

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY063020\
 Data File : VY003028.D
 Acq On : 30 Jun 2020 11:41
 Operator : SY/MD
 Sample : VY0630SBS01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Manual Integrations
 APPROVED

sam
 7/1/2020 10:11:07 PM

Quant Time: Jul 01 06:00:01 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	526181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	766227	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	692638	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	366885	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.14	65	242425	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
35) Dibromofluoromethane	7.72	113	227047	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	10.18	98	850709	47.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.54%	
62) 4-Bromofluorobenzene	12.48	95	300238	47.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	69522	17.446	ug/l	97
3) Chloromethane	2.11	50	93150	15.963	ug/l	98
4) Vinyl Chloride	2.26	62	106923	18.784	ug/l	95
5) Bromomethane	2.65	94	76424	19.775	ug/l	95
6) Chloroethane	2.79	64	69976	19.325	ug/l	95
7) Trichlorofluoromethane	3.13	101	154266	19.202	ug/l	99
8) Diethyl Ether	3.54	74	50906	18.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	94767	19.755	ug/l	98
10) Methyl Iodide	4.10	142	110988	18.659	ug/l	100
11) Tert butyl alcohol	4.97	59	57596	108.142	ug/l	97
12) 1,1-Dichloroethene	3.88	96	88615	19.415	ug/l	93
13) Acrolein	3.74	56	47431	99.156	ug/l	98
14) Allyl chloride	4.49	41	144008	18.071	ug/l	98
15) Acrylonitrile	5.17	53	134892	95.031	ug/l	100
16) Acetone	3.96	43	113023	91.699	ug/l	96
17) Carbon Disulfide	4.20	76	274308	18.810	ug/l	96
18) Methyl Acetate	4.49	43	60605	18.251	ug/l	95
19) Methyl tert-butyl Ether	5.23	73	259265	19.487	ug/l	96
20) Methylene Chloride	4.73	84	166383	27.051	ug/l	92
21) trans-1,2-Dichloroethene	5.22	96	101009	19.565	ug/l	97
22) Diisopropyl ether	6.13	45	310913	18.203	ug/l	98
23) Vinyl Acetate	6.07	43	1043302	91.365	ug/l	99
24) 1,1-Dichloroethane	6.03	63	176124	18.877	ug/l	99
25) 2-Butanone	7.00	43	186633	95.323	ug/l	100
26) 2,2-Dichloropropane	6.99	77	165606	19.536	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	114282	19.735	ug/l	97
28) Bromochloromethane	7.34	49	71211	17.154	ug/l	93
29) Tetrahydrofuran	7.35	42	120668	92.678	ug/l	96
30) Chloroform	7.52	83	175919	19.032	ug/l	99
31) Cyclohexane	7.79	56	169234	18.412	ug/l	91
32) 1,1,1-Trichloroethane	7.71	97	162651	19.278	ug/l	99
36) 1,1-Dichloropropene	7.92	75	142501	19.308	ug/l	99
37) Ethyl Acetate	7.08	43	81281	18.316	ug/l	97
38) Carbon Tetrachloride	7.91	117	147645	19.227	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	178716	19.530	ug/l	99
40) Benzene	8.16	78	390603	19.331	ug/l	98
41) Methacrylonitrile	7.32	41	42285m	17.838	ug/l	
42) 1,2-Dichloroethane	8.24	62	122999	19.242	ug/l	100
43) Isopropyl Acetate	8.28	43	158334	18.768	ug/l	98
44) Trichloroethene	8.94	130	116523	19.840	ug/l	98
45) 1,2-Dichloropropane	9.22	63	102864	18.922	ug/l	98
46) Dibromomethane	9.31	93	58726	19.342	ug/l	98
47) Bromodichloromethane	9.50	83	143113	19.250	ug/l	97
48) Methyl methacrylate	9.30	41	68812	17.920	ug/l	92
49) 1,4-Dioxane	9.30	88	15952	430.404	ug/l	95
51) 4-Methyl-2-Pentanone	10.07	43	405717	93.049	ug/l	97
52) Toluene	10.24	92	247666	19.471	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	148101	19.001	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	169576	19.023	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	83378	19.762	ug/l	98
56) Ethyl methacrylate	10.51	69	118822	19.456	ug/l	96
57) 1,3-Dichloropropane	10.79	76	145334	19.622	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.78	63	269048	85.895	ug/l	98
59) 2-Hexanone	10.83	43	292371	95.932	ug/l	99
60) Dibromochloromethane	10.99	129	105868	19.608	ug/l	100
61) 1,2-Dibromoethane	11.09	107	80184	19.278	ug/l	99
64) Tetrachloroethene	10.72	164	116926	19.946	ug/l	96
65) Chlorobenzene	11.52	112	270130	19.779	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	105771	19.836	ug/l	99
67) Ethyl Benzene	11.59	91	485753	19.441	ug/l	98
68) m/p-Xylenes	11.70	106	363043	39.041	ug/l	99
69) o-Xylene	12.03	106	173724	19.825	ug/l	98
70) Styrene	12.05	104	291827	19.494	ug/l	99
71) Bromoform	12.21	173	70262	19.761	ug/l	99
73) Isopropylbenzene	12.33	105	475383	19.798	ug/l	100
74) N-amyl acetate	12.14	43	146926	18.796	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	97203	20.060	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	73750m	20.311	ug/l	
77) Bromobenzene	12.61	156	120985	19.652	ug/l	99
78) n-propylbenzene	12.67	91	568246	19.678	ug/l	99
79) 2-Chlorotoluene	12.75	91	318682	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.81	105	396718	19.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	36957	19.802	ug/l	92
82) 4-Chlorotoluene	12.85	91	333313	19.862	ug/l	100
83) tert-Butylbenzene	13.08	119	347612	19.648	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	398612	19.633	ug/l	99
85) sec-Butylbenzene	13.25	105	483471	19.826	ug/l	100
86) p-Isopropyltoluene	13.37	119	442501	19.583	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	225812	19.646	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	224433	19.802	ug/l	99
89) n-Butylbenzene	13.70	91	432789	20.018	ug/l	99
90) Hexachloroethane	13.96	117	87579	19.518	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	205137	19.892	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17048	19.875	ug/l	96

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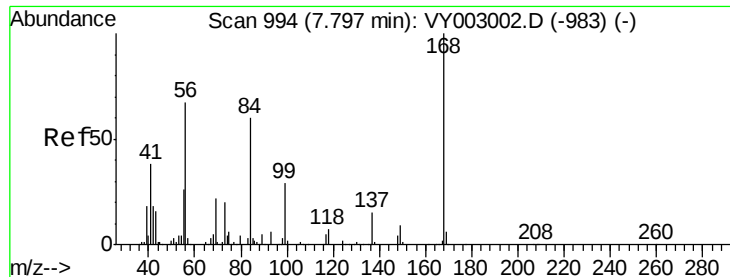
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	151252	19.739	ug/l	99
94) Hexachlorobutadiene	15.11	225	97757	20.225	ug/l	98
95) Naphthalene	15.23	128	278435	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	131193	19.717	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:168 Resp: 526181

Ion Ratio Lower Upper

168 100

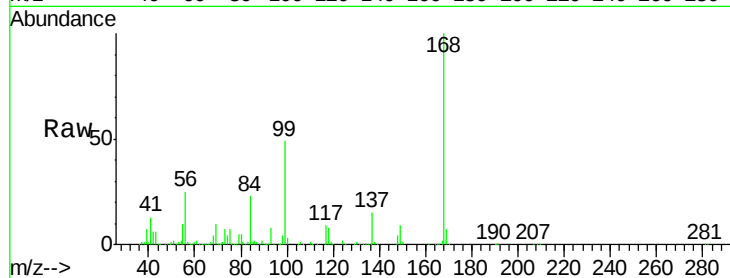
99 48.6 39.2 58.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY003002.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY003002.D (-983) (-)

250000

200000

150000

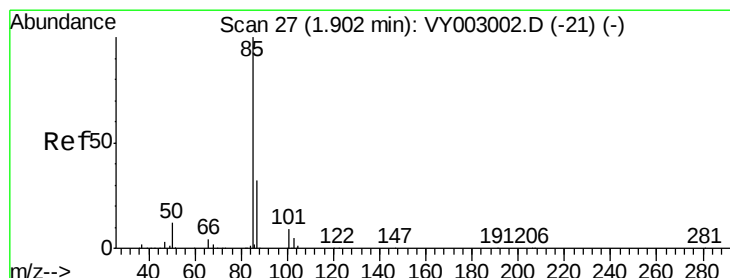
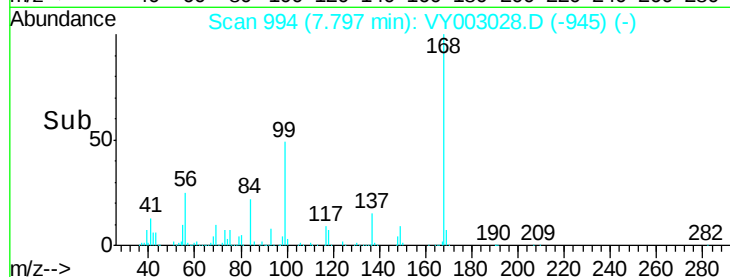
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.446 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003028.D

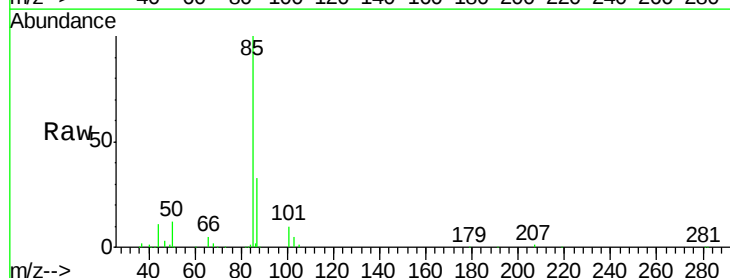
Acq: 30 Jun 2020 11:41

Tgt Ion: 85 Resp: 69522

Ion Ratio Lower Upper

85 100

87 33.2 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VY003002.D (-21) (-)

Ion 86.90 (86.60 to 87.60): VY003002.D (-21) (-)

50000

40000

30000

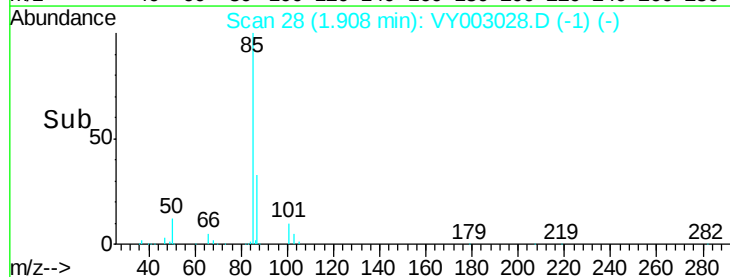
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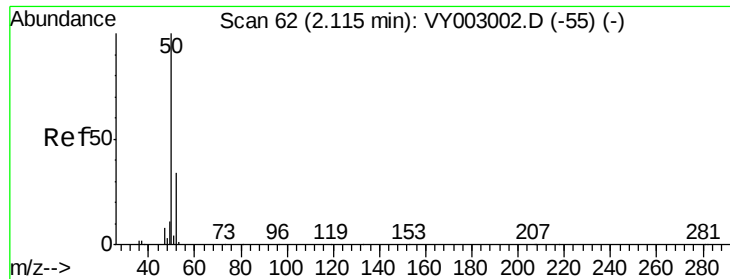
10000

0

1.80 1.90 2.00

Time-->





#3

Chloromethane

Concen: 15.963 ug/l

RT: 2.11 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 50 Resp: 93150

Ion Ratio Lower Upper

50 100

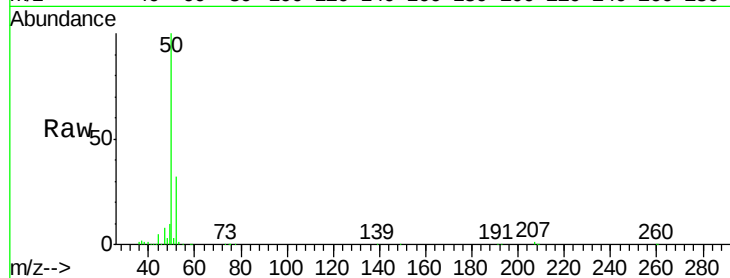
52 32.4 26.9 40.3

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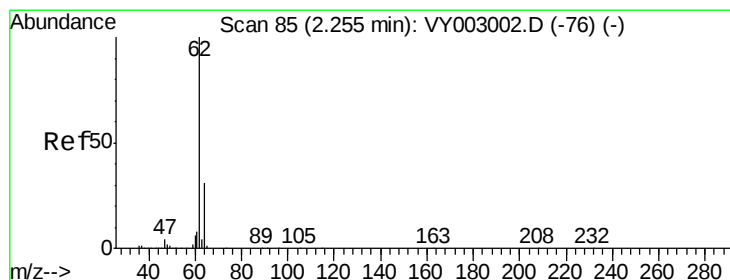
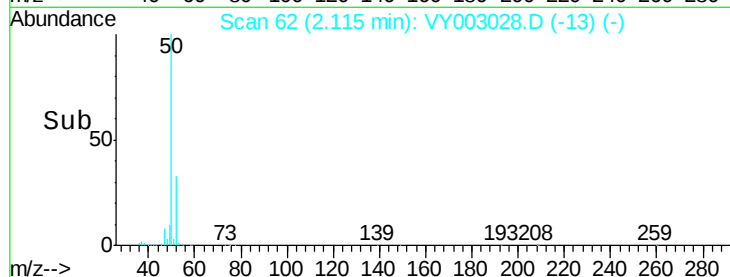
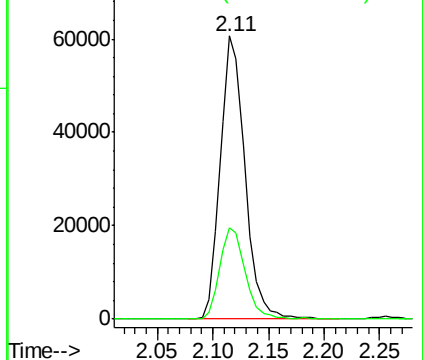
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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 18.784 ug/l

RT: 2.26 min Scan# 85

Delta R.T. -0.00 min

Lab File: VY003028.D

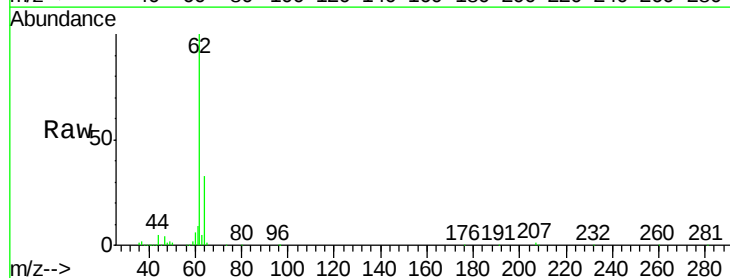
Acq: 30 Jun 2020 11:41

Tgt Ion: 62 Resp: 106923

Ion Ratio Lower Upper

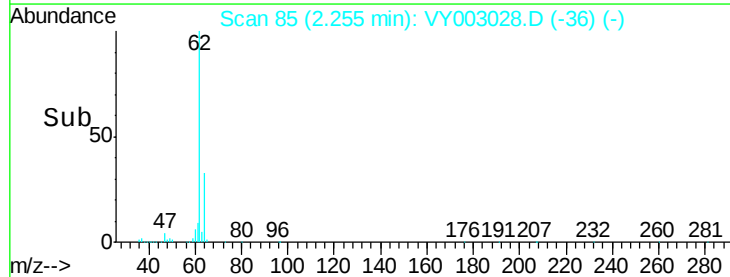
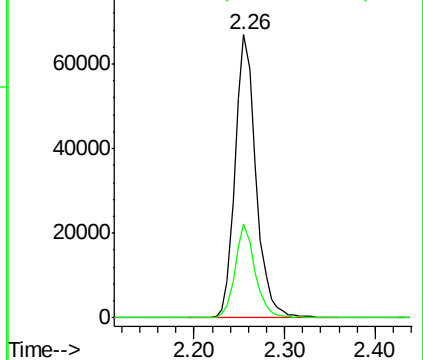
62 100

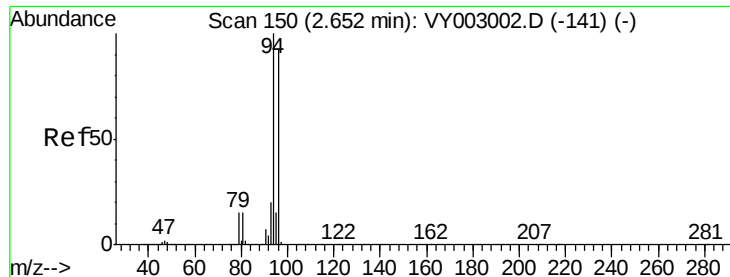
64 33.0 24.4 36.6



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 19.775 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

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ClientSampleId :

VY0630SBS01

Tot Ion: 94 Resp: 76424

Ion Ratio Lower Upper

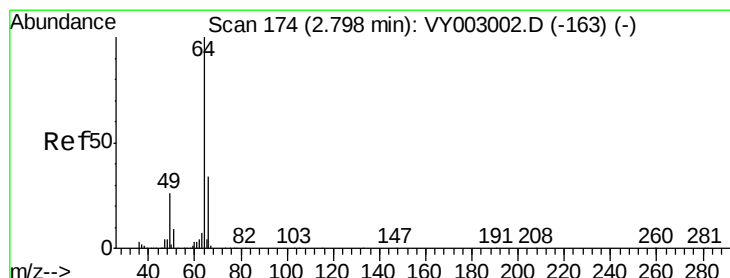
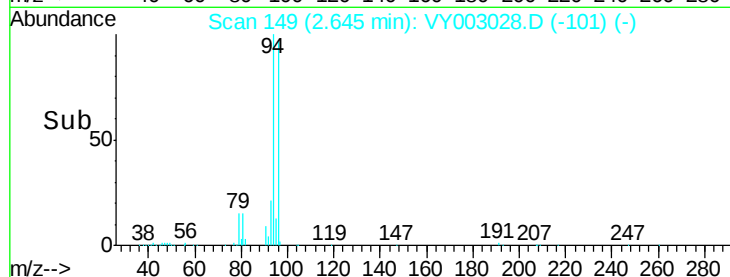
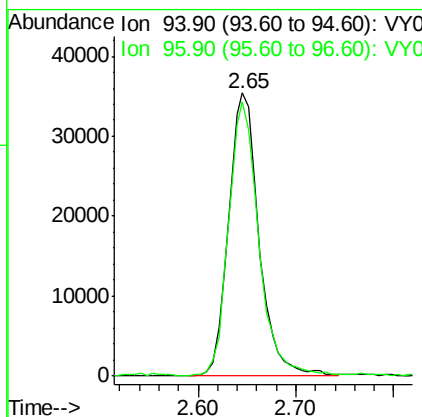
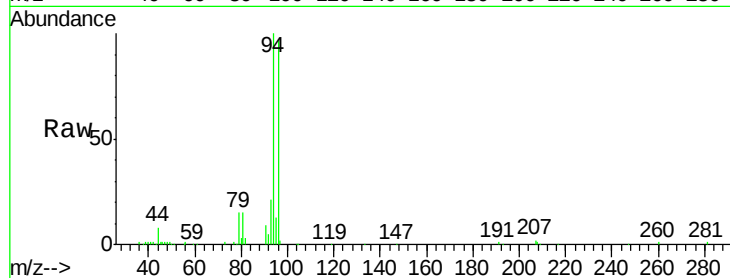
94 100

96 96.6 73.4 110.2

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#6

Chloroethane

Concen: 19.325 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003028.D

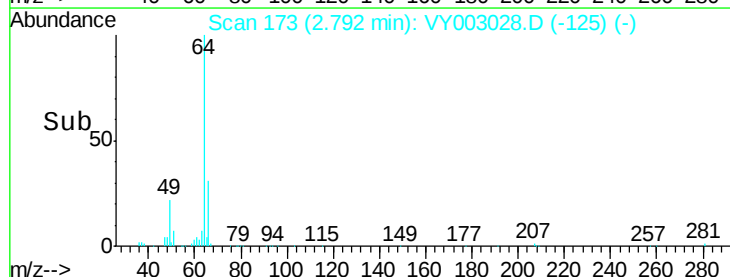
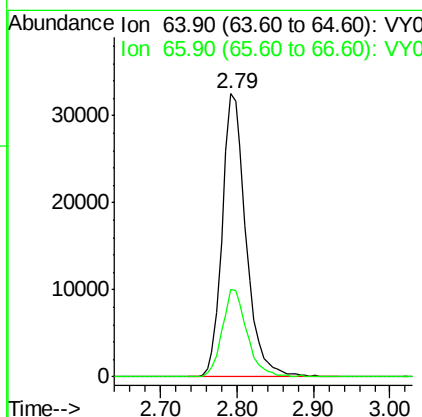
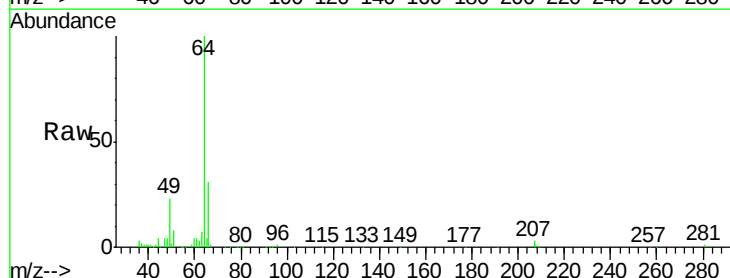
Acq: 30 Jun 2020 11:41

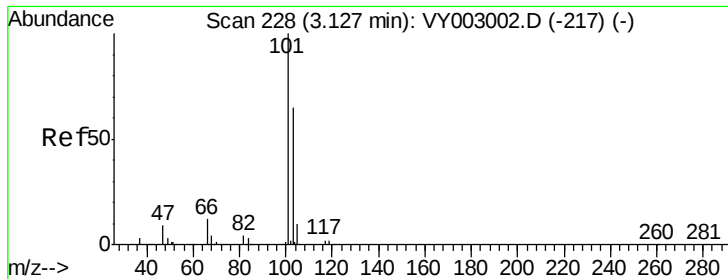
Tgt Ion: 64 Resp: 69976

Ion Ratio Lower Upper

64 100

66 31.1 27.0 40.4





#7

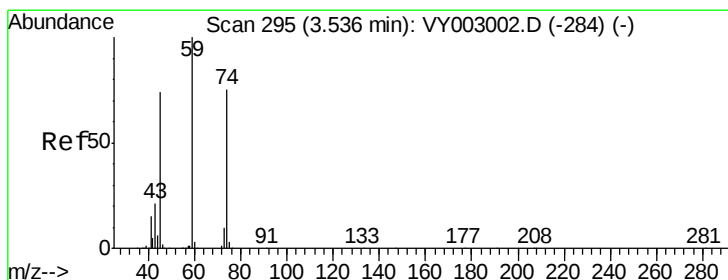
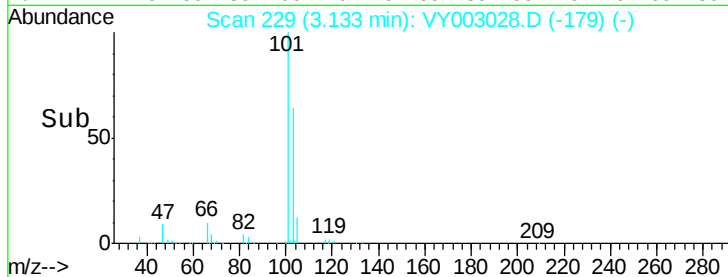
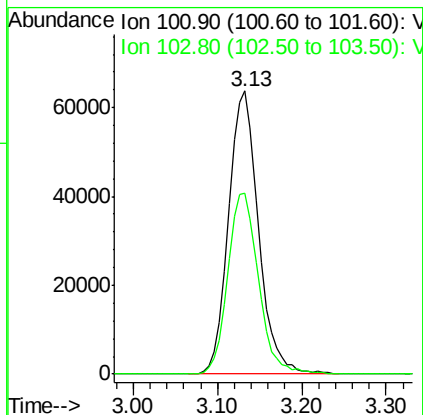
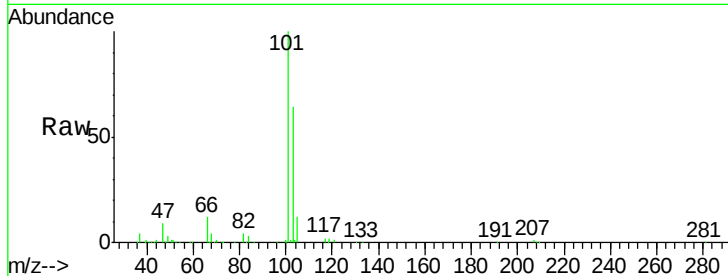
Trichlorofluoromethane
 Concen: 19.202 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

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 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.9	51.6	77.4

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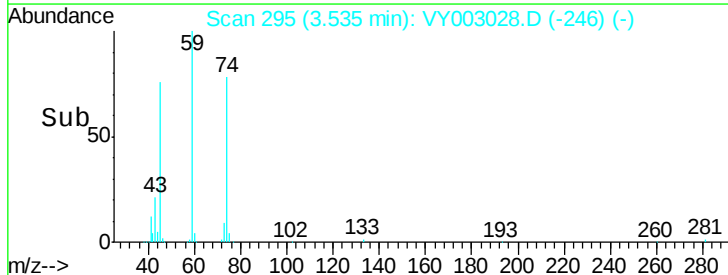
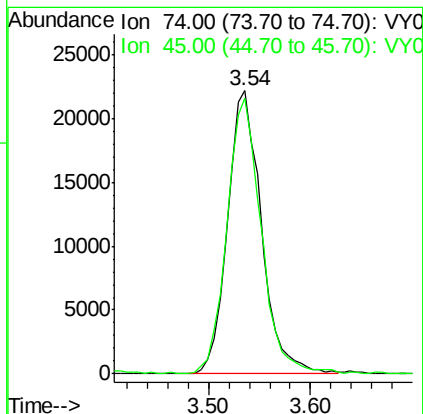
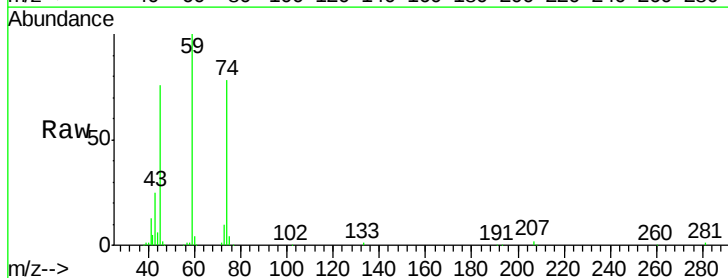
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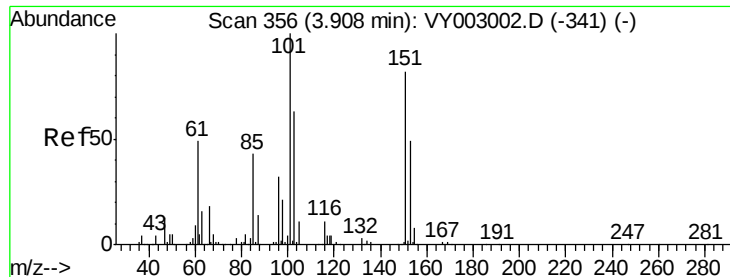


#8

Diethyl Ether
 Concen: 18.483 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.0	49.3	147.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.755 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

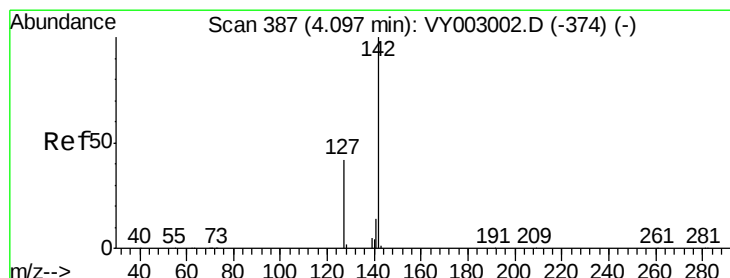
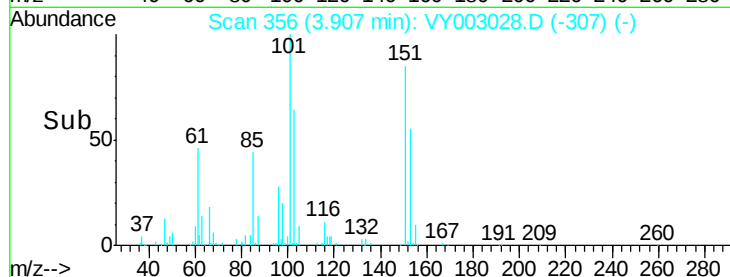
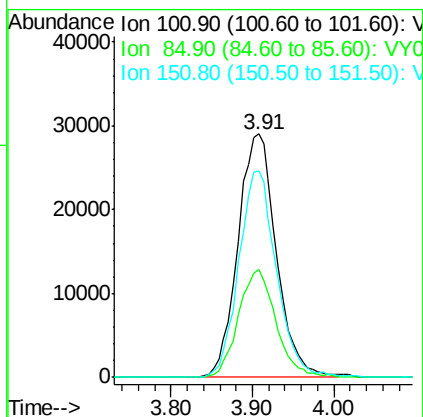
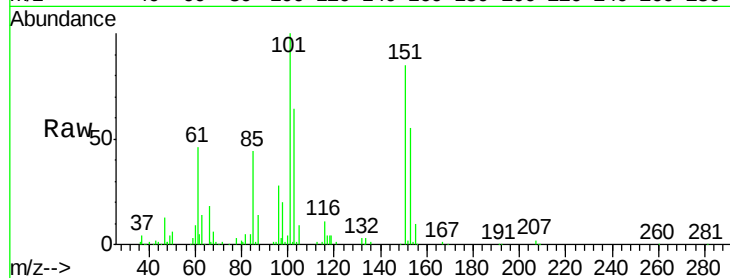
ClientSampleId :

VY0630SBS01

Tot Ion:	101	Resp:	94767
Ion Ratio	Lower	Upper	
101	100		
85	43.4	35.5	53.3
151	83.5	65.5	98.3

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#10

Methyl Iodide

Concen: 18.659 ug/l

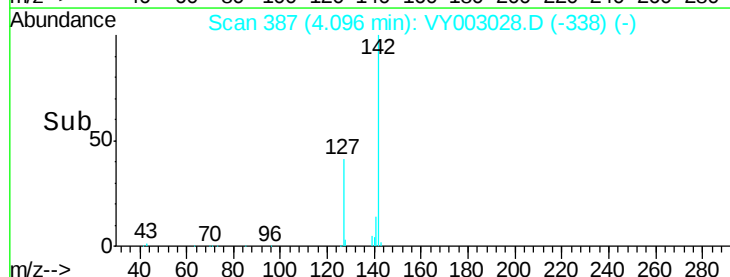
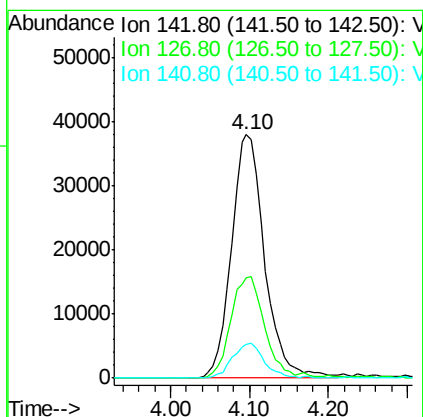
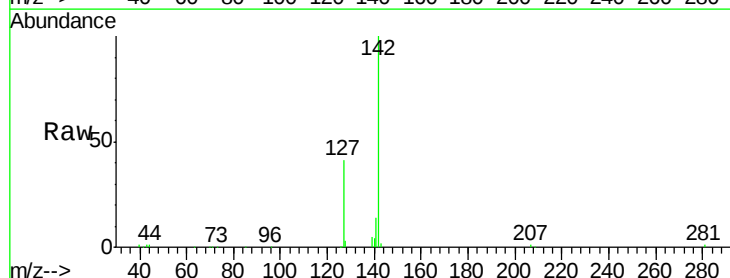
RT: 4.10 min Scan# 387

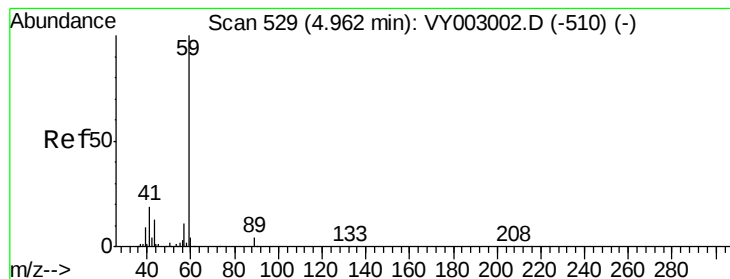
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	142	Resp:	110988
Ion Ratio	Lower	Upper	
142	100		
127	42.7	34.2	51.2
141	14.0	11.7	17.5





