

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003029.D
 Acq On : 30 Jun 2020 12:04
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
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sam
 7/1/2020 10:11:21 PM

Quant Time: Jul 01 06:02:09 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	504811	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	736122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	675469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	364699	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	239166	47.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.40%	
35) Dibromofluoromethane	7.72	113	229823	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
50) Toluene-d8	10.18	98	845847	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
62) 4-Bromofluorobenzene	12.48	95	297105	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	73555	19.240	ug/l	99
3) Chloromethane	2.12	50	98875	17.661	ug/l	99
4) Vinyl Chloride	2.26	62	109107	19.980	ug/l	94
5) Bromomethane	2.65	94	81168	21.891	ug/l	98
6) Chloroethane	2.79	64	71499	20.581	ug/l	94
7) Trichlorofluoromethane	3.13	101	161826	20.995	ug/l	97
8) Diethyl Ether	3.54	74	53115	20.101	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	97893	21.271	ug/l	99
10) Methyl Iodide	4.10	142	120157	21.055	ug/l	99
11) Tert butyl alcohol	4.96	59	56396	110.372	ug/l	100
12) 1,1-Dichloroethene	3.88	96	92596	21.146	ug/l	87
13) Acrolein	3.74	56	45066	98.200	ug/l	98
14) Allyl chloride	4.49	41	151607	19.830	ug/l	99
15) Acrylonitrile	5.18	53	140424	103.116	ug/l	98
16) Acetone	3.96	43	119504	101.061	ug/l	99
17) Carbon Disulfide	4.20	76	288421	20.615	ug/l	97
18) Methyl Acetate	4.49	43	61523	19.312	ug/l	97
19) Methyl tert-butyl Ether	5.23	73	272381	21.340	ug/l	99
20) Methylene Chloride	4.72	84	177323	30.949	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	104674	21.133	ug/l	93
22) Diisopropyl ether	6.13	45	327252	19.971	ug/l	99
23) Vinyl Acetate	6.07	43	1113011	101.595	ug/l	99
24) 1,1-Dichloroethane	6.03	63	183640	20.516	ug/l	99
25) 2-Butanone	6.99	43	197067	104.913	ug/l	97
26) 2,2-Dichloropropane	6.99	77	168937	20.773	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	118484	21.327	ug/l	98
28) Bromochloromethane	7.34	49	70342	17.662	ug/l	91
29) Tetrahydrofuran	7.35	42	126743	101.464	ug/l	95
30) Chloroform	7.52	83	185642	20.935	ug/l	98
31) Cyclohexane	7.79	56	178626	20.257	ug/l	97
32) 1,1,1-Trichloroethane	7.71	97	168486	20.815	ug/l	100
36) 1,1-Dichloropropene	7.92	75	148495	20.942	ug/l	99
37) Ethyl Acetate	7.08	43	87789	20.592	ug/l	97
38) Carbon Tetrachloride	7.91	117	156666	21.236	ug/l	93

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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)
39) Methylcyclohexane	9.19	83	187049	21.276	ug/l	98
40) Benzene	8.16	78	412411	21.245	ug/l	99
41) Methacrylonitrile	7.33	41	43926m	19.288	ug/l	
42) 1,2-Dichloroethane	8.24	62	131110	21.349	ug/l	99
43) Isopropyl Acetate	8.28	43	166466	20.539	ug/l	96
44) Trichloroethene	8.94	130	121678	21.566	ug/l	99
45) 1,2-Dichloropropane	9.22	63	109973	21.057	ug/l	94
46) Dibromomethane	9.31	93	61732	21.164	ug/l	99
47) Bromodichloromethane	9.50	83	151305	21.184	ug/l	100
48) Methyl methacrylate	9.30	41	73141	19.827	ug/l	93
49) 1,4-Dioxane	9.30	88	15276	429.021	ug/l	99
51) 4-Methyl-2-Pentanone	10.07	43	435525	103.970	ug/l	97
52) Toluene	10.25	92	259974	21.274	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	156755	20.933	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	180773	21.108	ug/l	96
55) 1,1,2-Trichloroethane	10.64	97	89088	21.979	ug/l	96
56) Ethyl methacrylate	10.51	69	125510	21.391	ug/l	97
57) 1,3-Dichloropropane	10.79	76	152338	21.409	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	271777	90.315	ug/l	99
59) 2-Hexanone	10.83	43	311239	106.300	ug/l	99
60) Dibromochloromethane	10.99	129	112997	21.784	ug/l	99
61) 1,2-Dibromoethane	11.09	107	86921	21.752	ug/l	98
64) Tetrachloroethene	10.72	164	122643	21.453	ug/l	95
65) Chlorobenzene	11.52	112	285694	21.450	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	110470	21.244	ug/l	98
67) Ethyl Benzene	11.60	91	517839	21.252	ug/l	99
68) m/p-Xylenes	11.70	106	382928	42.226	ug/l	100
69) o-Xylene	12.03	106	184221	21.557	ug/l	98
70) Styrene	12.05	104	312015	21.372	ug/l	99
71) Bromoform	12.20	173	76483	22.058	ug/l #	99
73) Isopropylbenzene	12.33	105	503731	21.105	ug/l	100
74) N-amyl acetate	12.14	43	160176	20.614	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	102789	21.340	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	75979m	21.050	ug/l	
77) Bromobenzene	12.61	156	130205	21.276	ug/l	98
78) n-propylbenzene	12.67	91	605706	21.101	ug/l	99
79) 2-Chlorotoluene	12.75	91	339847	21.211	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	418255	20.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	39203	21.132	ug/l	95
82) 4-Chlorotoluene	12.85	91	357904	21.455	ug/l	100
83) tert-Butylbenzene	13.07	119	373510	21.238	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	424847	21.051	ug/l	100
85) sec-Butylbenzene	13.25	105	513072	21.166	ug/l	99
86) p-Isopropyltoluene	13.37	119	474370	21.119	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	239276	20.943	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	242722	21.544	ug/l	99
89) n-Butylbenzene	13.70	91	458400	21.330	ug/l	99
90) Hexachloroethane	13.96	117	95838	21.487	ug/l	95
91) 1,2-Dichlorobenzene	13.74	146	219449	21.408	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	18613	21.829	ug/l	97

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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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	165546	21.733	ug/l	99
94) Hexachlorobutadiene	15.11	225	107377	22.349	ug/l	96
95) Naphthalene	15.23	128	307417	22.096	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	144927	21.911	ug/l	100

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

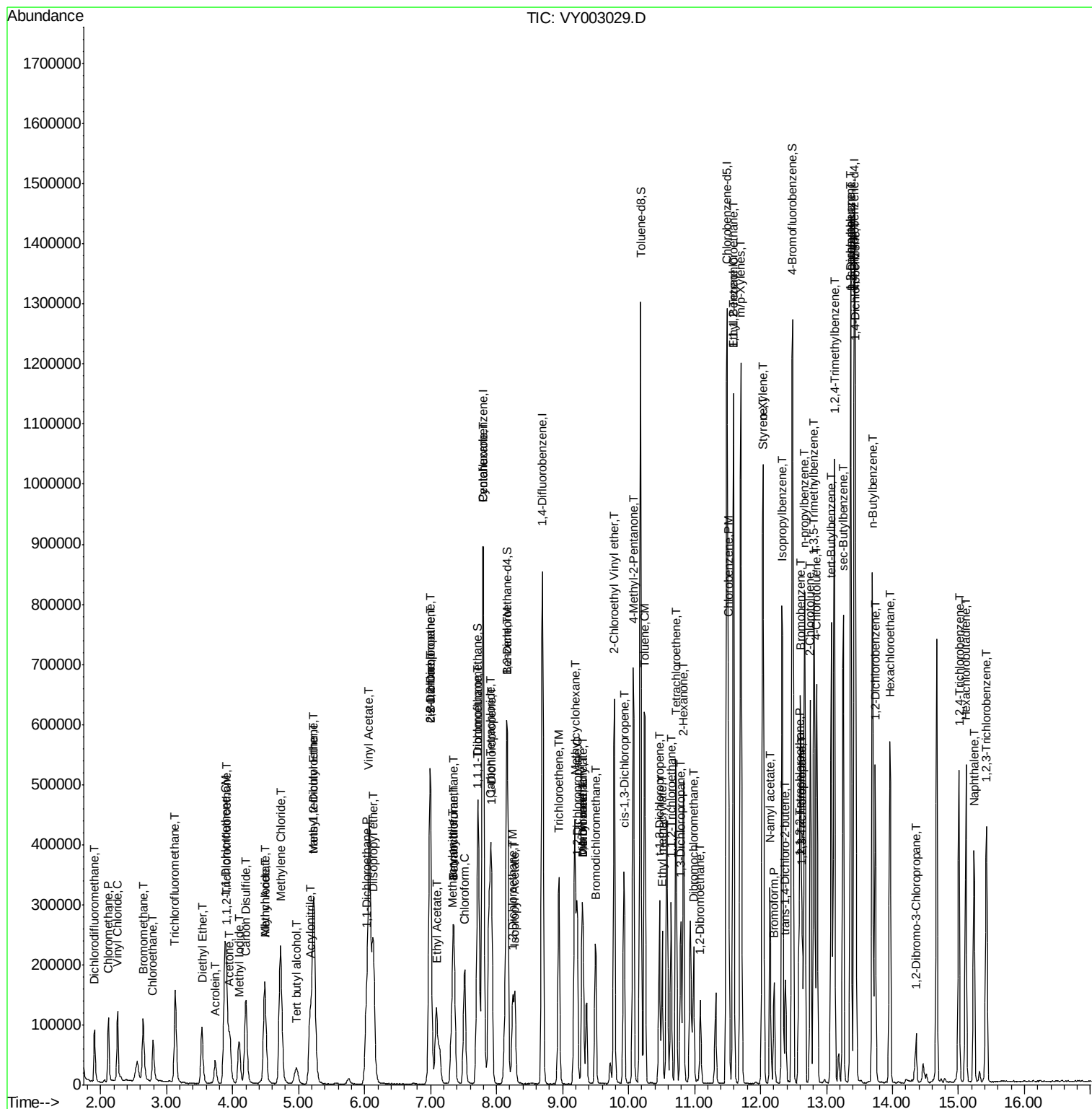
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Data File : VY003029.D
Acq On : 30 Jun 2020 12:04
Operator : SY/MD
Sample : VY0630SBSD01
Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

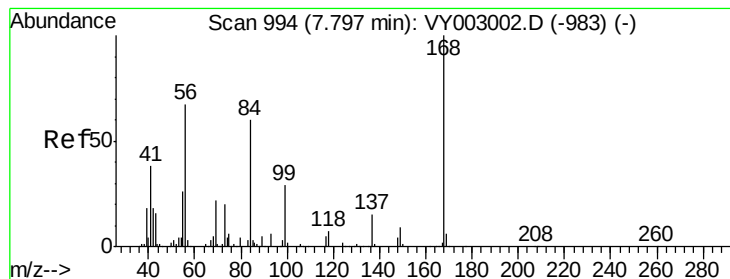
Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBSD01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:168 Resp: 504811

Ion Ratio Lower Upper

168 100

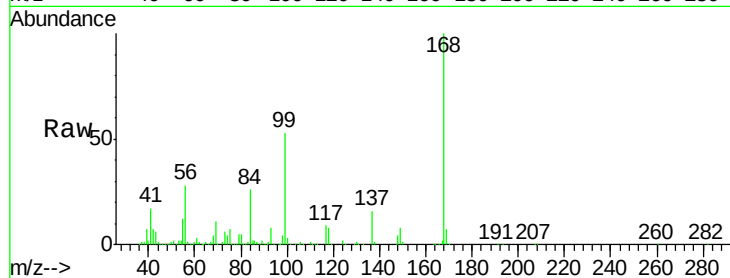
99 53.3 39.2 58.8

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

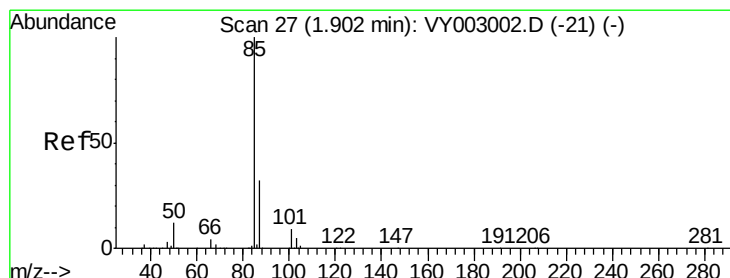
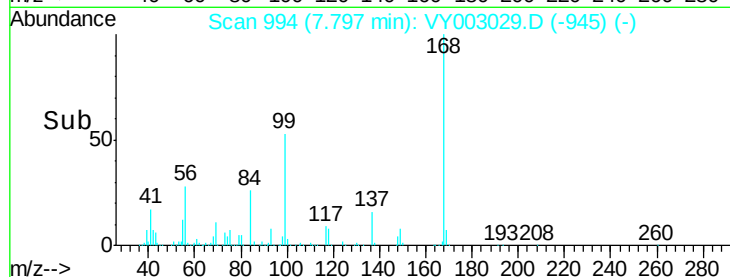
150000

100000

50000

0

Time--> 7.60 7.70 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 19.240 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003029.D

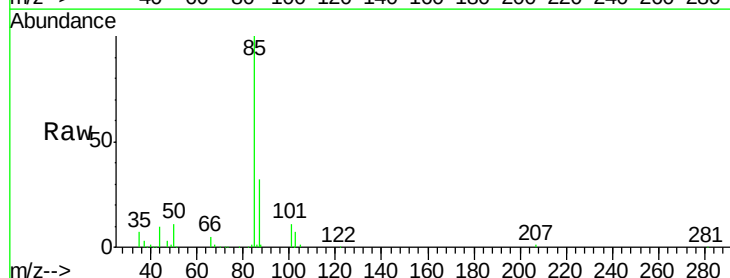
Acq: 30 Jun 2020 12:04

Tgt Ion: 85 Resp: 73555

Ion Ratio Lower Upper

85 100

87 31.9 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

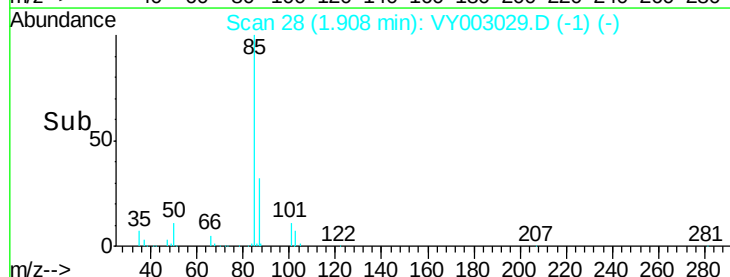
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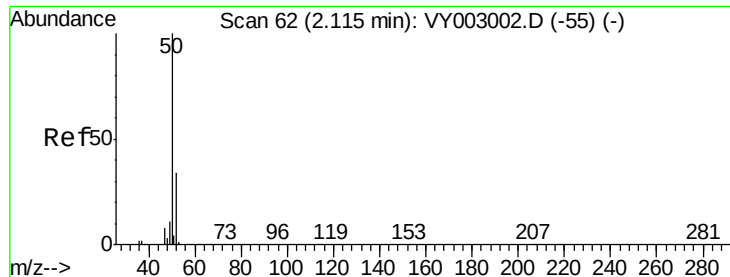
20000

10000

0

Time--> 1.80 1.90 2.00





#3

Chloromethane

Concen: 17.661 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 50 Resp: 98875

Ion Ratio Lower Upper

50 100

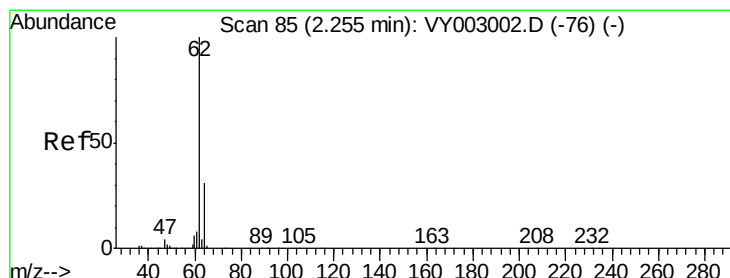
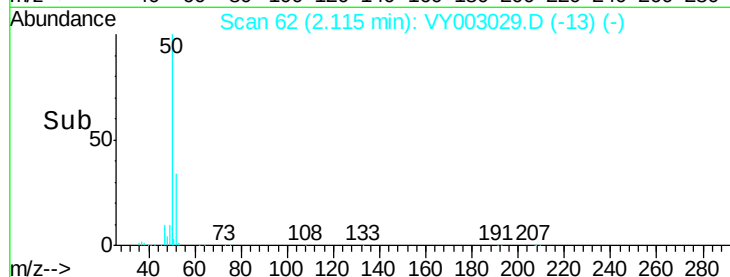
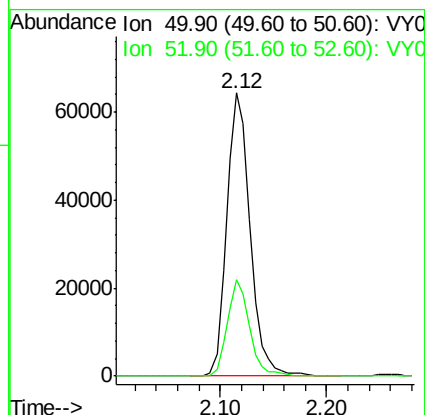
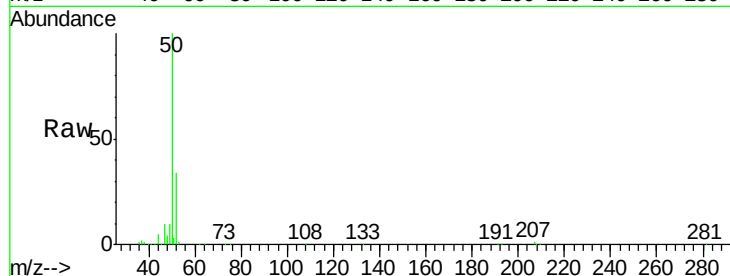
52 34.0 26.9 40.3

Manual Integrations

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#4

Vinyl Chloride

Concen: 19.980 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003029.D

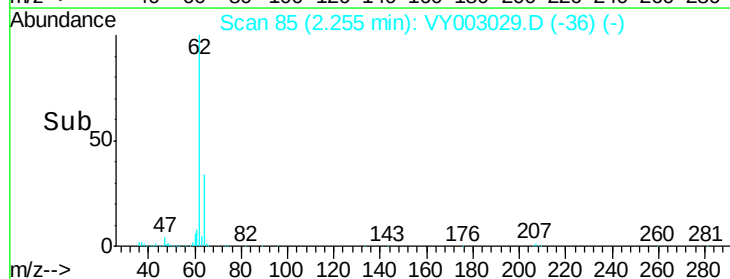
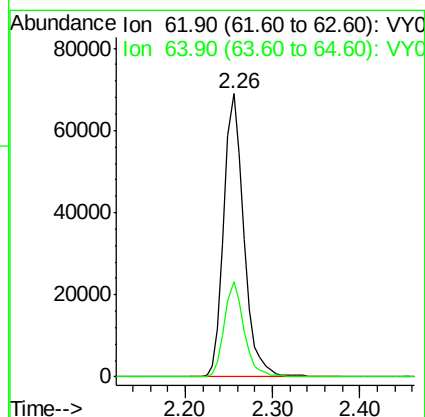
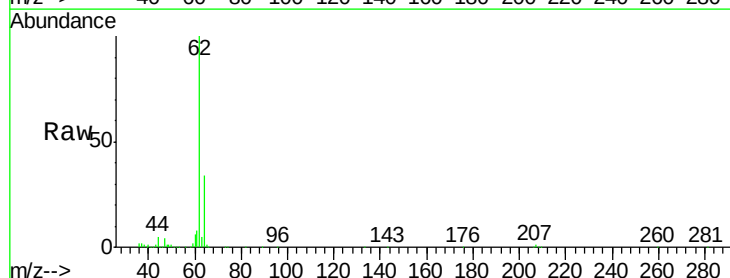
Acq: 30 Jun 2020 12:04

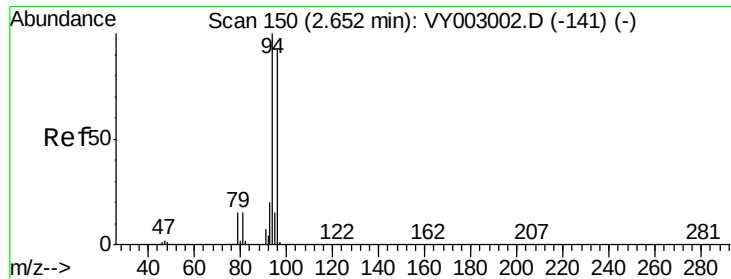
Tgt Ion: 62 Resp: 109107

Ion Ratio Lower Upper

62 100

64 33.6 24.4 36.6





#5

Bromomethane

Concen: 21.891 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 94 Resp: 81168

Ion Ratio Lower Upper

94 100

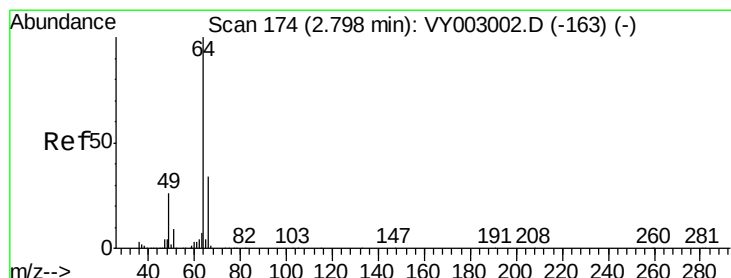
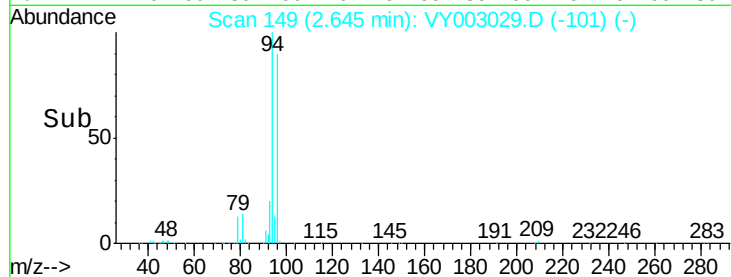
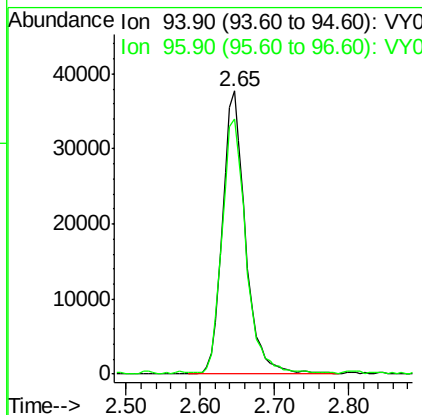
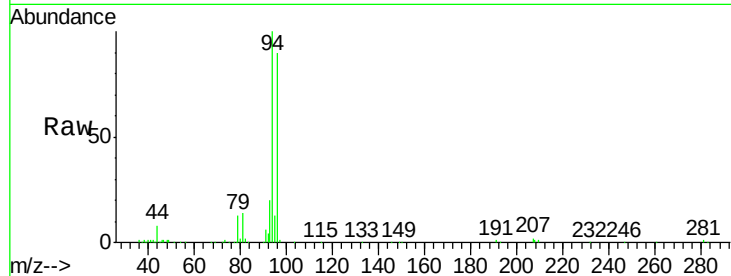
96 89.7 73.4 110.2

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#6

Chloroethane

Concen: 20.581 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003029.D

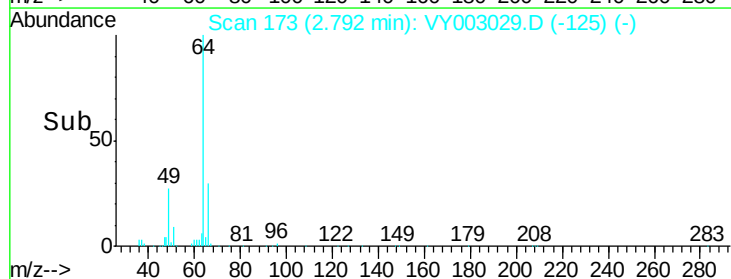
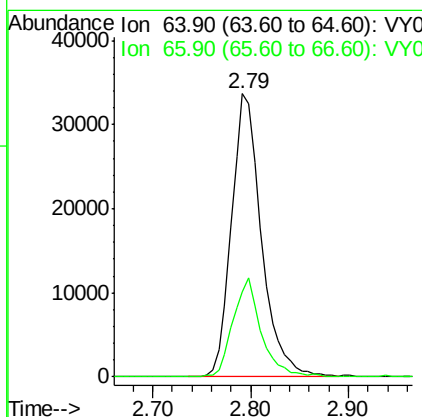
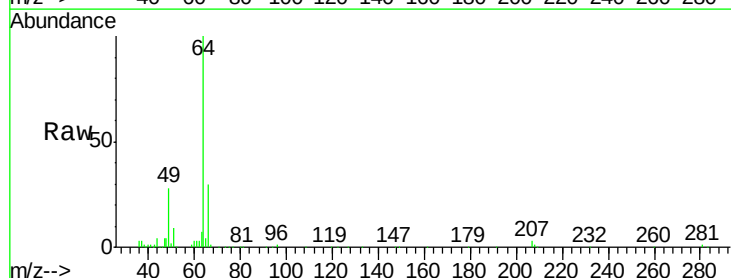
Acq: 30 Jun 2020 12:04

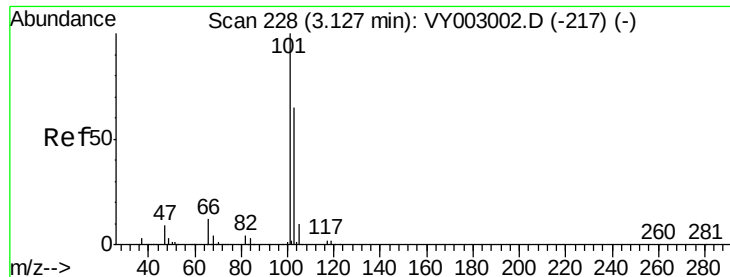
Tgt Ion: 64 Resp: 71499

Ion Ratio Lower Upper

64 100

66 30.0 27.0 40.4





#7

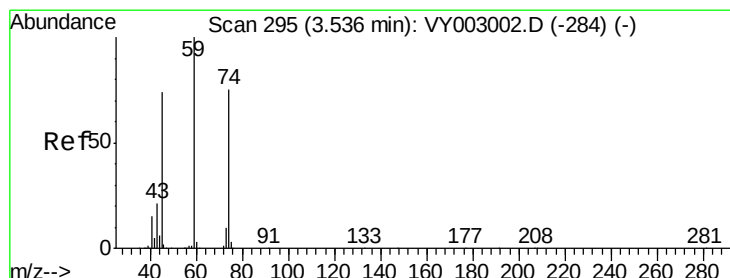
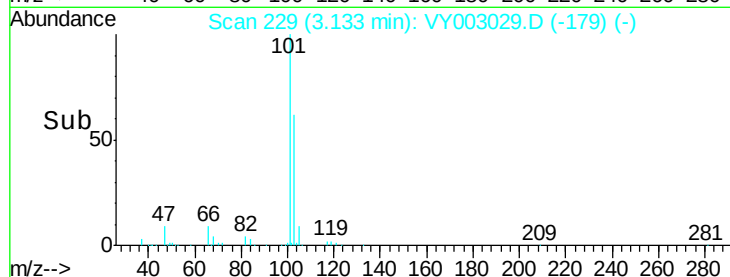
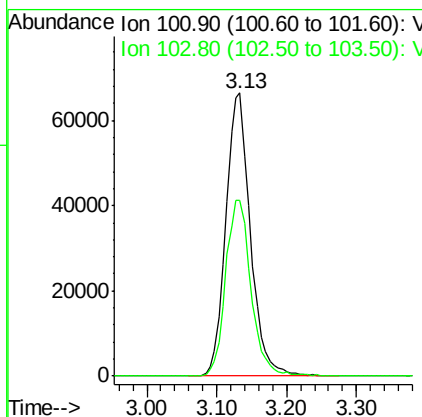
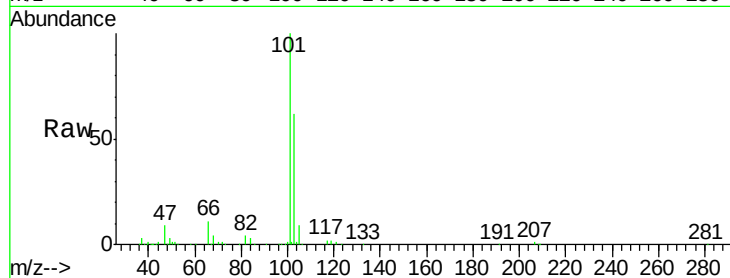
Trichlorofluoromethane
Concen: 20.995 ug/l
RT: 3.13 min Scan# 229
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	51.6	77.4

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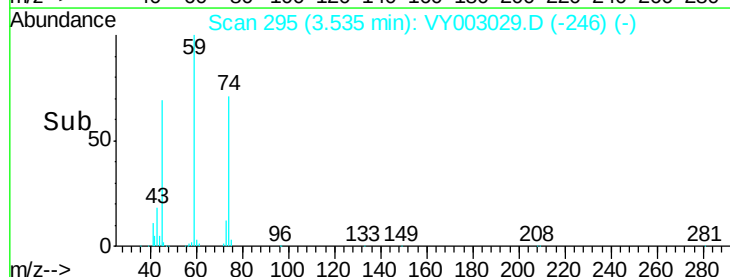
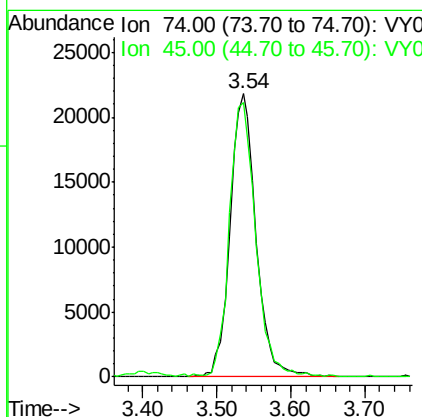
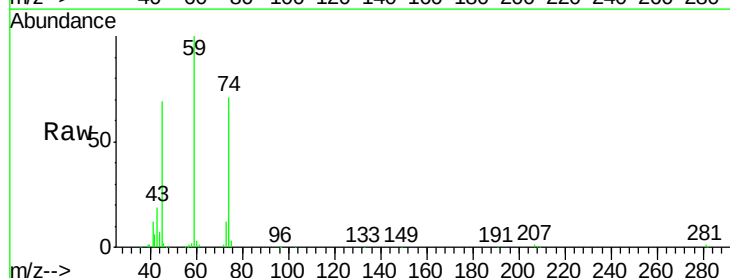
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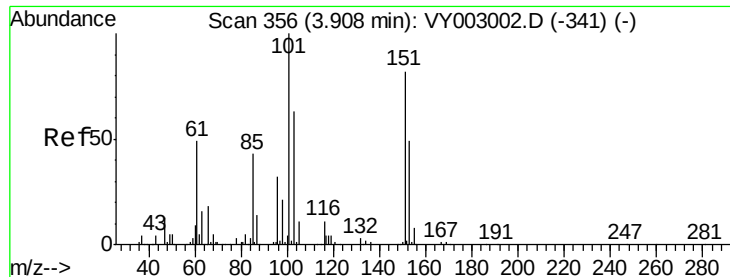


#8

Diethyl Ether
Concen: 20.101 ug/l
RT: 3.54 min Scan# 295
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.7	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.271 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

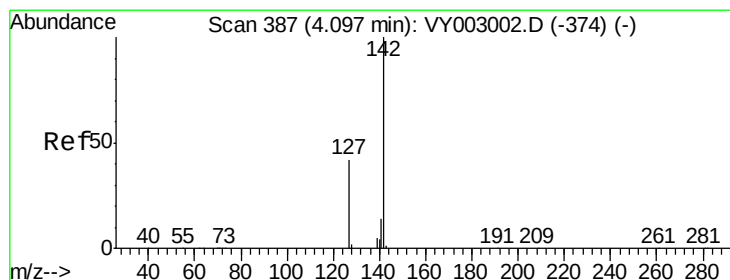
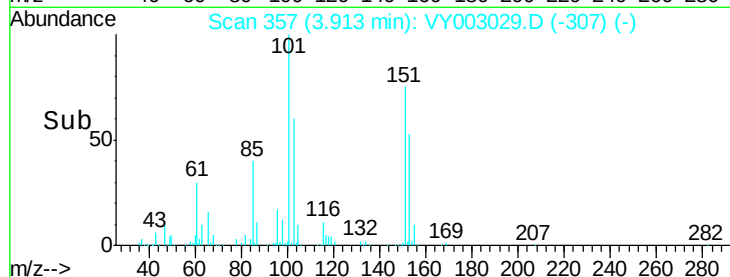
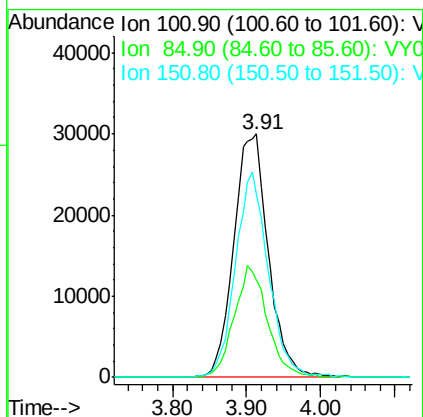
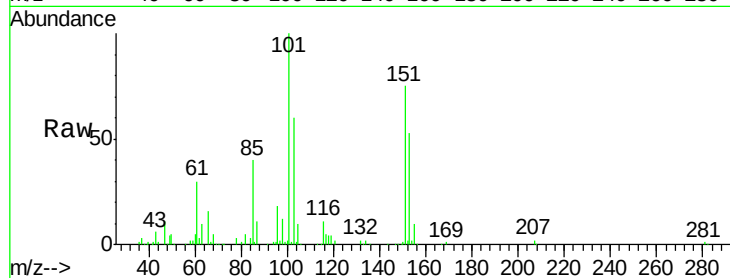
ClientSampleId :

