

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003032.D
 Acq On : 30 Jun 2020 13:50
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:35 PM

Quant Time: Jul 01 06:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	503663	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	732012	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	663648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	354220	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	256915	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
35) Dibromofluoromethane	7.72	113	248296	54.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.74%	
50) Toluene-d8	10.18	98	931410	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
62) 4-Bromofluorobenzene	12.48	95	327117	54.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	70675	18.529	ug/l	99
3) Chloromethane	2.12	50	93478	16.735	ug/l	99
4) Vinyl Chloride	2.26	62	109087	20.021	ug/l	99
5) Bromomethane	2.65	94	76789	20.757	ug/l	97
6) Chloroethane	2.80	64	69526	20.059	ug/l	99
7) Trichlorofluoromethane	3.13	101	151017	19.638	ug/l	97
8) Diethyl Ether	3.53	74	49910	18.932	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	94853	20.657	ug/l	99
10) Methyl Iodide	4.10	142	116113	20.393	ug/l	97
11) Tert butyl alcohol	4.97	59	52394	102.773	ug/l	98
12) 1,1-Dichloroethene	3.88	96	88572	20.273	ug/l	88
13) Acrolein	3.74	56	43787	95.631	ug/l	100
14) Allyl chloride	4.49	41	143263	18.781	ug/l	99
15) Acrylonitrile	5.18	53	124920	91.940	ug/l	99
16) Acetone	3.96	43	107143	90.814	ug/l	98
17) Carbon Disulfide	4.20	76	274776	19.685	ug/l	98
18) Methyl Acetate	4.49	43	56790	17.867	ug/l	94
19) Methyl tert-butyl Ether	5.23	73	252943	19.862	ug/l	98
20) Methylene Chloride	4.72	84	131337	20.888	ug/l	95
21) trans-1,2-Dichloroethene	5.22	96	100750	20.387	ug/l	96
22) Diisopropyl ether	6.13	45	307897	18.833	ug/l	99
23) Vinyl Acetate	6.07	43	1010902	92.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	175141	19.611	ug/l	99
25) 2-Butanone	6.99	43	170197	90.814	ug/l	98
26) 2,2-Dichloropropane	6.99	77	165922	20.449	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	110101	19.863	ug/l	100
28) Bromochloromethane	7.34	49	69546	17.502	ug/l	91
29) Tetrahydrofuran	7.35	42	111896	89.783	ug/l	95
30) Chloroform	7.52	83	176081	19.902	ug/l	98
31) Cyclohexane	7.79	56	167917	19.086	ug/l	93
32) 1,1,1-Trichloroethane	7.71	97	164297	20.344	ug/l	99
36) 1,1-Dichloropropene	7.92	75	140646	19.947	ug/l	99
37) Ethyl Acetate	7.08	43	80647	19.023	ug/l	99
38) Carbon Tetrachloride	7.91	117	149803	20.420	ug/l	98

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Manual Integrations
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sam
 7/1/2020 10:11:35 PM

Quant Time: Jul 01 06:11:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 30 04:11:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	176285	20.165	ug/l	99
40) Benzene	8.17	78	392782	20.347	ug/l	98
41) Methacrylonitrile	7.33	41	48364m	21.356	ug/l	
42) 1,2-Dichloroethane	8.24	62	120752	19.773	ug/l	100
43) Isopropyl Acetate	8.28	43	149081	18.498	ug/l	96
44) Trichloroethene	8.94	130	116627	20.786	ug/l	99
45) 1,2-Dichloropropane	9.22	63	101798	19.601	ug/l	98
46) Dibromomethane	9.30	93	55903	19.273	ug/l	97
47) Bromodichloromethane	9.50	83	142479	20.060	ug/l	98
48) Methyl methacrylate	9.30	41	68942	18.793	ug/l	96
49) 1,4-Dioxane	9.30	88	14669	414.286	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	385408	92.522	ug/l	98
52) Toluene	10.25	92	248258	20.430	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	145984	19.604	ug/l	95
54) cis-1,3-Dichloropropene	9.93	75	168994	19.844	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	82900	20.567	ug/l	96
56) Ethyl methacrylate	10.51	69	112629	19.304	ug/l	96
57) 1,3-Dichloropropane	10.79	76	140976	19.923	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	263949	88.206	ug/l	98
59) 2-Hexanone	10.83	43	275248	94.535	ug/l	99
60) Dibromochloromethane	10.99	129	102247	19.822	ug/l	99
61) 1,2-Dibromoethane	11.09	107	78317	19.709	ug/l	98
64) Tetrachloroethene	10.72	164	115562	20.575	ug/l	93
65) Chlorobenzene	11.52	112	270873	20.700	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	103390	20.237	ug/l	100
67) Ethyl Benzene	11.59	91	487924	20.381	ug/l	99
68) m/p-Xylenes	11.70	106	367803	41.280	ug/l	98
69) o-Xylene	12.03	106	172427	20.537	ug/l	97
70) Styrene	12.04	104	298247	20.793	ug/l	99
71) Bromoform	12.21	173	68418	20.083	ug/l #	98
73) Isopropylbenzene	12.33	105	480928	20.746	ug/l	99
74) N-amyl acetate	12.14	43	140999	18.683	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	92289	19.727	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	70222m	20.031	ug/l	
77) Bromobenzene	12.61	156	120224	20.226	ug/l	98
78) n-propylbenzene	12.67	91	574945	20.622	ug/l	100
79) 2-Chlorotoluene	12.75	91	319663	20.541	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	398760	20.498	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	34371	19.075	ug/l	96
82) 4-Chlorotoluene	12.85	91	337615	20.837	ug/l	100
83) tert-Butylbenzene	13.08	119	348541	20.405	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	401389	20.477	ug/l	100
85) sec-Butylbenzene	13.25	105	486882	20.680	ug/l	99
86) p-Isopropyltoluene	13.37	119	449740	20.615	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	227367	20.489	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	226675	20.715	ug/l	99
89) n-Butylbenzene	13.70	91	434954	20.838	ug/l	99
90) Hexachloroethane	13.96	117	88532	20.436	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	204409	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	16074	19.409	ug/l	96

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

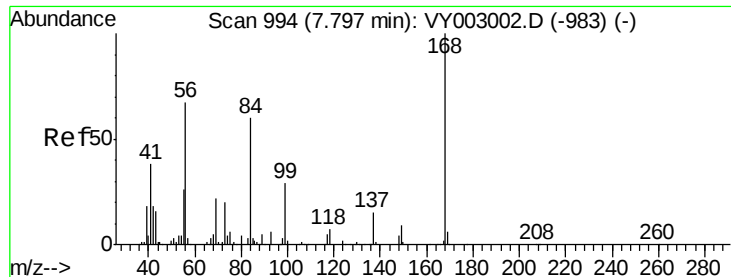
Manual Integrations
APPROVED

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7/1/2020 10:11:35 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y062920S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 30 04:11:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	154735	20.915	ug/l	99
94) Hexachlorobutadiene	15.11	225	101901	21.836	ug/l	98
95) Naphthalene	15.23	128	275616	20.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	133850	20.835	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:168 Resp: 503663

Ion Ratio Lower Upper

168 100

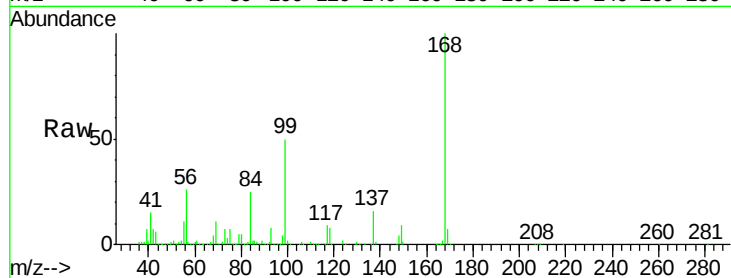
99 50.0 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0

7.80

250000

200000

150000

100000

50000

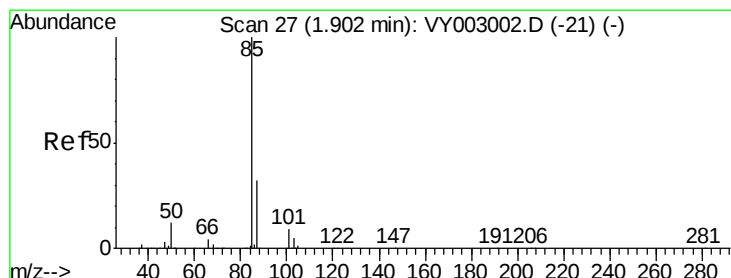
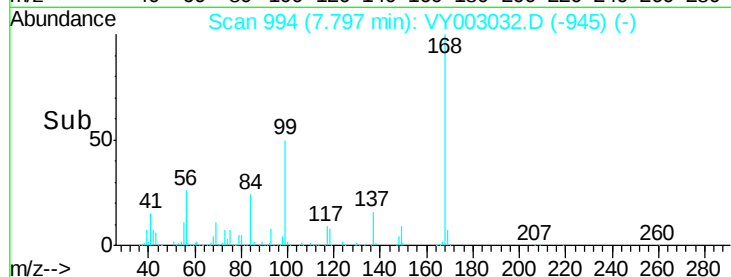
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 18.529 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003032.D

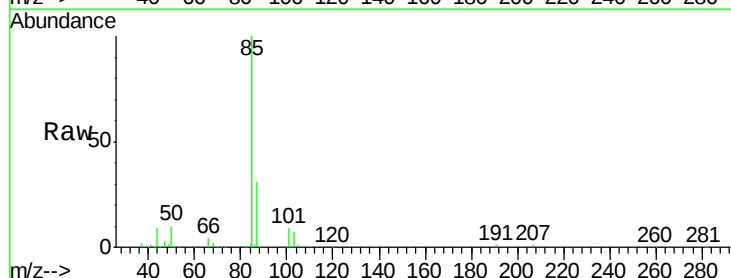
Acq: 30 Jun 2020 13:50

Tgt Ion: 85 Resp: 70675

Ion Ratio Lower Upper

85 100

87 30.8 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

1.91

50000

40000

30000

20000

10000

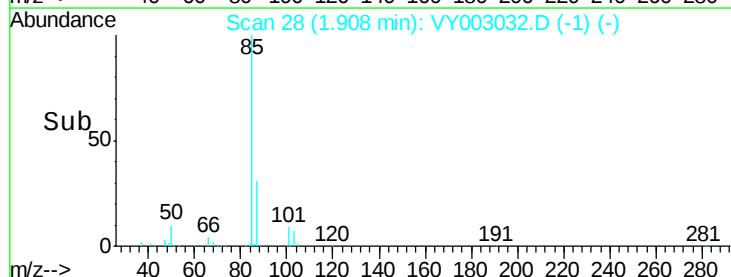
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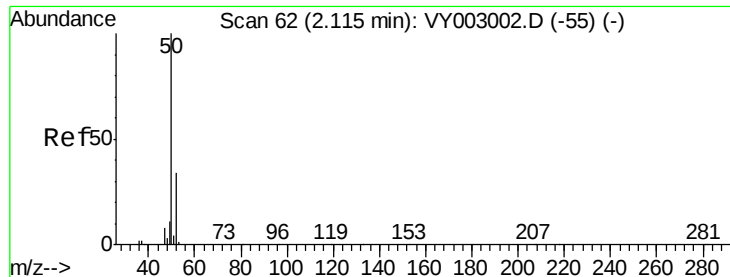
1.80

1.90

2.00

Time-->





#3

Chloromethane

Concen: 16.735 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 50 Resp: 93478

Ion Ratio Lower Upper

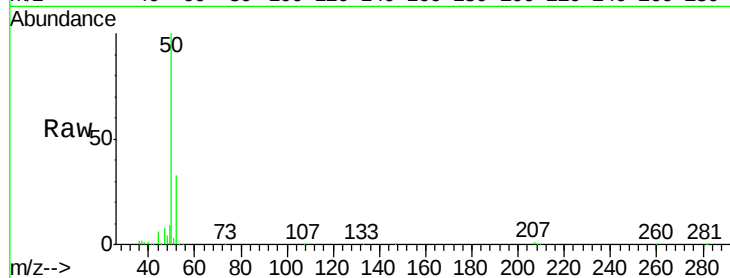
50 100

52 32.8 26.9 40.3

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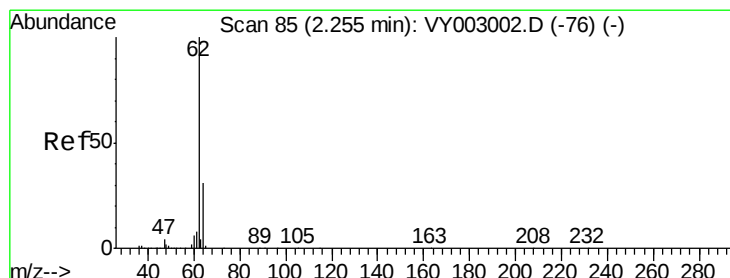
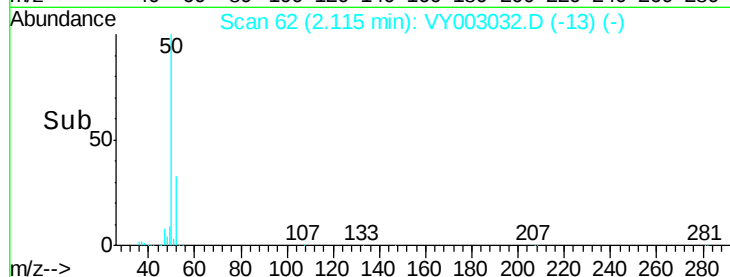
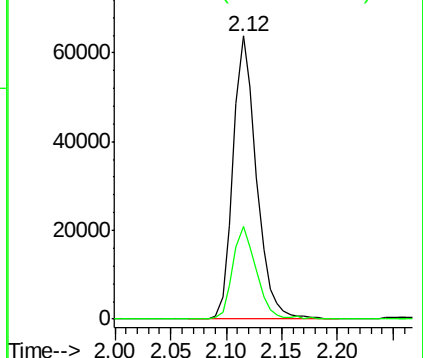
sam

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 20.021 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003032.D

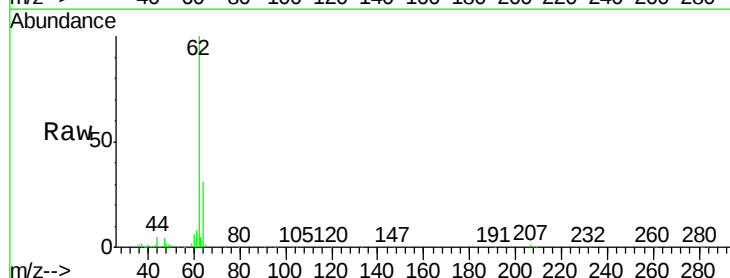
Acq: 30 Jun 2020 13:50

Tgt Ion: 62 Resp: 109087

Ion Ratio Lower Upper

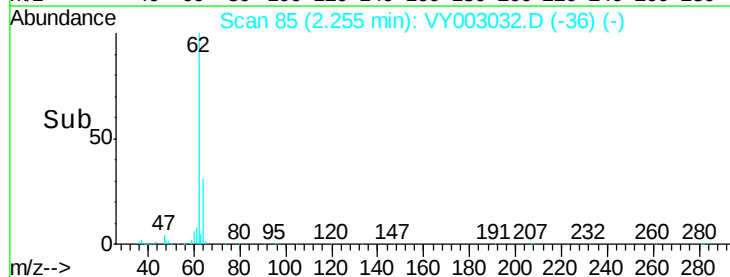
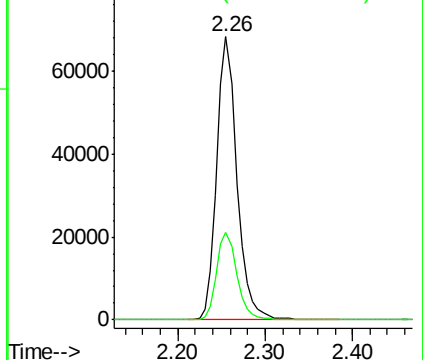
62 100

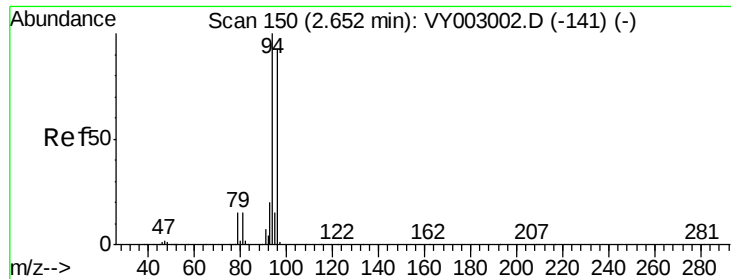
64 31.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 20.757 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 94 Resp: 76789

Ion Ratio Lower Upper

94 100

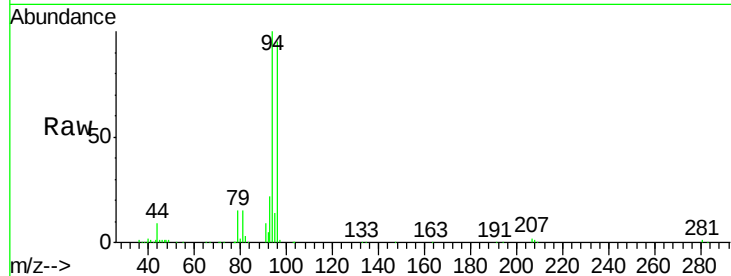
96 94.5 73.4 110.2

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

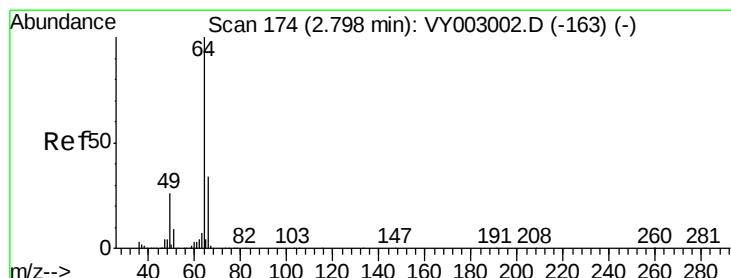
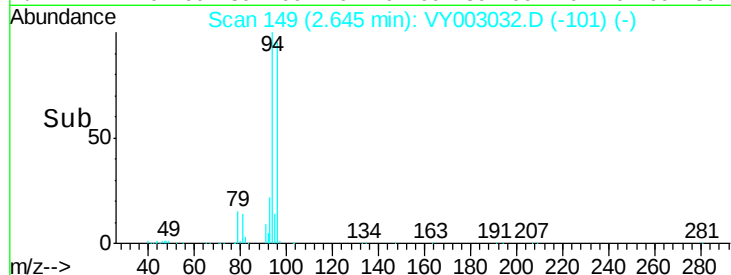
30000

20000

10000

0

Time-->



#6

Chloroethane

Concen: 20.059 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.00 min

Lab File: VY003032.D

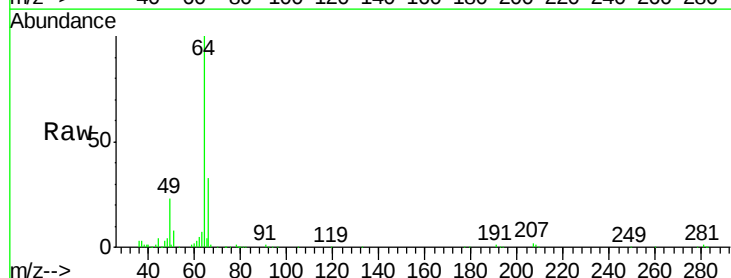
Acq: 30 Jun 2020 13:50

Tgt Ion: 64 Resp: 69526

Ion Ratio Lower Upper

64 100

66 32.9 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

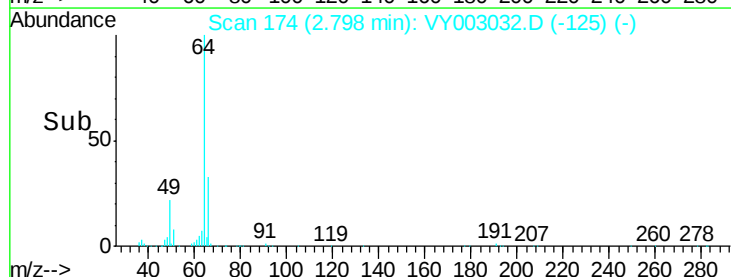
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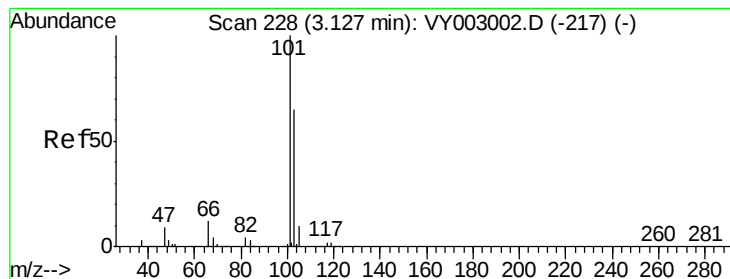
20000

10000

0

Time-->





#7

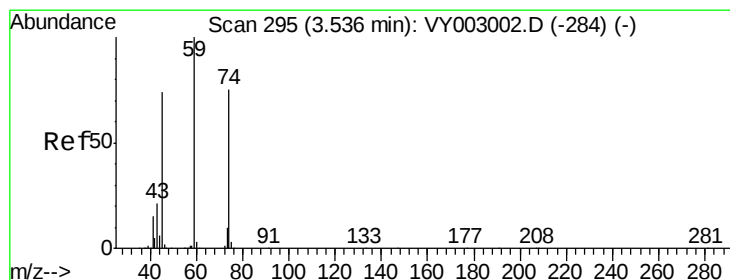
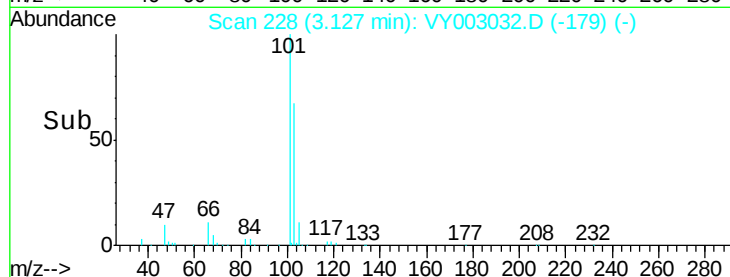
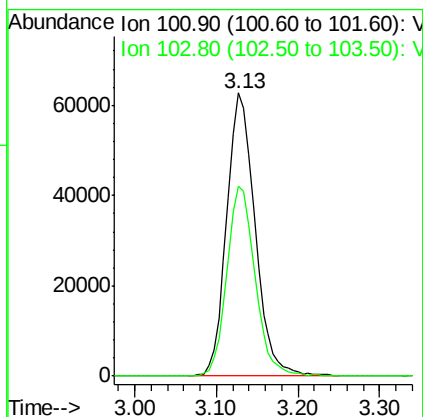
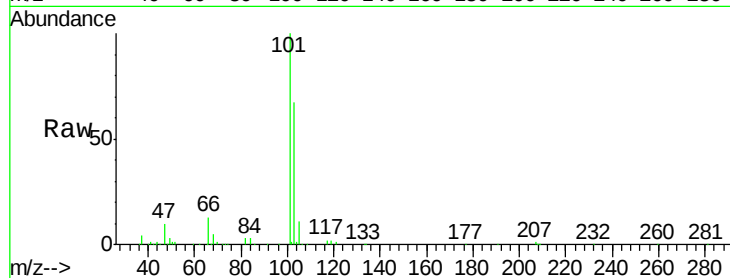
Trichlorofluoromethane
Concen: 19.638 ug/l
RT: 3.13 min Scan# 228
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

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VY0630SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	67.0	51.6	77.4

Manual Integrations
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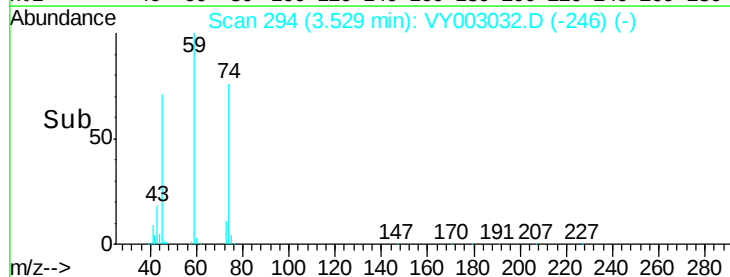
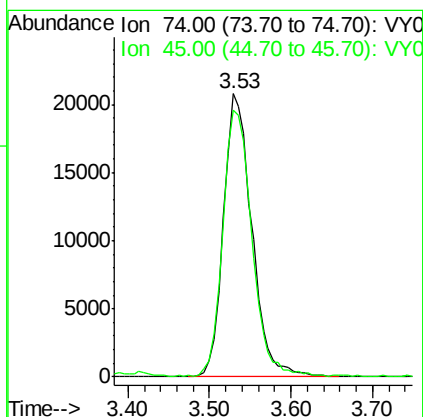
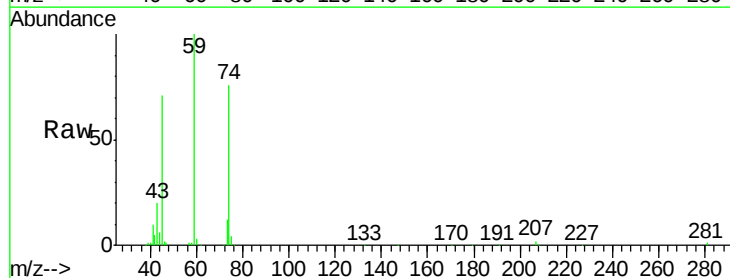
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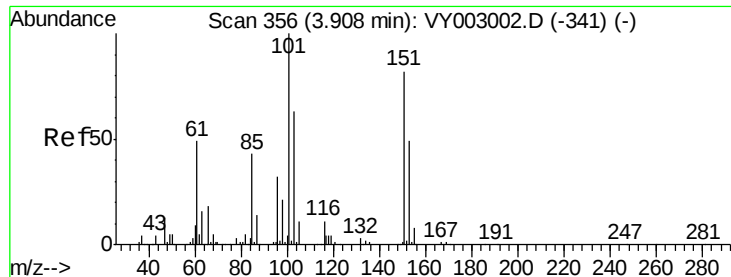


#8

Diethyl Ether
Concen: 18.932 ug/l
RT: 3.53 min Scan# 294
Delta R.T. -0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.2	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.657 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

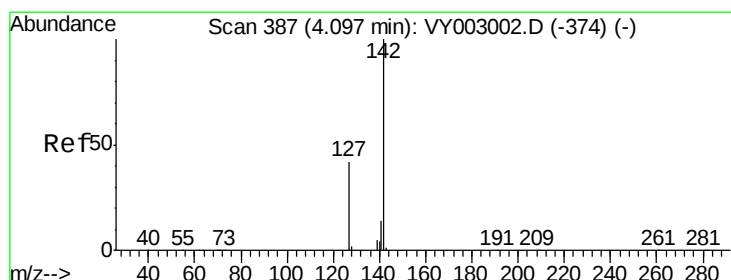
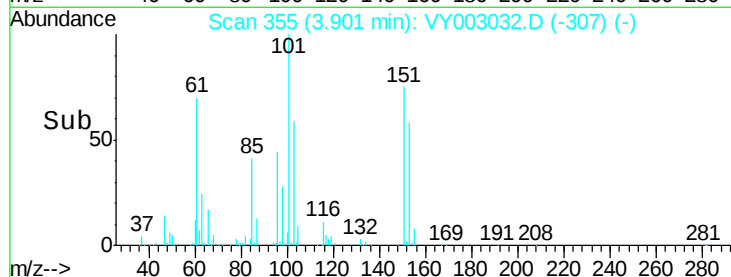
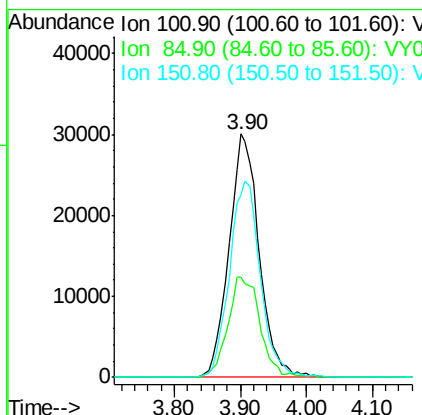
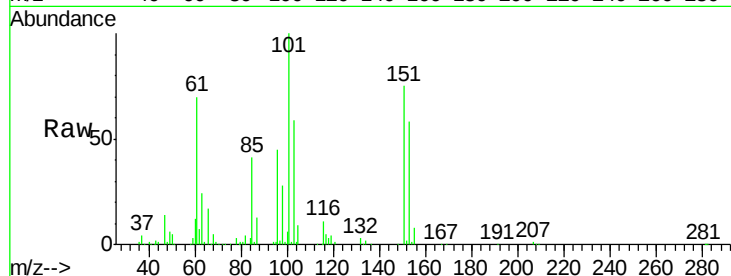
ClientSampleId :

VY0630SBS01

Tot Ion:	101	Resp:	94853
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	82.5	65.5	98.3

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#10

Methyl Iodide

Concen: 20.393 ug/l

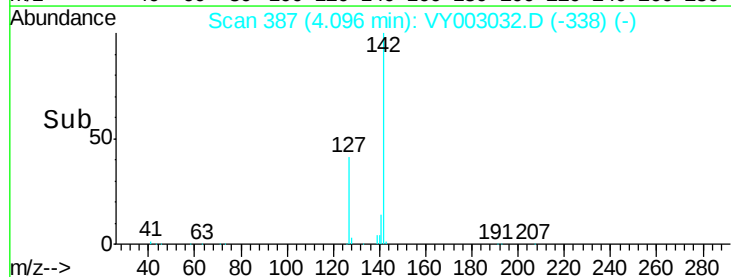
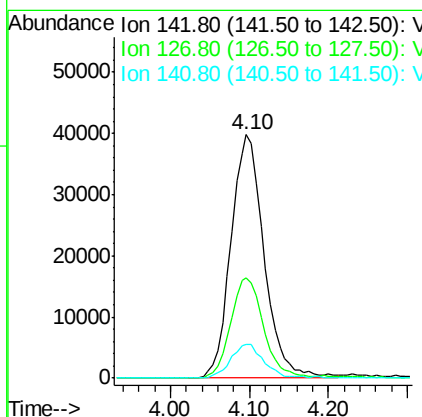
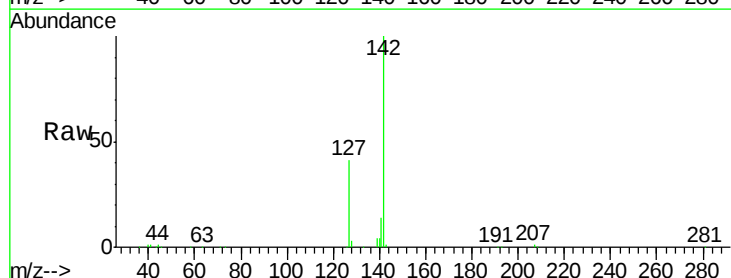
RT: 4.10 min Scan# 387

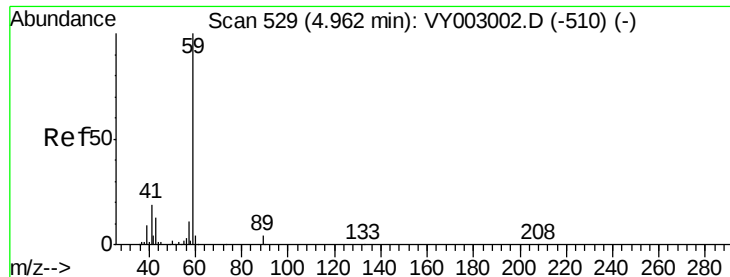
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	142	Resp:	116113
Ion Ratio	Lower	Upper	
142	100		
127	40.9	34.2	51.2
141	13.7	11.7	17.5