#11

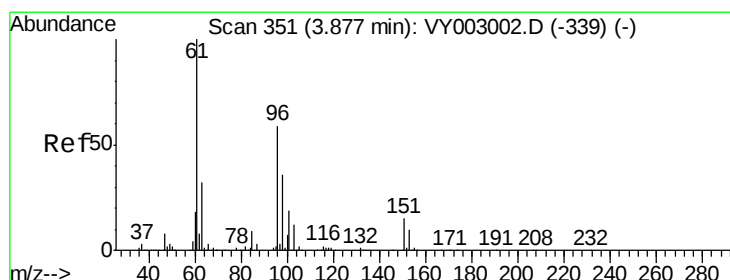
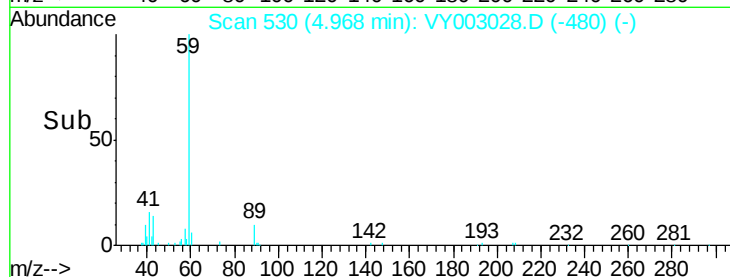
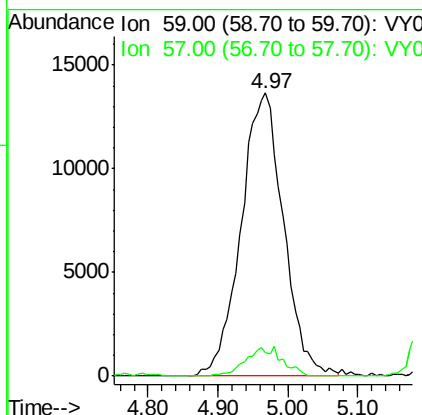
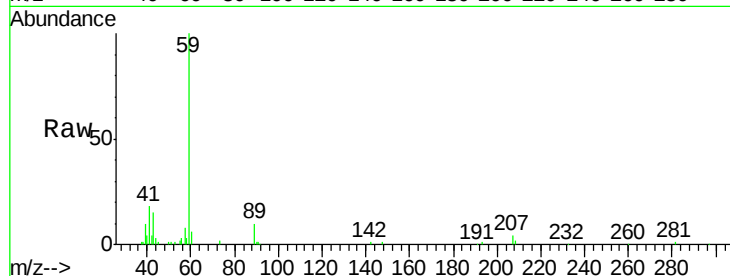
Tert butyl alcohol
 Concen: 108.142 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	8.8	8.0	12.0

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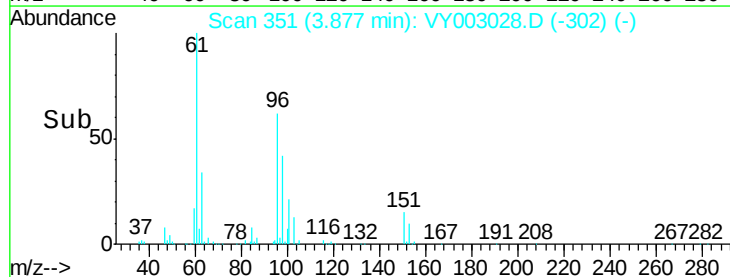
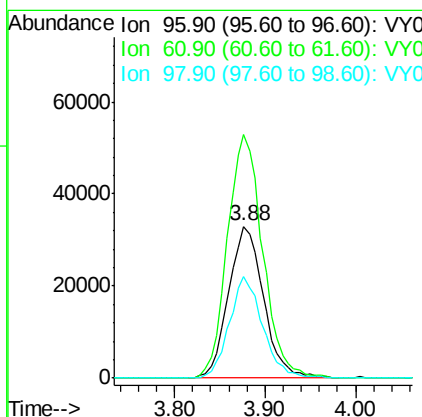
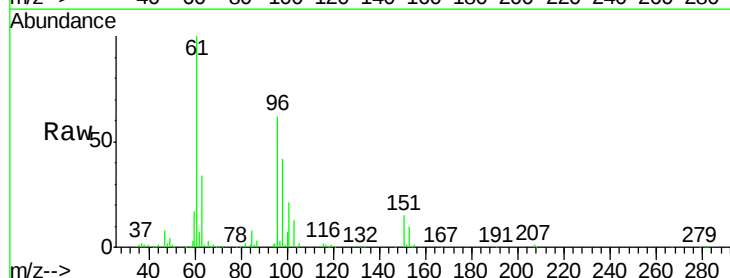
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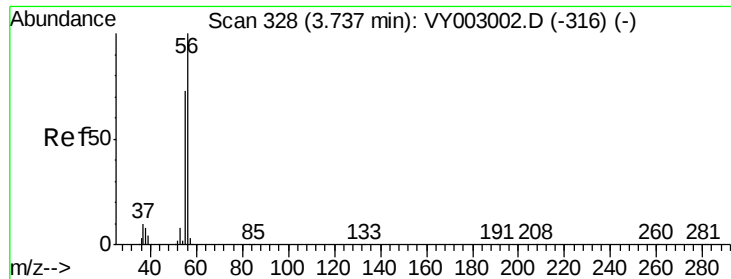


#12

1,1-Dichloroethene
 Concen: 19.415 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
96	100		
61	160.2	136.7	205.1
98	67.1	49.7	74.5





#13

Acrolein

Concen: 99.156 ug/l

RT: 3.74 min Scan# 328

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 56 Resp: 47431

Ion Ratio Lower Upper

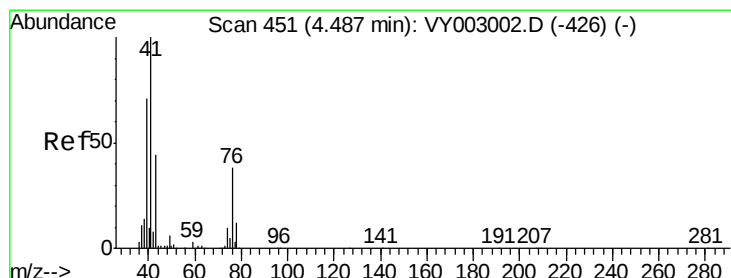
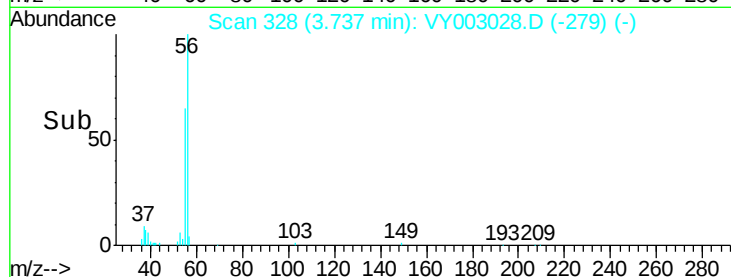
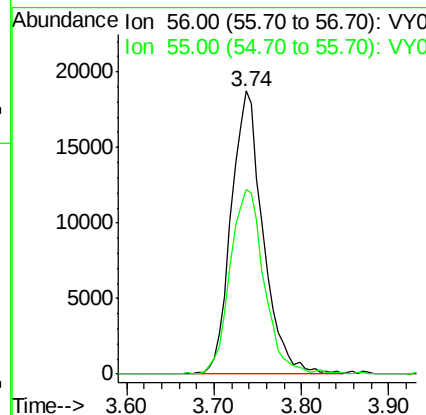
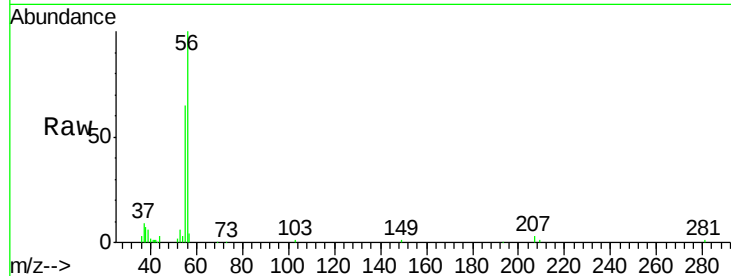
56 100

55 69.2 56.4 84.6

Manual Integrations
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#14

Allyl chloride

Concen: 18.071 ug/l

RT: 4.49 min Scan# 451

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

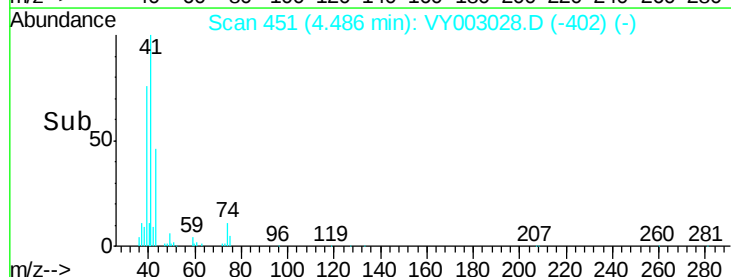
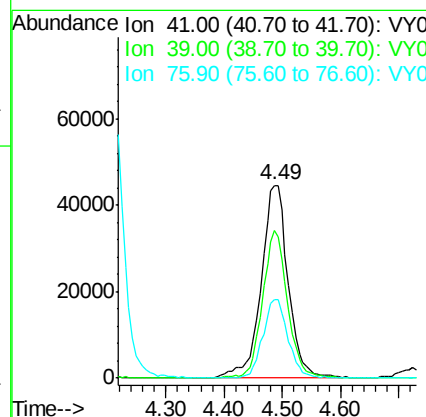
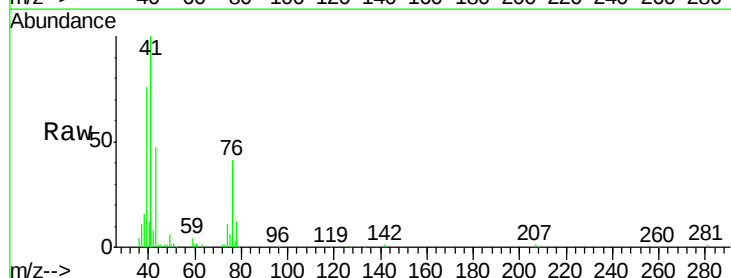
Tgt Ion: 41 Resp: 144008

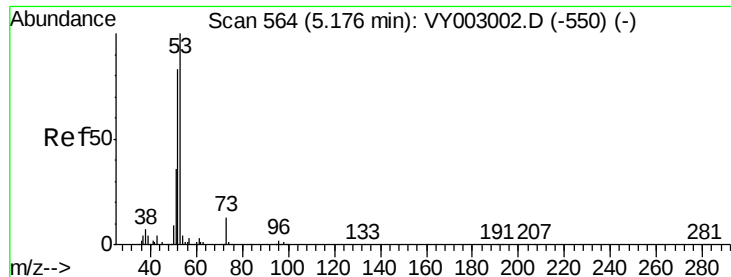
Ion Ratio Lower Upper

41 100

39 70.7 55.6 83.4

76 37.7 28.6 43.0





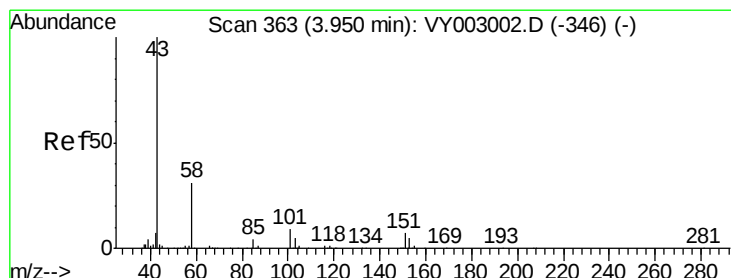
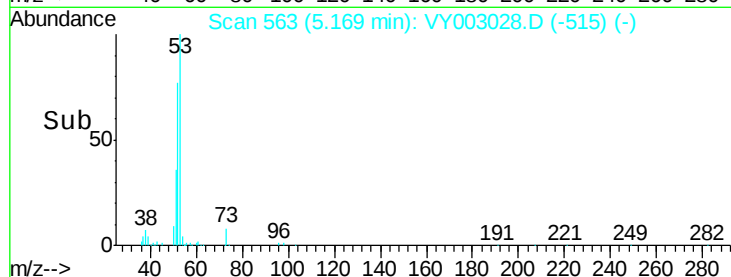
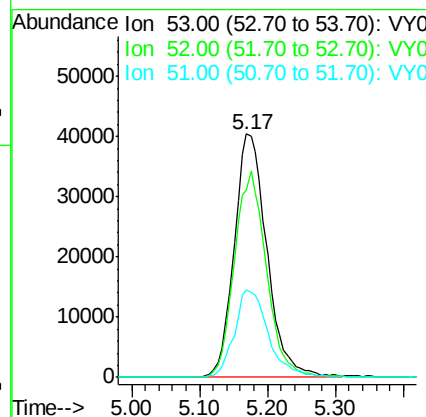
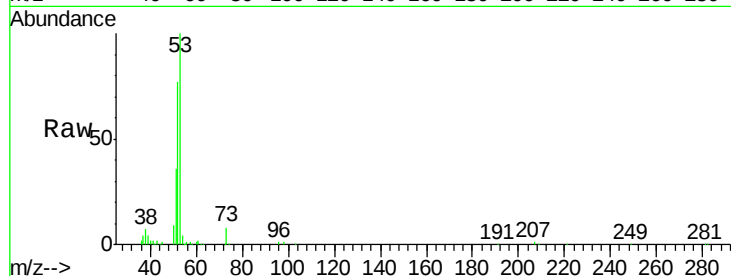
#15
 Acrylonitrile
 Concen: 95.031 ug/l
 RT: 5.17 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.2	99.2
51	37.5	29.5	44.3

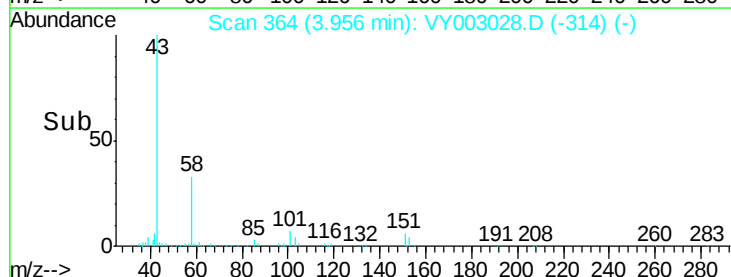
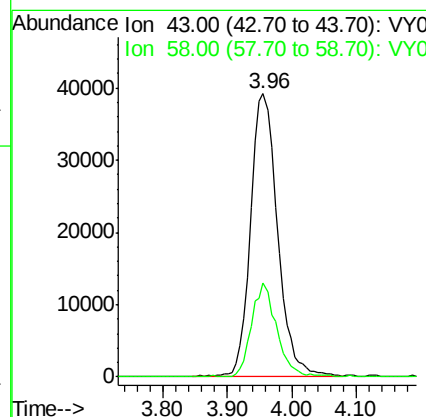
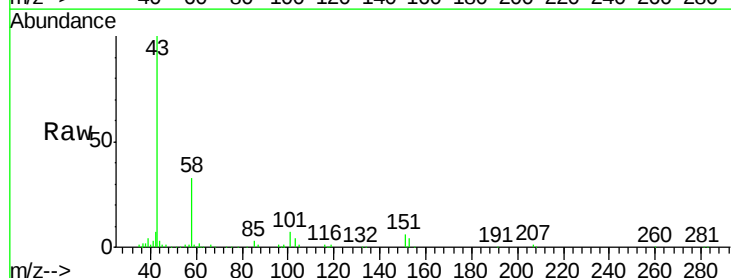
Manual Integrations
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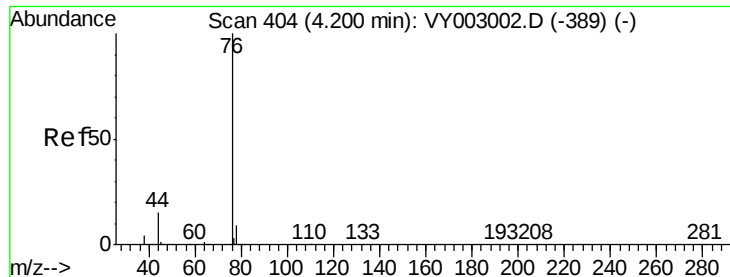
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#16
 Acetone
 Concen: 91.699 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.0	24.7	37.1





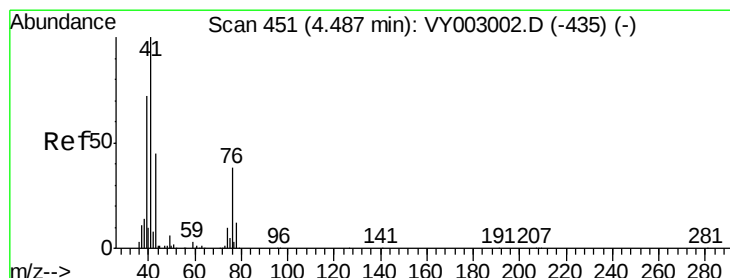
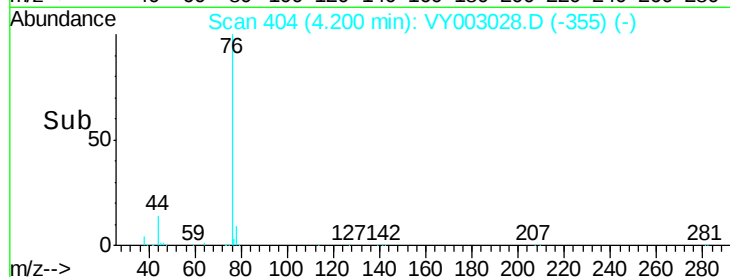
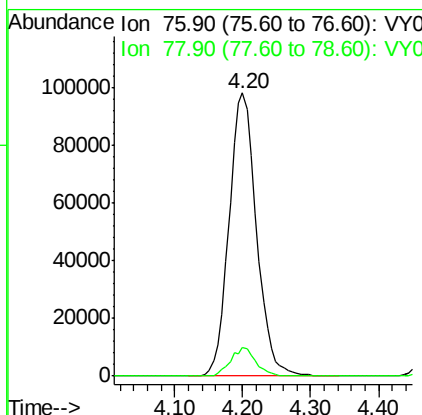
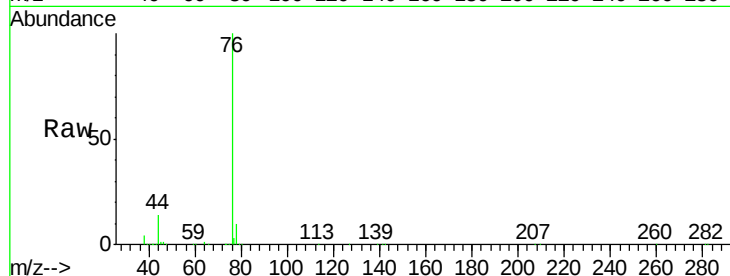
#17
Carbon Disulfide
Concen: 18.810 ug/l
RT: 4.20 min Scan# 404
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.0	10.6

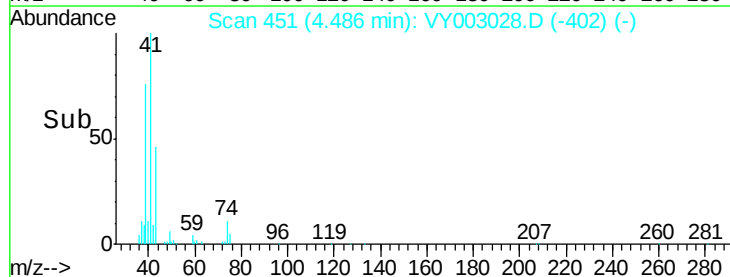
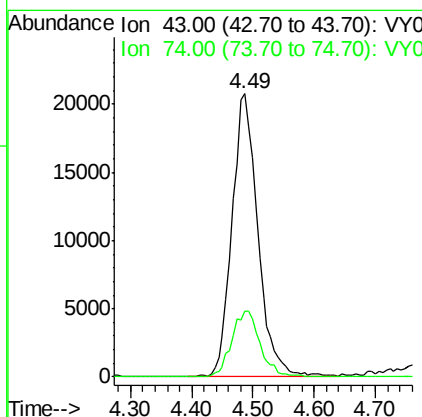
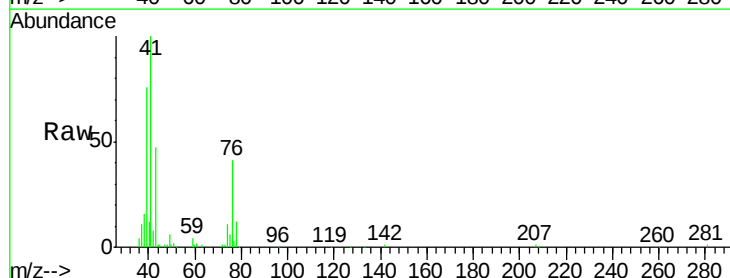
Manual Integrations
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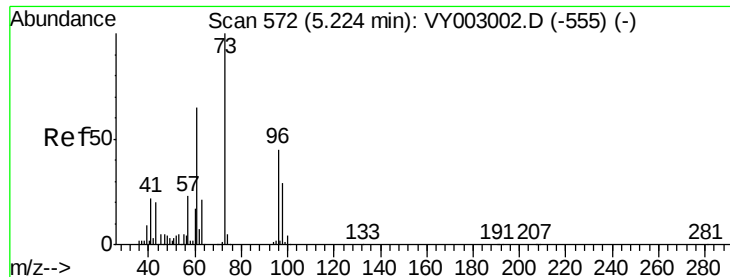
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#18
Methyl Acetate
Concen: 18.251 ug/l
RT: 4.49 min Scan# 451
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.4	18.2	27.4





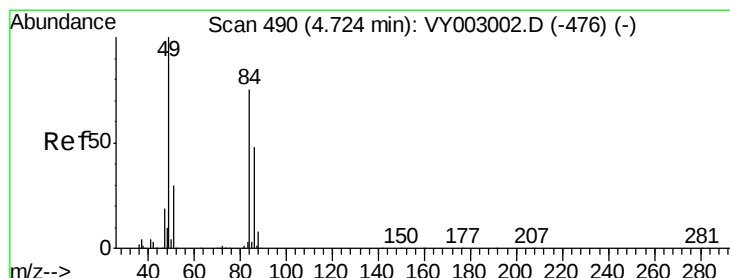
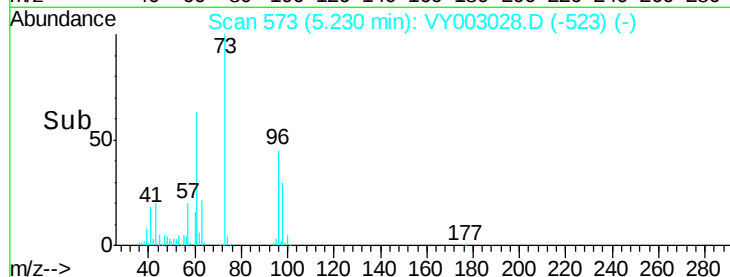
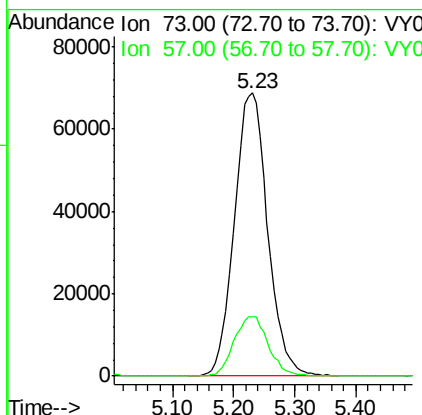
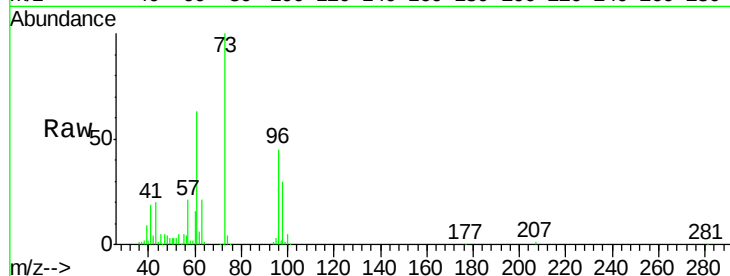
#19
Methvl tert-butvl Ether
Concen: 19.487 ug/l
RT: 5.23 min Scan# 573
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.8	18.2	27.2

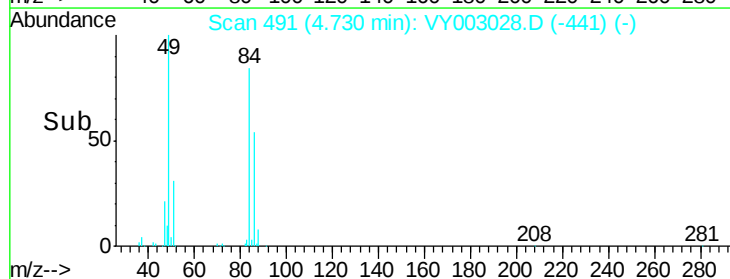
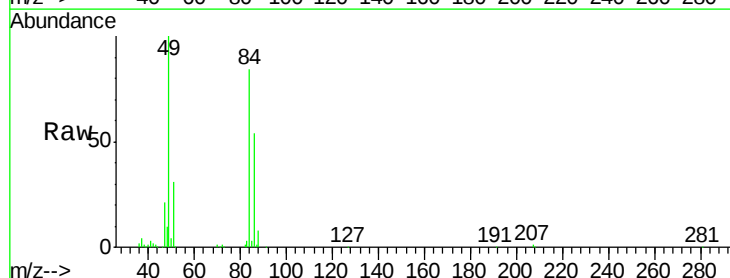
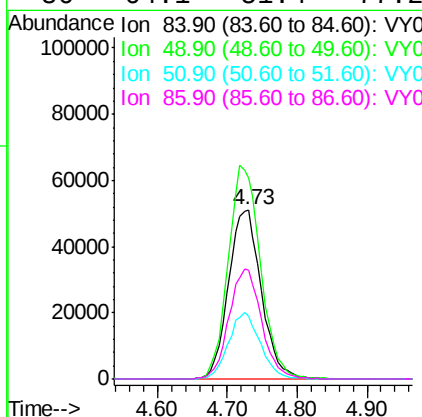
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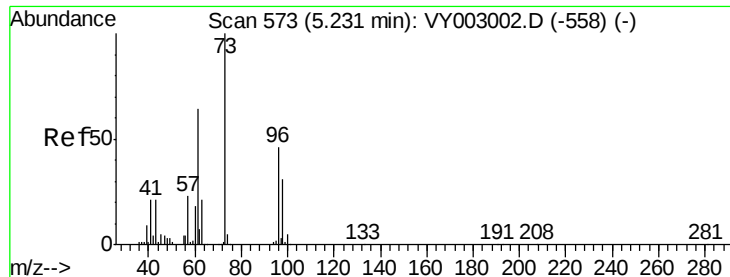
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#20
Methylene Chloride
Concen: 27.051 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.0	106.8	160.2
51	36.8	32.0	48.0
86	64.1	51.4	77.2





#21

trans-1,2-Dichloroethene

Concen: 19.565 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

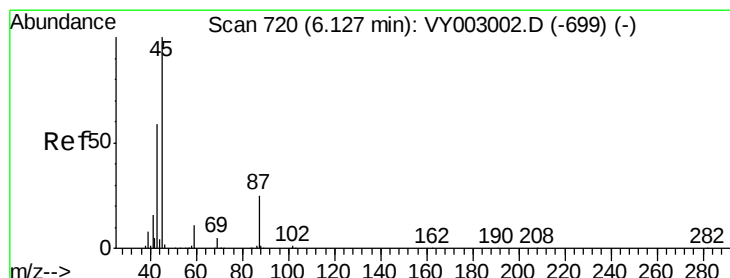
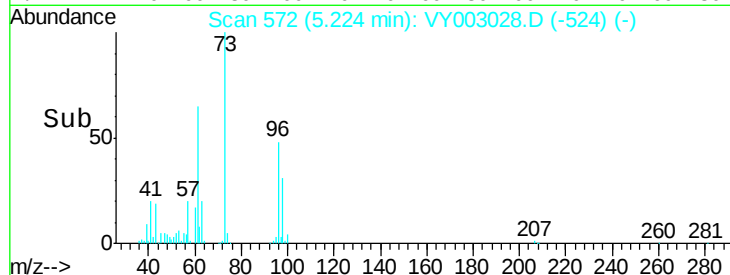
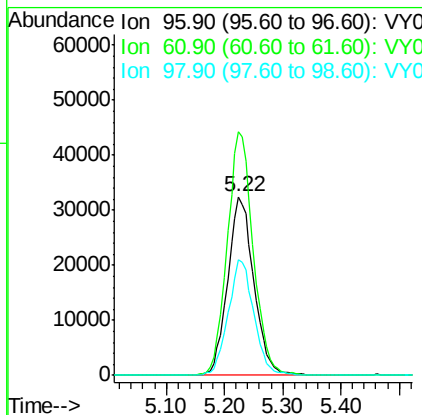
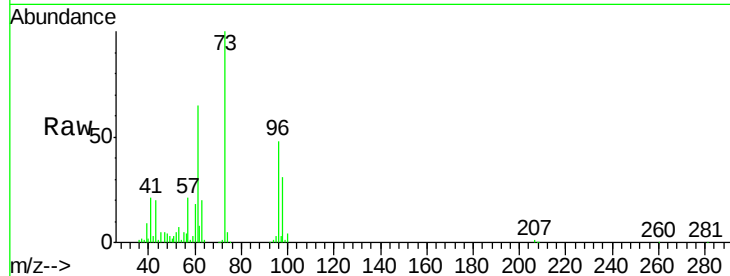
ClientSampleId :

VY0630SBS01

Tot Ion:	96	Resp:	101009
Ion	Ratio	Lower	Upper
96	100		
61	136.4	112.3	168.5
98	65.1	53.8	80.8

Manual Integrations
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#22

Diisopropyl ether

Concen: 18.203 ug/l

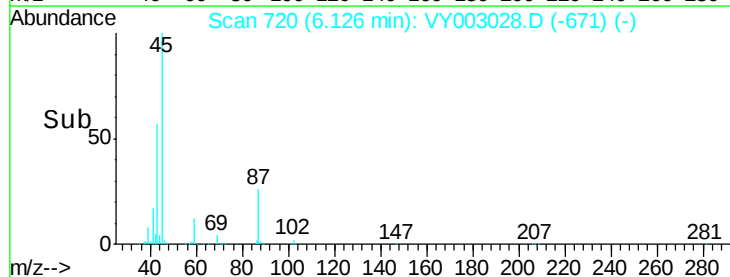
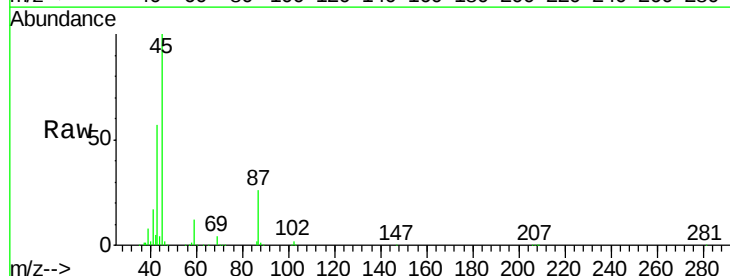
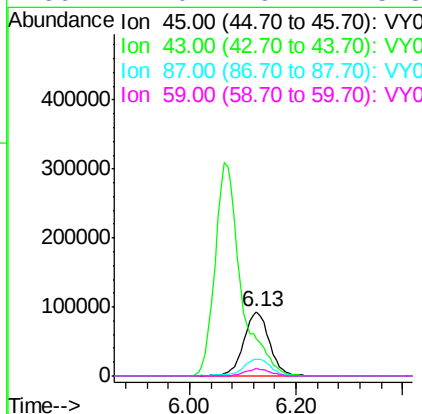
RT: 6.13 min Scan# 720

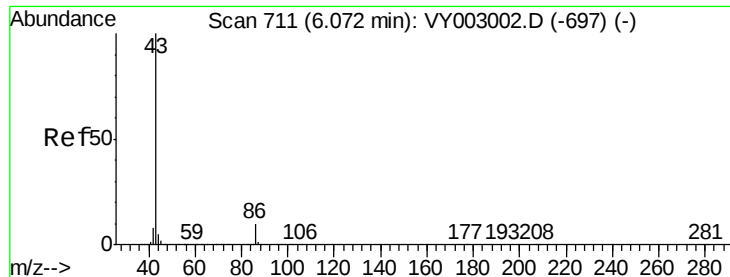
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	45	Resp:	310913
Ion	Ratio	Lower	Upper
45	100		
43	57.1	47.4	71.2
87	26.1	20.2	30.2
59	12.0	9.2	13.8





