

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122419\
 Data File : VY001042.D
 Acq On : 24 Dec 2019 13:03
 Operator : SY/MD
 Sample : K6396-05MSD
 Misc : 6.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Quant Time: Dec 25 01:36:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 23 12:07:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	146053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	259616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	229508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	105776	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	74186	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
35) Dibromofluoromethane	7.72	113	73328	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.18	98	309749	51.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.48	95	102609	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	64442	50.635	ug/l	99
3) Chloromethane	2.12	50	85572	49.403	ug/l	100
4) Vinyl Chloride	2.25	62	86835	51.622	ug/l	97
5) Bromomethane	2.66	94	55268	52.639	ug/l	96
6) Chloroethane	2.80	64	55803	53.263	ug/l	99
7) Trichlorofluoromethane	3.13	101	121911	49.412	ug/l	95
8) Diethyl Ether	3.54	74	51196	50.834	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	80179	49.473	ug/l	98
10) Methyl Iodide	4.10	142	110298	49.258	ug/l	99
11) Tert butyl alcohol	4.97	59	35398	223.492	ug/l #	89
12) 1,1-Dichloroethene	3.88	96	81150	49.458	ug/l	97
13) Acrolein	3.74	56	34276	174.659	ug/l	97
14) Allyl chloride	4.49	41	128608	50.455	ug/l	99
15) Acrylonitrile	5.18	53	123559	245.482	ug/l	97
16) Acetone	3.96	43	74068	223.197	ug/l	100
17) Carbon Disulfide	4.20	76	264103	49.258	ug/l	98
18) Methyl Acetate	4.49	43	73770	57.942	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	215712	50.937	ug/l	97
20) Methylene Chloride	4.72	84	99665	51.024	ug/l	95
21) trans-1,2-Dichloroethene	5.23	96	90493	49.765	ug/l	97
22) Diisopropyl ether	6.13	45	270905	52.581	ug/l	99
23) Vinyl Acetate	6.08	43	647976	199.145	ug/l	97
24) 1,1-Dichloroethane	6.03	63	152514	50.092	ug/l	100
25) 2-Butanone	7.00	43	141703	243.069	ug/l	99
26) 2,2-Dichloropropane	6.99	77	117322	46.902	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	100948	50.530	ug/l	99
28) Bromochloromethane	7.34	49	69215	58.264	ug/l	99
29) Tetrahydrofuran	7.36	42	100108	241.407	ug/l	99
30) Chloroform	7.52	83	146079	50.740	ug/l	98
31) Cyclohexane	7.79	56	154504	48.259	ug/l	100
32) 1,1,1-Trichloroethane	7.72	97	124123	50.541	ug/l	99
36) 1,1-Dichloropropene	7.93	75	122451	49.441	ug/l	99
37) Ethyl Acetate	7.09	43	63866	46.570	ug/l	99
38) Carbon Tetrachloride	7.91	117	106397	49.032	ug/l	92

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	162398	49.376	ug/l	94
40) Benzene	8.17	78	372986	49.919	ug/l	98
41) Methacrylonitrile	7.36	41	88205	148.352	ug/l #	100
42) 1,2-Dichloroethane	8.25	62	91311	51.114	ug/l	100
43) Isopropyl Acetate	8.28	43	122304	48.177	ug/l	100
44) Trichloroethene	8.94	130	96400	48.966	ug/l	98
45) 1,2-Dichloropropane	9.22	63	95258	50.819	ug/l	95
46) Dibromomethane	9.31	93	48569	50.265	ug/l	99
47) Bromodichloromethane	9.50	83	111815	49.957	ug/l	98
48) Methyl methacrylate	9.30	41	56184	51.862	ug/l	97
49) 1,4-Dioxane	9.30	88	15152	1071.968	ug/l	98
51) 4-Methyl-2-Pentanone	10.07	43	322193	243.499	ug/l	99
52) Toluene	10.24	92	225878	49.116	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	119104	49.032	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	146558	50.176	ug/l	93
55) 1,1,2-Trichloroethane	10.64	97	73381	50.870	ug/l	92
56) Ethyl methacrylate	10.51	69	98578	48.016	ug/l	100
57) 1,3-Dichloropropane	10.79	76	128719	50.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	181435	228.807	ug/l	98
59) 2-Hexanone	10.83	43	229662	250.842	ug/l	99
60) Dibromochloromethane	10.98	129	78293	50.811	ug/l	97
61) 1,2-Dibromoethane	11.08	107	68528	49.679	ug/l	98
64) Tetrachloroethene	10.72	164	104771	52.760	ug/l	98
65) Chlorobenzene	11.51	112	233496	49.046	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	80911	51.501	ug/l	97
67) Ethyl Benzene	11.59	91	431231	50.360	ug/l	100
68) m/p-Xylenes	11.70	106	324543	99.819	ug/l	100
69) o-Xylene	12.02	106	154359	50.465	ug/l	99
70) Styrene	12.04	104	258248	49.654	ug/l	99
71) Bromoform	12.20	173	42765	48.886	ug/l #	97
73) Isopropylbenzene	12.33	105	399744	48.836	ug/l	99
74) N-amyl acetate	12.14	43	92124	42.840	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	78889	48.922	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	109130	83.689	ug/l #	100
77) Bromobenzene	12.60	156	90717	49.278	ug/l	98
78) n-propylbenzene	12.67	91	489022	49.030	ug/l	99
79) 2-Chlorotoluene	12.75	91	269175	48.869	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	332649	49.578	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	28381	46.419	ug/l #	82
82) 4-Chlorotoluene	12.85	91	281150	49.143	ug/l	100
83) tert-Butylbenzene	13.07	119	272999	48.471	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	327167	48.524	ug/l	98
85) sec-Butylbenzene	13.25	105	398545	47.999	ug/l	99
86) p-Isopropyltoluene	13.36	119	351274	48.892	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	170706	48.281	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	172091	48.249	ug/l	99
89) n-Butylbenzene	13.69	91	346897	47.990	ug/l	100
90) Hexachloroethane	13.95	117	64236	47.455	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	160447	49.195	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	12313	45.639	ug/l	94