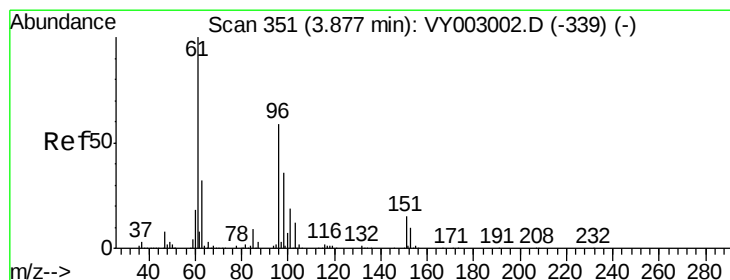
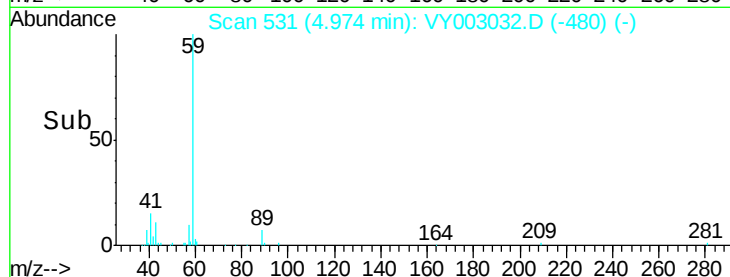
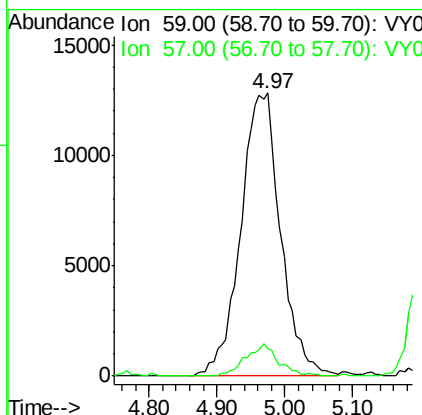
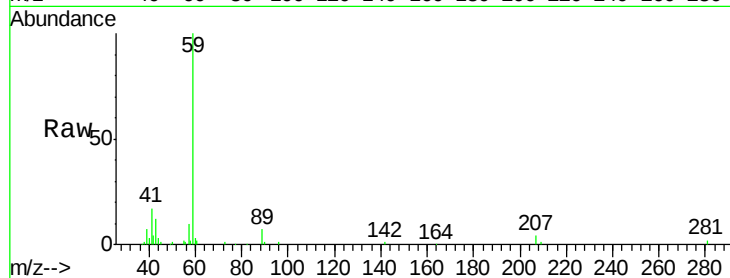
#11
Tert butyl alcohol
Concen: 102.773 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	9.3	8.0	12.0

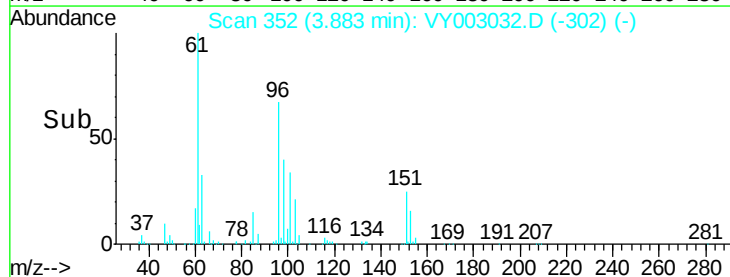
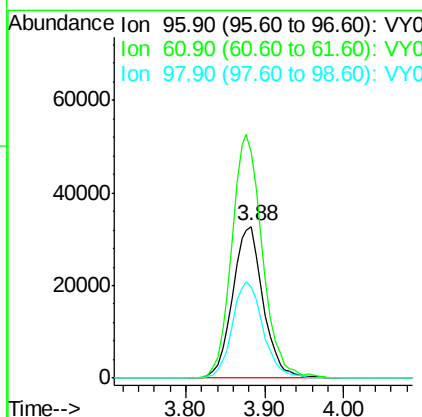
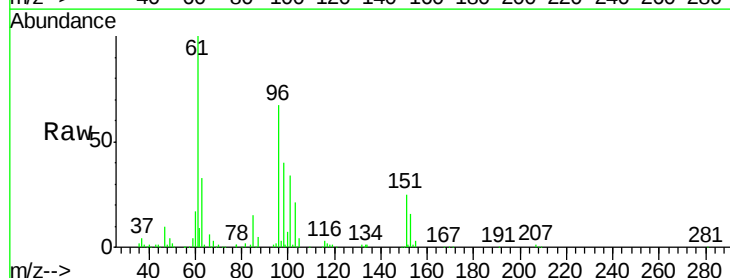
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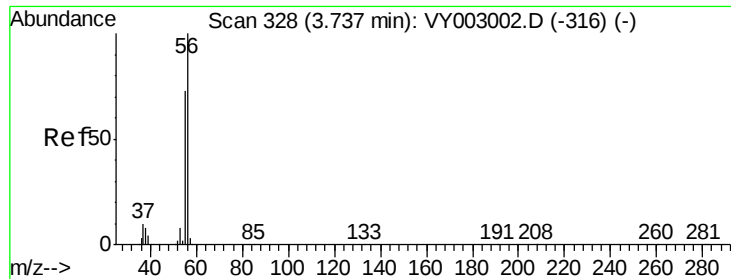
sam
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#12
1,1-Dichloroethene
Concen: 20.273 ug/l
RT: 3.88 min Scan# 352
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.9	136.7	205.1
98	60.1	49.7	74.5





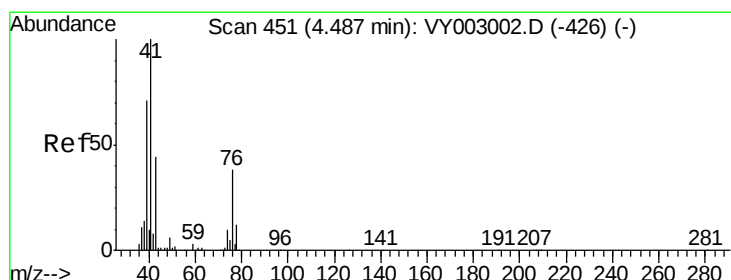
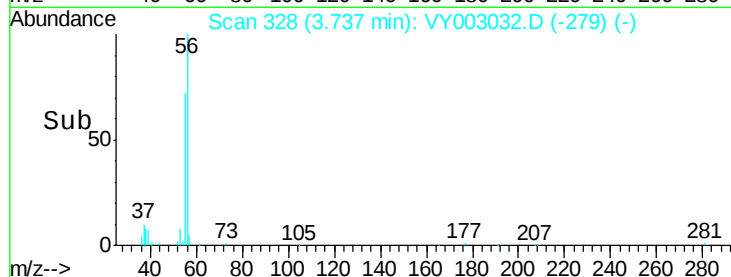
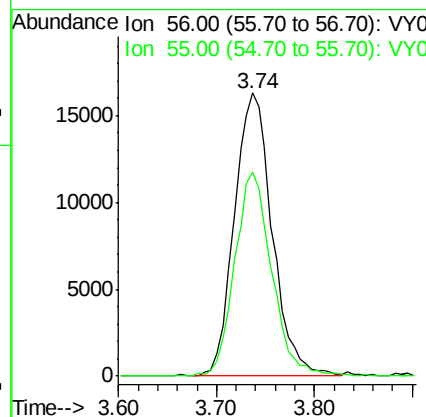
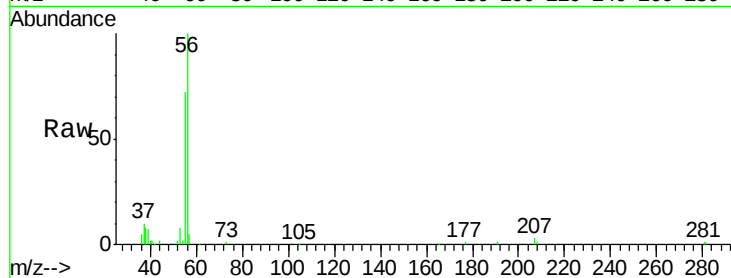
#13
Acrolein
Concen: 95.631 ug/l
RT: 3.74 min Scan# 328
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion	56	Resp	43787
Ion Ratio	100	Lower	Upper
55	70.6	56.4	84.6

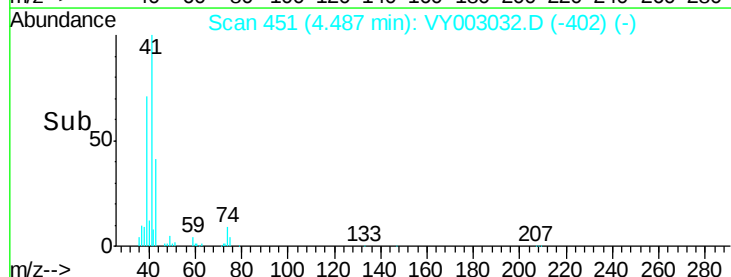
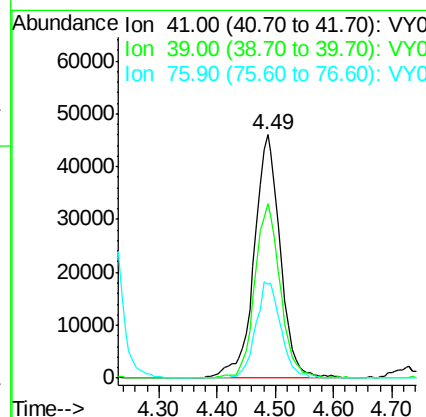
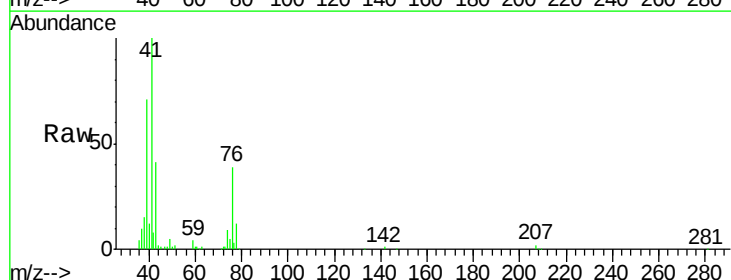
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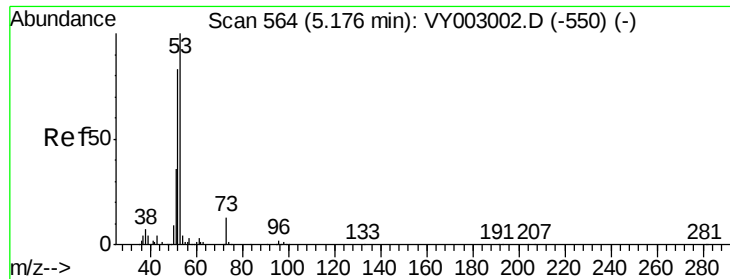
sam
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#14
Allyl chloride
Concen: 18.781 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	41	Resp	143263
Ion Ratio	100	Lower	Upper
39	69.0	55.6	83.4
76	37.7	28.6	43.0





#15

Acrylonitrile

Concen: 91.940 ug/l

RT: 5.18 min Scan# 564

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

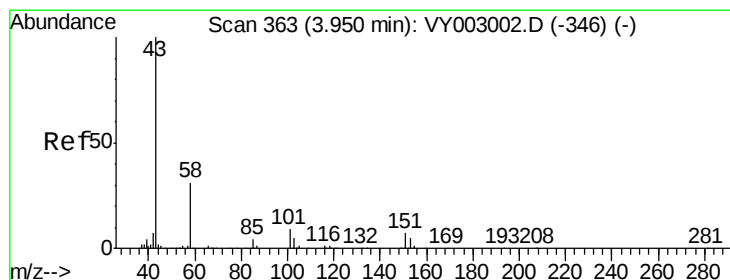
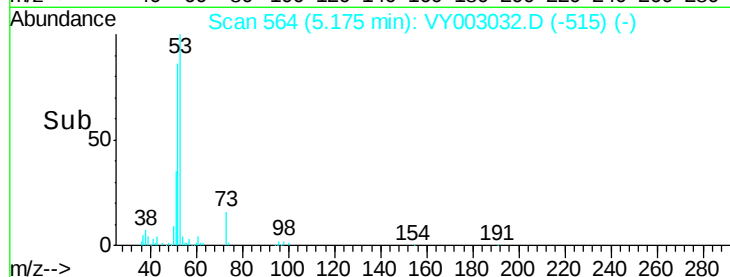
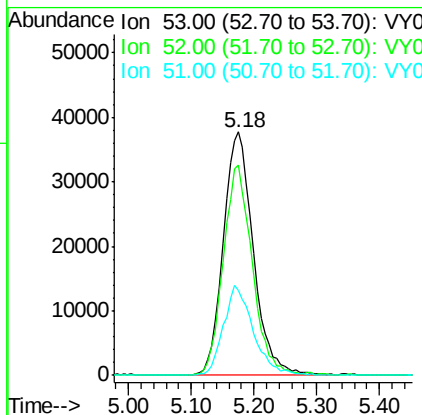
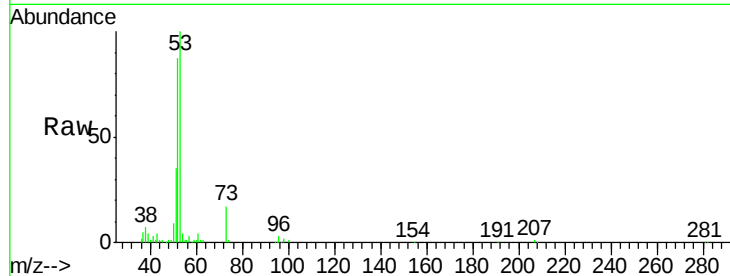
ClientSampleId :

VY0630SBS01

Tot Ion:	53	Resp:	124920
Ion Ratio	Lower	Upper	
53	100		
52	83.3	66.2	99.2
51	37.0	29.5	44.3

Manual Integrations
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7/1/2020 10:11:35 PM



#16

Acetone

Concen: 90.814 ug/l

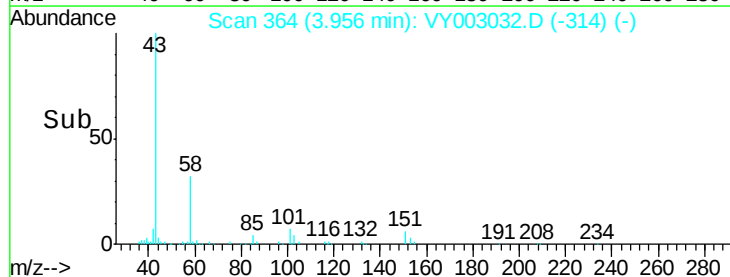
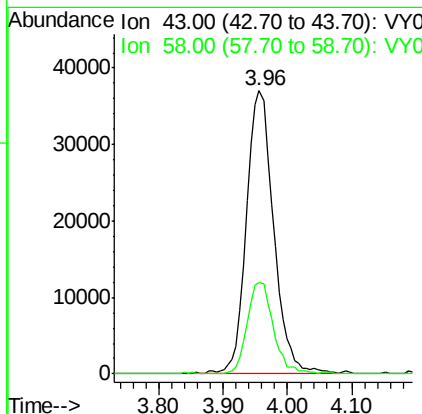
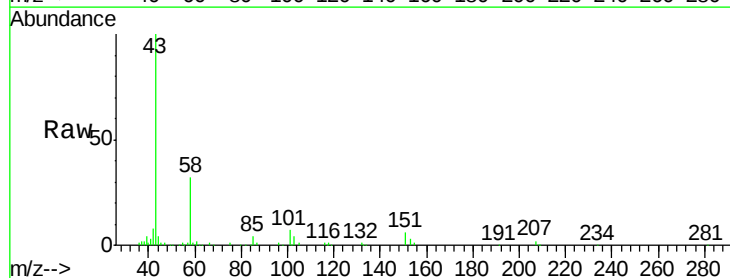
RT: 3.96 min Scan# 364

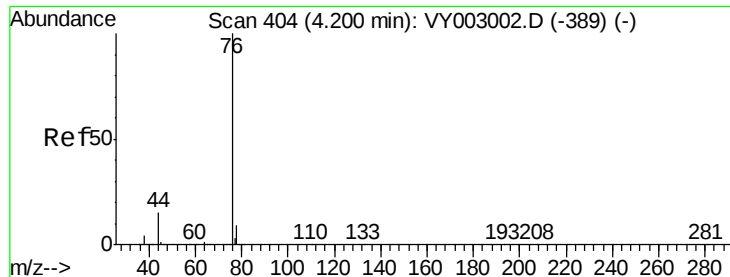
Delta R.T. 0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	43	Resp:	107143
Ion Ratio	Lower	Upper	
43	100		
58	32.1	24.7	37.1





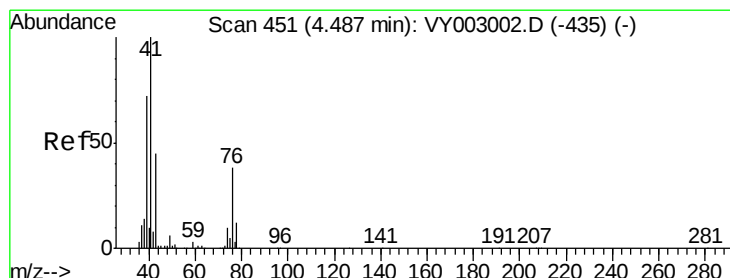
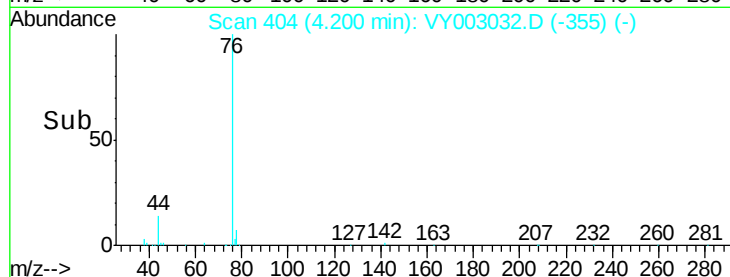
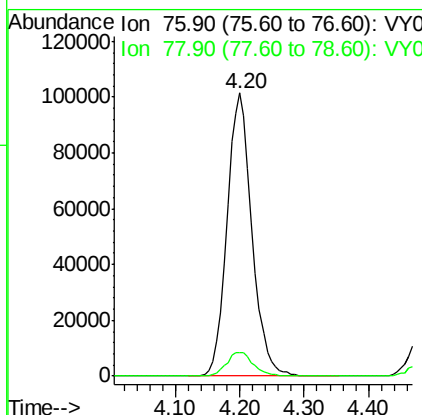
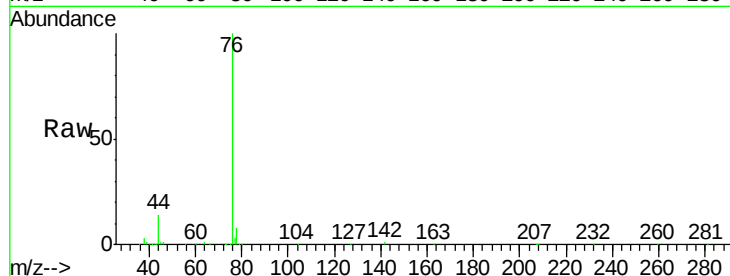
#17
Carbon Disulfide
Concen: 19.685 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.2	7.0	10.6

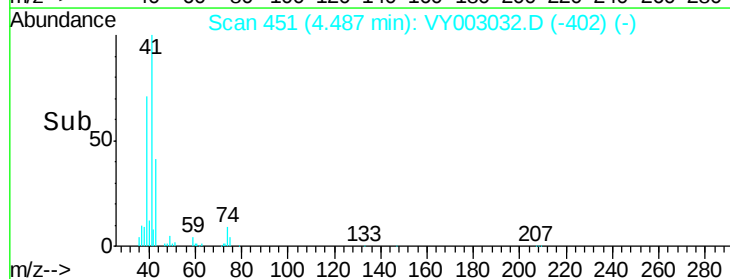
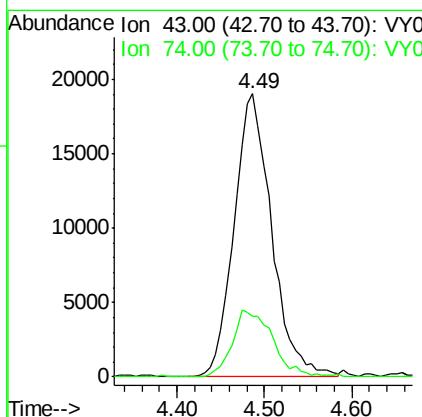
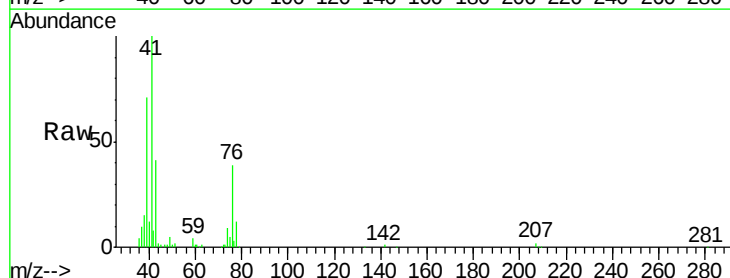
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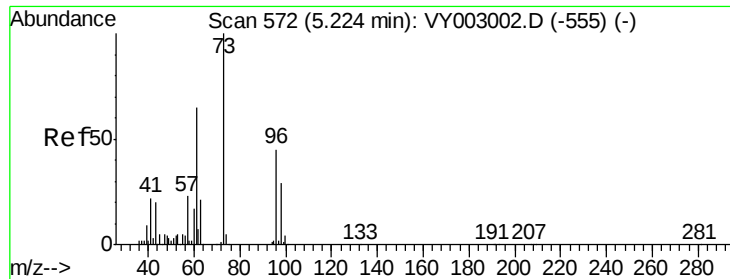
sam
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#18
Methyl Acetate
Concen: 17.867 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.5	18.2	27.4





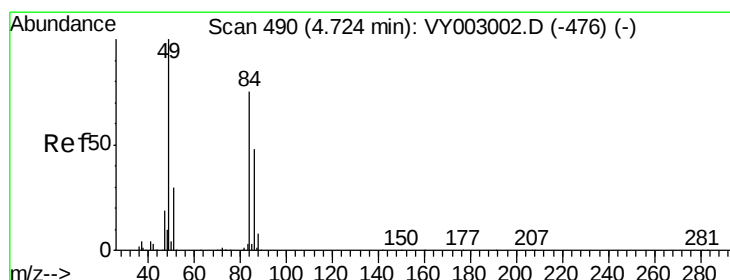
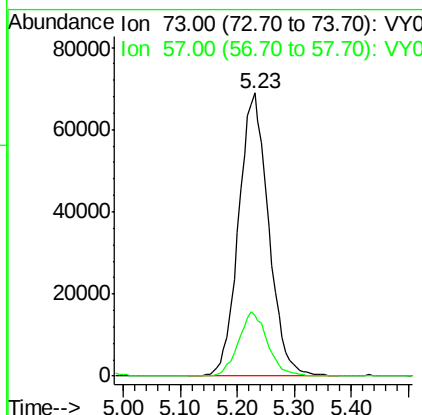
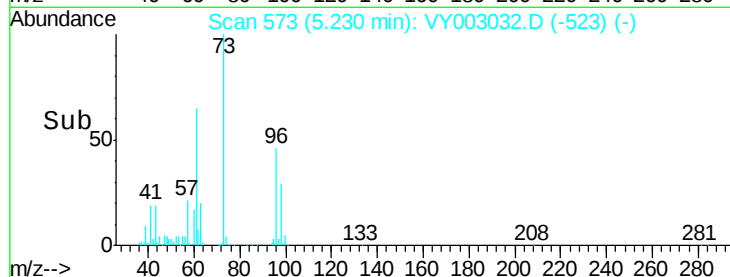
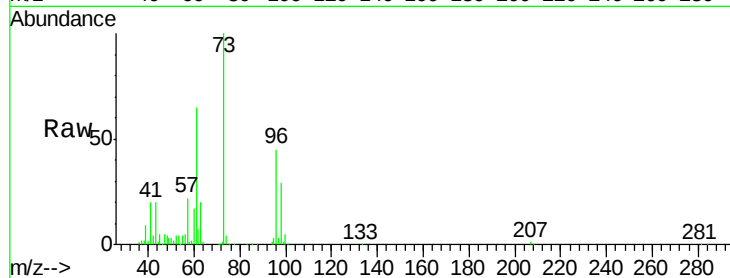
#19
Methvl tert-butvl Ether
Concen: 19.862 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 73 Resp: 252943
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.2

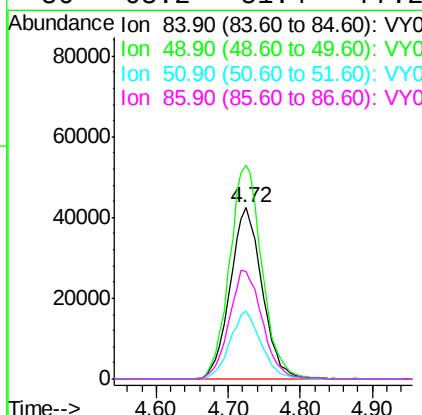
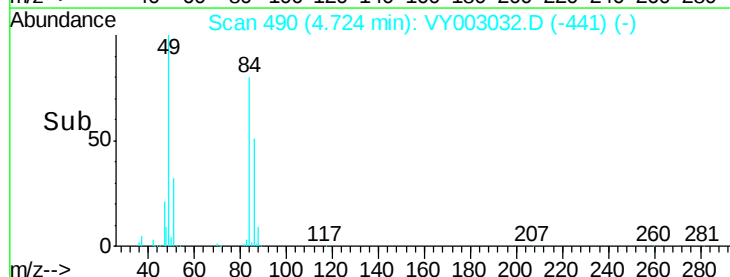
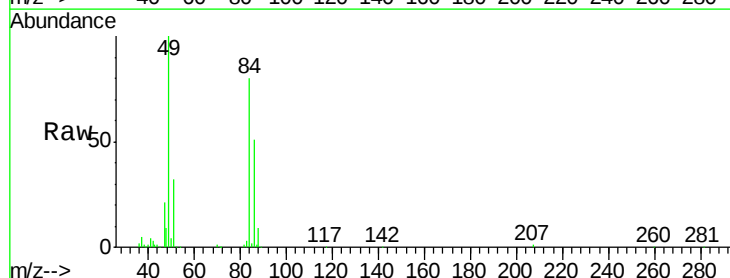
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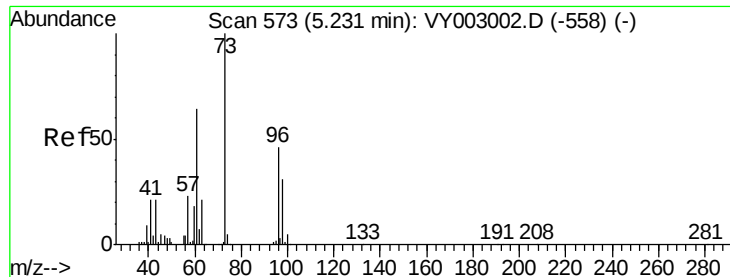
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#20
Methylene Chloride
Concen: 20.888 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion: 84 Resp: 131337
Ion Ratio Lower Upper
84 100
49 124.9 106.8 160.2
51 39.5 32.0 48.0
86 63.2 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 20.387 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

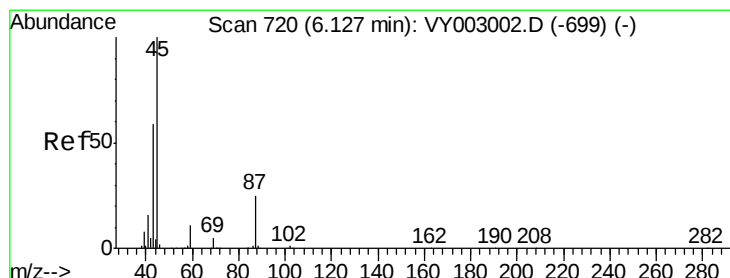
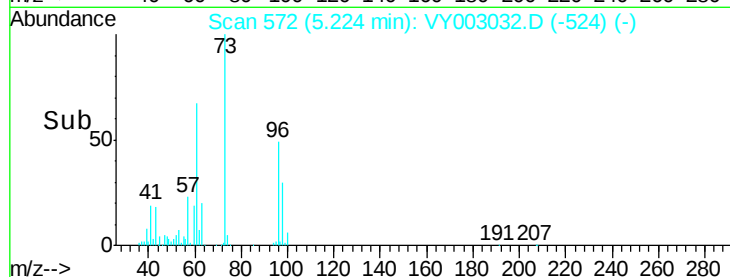
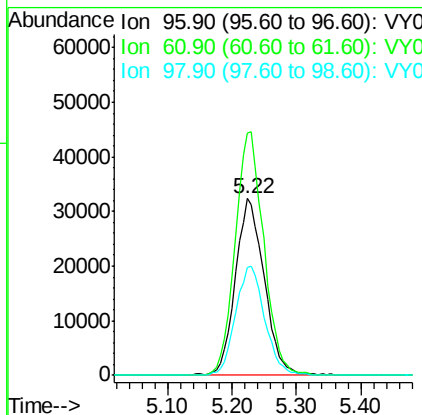
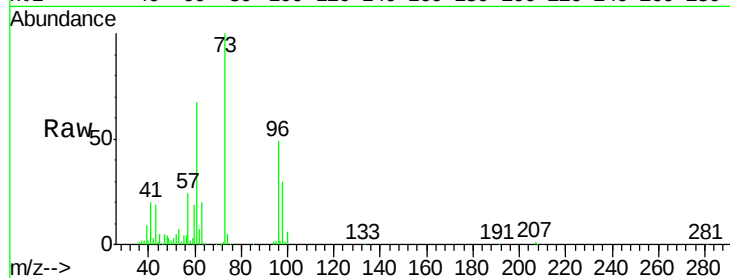
ClientSampleId :

VY0630SBS01

Tot Ion:	96	Resp:	100750
Ion	Ratio	Lower	Upper
96	100		
61	137.2	112.3	168.5
98	61.0	53.8	80.8

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#22

Diisopropyl ether

Concen: 18.833 ug/l

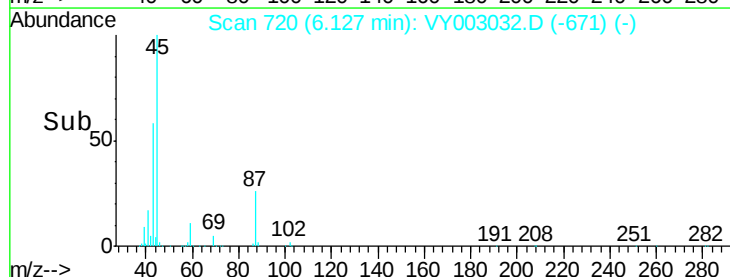
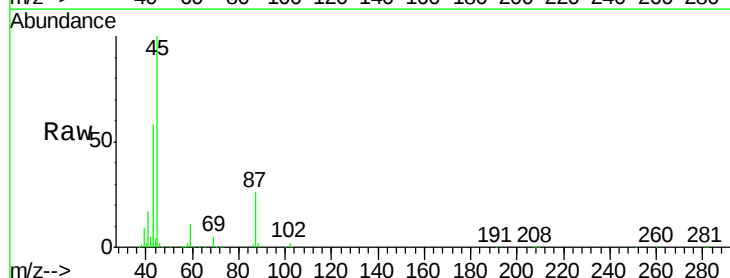
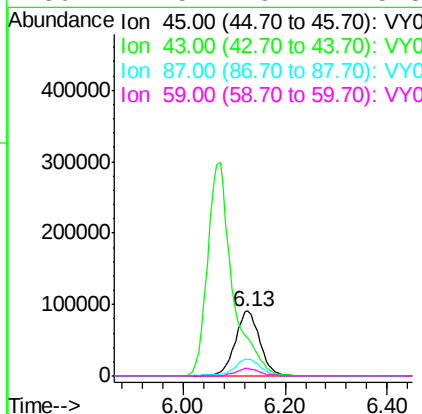
RT: 6.13 min Scan# 720

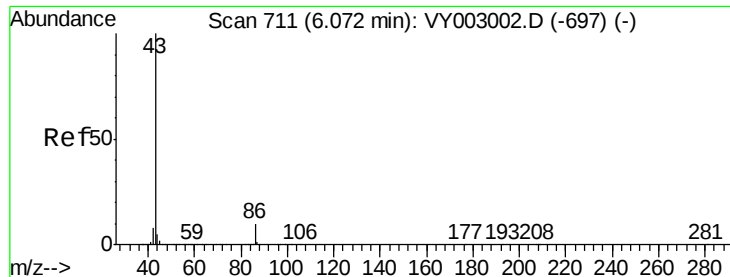
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	45	Resp:	307897
Ion	Ratio	Lower	Upper
45	100		
43	58.2	47.4	71.2
87	25.8	20.2	30.2
59	11.5	9.2	13.8