#23

Vinyl Acetate

Concen: 91.365 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tot Ion: 43 Resp: 1043302

Ion Ratio Lower Upper

43 100

86 10.3 8.1 12.1

Instrument :

MSVOA_Y

ClientSampleId :

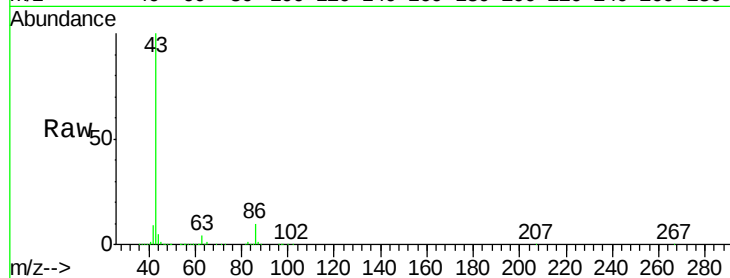
VY0630SBS01

Manual Integrations

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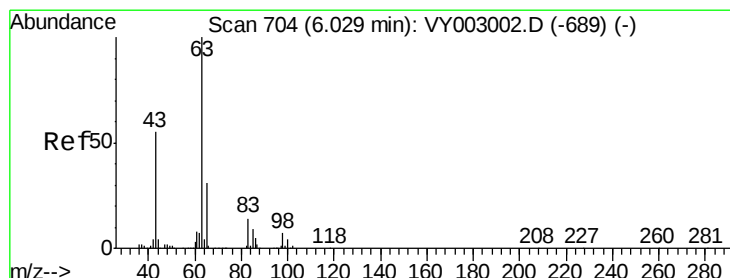
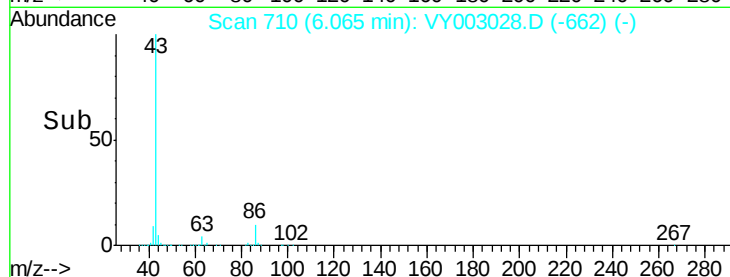
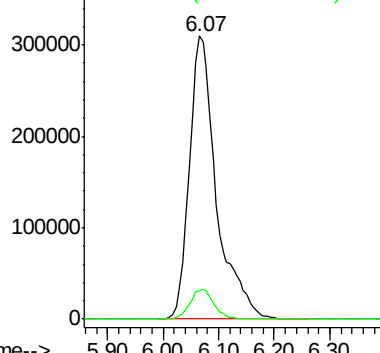
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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 18.877 ug/l

RT: 6.03 min Scan# 704

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

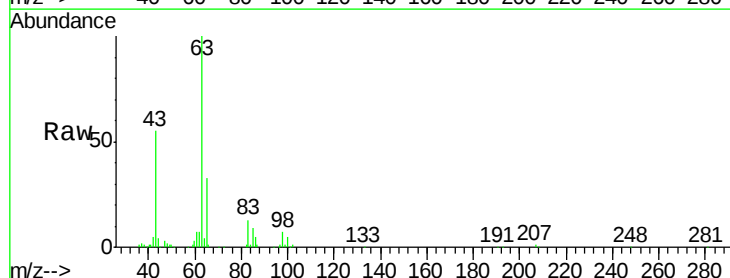
Tgt Ion: 63 Resp: 176124

Ion Ratio Lower Upper

63 100

98 7.1 3.4 10.1

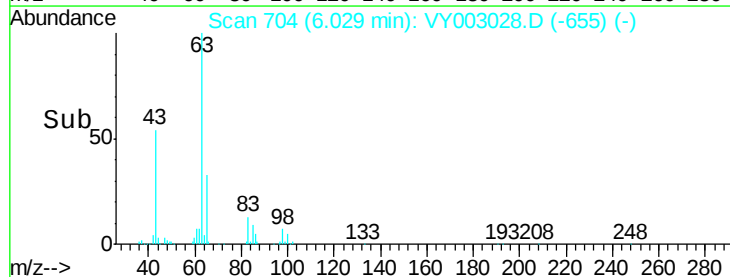
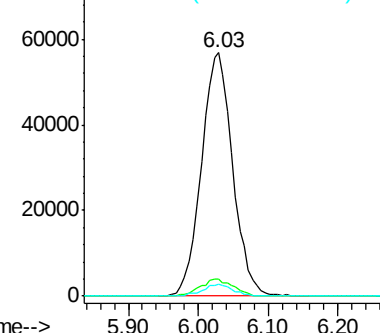
100 5.1 2.3 6.8

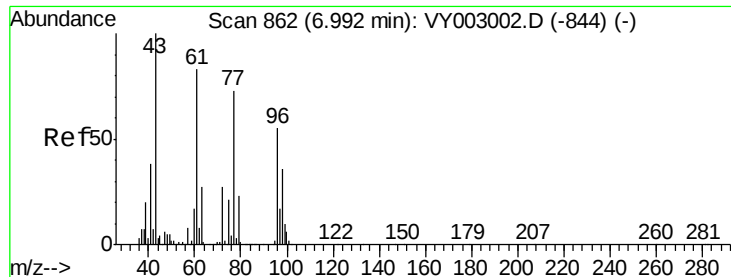


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0





#25

2-Butanone

Concen: 95.323 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 43 Resp: 186633

Ion Ratio Lower Upper

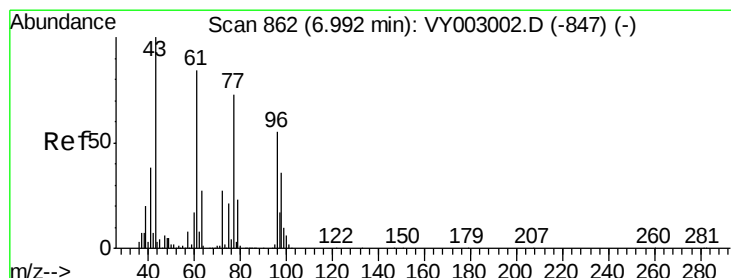
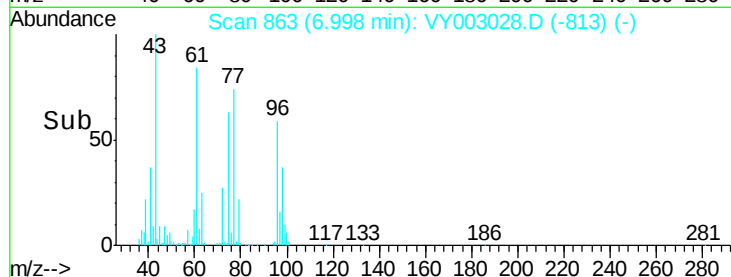
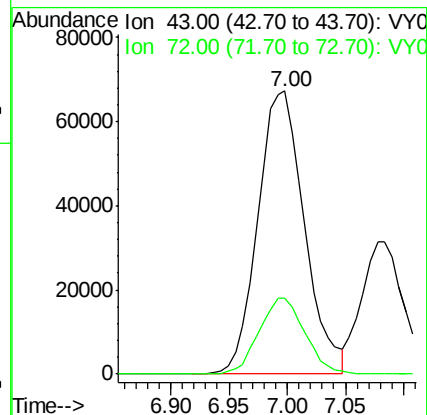
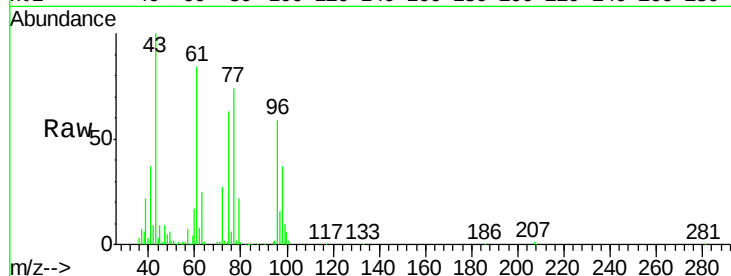
43 100

72 26.7 21.4 32.0

Manual Integrations
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#26

2,2-Dichloropropane

Concen: 19.536 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY003028.D

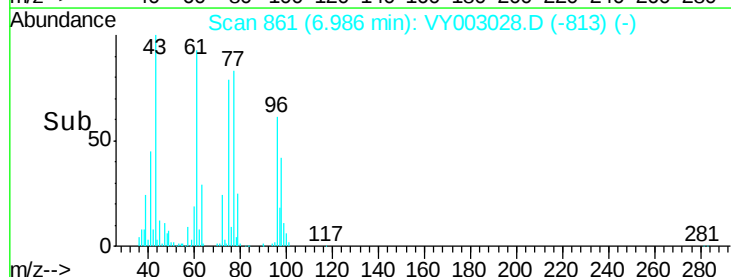
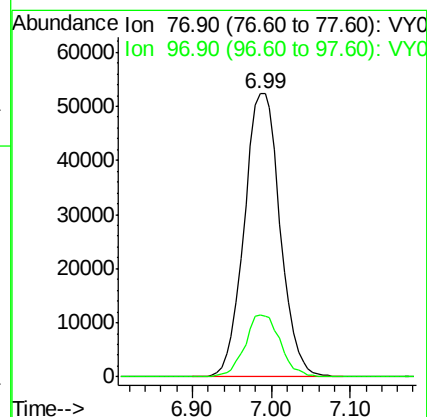
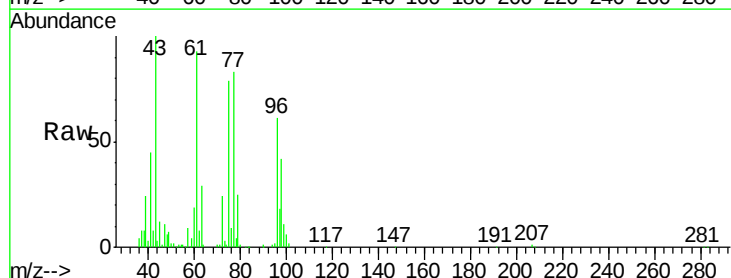
Acq: 30 Jun 2020 11:41

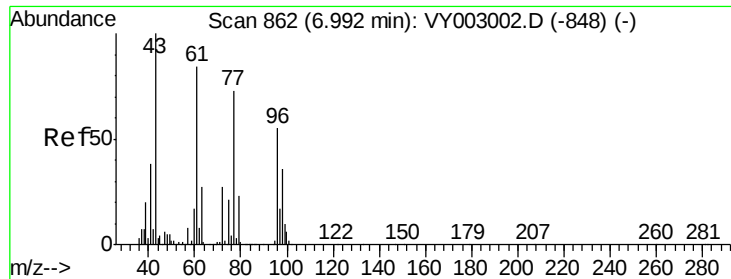
Tgt Ion: 77 Resp: 165606

Ion Ratio Lower Upper

77 100

97 21.5 11.3 33.9





#27

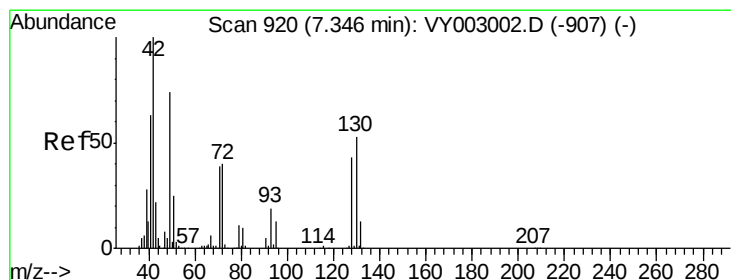
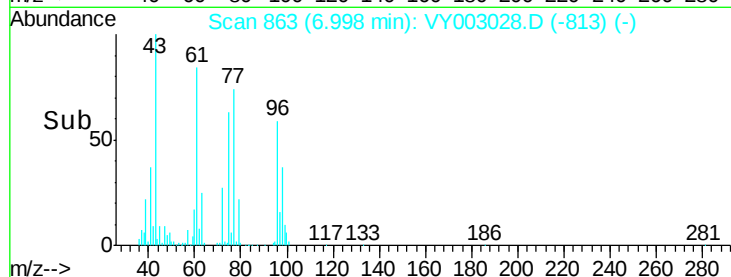
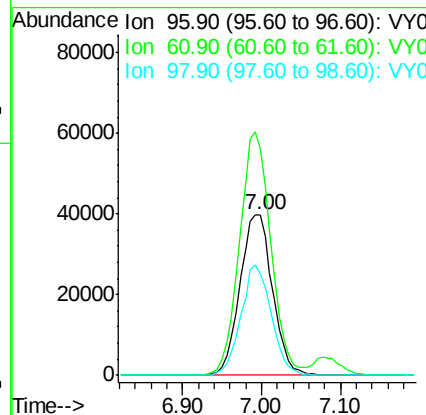
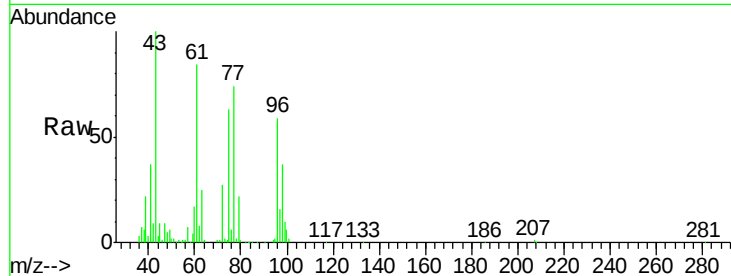
cis-1,2-Dichloroethene
Concen: 19.735 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	145.2	0.0	301.2	
98	64.1	0.0	129.0	

Manual Integrations
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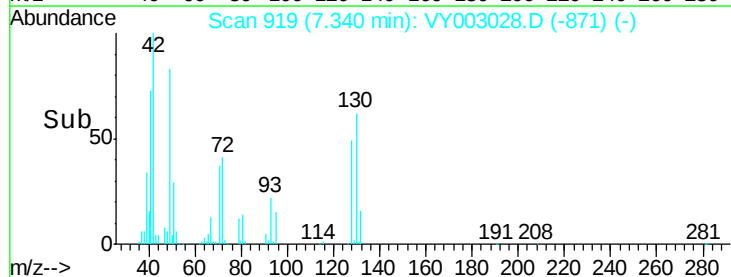
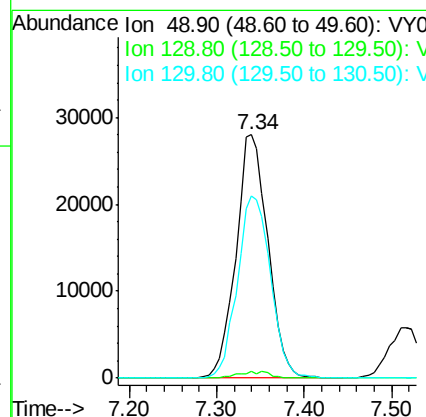
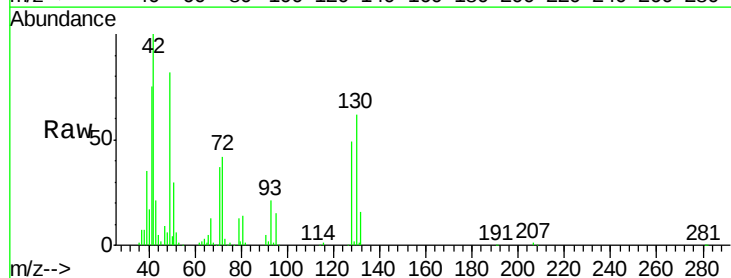
sam
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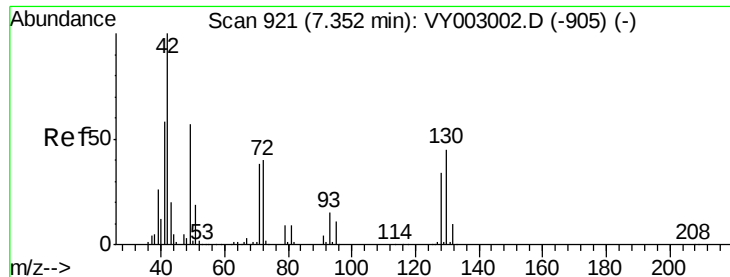


#28

Bromochloromethane
Concen: 17.154 ug/l
RT: 7.34 min Scan# 919
Delta R.T. -0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.6	0.0	4.4	
130	77.5	57.0	85.6	





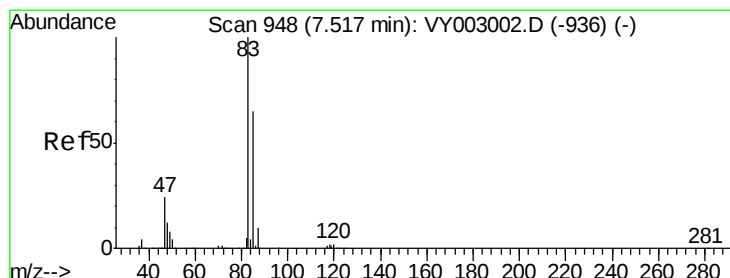
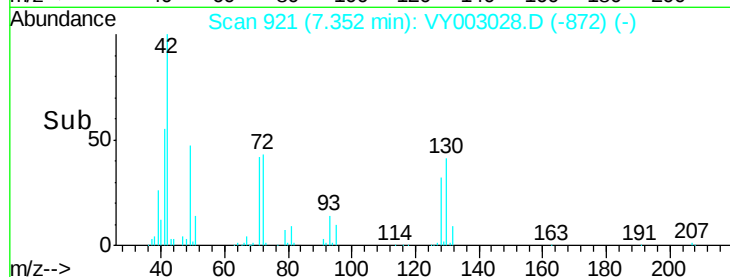
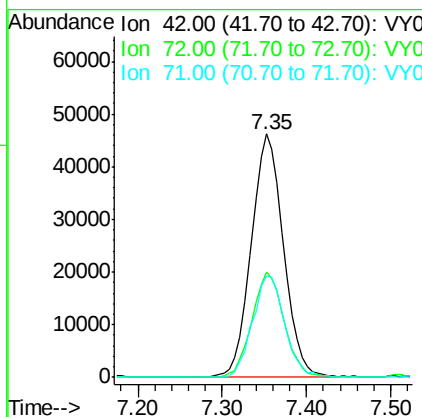
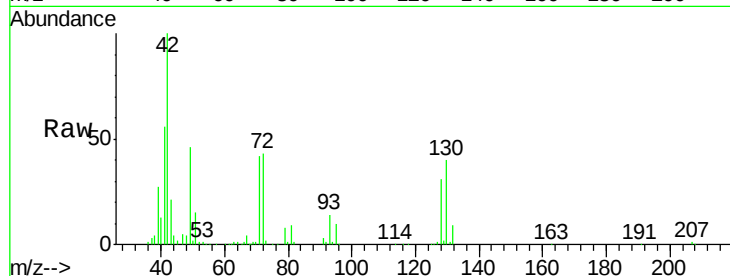
#29
Tetrahydrofuran
Concen: 92.678 ug/l
RT: 7.35 min Scan# 921
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	32.9	49.3
71	41.8	31.2	46.8

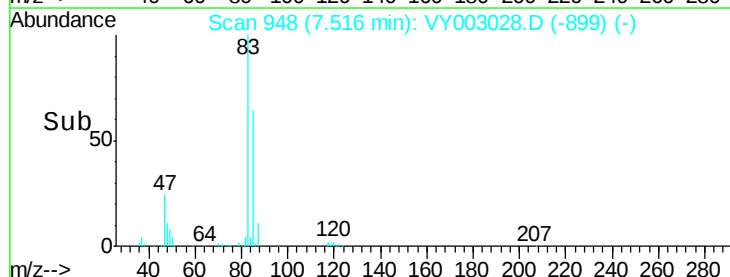
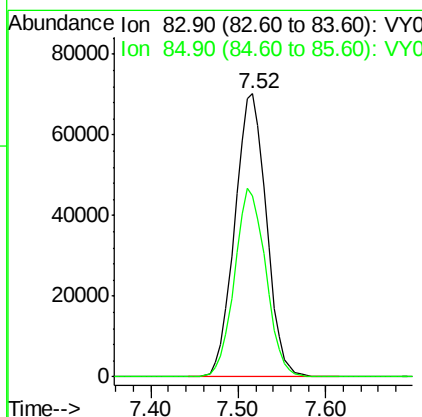
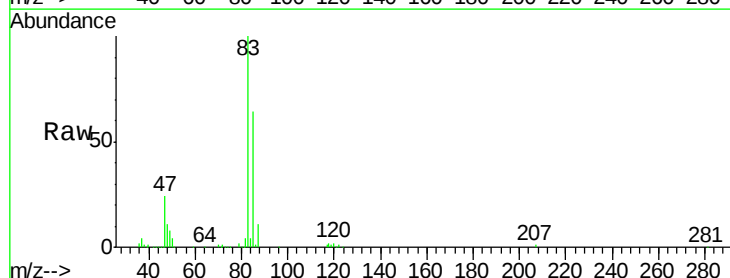
Manual Integrations
APPROVED

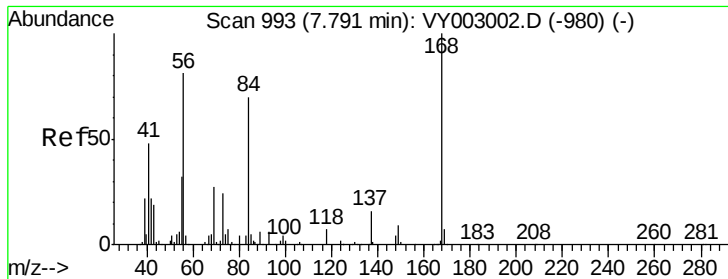
sam
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#30
Chloroform
Concen: 19.032 ug/l
RT: 7.52 min Scan# 948
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.7	77.5





#31

Cyclohexane

Concen: 18.412 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

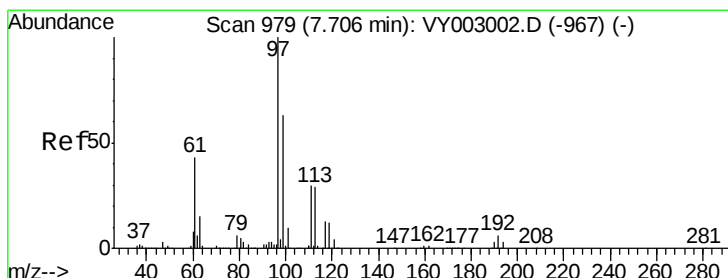
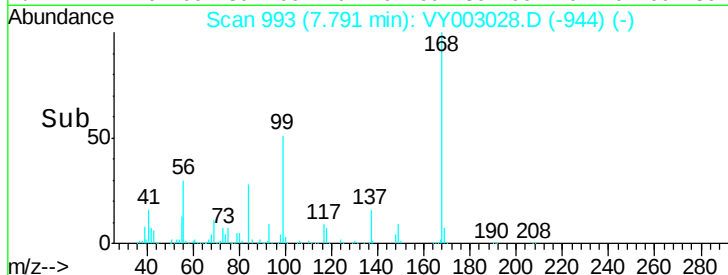
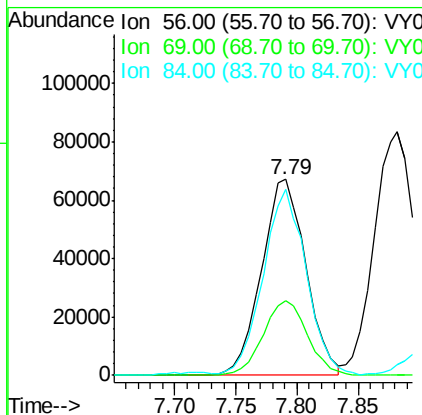
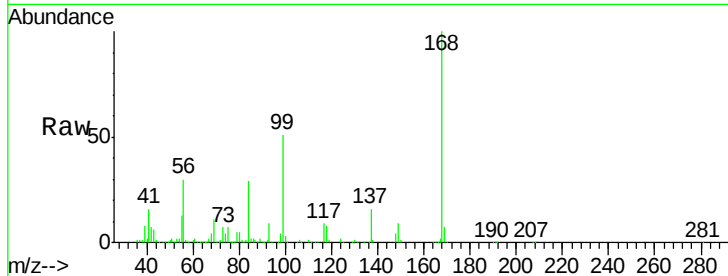
VY0630SBS01

Tot Ion:	56	Resp:	169234
Ion Ratio	Lower	Upper	
56	100		
69	38.2	27.0	40.4
84	93.4	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 19.278 ug/l

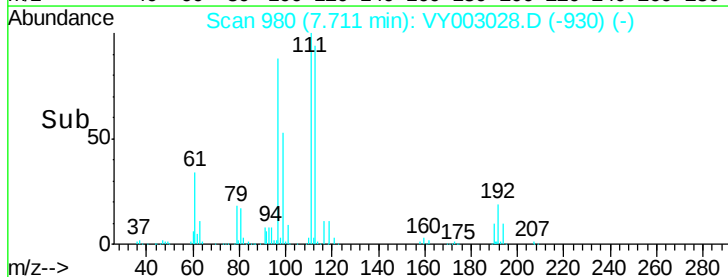
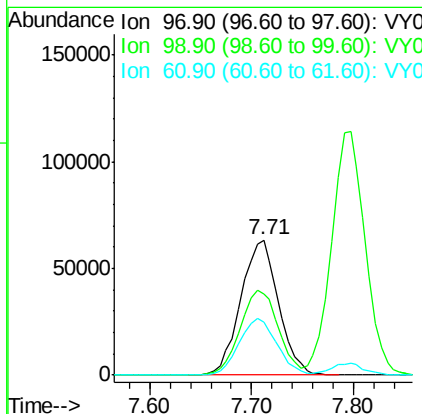
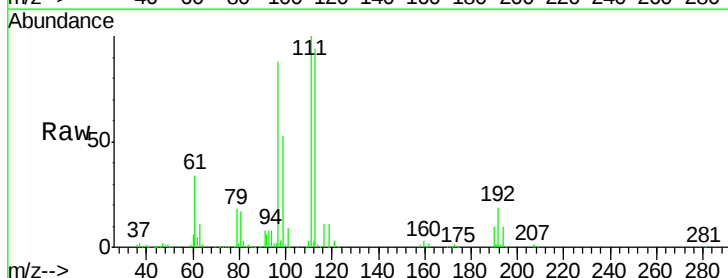
RT: 7.71 min Scan# 980

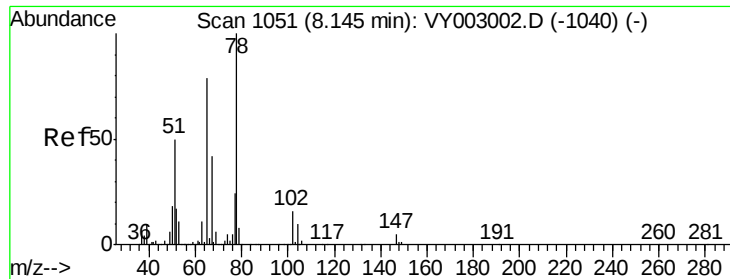
Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	97	Resp:	162651
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.4	77.2
61	41.9	33.9	50.9





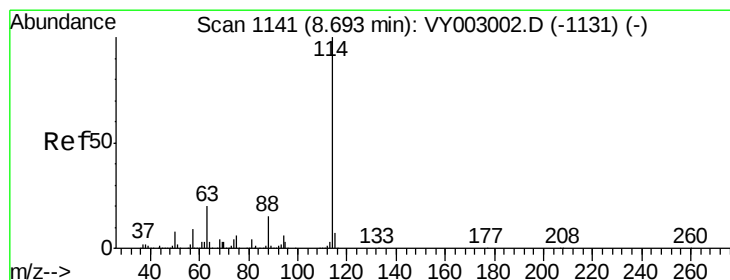
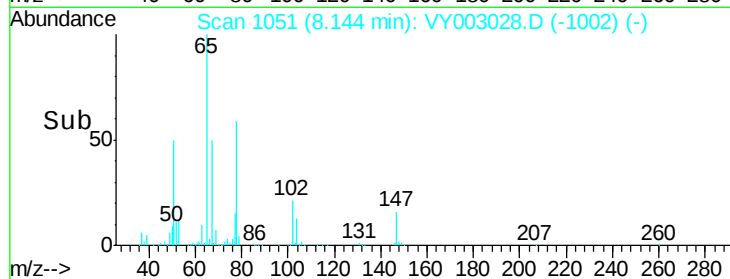
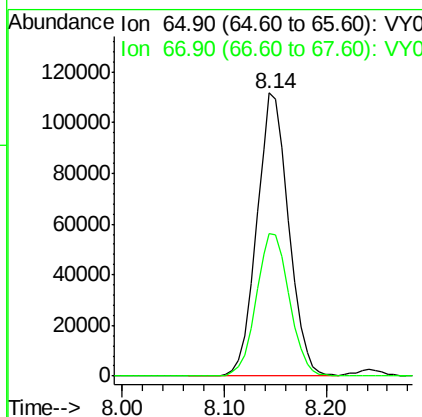
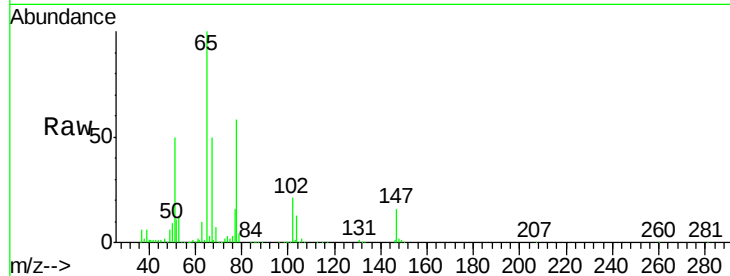
#33
 1,2-Dichloroethane-d4
 Concen: 46.388 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.6

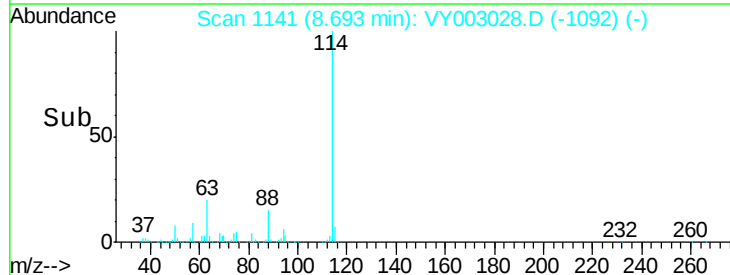
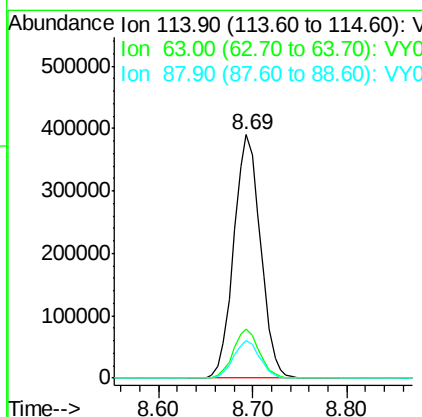
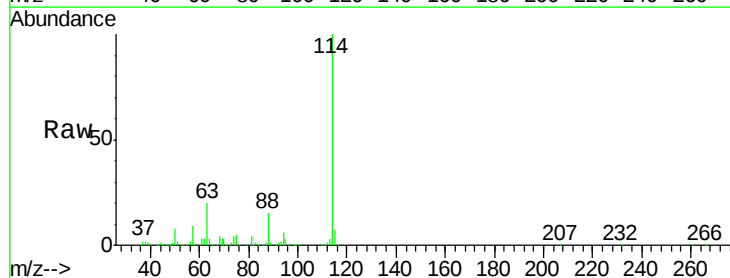
Manual Integrations
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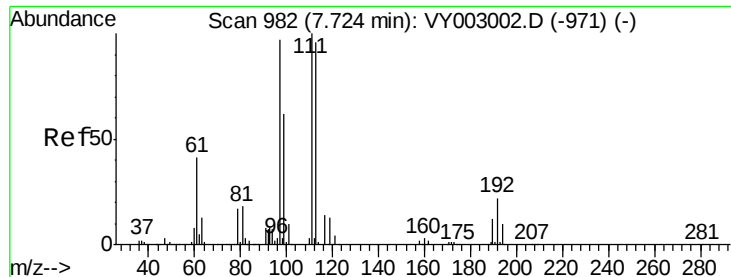
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.6
88	15.3	0.0	30.0