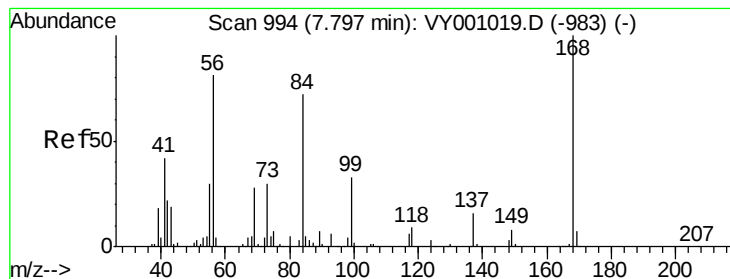
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	104532	47.484	ug/l	99
94) Hexachlorobutadiene	15.11	225	46470	44.359	ug/l	99
95) Naphthalene	15.23	128	248747	48.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	93644	47.699	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

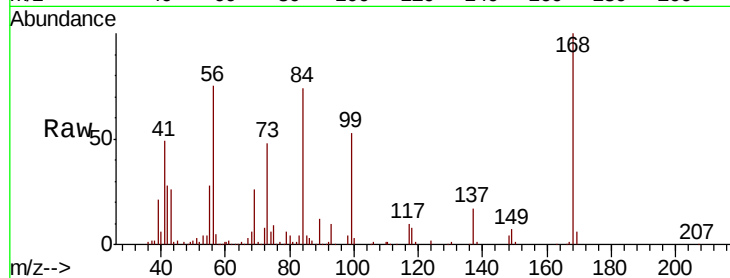
SB-2-(4-5)MSD

Tgt Ion:168 Resp: 146053

Ion Ratio Lower Upper

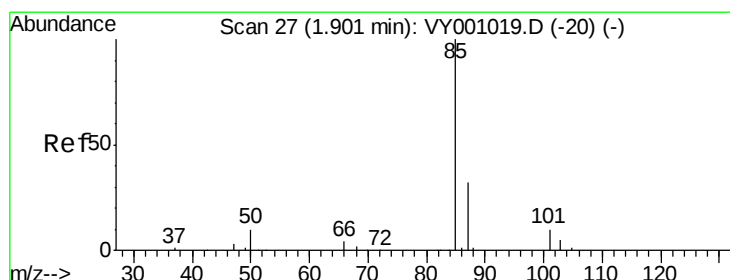
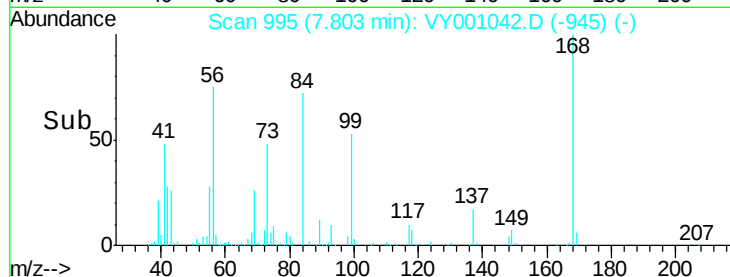
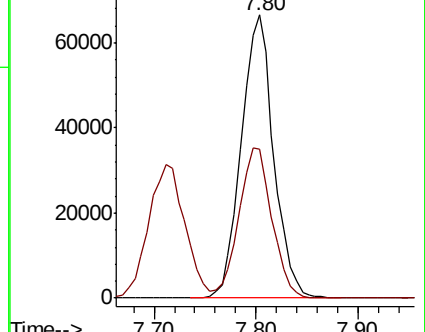
168 100

99 52.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): VY001019.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001019.D (-983) (-)