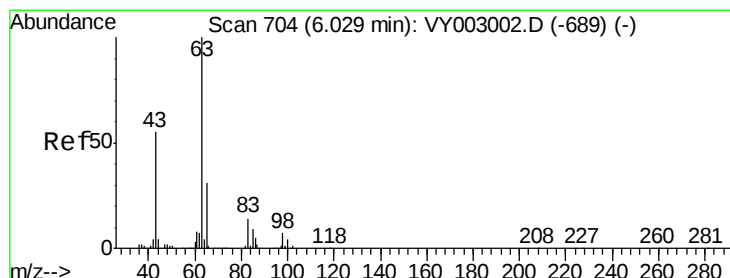
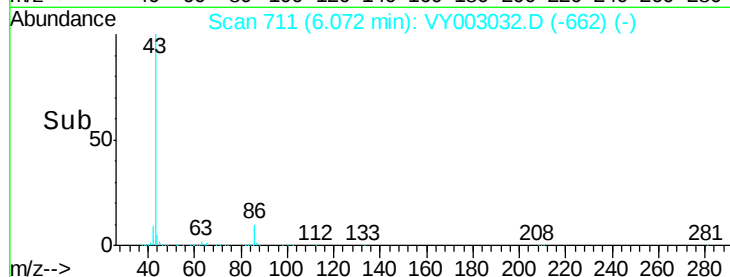
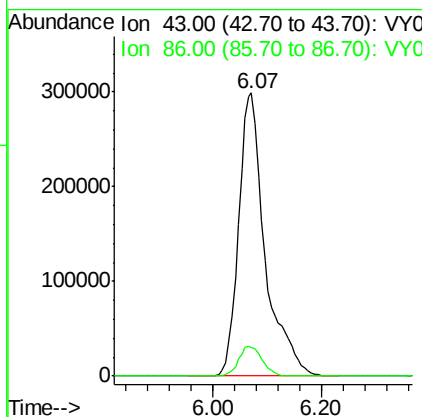
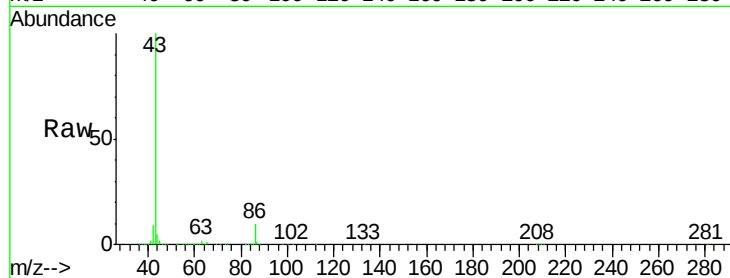
#23
 Vinyl Acetate
 Concen: 92.485 ug/l
 RT: 6.07 min Scan# 711
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 43 Resp: 1010902
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

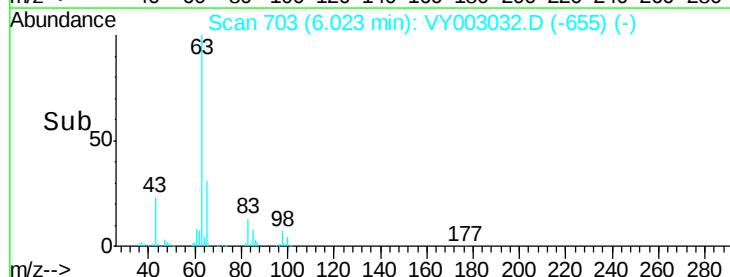
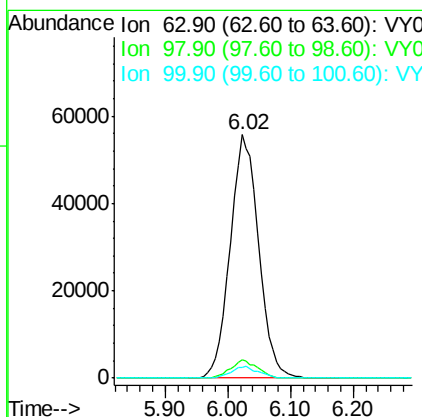
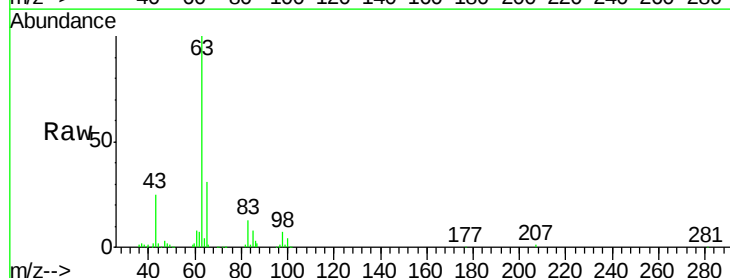
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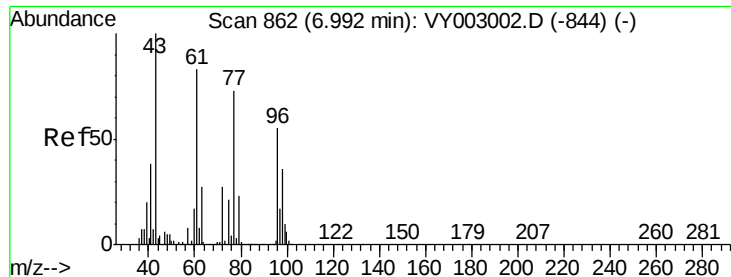
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#24
 1,1-Dichloroethane
 Concen: 19.611 ug/l
 RT: 6.02 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion: 63 Resp: 175141
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 90.814 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 43 Resp: 170197

Ion Ratio Lower Upper

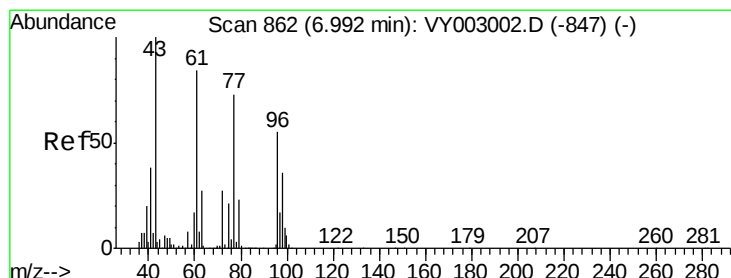
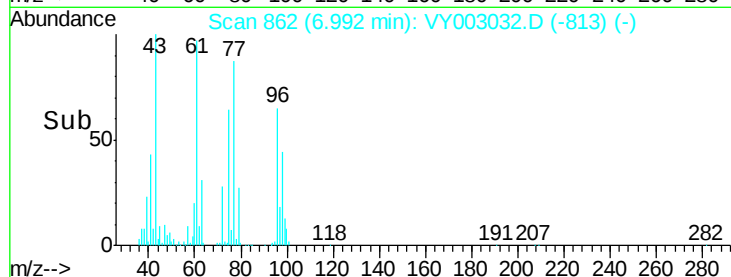
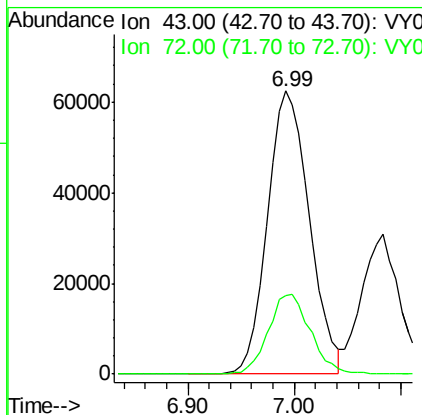
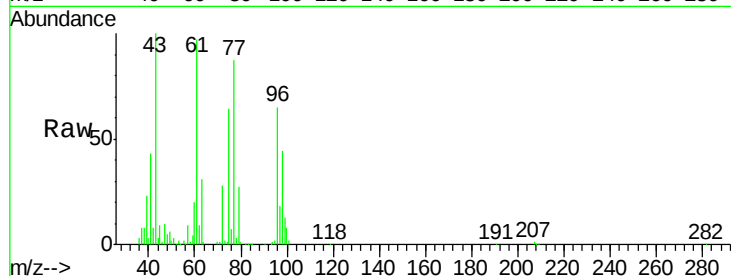
43 100

72 27.6 21.4 32.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 20.449 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003032.D

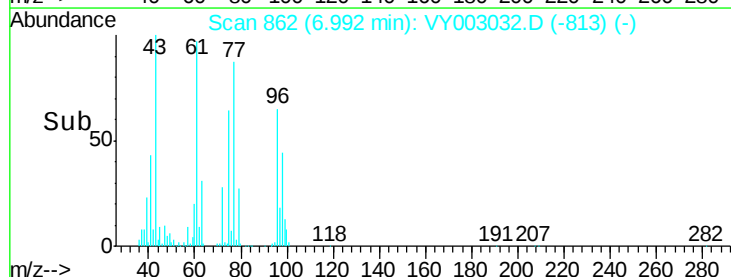
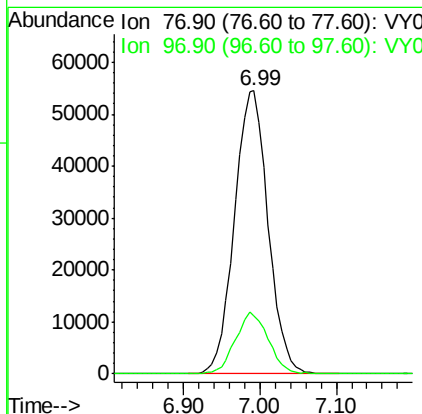
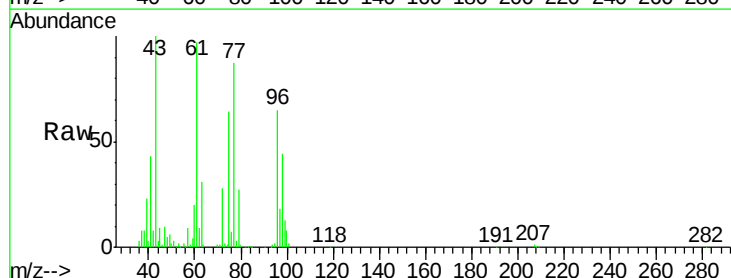
Acq: 30 Jun 2020 13:50

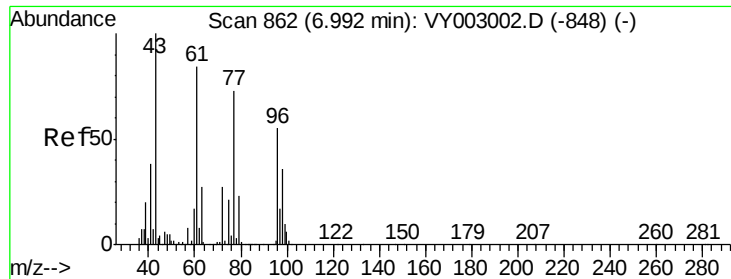
Tgt Ion: 77 Resp: 165922

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.9





#27

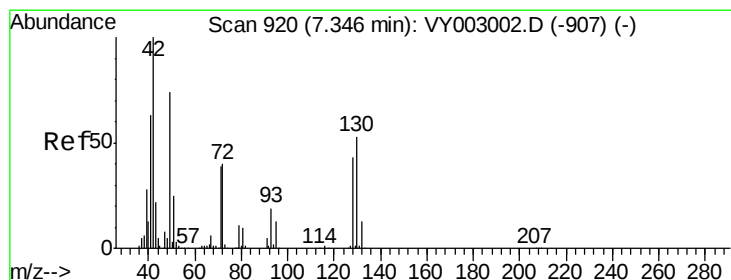
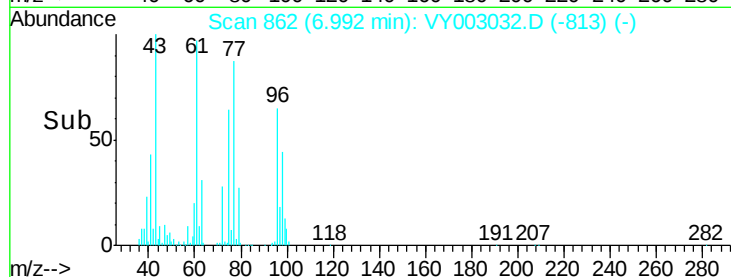
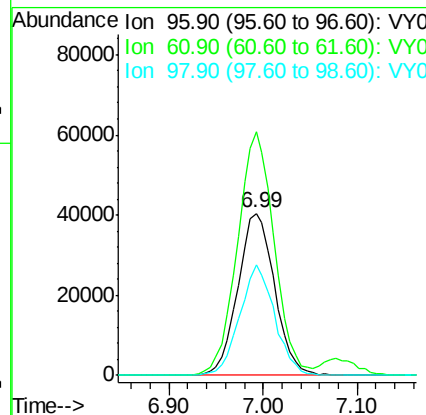
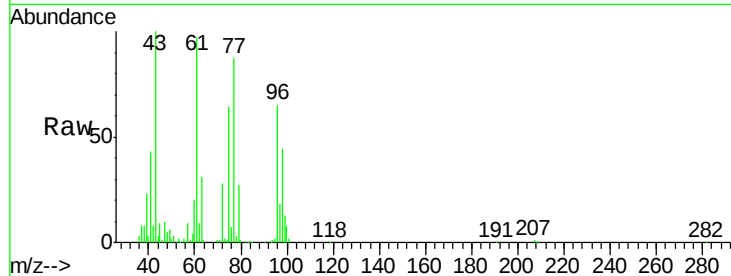
cis-1,2-Dichloroethene
Concen: 19.863 ug/l
RT: 6.99 min Scan# 862
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	150.4	0.0	301.2
98	65.1	0.0	129.0

Manual Integrations
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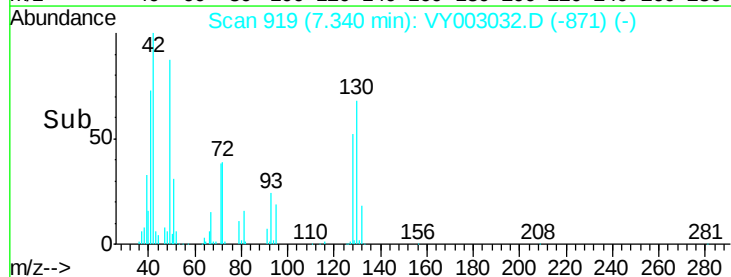
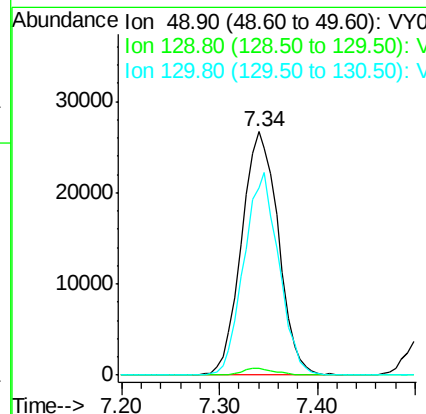
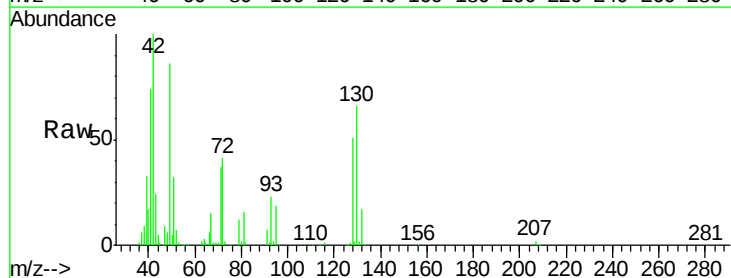
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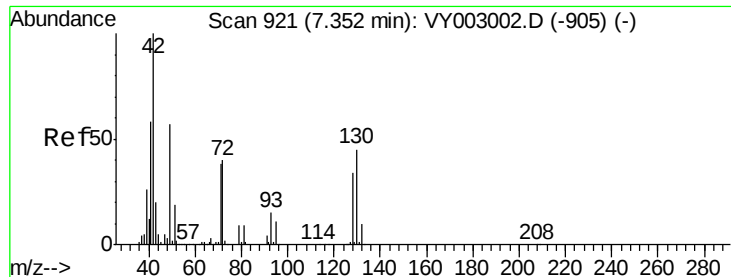


#28

Bromochloromethane
Concen: 17.502 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.4
130	79.0	57.0	85.6





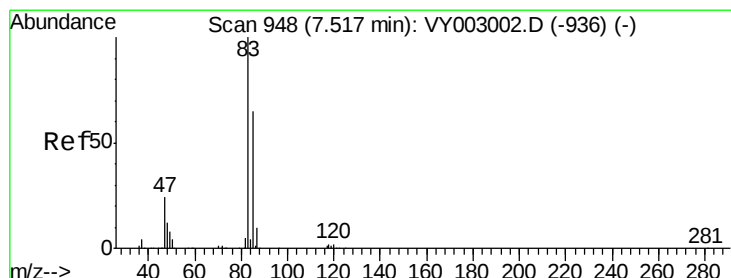
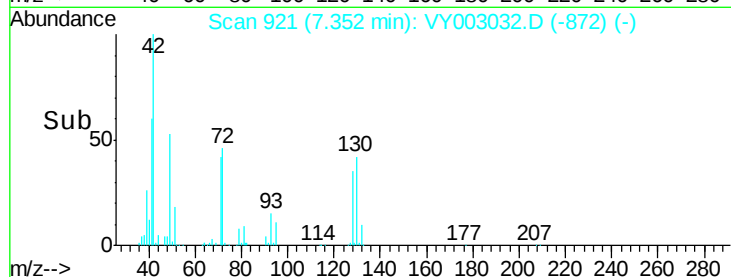
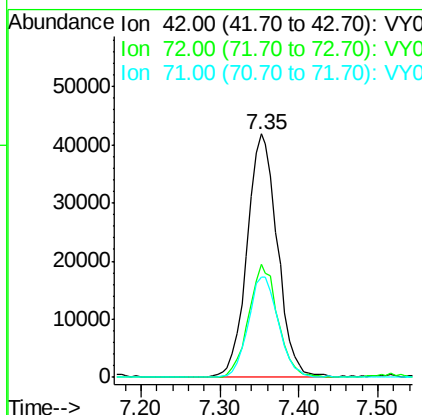
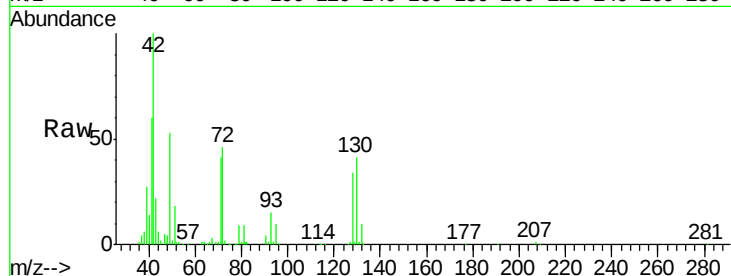
#29
Tetrahydrofuran
Concen: 89.783 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.7	32.9	49.3
71	41.1	31.2	46.8

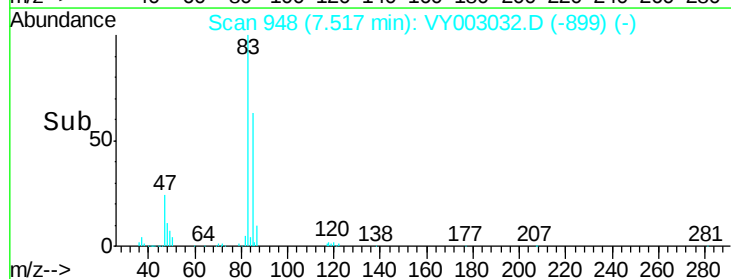
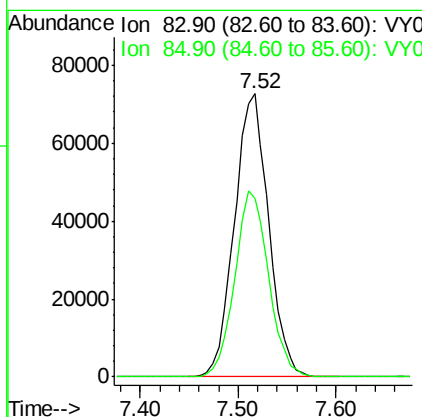
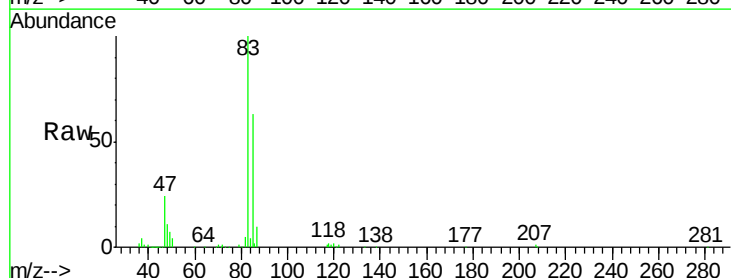
Manual Integrations
APPROVED

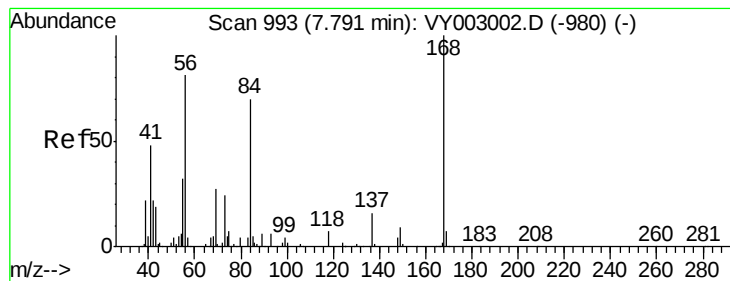
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#30
Chloroform
Concen: 19.902 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.9	51.7	77.5





#31

Cyclohexane

Concen: 19.086 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003032.D

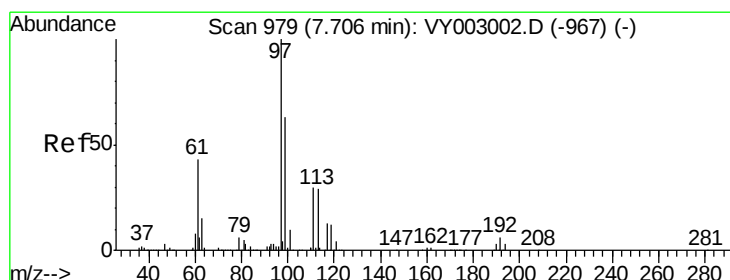
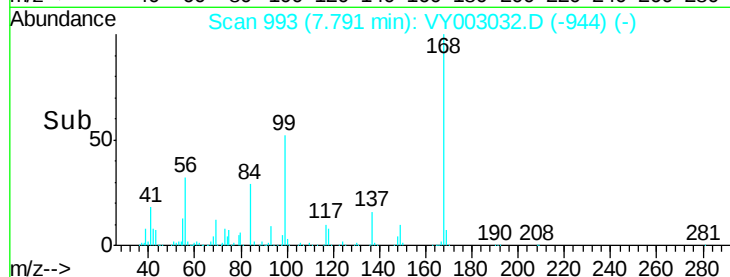
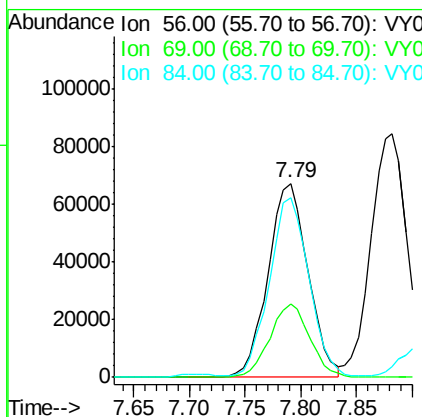
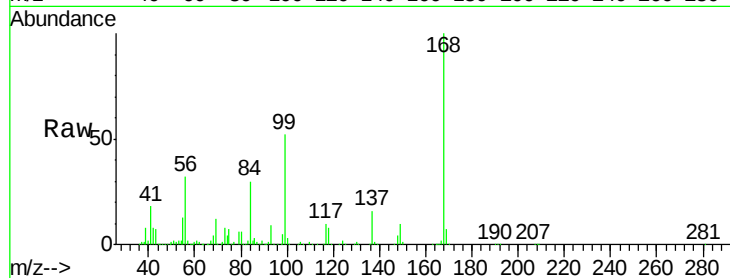
Acq: 30 Jun 2020 13:50

Tot Ion:	56	Resp:	167917
Ion Ratio		Lower	Upper
56	100		
69	37.6	27.0	40.4
84	91.0	68.1	102.1

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.344 ug/l

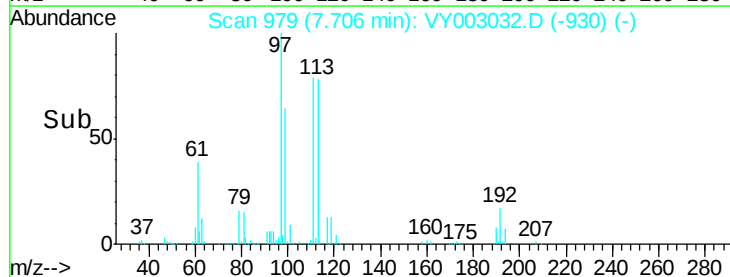
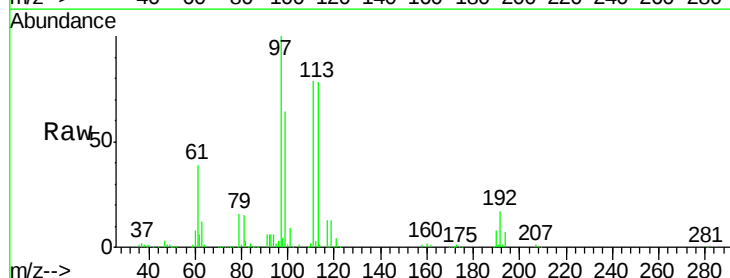
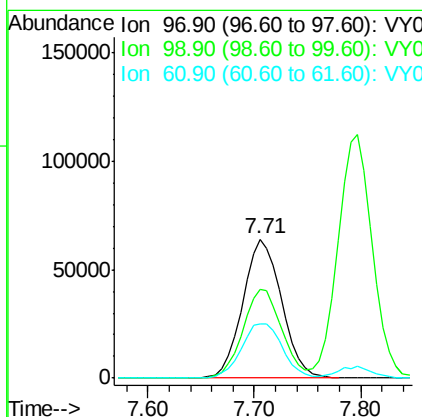
RT: 7.71 min Scan# 979

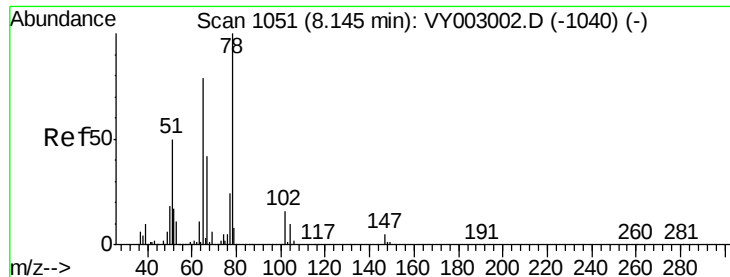
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	97	Resp:	164297
Ion Ratio		Lower	Upper
97	100		
99	63.7	51.4	77.2
61	41.8	33.9	50.9





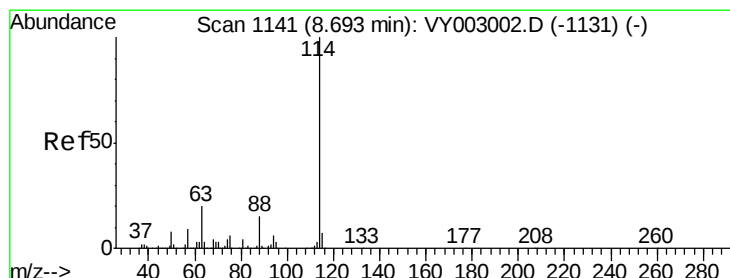
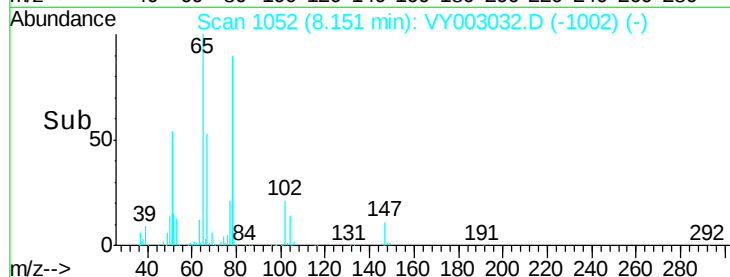
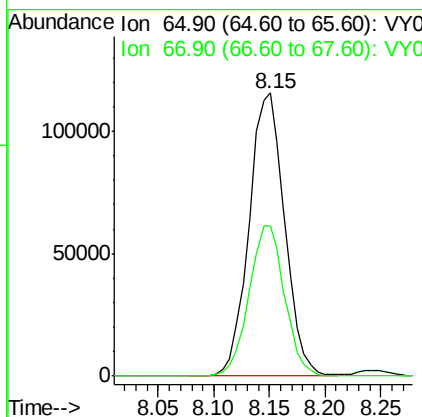
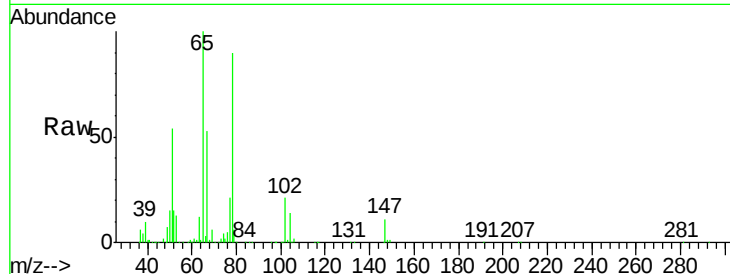
#33
 1,2-Dichloroethane-d4
 Concen: 51.358 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	256915		
67	53.1	0.0	105.6	

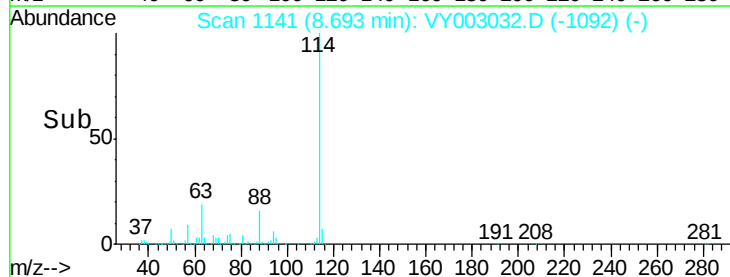
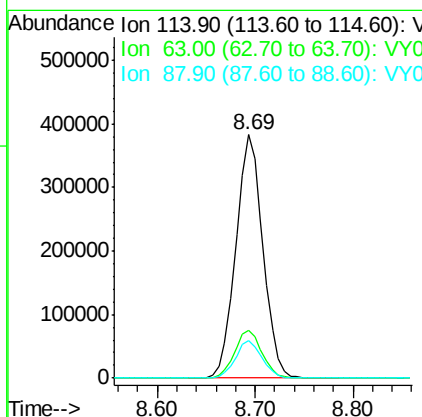
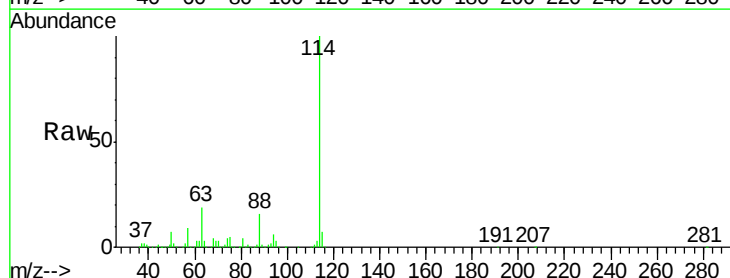
Manual Integrations
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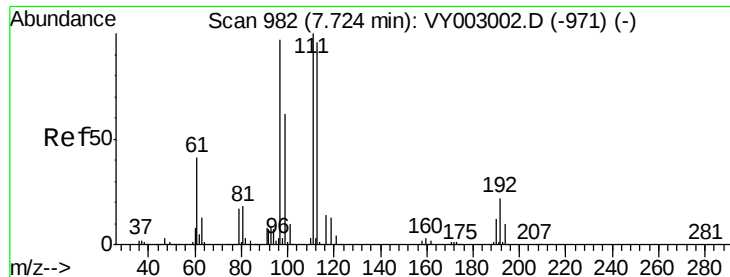
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	732012		
63	19.4	0.0	40.6	
88	15.5	0.0	30.0	