VY0630SBS01

Tot Ion:	101	Resp:	97893
Ion Ratio	Lower	Upper	
101	100		
85	44.0	35.5	53.3
151	80.5	65.5	98.3

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#10

Methyl Iodide

Concen: 21.055 ug/l

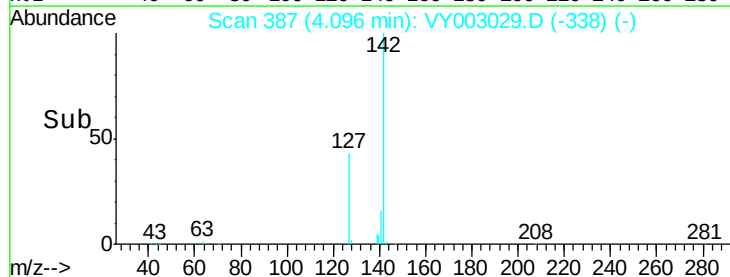
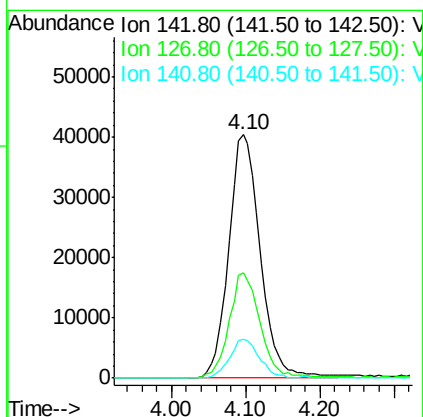
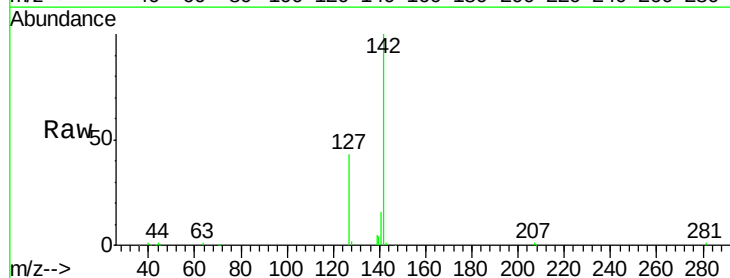
RT: 4.10 min Scan# 387

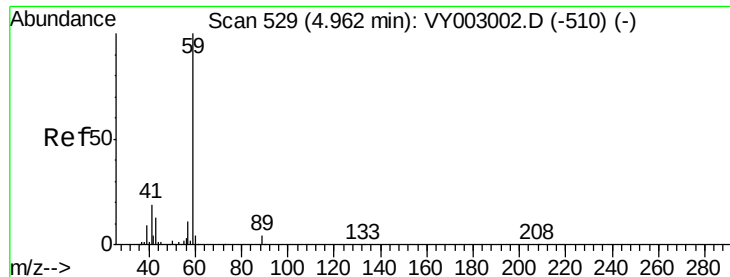
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	142	Resp:	120157
Ion Ratio	Lower	Upper	
142	100		
127	42.4	34.2	51.2
141	15.1	11.7	17.5





#11

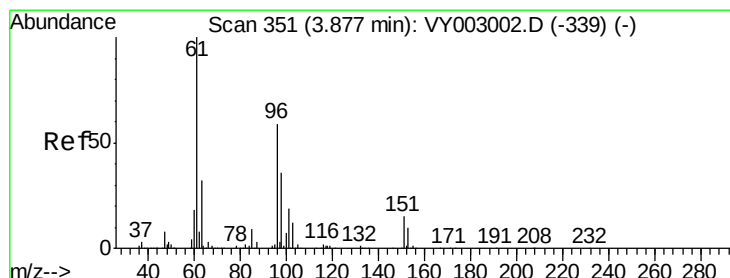
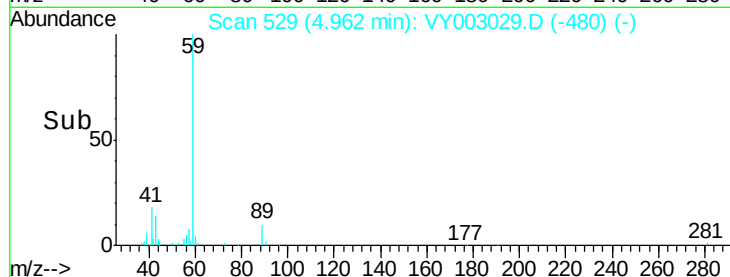
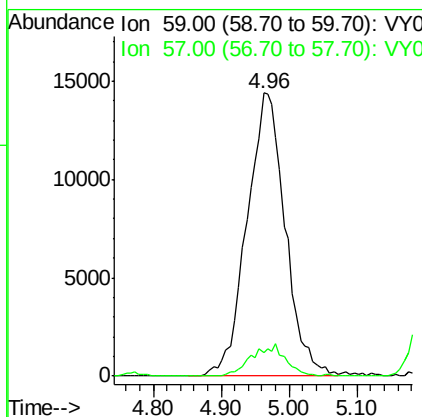
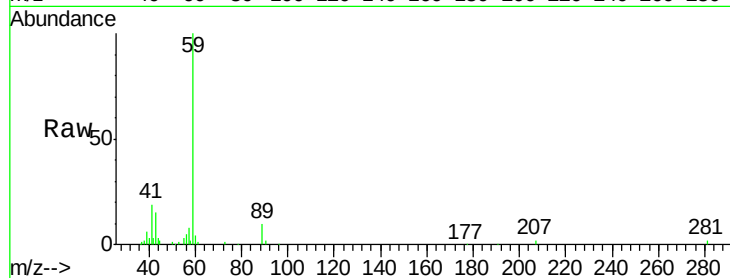
Tert butyl alcohol
 Concen: 110.372 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.0	12.0

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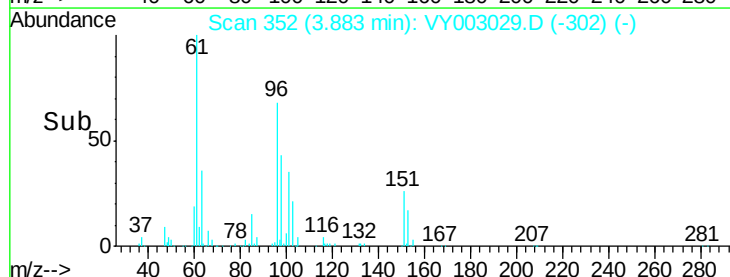
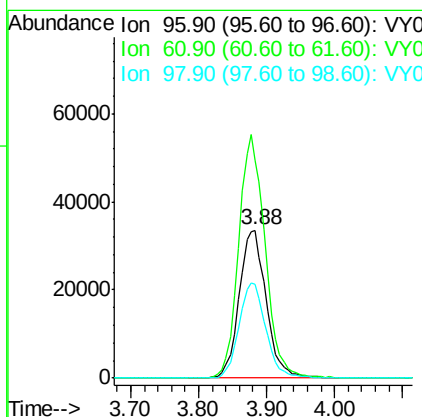
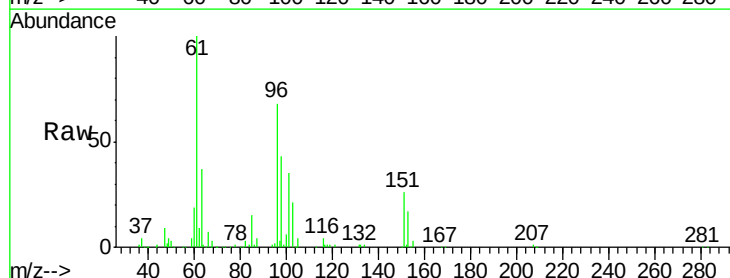
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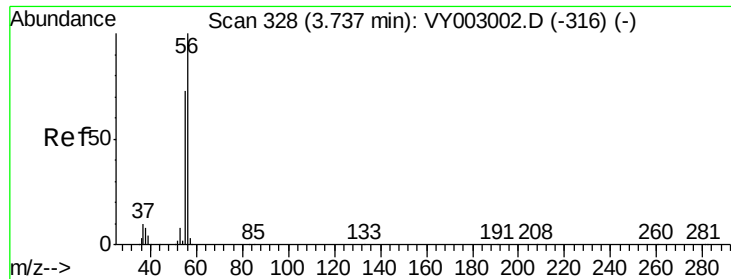


#12

1,1-Dichloroethene
 Concen: 21.146 ug/l
 RT: 3.88 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.9	136.7	205.1
98	63.6	49.7	74.5





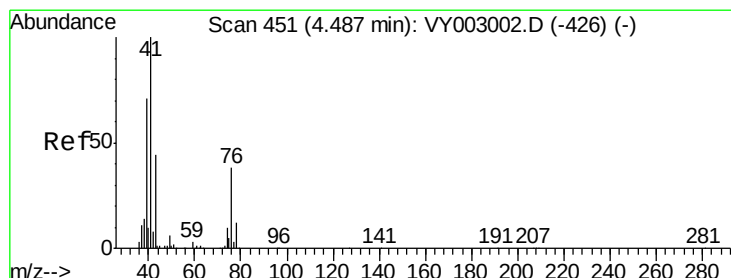
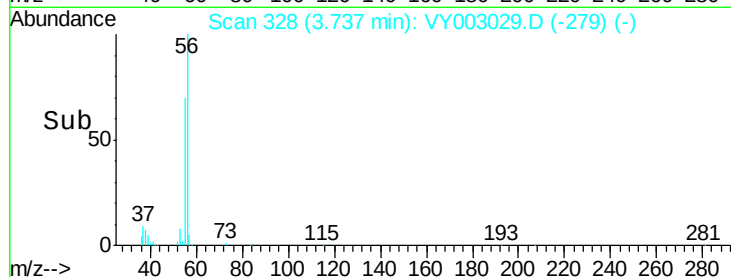
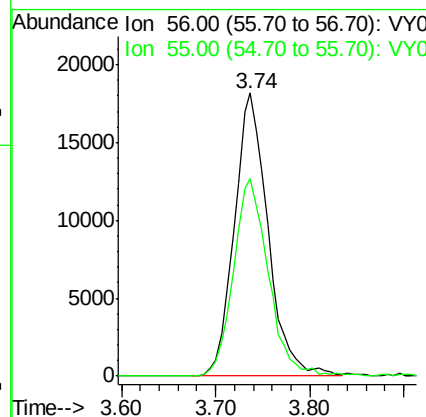
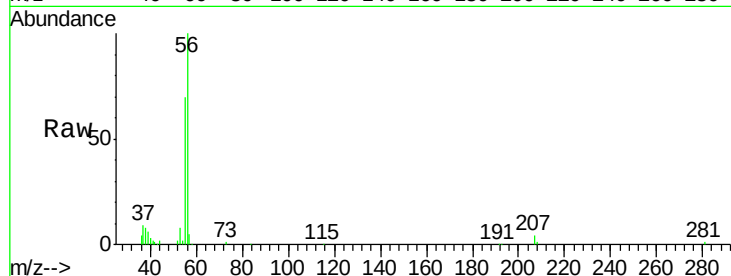
#13
 Acrolein
 Concen: 98.200 ug/l
 RT: 3.74 min Scan# 328
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
55	72.1	56.4	84.6

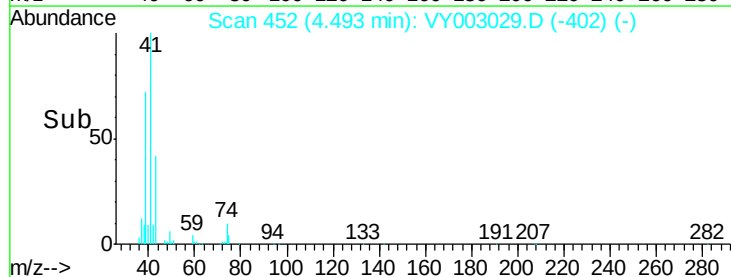
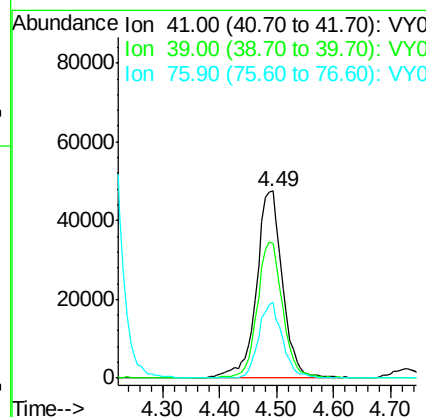
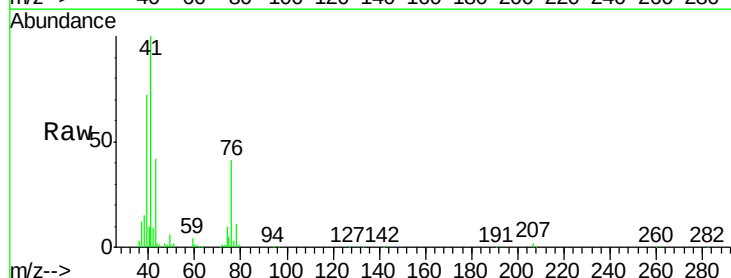
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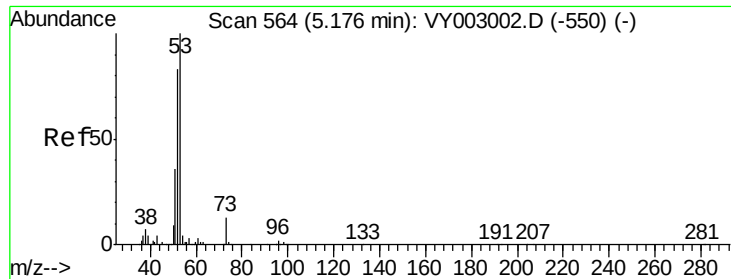
sam
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#14
 Allyl chloride
 Concen: 19.830 ug/l
 RT: 4.49 min Scan# 452
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.3	55.6	83.4
76	36.6	28.6	43.0





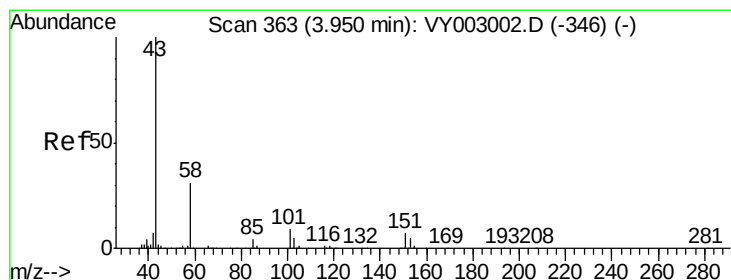
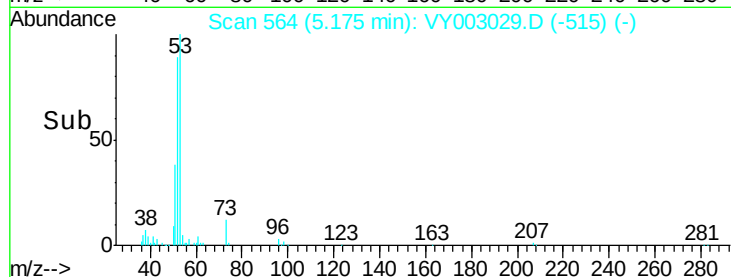
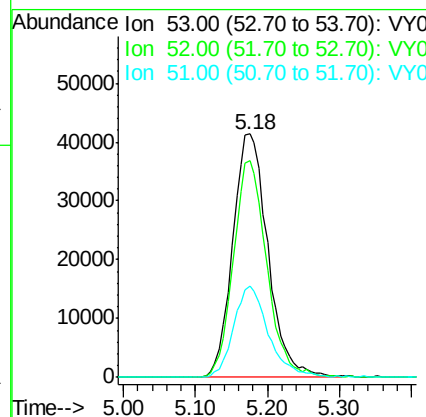
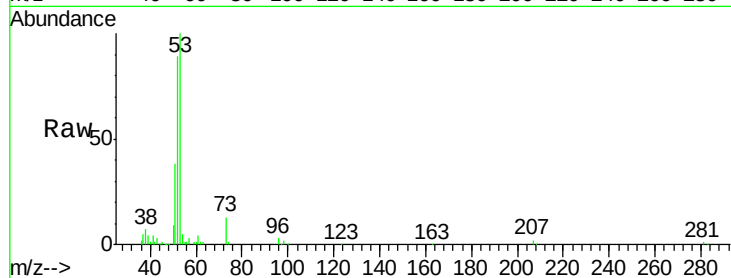
#15
 Acrylonitrile
 Concen: 103.116 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion:	53	Resp:	140424
Ion	Ratio	Lower	Upper
53	100		
52	84.9	66.2	99.2
51	37.1	29.5	44.3

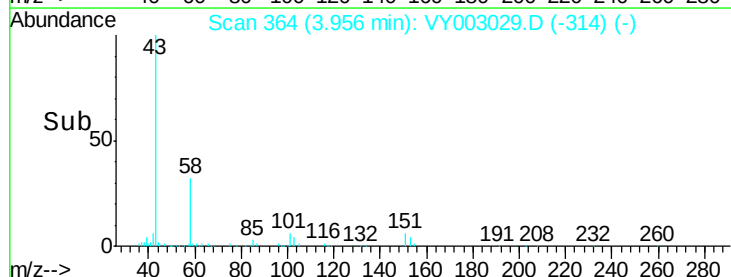
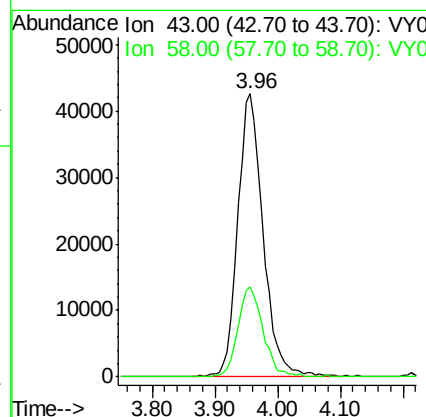
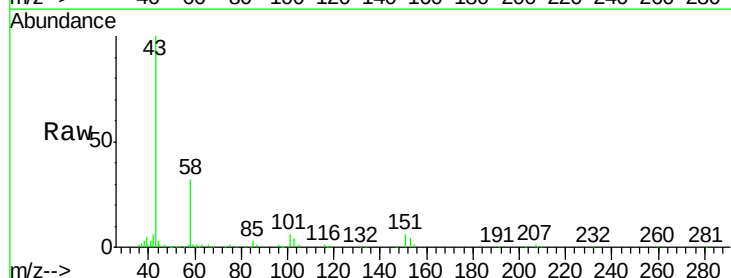
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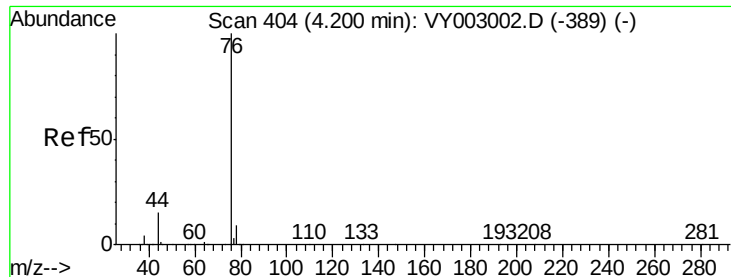
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#16
 Acetone
 Concen: 101.061 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion:	43	Resp:	119504
Ion	Ratio	Lower	Upper
43	100		
58	31.6	24.7	37.1





#17

Carbon Disulfide

Concen: 20.615 ug/l

RT: 4.20 min Scan# 404

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 76 Resp: 288421

Ion Ratio Lower Upper

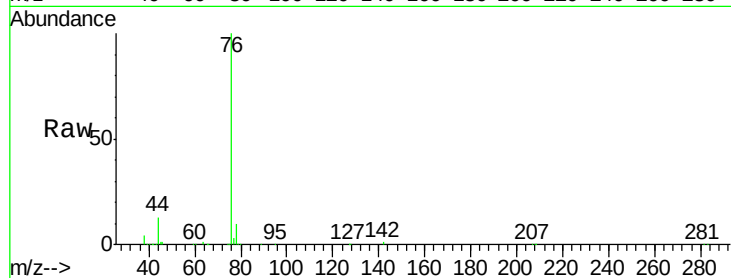
76 100

78 9.7 7.0 10.6

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.20

120000

100000

80000

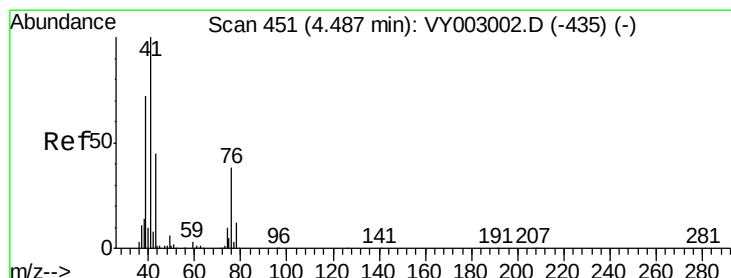
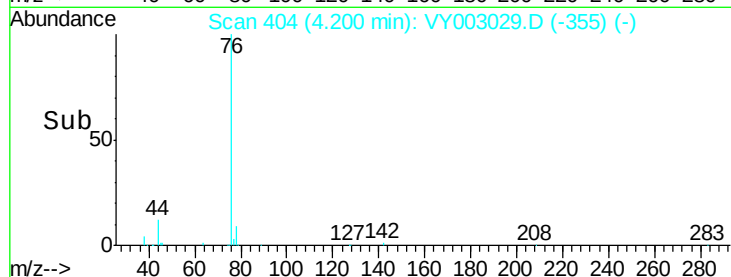
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.312 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY003029.D

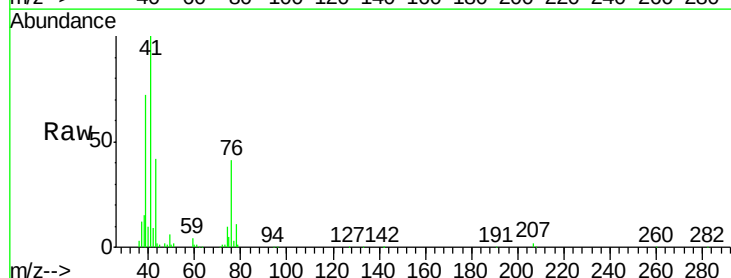
Acq: 30 Jun 2020 12:04

Tgt Ion: 43 Resp: 61523

Ion Ratio Lower Upper

43 100

74 24.2 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.49

20000

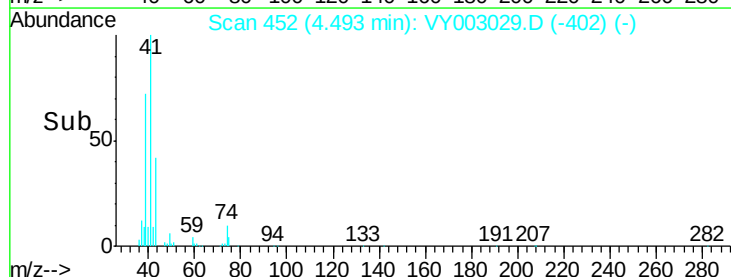
15000

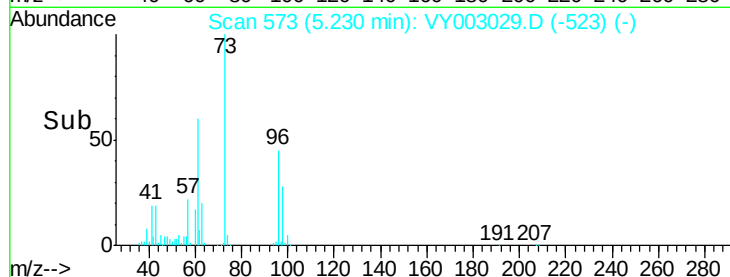
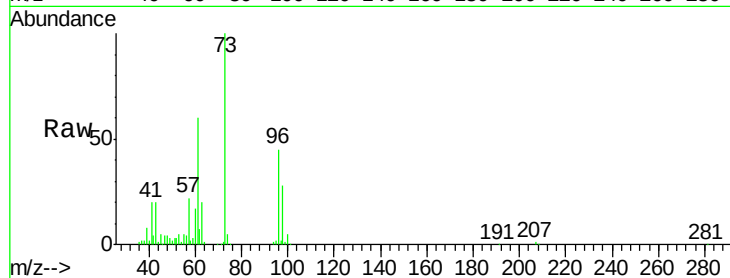
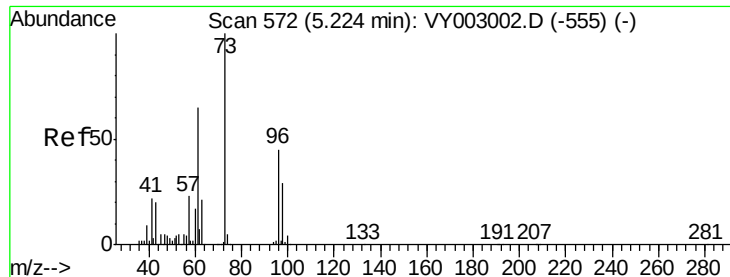
10000

5000

0

Time-->





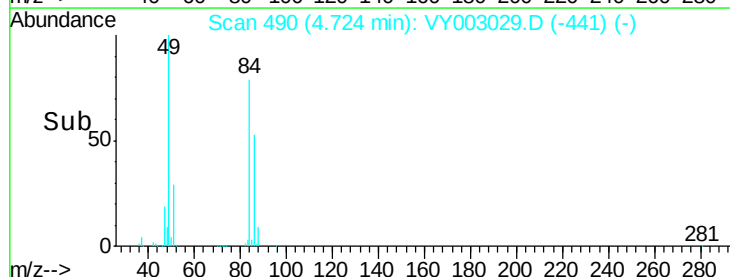
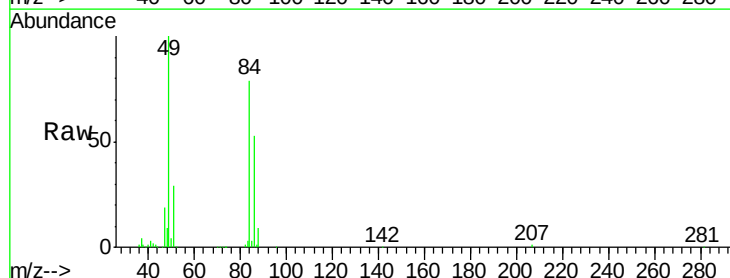
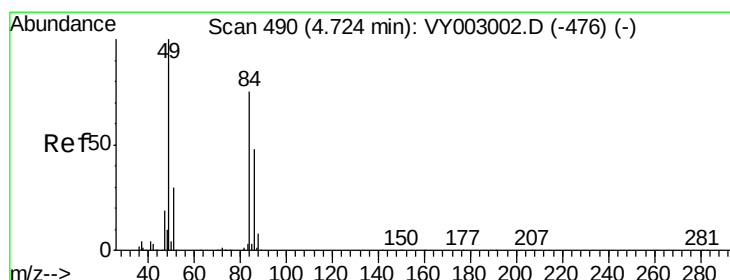
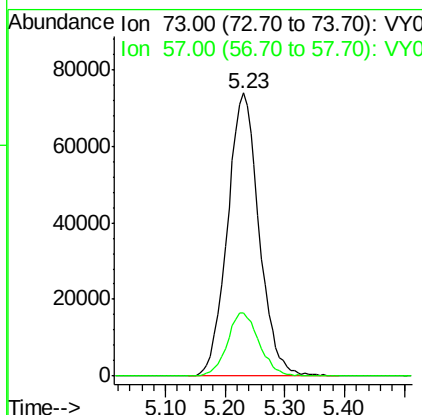
#19
Methyl tert-butyl Ether
Concen: 21.340 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tot Ion	73	57	Ratio	100	22.2	Resp	272381	Lower	18.2	Upper	27.2
Ion	73	57	Ratio	100	22.2	Resp	272381	Lower	18.2	Upper	27.2

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

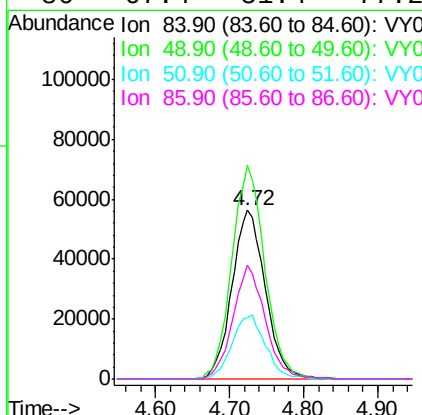
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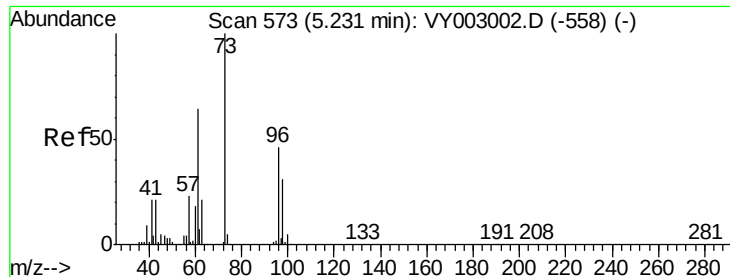
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#20
Methylene Chloride
Concen: 30.949 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	84	49	51	86	Ratio	100	126.4	36.1	67.4	Resp	177323	Lower	106.8	32.0	51.4	Upper	160.2	48.0	77.2
Ion	84	49	51	86	Ratio	100	126.4	36.1	67.4	Resp	177323	Lower	106.8	32.0	51.4	Upper	160.2	48.0	77.2





#21

trans-1,2-Dichloroethene

Concen: 21.133 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

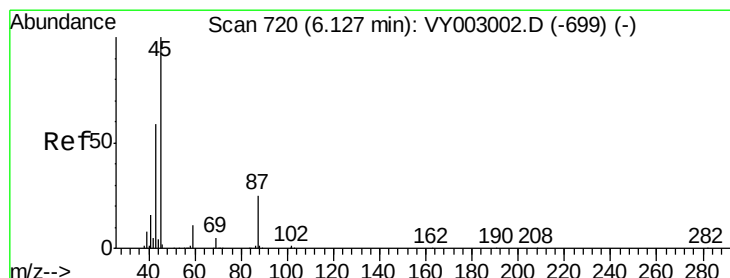
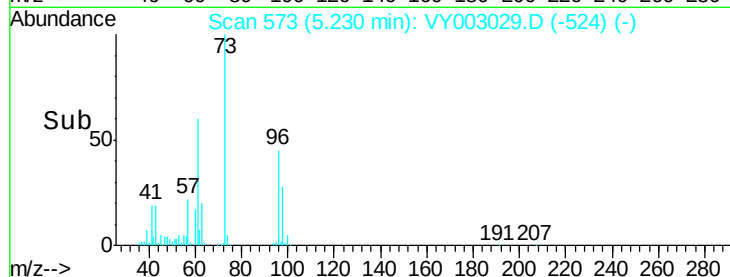
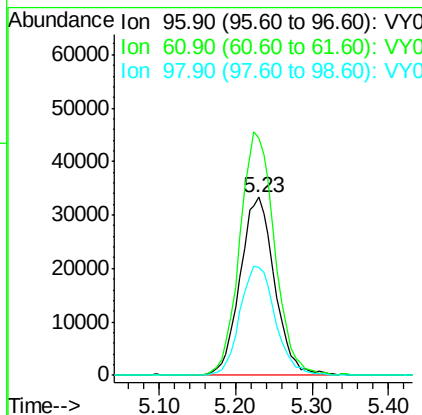
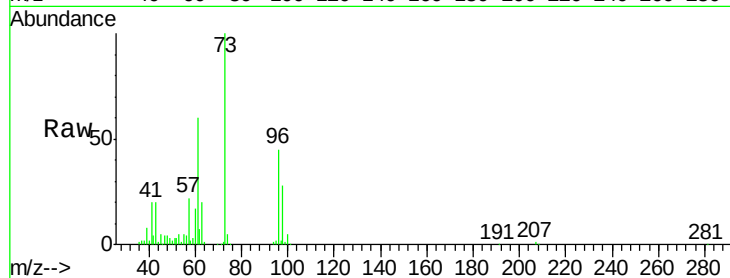
ClientSampleId :

VY0630SBS01

Tot Ion:	96	Resp:	104674
Ion	Ratio	Lower	Upper
96	100		
61	132.9	112.3	168.5
98	60.9	53.8	80.8