#2

Dichlorodifluoromethane

Concen: 50.635 ug/l

RT: 1.90 min Scan# 27

Delta R.T. 0.00 min

Lab File: VY001042.D

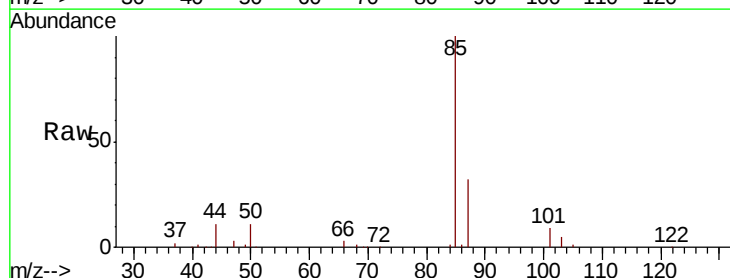
Acq: 24 Dec 2019 13:03

Tgt Ion: 85 Resp: 64442

Ion Ratio Lower Upper

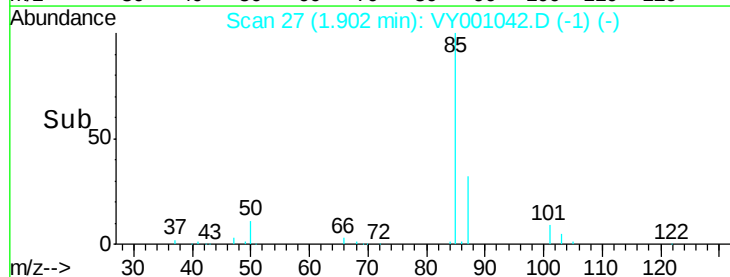
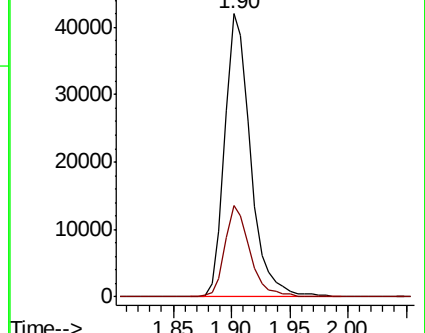
85 100

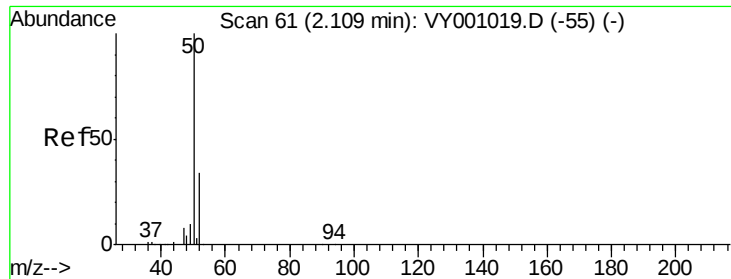
87 32.5 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY001019.D (-20) (-)

Ion 86.90 (86.60 to 87.60): VY001019.D (-20) (-)





#3

Chloromethane

Concen: 49.403 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

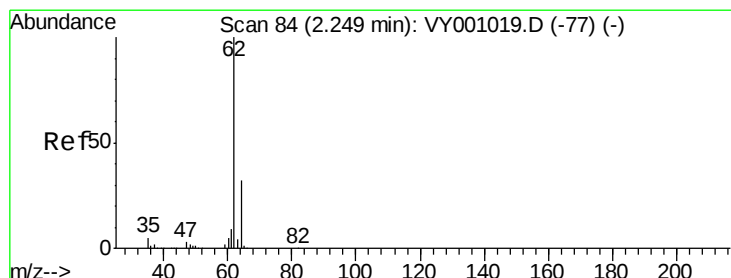
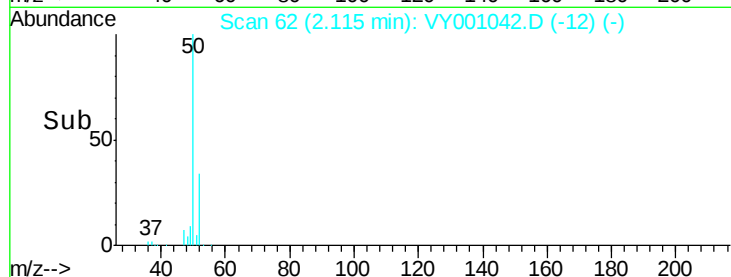
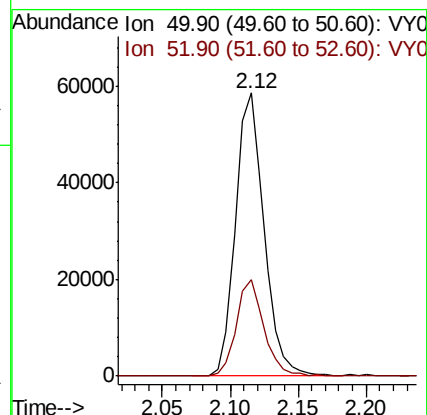
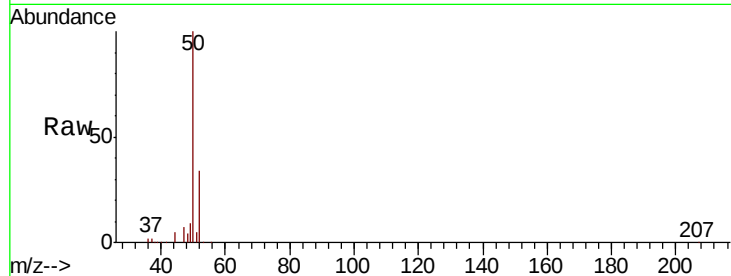
SB-2-(4-5)MSD