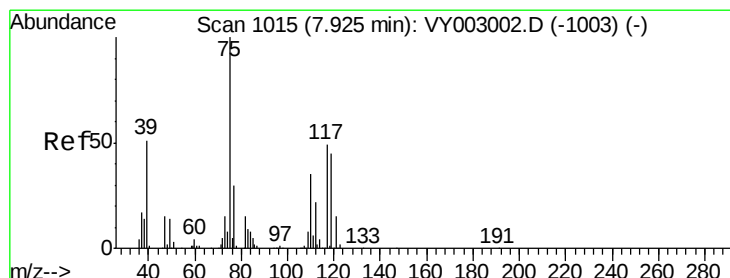
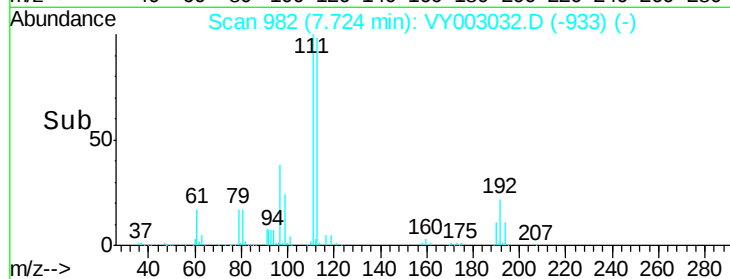
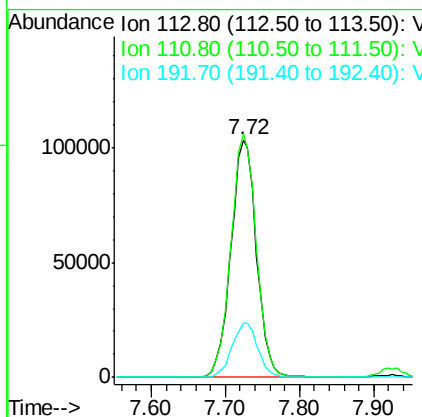
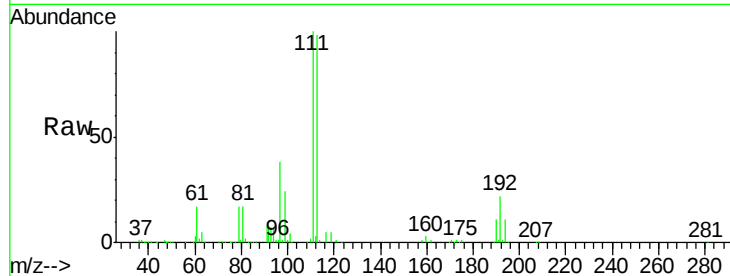
#35
 Dibromofluoromethane
 Concen: 54.374 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	248296		
111	102.2	82.6	123.8	
192	22.9	18.1	27.1	

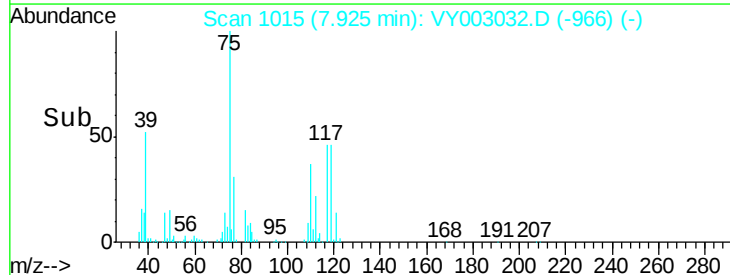
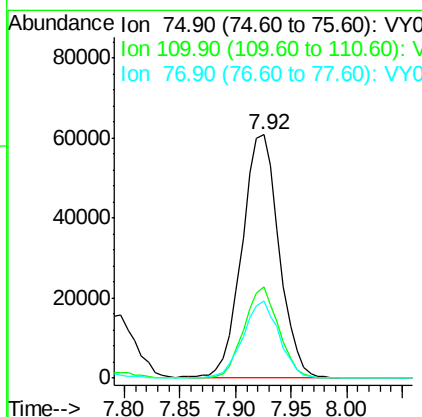
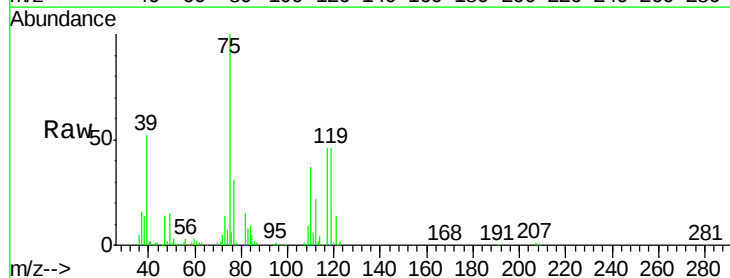
Manual Integrations
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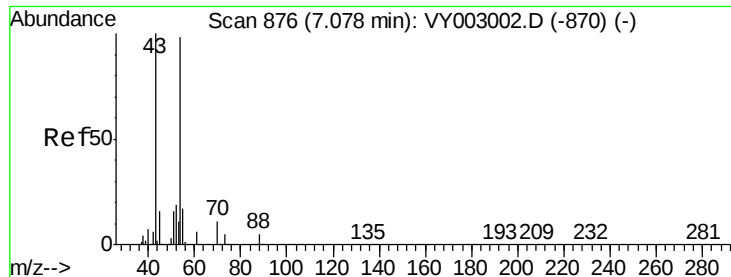
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#36
 1,1-Dichloropropene
 Concen: 19.947 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	140646		
110	35.4	17.1	51.2	
77	31.4	24.9	37.3	





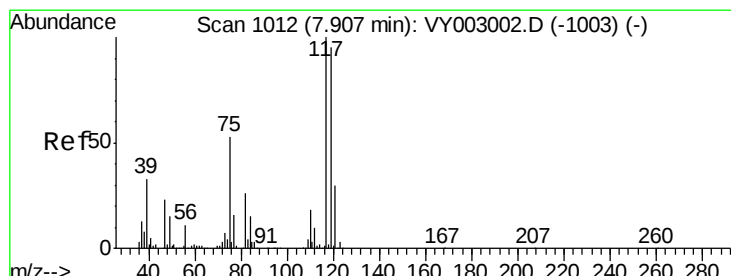
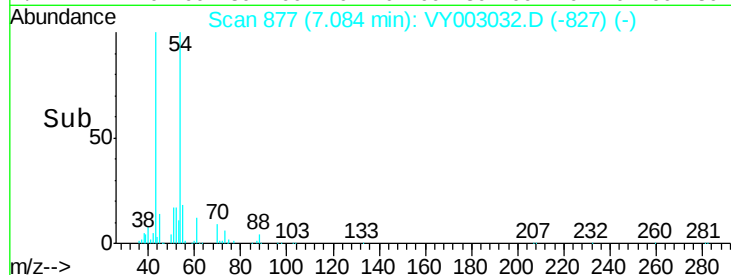
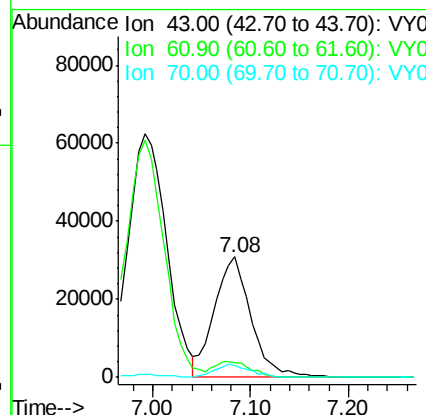
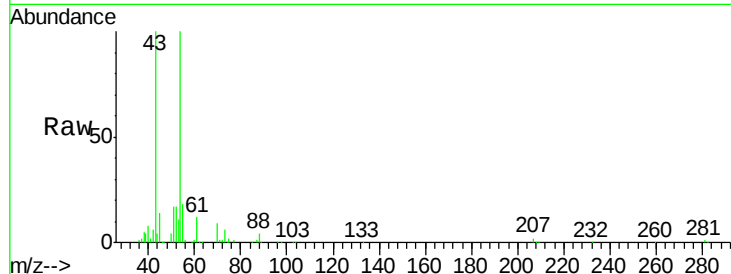
#37
Ethyl Acetate
Concen: 19.023 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.2	10.4	15.6
70	10.4	7.7	11.5

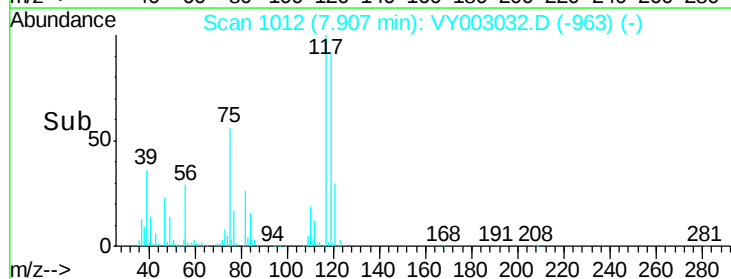
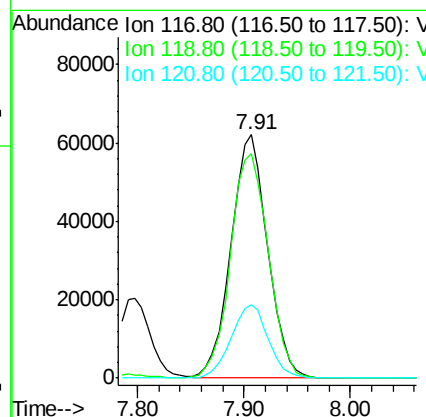
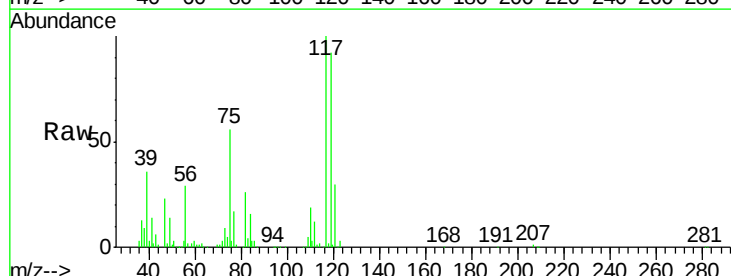
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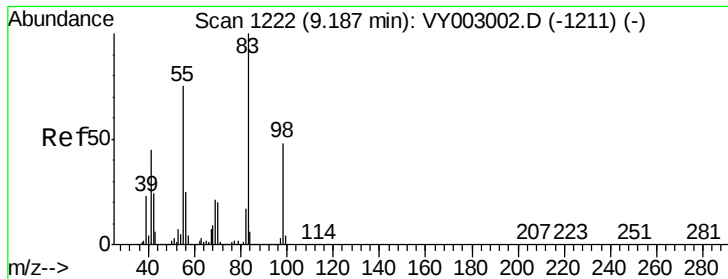
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#38
Carbon Tetrachloride
Concen: 20.420 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.7	113.5
121	30.0	23.9	35.9





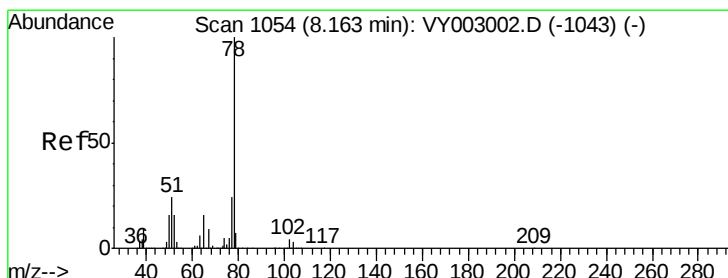
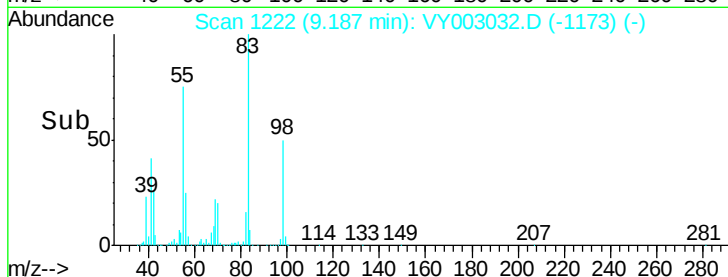
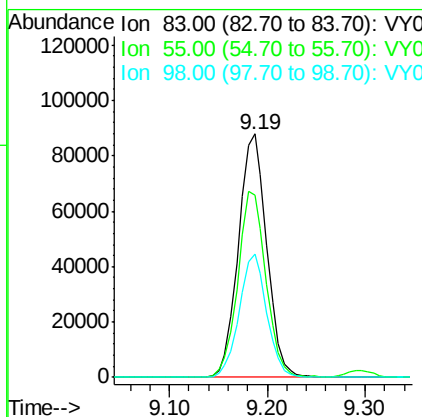
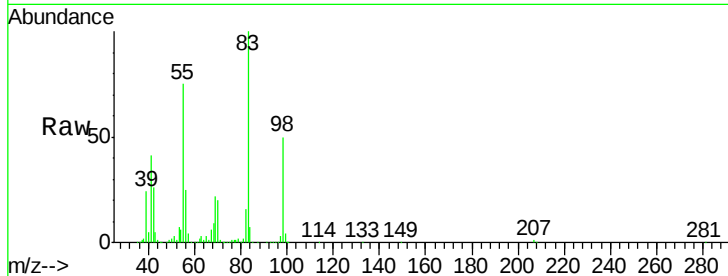
#39
Methvlcvclohexane
Concen: 20.165 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.7	59.9	89.9
98	50.4	38.7	58.1

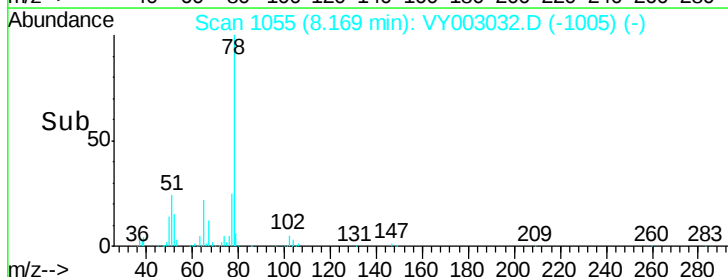
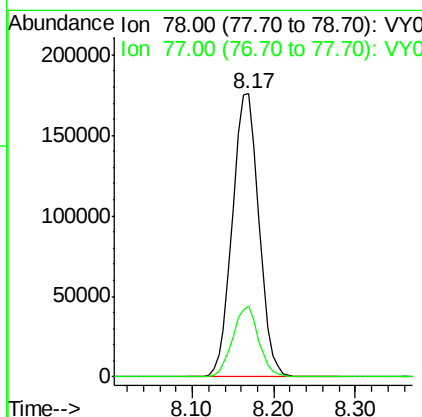
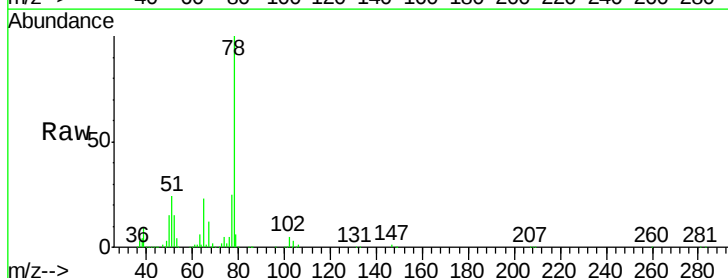
Manual Integrations
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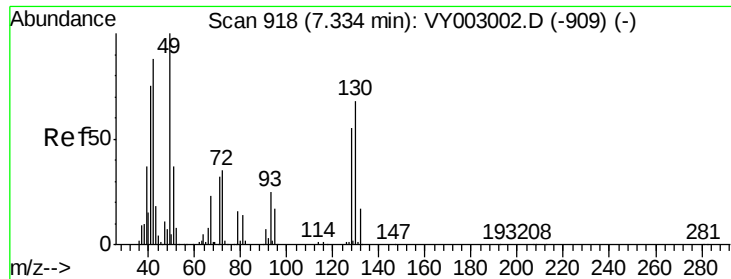
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#40
Benzene
Concen: 20.347 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.2	28.8





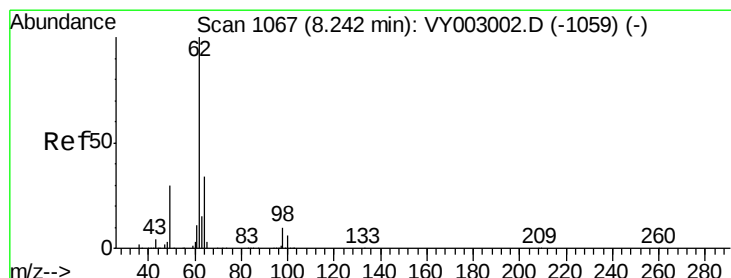
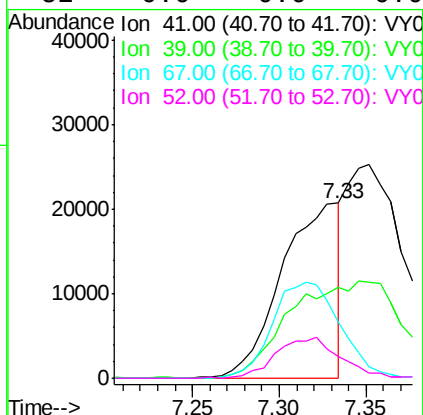
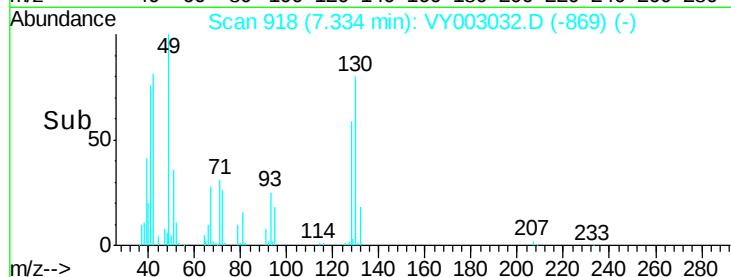
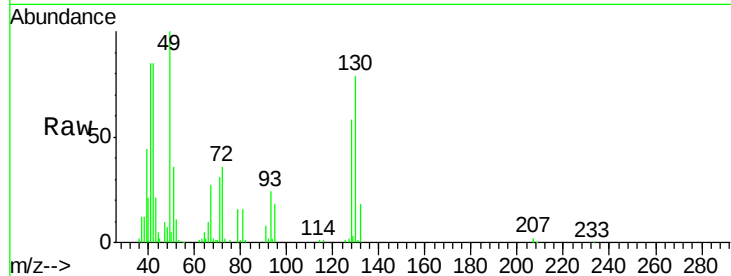
#41
Methacrylonitrile
Concen: 21.356 ug/l m
RT: 7.33 min Scan# 918
Delta R.T. 0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	105.8	85.7	128.5
67	0.0	0.0	0.0
52	0.0	0.0	0.0

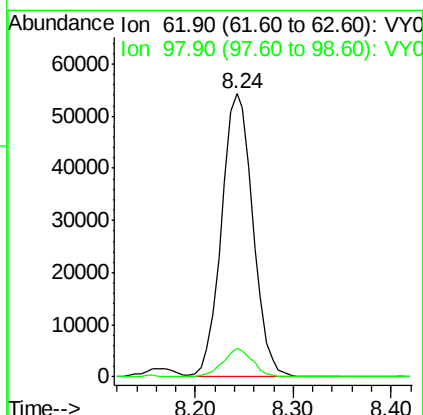
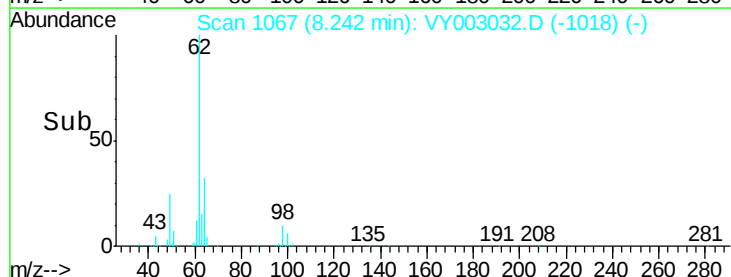
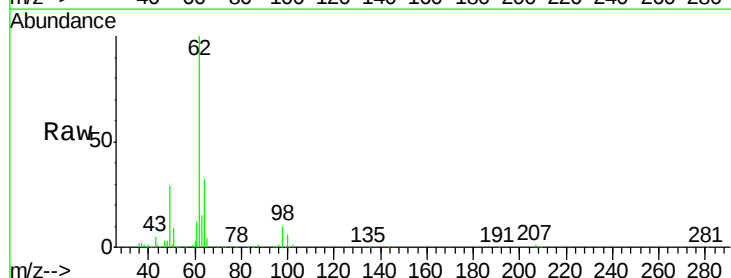
Manual Integrations
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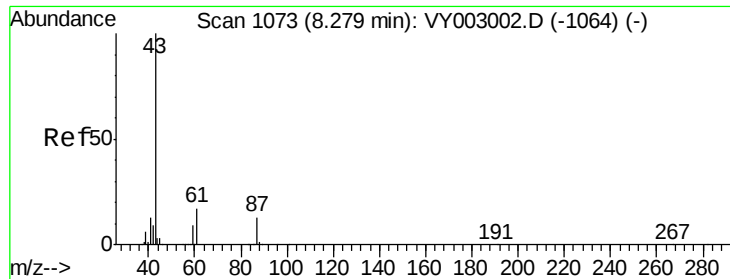
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#42
1,2-Dichloroethane
Concen: 19.773 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.2





#43

Isopropyl Acetate

Concen: 18.498 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

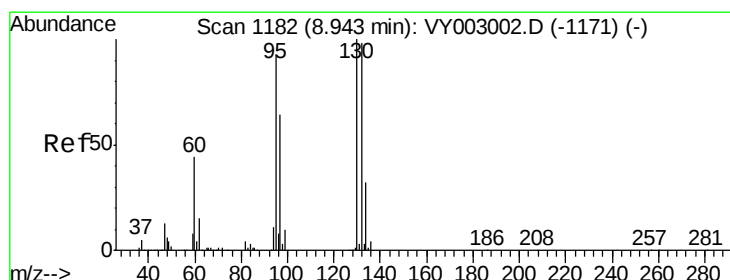
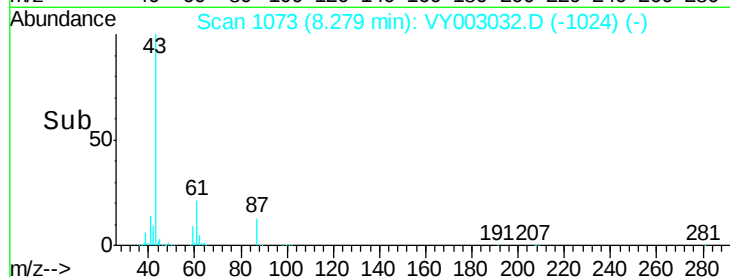
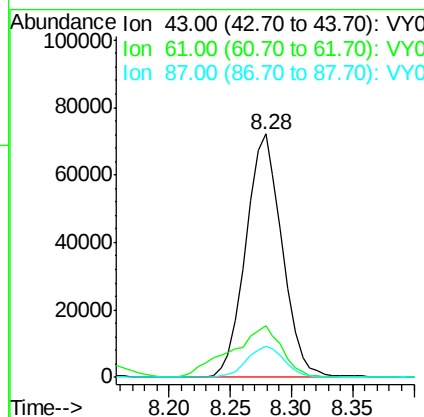
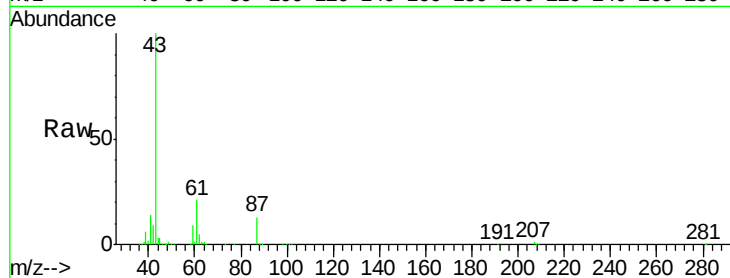
ClientSampleId :

VY0630SBS01

Tot Ion:	43	Resp:	149081
Ion Ratio	Lower	Upper	
43	100		
61	29.8	21.8	32.6
87	13.3	10.1	15.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.786 ug/l

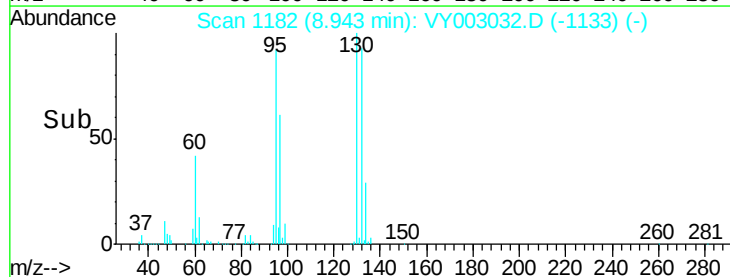
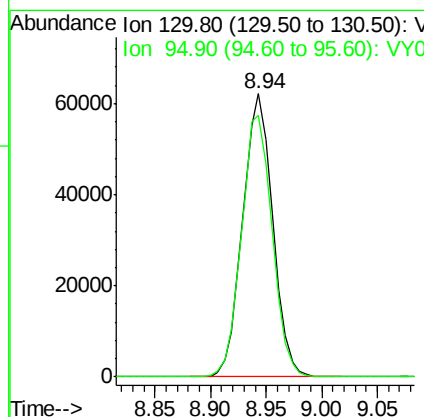
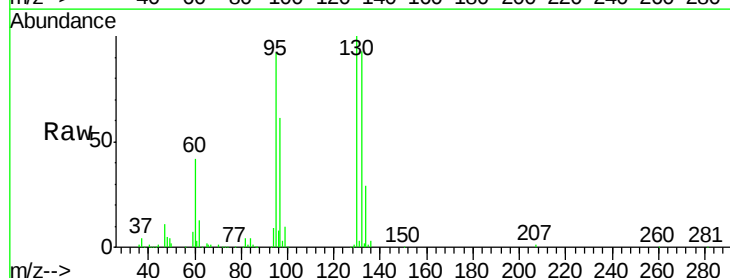
RT: 8.94 min Scan# 1182

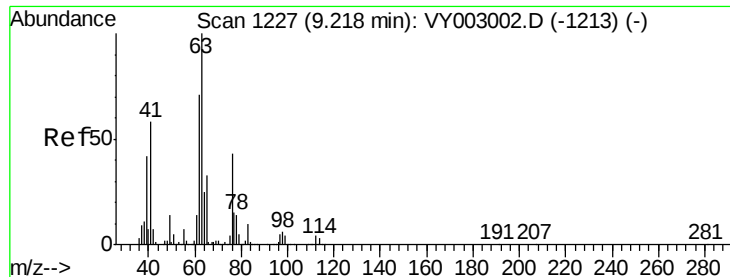
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	130	Resp:	116627
Ion Ratio	Lower	Upper	
130	100		
95	92.5	0.0	186.4





#45

1,2-Dichloropropane

Concen: 19.601 ug/l

RT: 9.22 min Scan# 1227

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 63 Resp: 101798

Ion Ratio Lower Upper

63 100

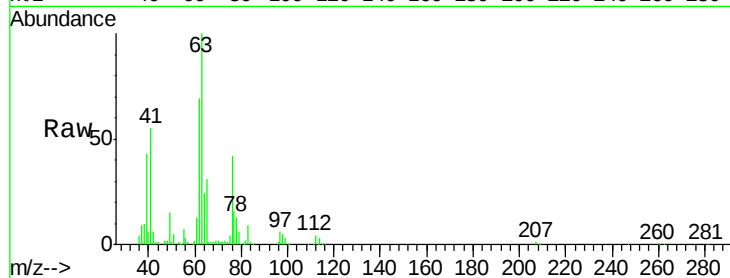
65 31.4 26.2 39.4

Manual Integrations

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sam

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Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 64.90 (64.60 to 65.60): VY0

9.22

60000

50000

40000

30000

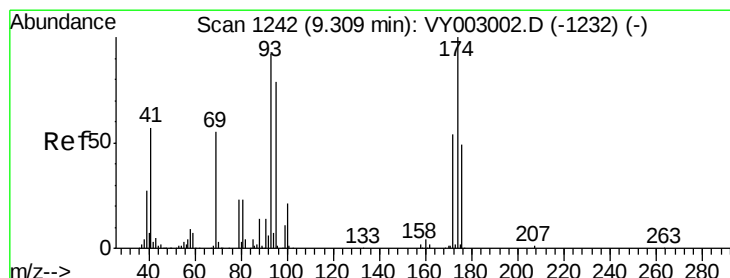
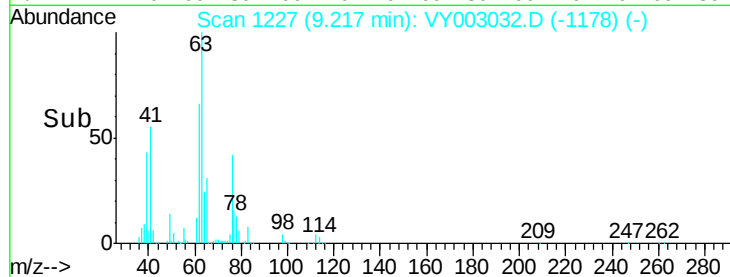
20000

10000

0

Time-->

9.10 9.20 9.30



#46

Dibromomethane

Concen: 19.273 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

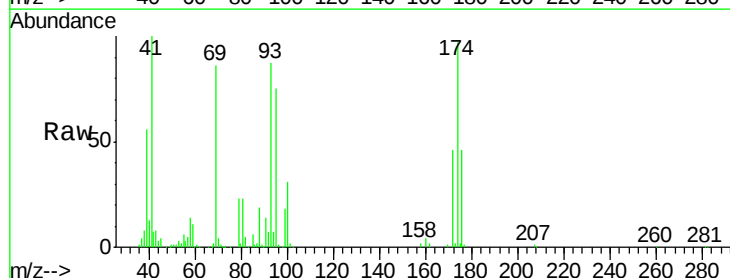
Tgt Ion: 93 Resp: 55903

Ion Ratio Lower Upper

93 100

95 84.6 67.6 101.4

174 116.5 88.3 132.5



Abundance Ion 92.80 (92.50 to 93.50): VY0

Ion 94.80 (94.50 to 95.50): VY0

Ion 173.70 (173.40 to 174.40): V

50000

40000

30000

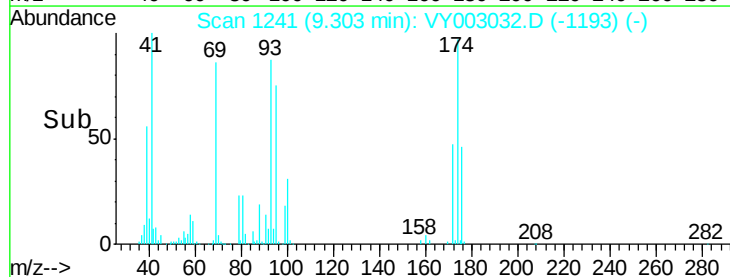
20000

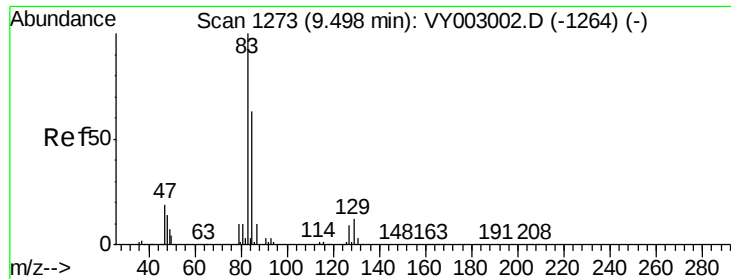
10000

0

Time-->

9.20 9.25 9.30 9.35 9.40





#47

Bromodichloromethane

Concen: 20.060 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

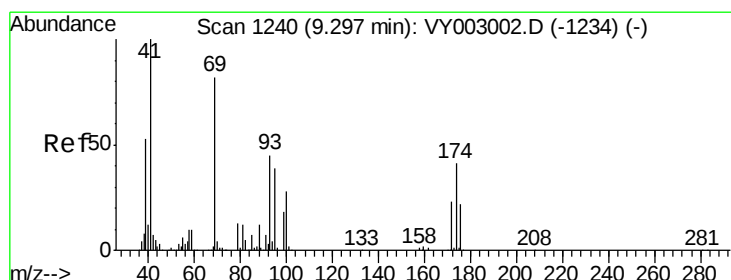
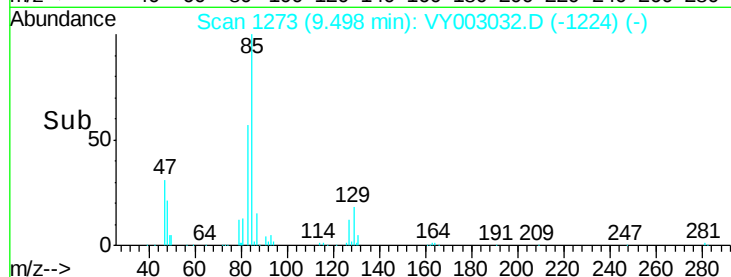
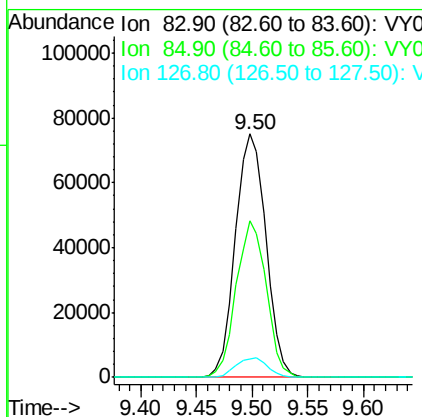
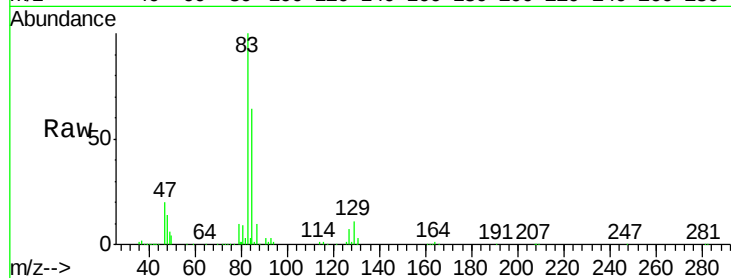
ClientSampleId :