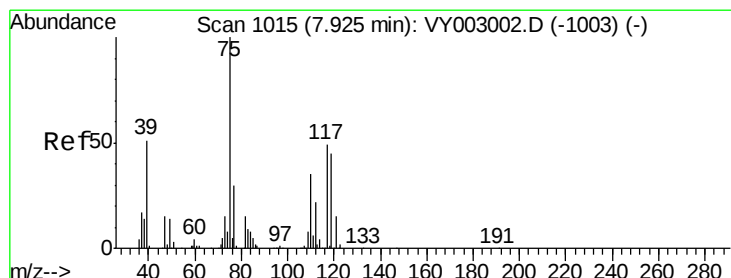
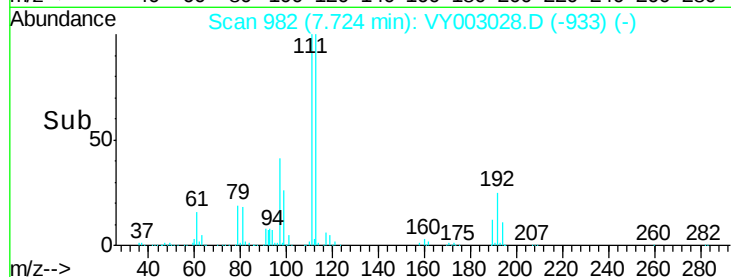
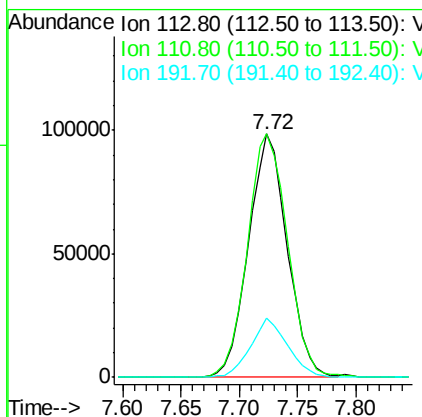
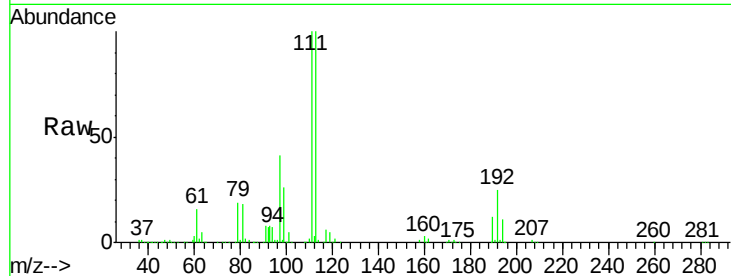
#35
Dibromofluoromethane
Concen: 47.501 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	227047		
111	104.0	82.6	123.8	
192	23.2	18.1	27.1	

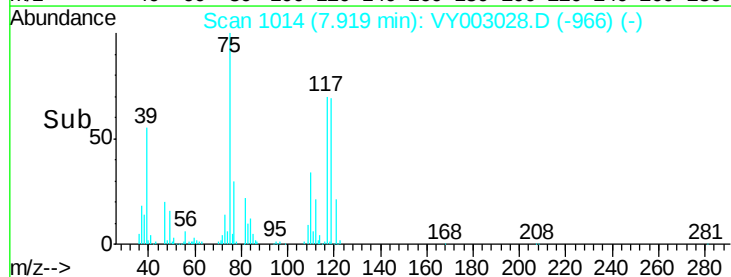
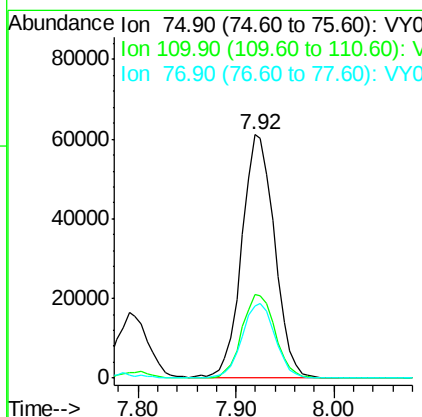
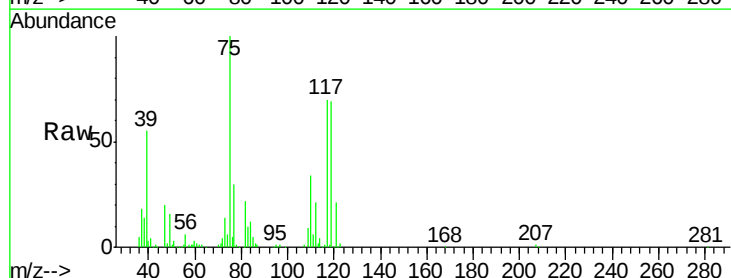
Manual Integrations
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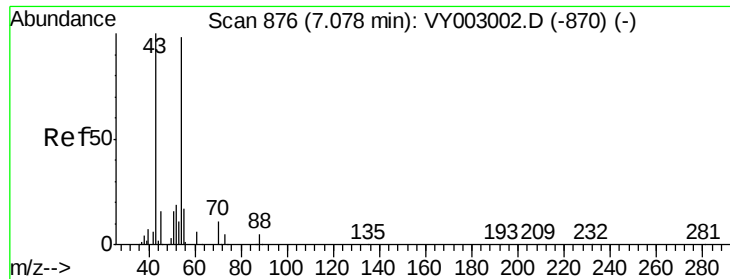
sam
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#36
1,1-Dichloropropene
Concen: 19.308 ug/l
RT: 7.92 min Scan# 1014
Delta R.T. -0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	142501		
110	34.8	17.1	51.2	
77	31.2	24.9	37.3	





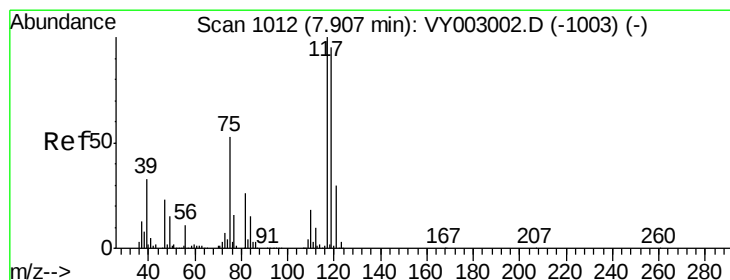
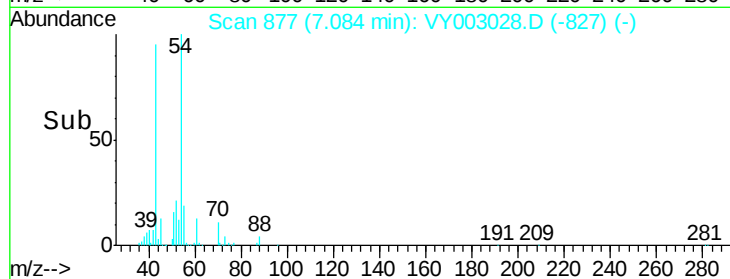
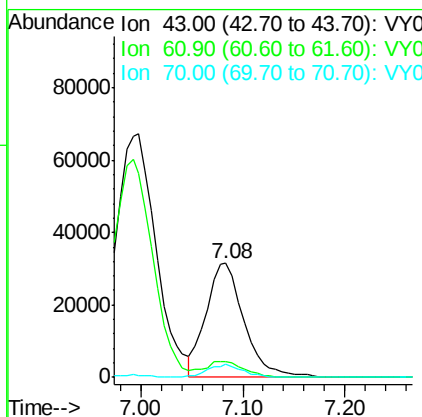
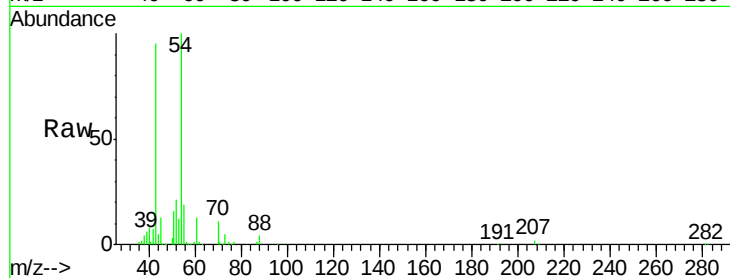
#37
Ethyl Acetate
Concen: 18.316 ug/l
RT: 7.08 min Scan# 877
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.4	15.6
70	10.7	7.7	11.5

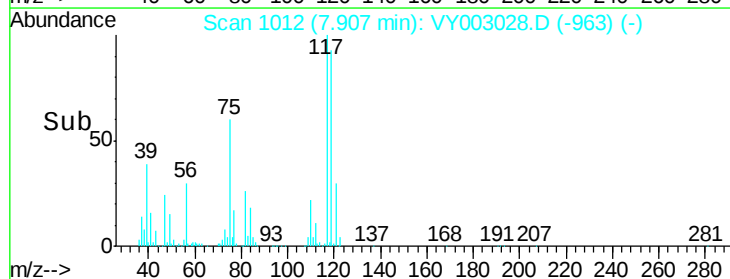
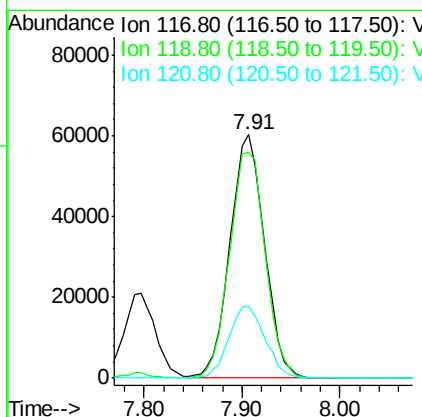
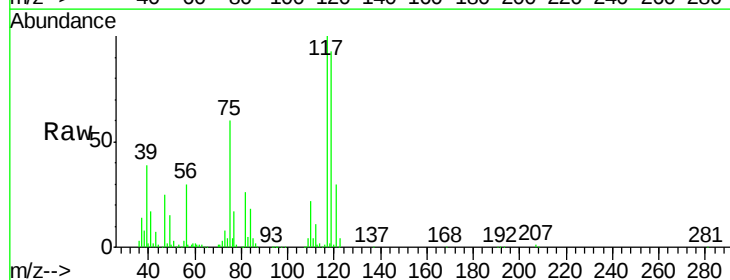
Manual Integrations
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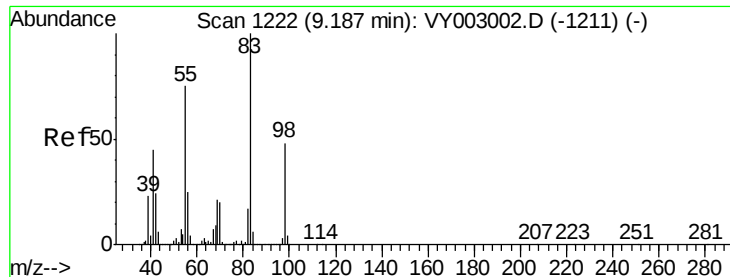
sam
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#38
Carbon Tetrachloride
Concen: 19.227 ug/l
RT: 7.91 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	75.7	113.5
121	29.7	23.9	35.9





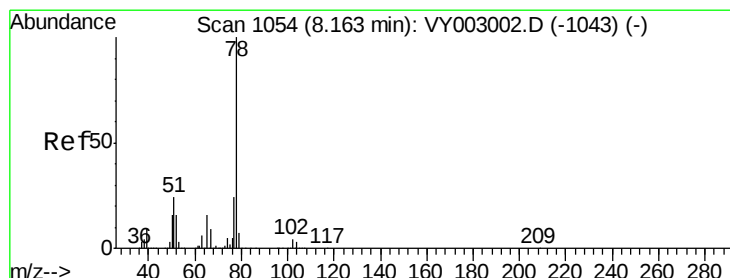
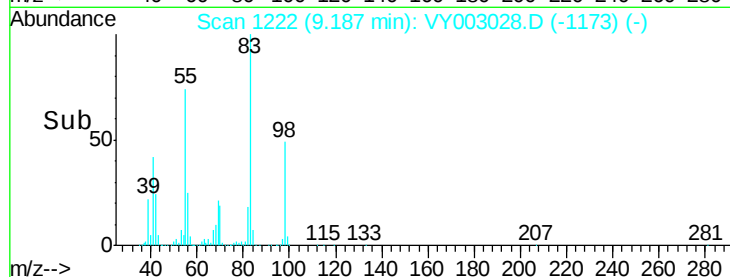
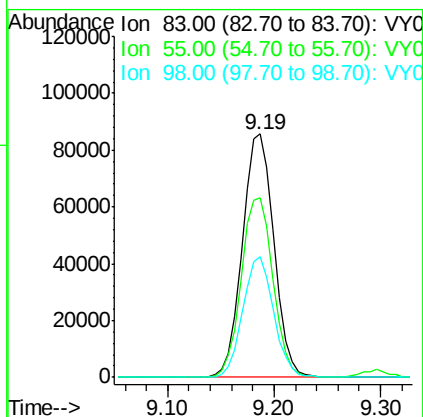
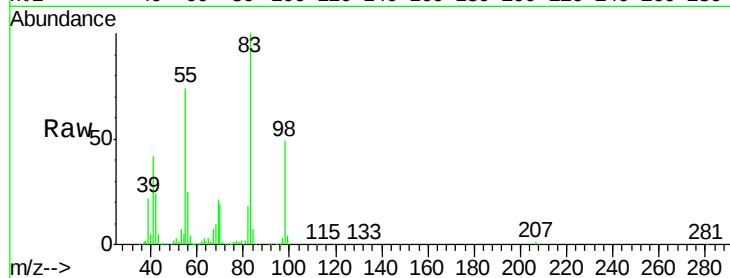
#39
Methvlcvclohexane
Concen: 19.530 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	178716		
55	73.9	59.9	89.9	
98	49.4	38.7	58.1	

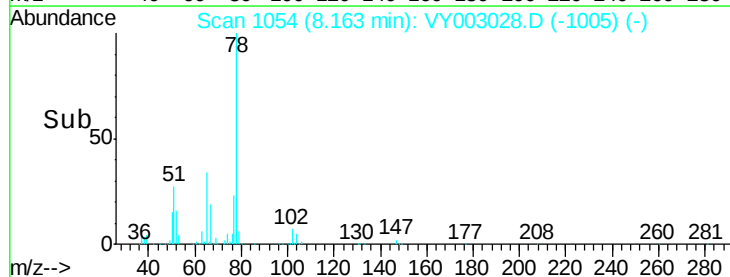
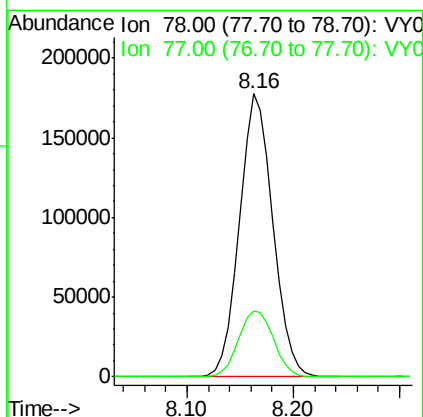
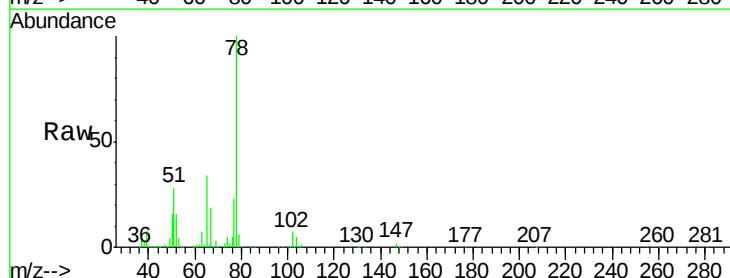
Manual Integrations
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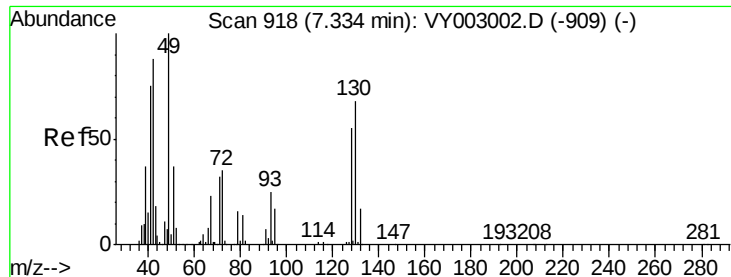
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#40
Benzene
Concen: 19.331 ug/l
RT: 8.16 min Scan# 1054
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	390603		
77	23.1	19.2	28.8	





#41

Methacrylonitrile

Concen: 17.838 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 41 Resp: 42285

Ion Ratio Lower Upper

41 100

39 63.6 85.7 128.5#

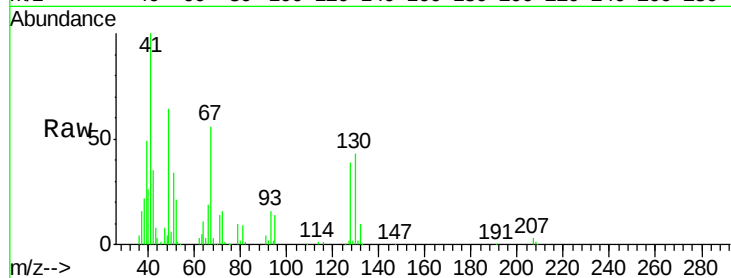
67 0.0 0.0 0.0

52 0.0 0.0 0.0

Manual Integrations
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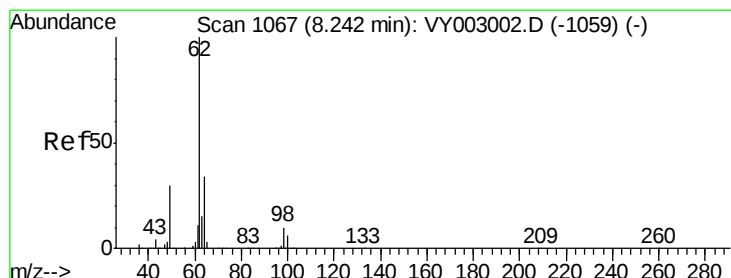
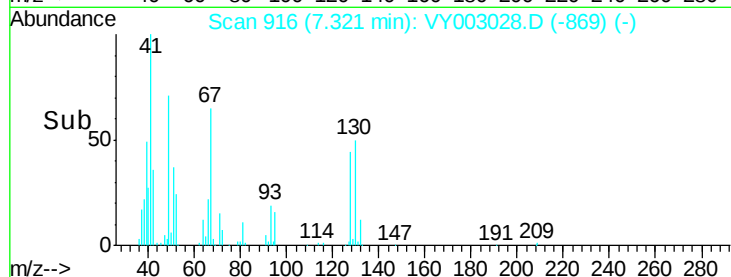
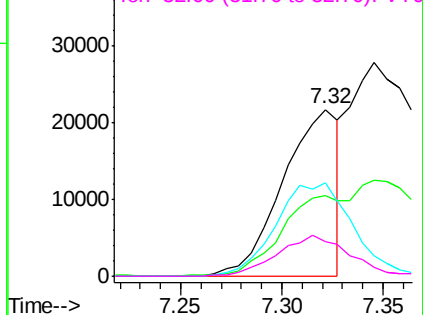


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 19.242 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VY003028.D

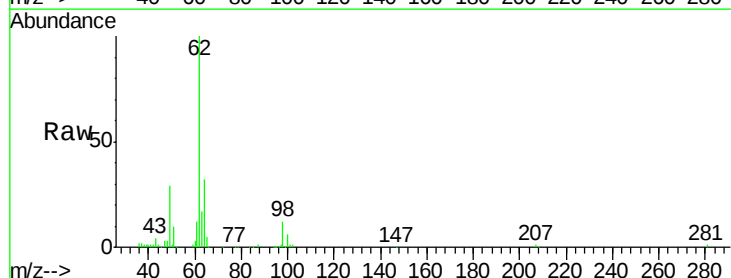
Acq: 30 Jun 2020 11:41

Tgt Ion: 62 Resp: 122999

Ion Ratio Lower Upper

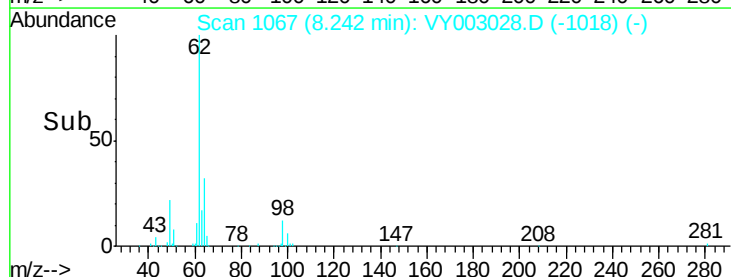
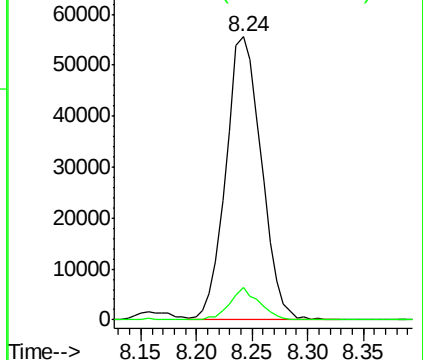
62 100

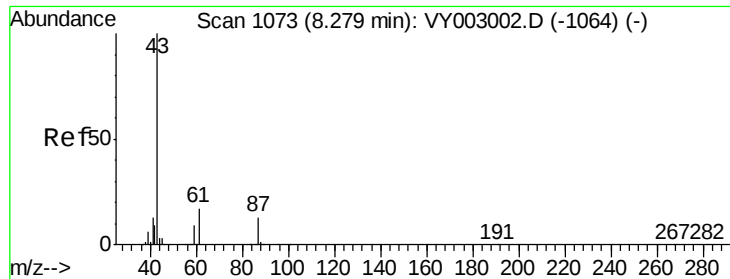
98 9.6 0.0 19.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





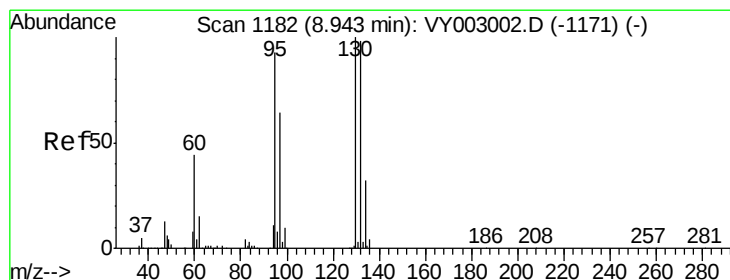
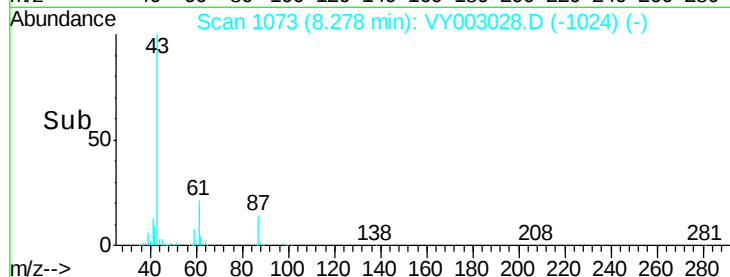
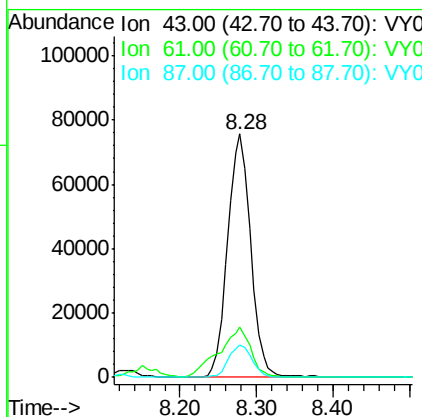
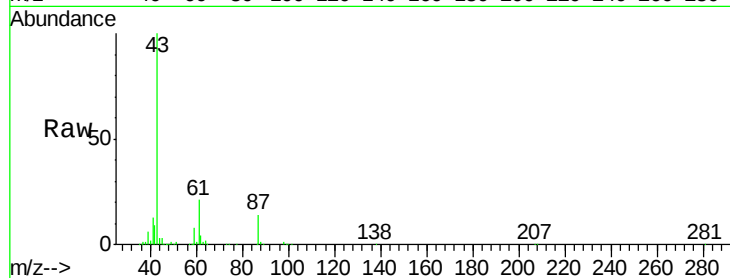
#43
Isopropyl Acetate
Concen: 18.768 ug/l
RT: 8.28 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	28.5	21.8	32.6
87	13.4	10.1	15.1

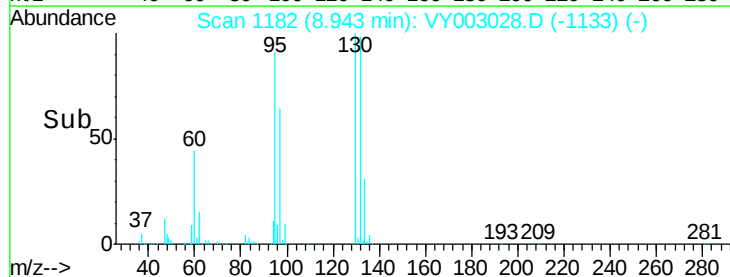
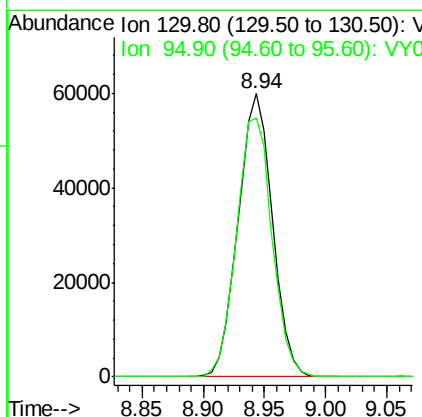
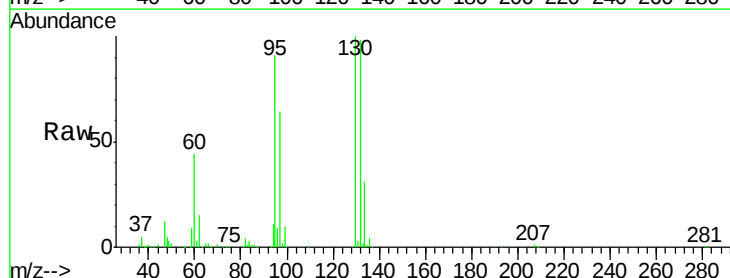
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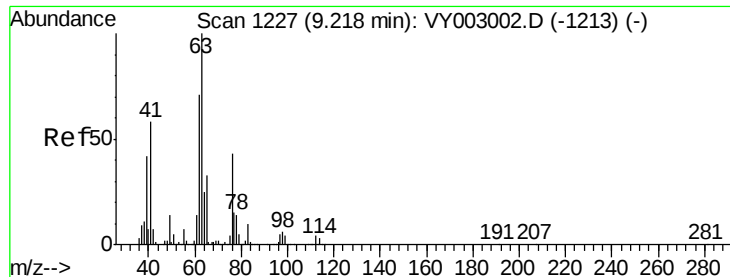
Sam
7/1/2020 10:11:07 PM



#44
Trichloroethene
Concen: 19.840 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.4	0.0	186.4





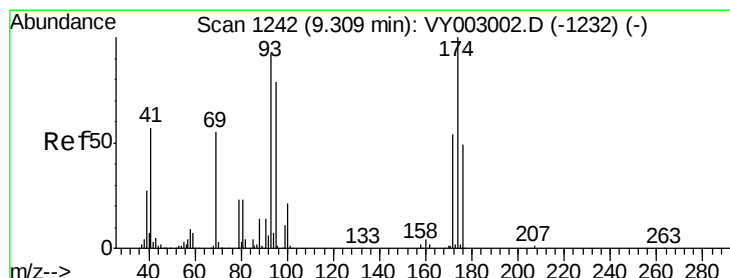
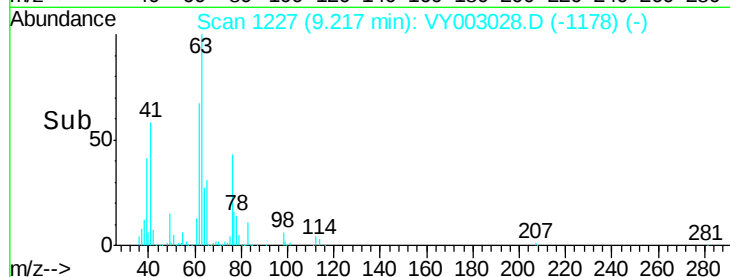
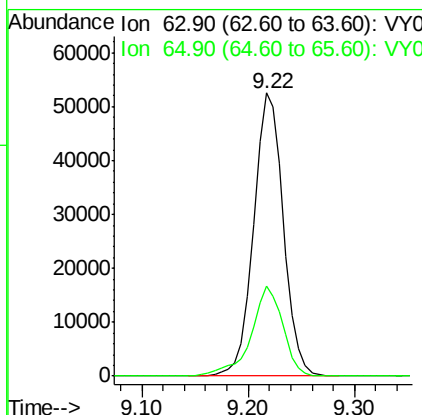
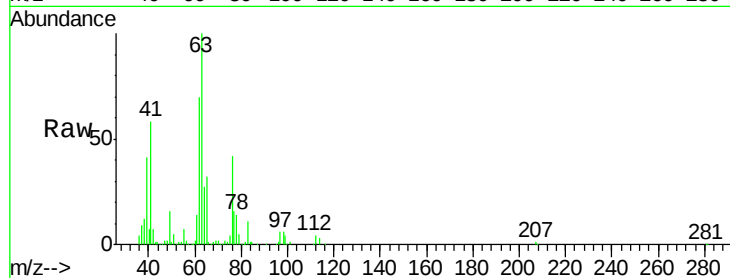
#45
 1,2-Dichloropropane
 Concen: 18.922 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.7	26.2	39.4

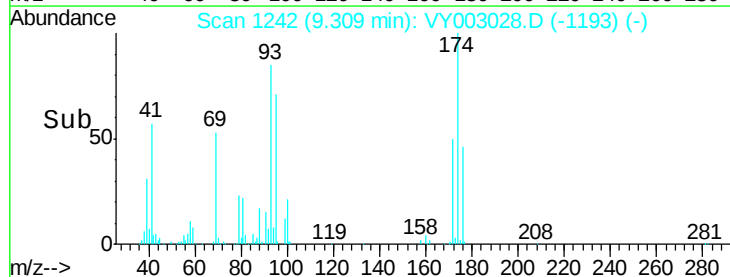
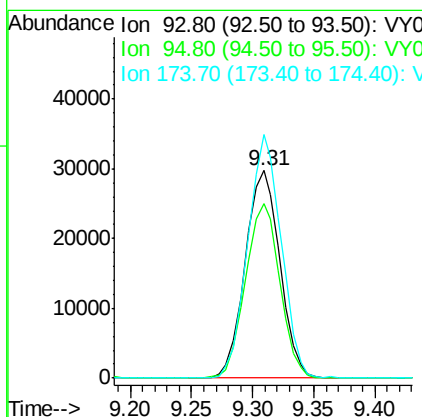
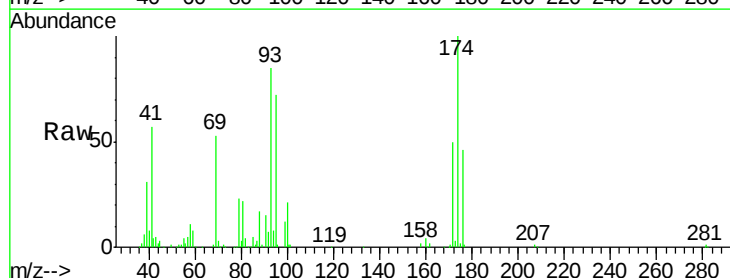
Manual Integrations
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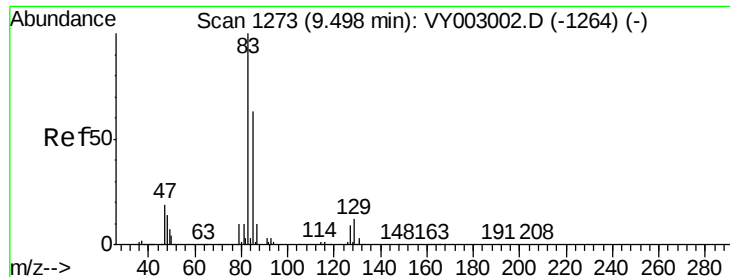
Sam
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#46
 Dibromomethane
 Concen: 19.342 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	67.6	101.4
174	113.3	88.3	132.5