Tgt Ion: 50 Resp: 85572

Ion Ratio Lower Upper

50 100

52 34.2 27.1 40.7



#4

Vinyl Chloride

Concen: 51.622 ug/l

RT: 2.25 min Scan# 84

Delta R.T. 0.00 min

Lab File: VY001042.D

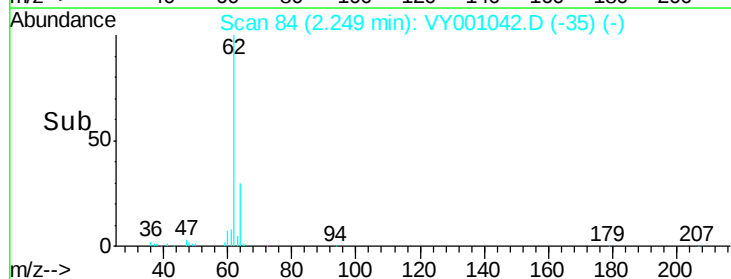
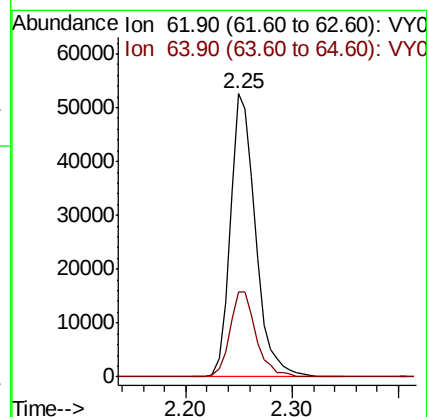
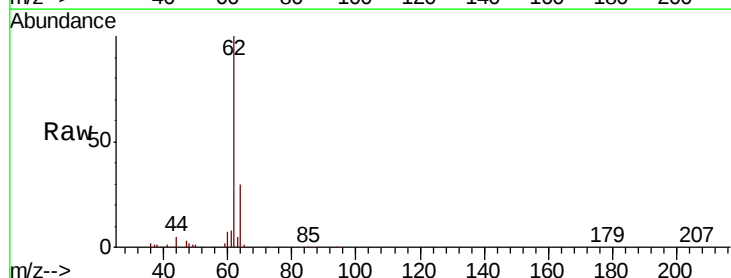
Acq: 24 Dec 2019 13:03