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#22

Diisopropyl ether

Concen: 19.971 ug/l

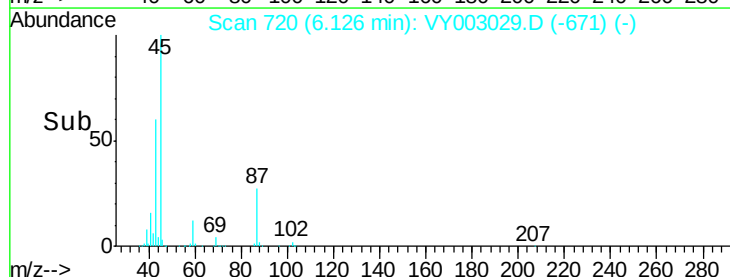
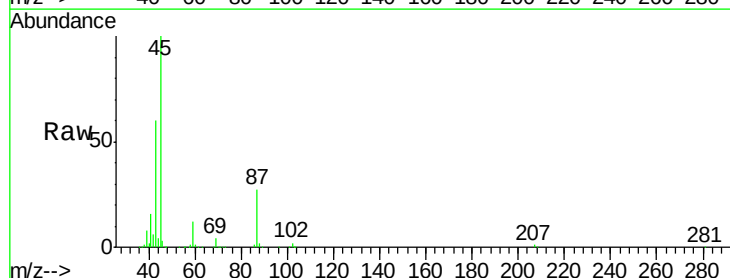
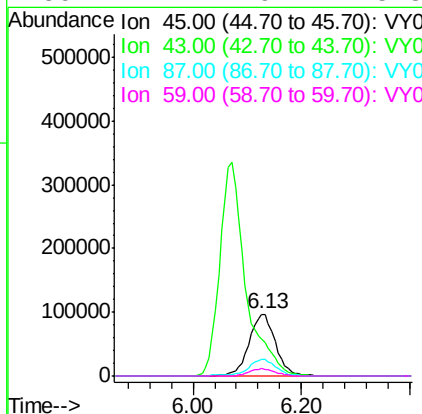
RT: 6.13 min Scan# 720

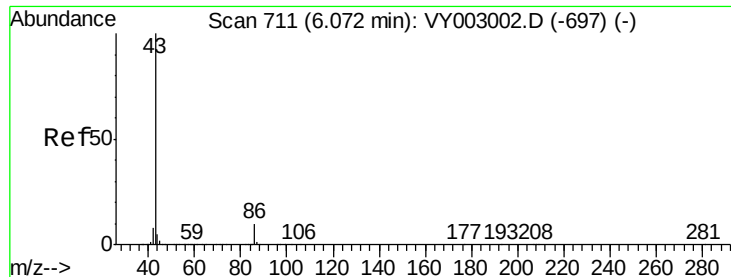
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	45	Resp:	327252
Ion	Ratio	Lower	Upper
45	100		
43	59.7	47.4	71.2
87	26.8	20.2	30.2
59	12.1	9.2	13.8





#23

Vinyl Acetate

Concen: 101.595 ug/l

RT: 6.07 min Scan# 711

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tot Ion: 43 Resp: 1113011

Ion Ratio Lower Upper

43 100

86 10.4 8.1 12.1

Instrument :

MSVOA_Y

ClientSampleId :

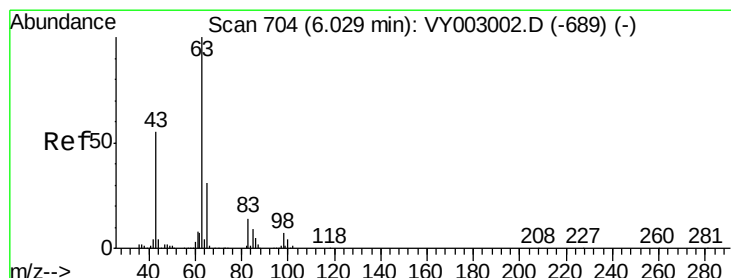
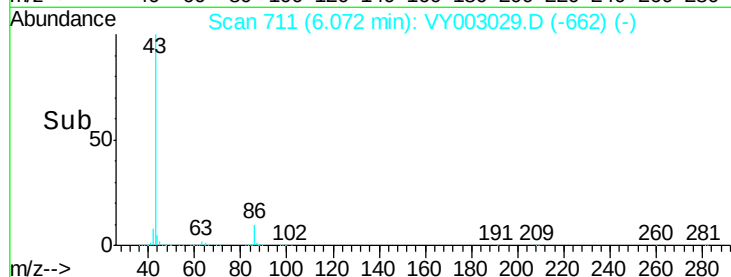
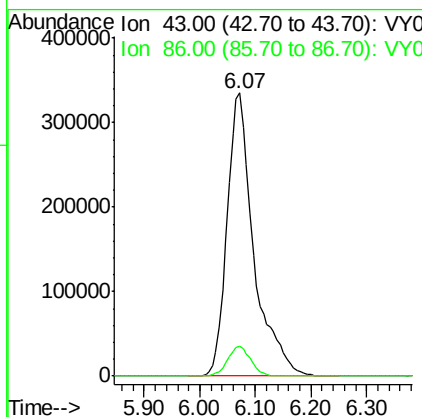
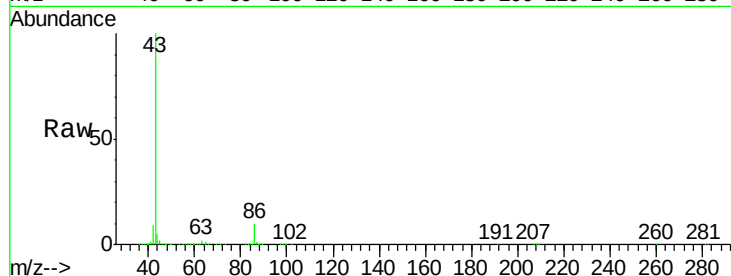
VY0630SBS01

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#24

1,1-Dichloroethane

Concen: 20.516 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

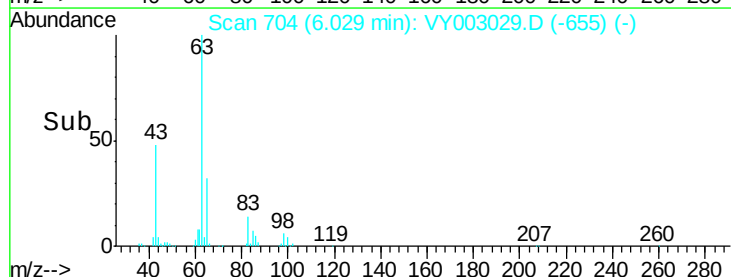
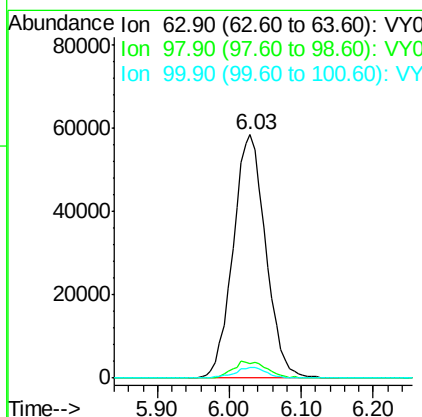
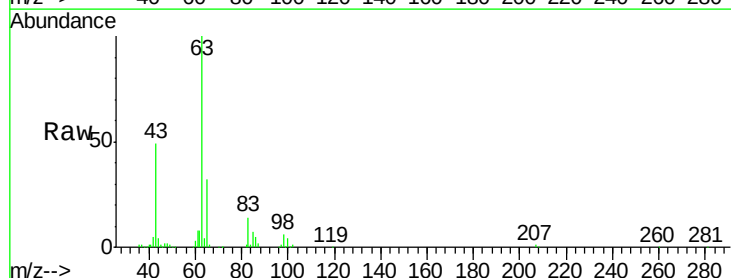
Tgt Ion: 63 Resp: 183640

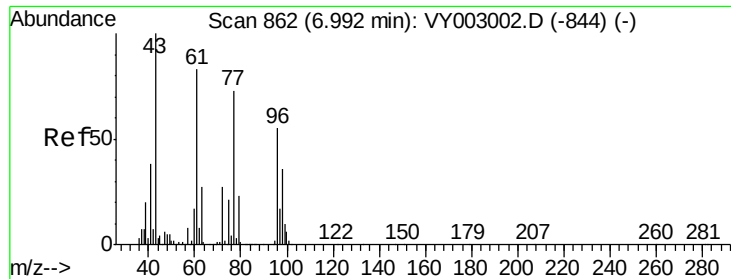
Ion Ratio Lower Upper

63 100

98 6.1 3.4 10.1

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 104.913 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 43 Resp: 197067

Ion Ratio Lower Upper

43 100

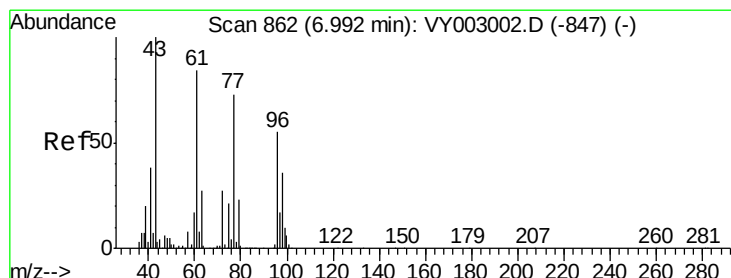
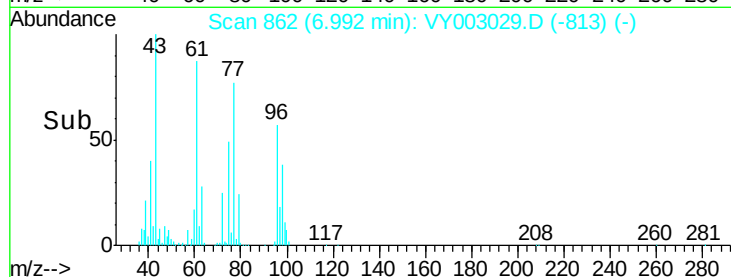
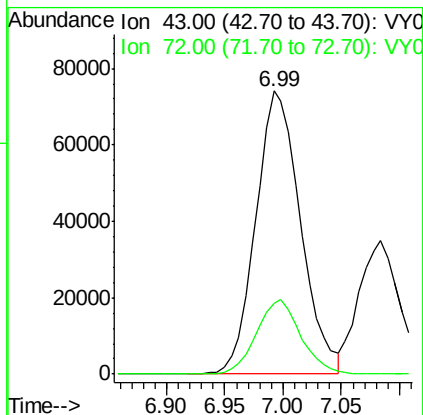
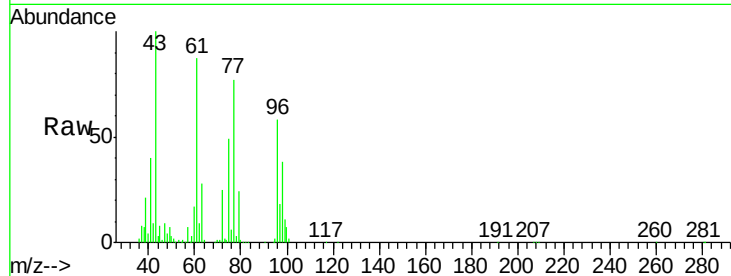
72 25.0 21.4 32.0

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#26

2,2-Dichloropropane

Concen: 20.773 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.00 min

Lab File: VY003029.D

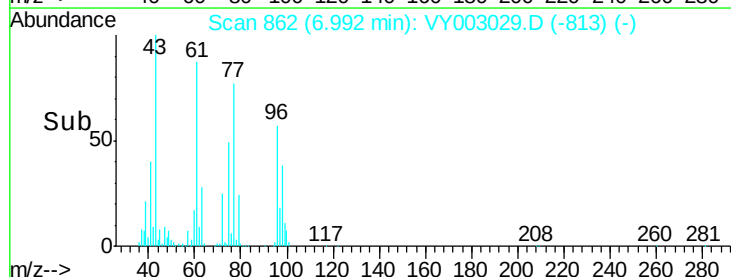
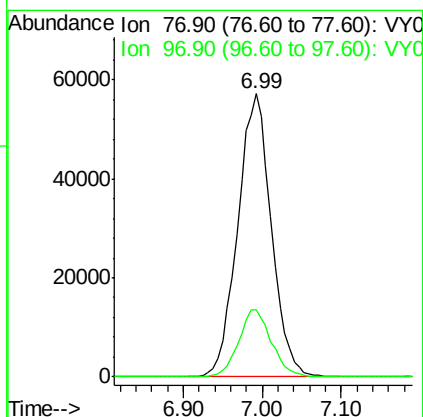
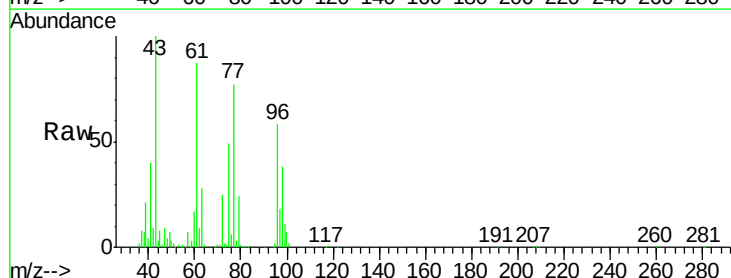
Acq: 30 Jun 2020 12:04

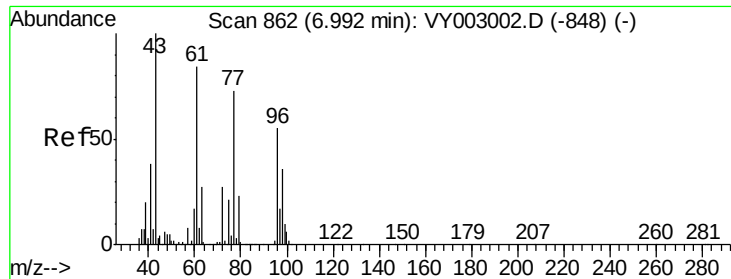
Tgt Ion: 77 Resp: 168937

Ion Ratio Lower Upper

77 100

97 23.1 11.3 33.9





#27

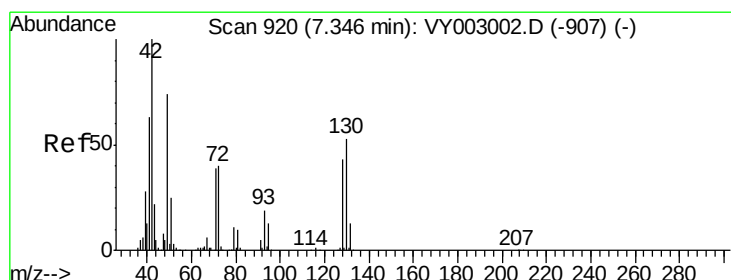
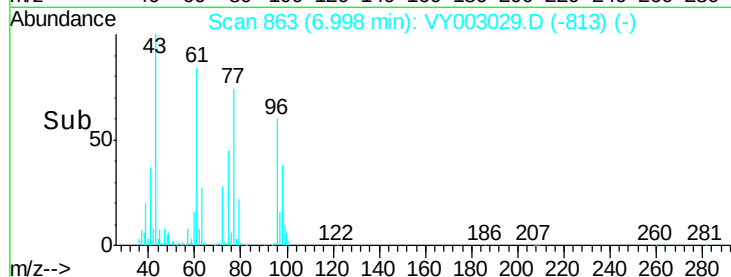
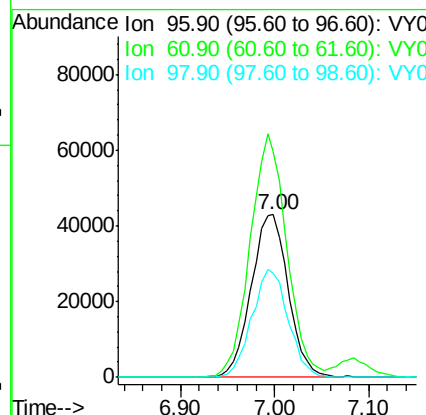
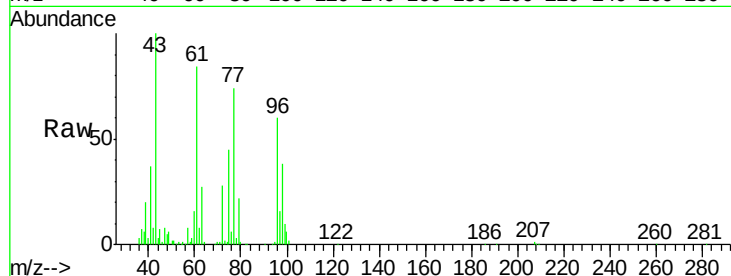
cis-1,2-Dichloroethene
Concen: 21.327 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	301.2
98	65.0	0.0	129.0

Manual Integrations
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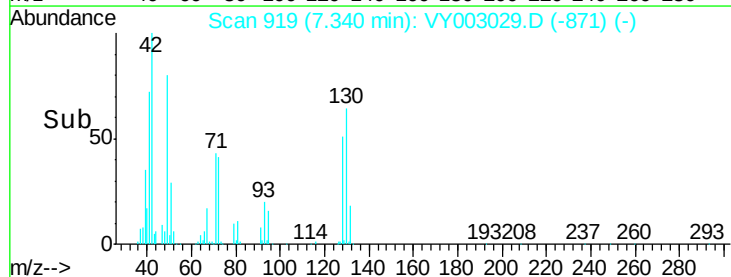
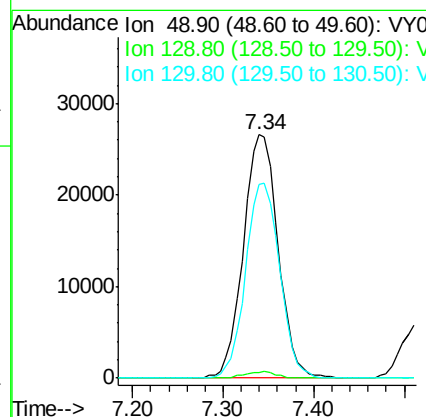
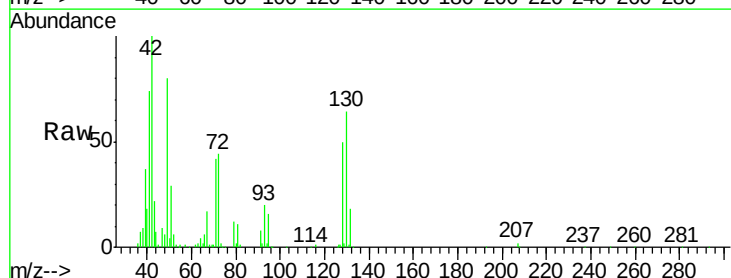
sam
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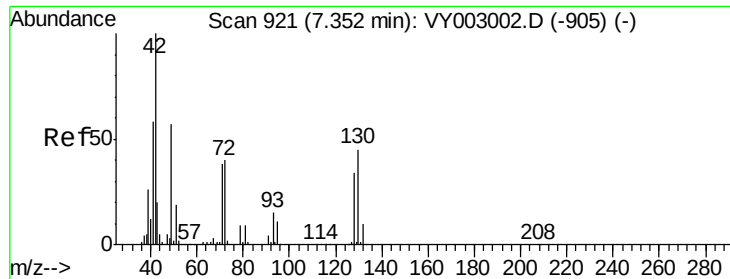


#28

Bromochloromethane
Concen: 17.662 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.4
130	78.9	57.0	85.6





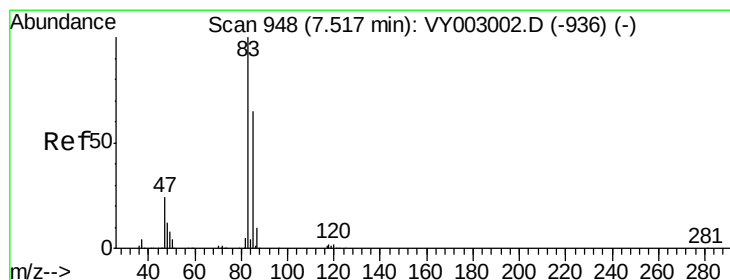
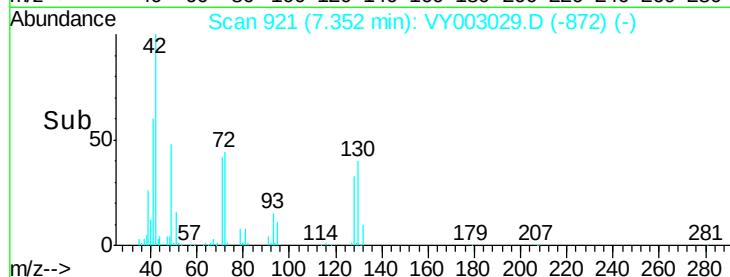
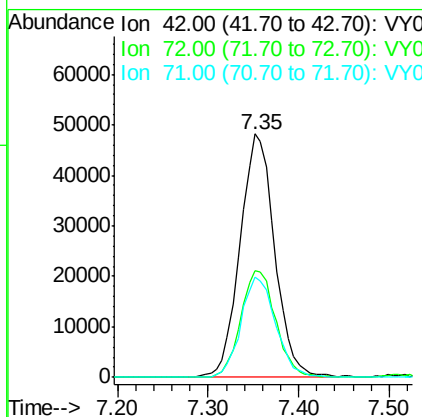
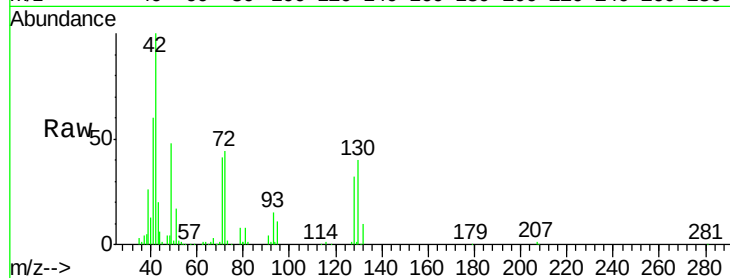
#29
Tetrahydrofuran
Concen: 101.464 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	32.9	49.3
71	41.7	31.2	46.8

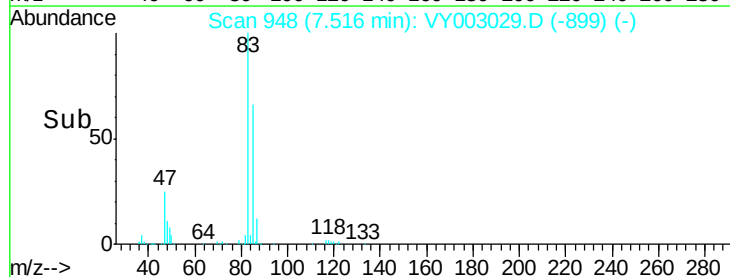
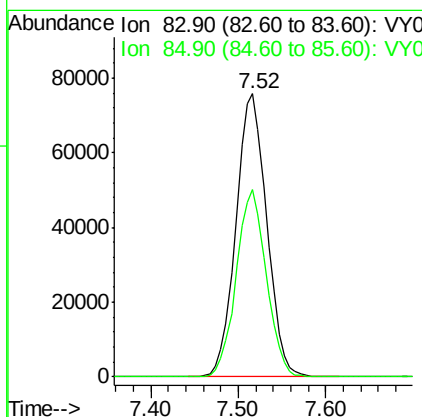
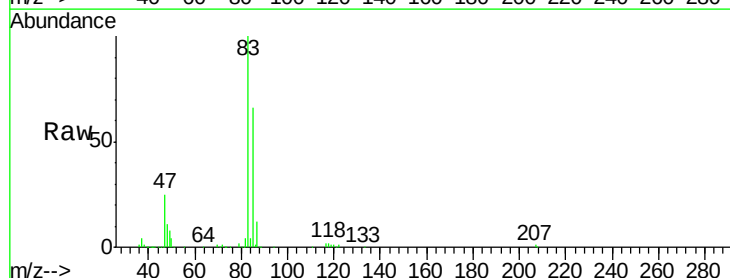
Manual Integrations
APPROVED

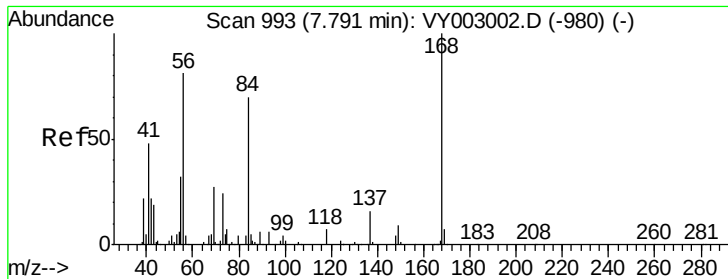
sam
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#30
Chloroform
Concen: 20.935 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.0	51.7	77.5





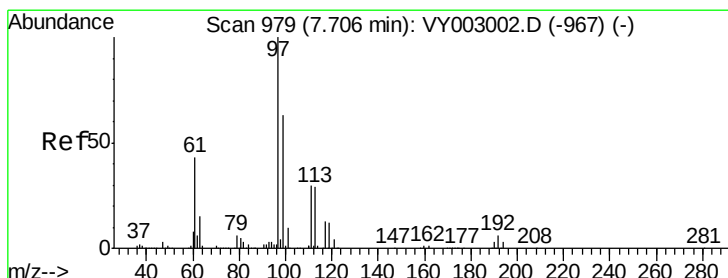
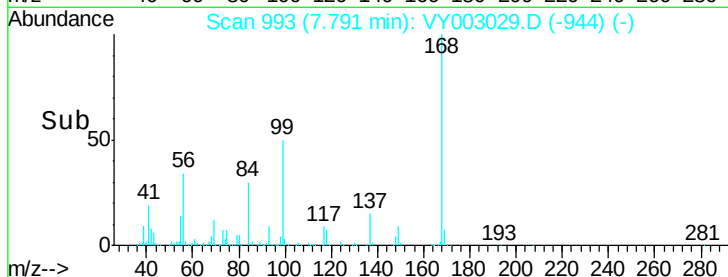
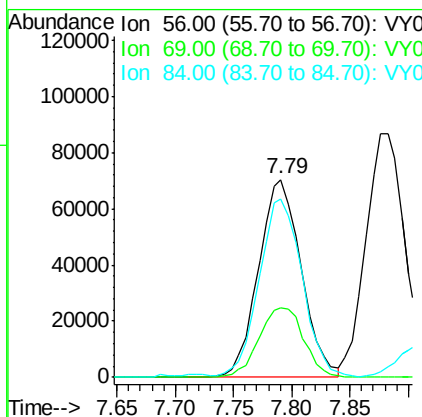
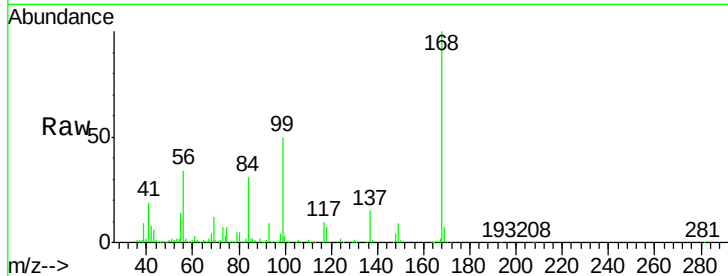
#31
Cyclohexane
Concen: 20.257 ug/l
RT: 7.79 min Scan# 993
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.1	27.0	40.4
84	88.4	68.1	102.1

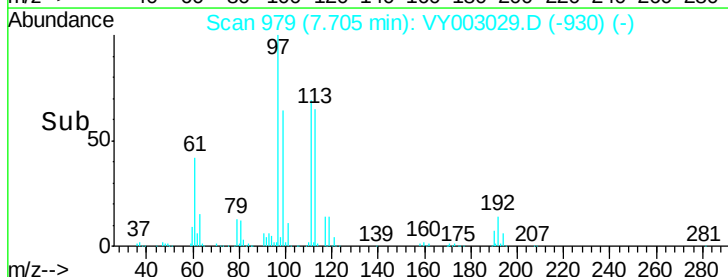
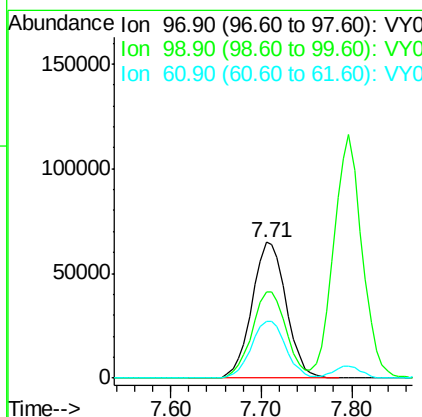
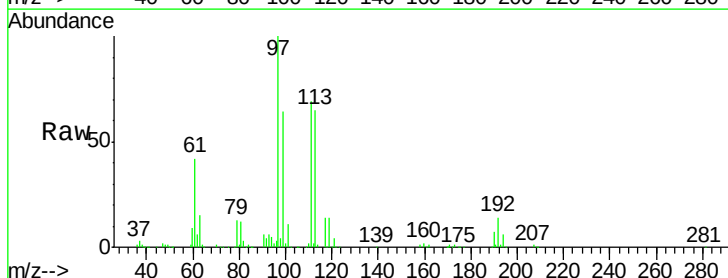
Manual Integrations
APPROVED

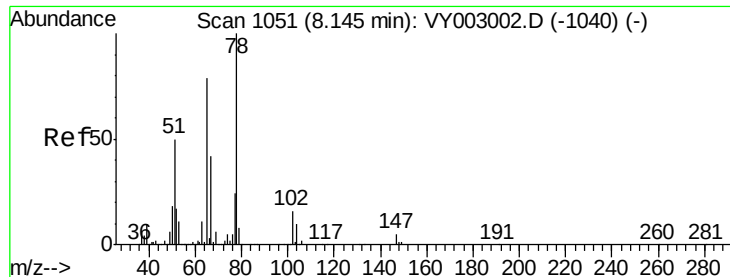
sam
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#32
1,1,1-Trichloroethane
Concen: 20.815 ug/l
RT: 7.71 min Scan# 979
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.4	77.2
61	42.3	33.9	50.9





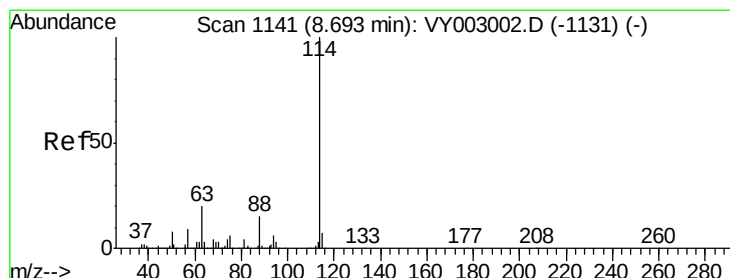
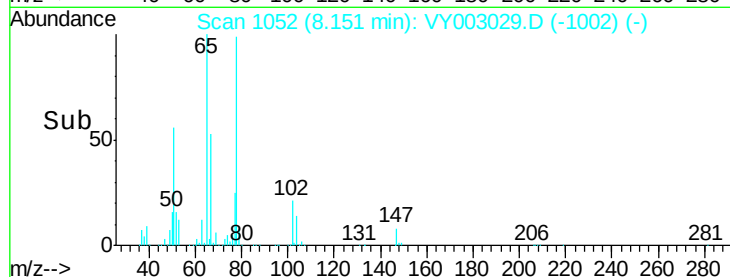
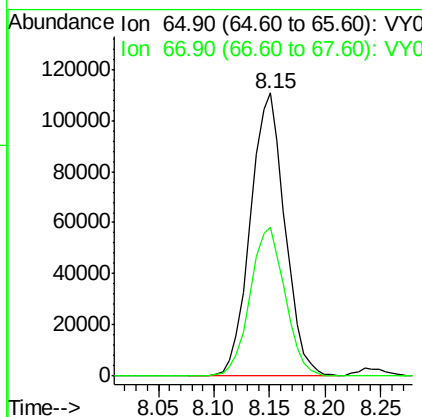
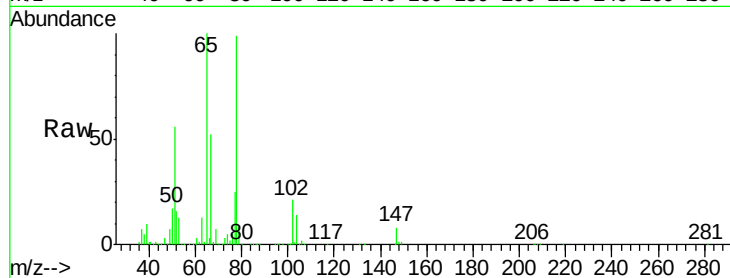
#33
 1,2-Dichloroethane-d4
 Concen: 47.702 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	239166		
67	53.2	0.0	105.6	