VY0630SBS01

Tot Ion:	83	Resp:	142479
Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.5	75.7
127	7.5	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.793 ug/l

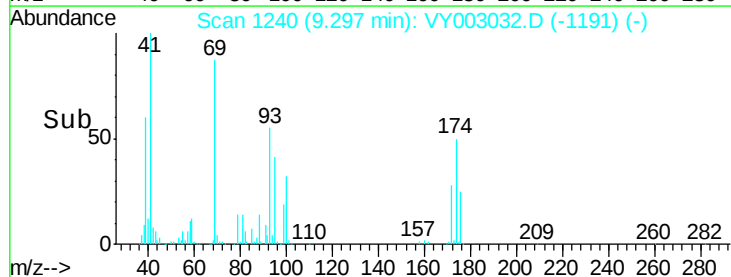
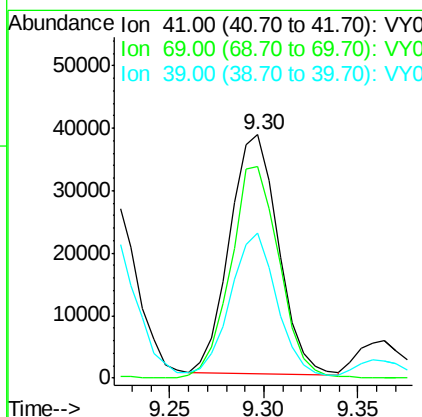
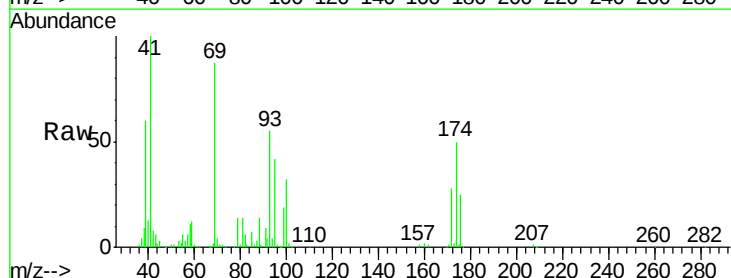
RT: 9.30 min Scan# 1240

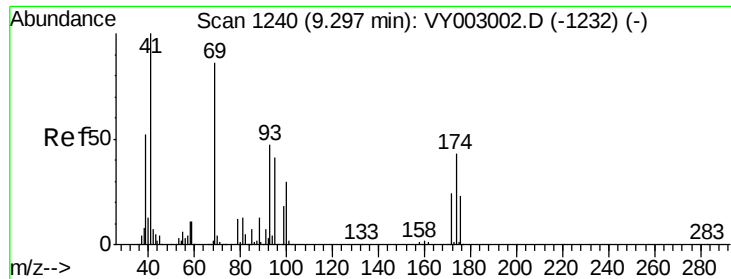
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	41	Resp:	68942
Ion	Ratio	Lower	Upper
41	100		
69	88.2	67.7	101.5
39	58.7	45.0	67.4





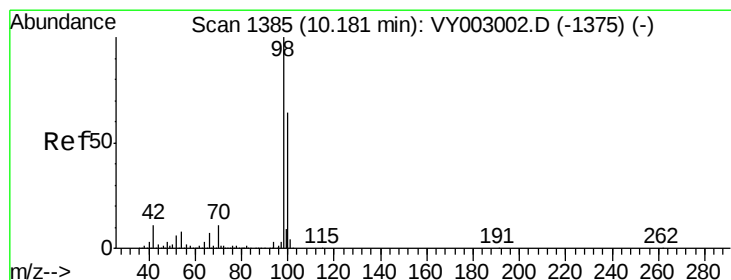
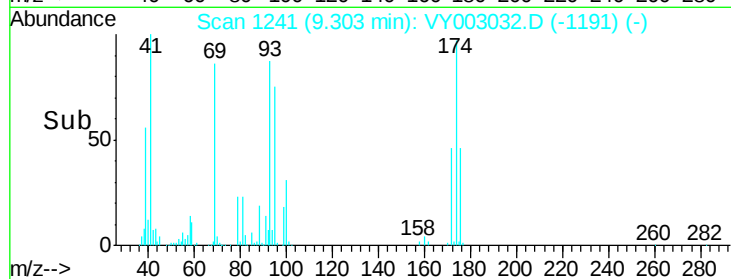
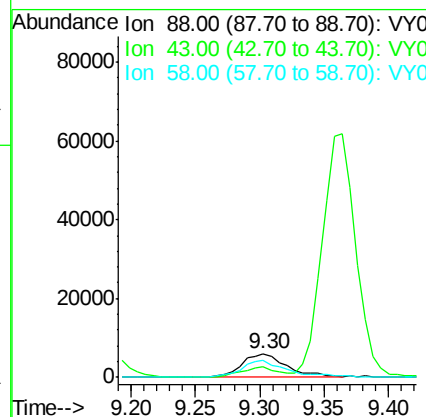
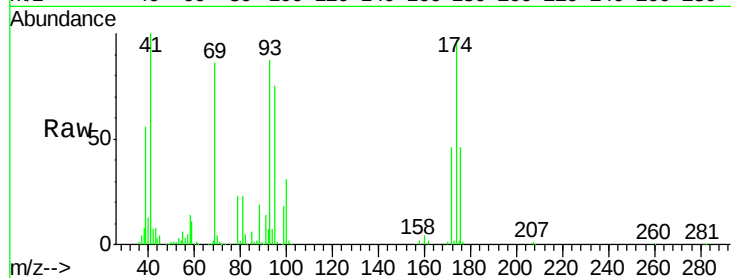
#49
1,4-Dioxane
Concen: 414.286 ug/l
RT: 9.30 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	88	Resp	14669
Ion Ratio	100	Lower	Upper
88	100		
43	33.5	28.6	42.8
58	66.9	56.7	85.1

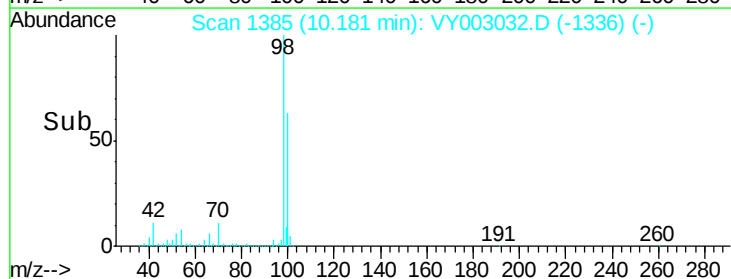
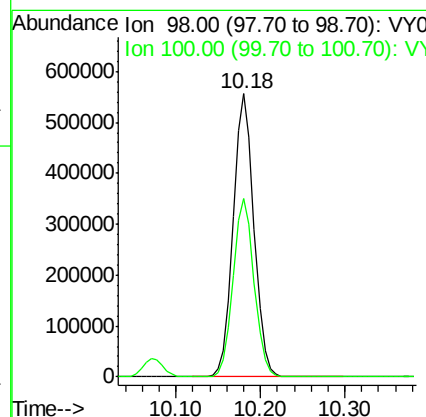
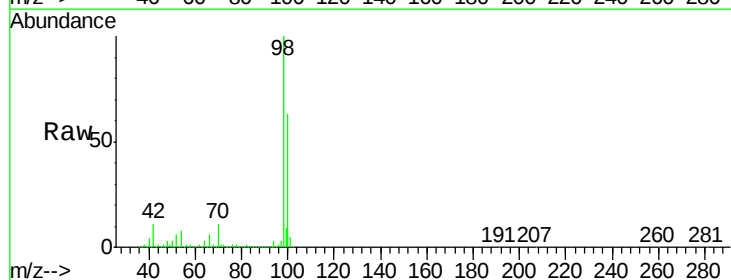
Manual Integrations
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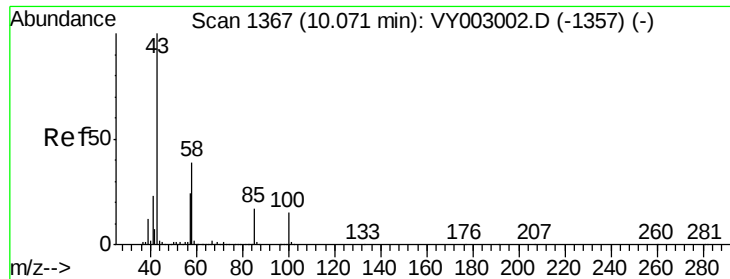
Sam
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#50
Toluene-d8
Concen: 54.750 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	98	Resp	931410
Ion Ratio	100	Lower	Upper
98	100		
100	63.7	51.1	76.7





#51

4-Methyl-2-Pentanone

Concen: 92.522 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 43 Resp: 385408

Ion Ratio Lower Upper

43 100

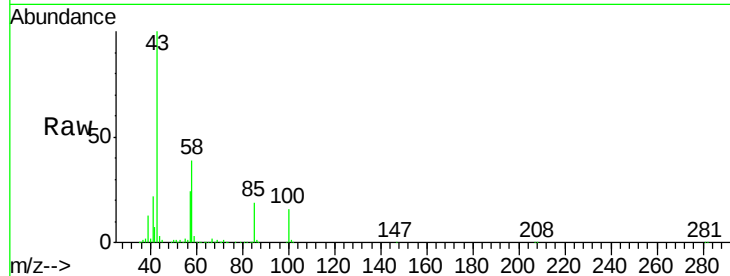
58 40.0 31.1 46.7

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

250000

200000

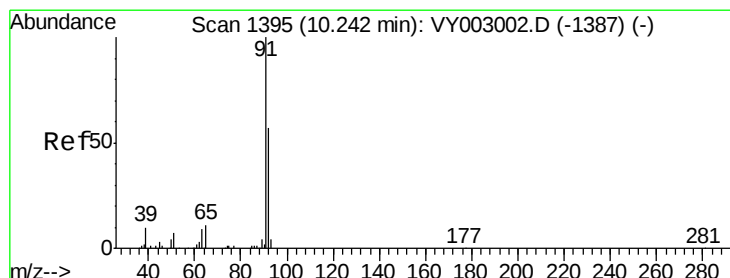
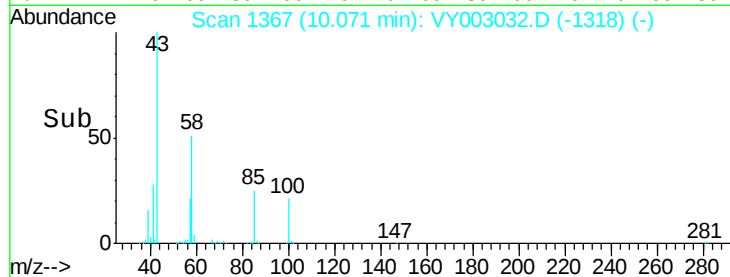
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.430 ug/l

RT: 10.25 min Scan# 1396

Delta R.T. 0.01 min

Lab File: VY003032.D

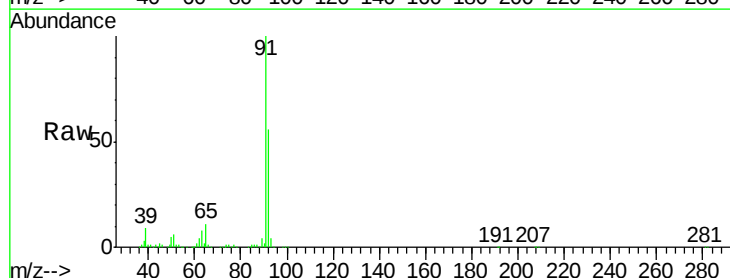
Acq: 30 Jun 2020 13:50

Tgt Ion: 92 Resp: 248258

Ion Ratio Lower Upper

92 100

91 174.5 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.25

250000

200000

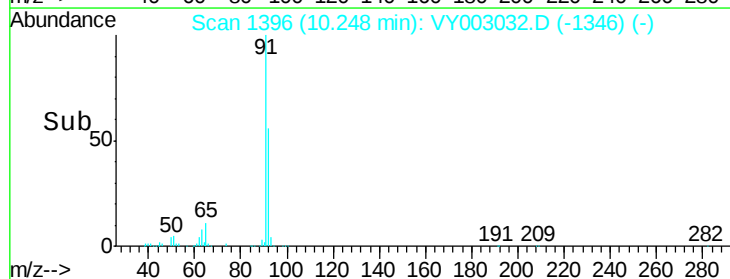
150000

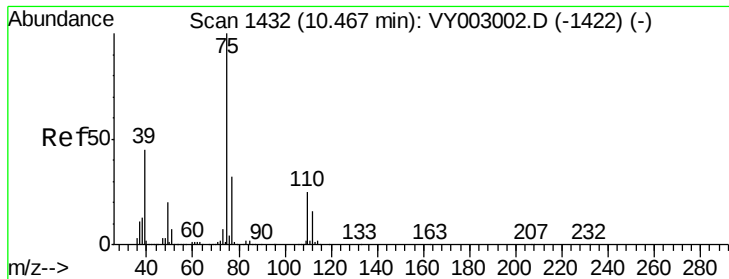
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.604 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 75 Resp: 145984

Ion Ratio Lower Upper

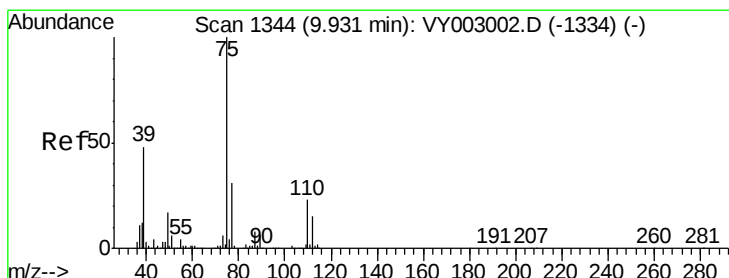
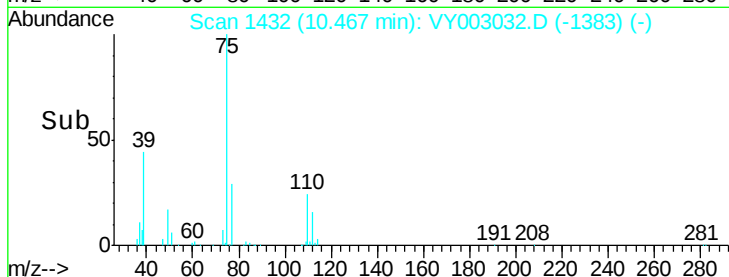
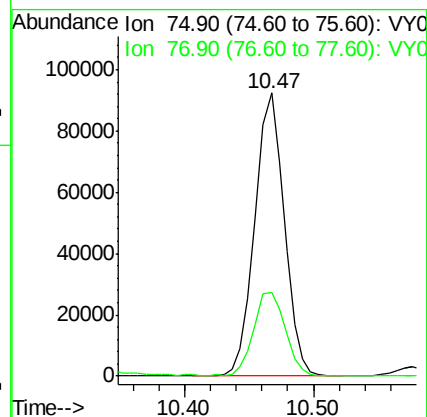
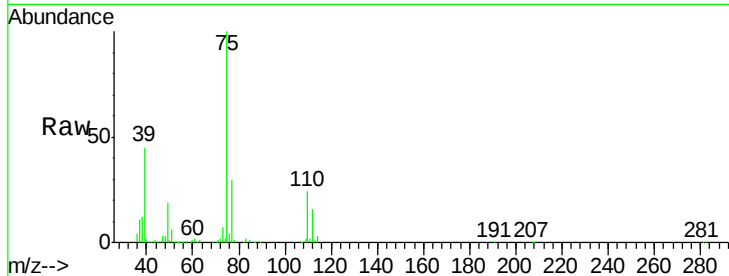
75 100

77 29.6 25.9 38.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.844 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

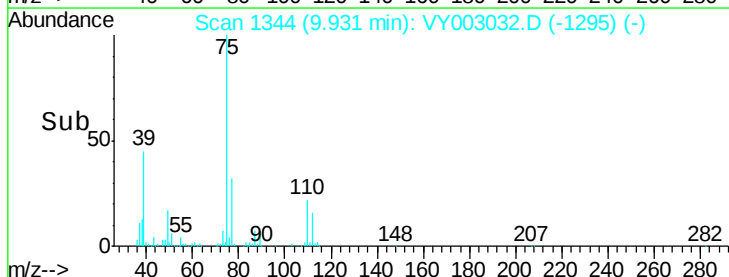
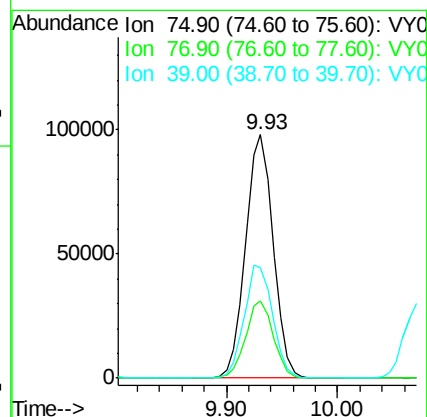
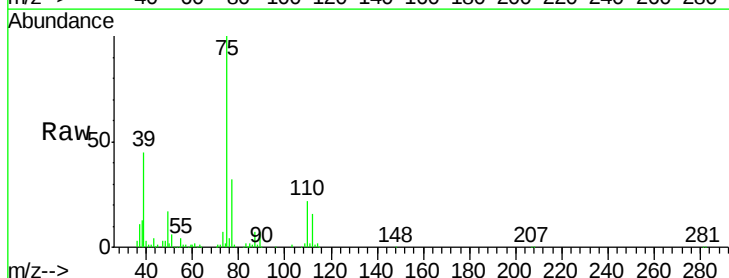
Tgt Ion: 75 Resp: 168994

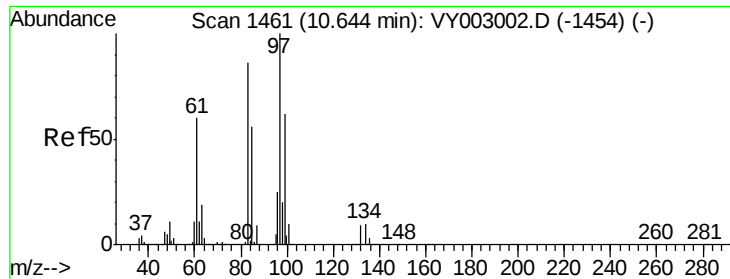
Ion Ratio Lower Upper

75 100

77 31.6 24.6 37.0

39 45.5 38.3 57.5





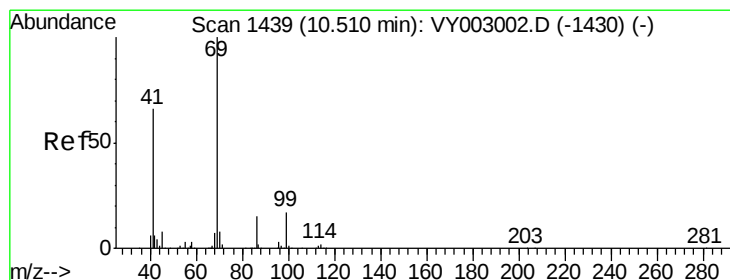
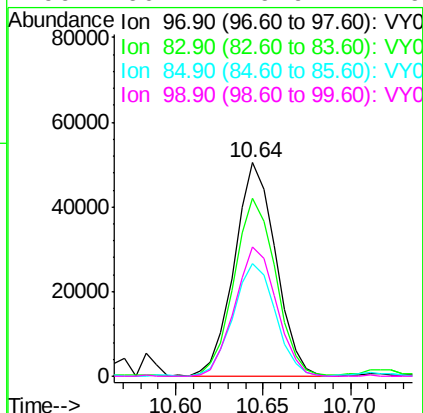
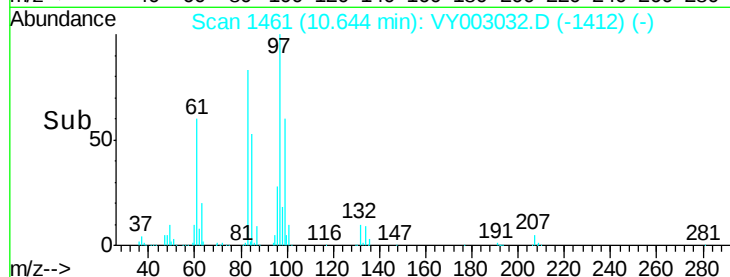
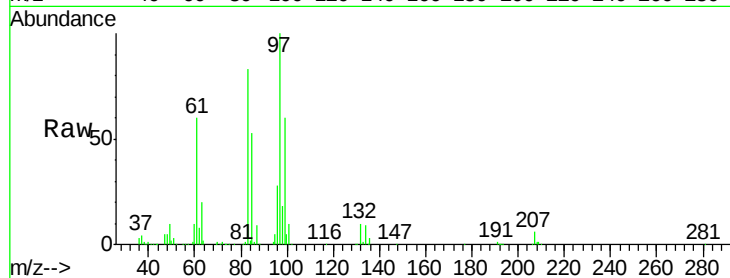
#55
 1,1,2-Trichloroethane
 Concen: 20.567 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion:	97	Resp:	82900
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.0	103.6
85	52.5	44.8	67.2
99	60.4	49.9	74.9

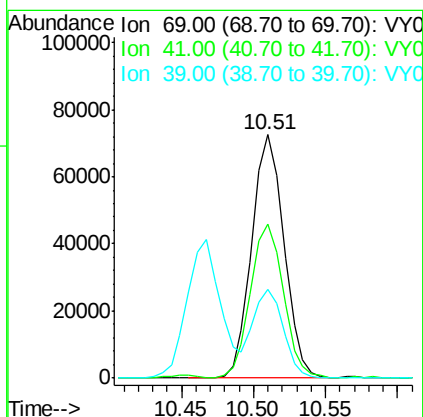
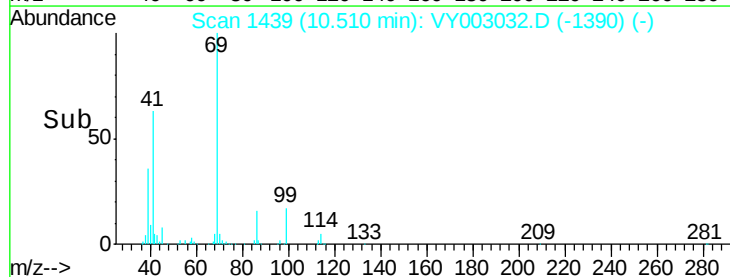
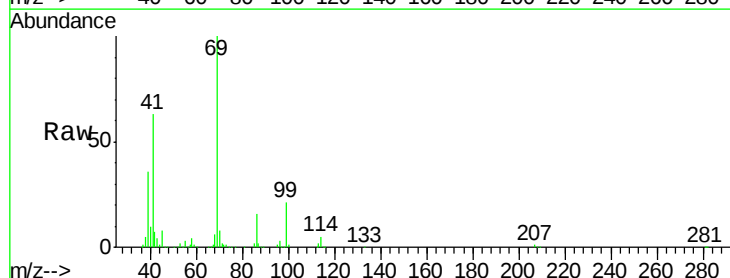
Manual Integrations
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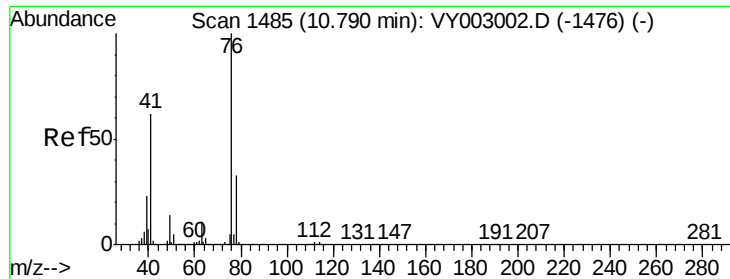
Sam
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#56
 Ethyl methacrylate
 Concen: 19.304 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion:	69	Resp:	112629
Ion	Ratio	Lower	Upper
69	100		
41	64.0	53.7	80.5
39	33.5	28.3	42.5





#57

1,3-Dichloropropane

Concen: 19.923 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 76 Resp: 140976

Ion Ratio Lower Upper

76 100

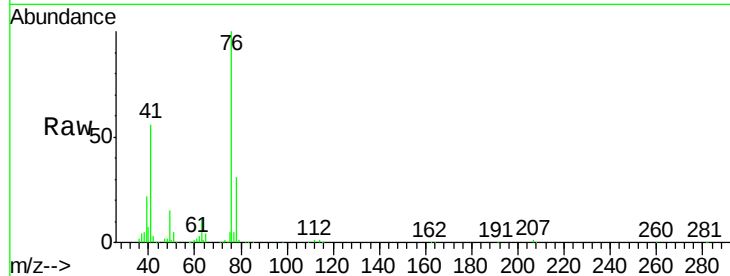
78 31.6 26.0 39.0

Manual Integrations

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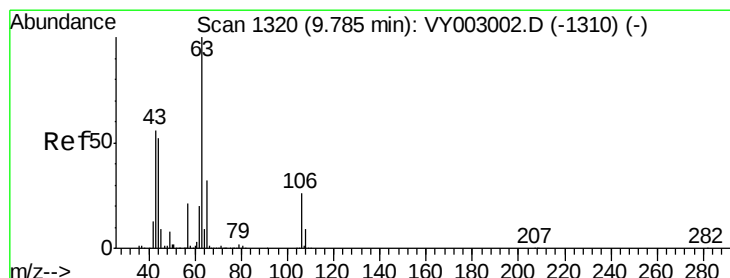
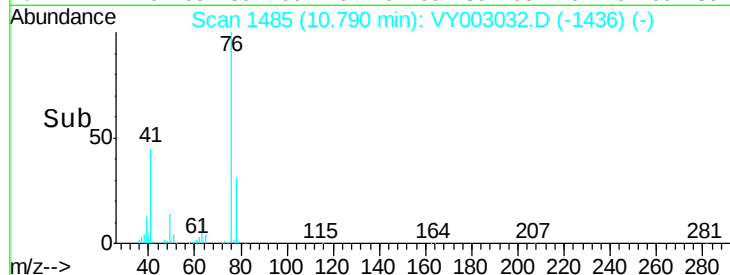
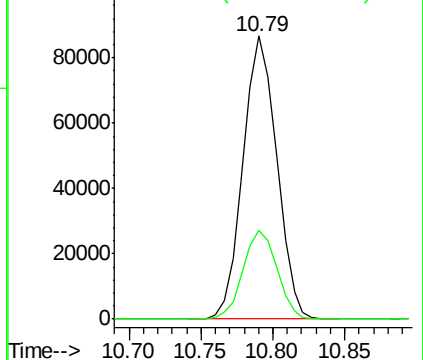
sam

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 88.206 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003032.D

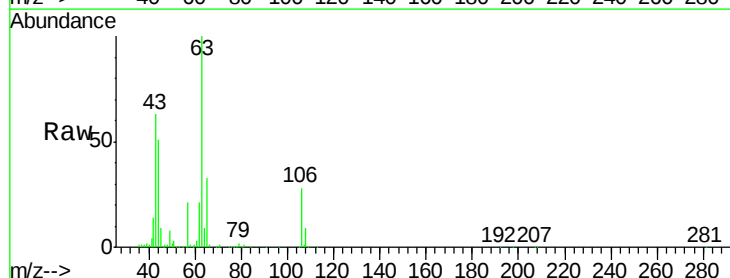
Acq: 30 Jun 2020 13:50

Tgt Ion: 63 Resp: 263949

Ion Ratio Lower Upper

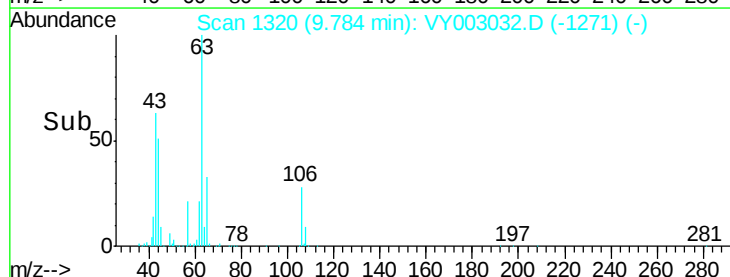
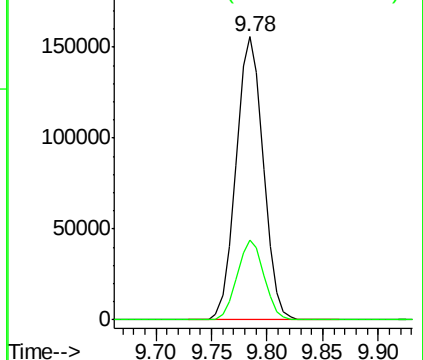
63 100

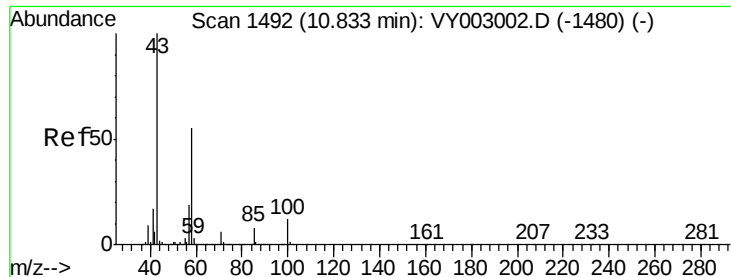
106 27.8 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V





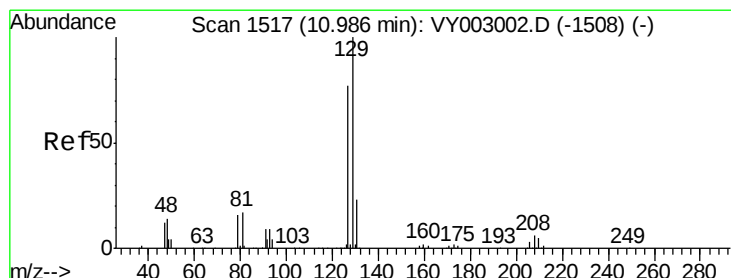
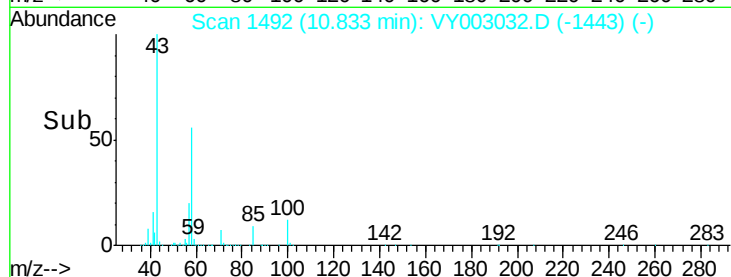
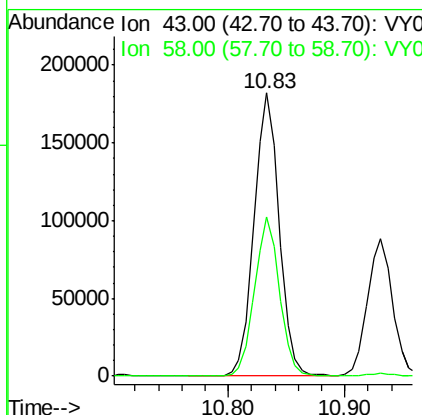
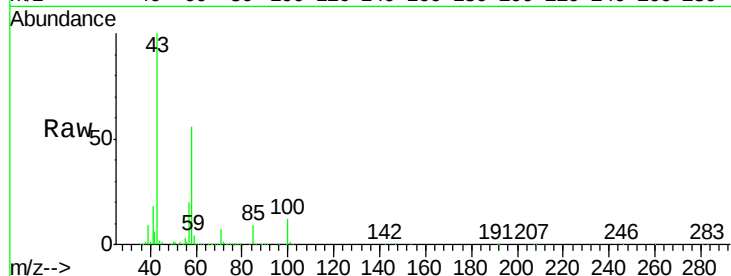
#59
2-Hexanone
Concen: 94.535 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	27.5	82.4