#47

Bromodichloromethane

Concen: 19.250 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

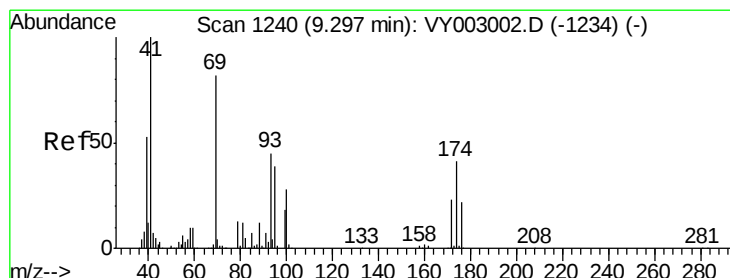
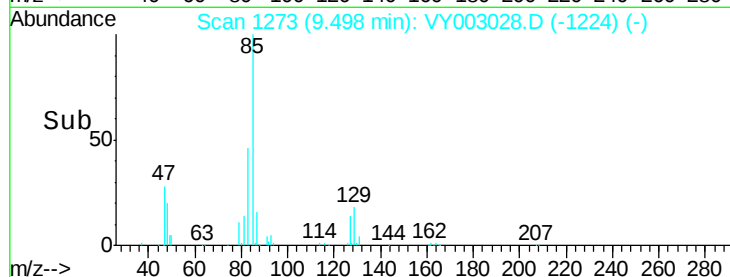
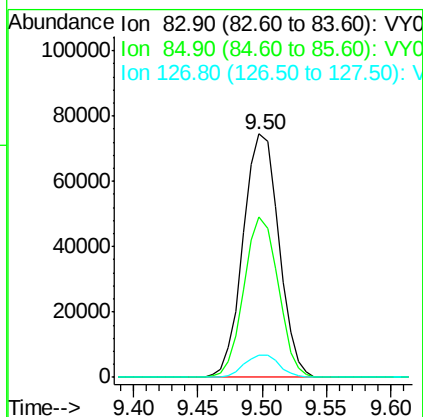
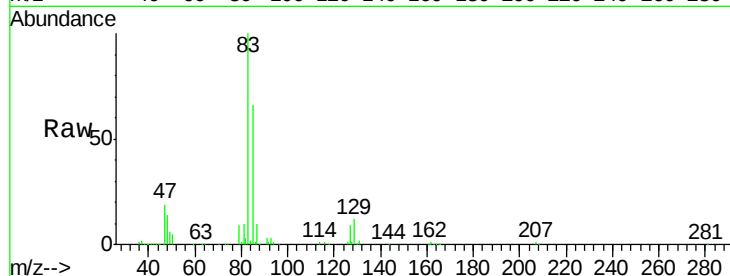
ClientSampleId :

VY0630SBS01

Tot Ion:	83	Resp:	143113
Ion Ratio	Lower	Upper	
83	100		
85	65.9	50.5	75.7
127	8.9	7.0	10.4

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.920 ug/l

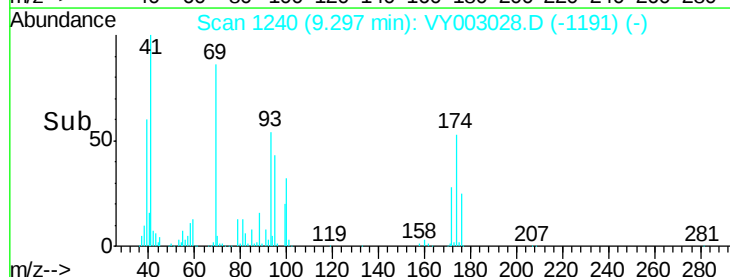
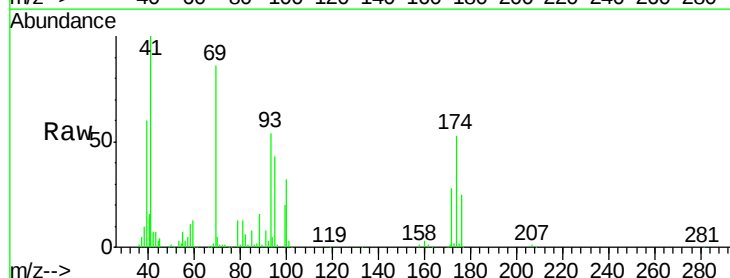
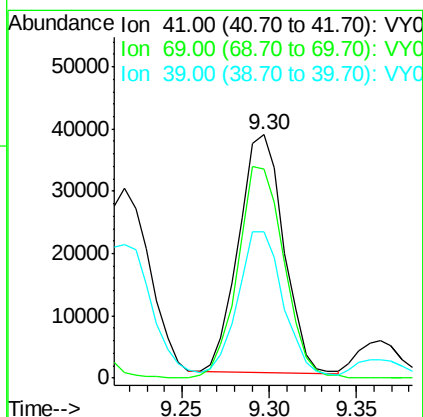
RT: 9.30 min Scan# 1240

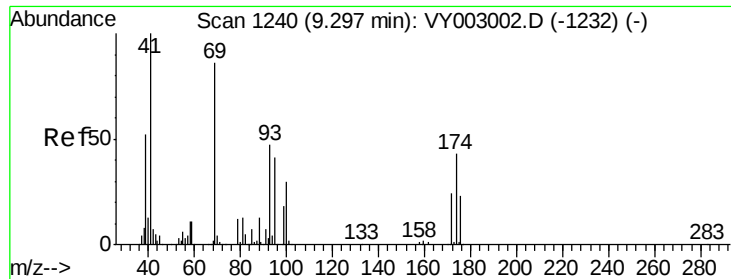
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	41	Resp:	68812
Ion Ratio	Lower	Upper	
41	100		
69	90.9	67.7	101.5
39	62.6	45.0	67.4





#49

1,4-Dioxane

Concen: 430.404 ug/l

RT: 9.30 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

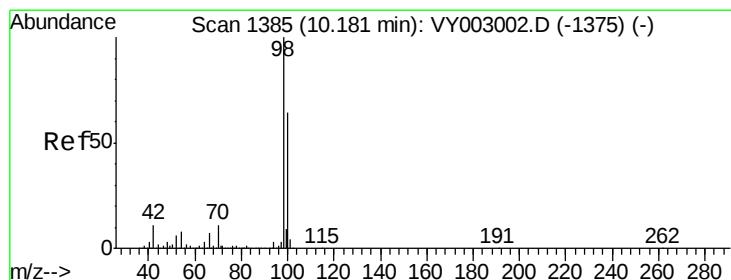
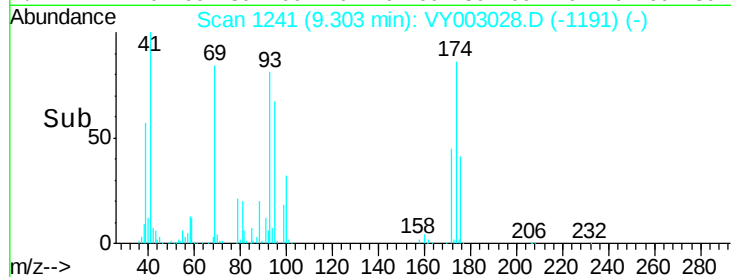
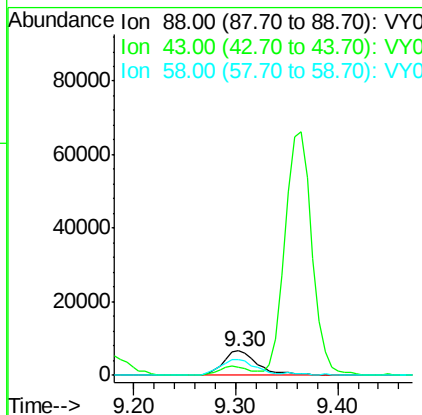
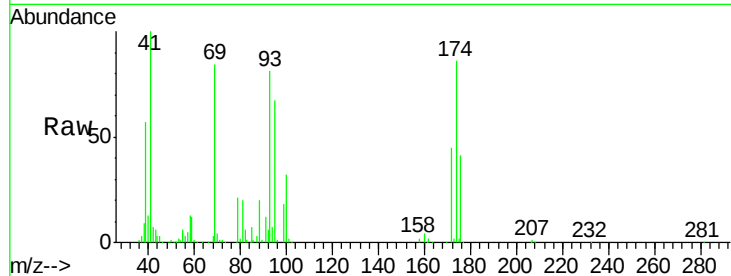
ClientSampleId :

VY0630SBS01

Tot Ion	88	Resp	15952
Ion	Ratio	Lower	Upper
88	100		
43	33.0	28.6	42.8
58	66.1	56.7	85.1

Manual Integrations
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#50

Toluene-d8

Concen: 47.774 ug/l

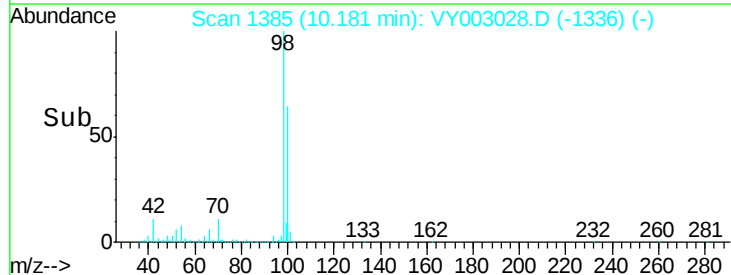
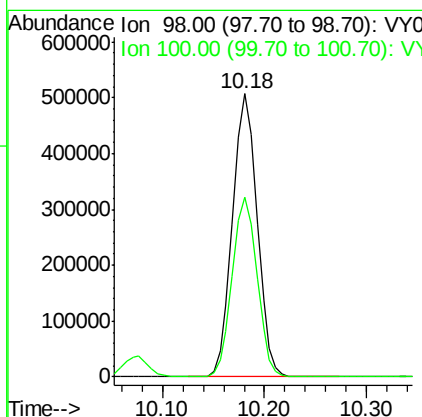
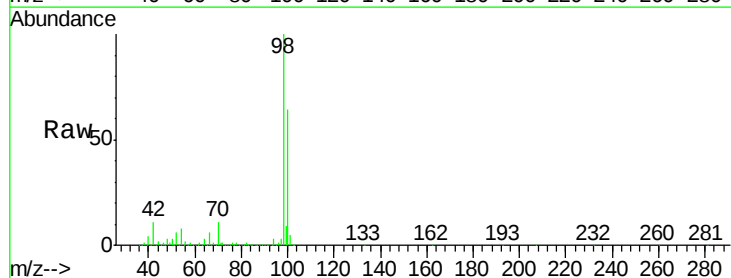
RT: 10.18 min Scan# 1385

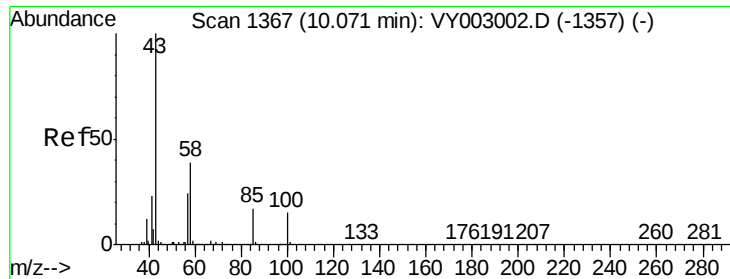
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion	98	Resp	850709
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.1	76.7





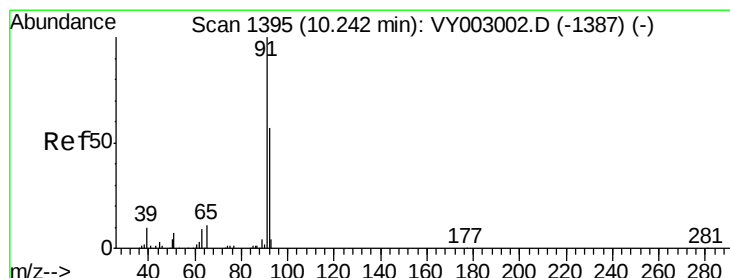
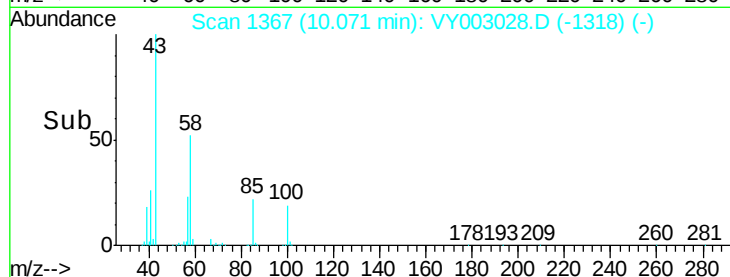
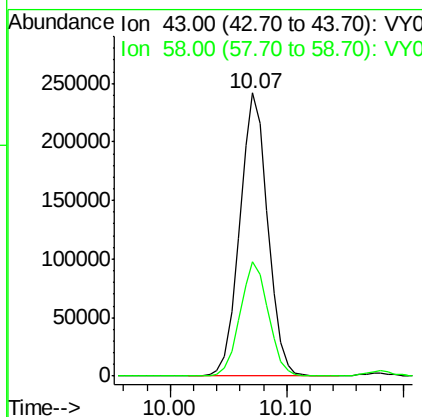
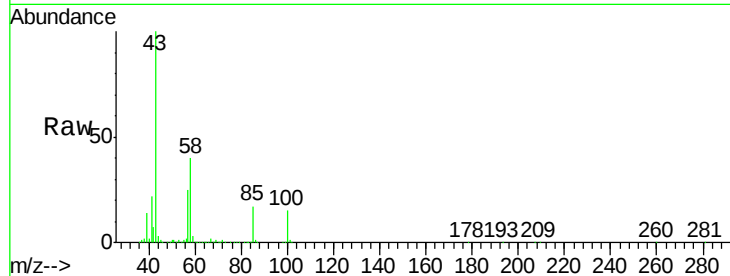
#51
4-Methyl-2-Pentanone
Concen: 93.049 ug/l
RT: 10.07 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.7	31.1	46.7

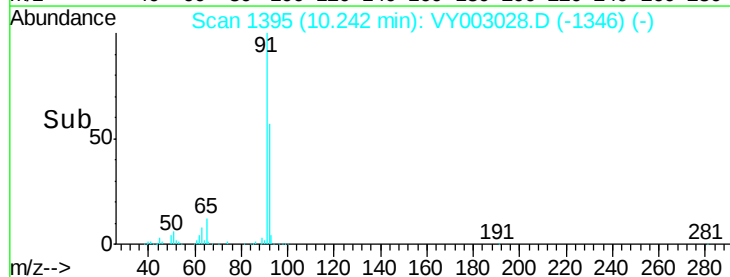
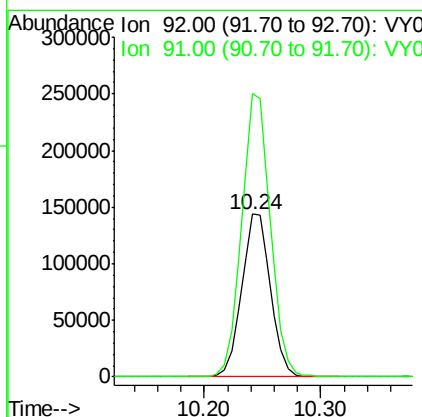
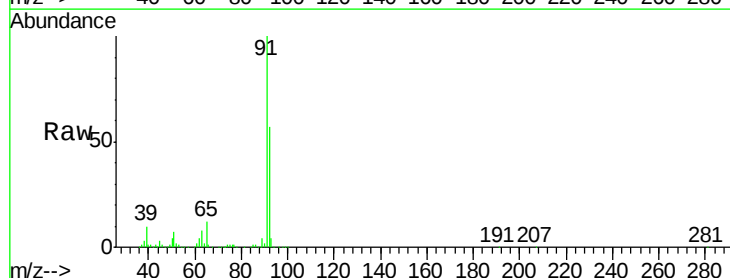
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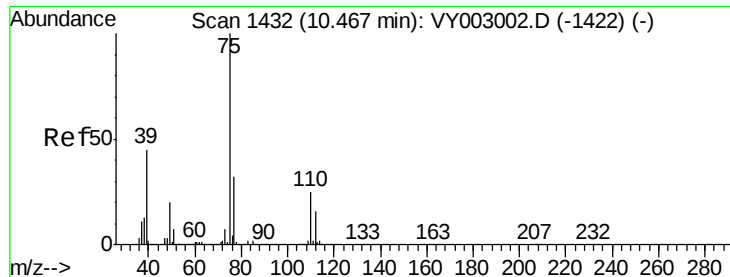
Sam
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#52
Toluene
Concen: 19.471 ug/l
RT: 10.24 min Scan# 1395
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
92	100		
91	173.3	139.6	209.4





#53

t-1,3-Dichloropropene

Concen: 19.001 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 75 Resp: 148101

Ion Ratio Lower Upper

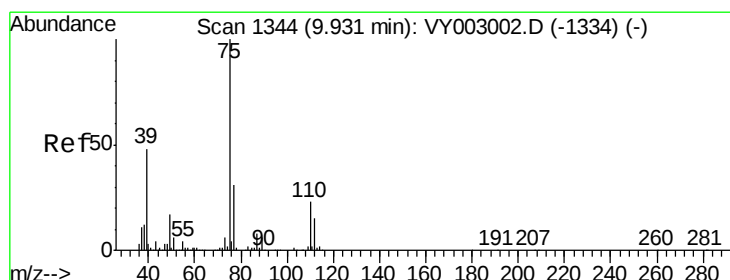
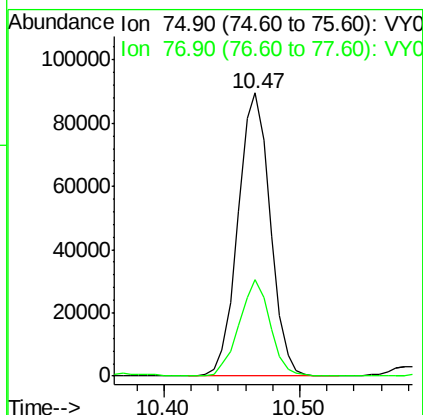
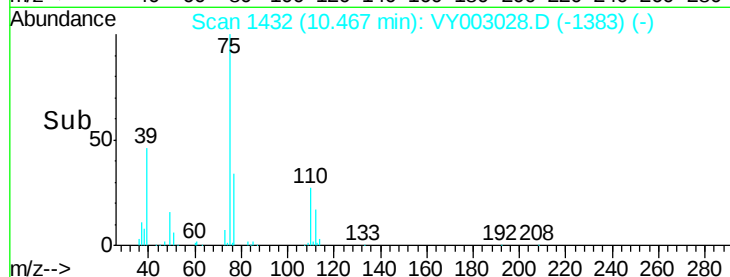
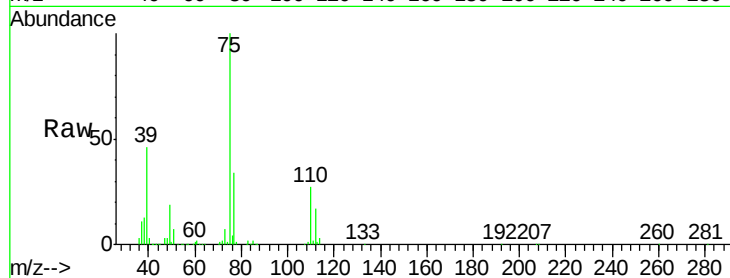
75 100

77 34.0 25.9 38.9

Manual Integrations
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#54

cis-1,3-Dichloropropene

Concen: 19.023 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

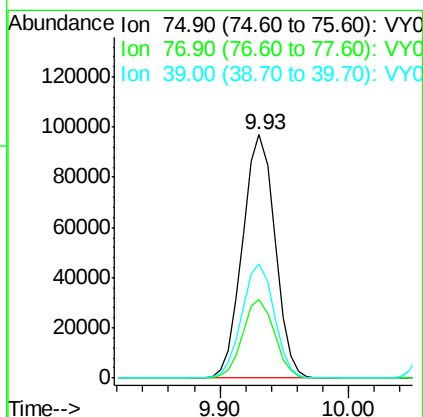
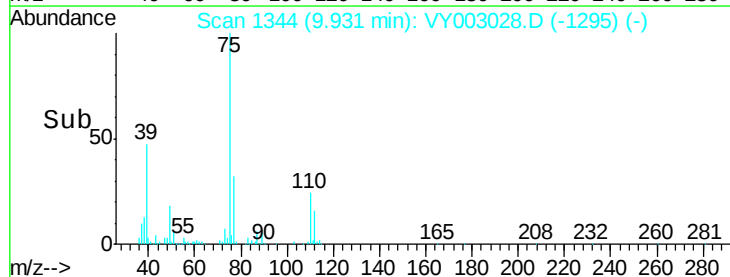
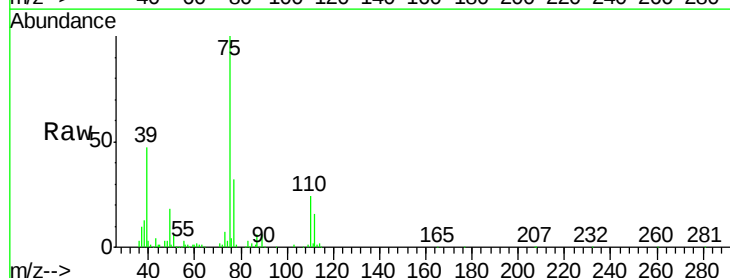
Tgt Ion: 75 Resp: 169576

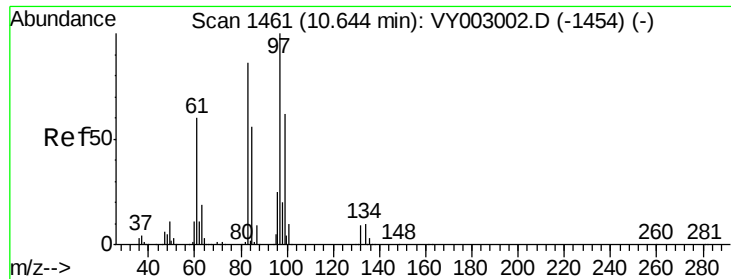
Ion Ratio Lower Upper

75 100

77 32.0 24.6 37.0

39 46.8 38.3 57.5





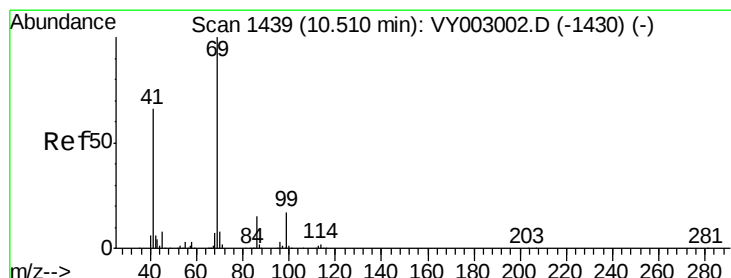
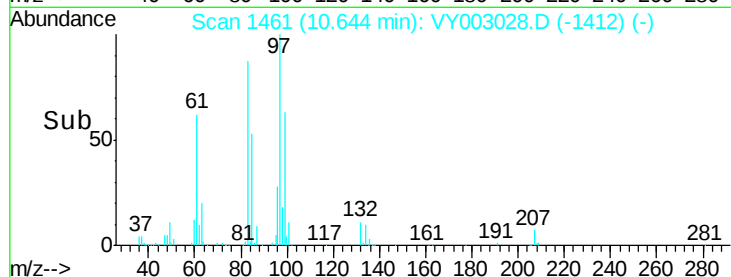
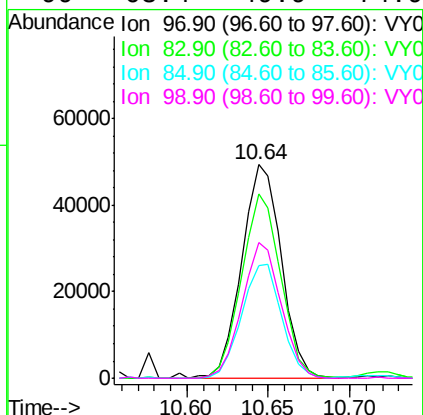
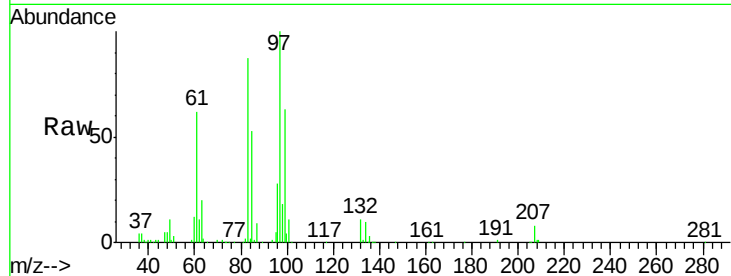
#55
 1,1,2-Trichloroethane
 Concen: 19.762 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion:	97	Resp:	83378
Ion	Ratio	Lower	Upper
97	100		
83	86.4	69.0	103.6
85	52.8	44.8	67.2
99	63.4	49.9	74.9

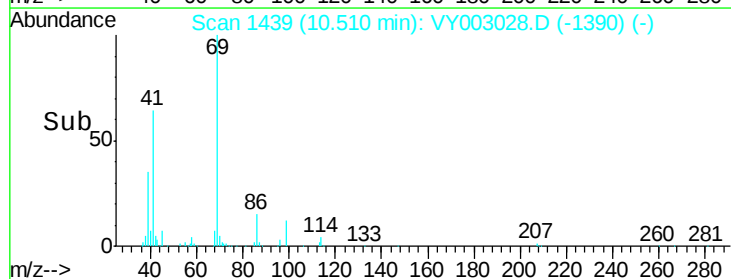
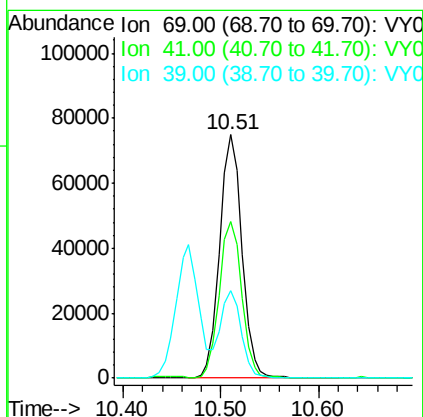
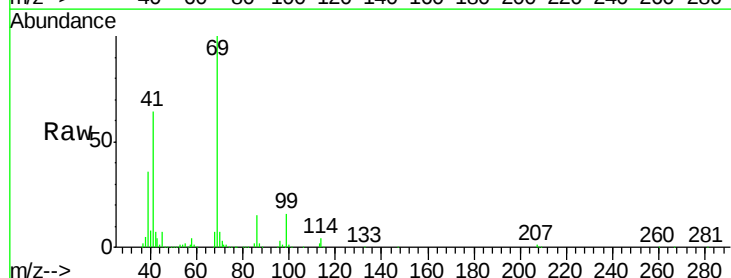
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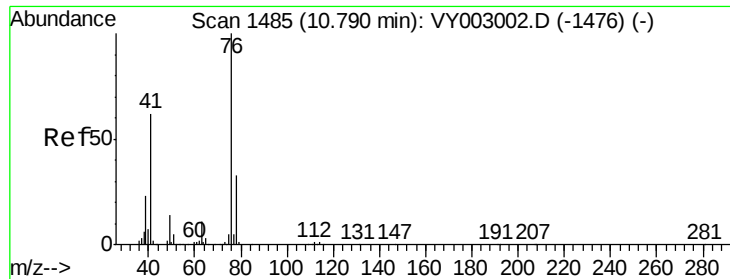
sam
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#56
 Ethyl methacrylate
 Concen: 19.456 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion:	69	Resp:	118822
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.7	80.5
39	32.9	28.3	42.5





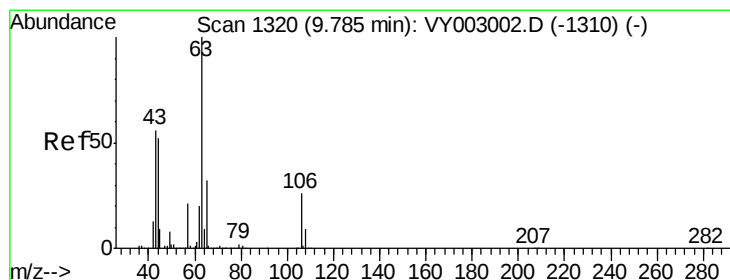
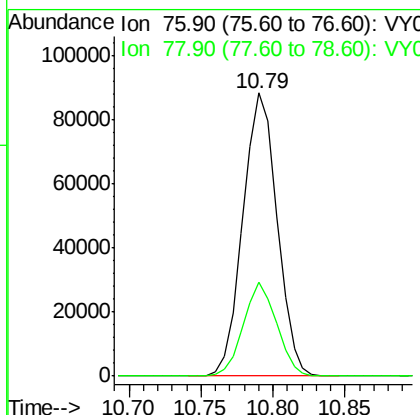
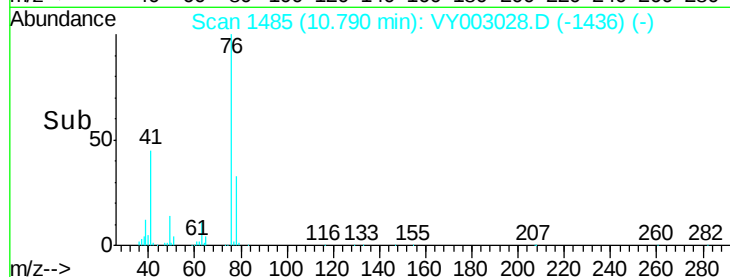
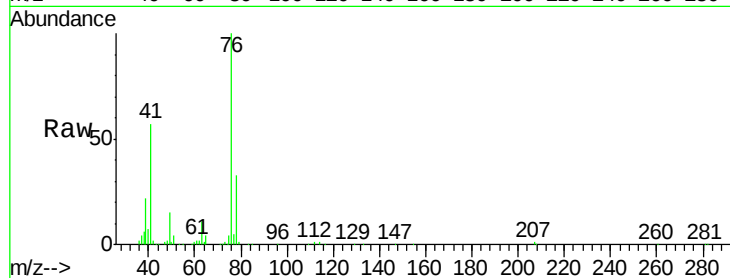
#57
 1,3-Dichloropropane
 Concen: 19.622 ug/l
 RT: 10.79 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion: 76 Resp: 145334
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.0 39.0

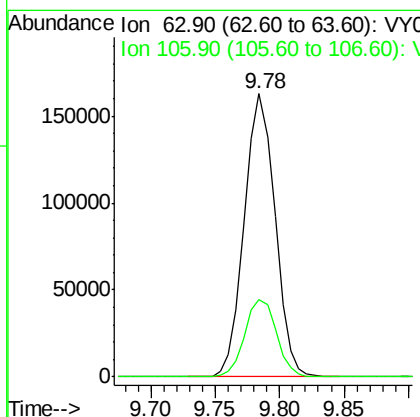
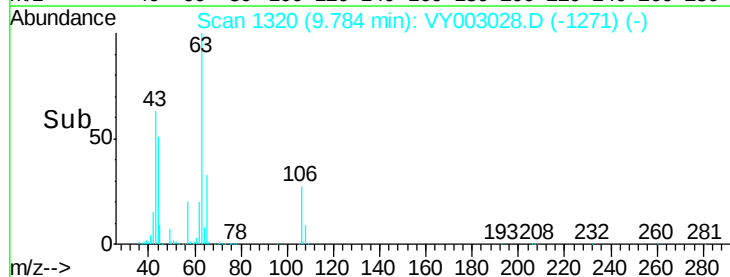
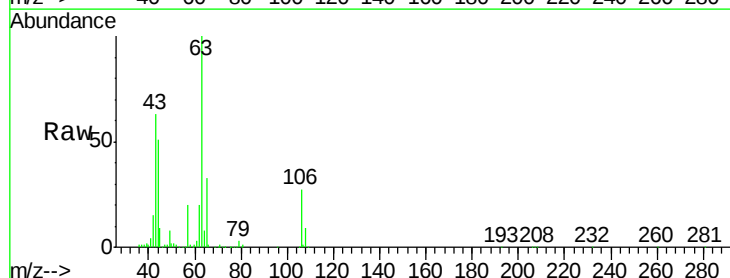
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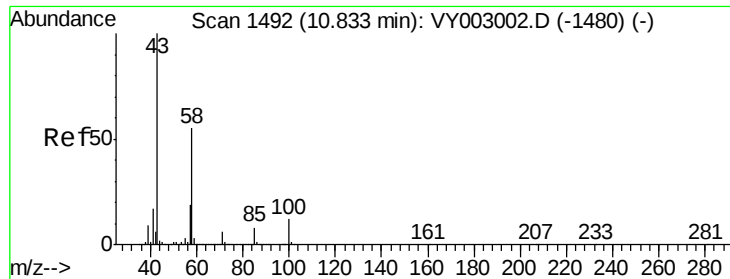
sam
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#58
 2-Chloroethyl Vinyl ether
 Concen: 85.895 ug/l
 RT: 9.78 min Scan# 1320
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion: 63 Resp: 269048
 Ion Ratio Lower Upper
 63 100
 106 28.1 21.5 32.3