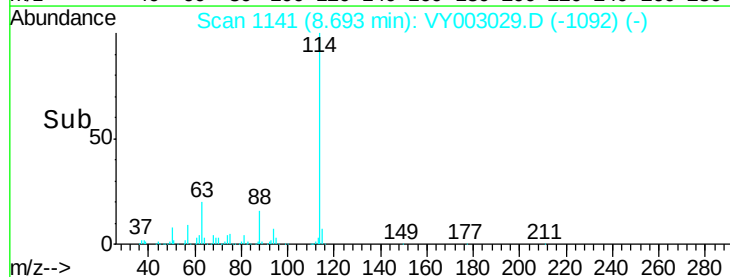
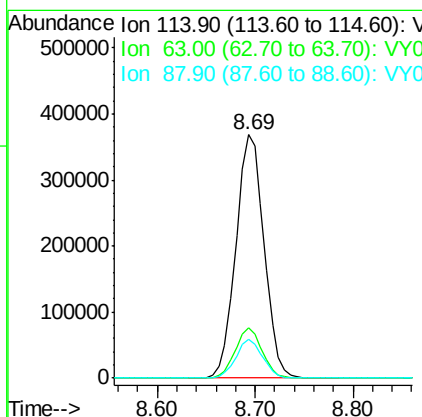
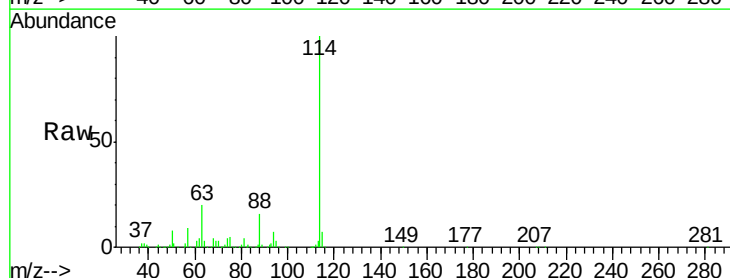
Manual Integrations
 APPROVED

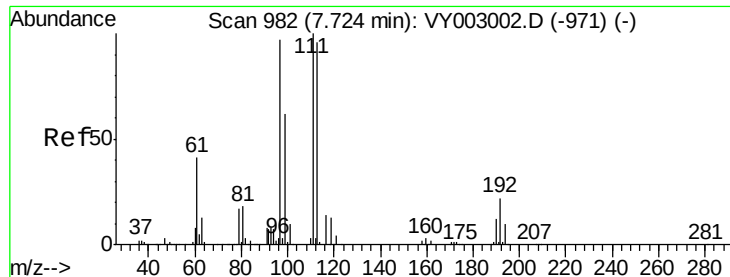
sam
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	736122		
63	20.4	0.0	40.6	
88	15.8	0.0	30.0	





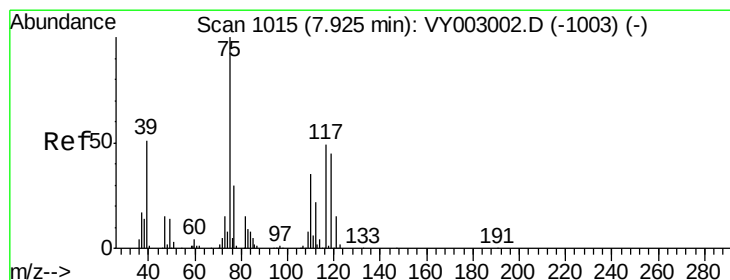
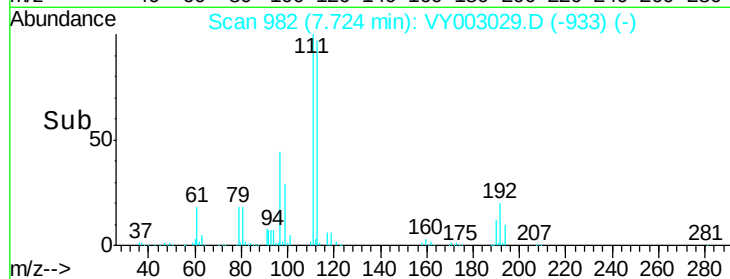
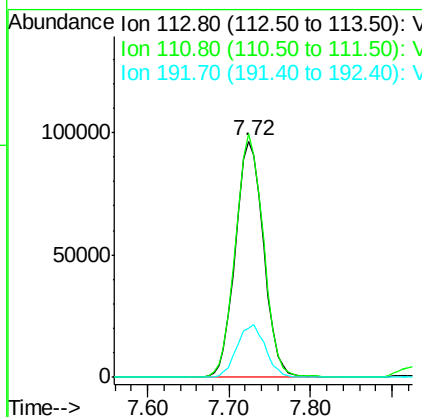
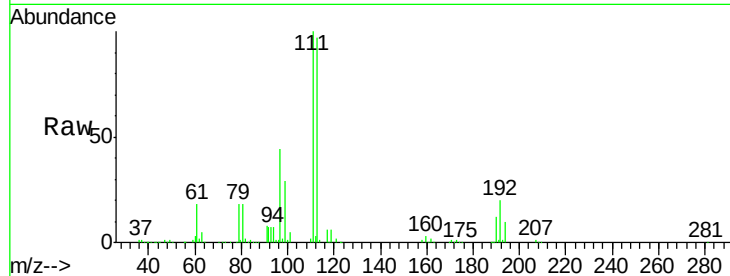
#35
 Dibromofluoromethane
 Concen: 50.048 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	229823		
111	102.1	82.6	123.8	
192	22.6	18.1	27.1	

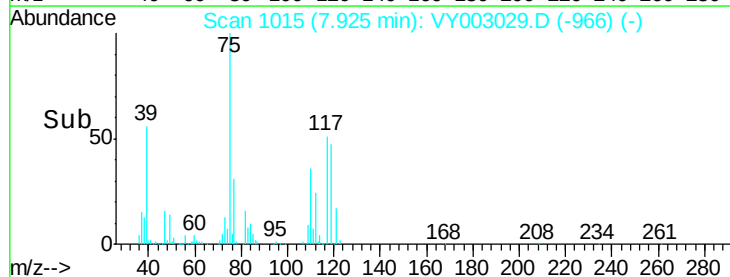
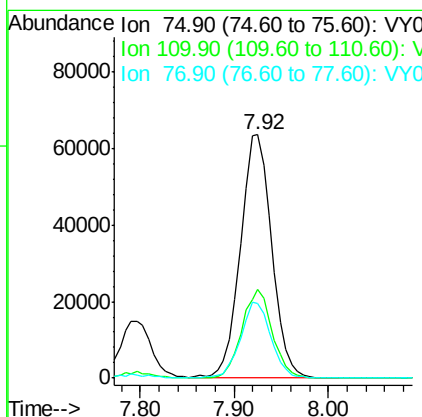
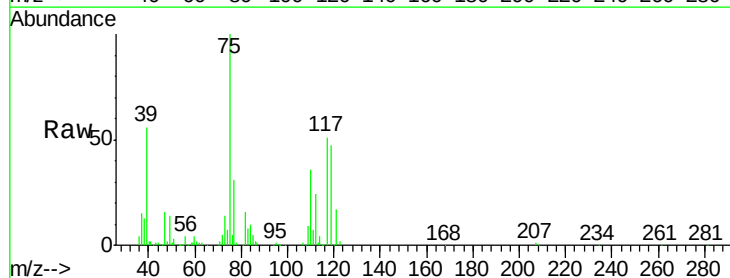
Manual Integrations
 APPROVED

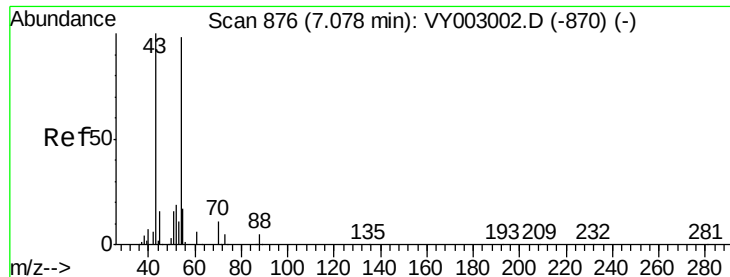
sam
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#36
 1,1-Dichloropropene
 Concen: 20.942 ug/l
 RT: 7.92 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	148495		
110	35.0	17.1	51.2	
77	30.4	24.9	37.3	





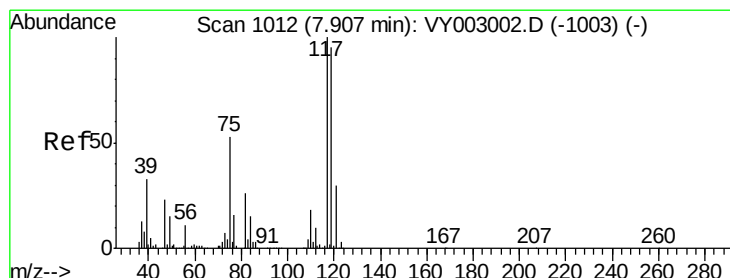
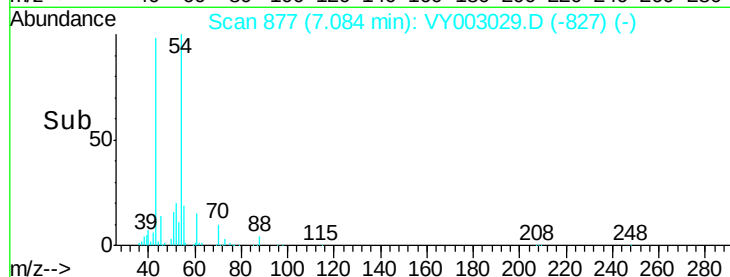
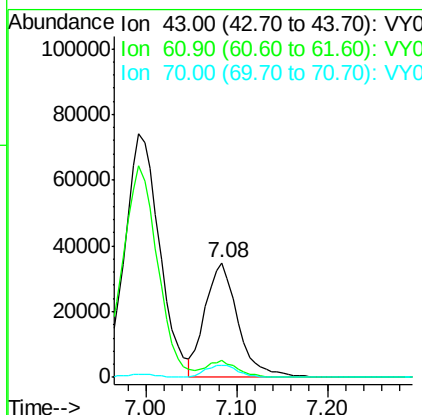
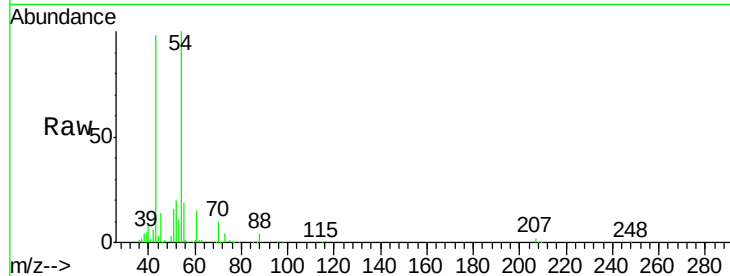
#37
Ethyl Acetate
Concen: 20.592 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.4	15.6
70	10.9	7.7	11.5

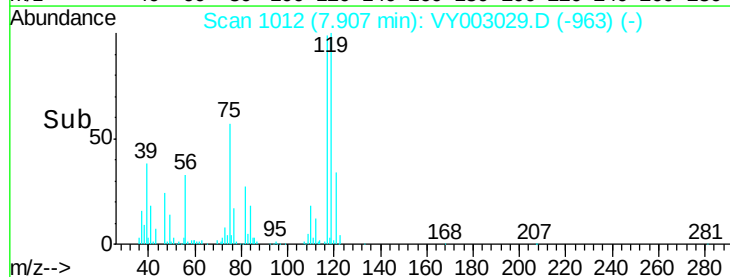
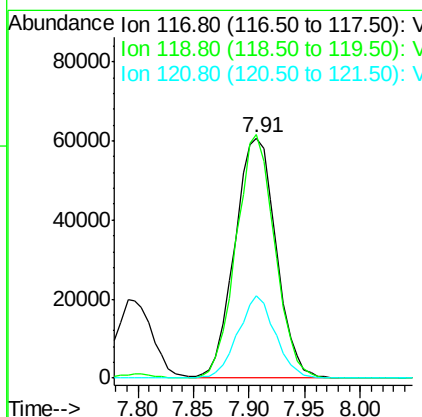
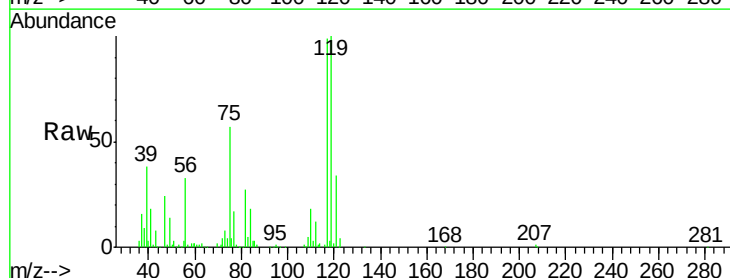
Manual Integrations
APPROVED

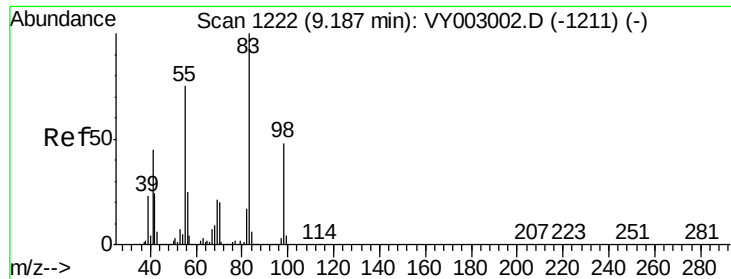
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#38
Carbon Tetrachloride
Concen: 21.236 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.5	75.7	113.5
121	34.2	23.9	35.9





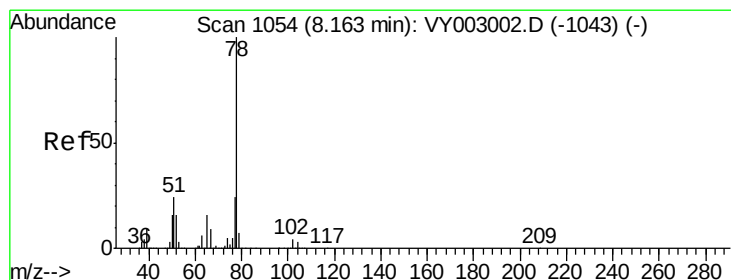
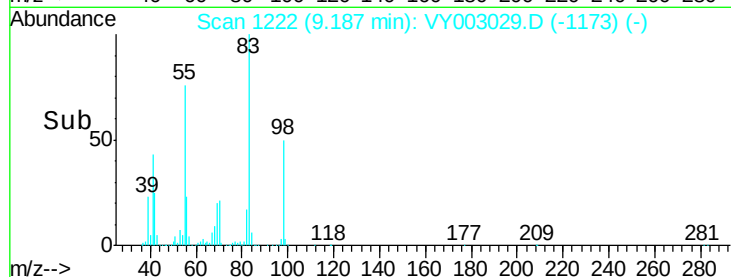
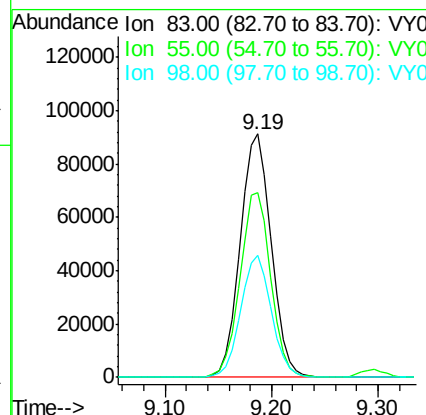
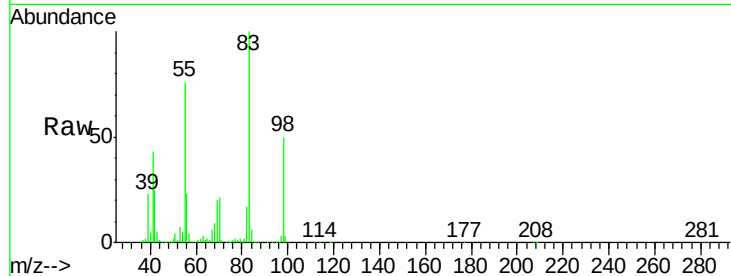
#39
Methylvlcyclohexane
Concen: 21.276 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.0	59.9	89.9
98	50.0	38.7	58.1

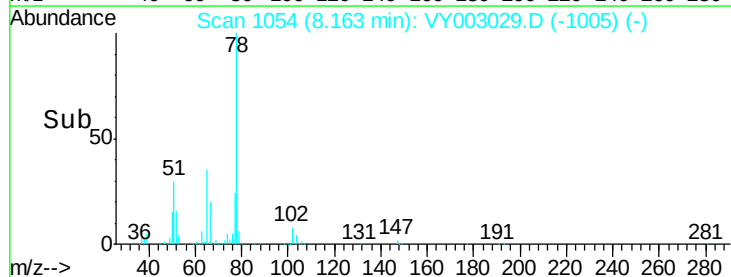
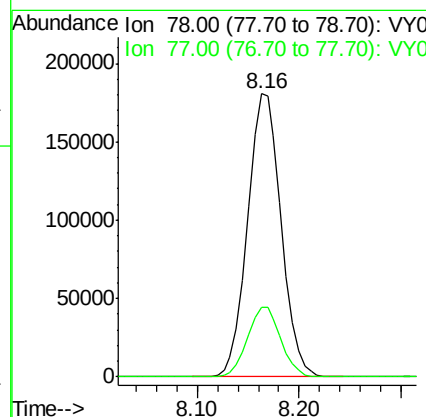
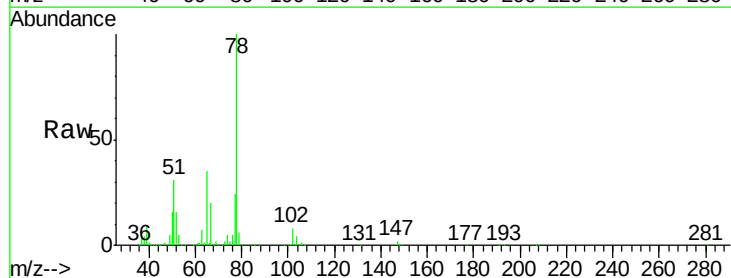
Manual Integrations
APPROVED

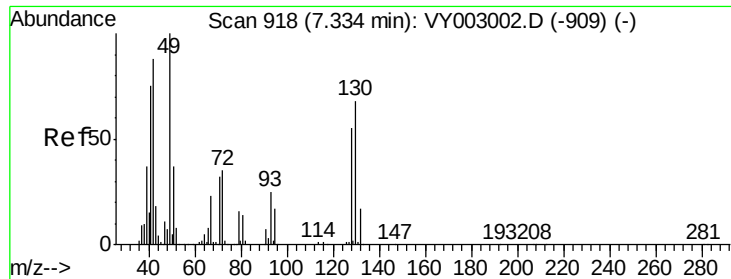
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#40
Benzene
Concen: 21.245 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.2	28.8





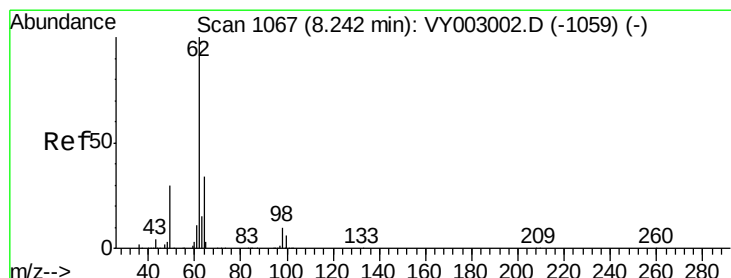
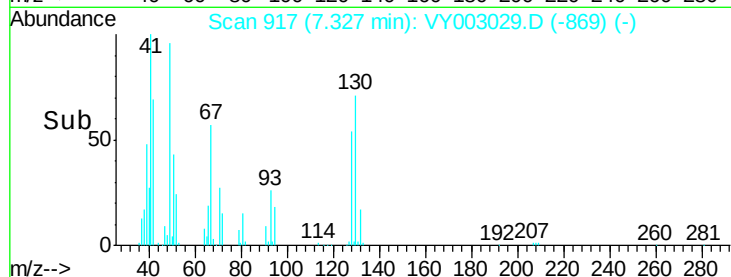
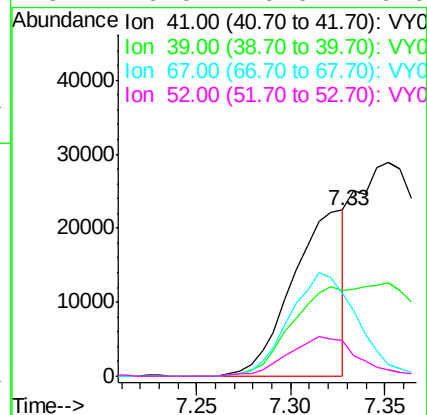
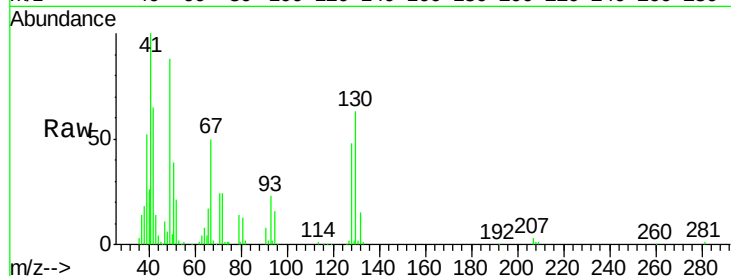
#41
Methacrylonitrile
Concen: 19.288 ug/l m
RT: 7.33 min Scan# 917
Delta R.T. -0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion	41	Resp	43926
Ion Ratio	Lower	Upper	
41	100		
39	0.0	85.7	128.5#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

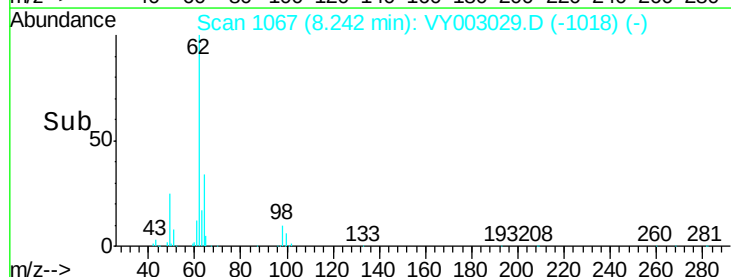
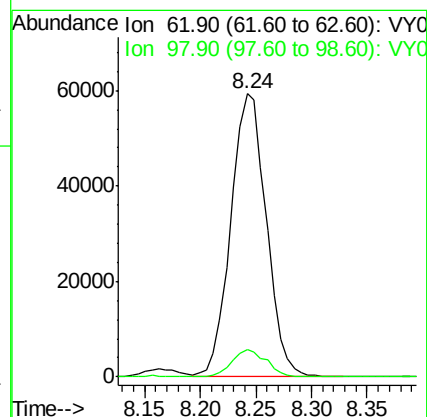
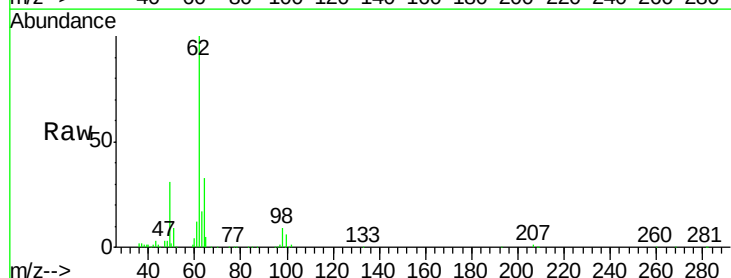
Manual Integrations
APPROVED

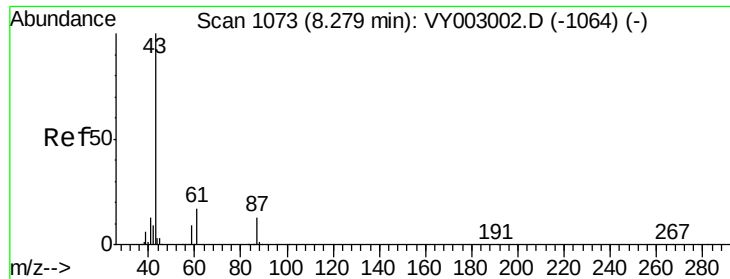
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#42
1,2-Dichloroethane
Concen: 21.349 ug/l
RT: 8.24 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	62	Resp	131110
Ion Ratio	Lower	Upper	
62	100		
98	9.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 20.539 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

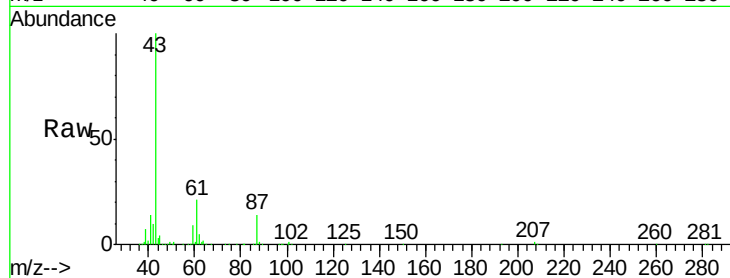
ClientSampleId :

VY0630SBS01

Tot Ion:	43	Resp:	166466
Ion Ratio		Lower	Upper
43	100		
61	29.4	21.8	32.6
87	13.4	10.1	15.1

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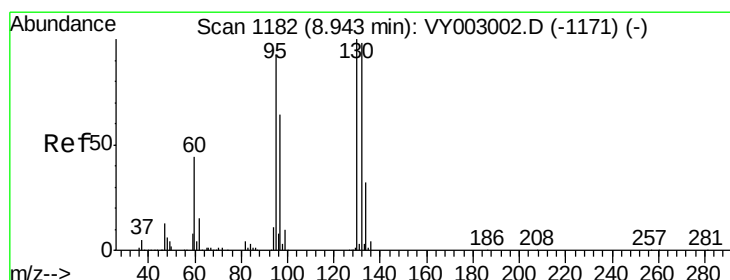
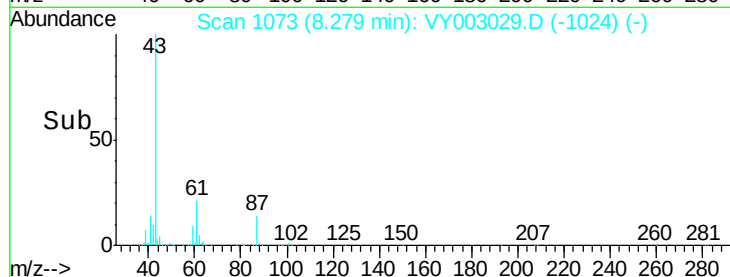
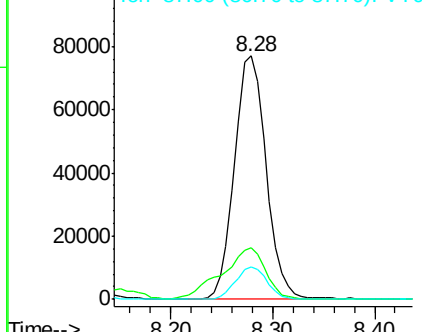
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Abundance Ion 43.00 (42.70 to 43.70): VY003002.D (-1064) (-)

Ion 61.00 (60.70 to 61.70): VY003002.D (-1064) (-)

Ion 87.00 (86.70 to 87.70): VY003002.D (-1064) (-)



#44

Trichloroethene

Concen: 21.566 ug/l

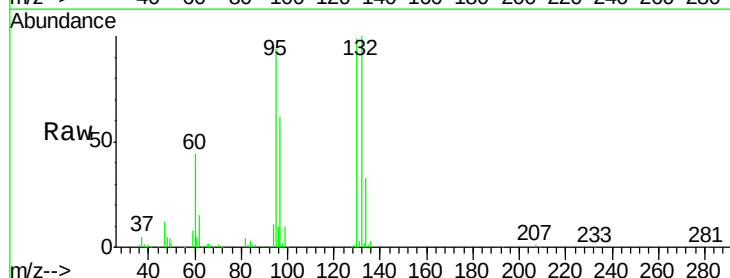
RT: 8.94 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VY003029.D

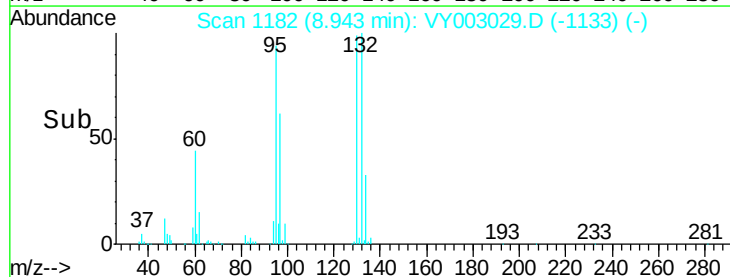
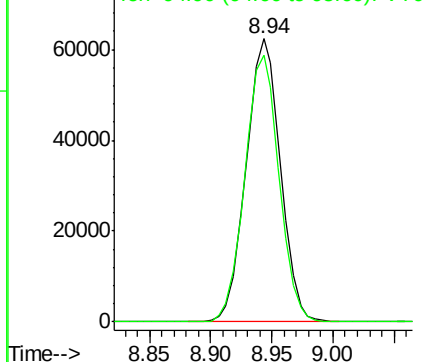
Acq: 30 Jun 2020 12:04

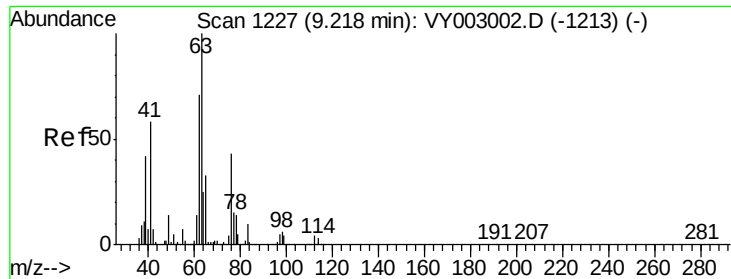
Tgt Ion:	130	Resp:	121678
Ion Ratio		Lower	Upper
130	100		
95	94.4	0.0	186.4



Abundance Ion 129.80 (129.50 to 130.50): VY003002.D (-1171) (-)

Ion 94.90 (94.60 to 95.60): VY003002.D (-1171) (-)





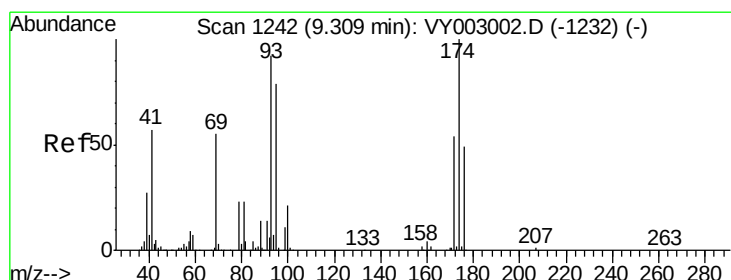
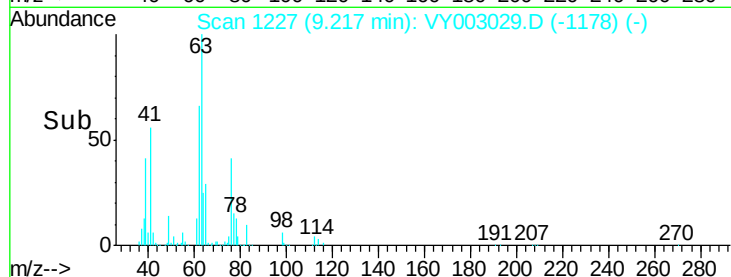
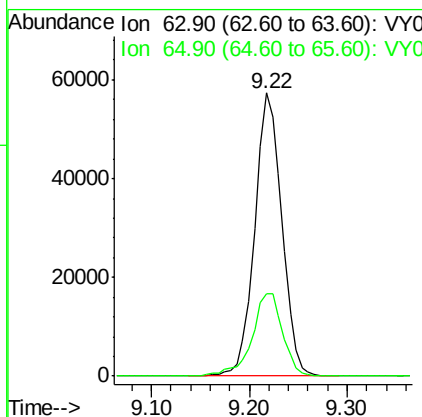
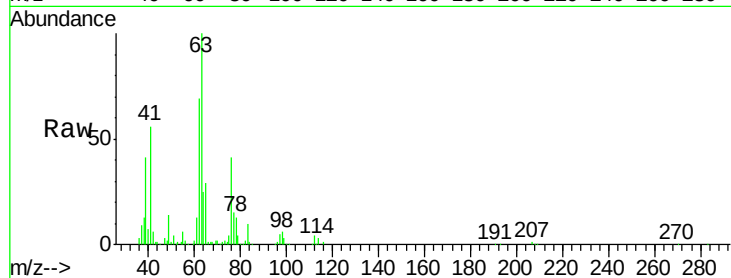
#45
 1,2-Dichloropropane
 Concen: 21.057 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 63 Resp: 109973
 Ion Ratio Lower Upper
 63 100
 65 29.3 26.2 39.4