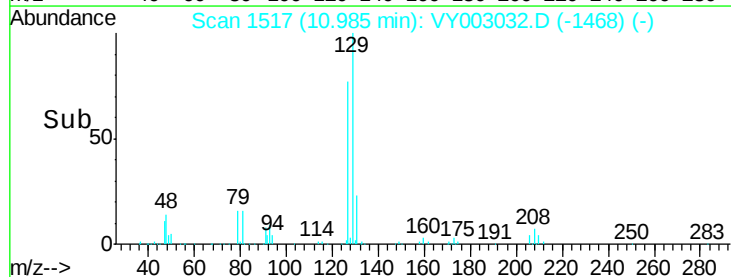
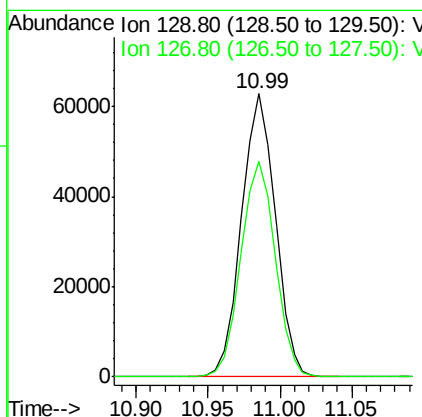
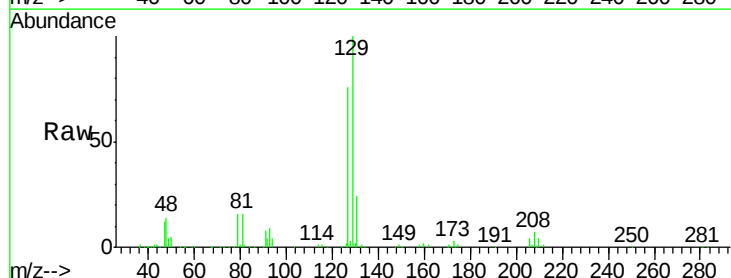
Manual Integrations
APPROVED

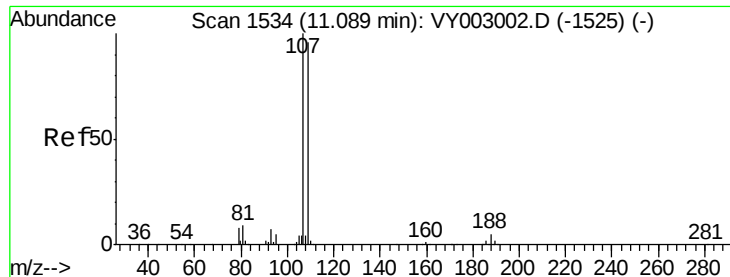
Sam
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#60
Dibromochloromethane
Concen: 19.822 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.5	39.1	117.3





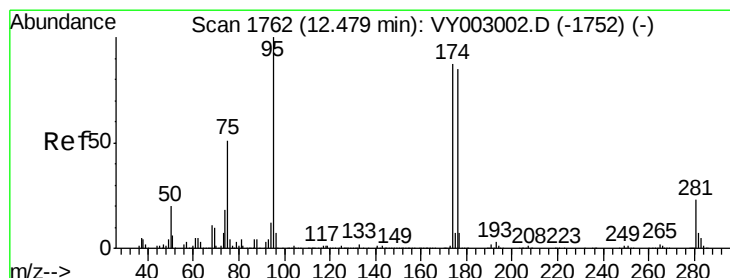
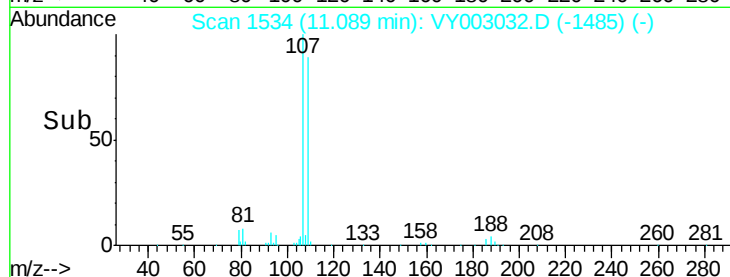
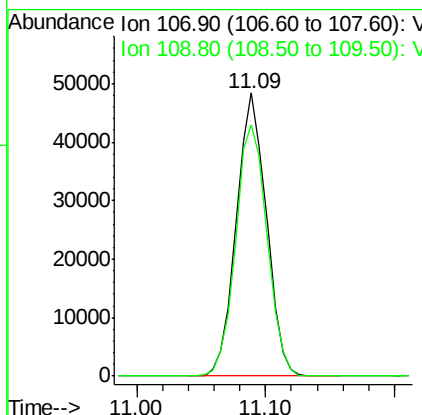
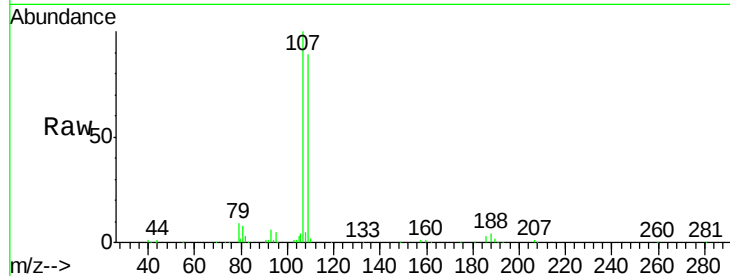
#61
 1,2-Dibromoethane
 Concen: 19.709 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	92.6	75.8	113.8

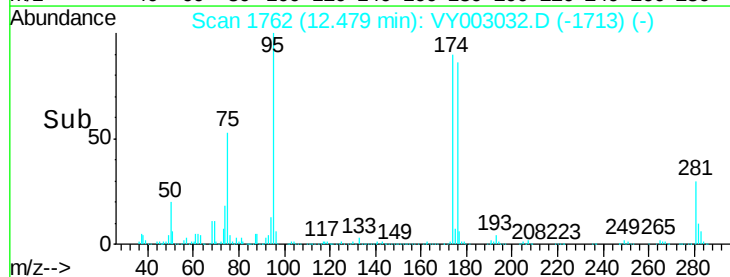
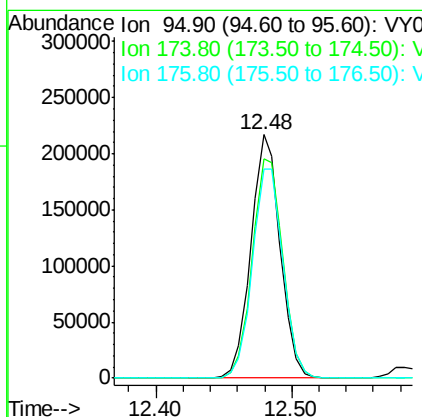
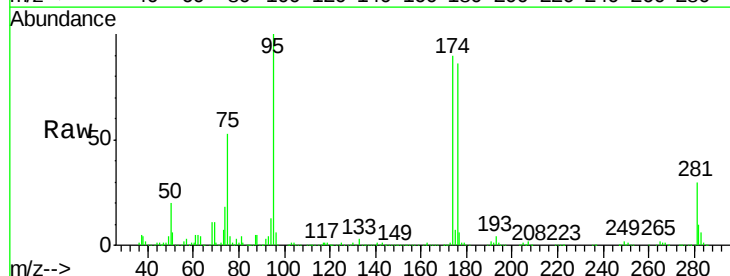
Manual Integrations
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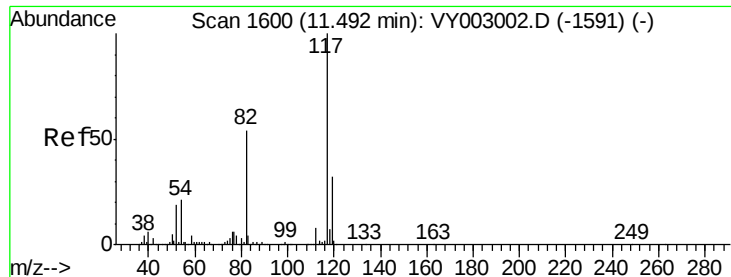
sam
 7/1/2020 10:11:35 PM



#62
 4-Bromofluorobenzene
 Concen: 54.627 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	184.8
176	90.0	0.0	183.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

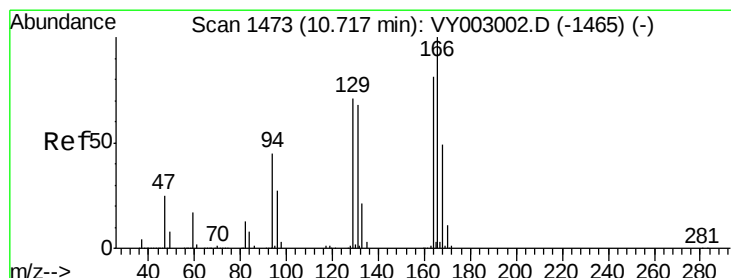
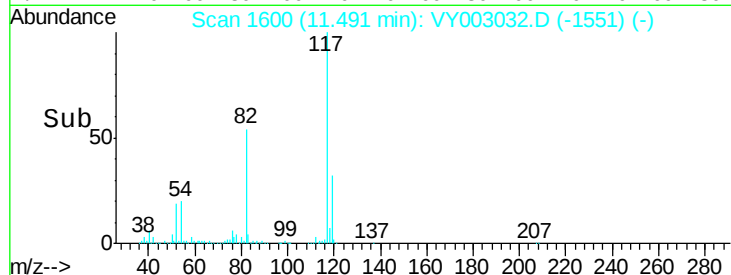
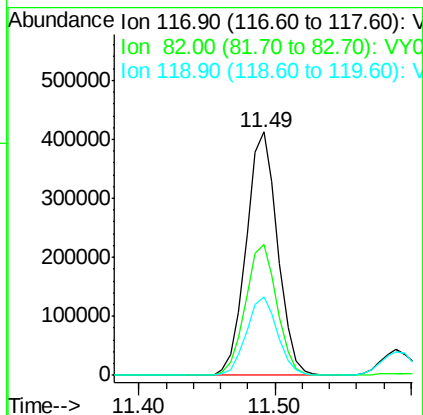
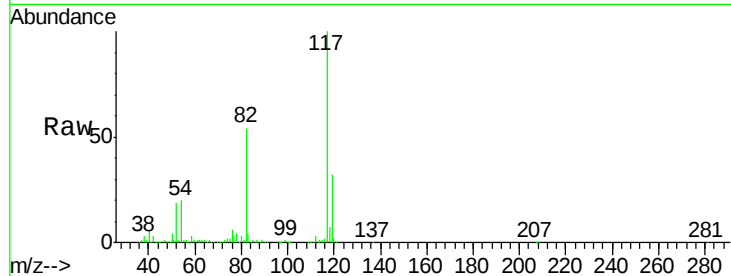
ClientSampleId :

VY0630SBS01

Tot Ion:	117	Resp:	663648
Ion Ratio	Lower	Upper	
117	100		
82	53.9	43.0	64.6
119	32.1	25.8	38.8

Manual Integrations
APPROVED

sam
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#64

Tetrachloroethene

Concen: 20.575 ug/l

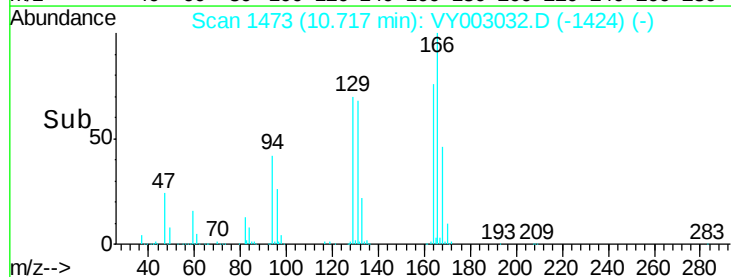
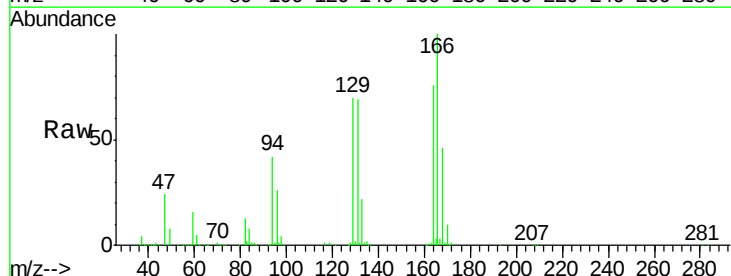
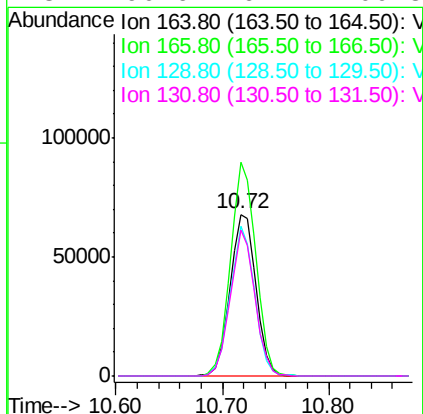
RT: 10.72 min Scan# 1473

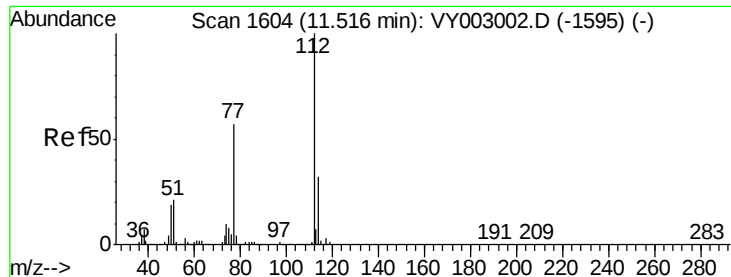
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	164	Resp:	115562
Ion Ratio	Lower	Upper	
164	100		
166	132.2	98.5	147.7
129	93.1	69.7	104.5
131	90.6	67.2	100.8





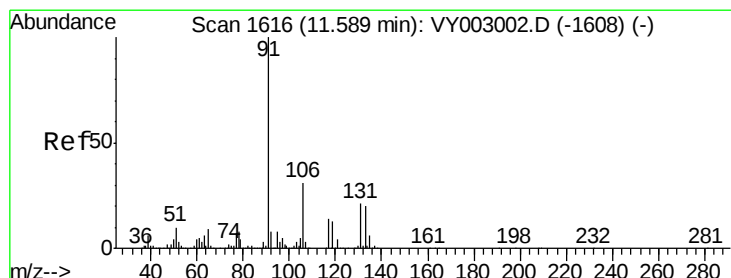
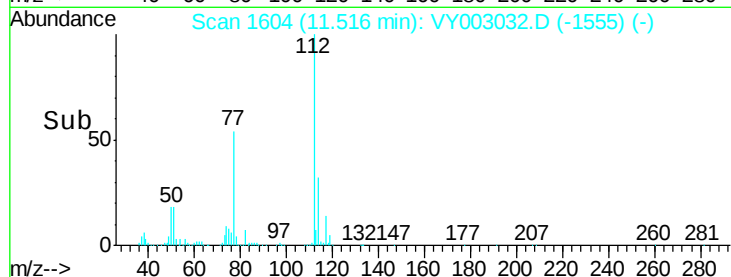
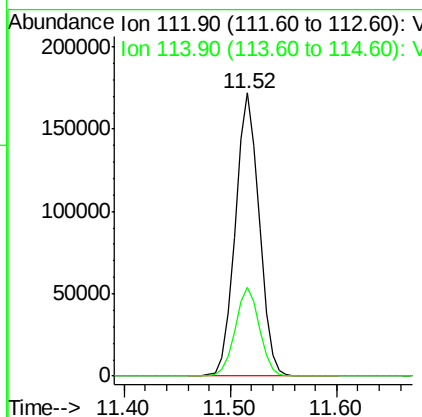
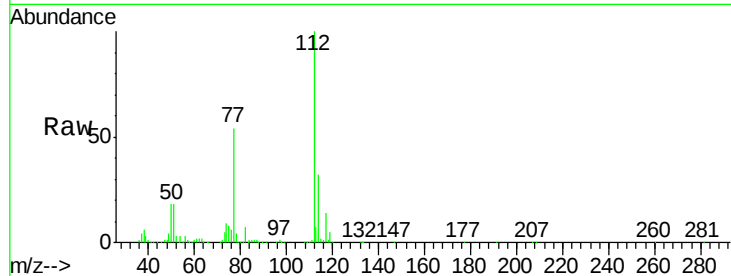
#65
Chlorobenzene
Concen: 20.700 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	25.7	38.5

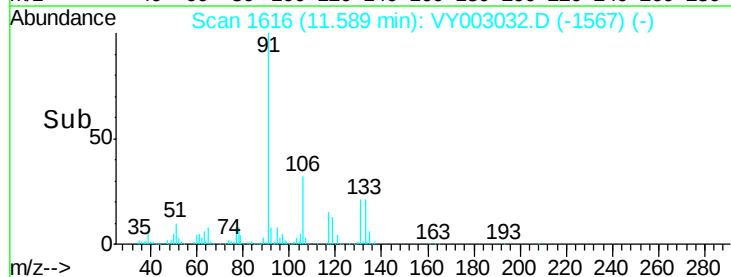
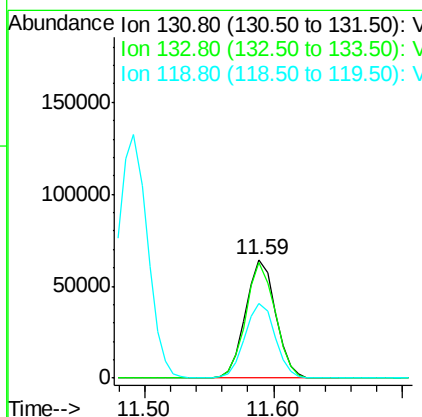
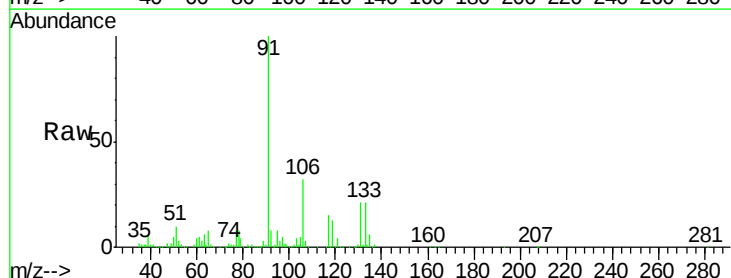
Manual Integrations
APPROVED

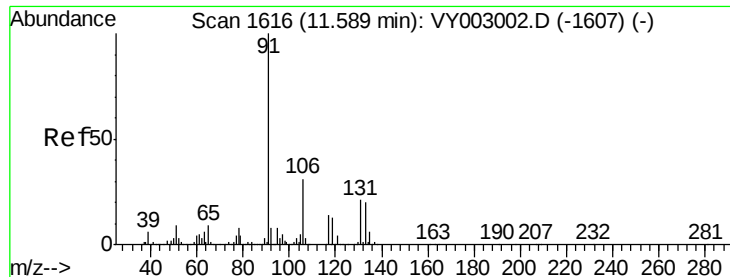
sam
7/1/2020 10:11:35 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 20.237 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.7	47.9	143.8
119	63.8	31.8	95.3





#67

Ethyl Benzene

Concen: 20.381 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 91 Resp: 487924

Ion Ratio Lower Upper

91 100

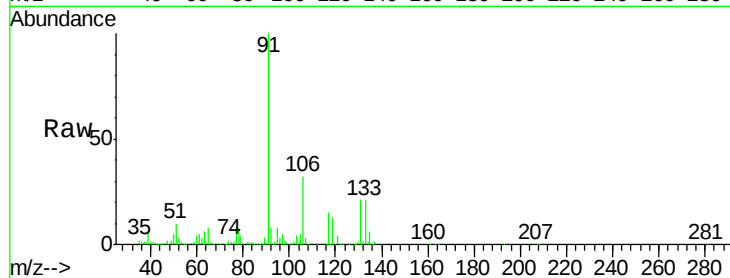
106 31.6 25.0 37.4

Manual Integrations

APPROVED

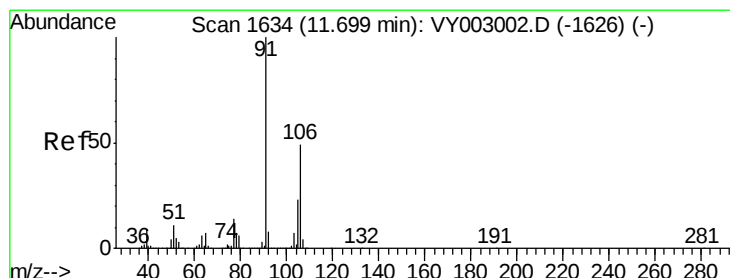
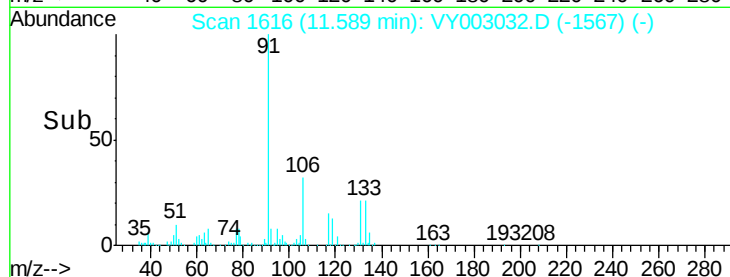
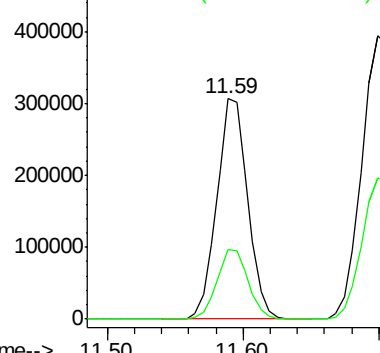
Sam

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Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 41.280 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. -0.00 min

Lab File: VY003032.D

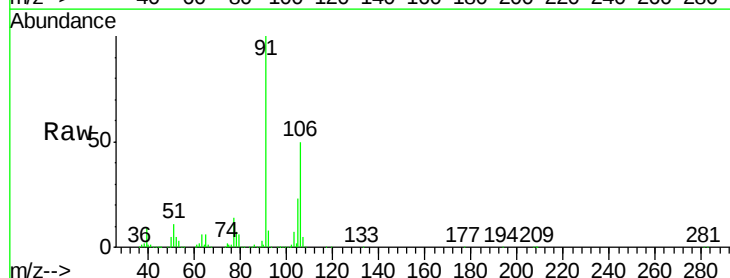
Acq: 30 Jun 2020 13:50

Tgt Ion: 106 Resp: 367803

Ion Ratio Lower Upper

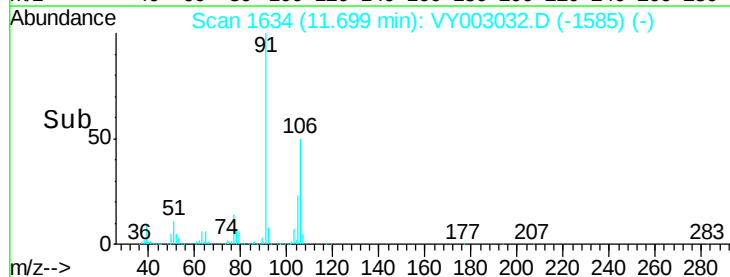
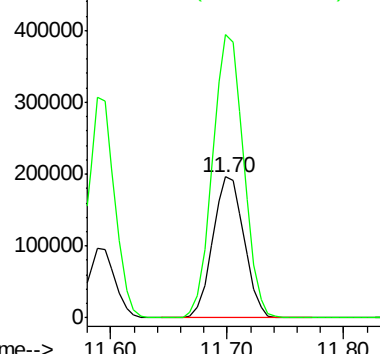
106 100

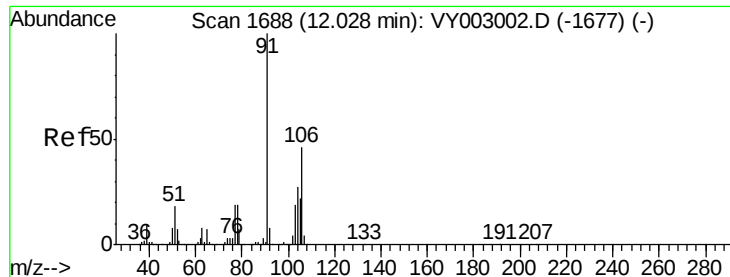
91 199.6 161.9 242.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0





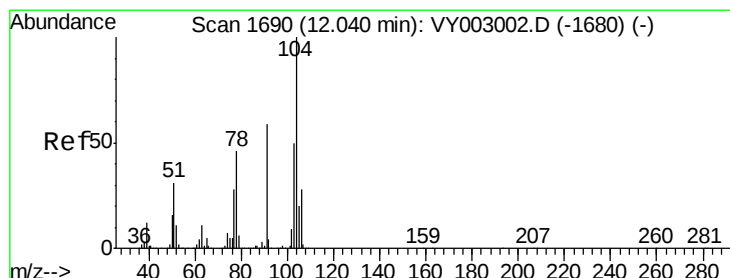
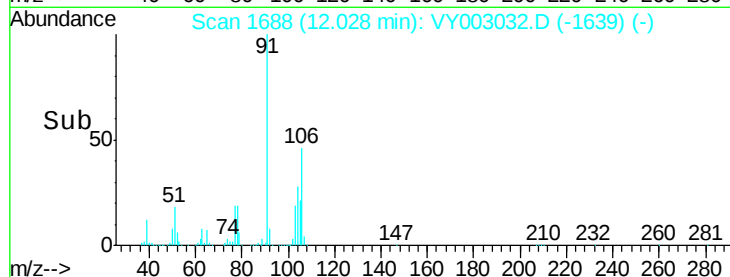
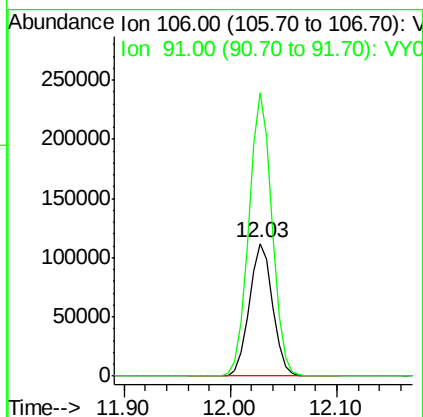
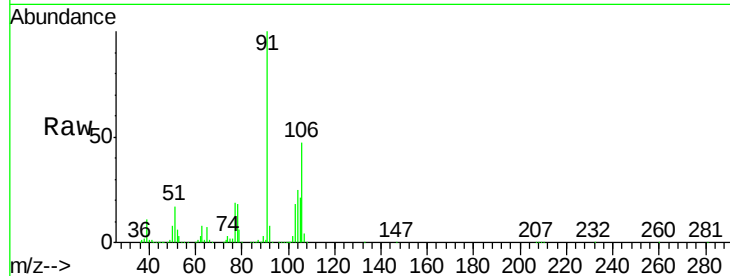
#69
o-Xylene
Concen: 20.537 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion:106 Resp: 172427
Ion Ratio Lower Upper
106 100
91 211.4 107.9 323.8

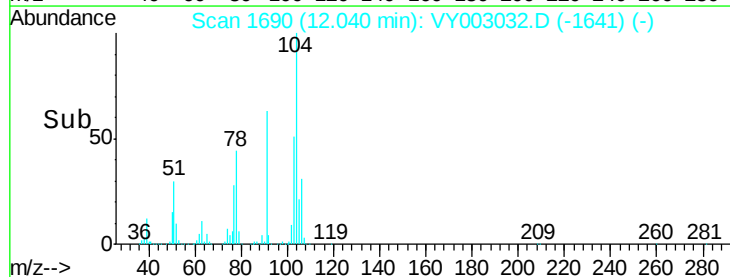
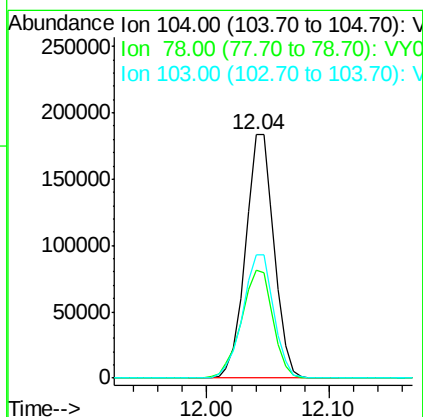
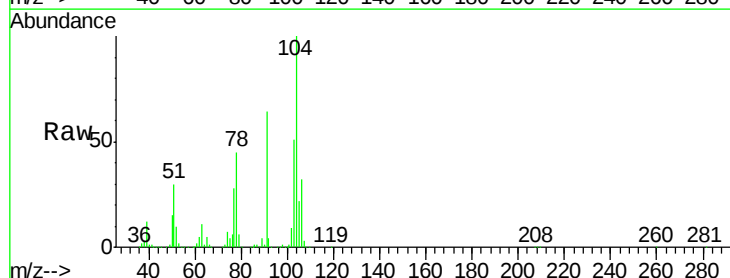
Manual Integrations
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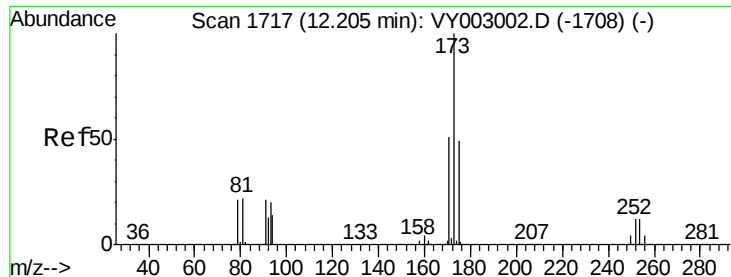
sam
7/1/2020 10:11:35 PM



#70
Styrene
Concen: 20.793 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion:104 Resp: 298247
Ion Ratio Lower Upper
104 100
78 49.0 40.4 60.6
103 55.0 44.1 66.1





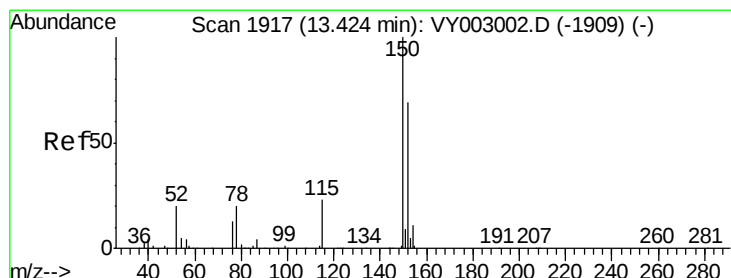
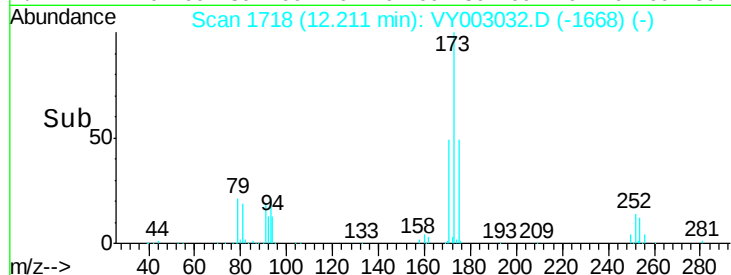
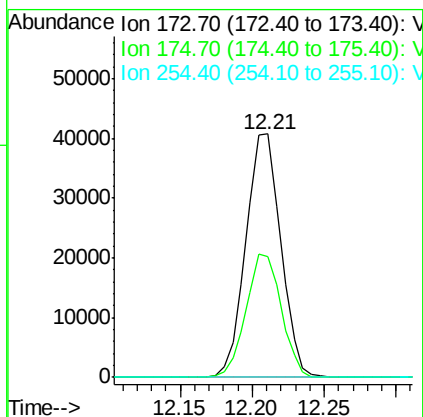
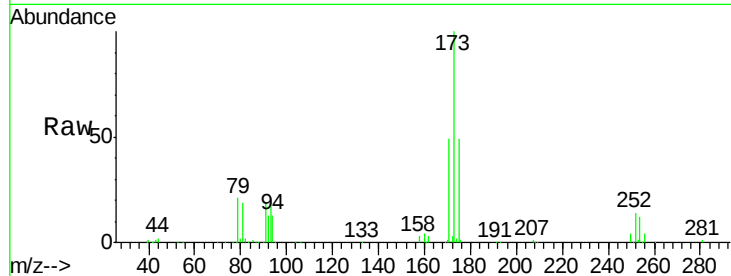
#71
Bromoform
Concen: 20.083 ug/l
RT: 12.21 min Scan# 1718
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	50.7	24.6	73.6
254	0.1	0.2	0.2