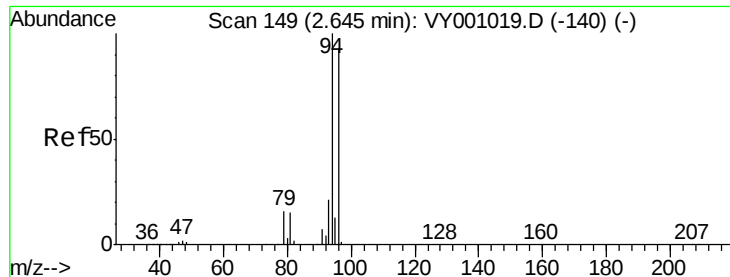
Tgt Ion: 62 Resp: 86835

Ion Ratio Lower Upper

62 100

64 30.1 25.6 38.4





#5

Bromomethane

Concen: 52.639 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

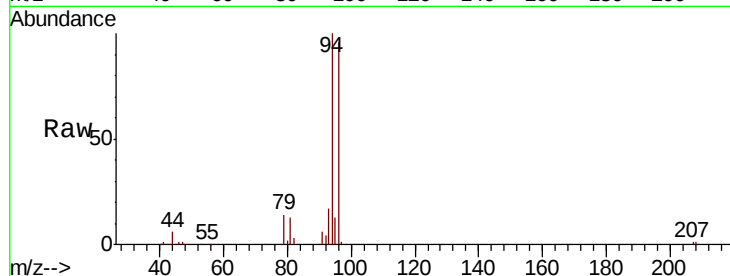
SB-2-(4-5)MSD

Tgt Ion: 94 Resp: 55268

Ion Ratio Lower Upper

94 100

96 96.2 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.66

30000

25000

20000

15000

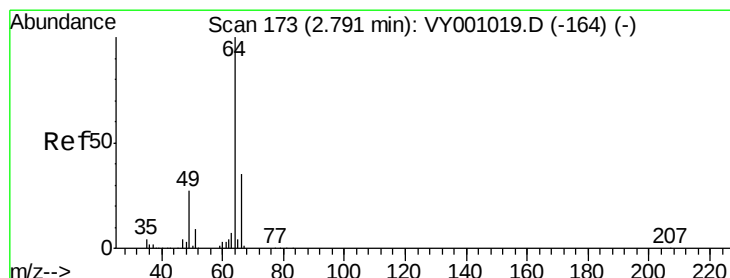
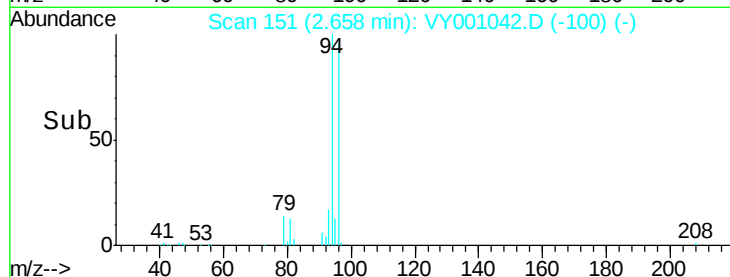
10000

5000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 53.263 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.01 min

Lab File: VY001042.D

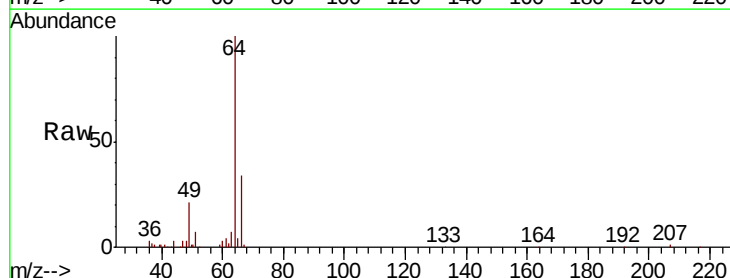
Acq: 24 Dec 2019 13:03

Tgt Ion: 64 Resp: 55803

Ion Ratio Lower Upper

64 100

66 34.3 27.8 41.6



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.80

30000

25000

20000

15000

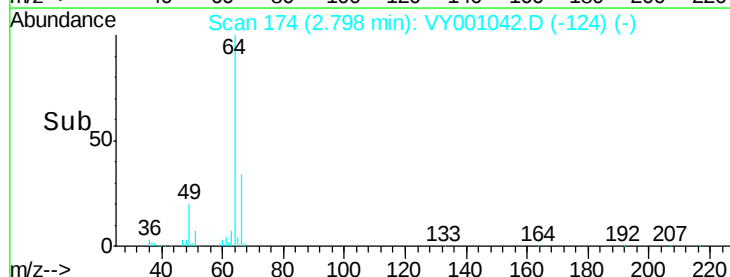
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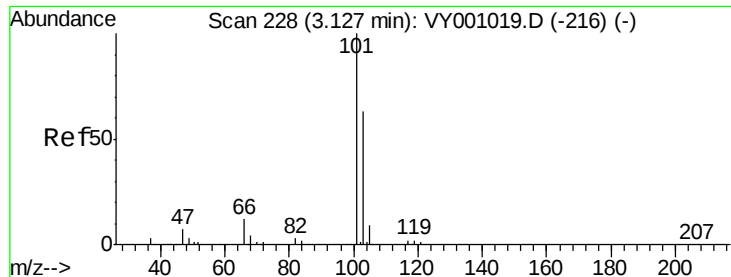
5000

0

Time-->

2.70 2.80 2.90



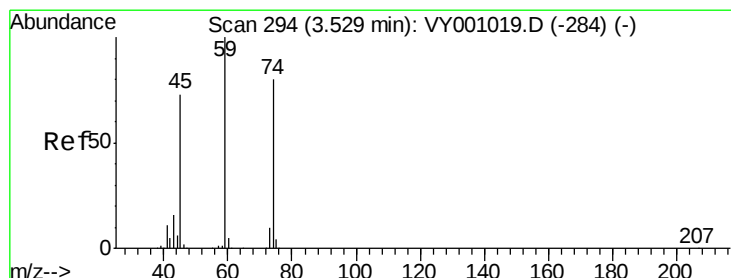
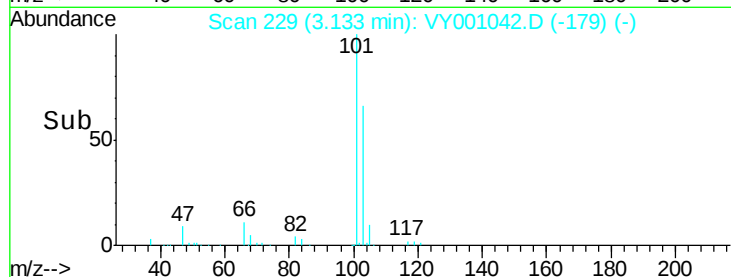
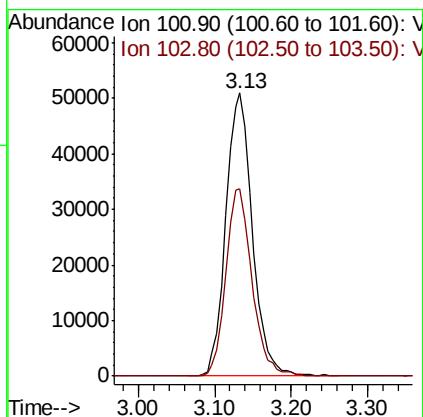
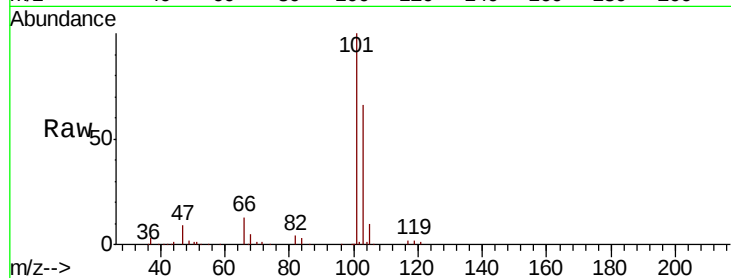