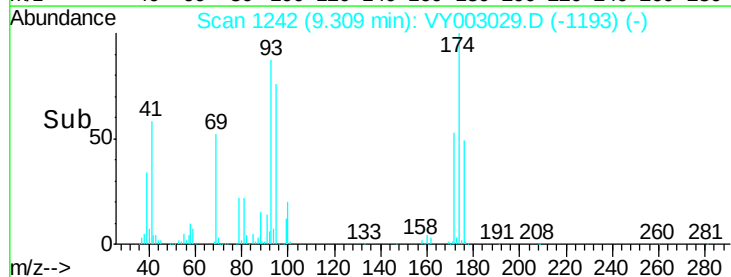
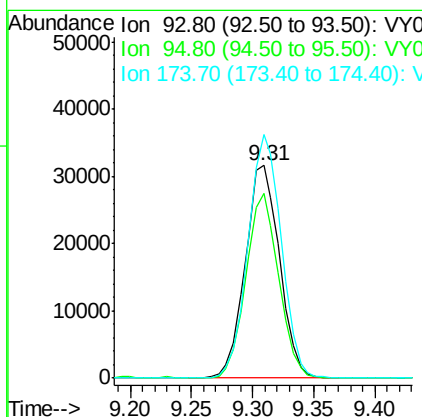
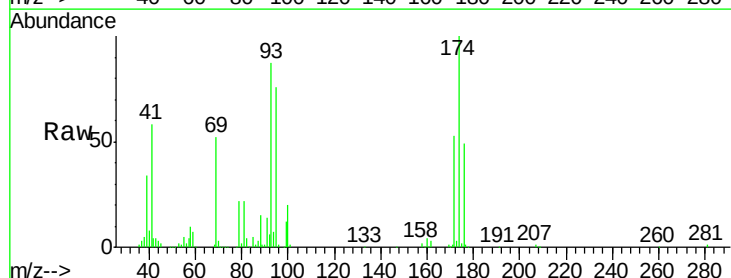
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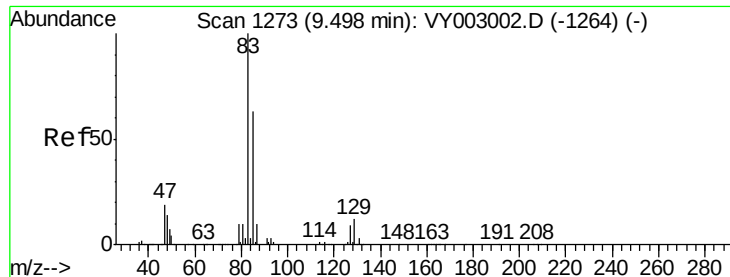
Sam
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#46
 Dibromomethane
 Concen: 21.164 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 93 Resp: 61732
 Ion Ratio Lower Upper
 93 100
 95 82.9 67.6 101.4
 174 111.7 88.3 132.5





#47

Bromodichloromethane

Concen: 21.184 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

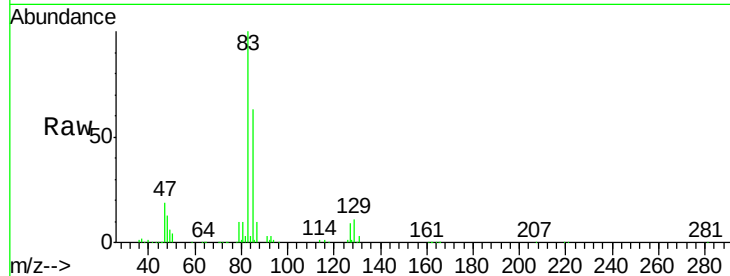
ClientSampleId :

VY0630SBS01

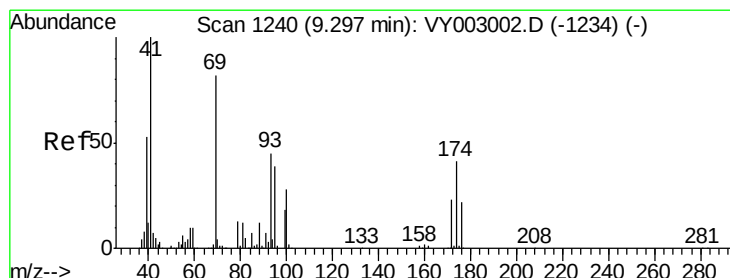
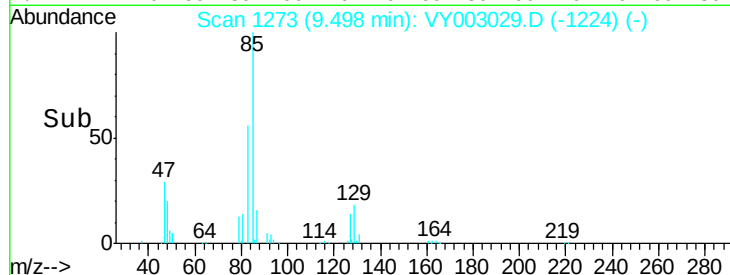
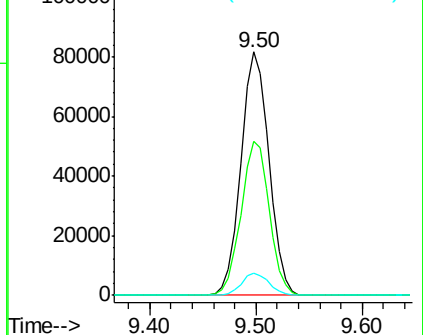
Tot Ion:	83	Resp:	151305
Ion	Ratio	Lower	Upper
83	100		
85	63.3	50.5	75.7
127	8.9	7.0	10.4

Manual Integrations
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sam
7/1/2020 10:11:21 PM



Abundance Ion 82.90 (82.60 to 83.60): VY0
Ion 84.90 (84.60 to 85.60): VY0
Ion 126.80 (126.50 to 127.50): VY0



#48

Methyl methacrylate

Concen: 19.827 ug/l

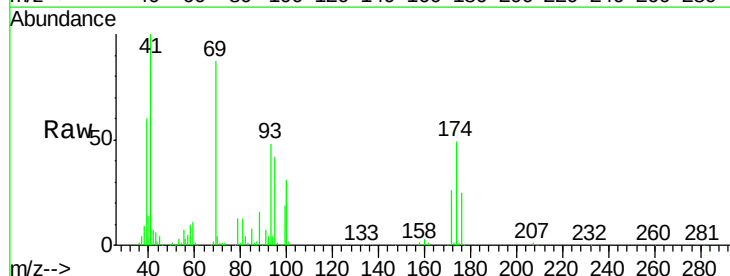
RT: 9.30 min Scan# 1240

Delta R.T. -0.00 min

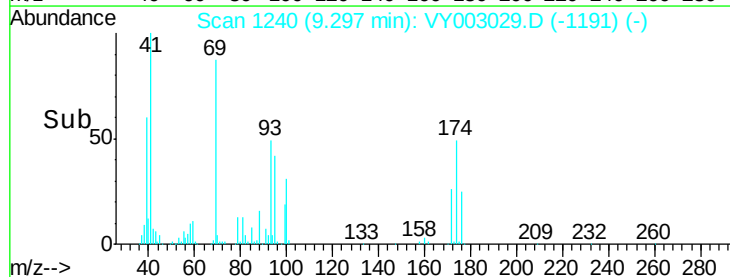
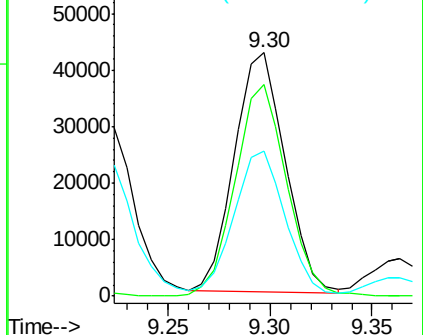
Lab File: VY003029.D

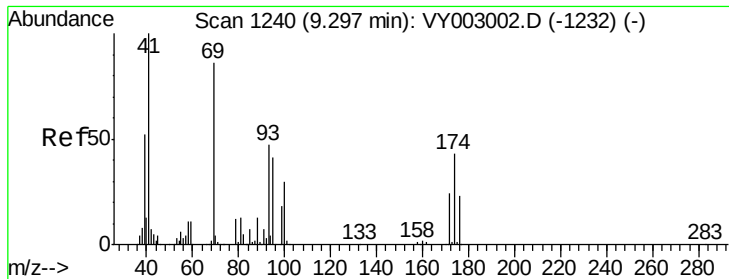
Acq: 30 Jun 2020 12:04

Tgt Ion:	41	Resp:	73141
Ion	Ratio	Lower	Upper
41	100		
69	90.3	67.7	101.5
39	62.2	45.0	67.4



Abundance Ion 41.00 (40.70 to 41.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 39.00 (38.70 to 39.70): VY0





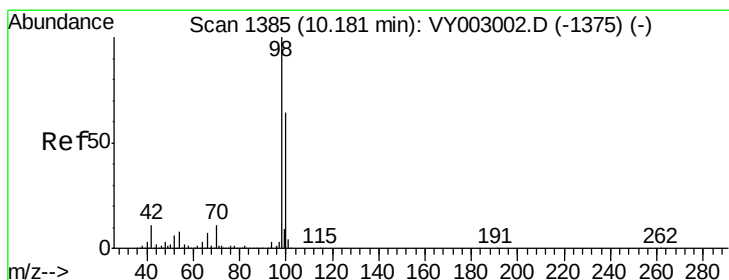
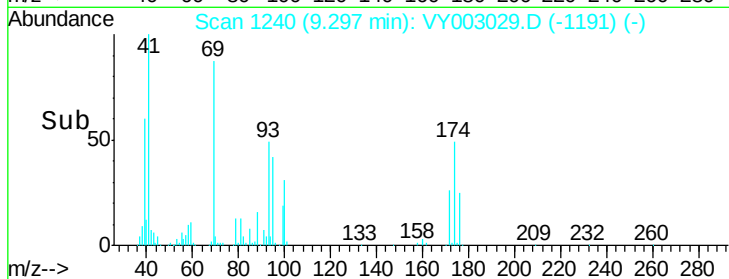
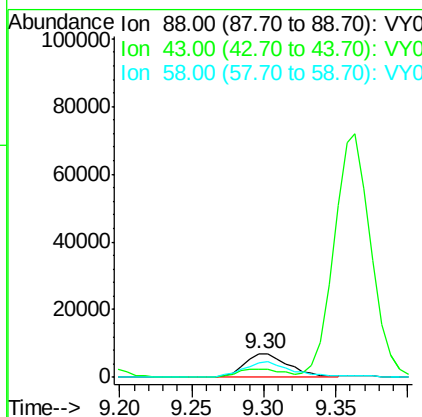
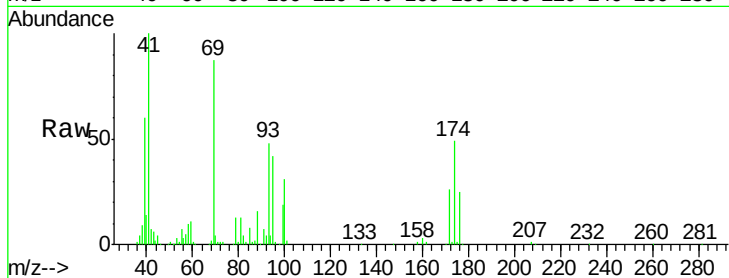
#49
1,4-Dioxane
Concen: 429.021 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.6	28.6	42.8
58	70.5	56.7	85.1

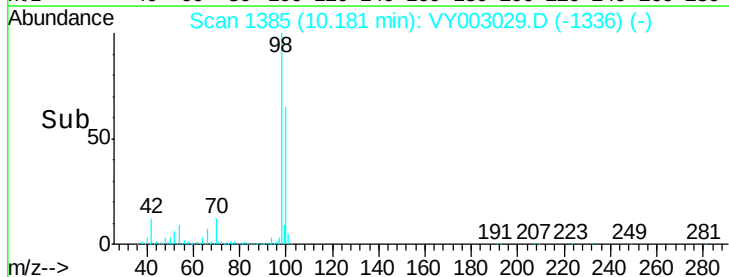
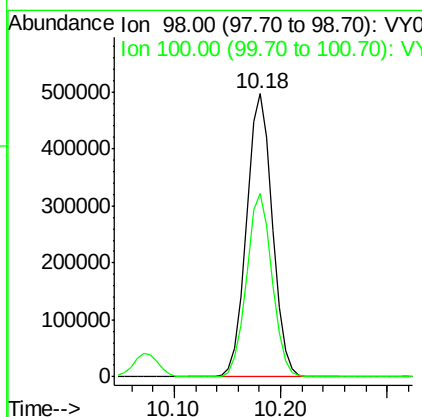
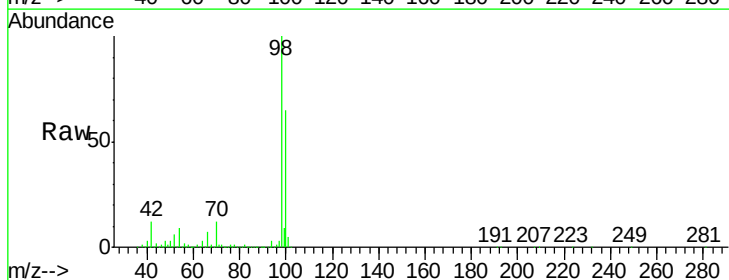
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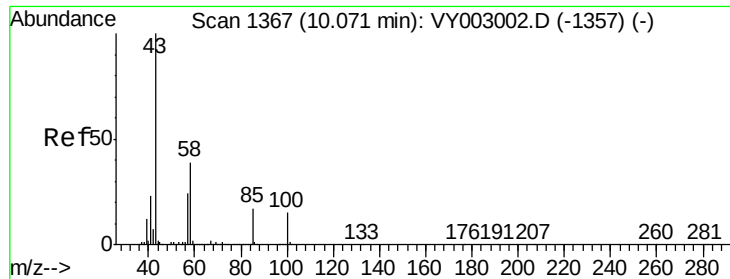
sam
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#50
Toluene-d8
Concen: 49.443 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.1	76.7





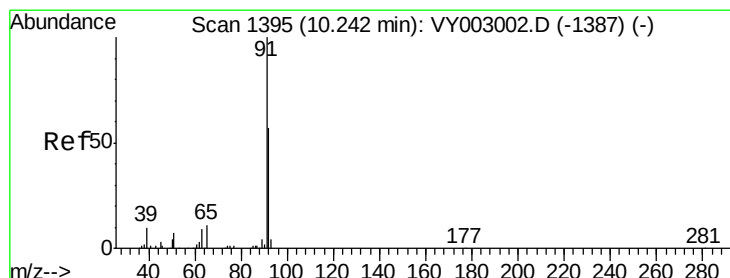
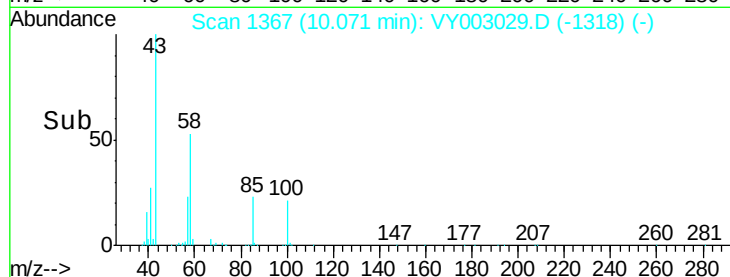
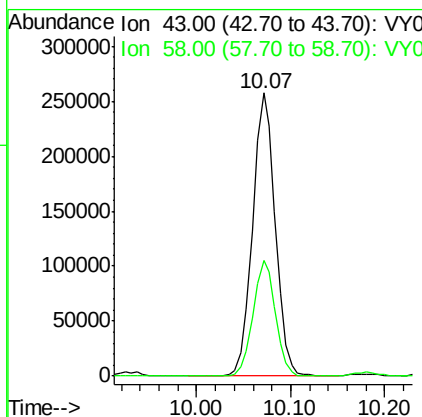
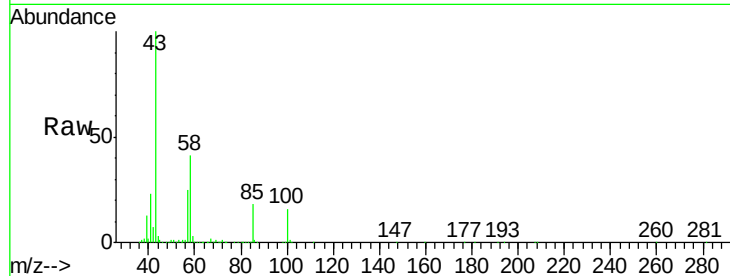
#51
4-Methyl-2-Pentanone
Concen: 103.970 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.4	31.1	46.7

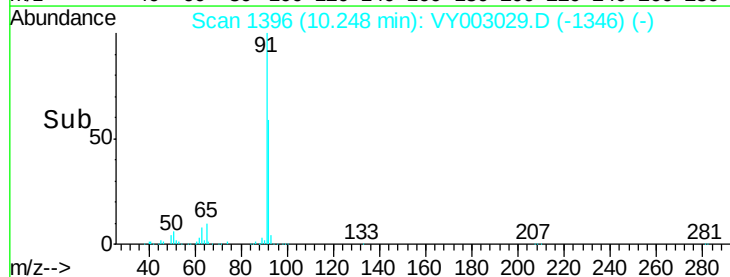
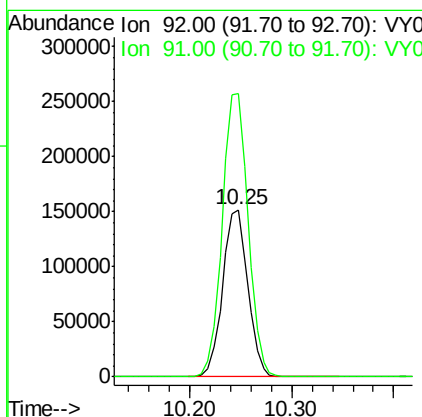
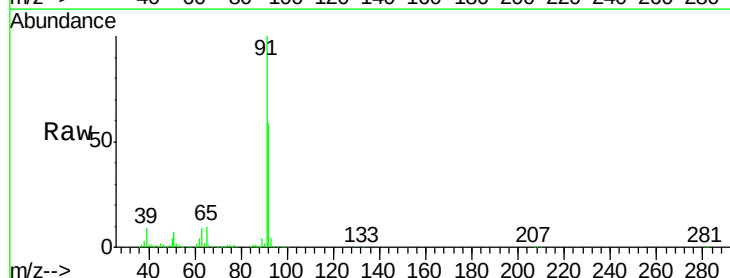
Manual Integrations
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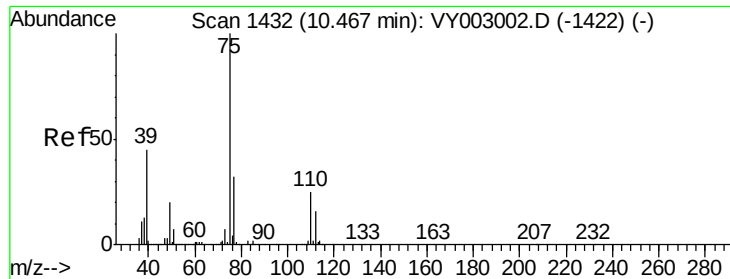
Sam
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#52
Toluene
Concen: 21.274 ug/l
RT: 10.25 min Scan# 1396
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	174.2	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 20.933 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

VY0630SBS01

Tot Ion: 75 Resp: 156755

Ion Ratio Lower Upper

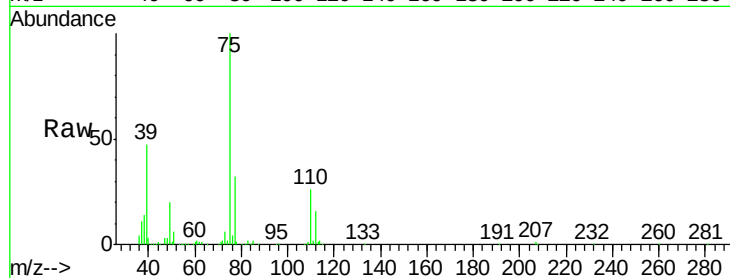
75 100

77 32.1 25.9 38.9

Manual Integrations
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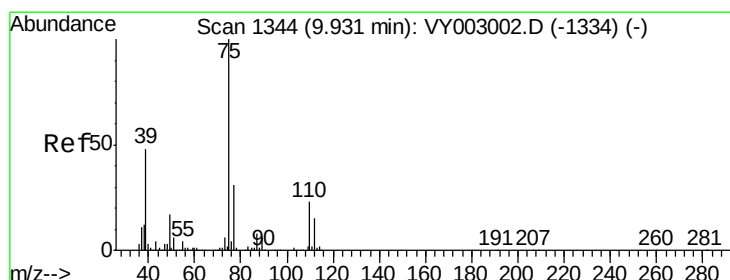
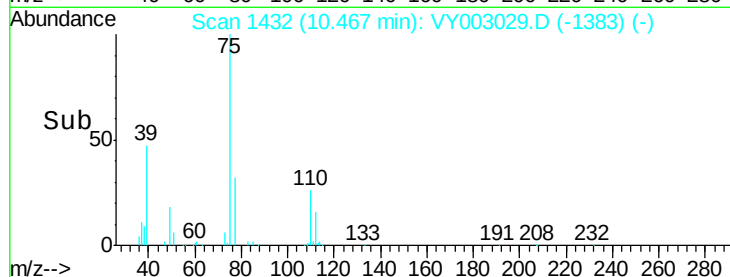
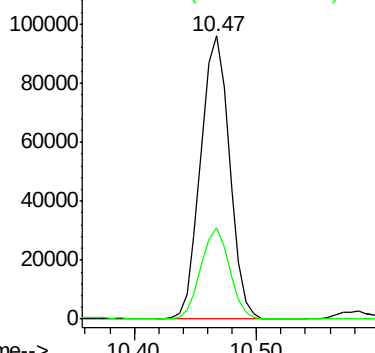
sam

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Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0



#54

cis-1,3-Dichloropropene

Concen: 21.108 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

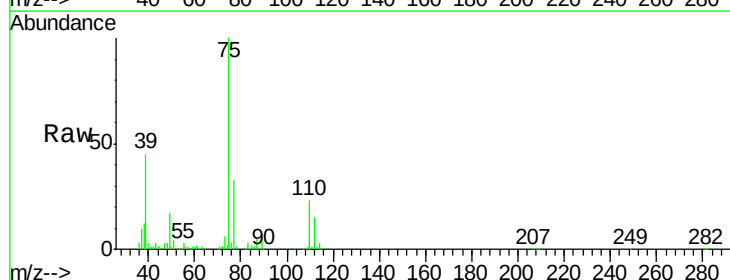
Tgt Ion: 75 Resp: 180773

Ion Ratio Lower Upper

75 100

77 33.0 24.6 37.0

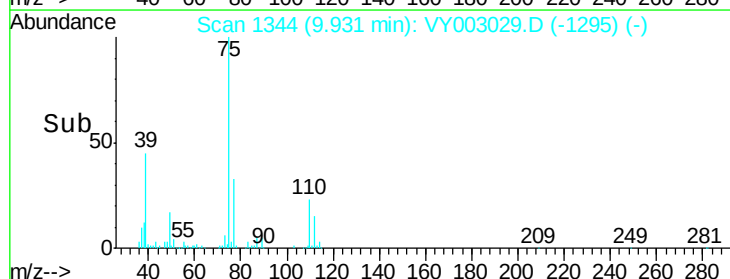
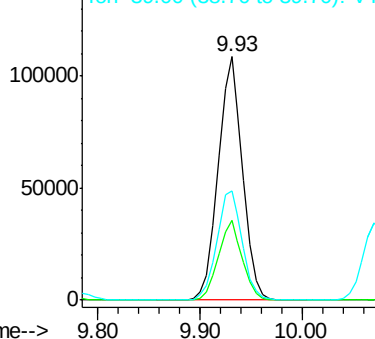
39 44.9 38.3 57.5

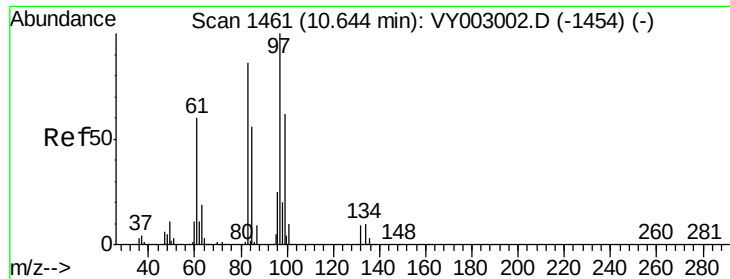


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0





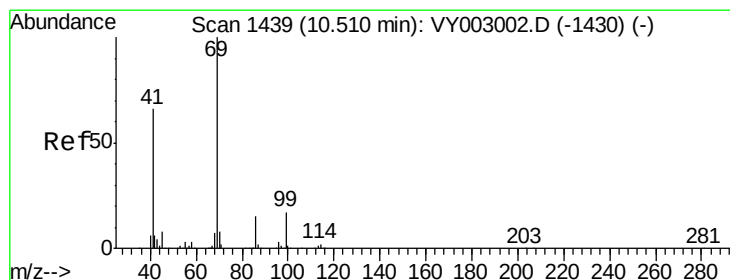
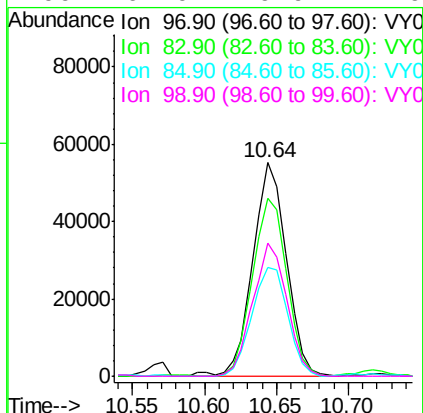
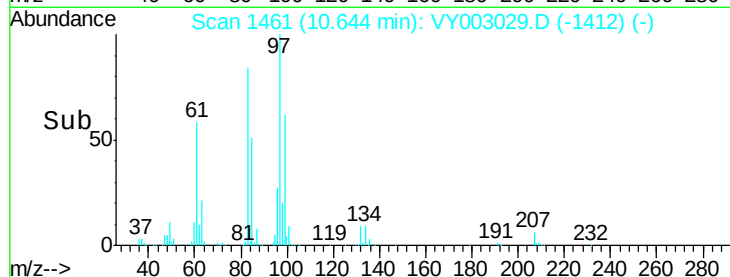
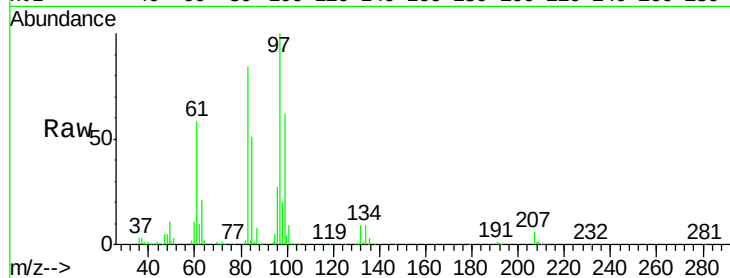
#55
 1,1,2-Trichloroethane
 Concen: 21.979 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		89088		
83	83.3	69.0	103.6		
85	50.4	44.8	67.2		
99	62.0	49.9	74.9		

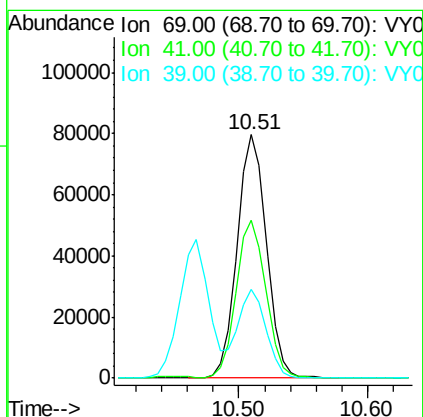
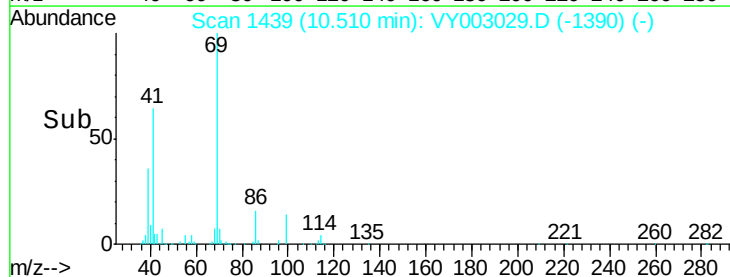
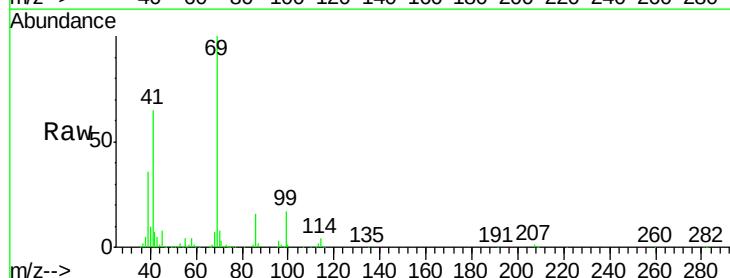
Manual Integrations
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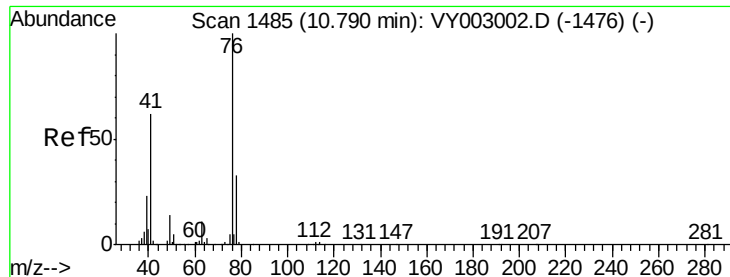
Sam
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#56
 Ethyl methacrylate
 Concen: 21.391 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		125510		
41	64.8	53.7	80.5		
39	36.6	28.3	42.5		





#57

1,3-Dichloropropane

Concen: 21.409 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 76 Resp: 152338

Ion Ratio Lower Upper

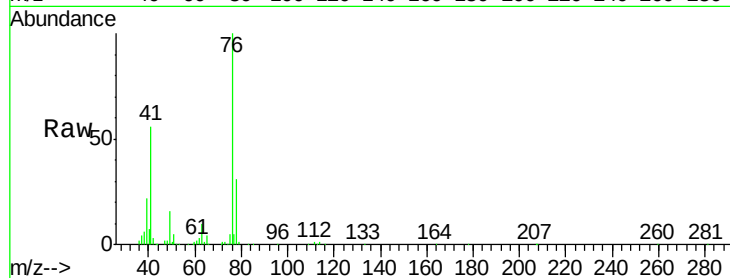
76 100

78 32.0 26.0 39.0

Manual Integrations
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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

10.79

80000

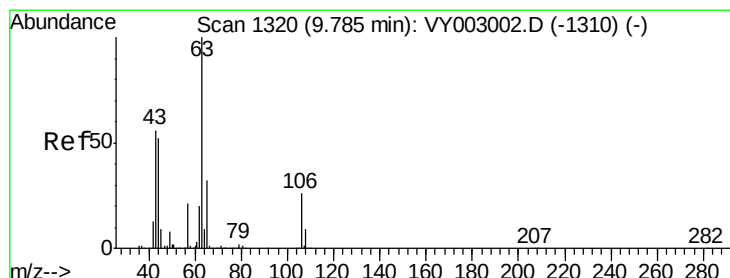
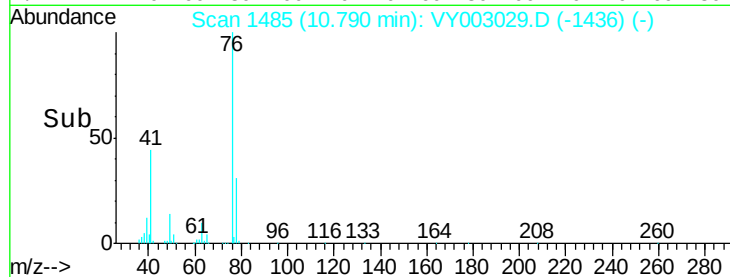
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 90.315 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. -0.00 min