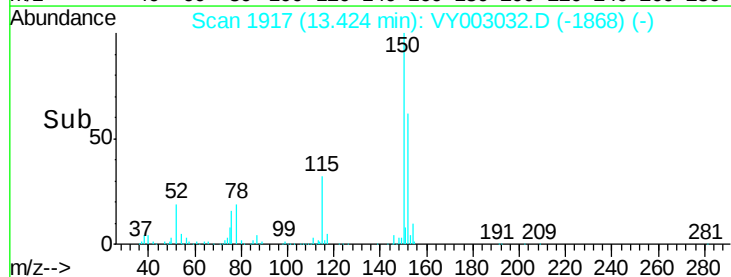
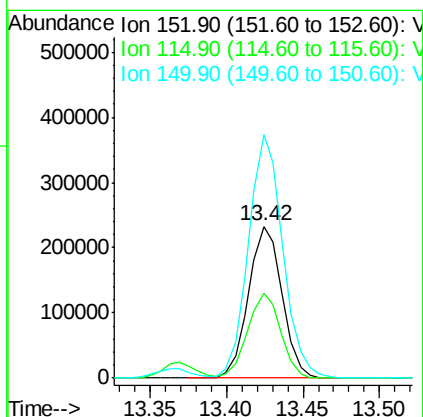
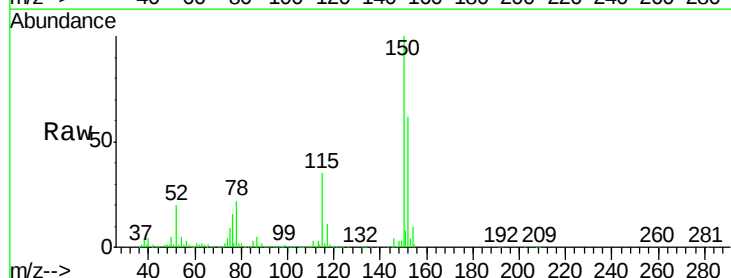
Manual Integrations
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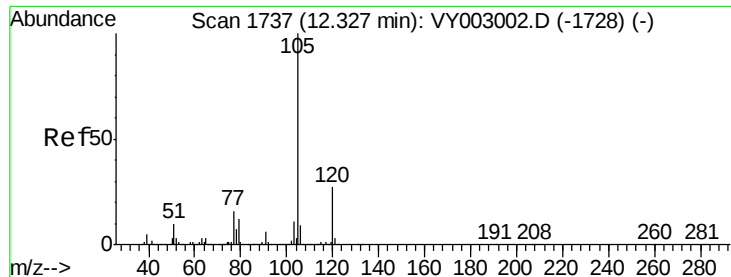
sam
7/1/2020 10:11:35 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.3	81.9
150	164.4	0.0	343.4





#73

Isopropylbenzene

Concen: 20.746 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 105 Resp: 480928

Ion Ratio Lower Upper

105 100

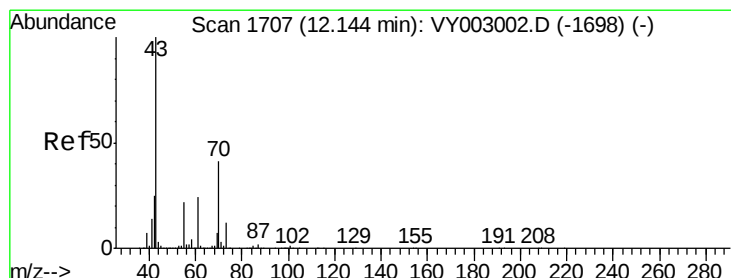
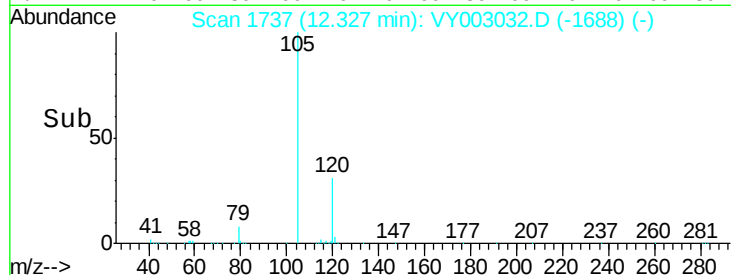
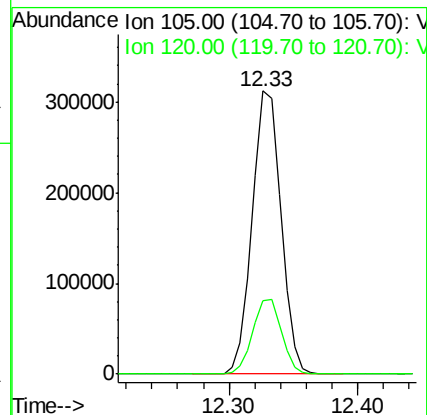
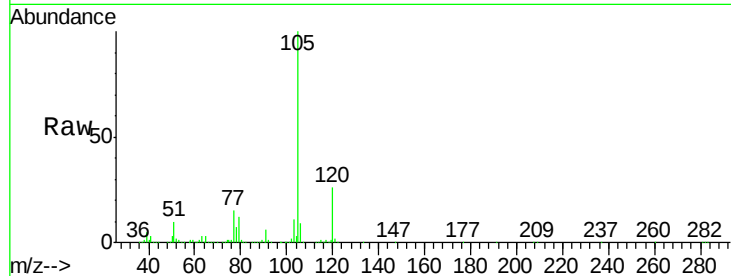
120 26.4 13.4 40.1

Manual Integrations

APPROVED

sam

7/1/2020 10:11:35 PM



#74

N-ethyl acetate

Concen: 18.683 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion: 43 Resp: 140999

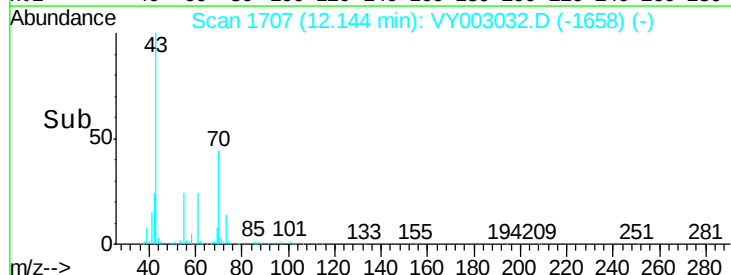
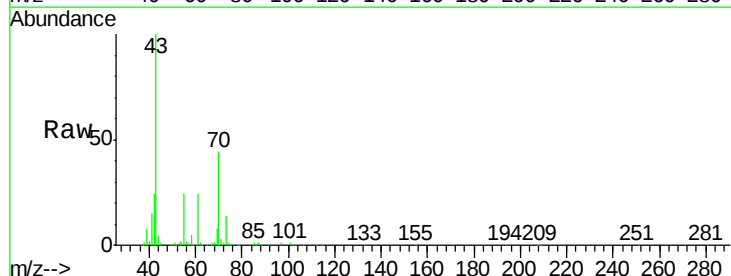
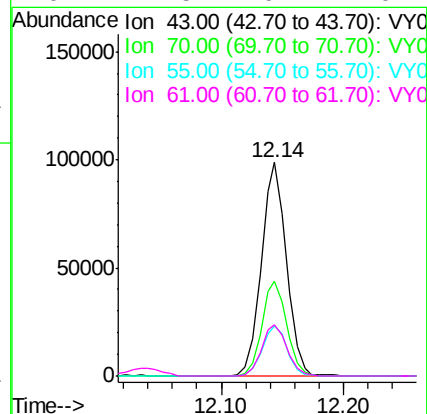
Ion Ratio Lower Upper

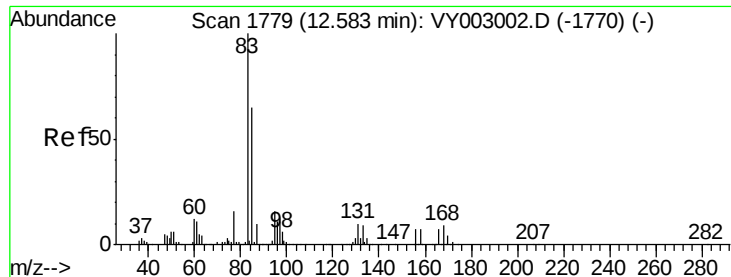
43 100

70 43.8 33.0 49.4

55 23.7 18.2 27.2

61 24.5 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.727 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

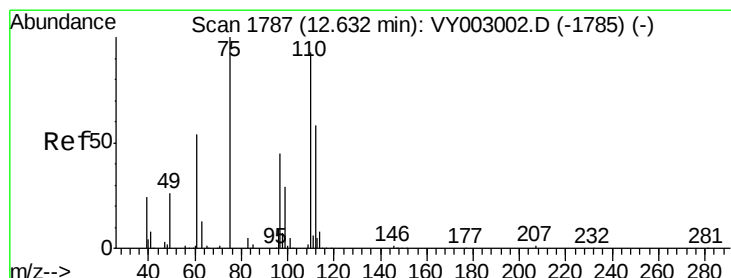
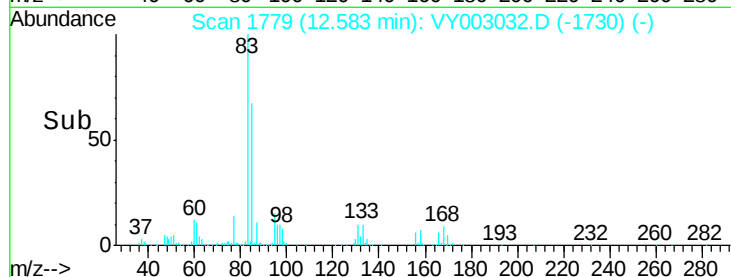
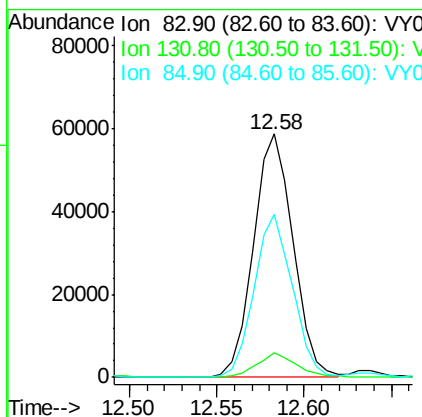
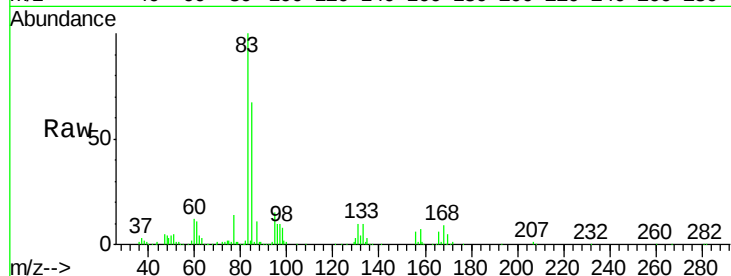
ClientSampled :

VY0630SBS01

Tot Ion:	83	Resp:	92289
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.3	16.1
85	64.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.031 ug/l m

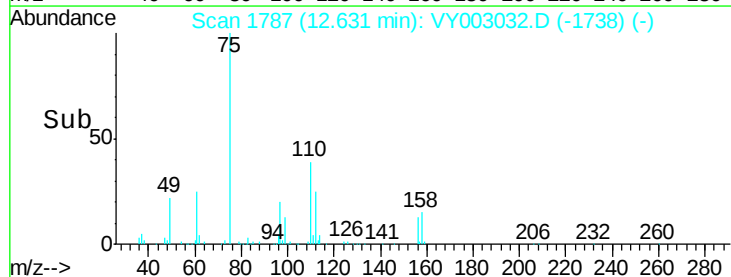
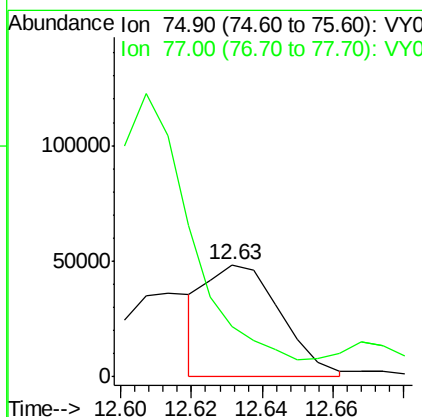
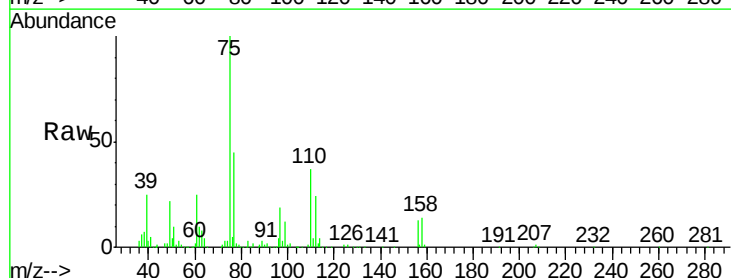
RT: 12.63 min Scan# 1787

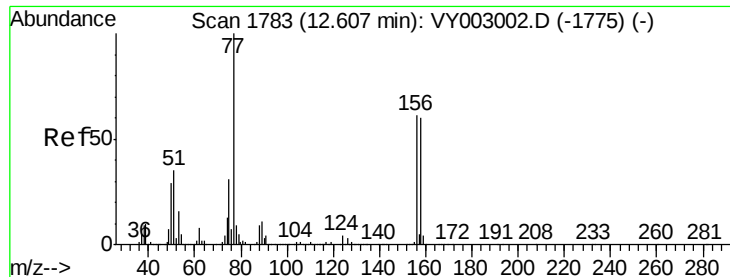
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	75	Resp:	70222
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.226 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

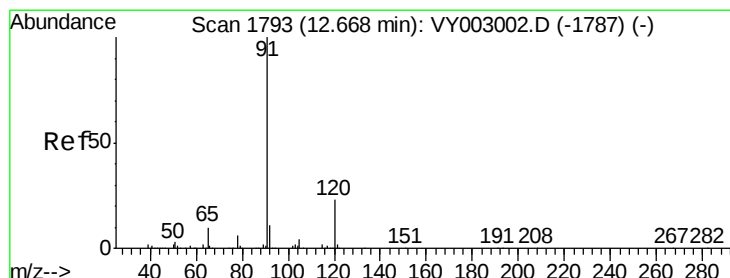
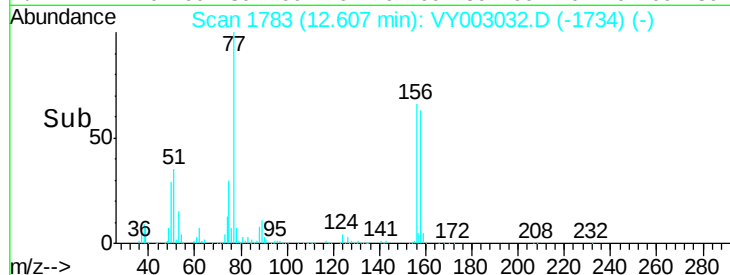
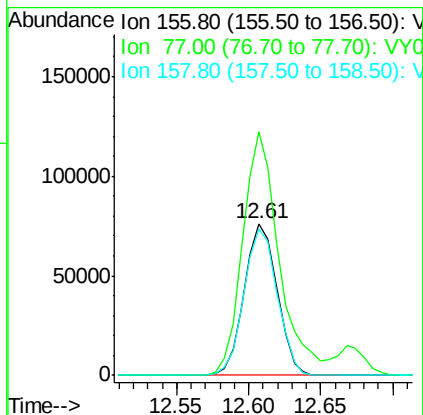
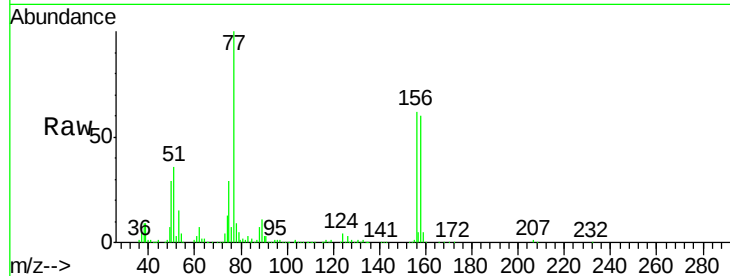
ClientSampleId :

VY0630SBS01

Tot Ion:	156	Resp:	120224
Ion Ratio	Lower	Upper	
156	100		
77	176.7	90.0	270.0
158	97.6	48.5	145.5

Manual Integrations
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Sam
7/1/2020 10:11:35 PM



#78

n-propylbenzene

Concen: 20.622 ug/l

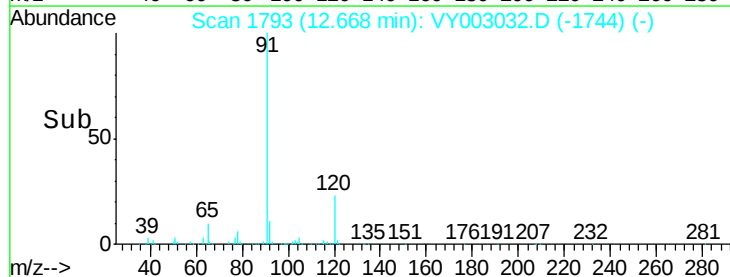
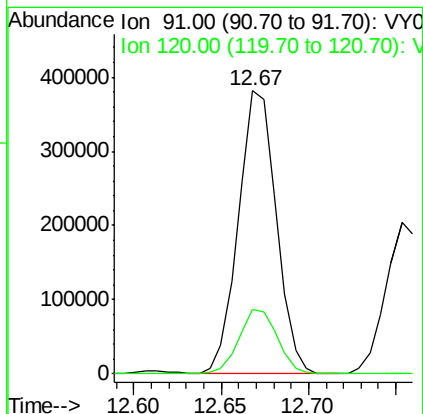
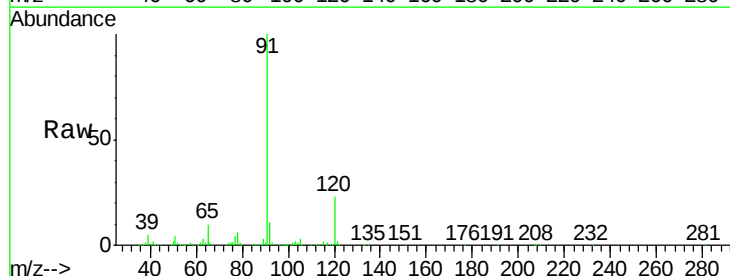
RT: 12.67 min Scan# 1793

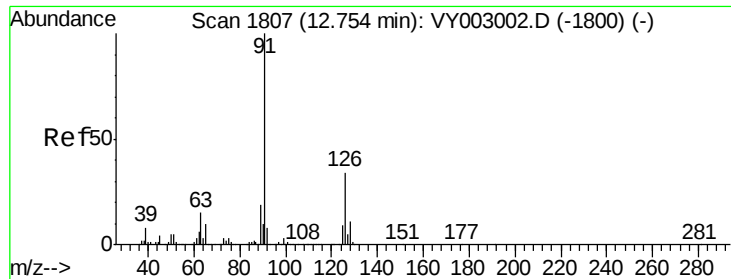
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	91	Resp:	574945
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.5	34.5





#79

2-Chlorotoluene

Concen: 20.541 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 91 Resp: 319663

Ion Ratio Lower Upper

91 100

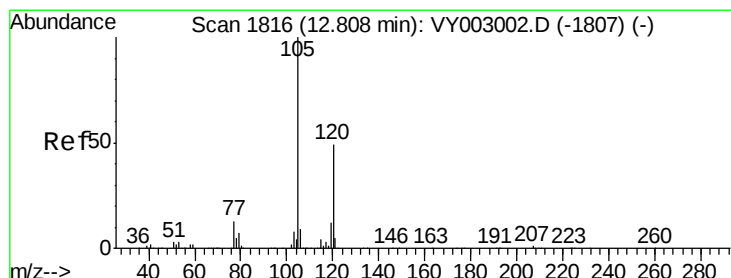
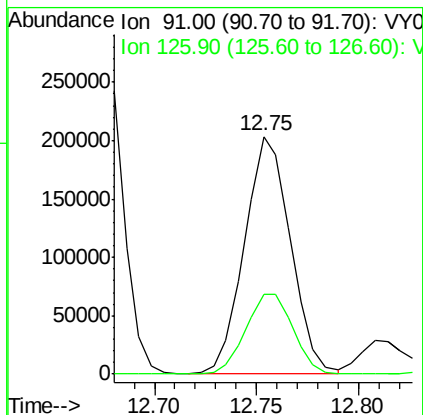
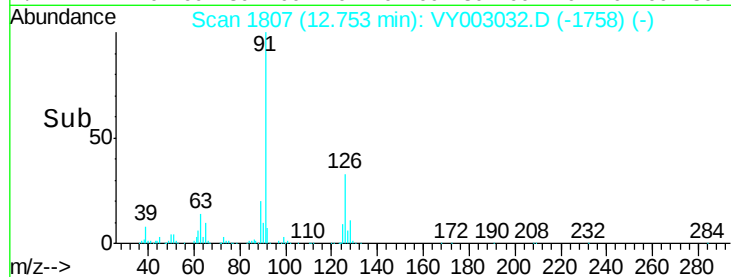
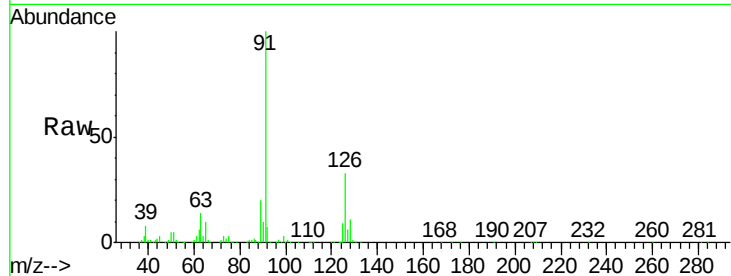
126 34.9 17.1 51.3

Manual Integrations

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sam

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#80

1,3,5-Trimethylbenzene

Concen: 20.498 ug/l

RT: 12.81 min Scan# 1817

Delta R.T. 0.01 min

Lab File: VY003032.D

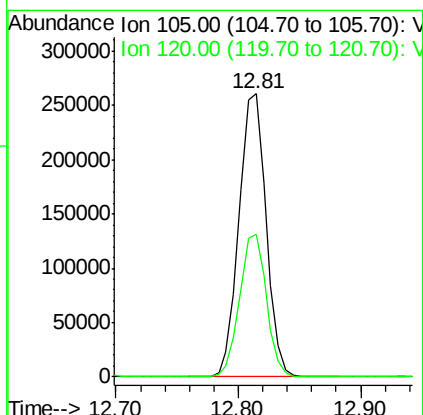
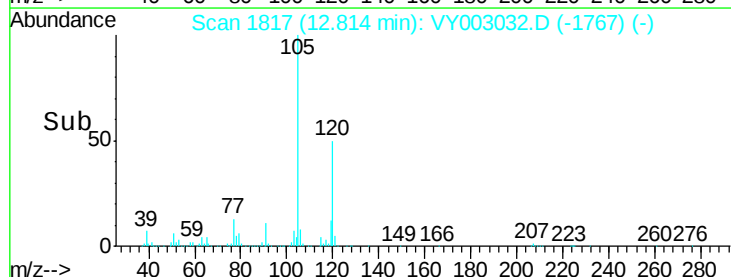
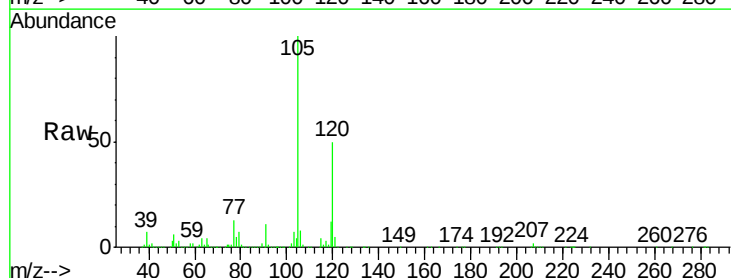
Acq: 30 Jun 2020 13:50

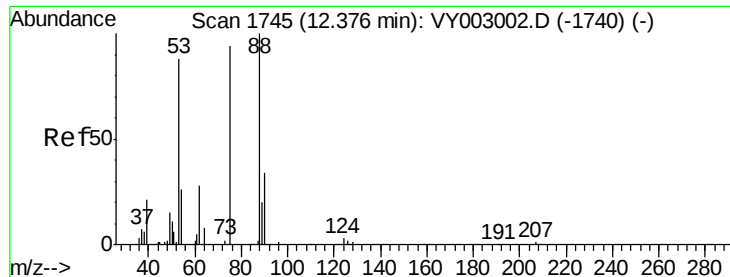
Tgt Ion: 105 Resp: 398760

Ion Ratio Lower Upper

105 100

120 50.0 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.075 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

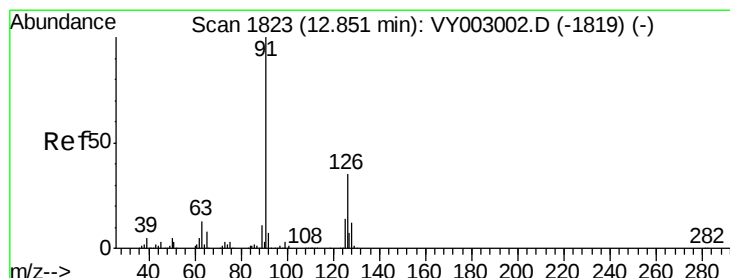
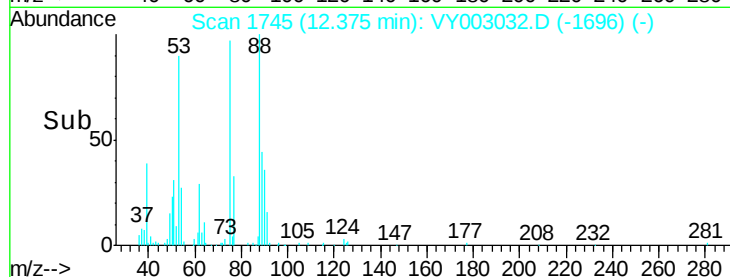
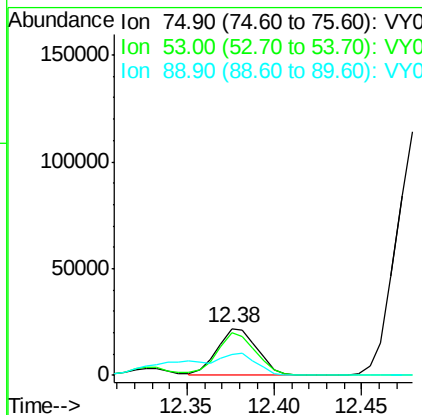
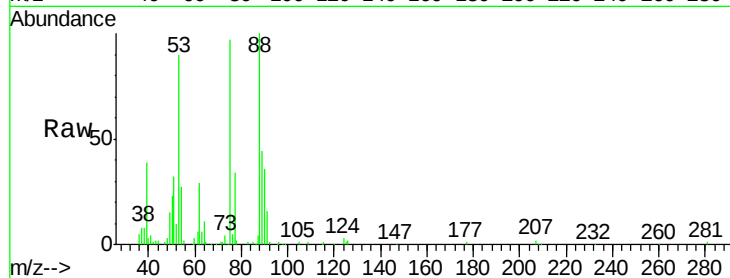
ClientSampleId :

VY0630SBS01

Tot Ion:	75	Resp:	34371
Ion	Ratio	Lower	Upper
75	100		
53	89.2	73.9	110.9
89	42.6	37.5	56.3

Manual Integrations
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sam
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#82

4-Chlorotoluene

Concen: 20.837 ug/l

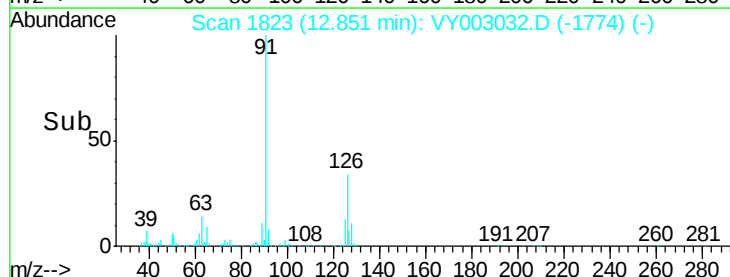
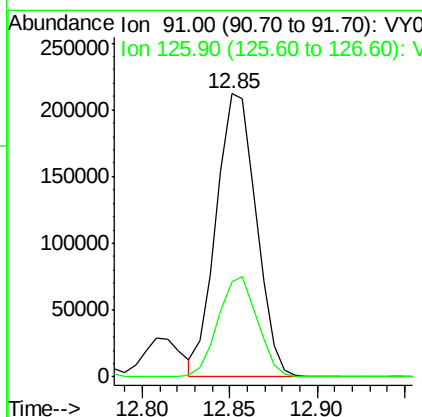
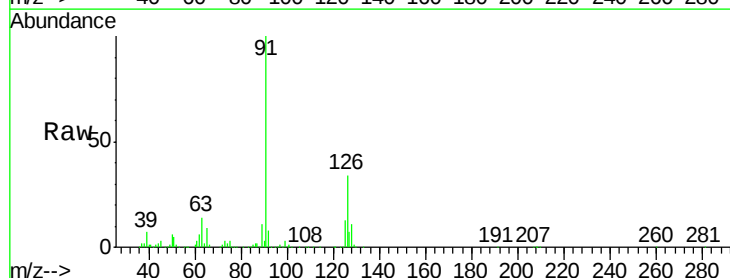
RT: 12.85 min Scan# 1823

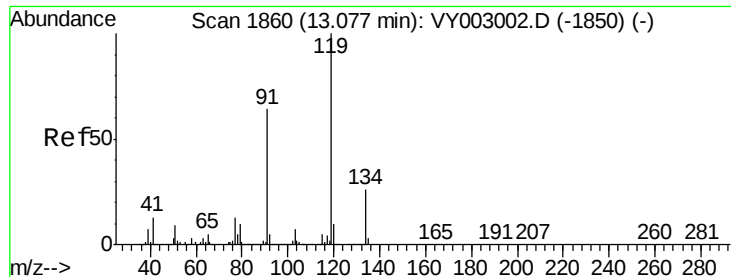
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	91	Resp:	337615
Ion	Ratio	Lower	Upper
91	100		
126	34.8	17.4	52.3





#83

tert-Butylbenzene

Concen: 20.405 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

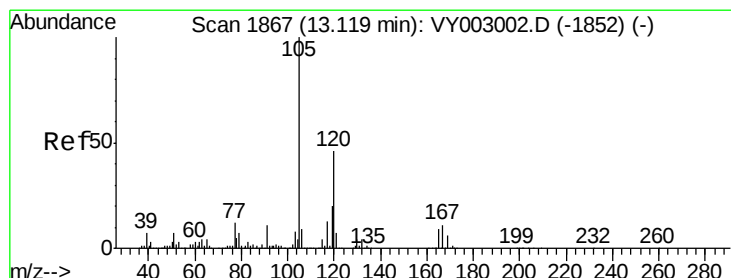
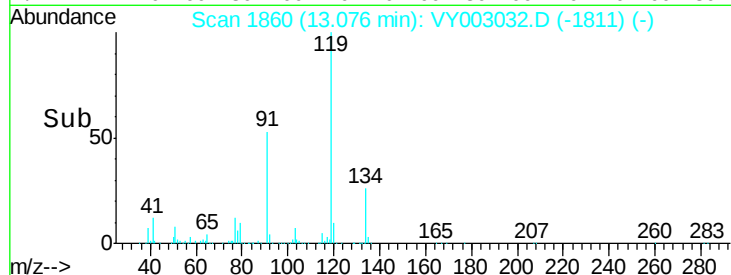
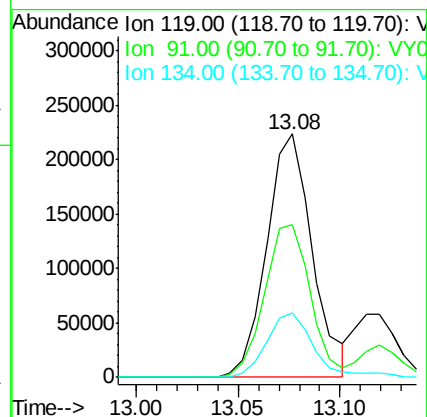
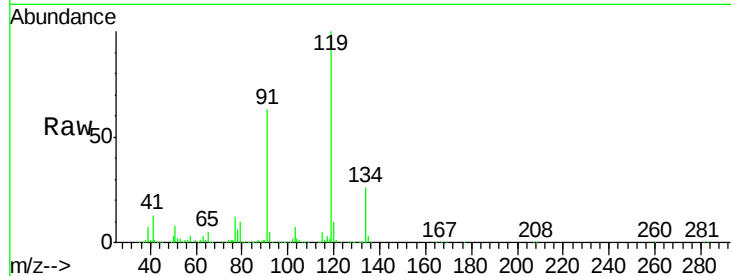
ClientSampleId :