#7

Trichlorofluoromethane
 Concen: 49.412 ug/l
 RT: 3.13 min Scan# 229
 Delta R.T. 0.01 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Instrument :
 MSVOA_Y
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 SB-2-(4-5)MSD

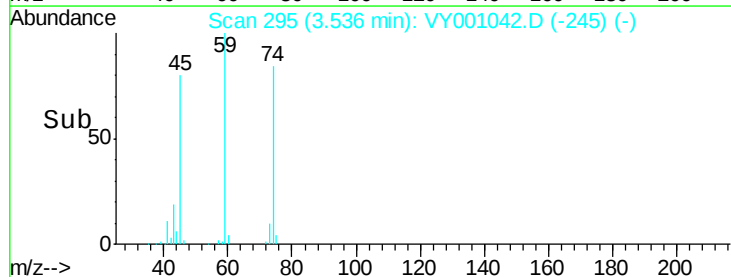
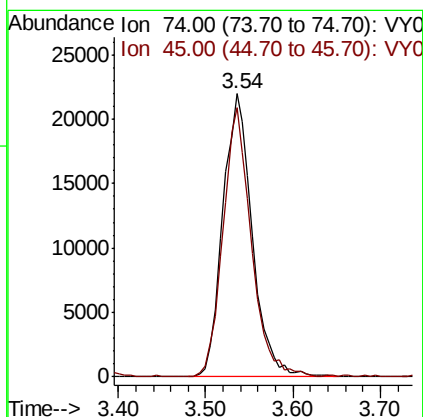
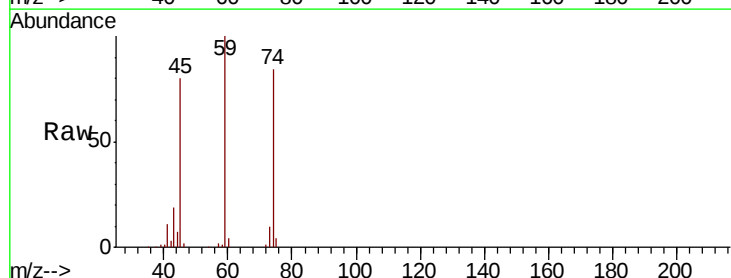
Tgt Ion:101 Resp: 121911
 Ion Ratio Lower Upper
 101 100
 103 66.4 50.2 75.2

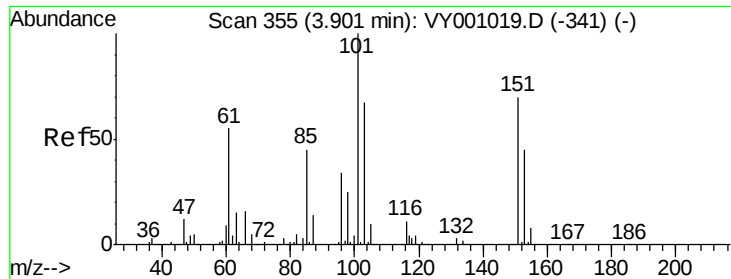


#8

Diethyl Ether
 Concen: 50.834 ug/l
 RT: 3.54 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 74 Resp: 51196
 Ion Ratio Lower Upper
 74 100
 45 91.9 46.4 139.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.473 ug/l