Lab File: VY003029.D

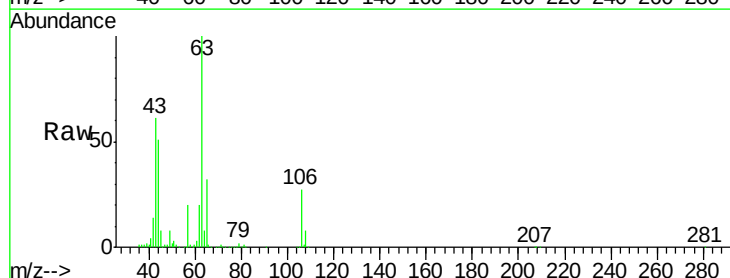
Acq: 30 Jun 2020 12:04

Tgt Ion: 63 Resp: 271777

Ion Ratio Lower Upper

63 100

106 27.2 21.5 32.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

9.78

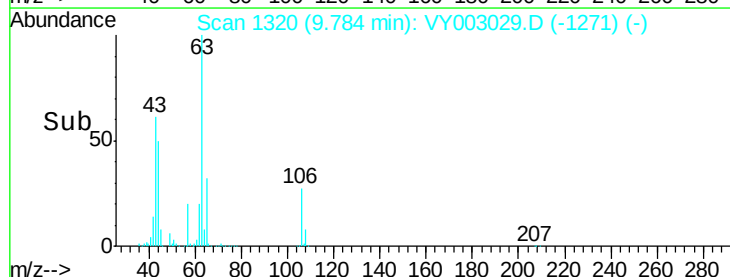
150000

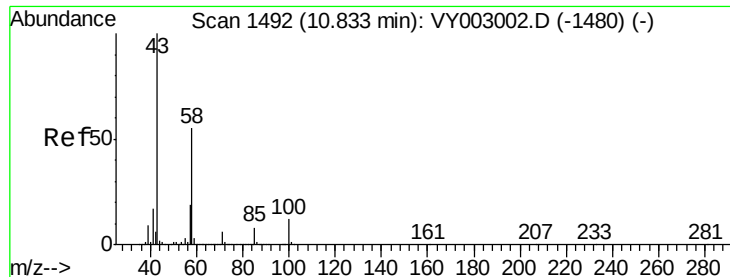
100000

50000

0

Time-->





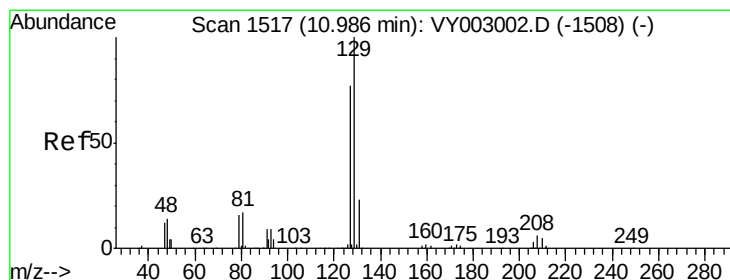
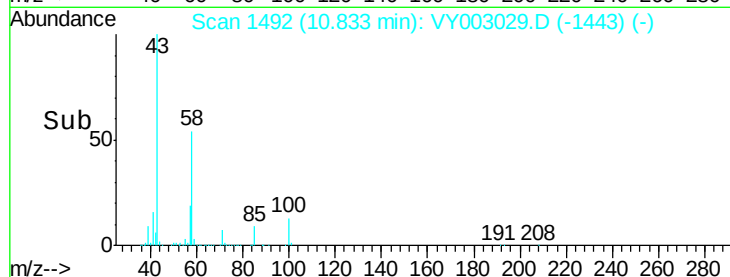
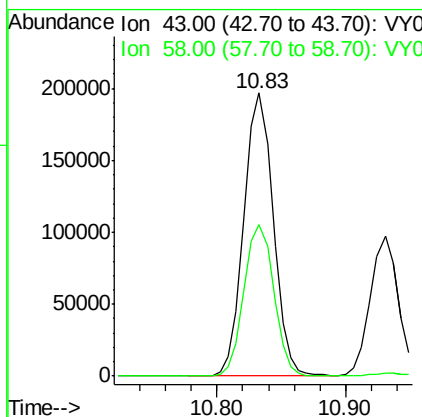
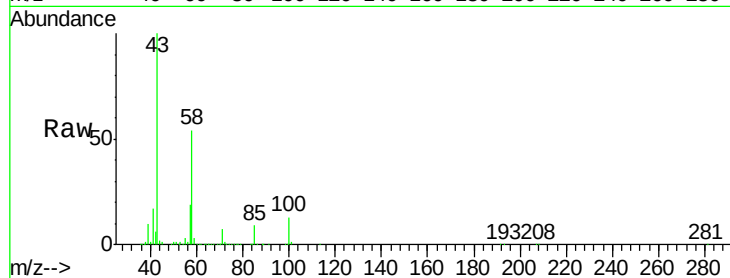
#59
2-Hexanone
Concen: 106.300 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.4	27.5	82.4

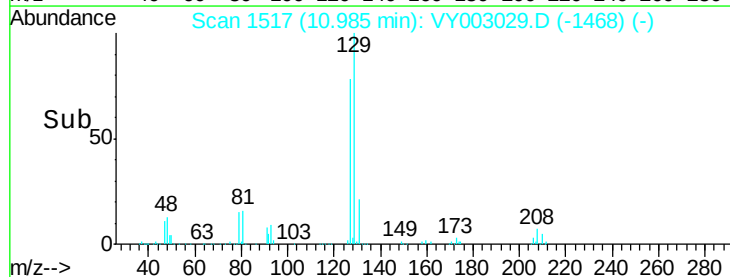
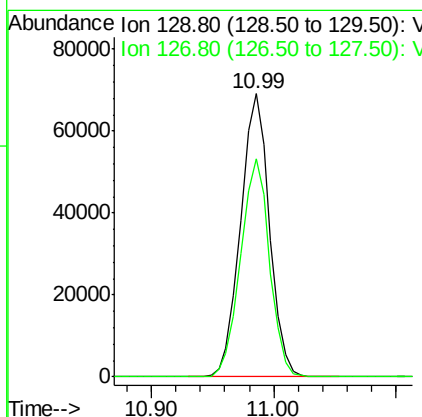
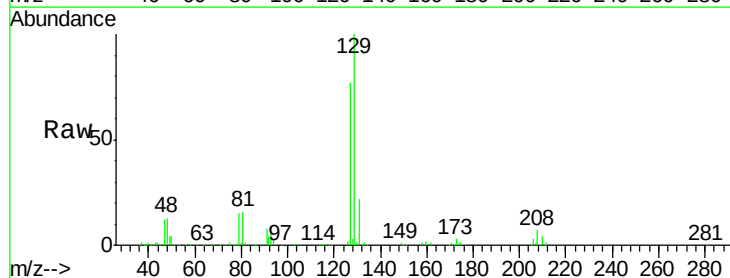
Manual Integrations
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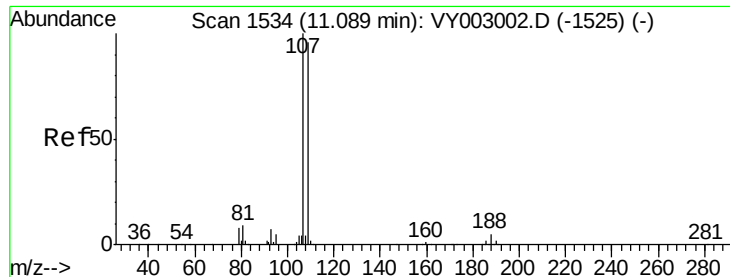
sam
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#60
Dibromochloromethane
Concen: 21.784 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.2	39.1	117.3





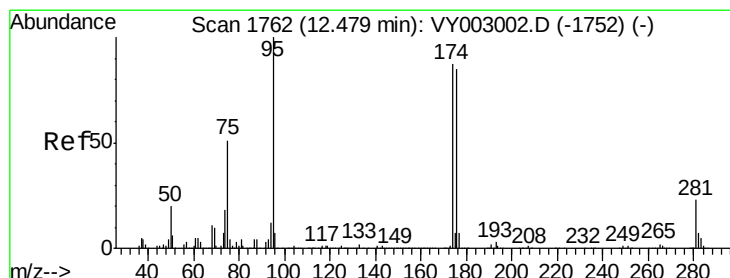
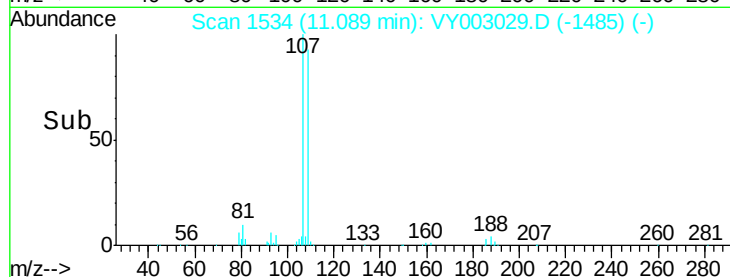
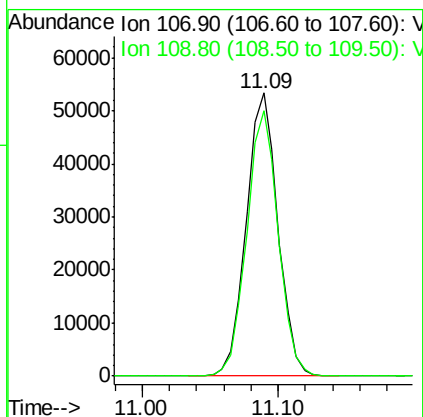
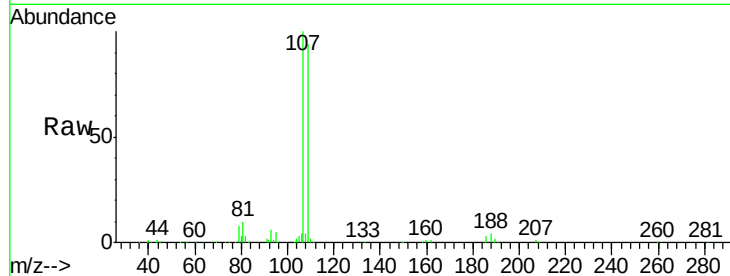
#61
 1,2-Dibromoethane
 Concen: 21.752 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.3	75.8	113.8

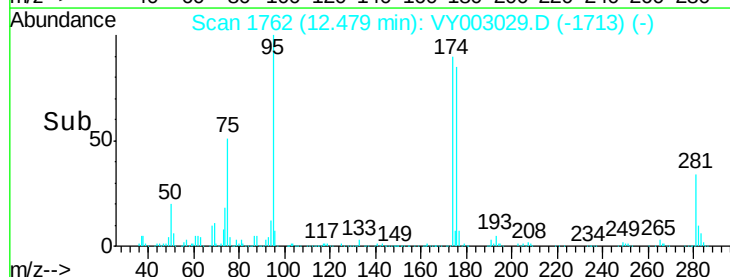
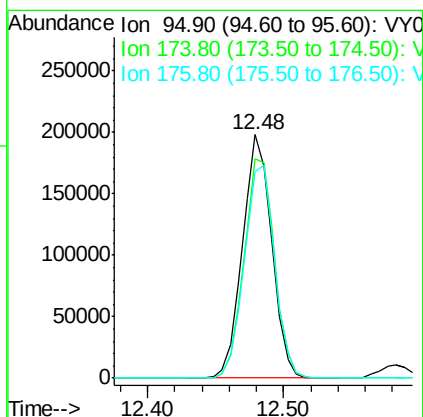
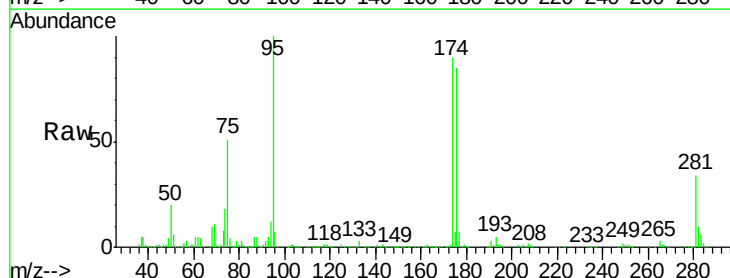
Manual Integrations
 APPROVED

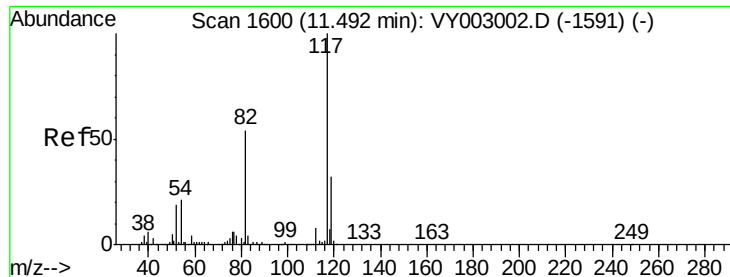
sam
 7/1/2020 10:11:21 PM



#62
 4-Bromofluorobenzene
 Concen: 49.338 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	184.8
176	91.0	0.0	183.0





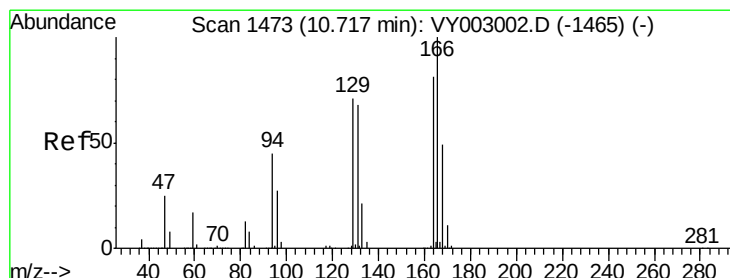
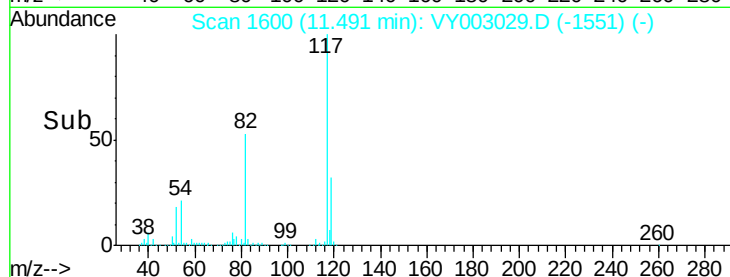
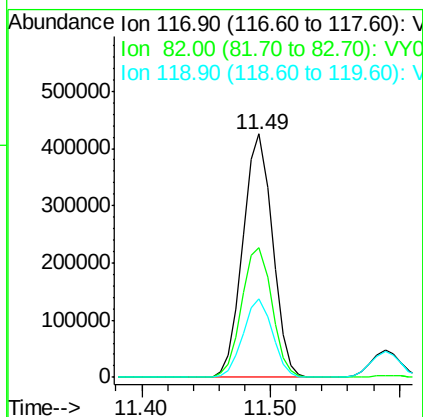
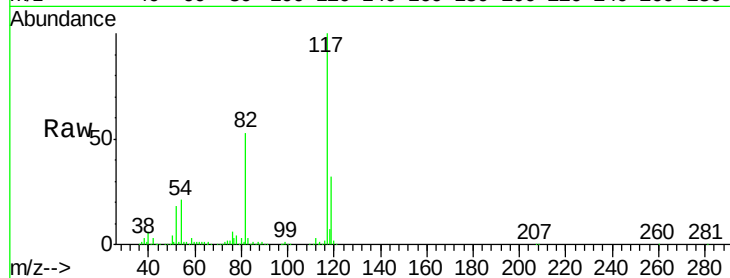
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	675469		
82	53.2		43.0	64.6
119	32.2		25.8	38.8

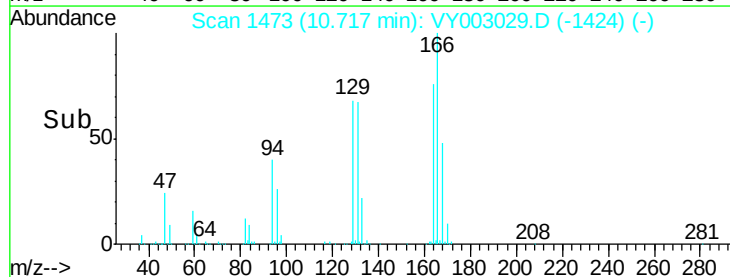
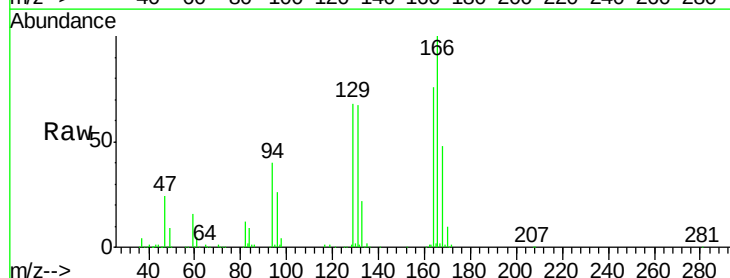
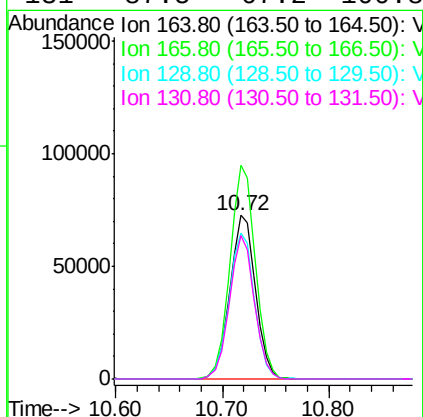
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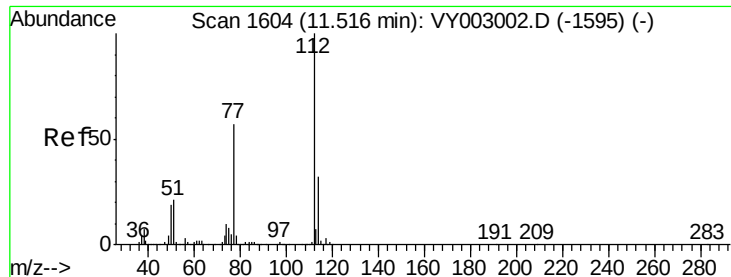
sam
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#64
Tetrachloroethene
Concen: 21.453 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	122643		
166	130.8		98.5	147.7
129	89.1		69.7	104.5
131	87.5		67.2	100.8





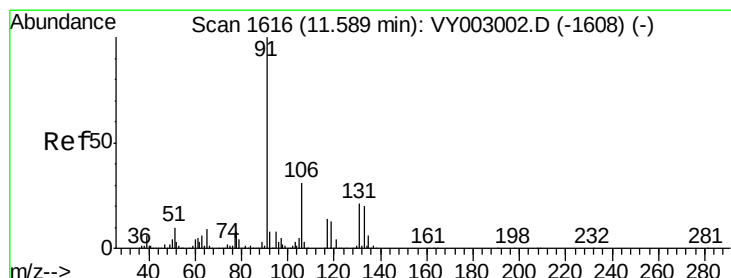
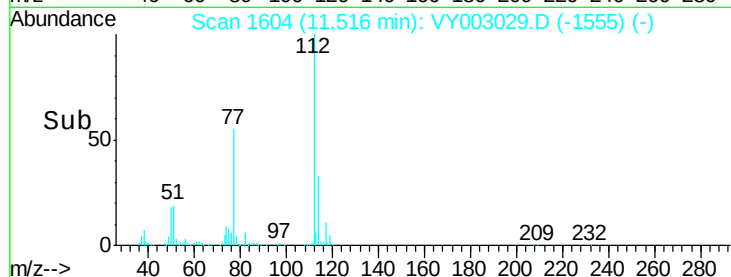
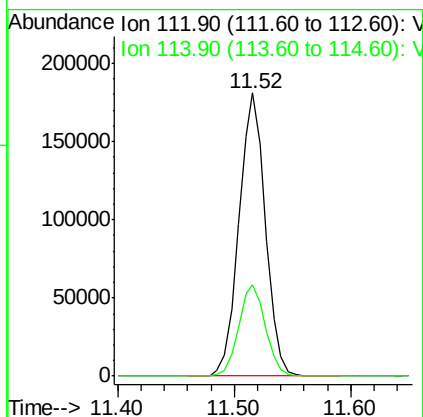
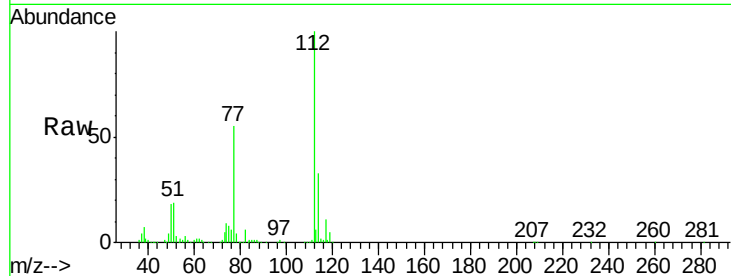
#65
Chlorobenzene
Concen: 21.450 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.7	38.5

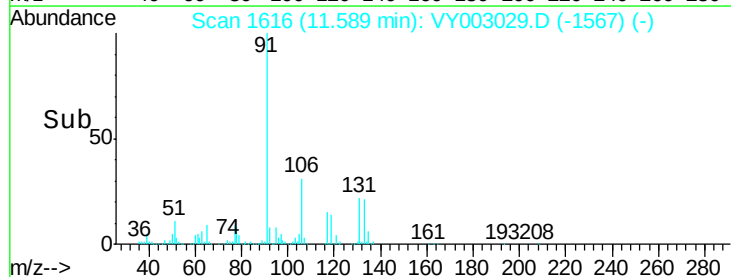
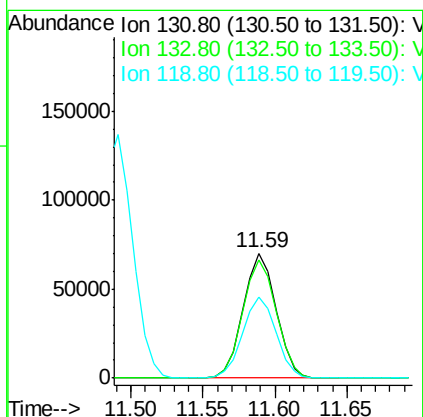
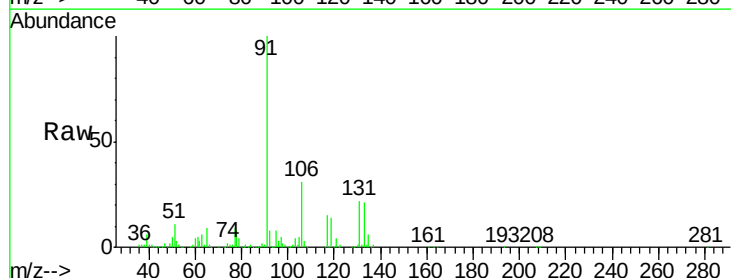
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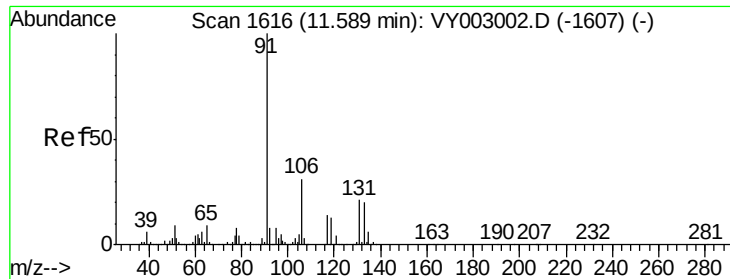
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.244 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.1	47.9	143.8
119	66.0	31.8	95.3





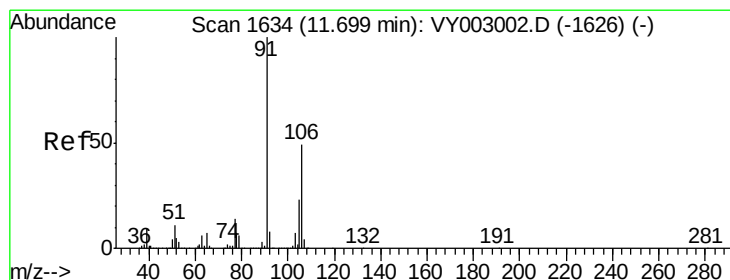
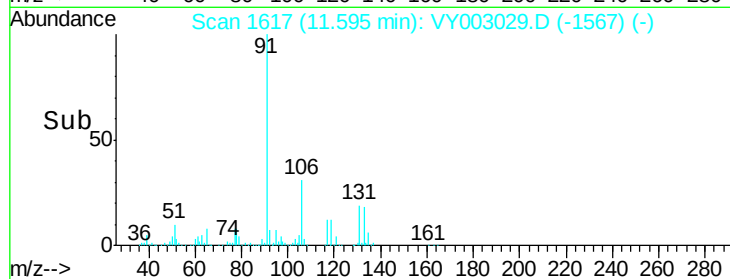
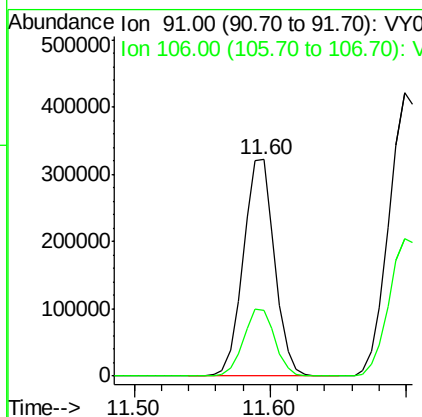
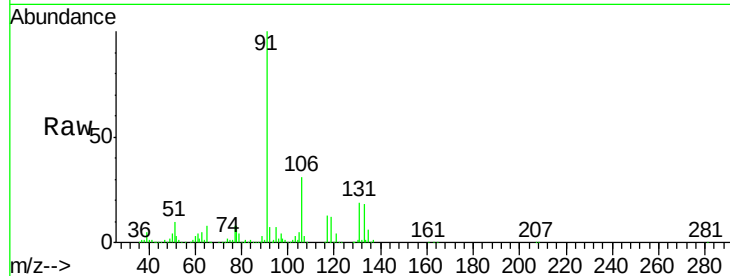
#67
Ethyl Benzene
Concen: 21.252 ug/l
RT: 11.60 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 91 Resp: 517839
Ion Ratio Lower Upper
91 100
106 30.5 25.0 37.4

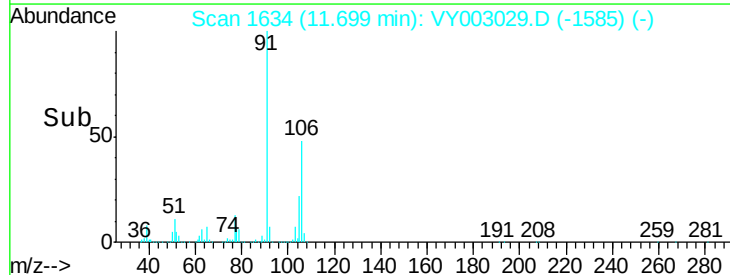
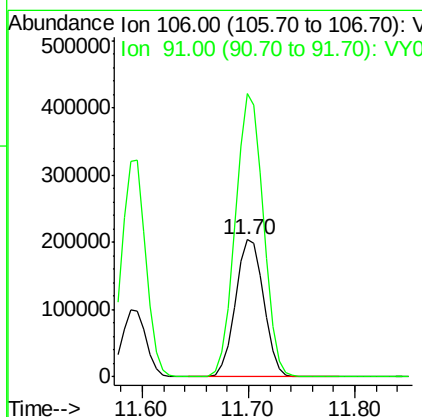
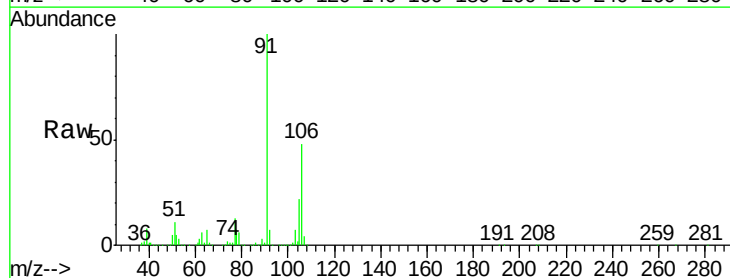
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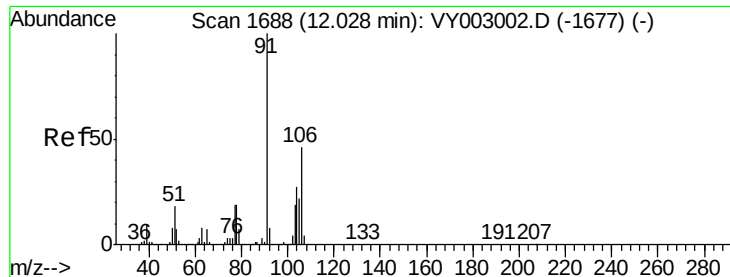
sam
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#68
m/p-Xylenes
Concen: 42.226 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion: 106 Resp: 382928
Ion Ratio Lower Upper
106 100
91 203.0 161.9 242.9





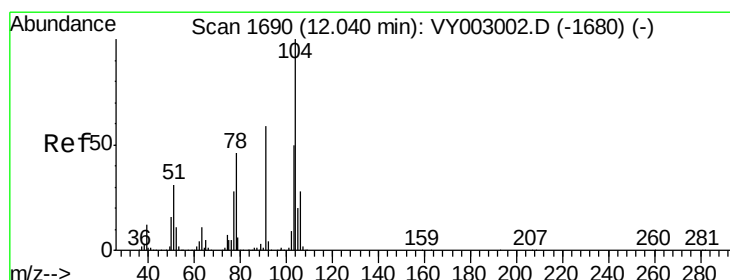
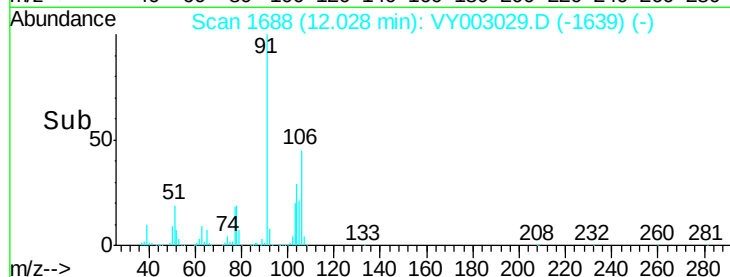
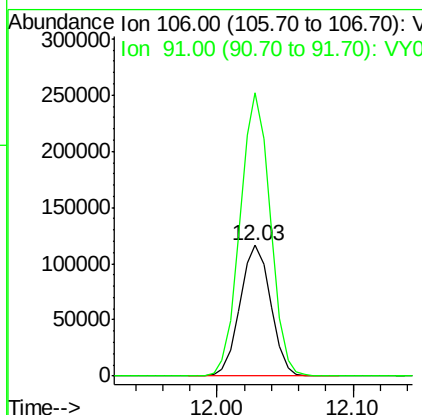
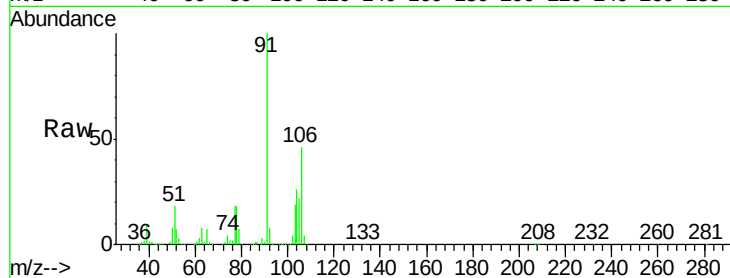
#69
o-Xylene
Concen: 21.557 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.0	107.9	323.8	

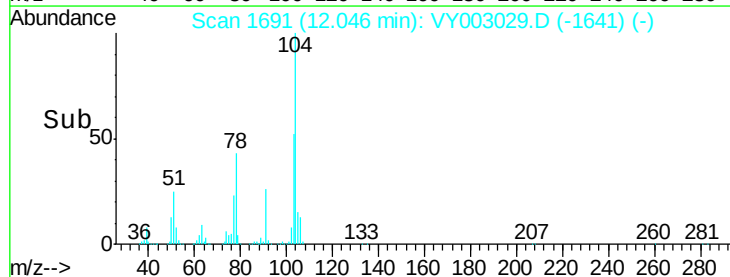
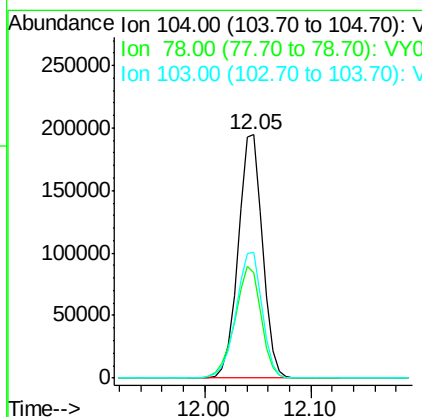
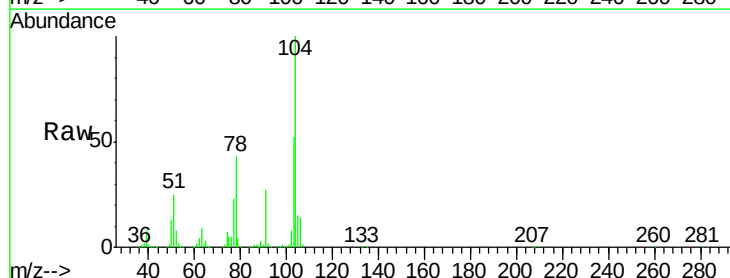
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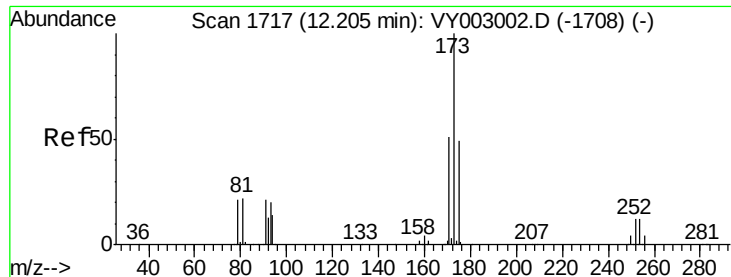
sam
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#70
Styrene
Concen: 21.372 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.4	40.4	60.6	
103	55.5	44.1	66.1	





#71

Bromoform

Concen: 22.058 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:173 Resp: 76483