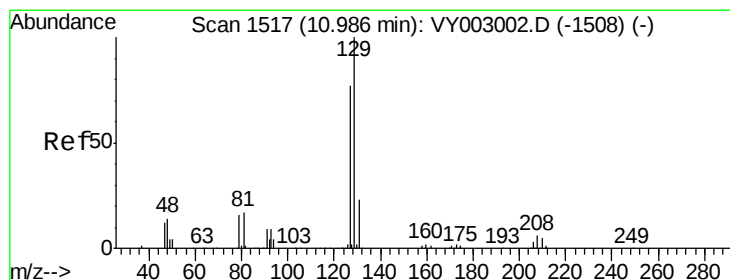
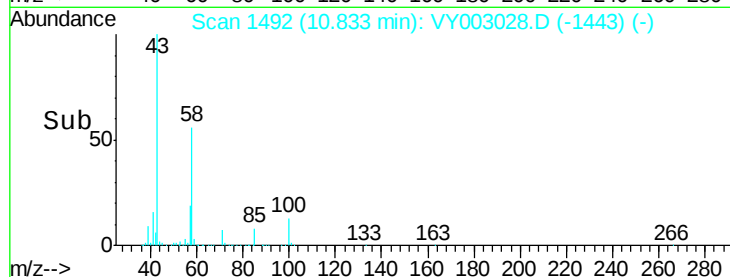
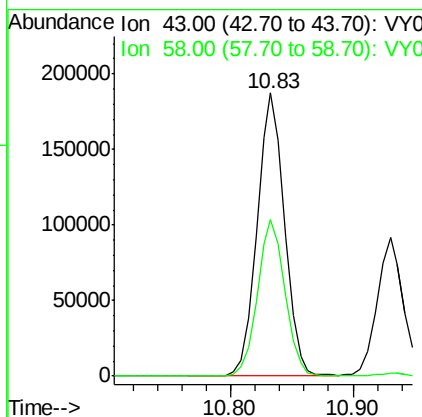
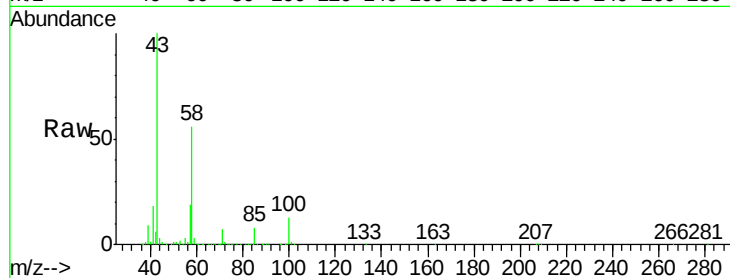
#59
2-Hexanone
Concen: 95.932 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 43 Resp: 292371
Ion Ratio Lower Upper
43 100
58 55.5 27.5 82.4

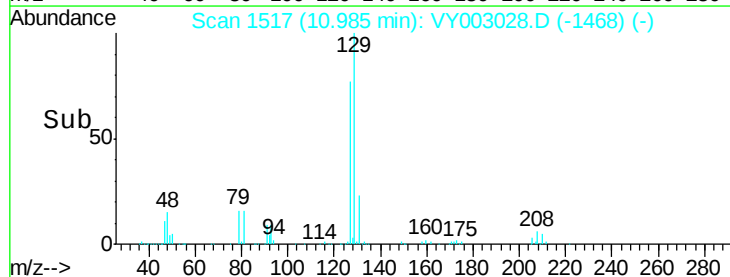
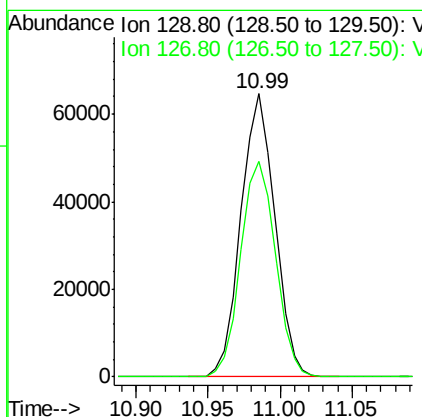
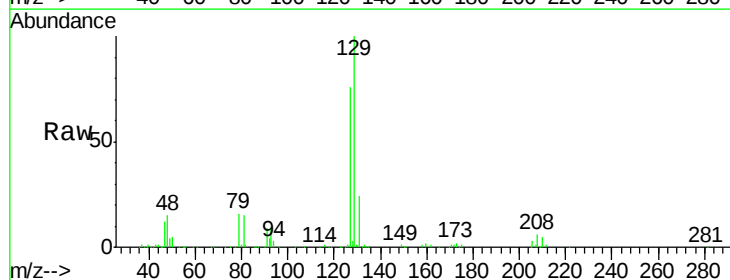
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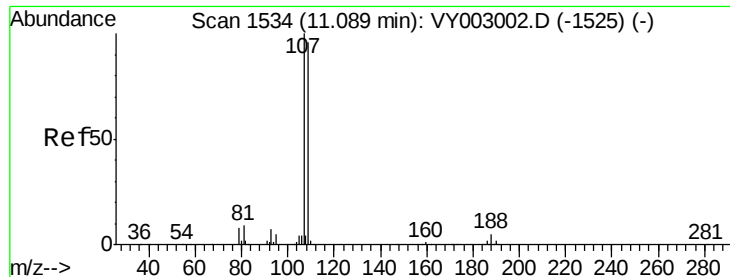
Sam
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#60
Dibromochloromethane
Concen: 19.608 ug/l
RT: 10.99 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 129 Resp: 105868
Ion Ratio Lower Upper
129 100
127 77.9 39.1 117.3





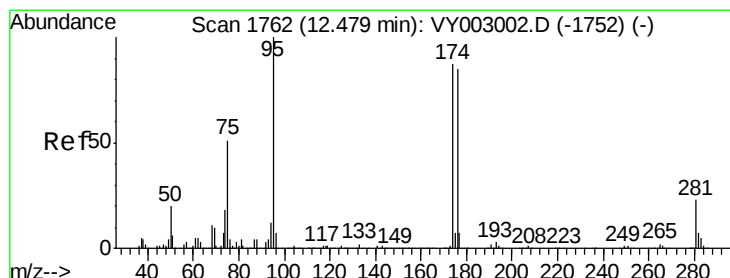
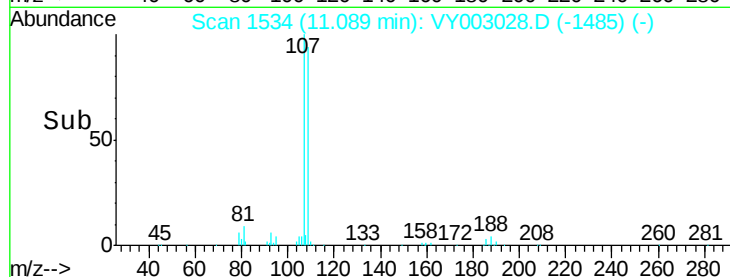
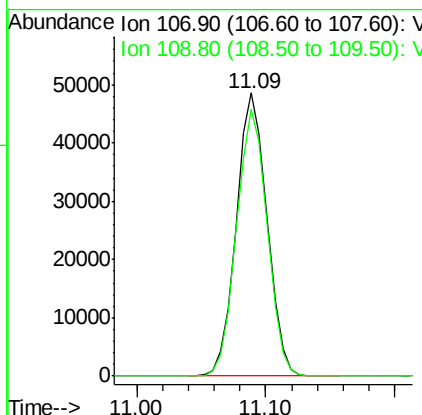
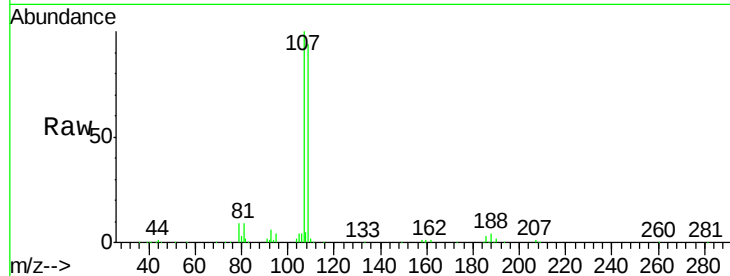
#61
 1,2-Dibromoethane
 Concen: 19.278 ug/l
 RT: 11.09 min Scan# 1534
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.2	75.8	113.8

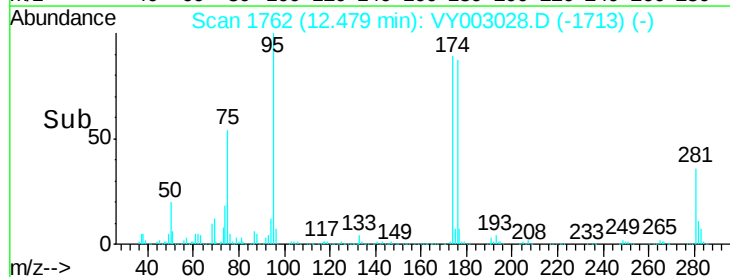
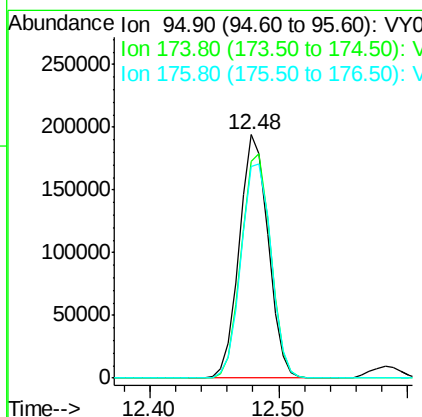
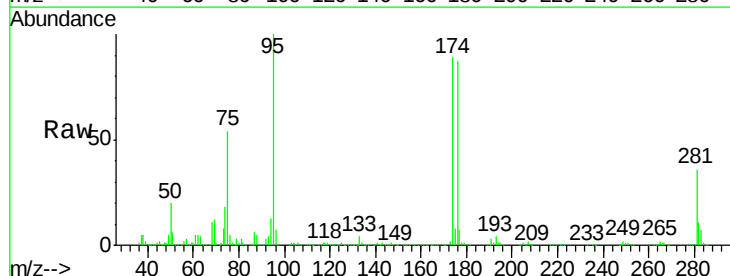
Manual Integrations
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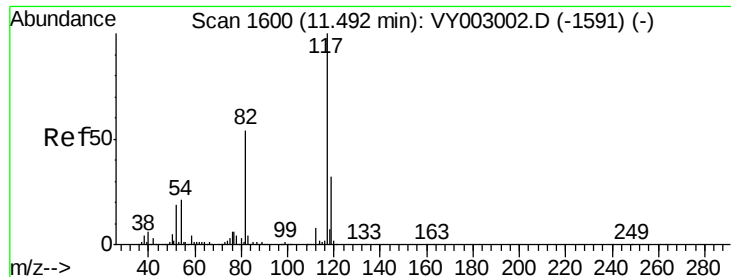
sam
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#62
 4-Bromofluorobenzene
 Concen: 47.899 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
95	100		
174	93.8	0.0	184.8
176	92.0	0.0	183.0





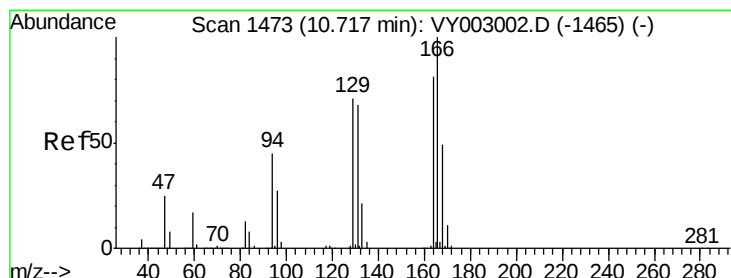
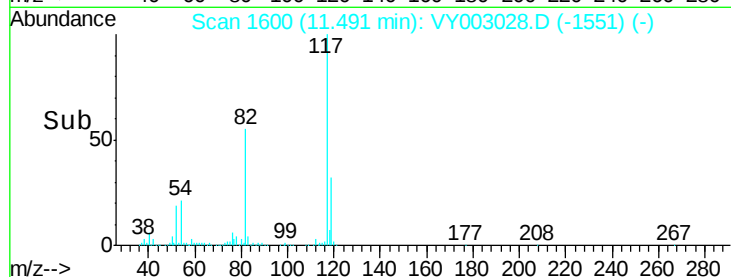
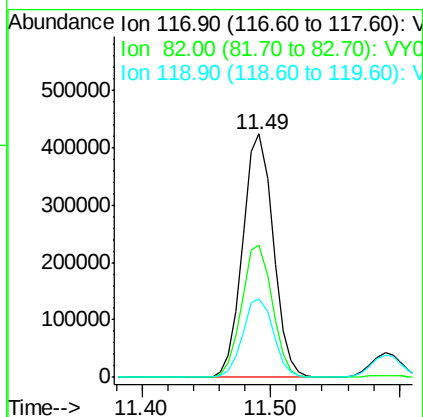
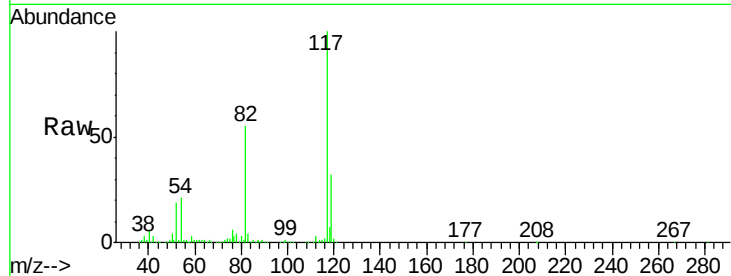
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	692638		
82	54.6	43.0	64.6	
119	32.5	25.8	38.8	

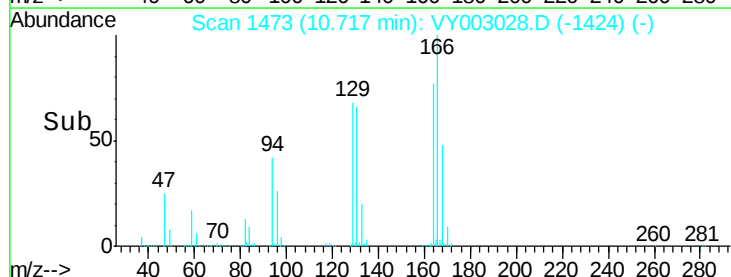
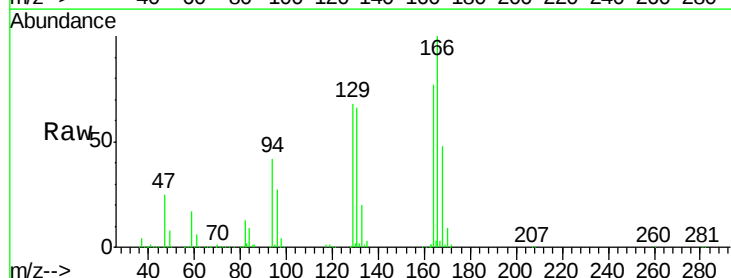
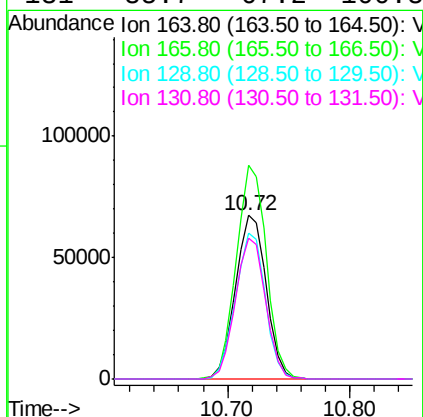
Manual Integrations
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#64
Tetrachloroethene
Concen: 19.946 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116926		
166	130.4	98.5	147.7	
129	89.1	69.7	104.5	
131	85.7	67.2	100.8	





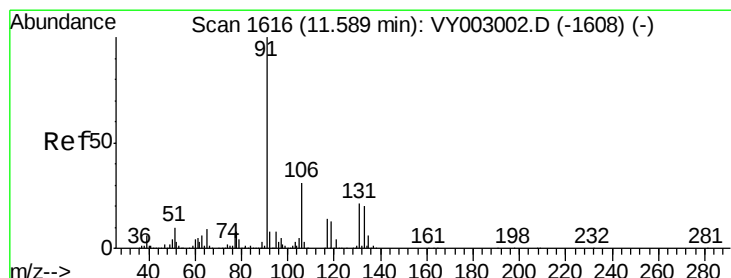
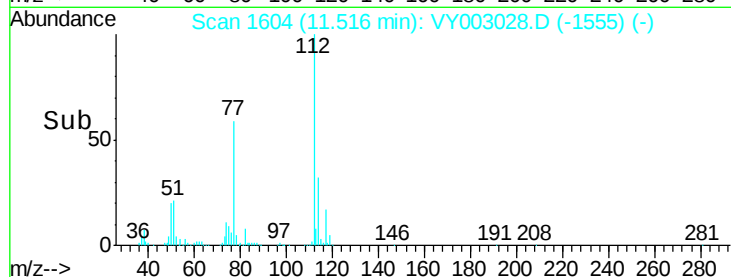
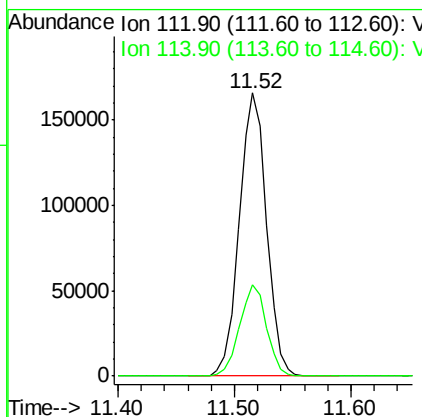
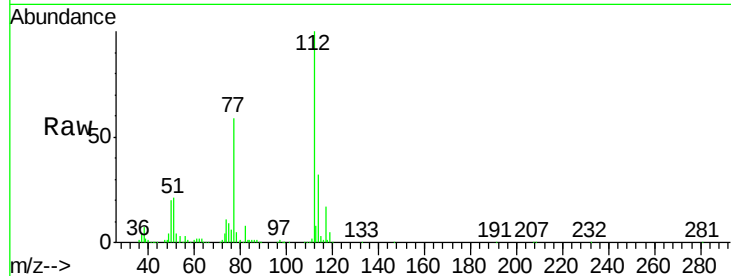
#65
Chlorobenzene
Concen: 19.779 ug/l
RT: 11.52 min Scan# 1604
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion:112 Resp: 270130
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

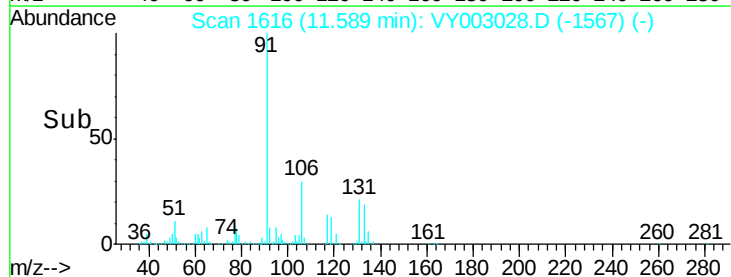
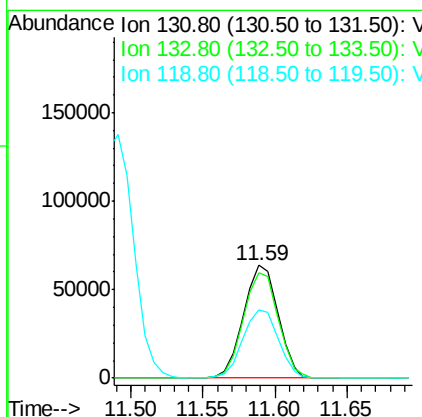
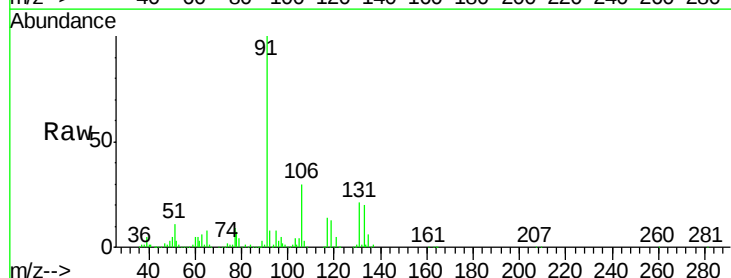
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.836 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion:131 Resp: 105771
Ion Ratio Lower Upper
131 100
133 94.8 47.9 143.8
119 62.2 31.8 95.3





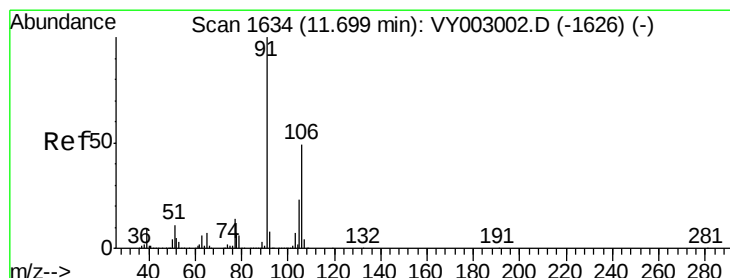
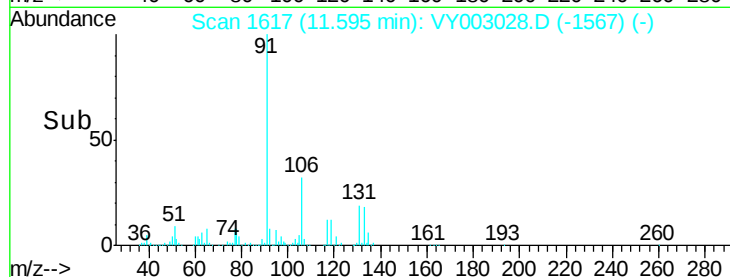
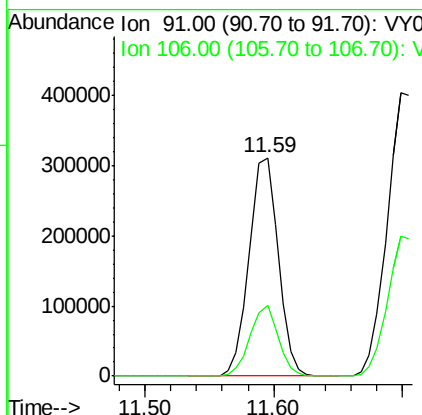
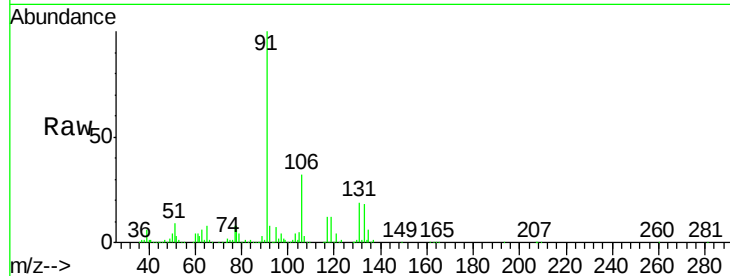
#67
Ethyl Benzene
Concen: 19.441 ug/l
RT: 11.59 min Scan# 1617
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion: 91 Resp: 485753
Ion Ratio Lower Upper
91 100
106 32.4 25.0 37.4

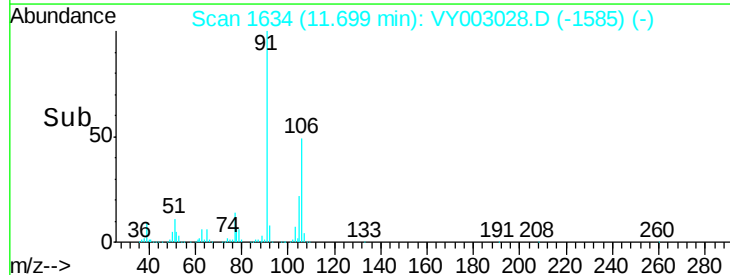
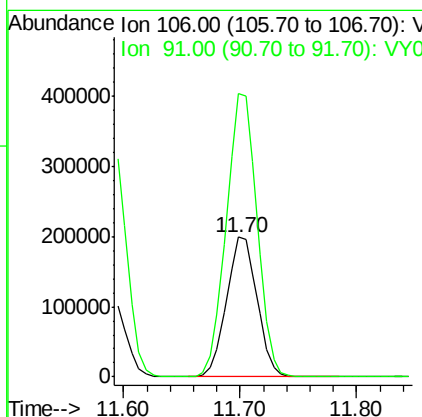
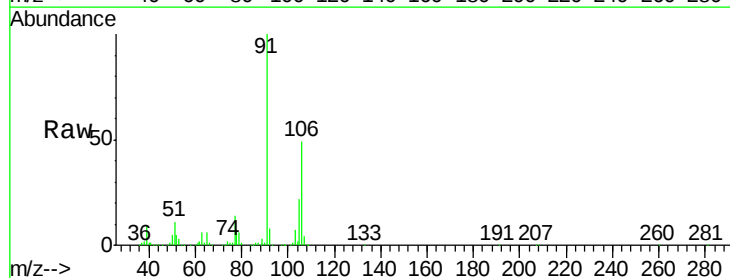
Manual Integrations
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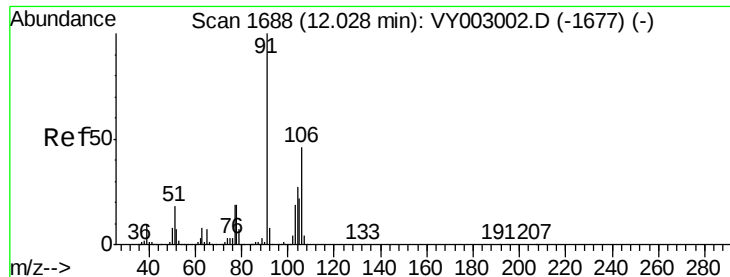
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#68
m/p-Xylenes
Concen: 39.041 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion: 106 Resp: 363043
Ion Ratio Lower Upper
106 100
91 204.3 161.9 242.9





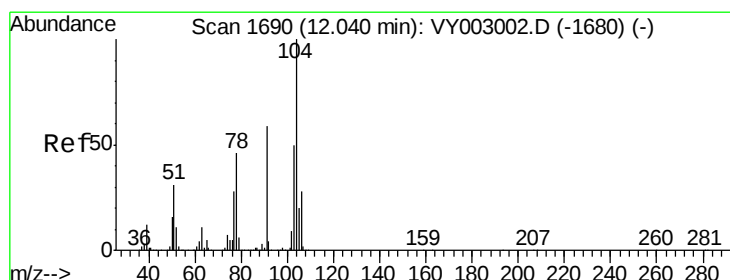
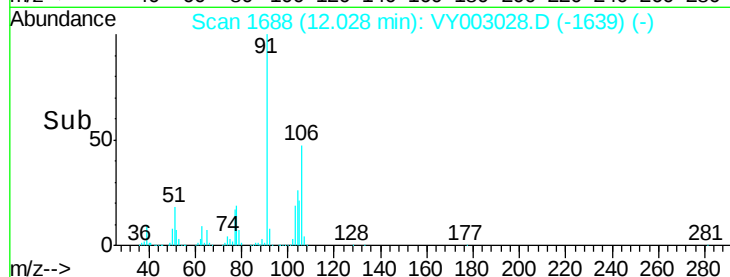
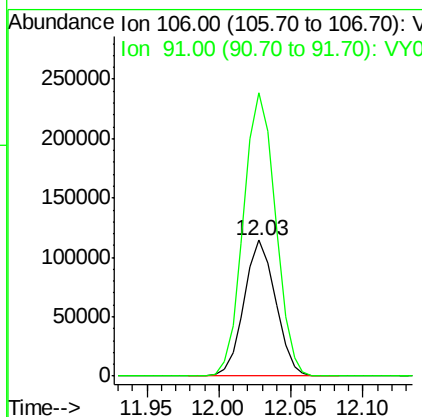
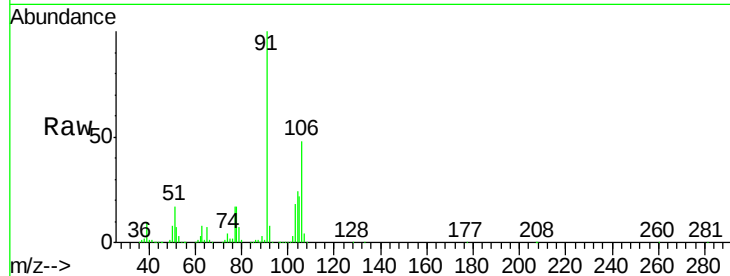
#69
o-Xylene
Concen: 19.825 ug/l
RT: 12.03 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampled :
VY0630SBS01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	212.1	107.9	323.8	

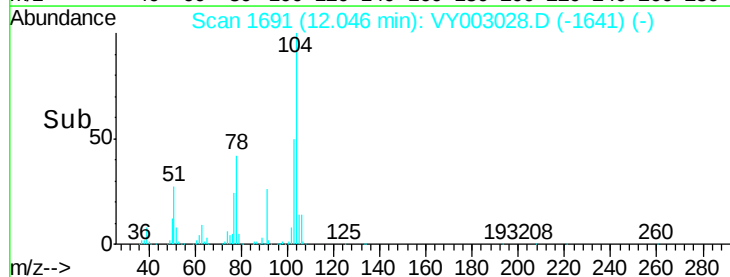
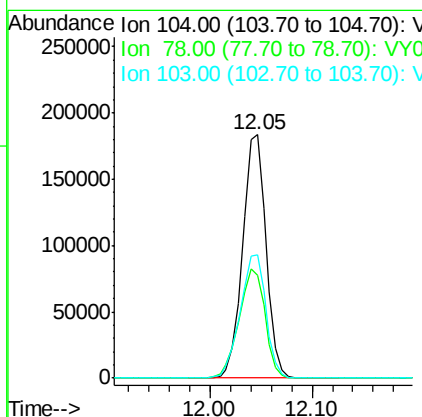
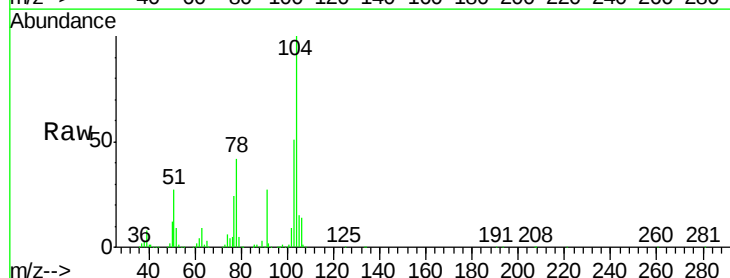
Manual Integrations
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#70
Styrene
Concen: 19.494 ug/l
RT: 12.05 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	49.7	40.4	60.6	
103	55.8	44.1	66.1	





#71

Bromoform

Concen: 19.761 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:173 Resp: 70262

Ion Ratio Lower Upper

173 100

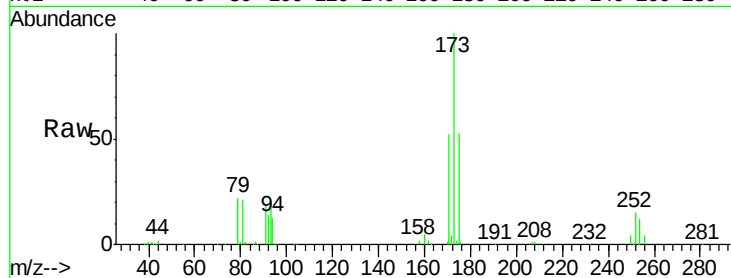
175 49.6 24.6 73.6

254 0.2 0.2 0.2

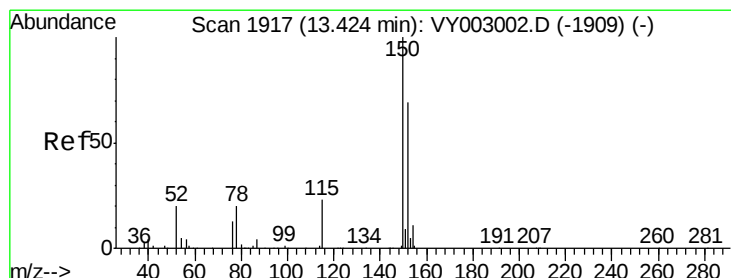
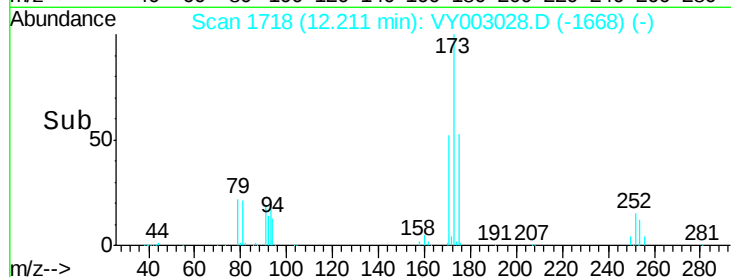
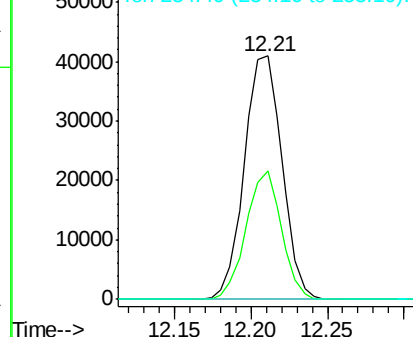
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