RT: 3.91 min Scan# 357

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

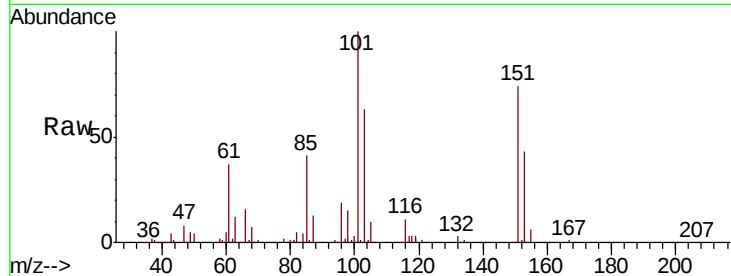
Tgt Ion:101 Resp: 80179

Ion Ratio Lower Upper

101 100

85 43.0 34.2 51.2

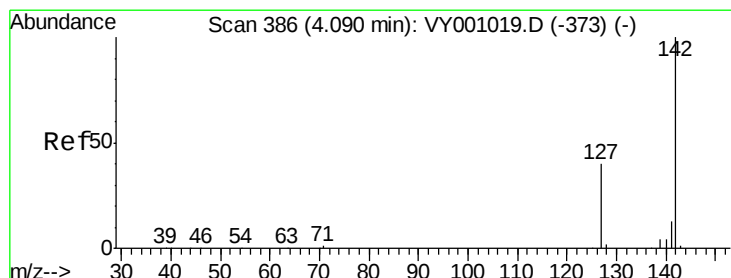
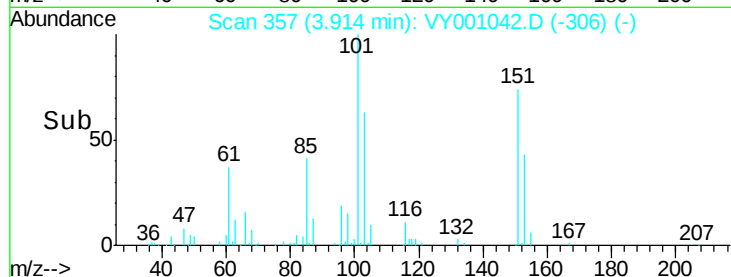
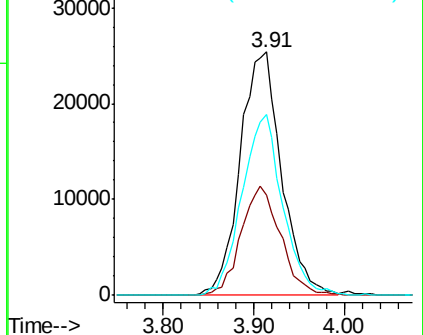
151 73.1 57.0 85.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.258 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

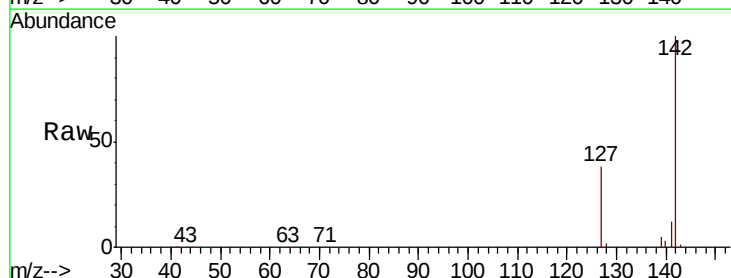
Tgt Ion:142 Resp: 110298

Ion Ratio Lower Upper

142 100

127 39.2 31.2 46.8

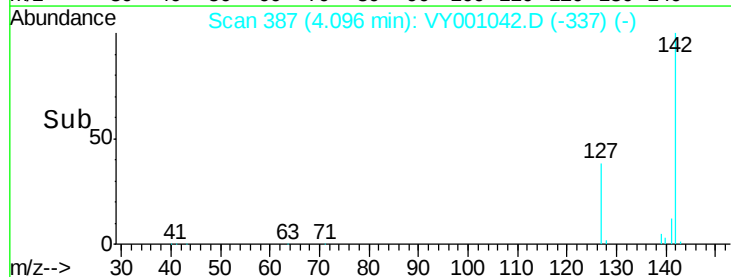
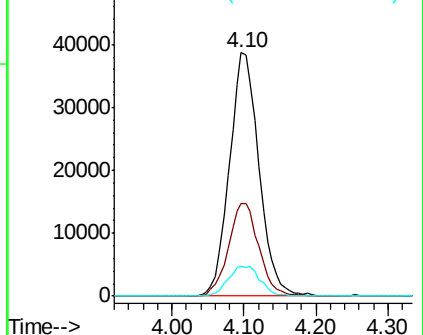
141 13.3 11.0 16.4