Ion Ratio Lower Upper

173 100

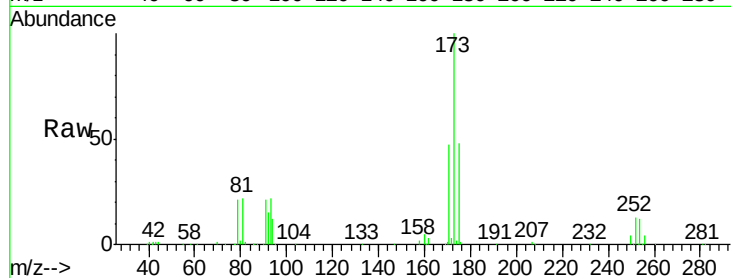
175 48.2 24.6 73.6

254 0.1 0.2 0.2#

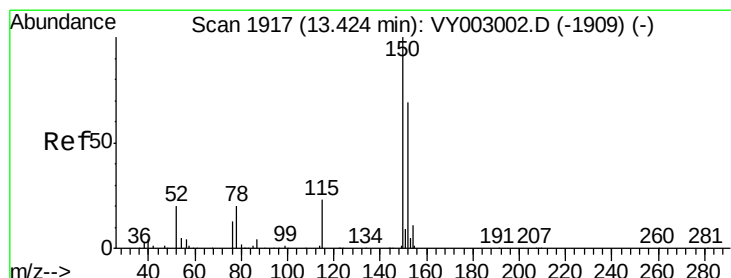
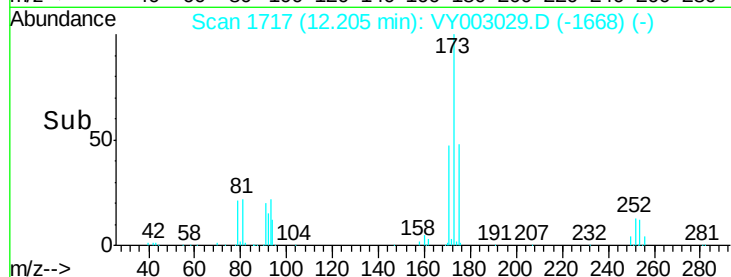
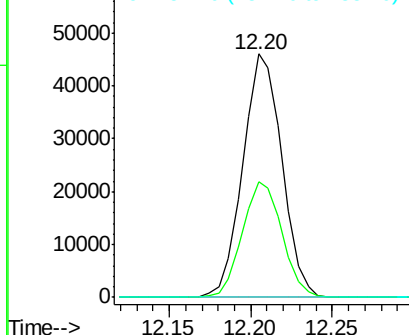
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

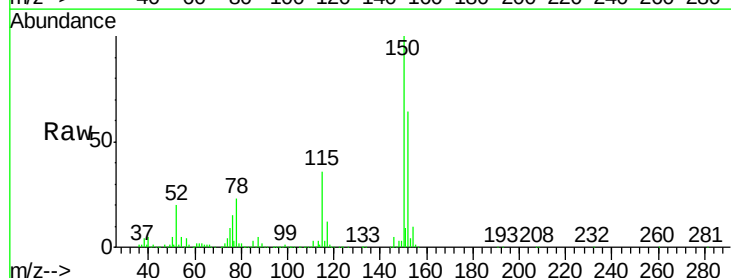
Tgt Ion:152 Resp: 364699

Ion Ratio Lower Upper

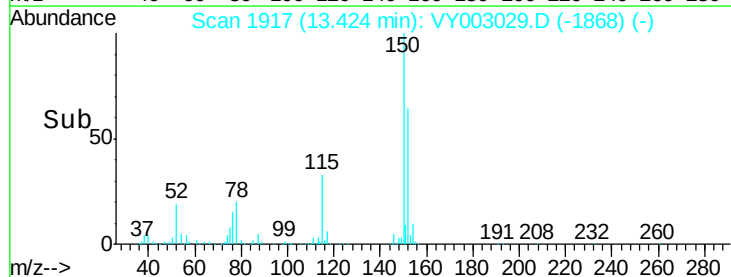
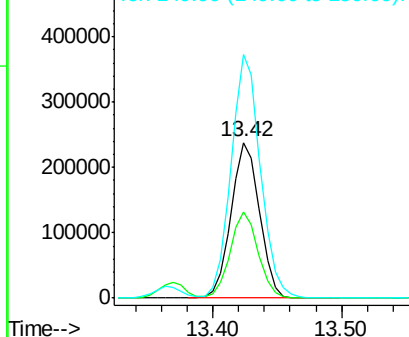
152 100

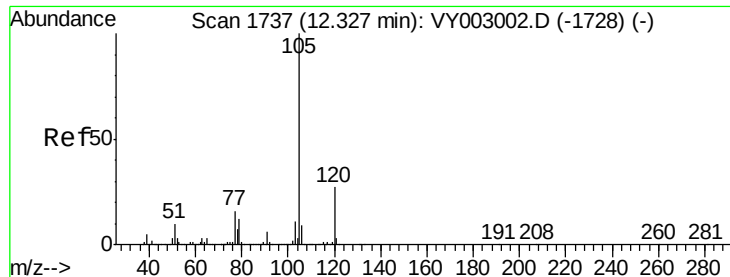
115 54.5 27.3 81.9

150 161.6 0.0 343.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.105 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

VY0630SBS01

Tot Ion: 105 Resp: 503731

Ion Ratio Lower Upper

105 100

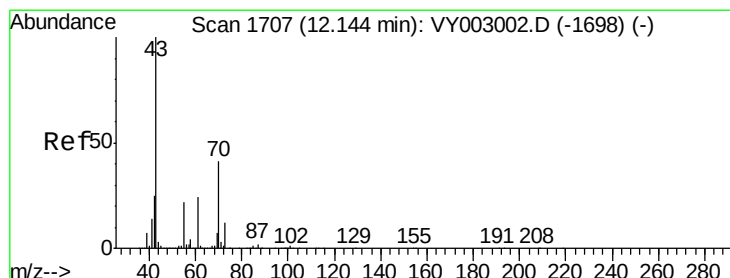
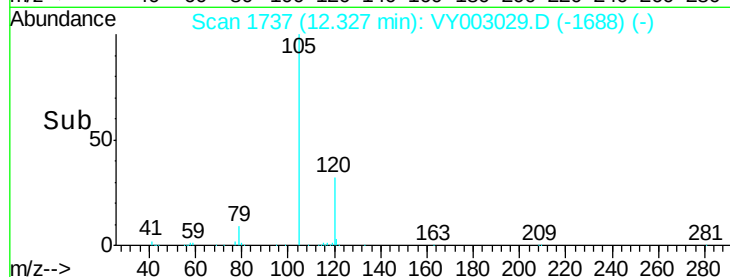
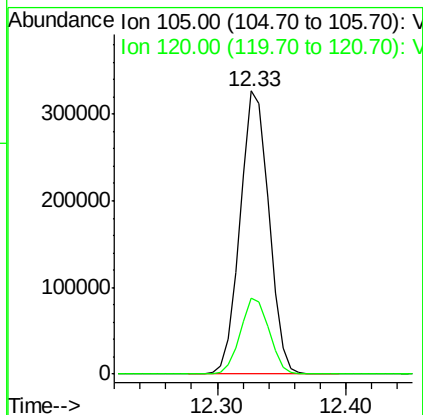
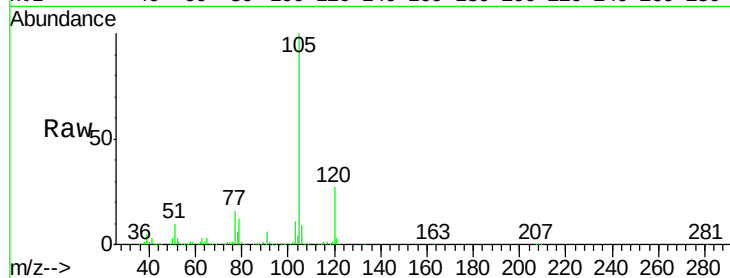
120 26.7 13.4 40.1

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#74

N-ethyl acetate

Concen: 20.614 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion: 43 Resp: 160176

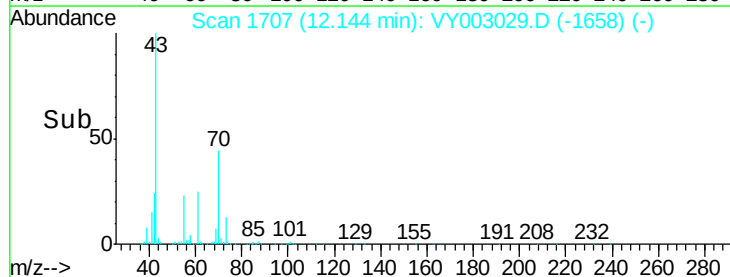
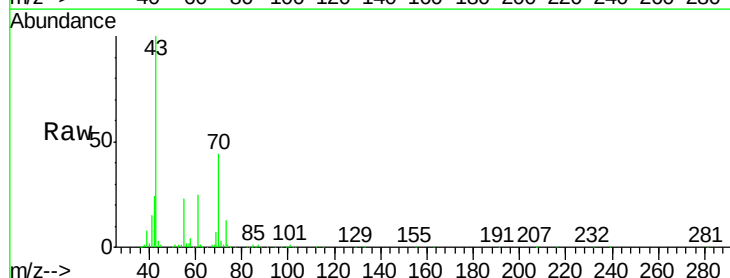
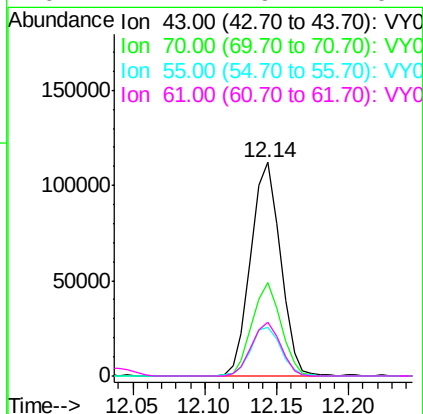
Ion Ratio Lower Upper

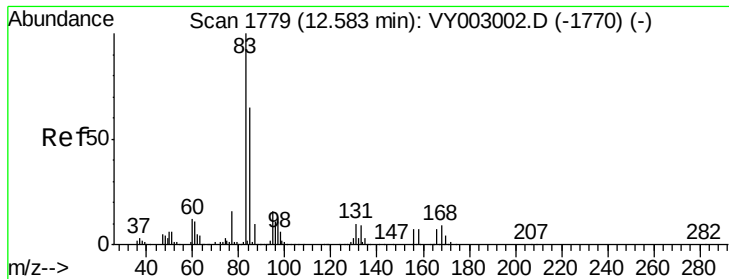
43 100

70 42.7 33.0 49.4

55 23.4 18.2 27.2

61 24.4 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 21.340 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

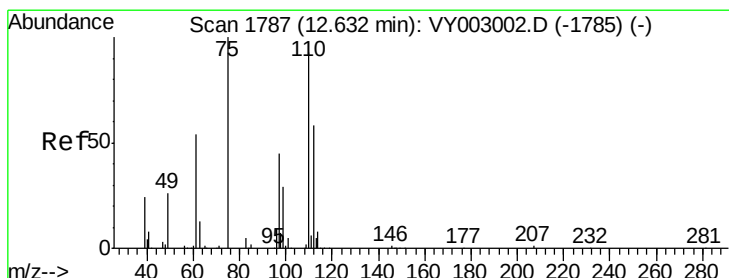
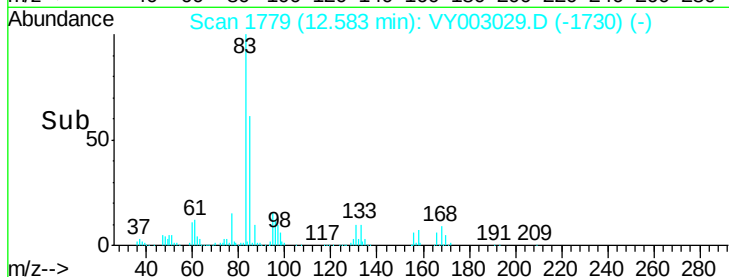
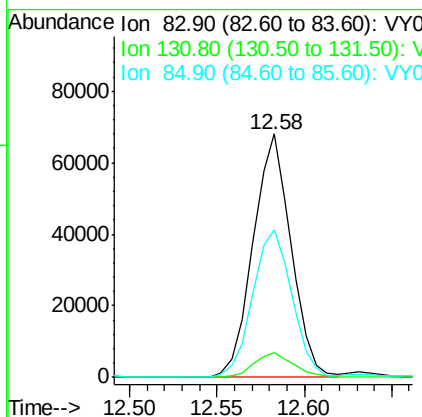
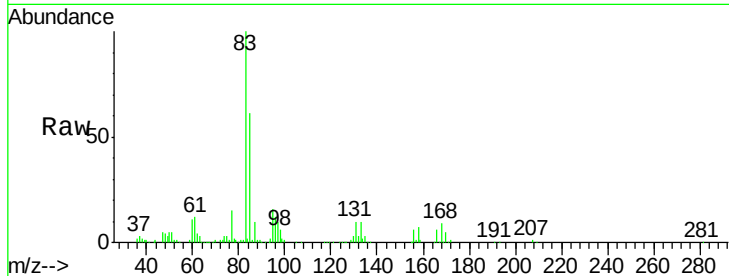
ClientSampleId :

VY0630SBS01

Tot Ion:	83	Resp:	102789
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.3	16.1
85	62.5	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 21.050 ug/l m

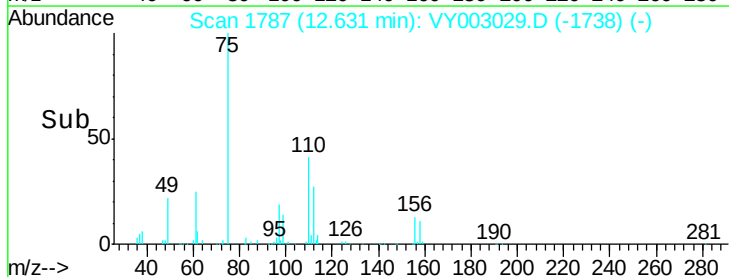
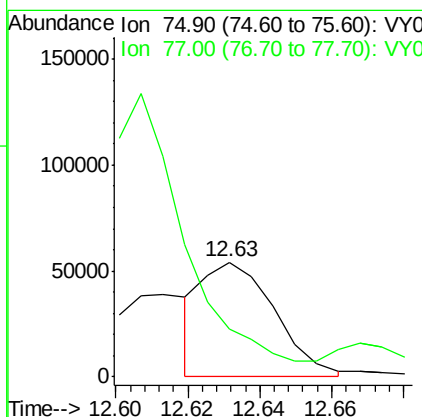
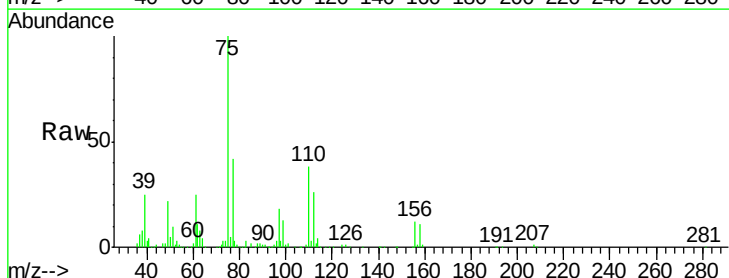
RT: 12.63 min Scan# 1787

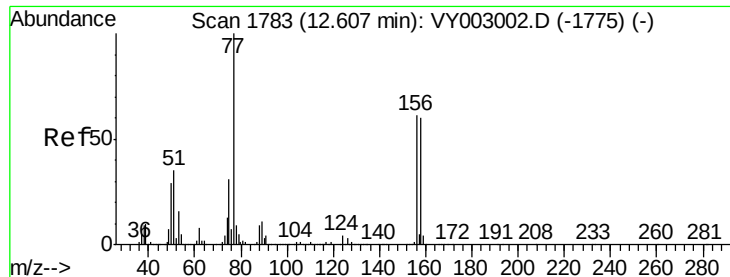
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	75	Resp:	75979
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.276 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampleId :

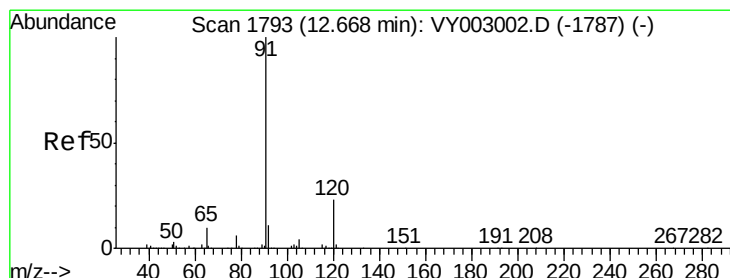
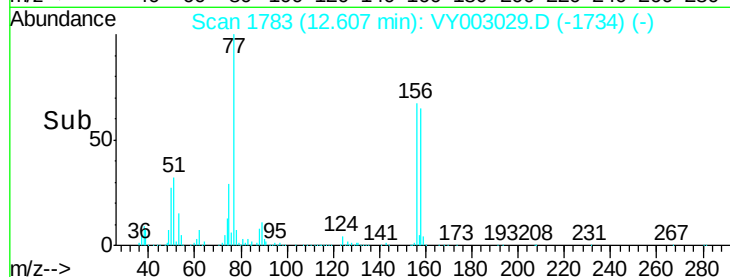
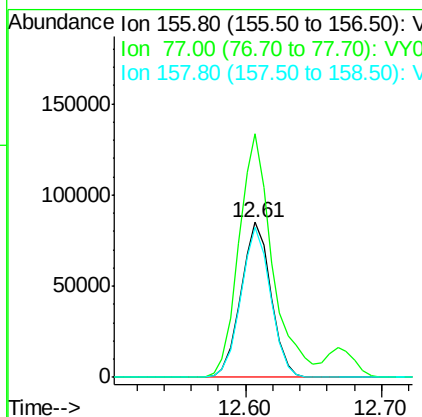
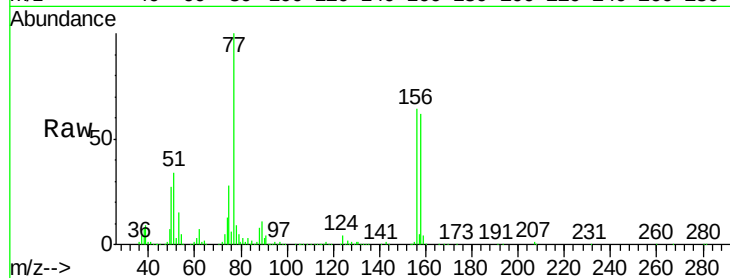
VY0630SBS01

Tot Ion:	156	Resp:	130205
Ion Ratio	Lower	Upper	
156	100		
77	175.7	90.0	270.0
158	96.2	48.5	145.5

Manual Integrations
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#78

n-propylbenzene

Concen: 21.101 ug/l

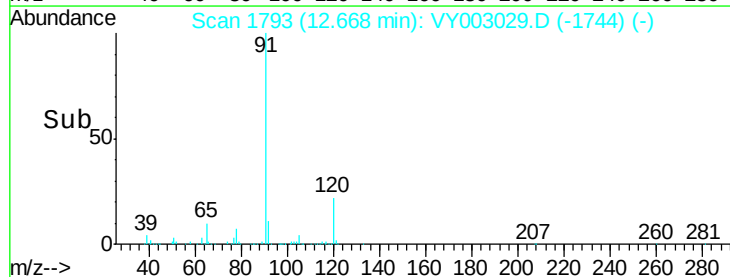
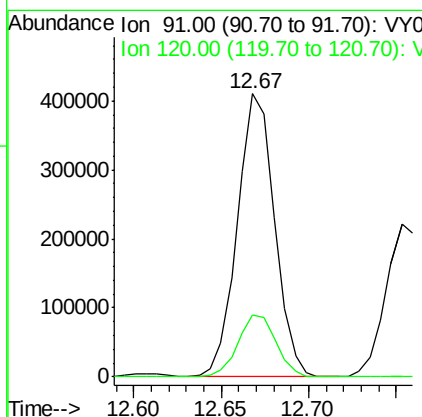
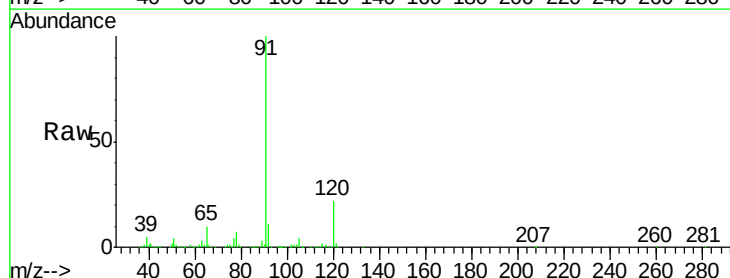
RT: 12.67 min Scan# 1793

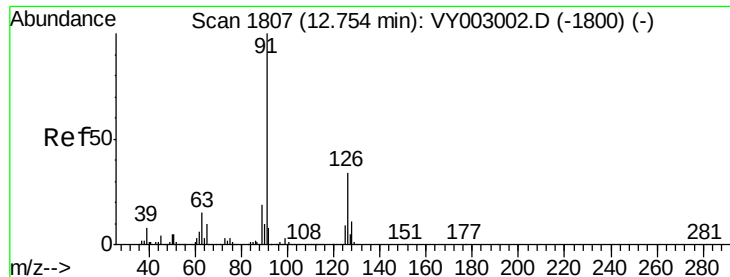
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	91	Resp:	605706
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.5	34.5





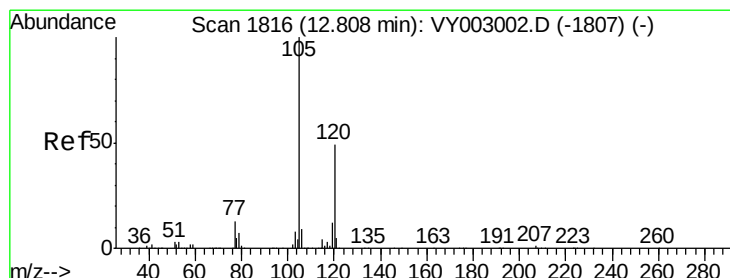
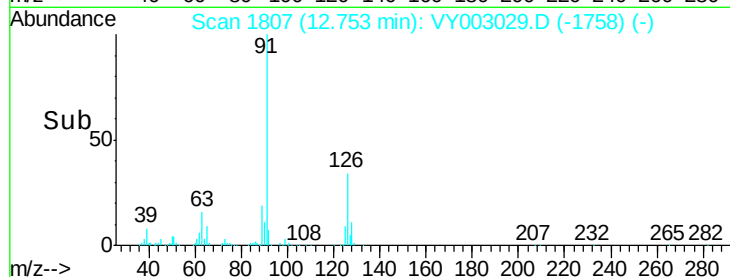
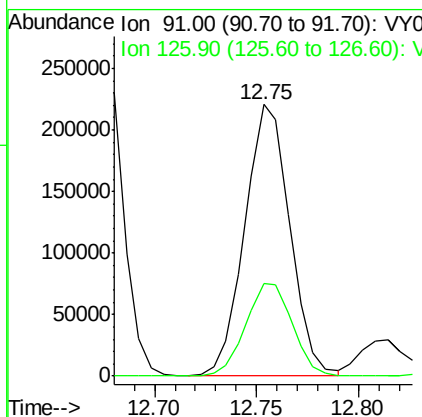
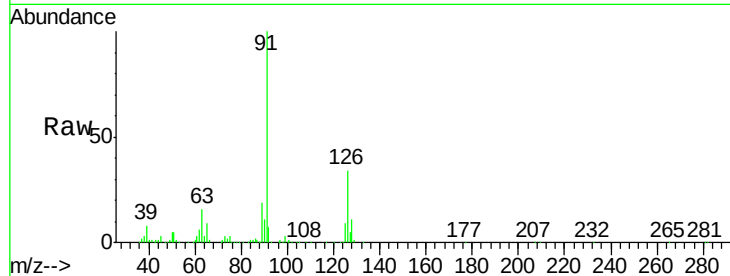
#79
 2-Chlorotoluene
 Concen: 21.211 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 91 Resp: 339847
 Ion Ratio Lower Upper
 91 100
 126 35.2 17.1 51.3

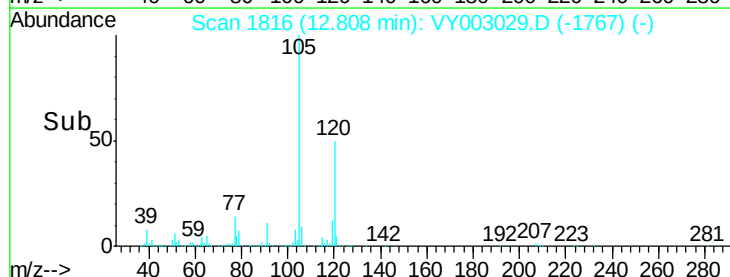
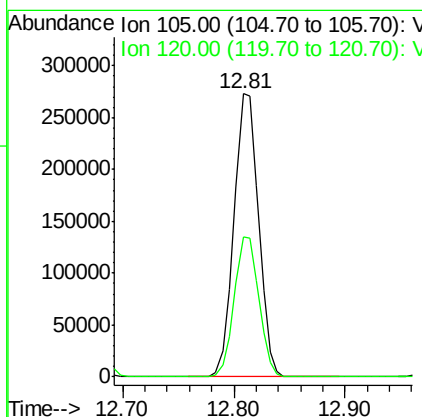
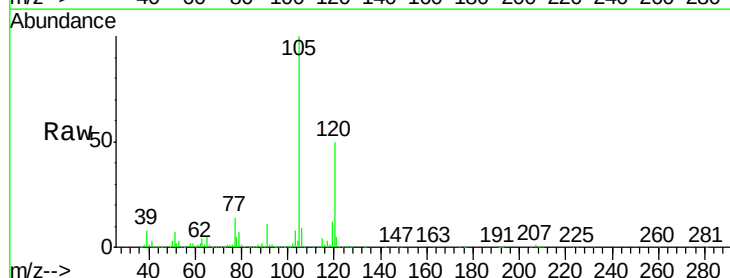
Manual Integrations
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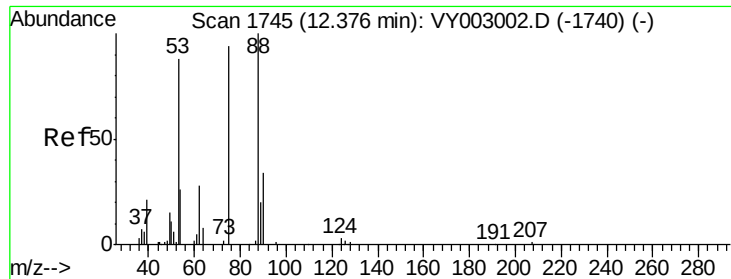
sam
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.883 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion: 105 Resp: 418255
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.6 73.6





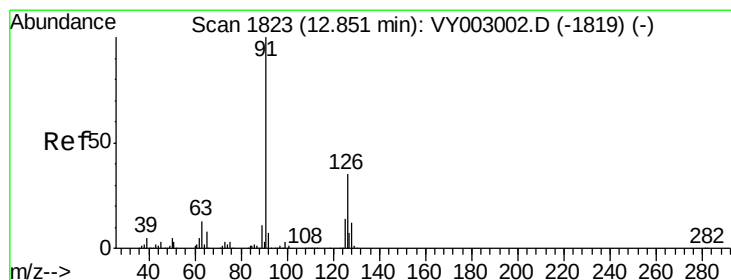
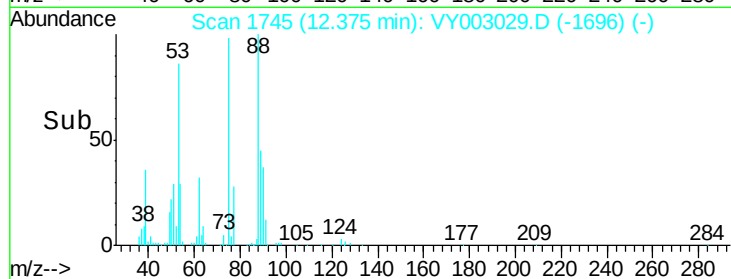
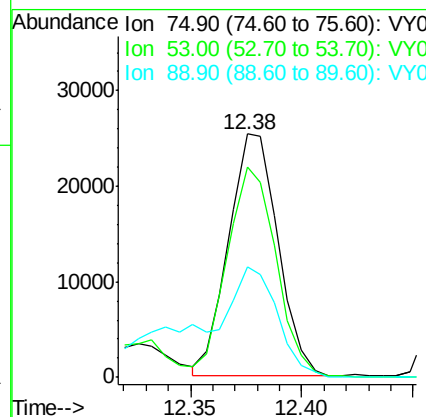
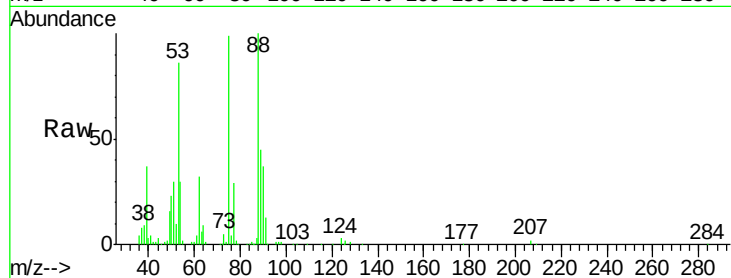
#81
trans-1,4-Dichloro-2-butene
Concen: 21.132 ug/l
RT: 12.38 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.5	73.9	110.9
89	45.4	37.5	56.3

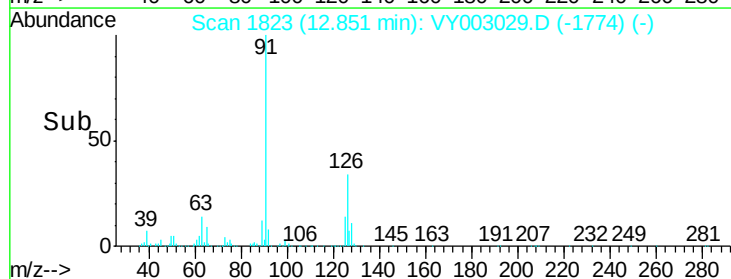
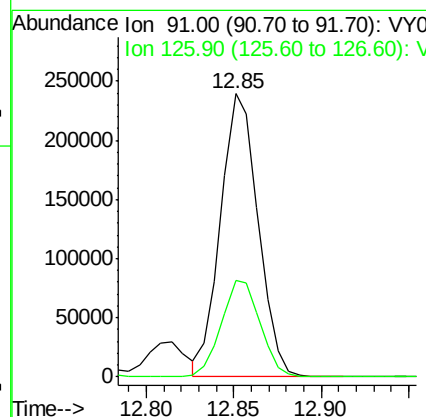
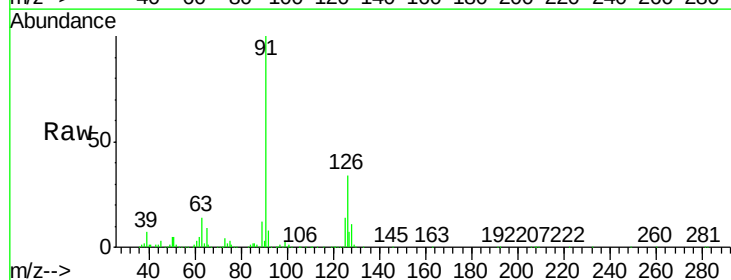
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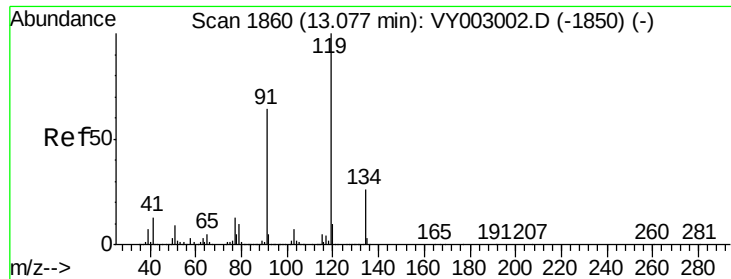
sam
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#82
4-Chlorotoluene
Concen: 21.455 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.1	17.4	52.3





#83

tert-Butylbenzene

Concen: 21.238 ug/l

RT: 13.07 min Scan# 1859

Delta R.T. -0.01 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

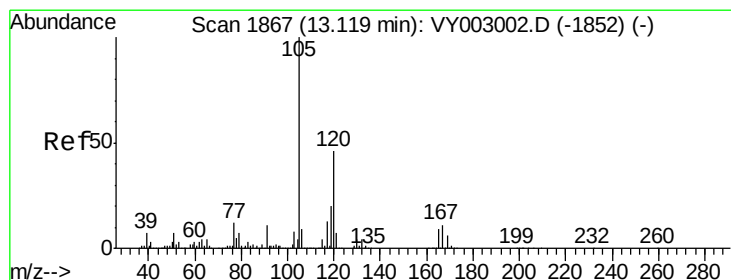
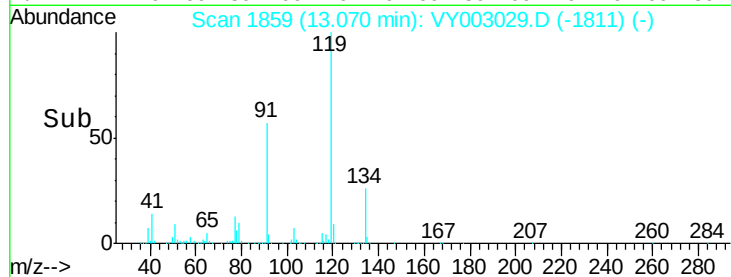
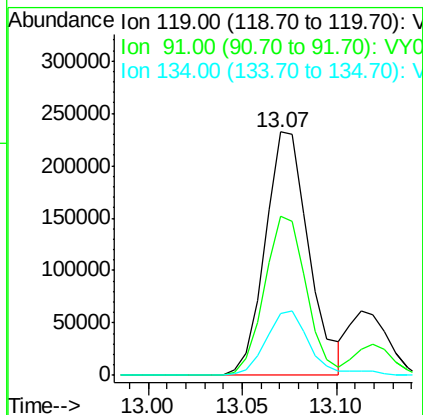
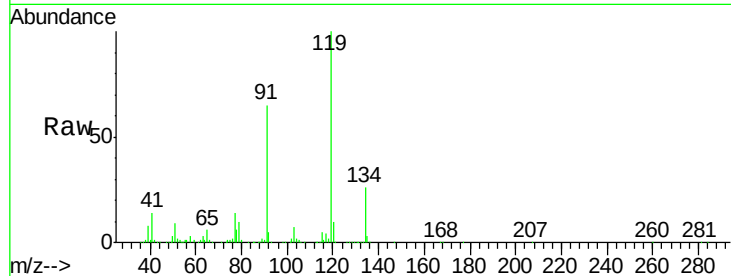
ClientSampleId :