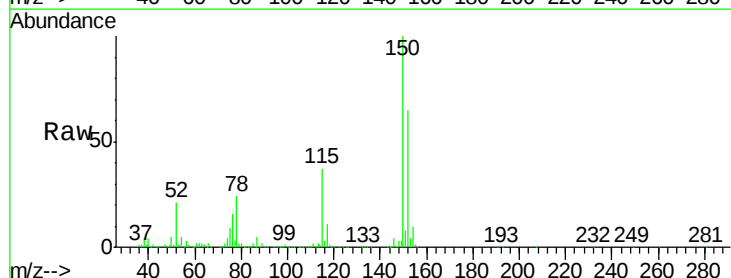
Tgt Ion:152 Resp: 366885

Ion Ratio Lower Upper

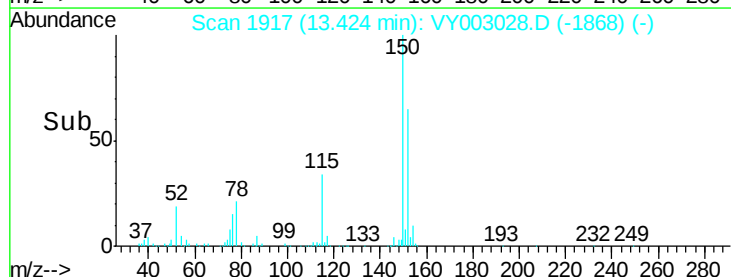
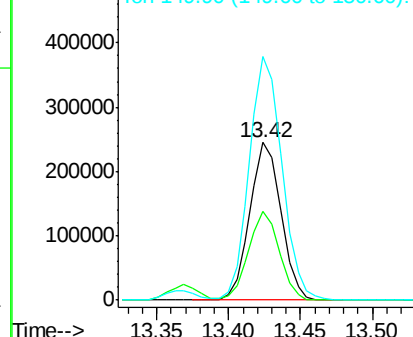
152 100

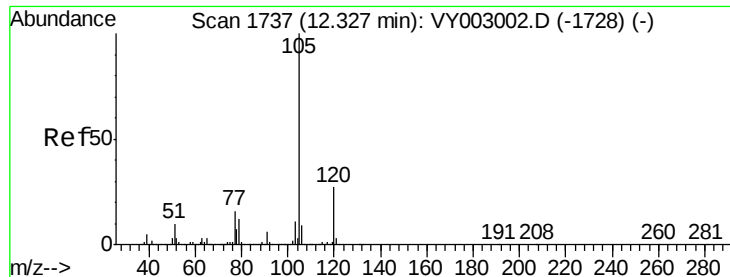
115 55.1 27.3 81.9

150 161.7 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: 19.798 ug/l

RT: 12.33 min Scan# 1738

Delta R.T. 0.01 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion: 105 Resp: 475383

Ion Ratio Lower Upper

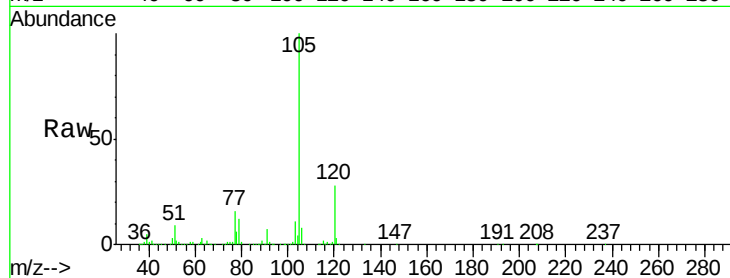
105 100

120 26.8 13.4 40.1

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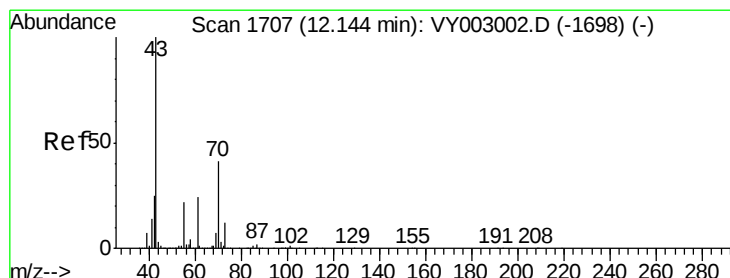
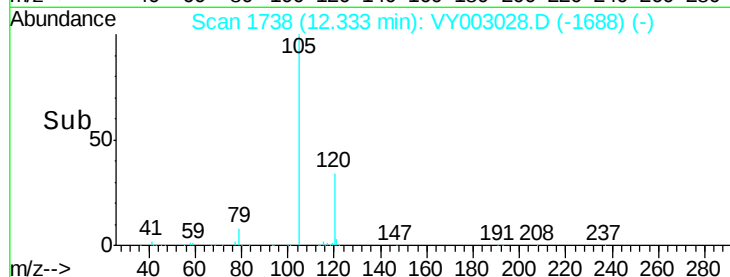
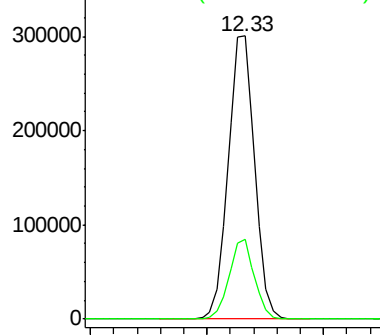
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.796 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion: 43 Resp: 146926

Ion Ratio Lower Upper

43 100

70 43.6 33.0 49.4

55 22.6 18.2 27.2

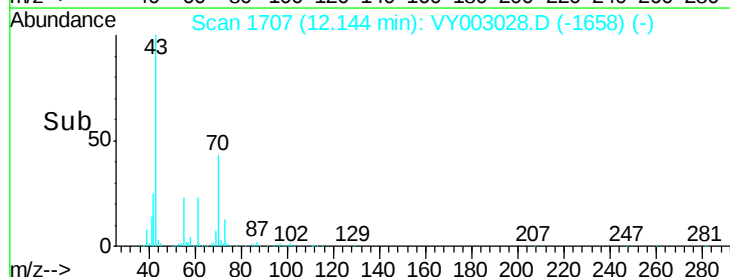
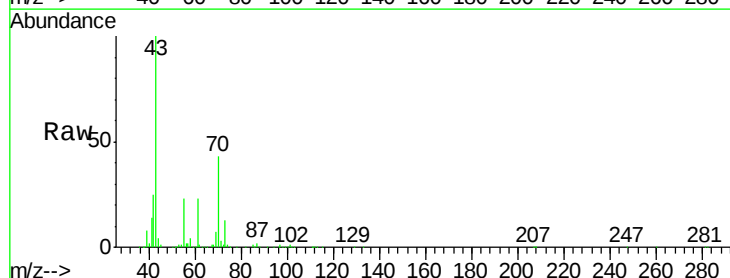
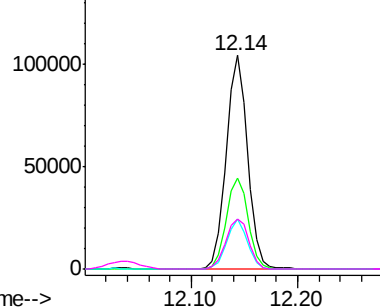
61 25.0 19.4 29.2

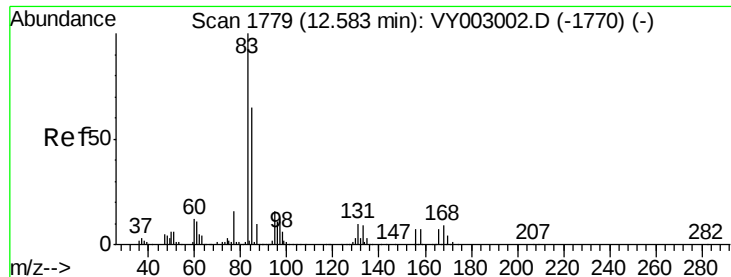
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.060 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

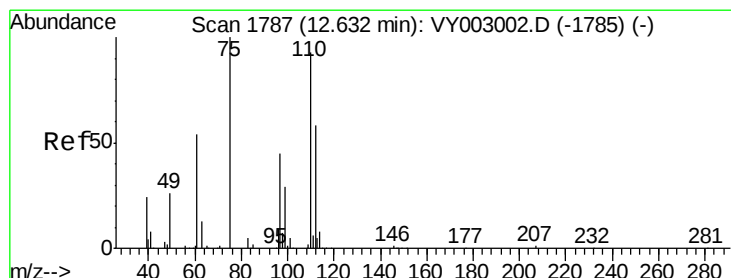
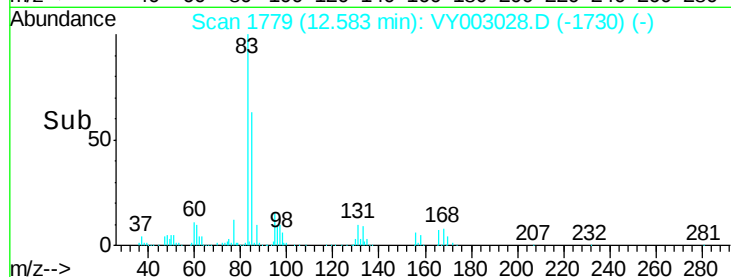
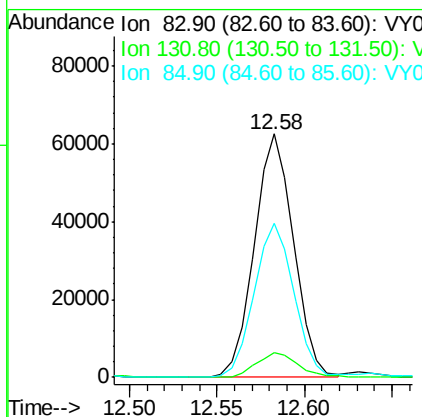
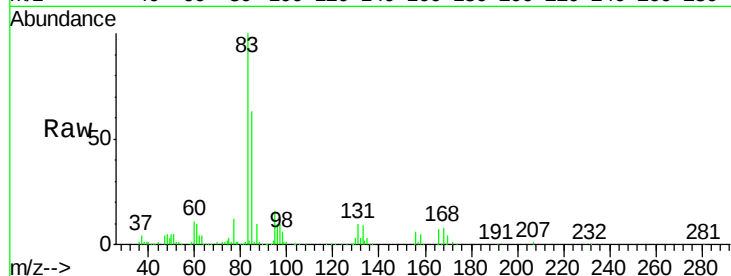
ClientSampleId :

VY0630SBS01

Tot Ion:	83	Resp:	97203
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	63.8	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 20.311 ug/l m

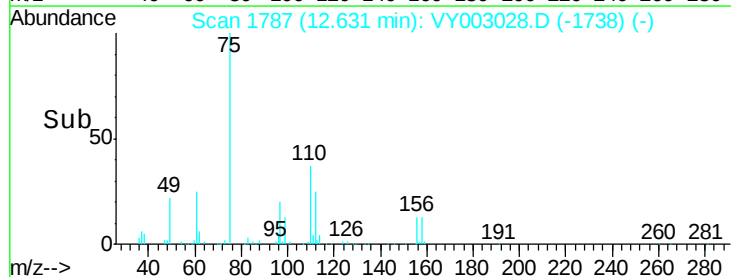
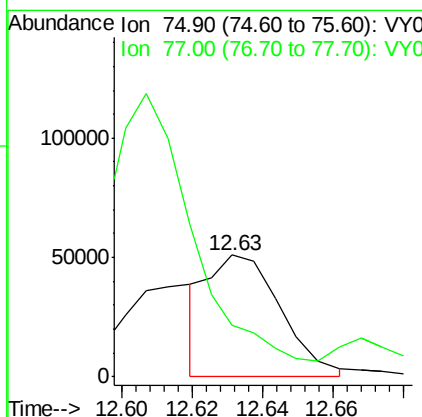
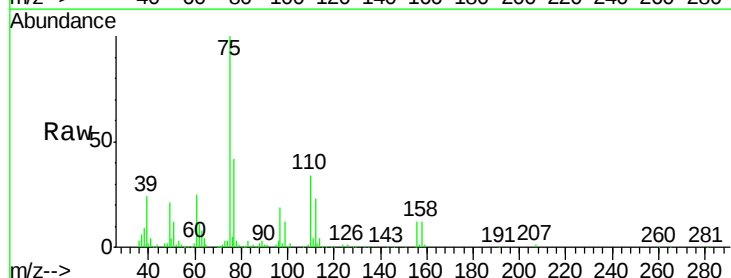
RT: 12.63 min Scan# 1787

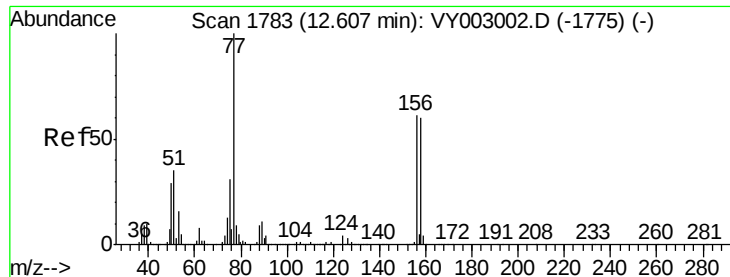
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	75	Resp:	73750
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.652 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

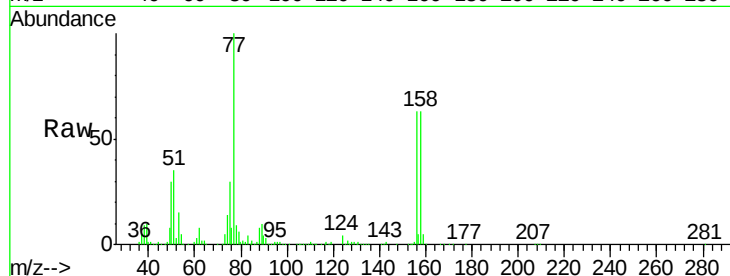
ClientSampleId :

VY0630SBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	177.1	90.0	270.0
158	97.4	48.5	145.5

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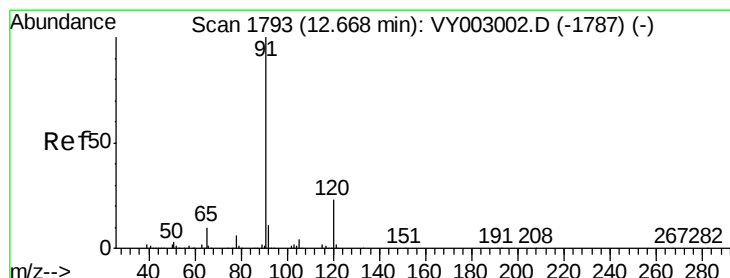
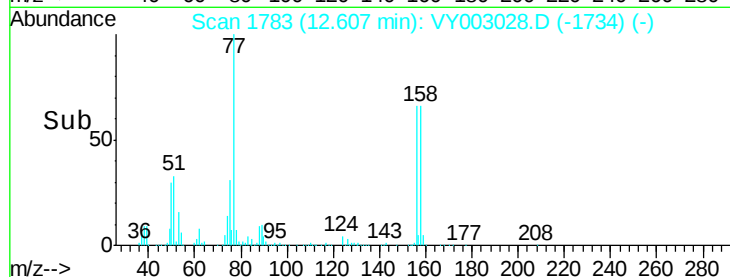
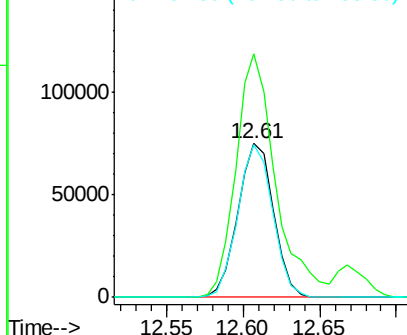
sam
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.678 ug/l

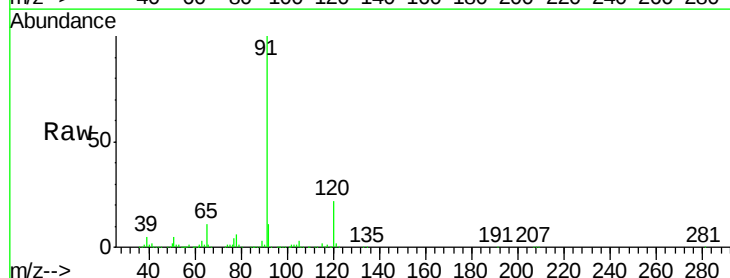
RT: 12.67 min Scan# 1793

Delta R.T. -0.00 min

Lab File: VY003028.D

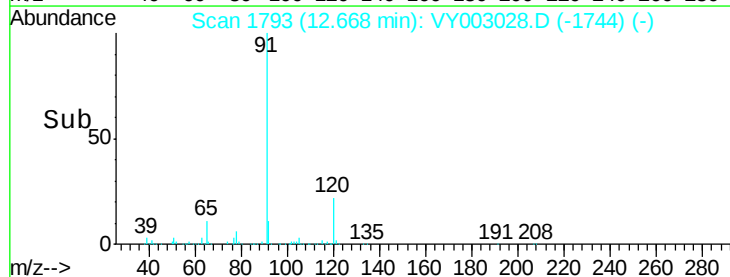
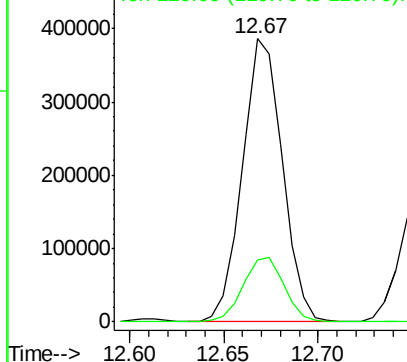
Acq: 30 Jun 2020 11:41

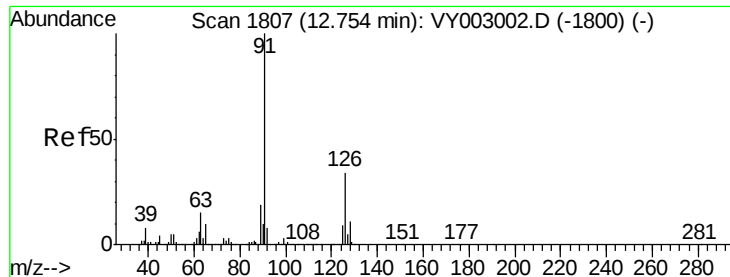
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





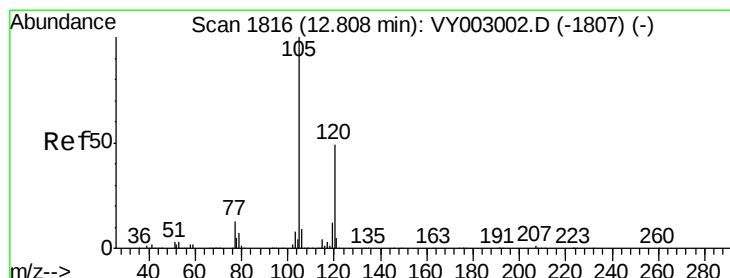
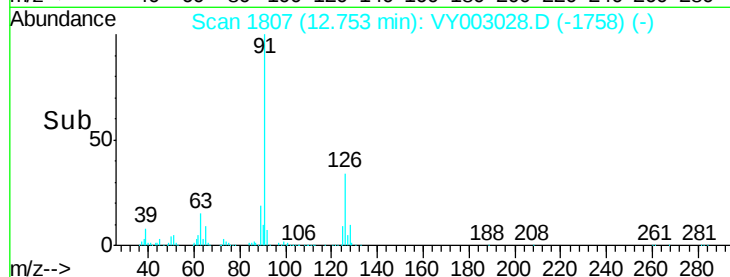
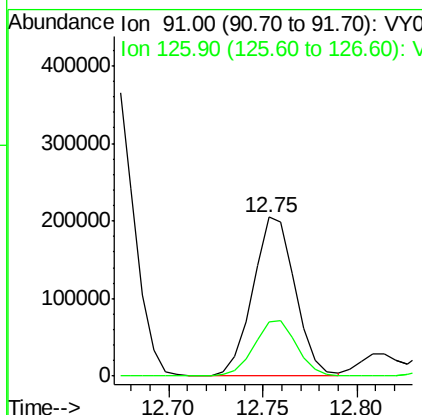
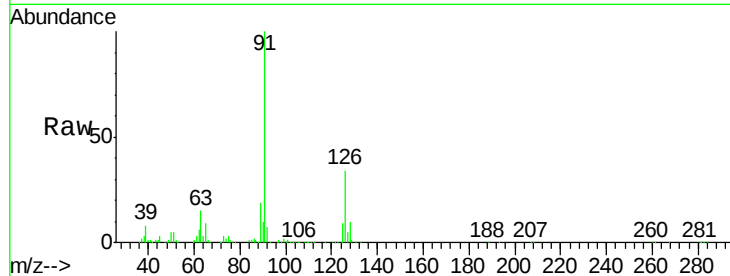
#79
2-Chlorotoluene
Concen: 19.771 ug/l
RT: 12.75 min Scan# 1807
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.1	51.3

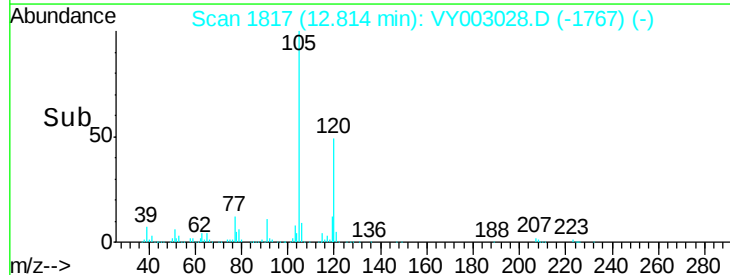
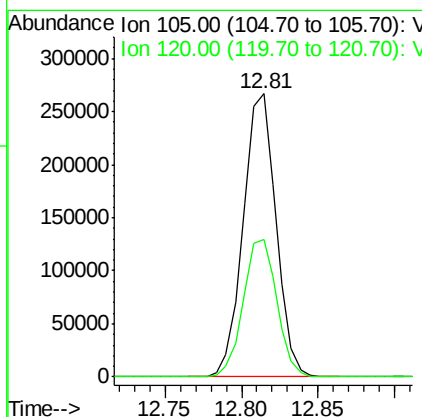
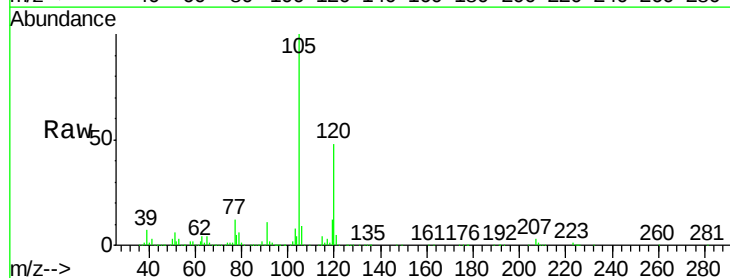
Manual Integrations
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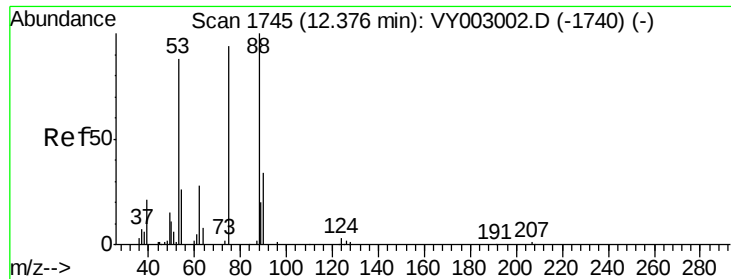
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#80
1,3,5-Trimethylbenzene
Concen: 19.689 ug/l
RT: 12.81 min Scan# 1817
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.6	73.6





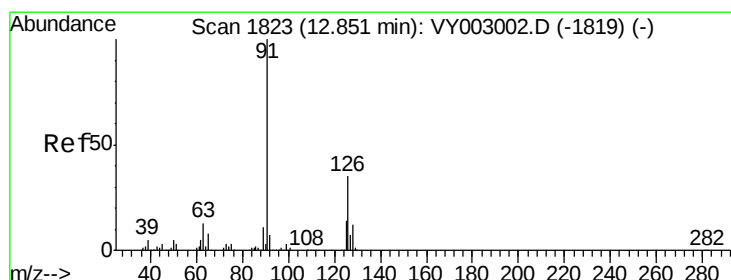
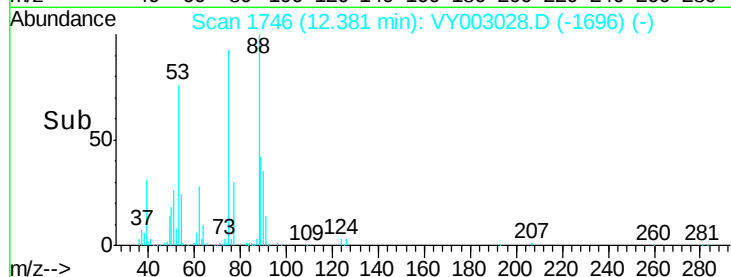
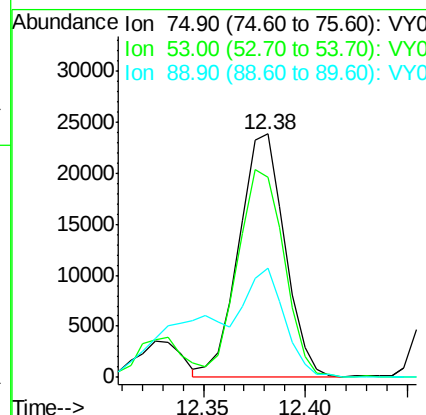
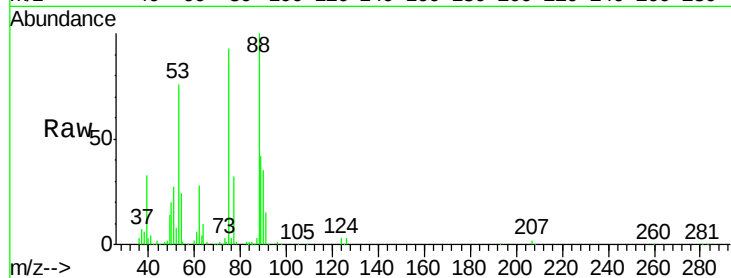
#81
trans-1,4-Dichloro-2-butene
Concen: 19.802 ug/l
RT: 12.38 min Scan# 1746
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.3	73.9	110.9
89	39.7	37.5	56.3

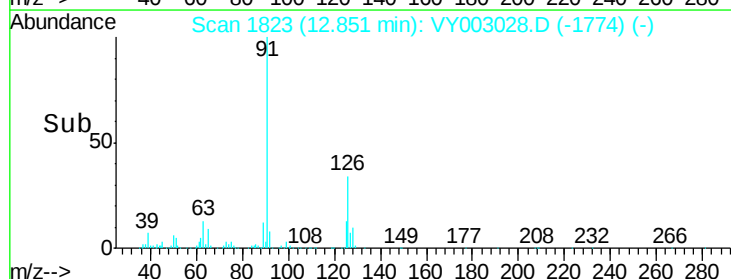
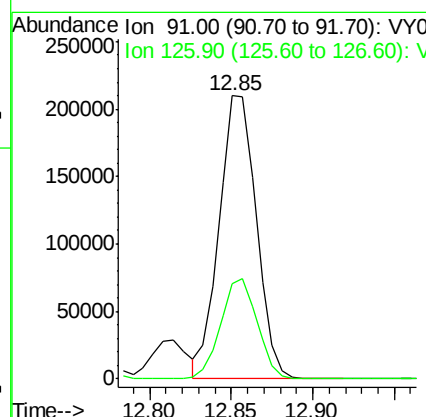
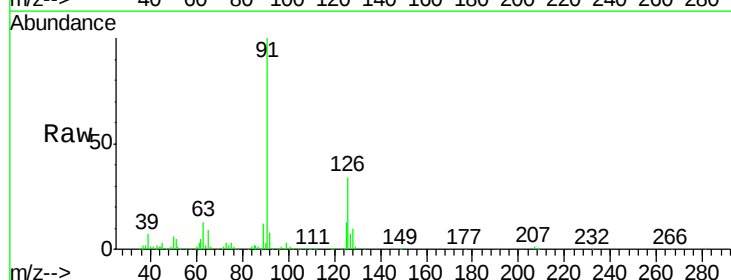
Manual Integrations
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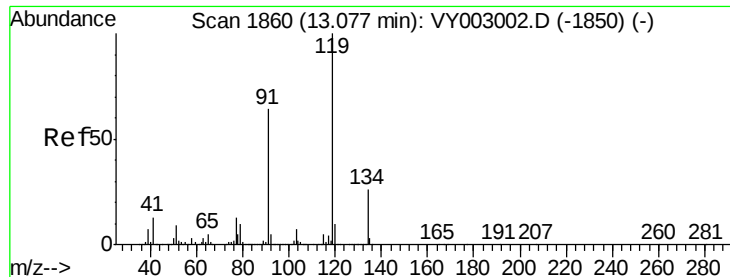
sam
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#82
4-Chlorotoluene
Concen: 19.862 ug/l
RT: 12.85 min Scan# 1823
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.4	52.3





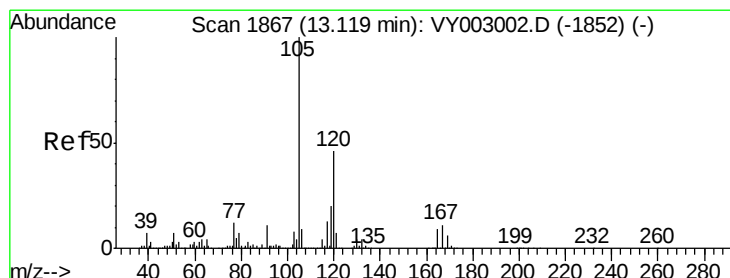
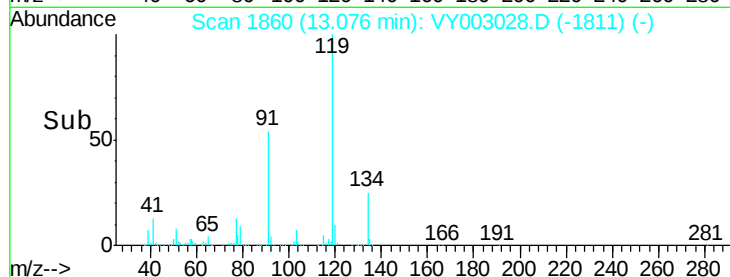
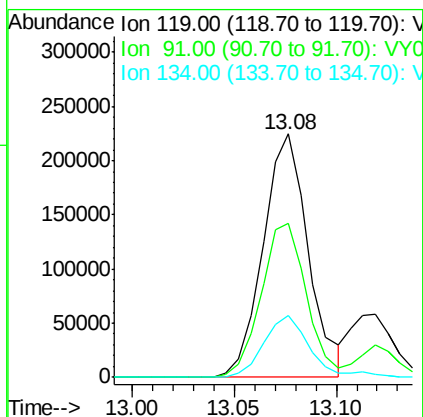
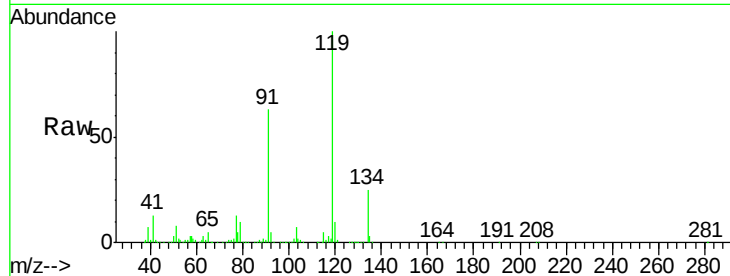
#83
tert-Butylbenzene
Concen: 19.648 ug/l
RT: 13.08 min Scan# 1860
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	31.6	95.0
134	26.5	13.2	39.5