VY0630SBS01

Tot Ion:	119	Resp:	348541
Ion Ratio	Lower	Upper	
119	100		
91	63.2	31.6	95.0
134	27.6	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.477 ug/l

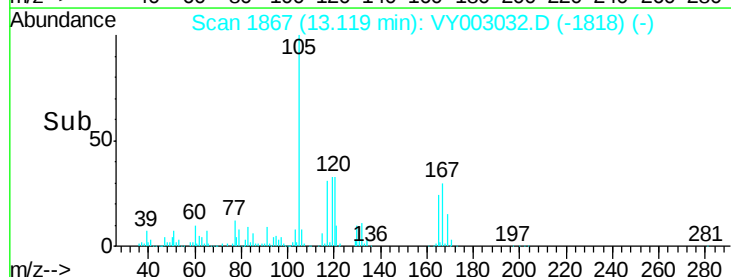
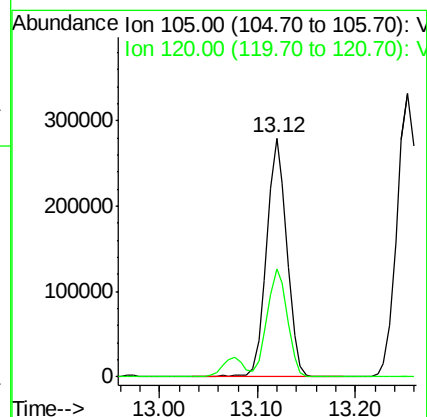
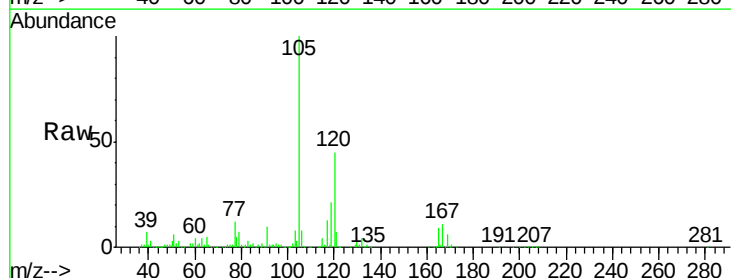
RT: 13.12 min Scan# 1867

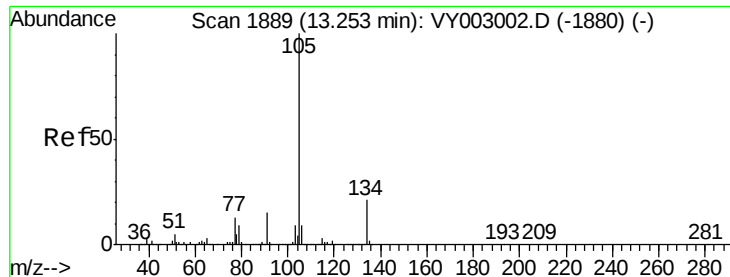
Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	105	Resp:	401389
Ion Ratio	Lower	Upper	
105	100		
120	45.4	22.6	67.8





#85

sec-Butylbenzene

Concen: 20.680 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:105 Resp: 486882

Ion Ratio Lower Upper

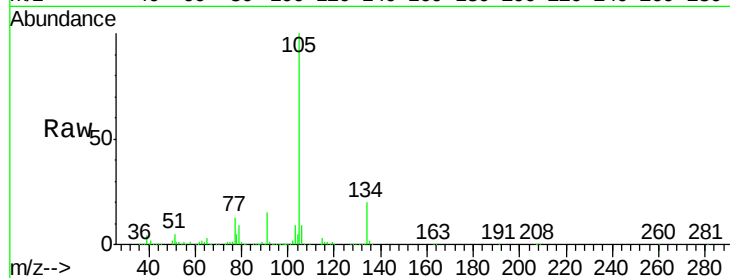
105 100

134 21.1 10.4 31.2

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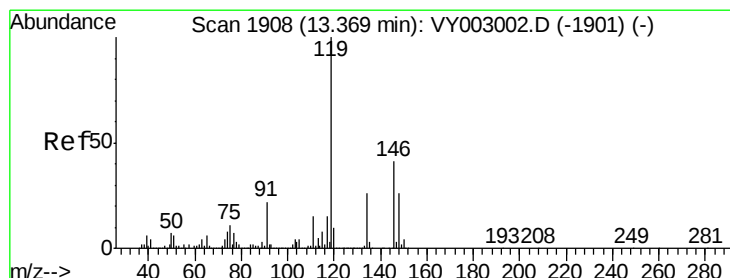
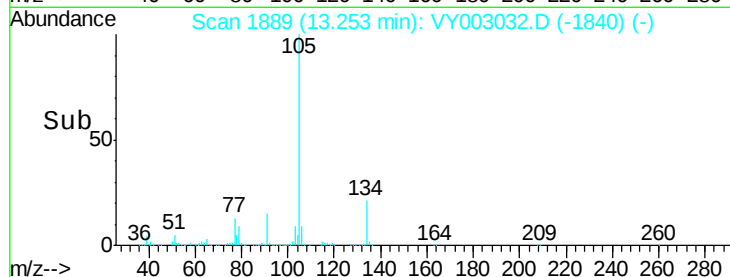
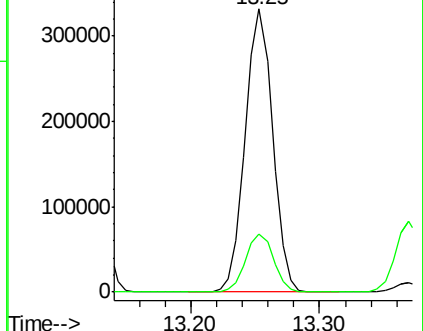
sam

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.615 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

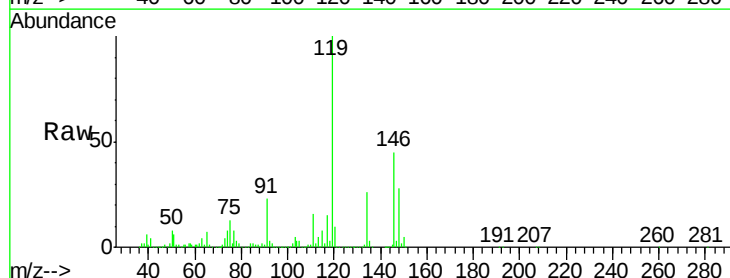
Tgt Ion:119 Resp: 449740

Ion Ratio Lower Upper

119 100

134 26.8 13.5 40.4

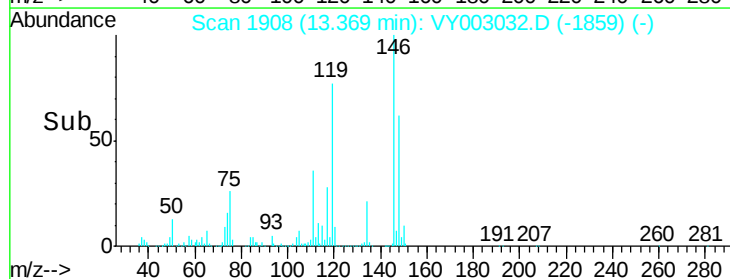
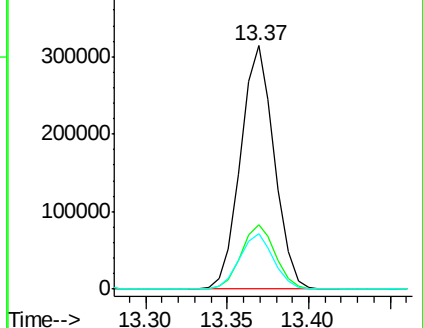
91 22.7 11.5 34.5

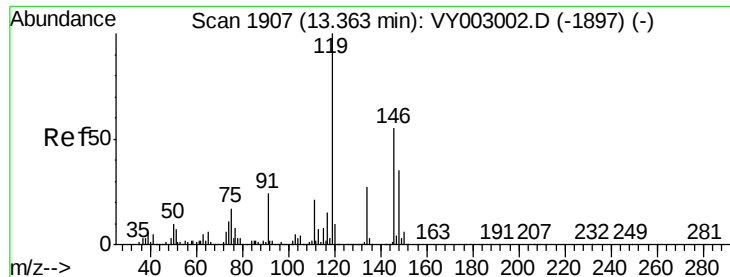


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





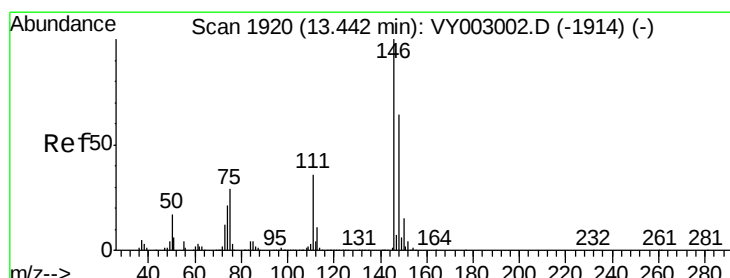
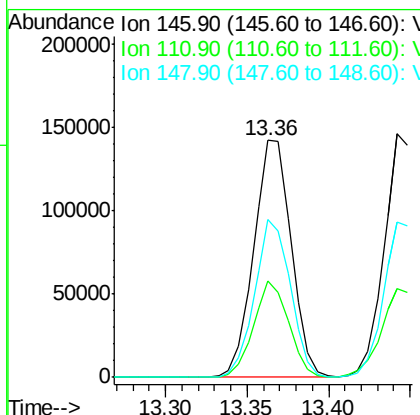
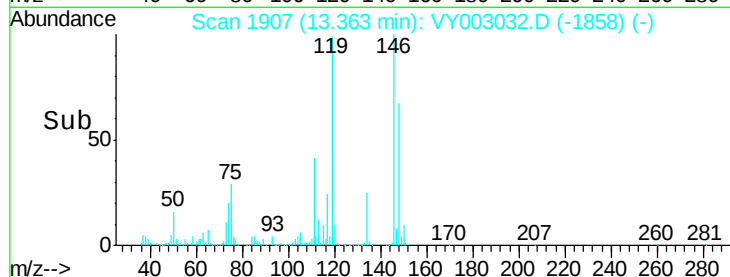
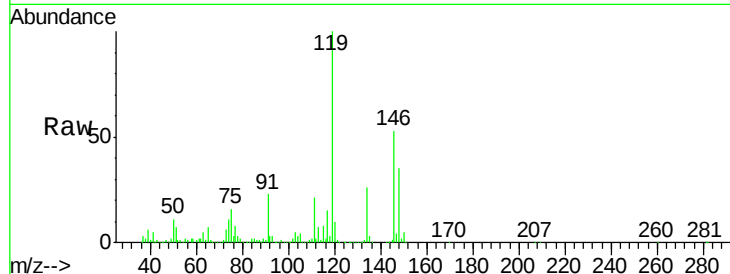
#87
 1,3-Dichlorobenzene
 Concen: 20.489 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.8	56.3
148	63.7	31.8	95.3

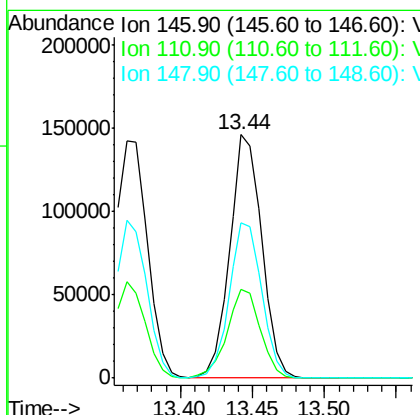
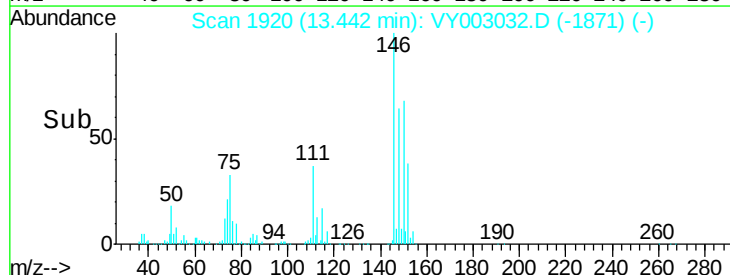
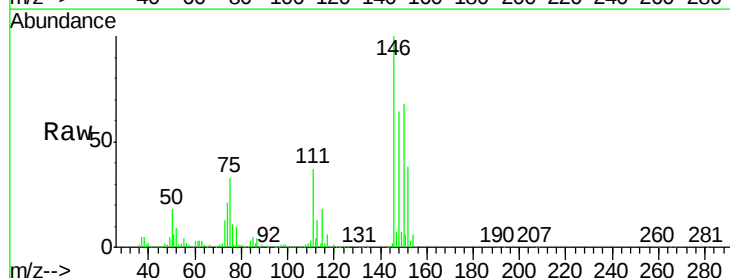
Manual Integrations
 APPROVED

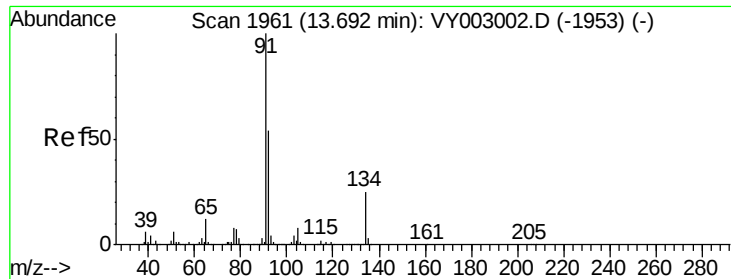
sam
 7/1/2020 10:11:35 PM



#88
 1,4-Dichlorobenzene
 Concen: 20.715 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.4
148	64.9	32.3	96.9





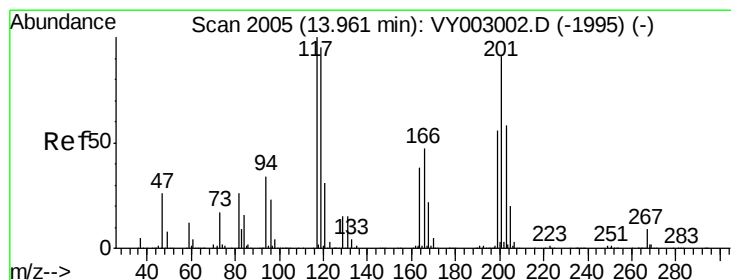
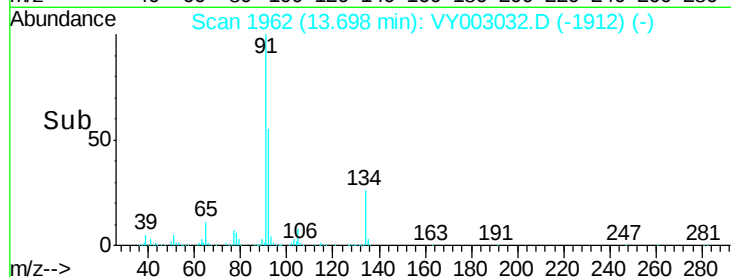
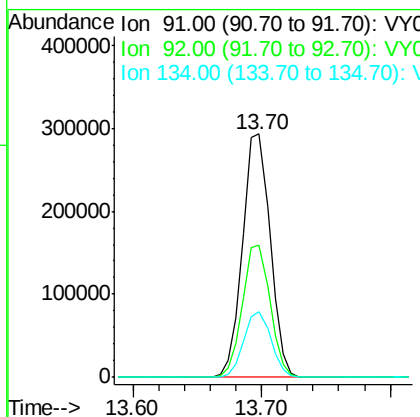
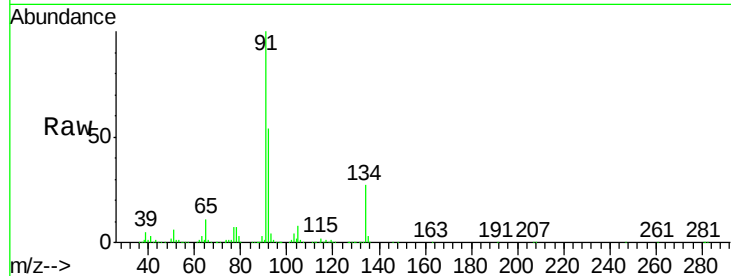
#89
n-Butylbenzene
Concen: 20.838 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.8	80.3
134	26.7	13.1	39.1

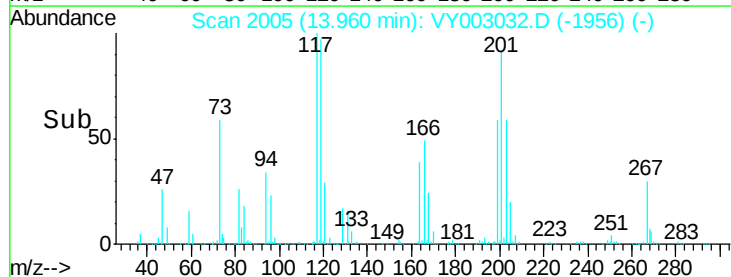
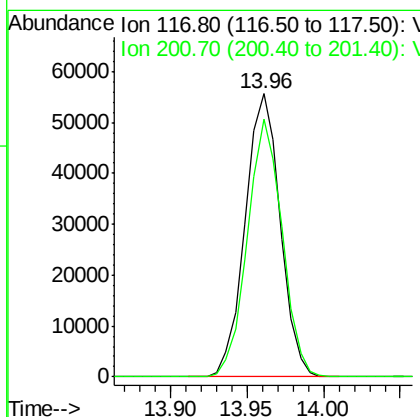
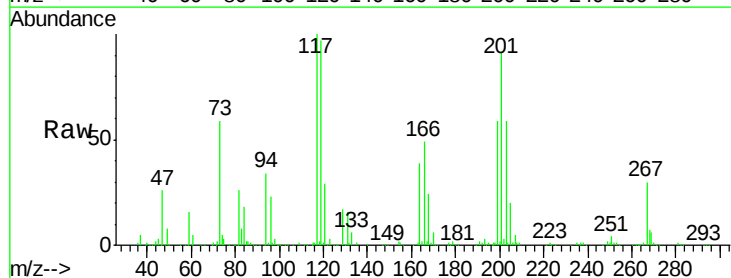
Manual Integrations
APPROVED

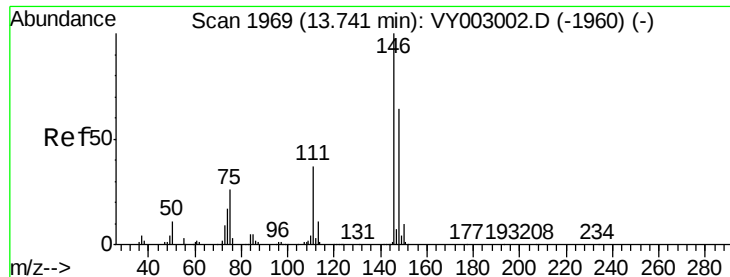
Sam
7/1/2020 10:11:35 PM



#90
Hexachloroethane
Concen: 20.436 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003032.D
Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
117	100		
201	90.3	45.5	136.4





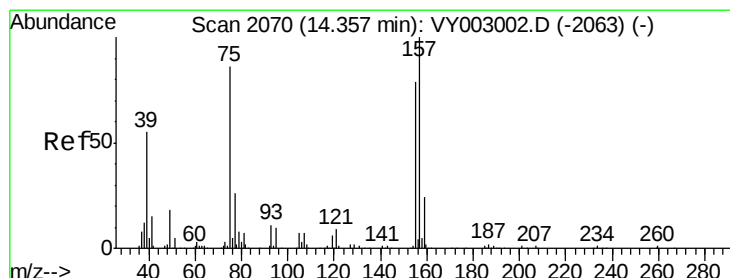
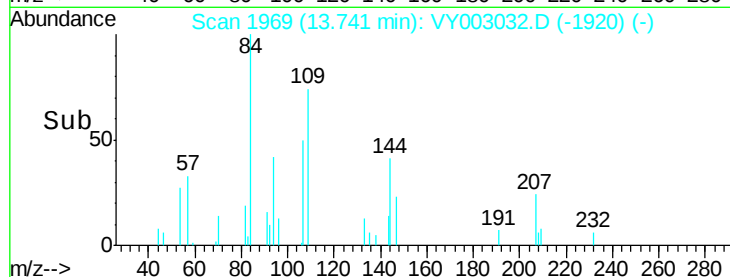
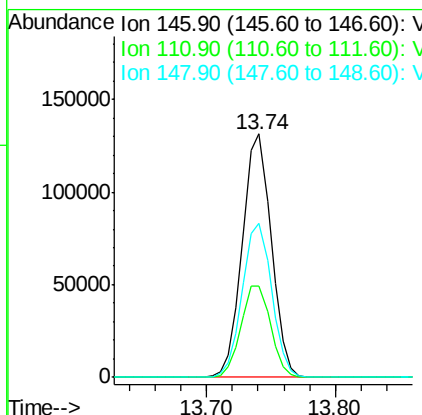
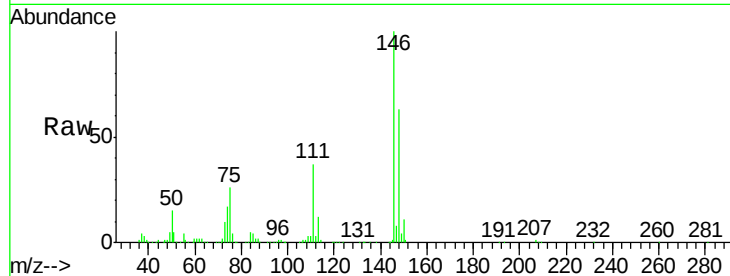
#91
 1,2-Dichlorobenzene
 Concen: 20.530 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.4	31.8	95.3

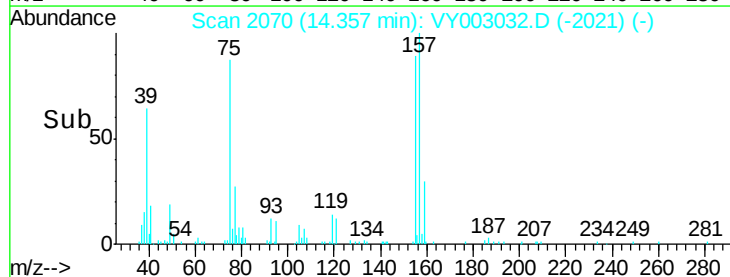
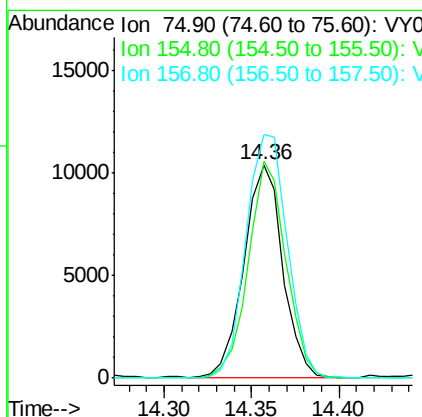
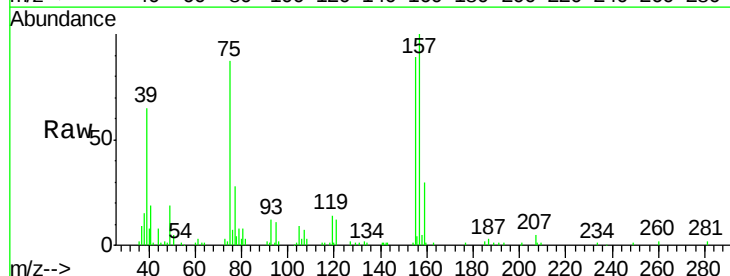
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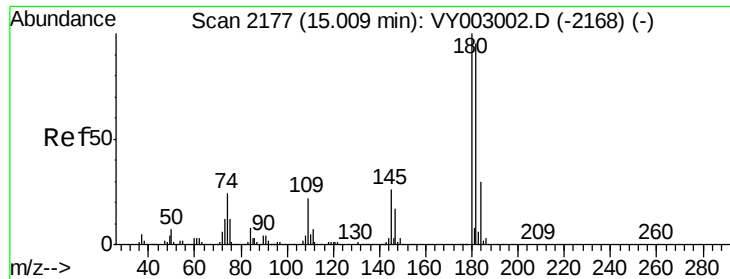
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.409 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.4	46.5	139.3
157	121.3	59.2	177.5





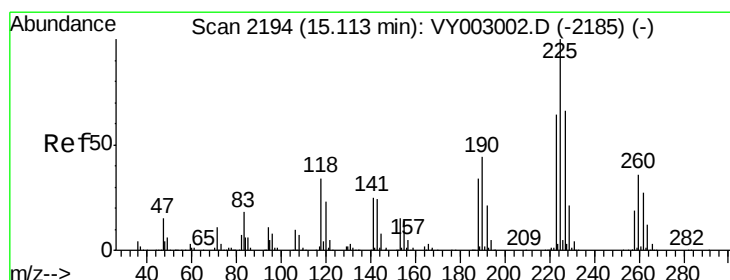
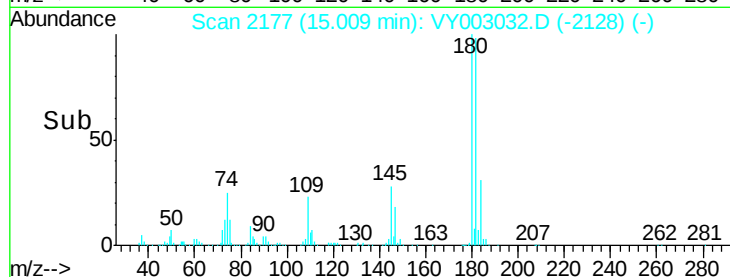
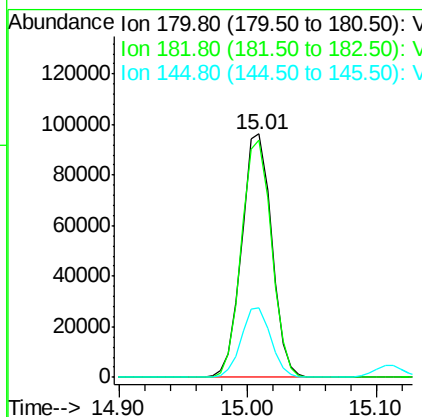
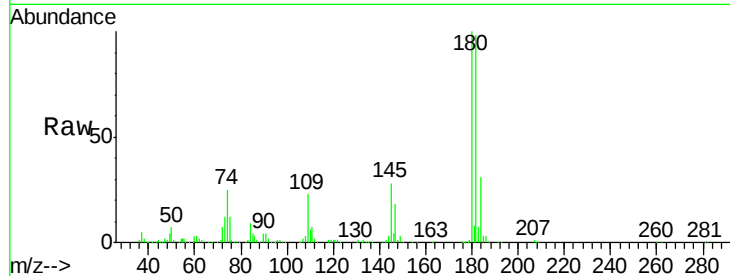
#93
 1,2,4-Trichlorobenzene
 Concen: 20.915 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	154735		
182	97.7	48.1	144.3	
145	28.3	13.9	41.6	

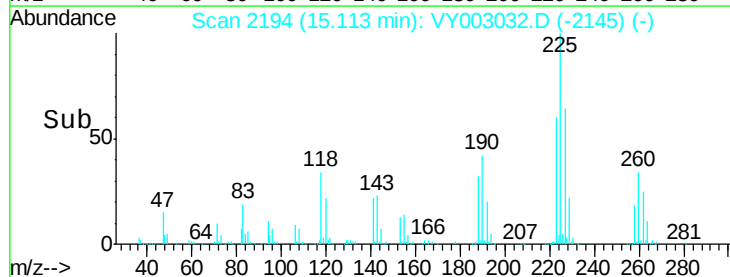
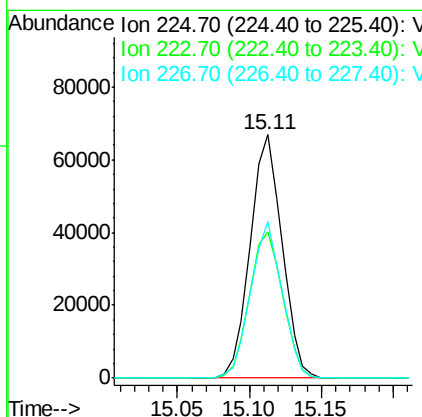
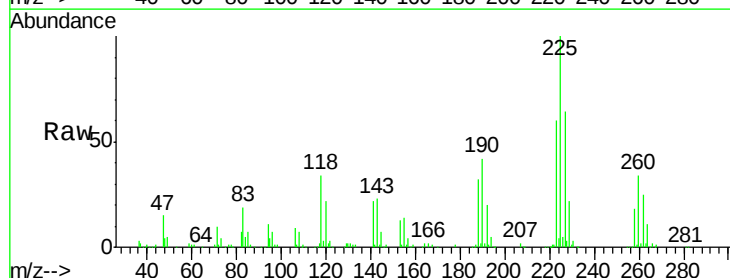
Manual Integrations
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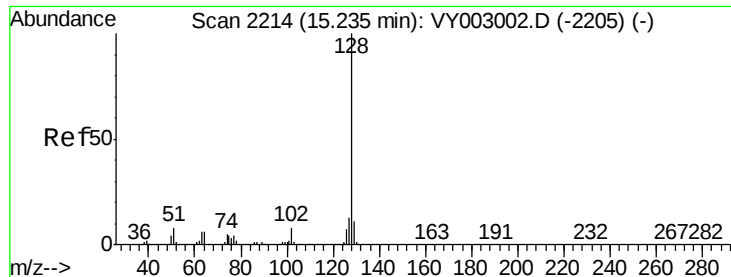
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#94
 Hexachlorobutadiene
 Concen: 21.836 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003032.D
 Acq: 30 Jun 2020 13:50

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	101901		
223	63.1	32.4	97.0	
227	63.5	32.4	97.2	





#95

Naphthalene

Concen: 20.396 ug/l

RT: 15.23 min Scan# 2214

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Instrument :

MSVOA_Y

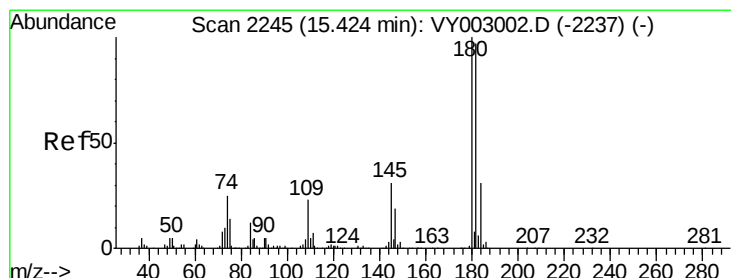
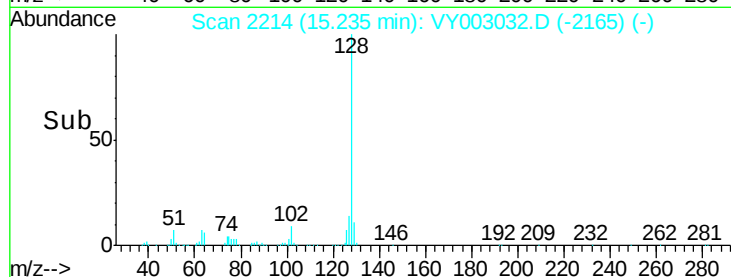
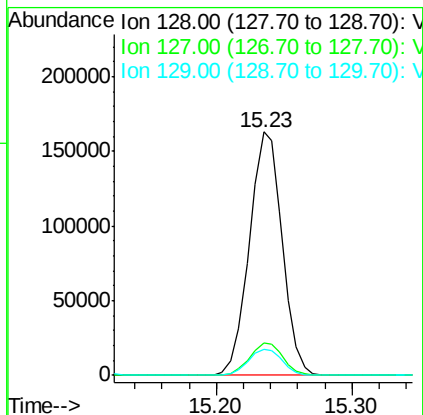
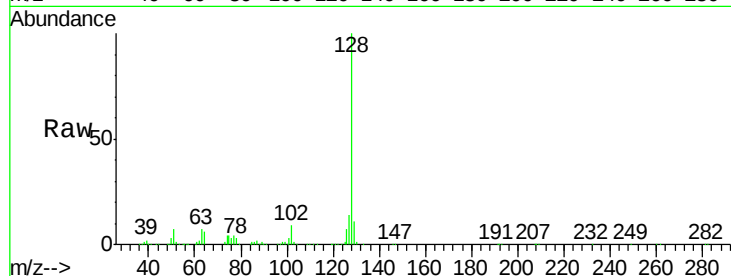
ClientSampleId :

VY0630SBS01

Tot Ion:	128	Resp:	275616
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	11.0	8.8	13.2

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 20.835 ug/l

RT: 15.42 min Scan# 2245

Delta R.T. -0.00 min

Lab File: VY003032.D

Acq: 30 Jun 2020 13:50

Tgt Ion:	180	Resp:	133850
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.8	143.3
145	30.1	14.7	44.1