VY0630SBS01

Tot Ion:	119	Resp:	373510
Ion Ratio	Lower	Upper	
119	100		
91	62.7	31.6	95.0
134	27.0	13.2	39.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 21.051 ug/l

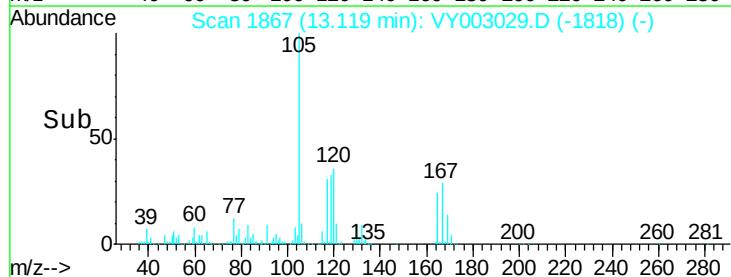
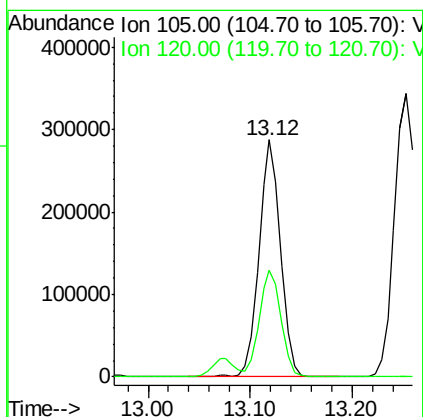
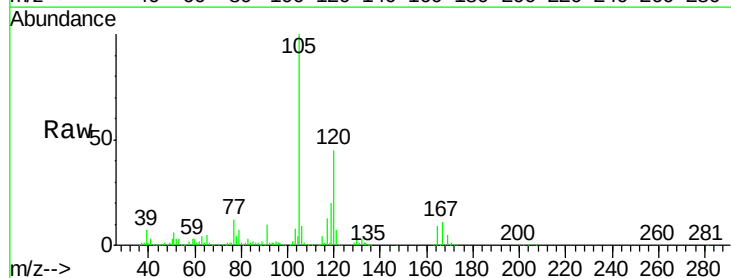
RT: 13.12 min Scan# 1867

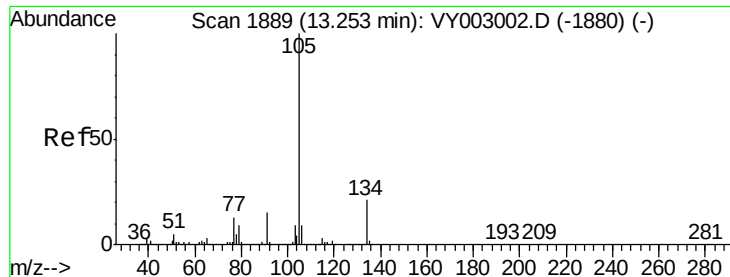
Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Tgt Ion:	105	Resp:	424847
Ion Ratio	Lower	Upper	
105	100		
120	45.2	22.6	67.8





#85

sec-Butylbenzene

Concen: 21.166 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

Instrument :

MSVOA_Y

ClientSampled :

VY0630SBS01

Tot Ion:105 Resp: 513072

Ion Ratio Lower Upper

105 100

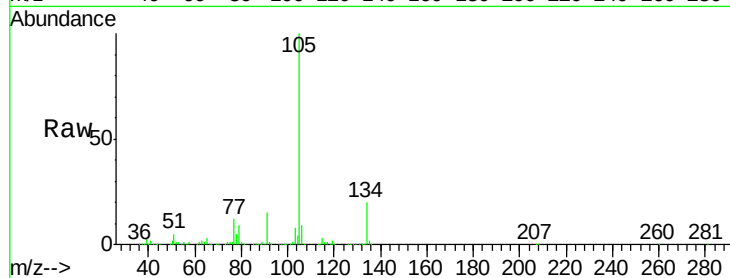
134 20.4 10.4 31.2

Manual Integrations

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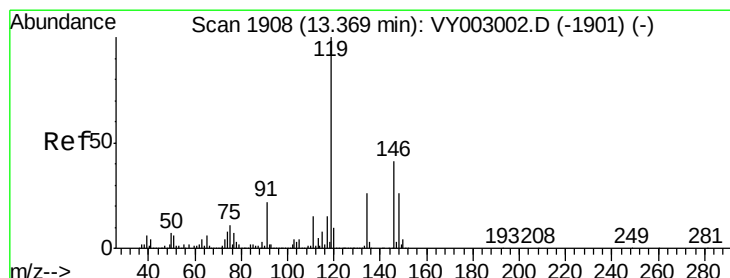
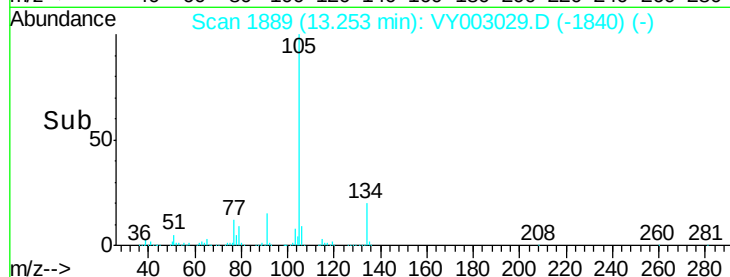
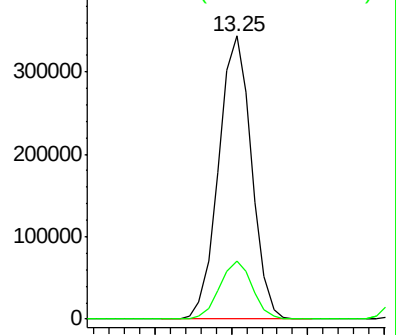
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.119 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003029.D

Acq: 30 Jun 2020 12:04

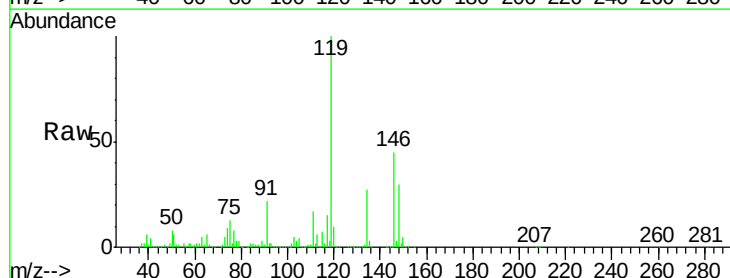
Tgt Ion:119 Resp: 474370

Ion Ratio Lower Upper

119 100

134 26.6 13.5 40.4

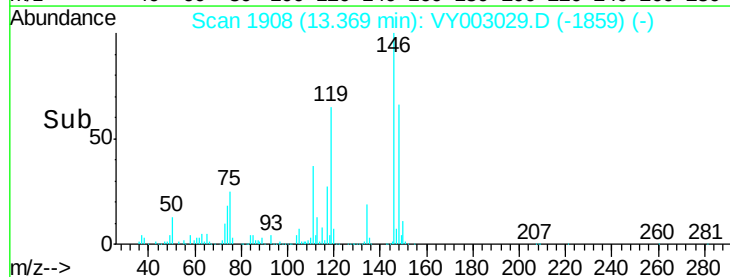
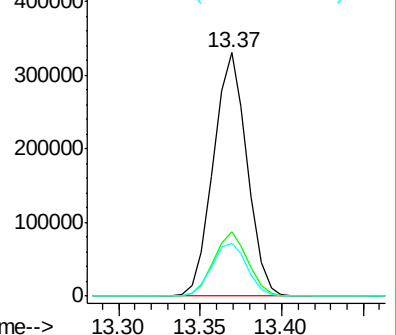
91 22.9 11.5 34.5

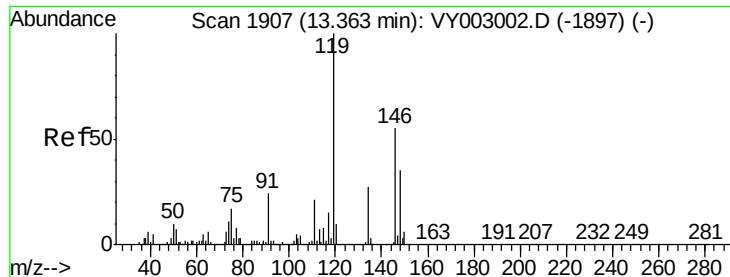


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





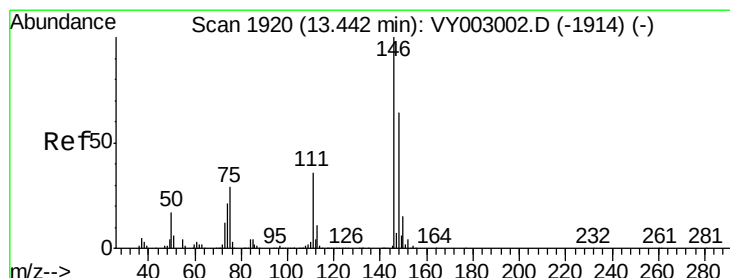
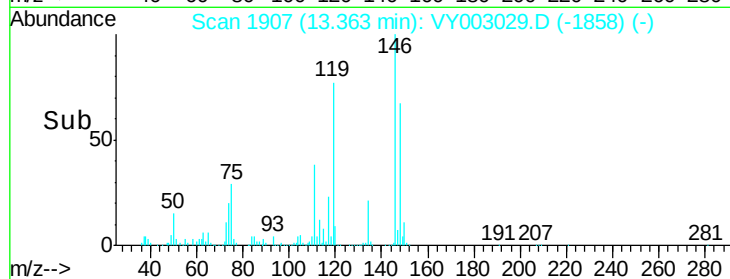
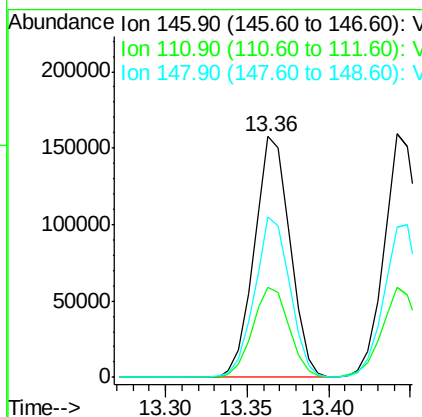
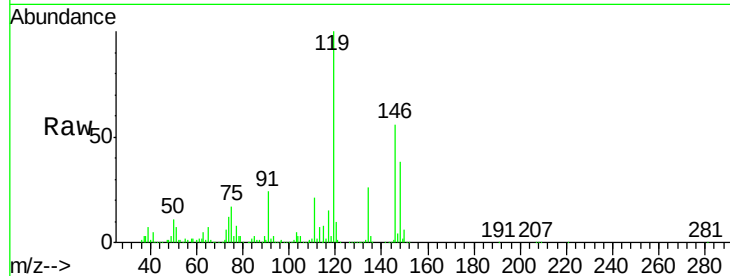
#87
 1,3-Dichlorobenzene
 Concen: 20.943 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.8	56.3
148	65.9	31.8	95.3

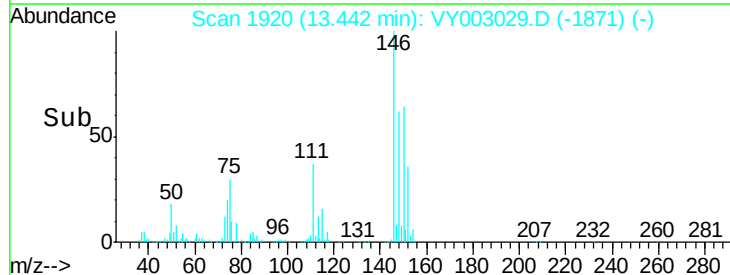
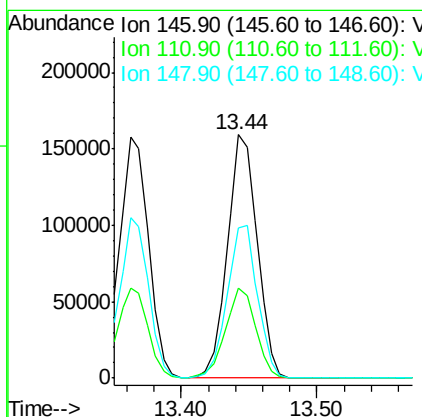
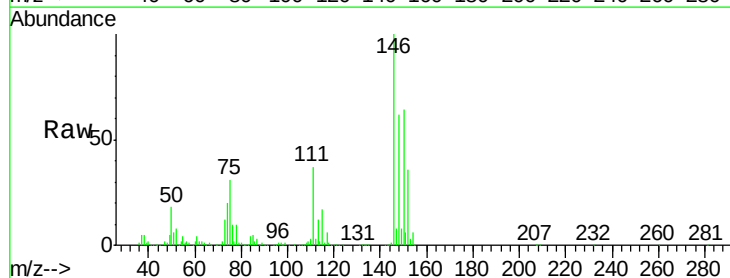
Manual Integrations
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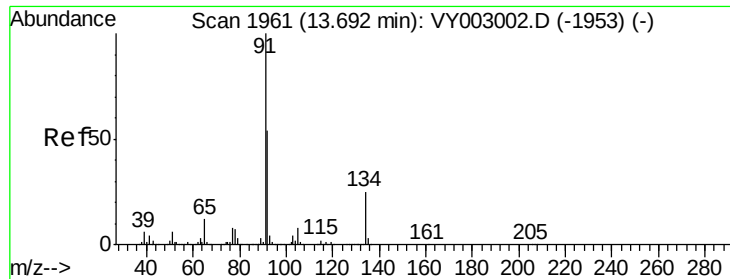
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#88
 1,4-Dichlorobenzene
 Concen: 21.544 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.4	55.4
148	63.7	32.3	96.9





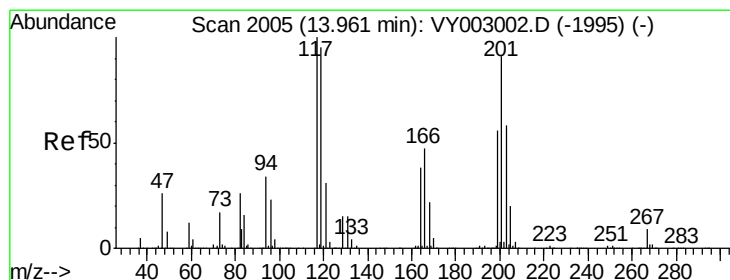
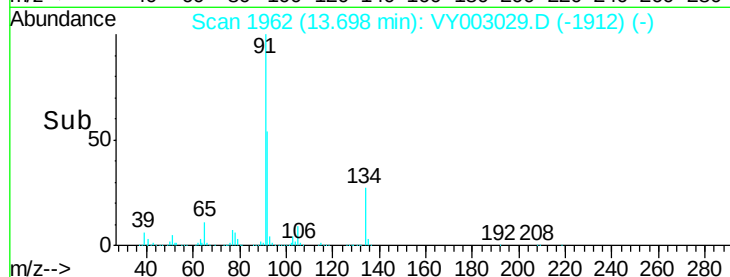
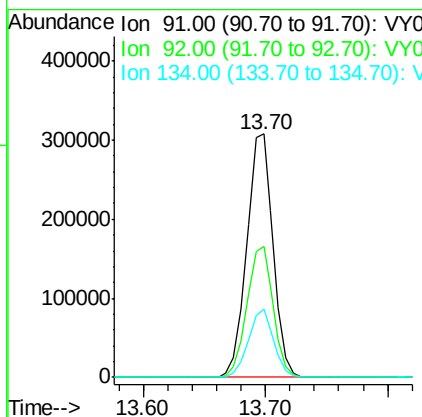
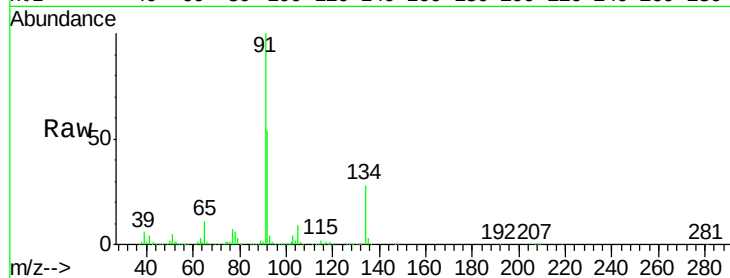
#89
n-Butylbenzene
Concen: 21.330 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.3
134	26.8	13.1	39.1

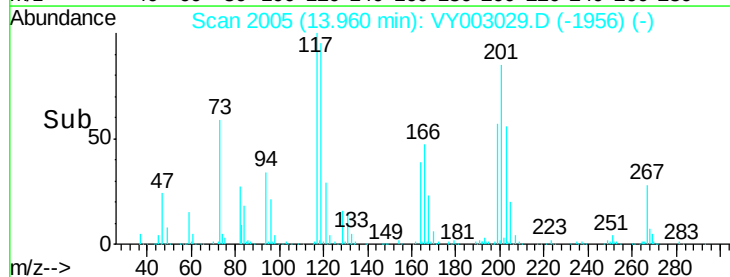
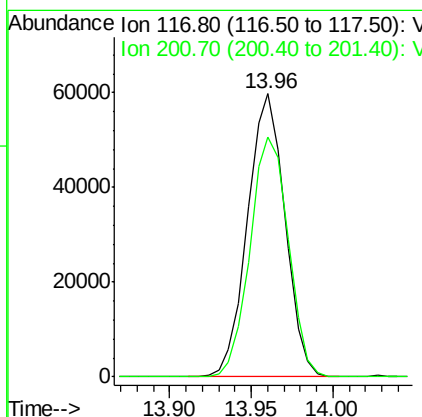
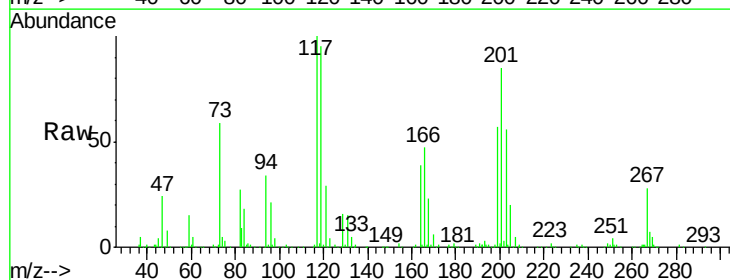
Manual Integrations
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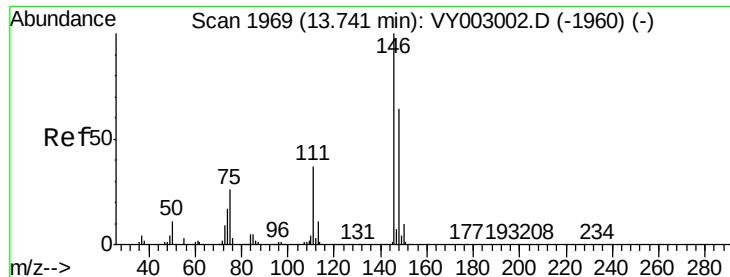
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#90
Hexachloroethane
Concen: 21.487 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.4	45.5	136.4





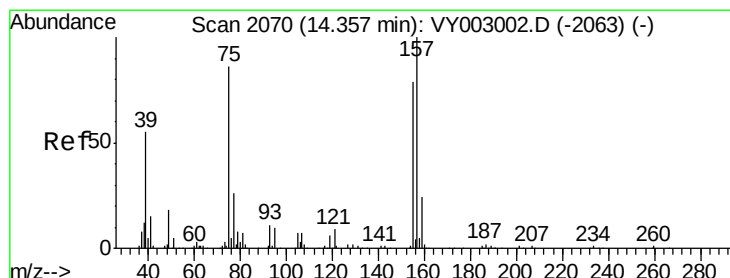
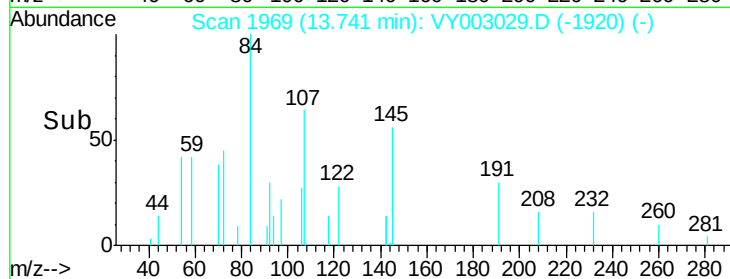
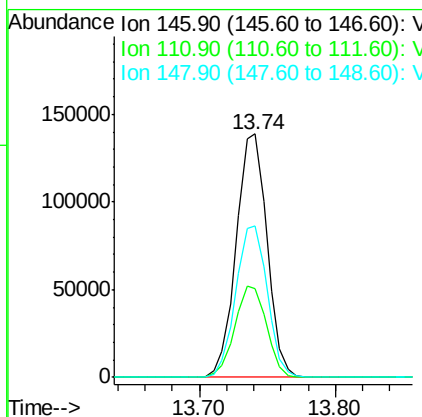
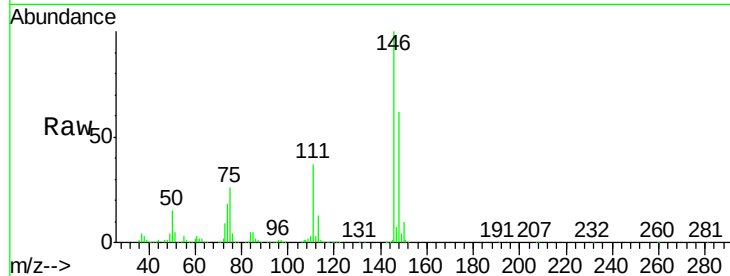
#91
 1,2-Dichlorobenzene
 Concen: 21.408 ug/l
 RT: 13.74 min Scan# 1969
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.1	57.5
148	63.6	31.8	95.3

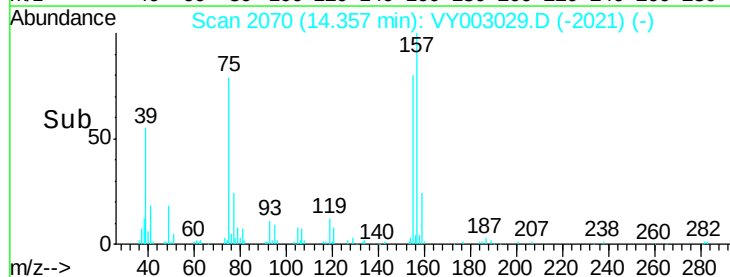
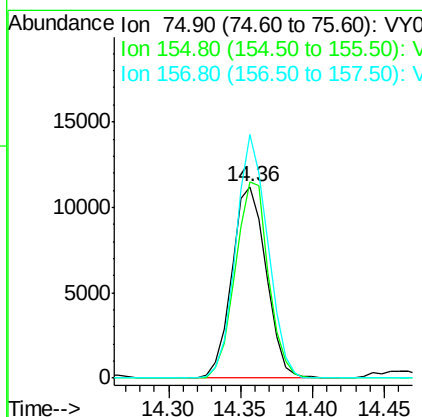
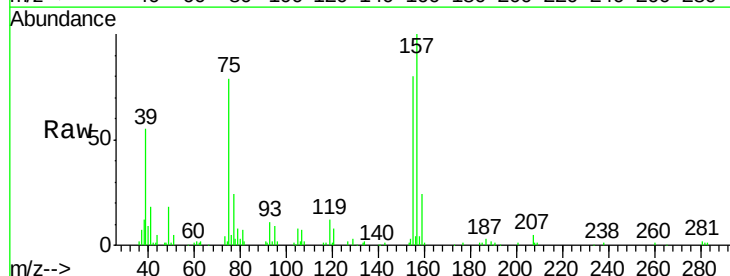
Manual Integrations
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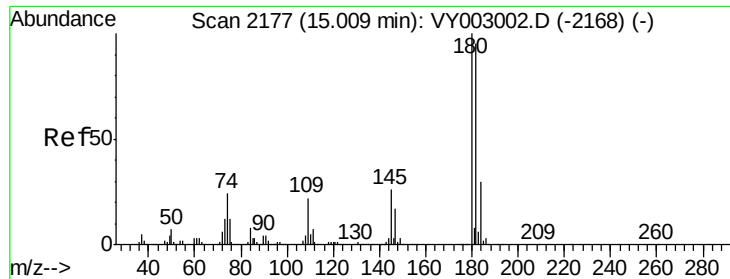
sam
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.829 ug/l
 RT: 14.36 min Scan# 2070
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	98.6	46.5	139.3
157	117.6	59.2	177.5





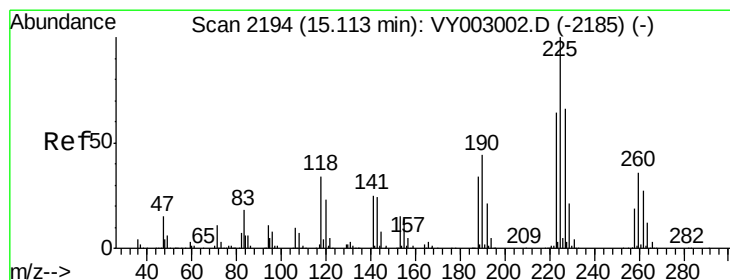
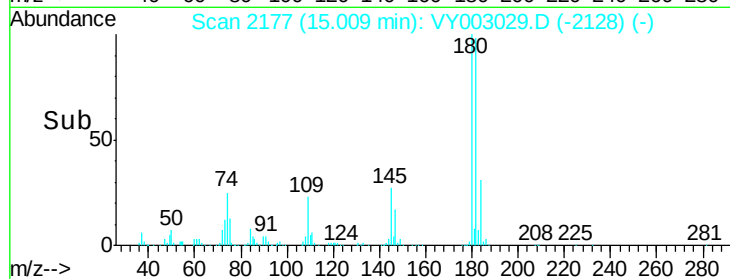
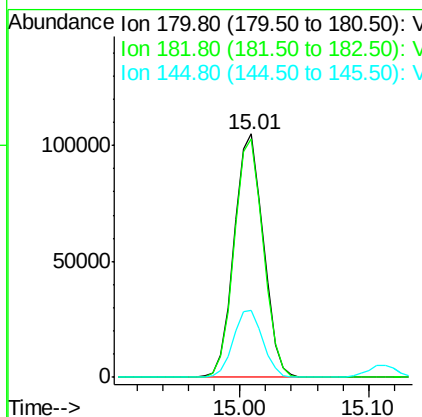
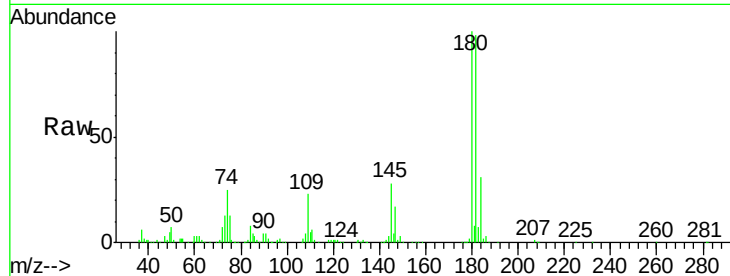
#93
 1,2,4-Trichlorobenzene
 Concen: 21.733 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165546		
182	97.2	48.1	144.3	
145	27.8	13.9	41.6	

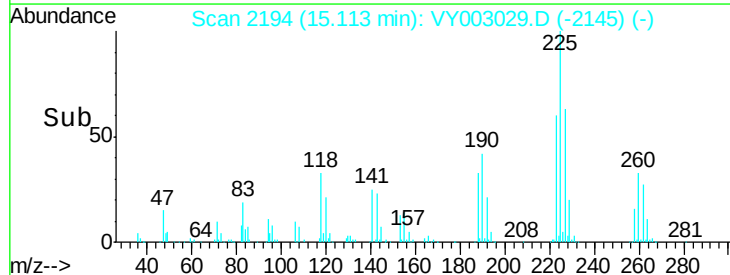
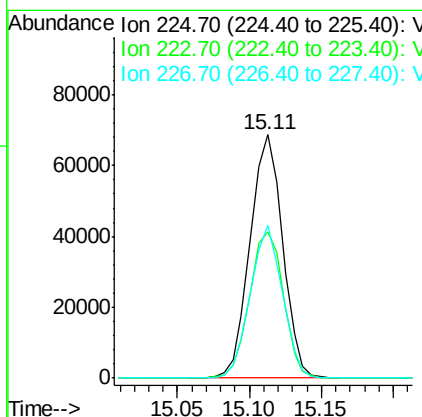
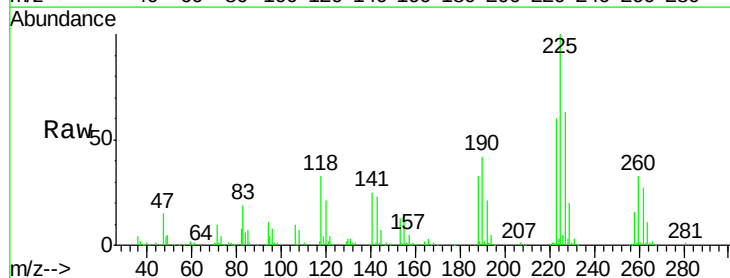
Manual Integrations
 APPROVED

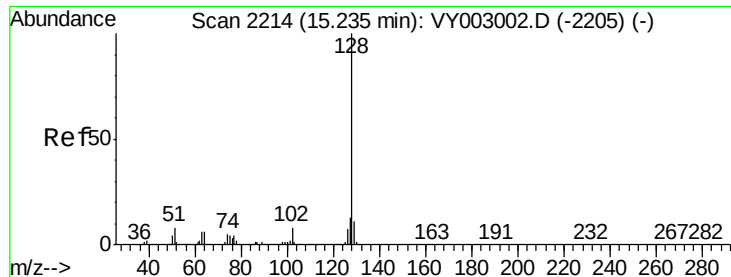
sam
 7/1/2020 10:11:21 PM



#94
 Hexachlorobutadiene
 Concen: 22.349 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003029.D
 Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107377		
223	62.1	32.4	97.0	
227	61.9	32.4	97.2	





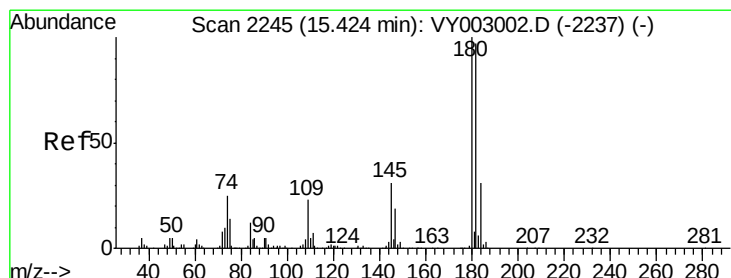
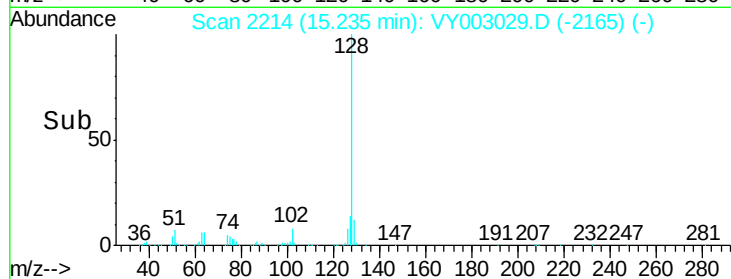
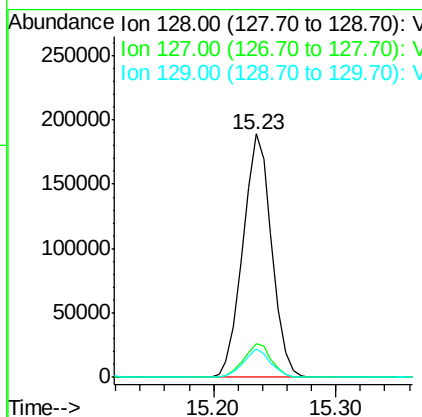
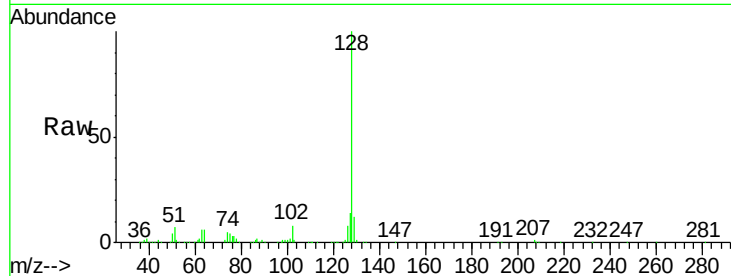
#95
Naphthalene
Concen: 22.096 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.8	16.2
129	10.9	8.8	13.2

Manual Integrations
APPROVED

sam
7/1/2020 10:11:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.911 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003029.D
Acq: 30 Jun 2020 12:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.8	143.3
145	29.8	14.7	44.1