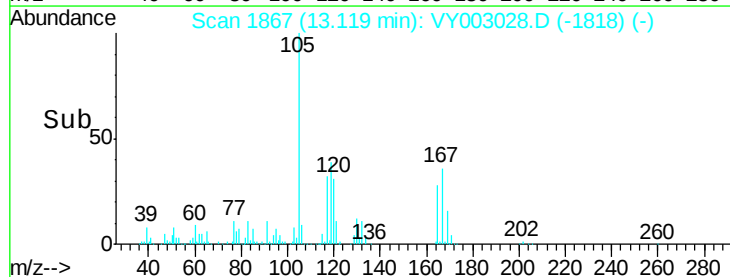
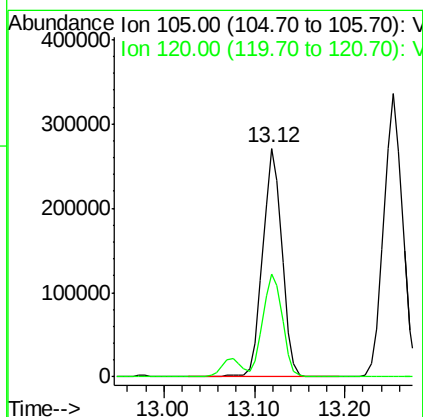
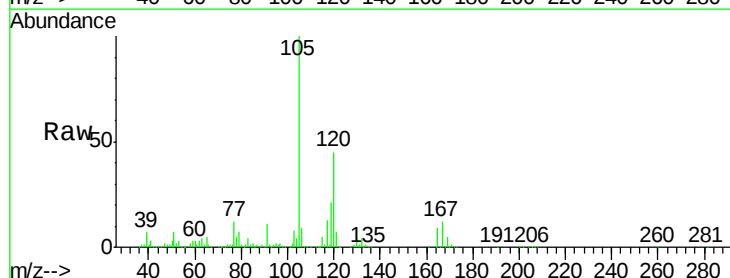
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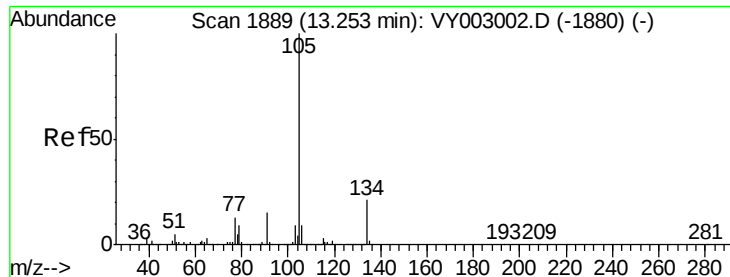
sam
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#84
1,2,4-Trimethylbenzene
Concen: 19.633 ug/l
RT: 13.12 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.8





#85

sec-Butylbenzene

Concen: 19.826 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

ClientSampleId :

VY0630SBS01

Tot Ion:105 Resp: 483471

Ion Ratio Lower Upper

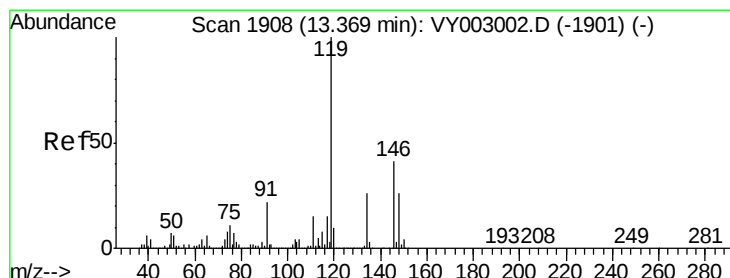
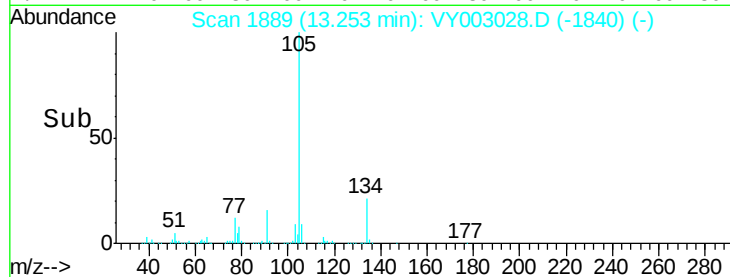
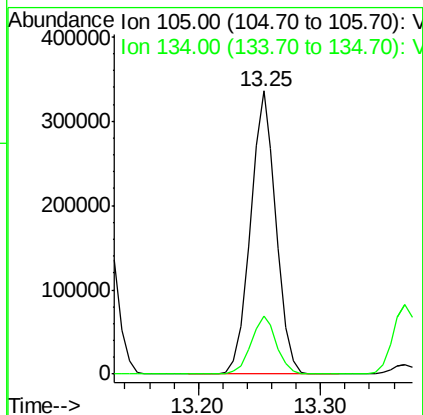
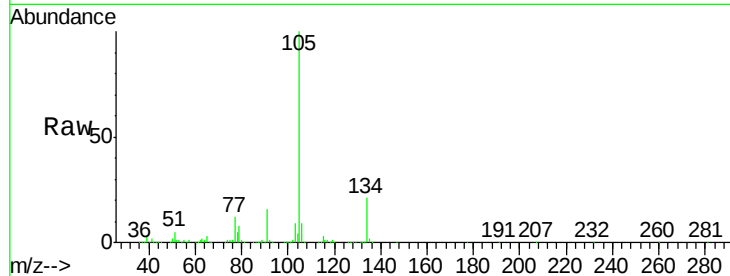
105 100

134 20.7 10.4 31.2

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 19.583 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

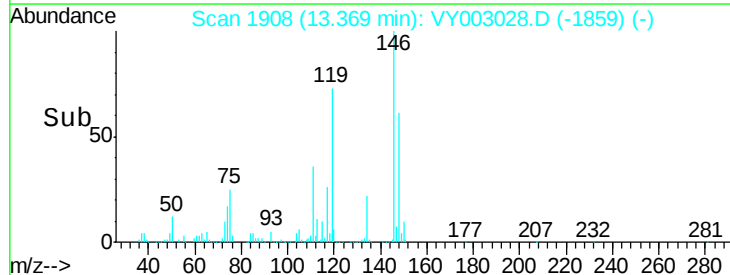
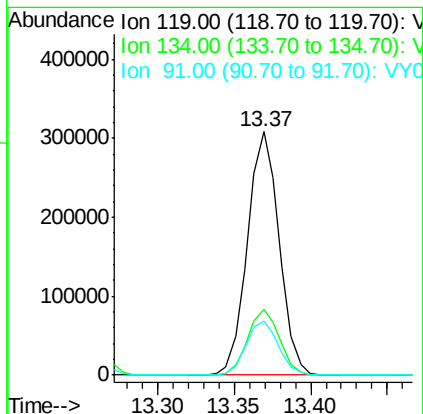
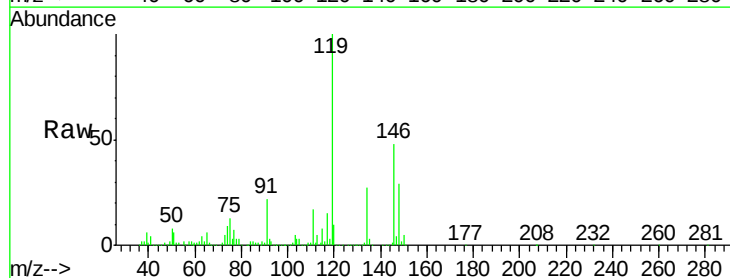
Tgt Ion:119 Resp: 442501

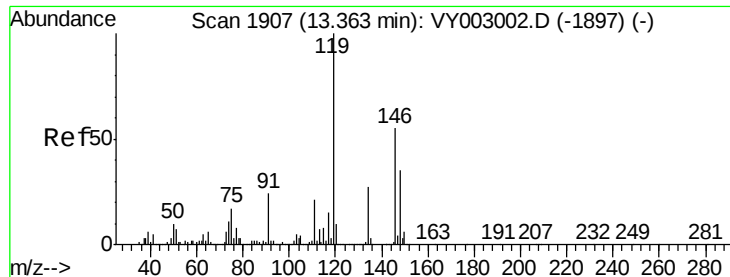
Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.4

91 22.6 11.5 34.5





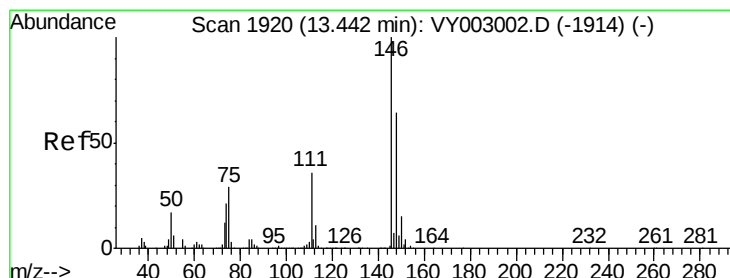
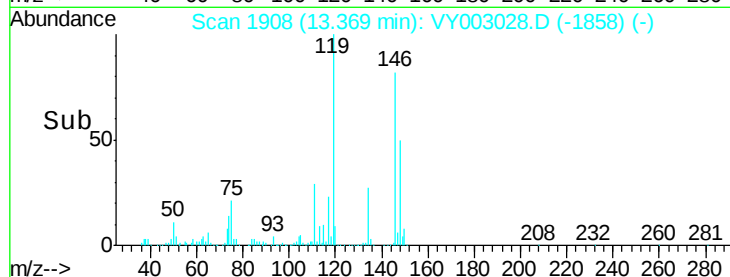
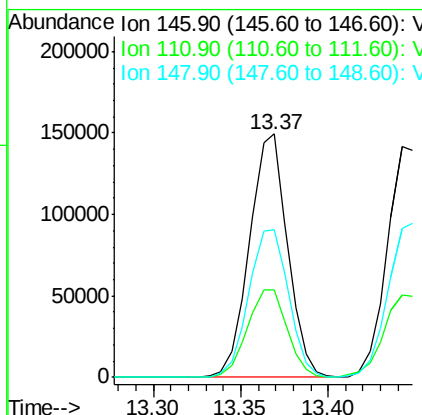
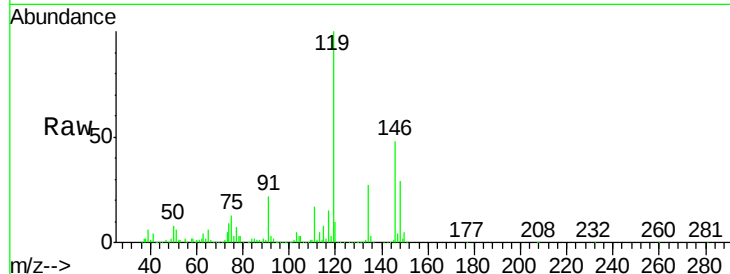
#87
 1,3-Dichlorobenzene
 Concen: 19.646 ug/l
 RT: 13.37 min Scan# 1908
 Delta R.T. 0.01 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.3
148	63.7	31.8	95.3

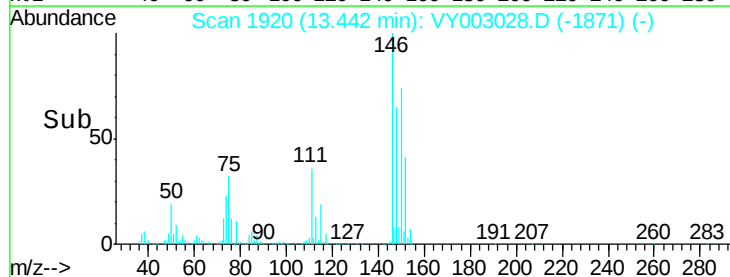
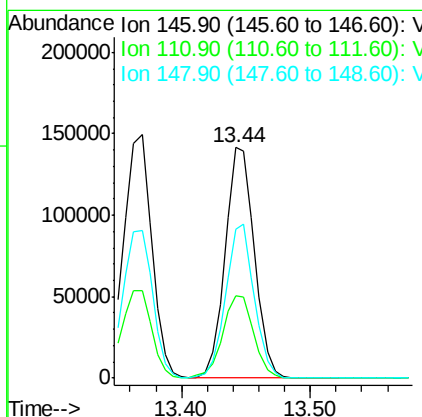
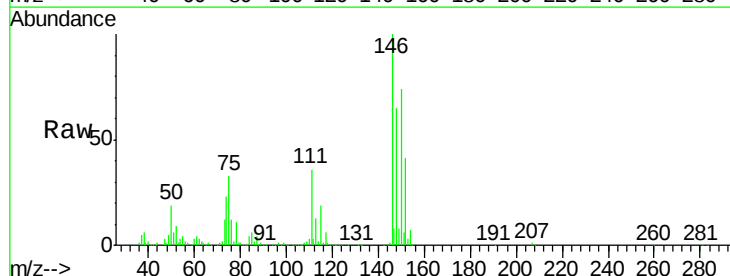
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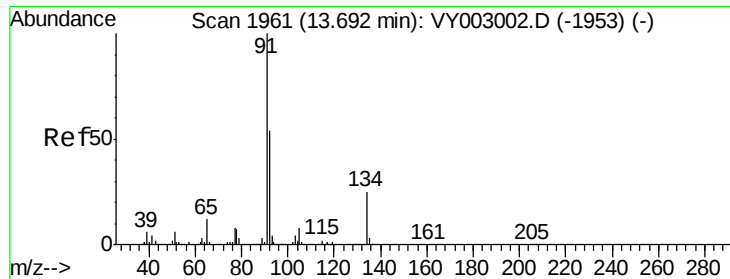
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#88
 1,4-Dichlorobenzene
 Concen: 19.802 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.4	55.4
148	65.2	32.3	96.9





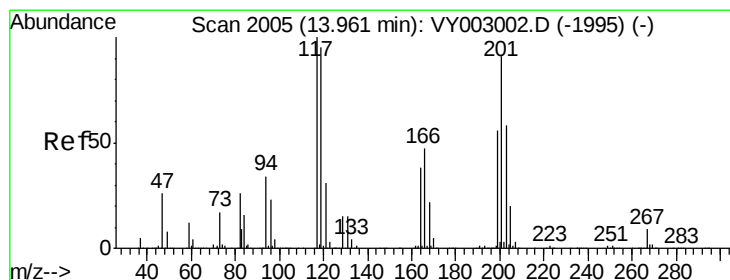
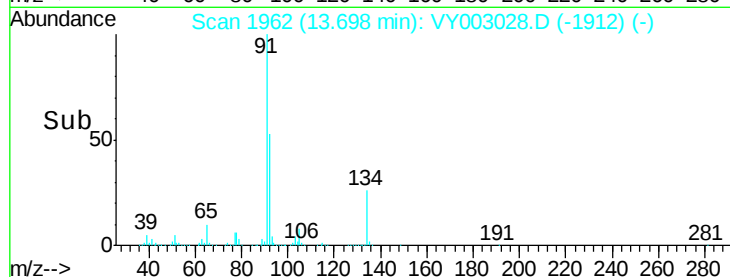
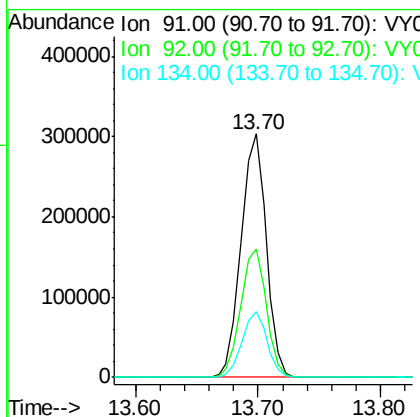
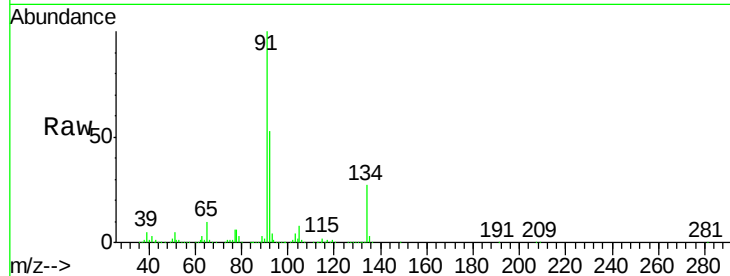
#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 13.70 min Scan# 1962
Delta R.T. 0.01 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.8	80.3
134	26.7	13.1	39.1

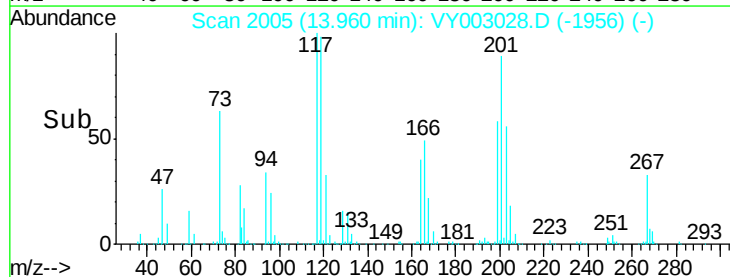
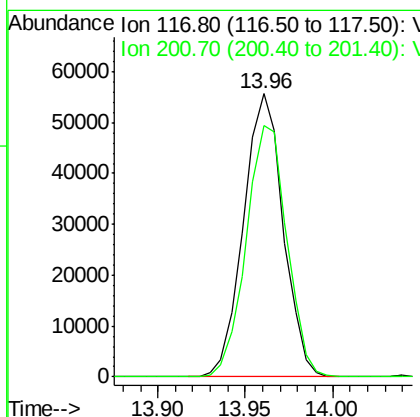
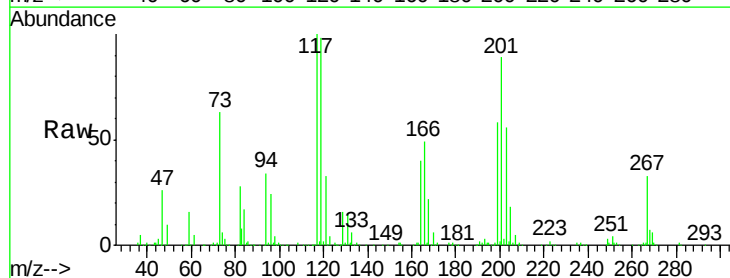
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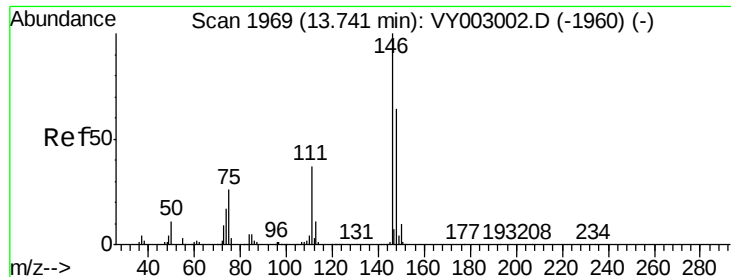
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#90
Hexachloroethane
Concen: 19.518 ug/l
RT: 13.96 min Scan# 2005
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.3	45.5	136.4





#91

1,2-Dichlorobenzene

Concen: 19.892 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Instrument :

MSVOA_Y

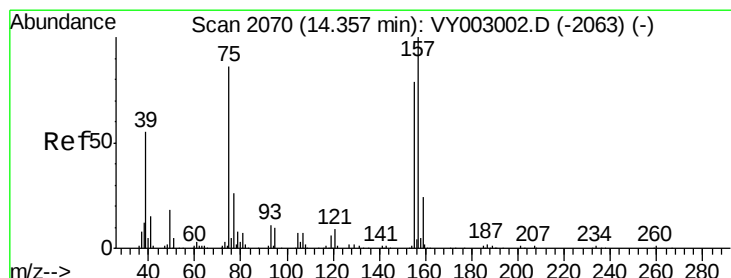
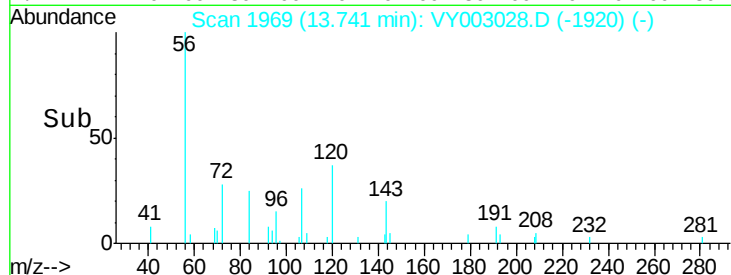
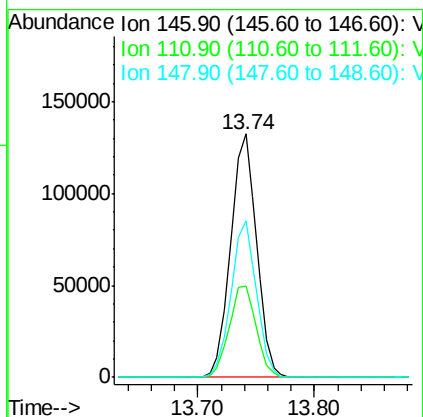
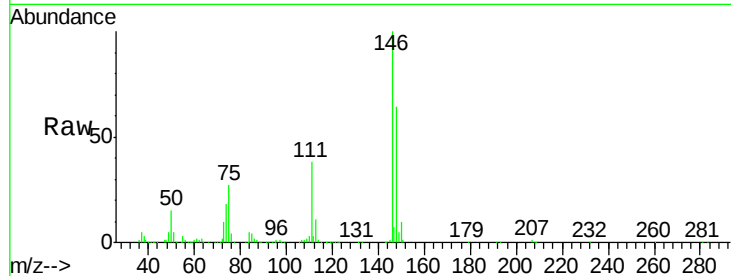
ClientSampleId :

VY0630SBS01

Tot Ion:	146	Resp:	205137
Ion Ratio	Lower	Upper	
146	100		
111	39.1	19.1	57.5
148	63.2	31.8	95.3

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.875 ug/l

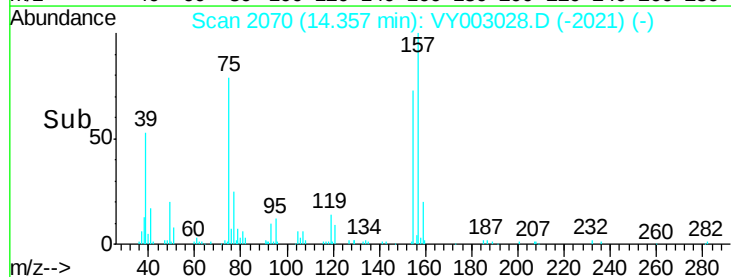
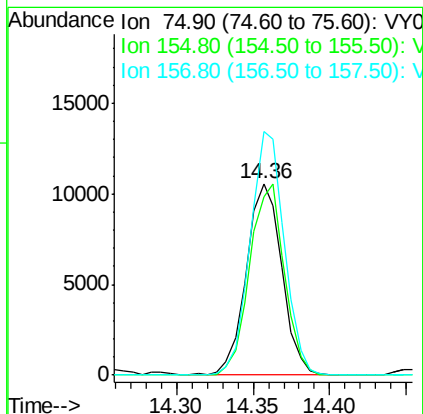
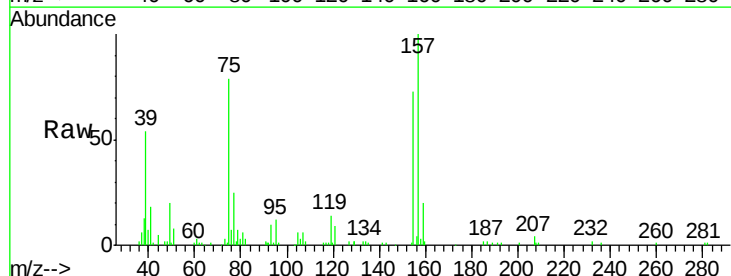
RT: 14.36 min Scan# 2070

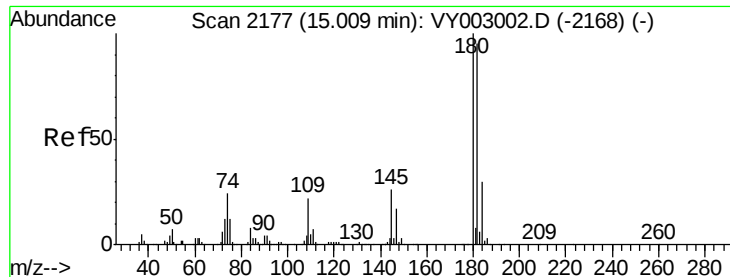
Delta R.T. -0.00 min

Lab File: VY003028.D

Acq: 30 Jun 2020 11:41

Tgt Ion:	75	Resp:	17048
Ion Ratio	Lower	Upper	
75	100		
155	97.4	46.5	139.3
157	121.9	59.2	177.5





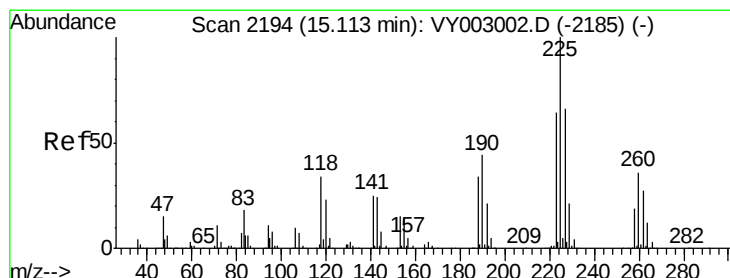
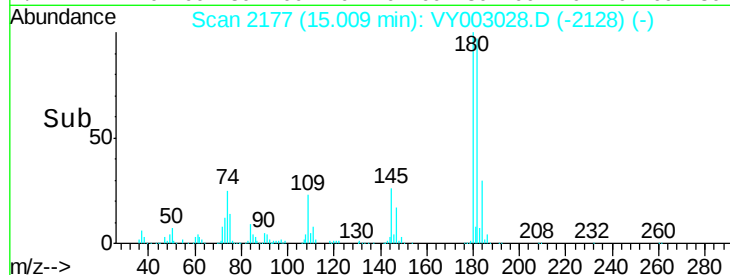
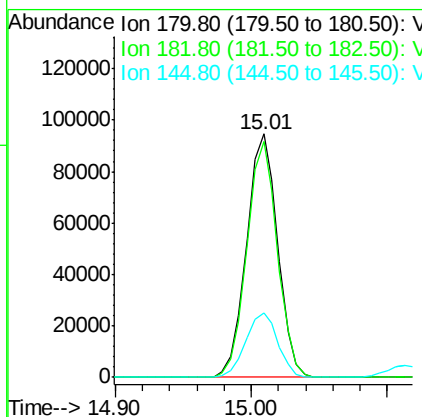
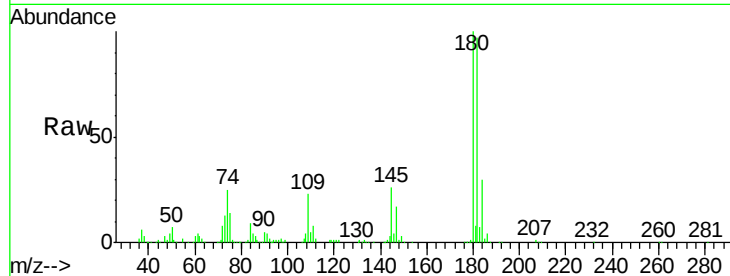
#93
 1,2,4-Trichlorobenzene
 Concen: 19.739 ug/l
 RT: 15.01 min Scan# 2177
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151252		
182	95.1	48.1	144.3	
145	27.2	13.9	41.6	

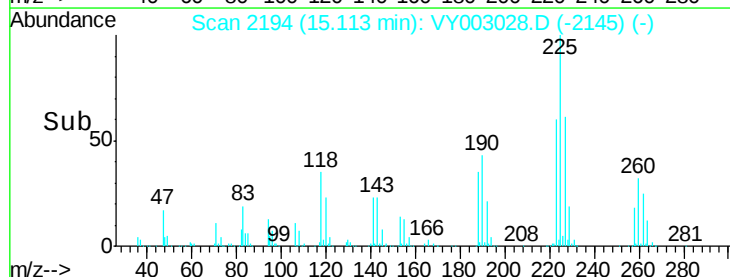
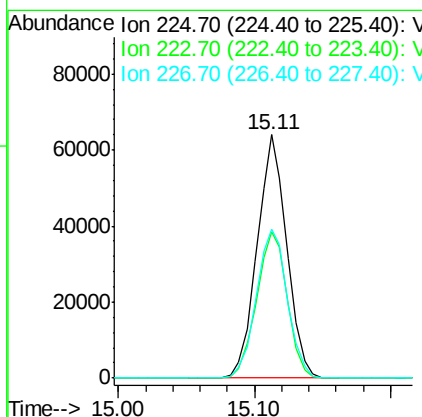
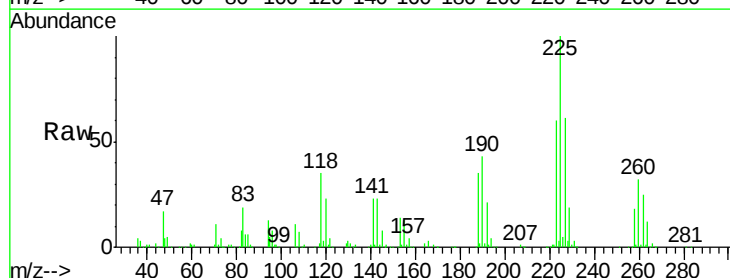
Manual Integrations
 APPROVED

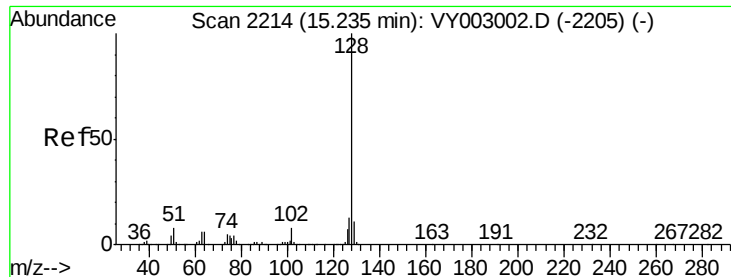
sam
 7/1/2020 10:11:07 PM



#94
 Hexachlorobutadiene
 Concen: 20.225 ug/l
 RT: 15.11 min Scan# 2194
 Delta R.T. -0.00 min
 Lab File: VY003028.D
 Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	97757		
223	61.9	32.4	97.0	
227	64.1	32.4	97.2	





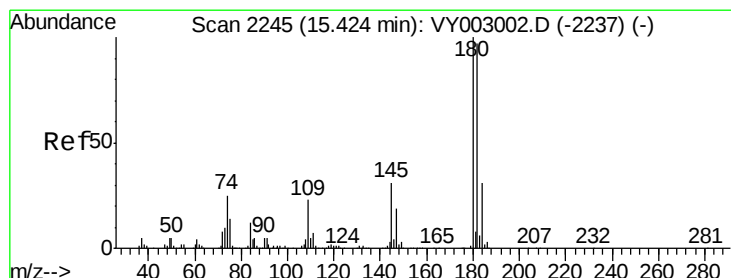
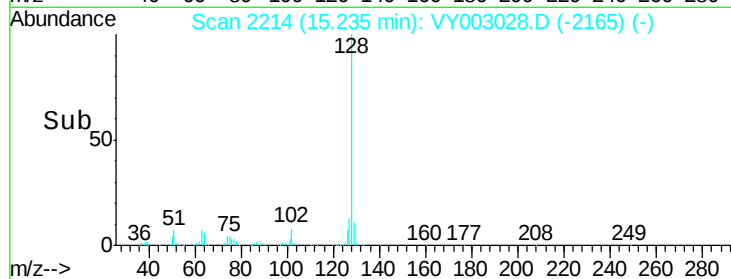
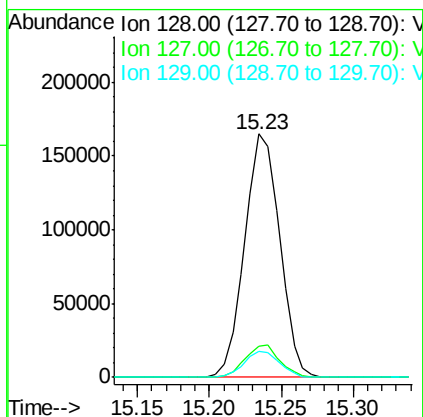
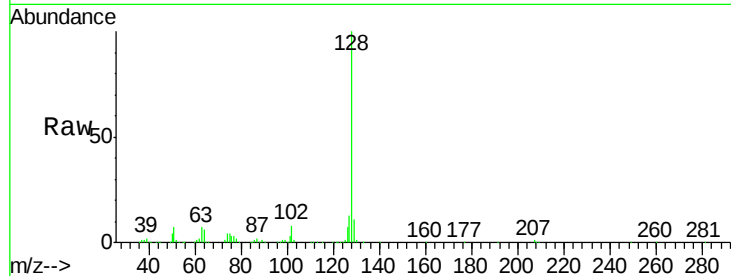
#95
Naphthalene
Concen: 19.894 ug/l
RT: 15.23 min Scan# 2214
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Instrument :
MSVOA_Y
ClientSampleId :
VY0630SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	278435		
127	13.1		10.8	16.2
129	10.7		8.8	13.2

Manual Integrations
APPROVED

sam
7/1/2020 10:11:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 19.717 ug/l
RT: 15.42 min Scan# 2245
Delta R.T. -0.00 min
Lab File: VY003028.D
Acq: 30 Jun 2020 11:41

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	131193		
182	95.0		47.8	143.3
145	28.8		14.7	44.1