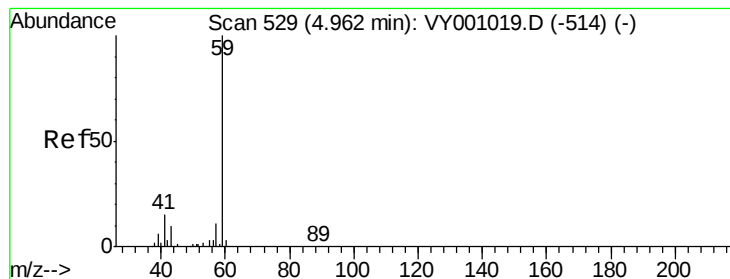


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



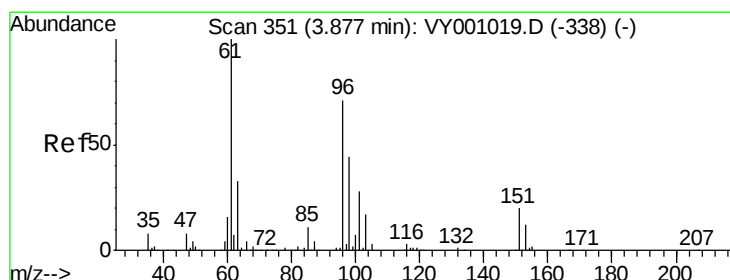
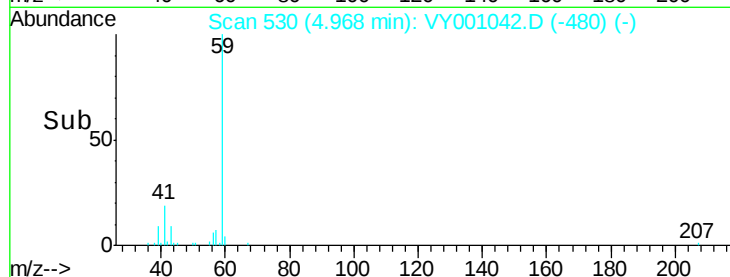
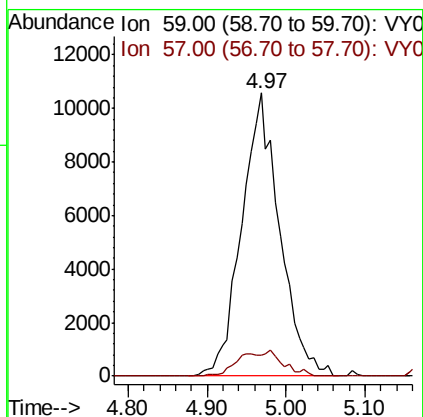
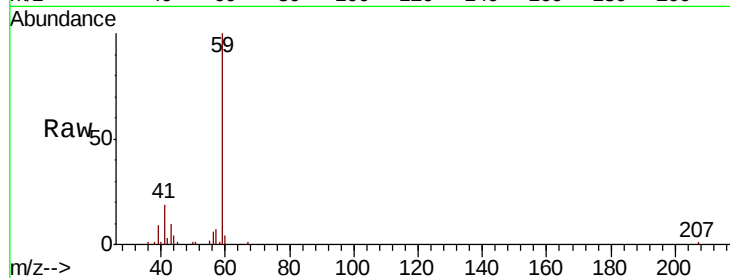


#11

Tert butyl alcohol
 Concen: 223.492 ug/l
 RT: 4.97 min Scan# 530
 Delta R.T. 0.01 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

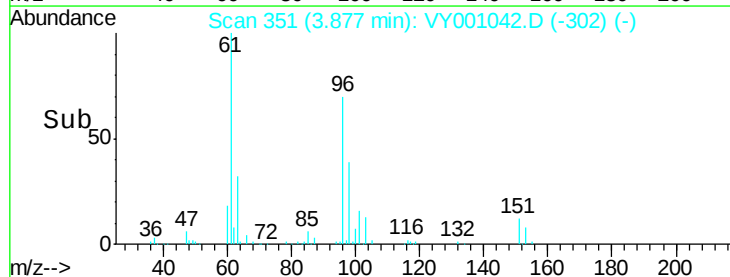
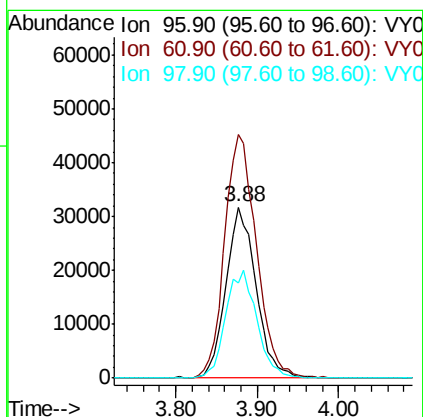
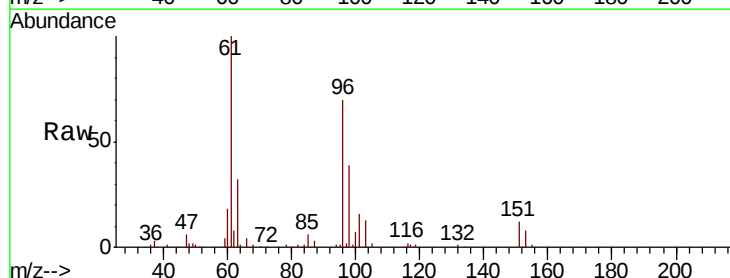
Tgt Ion: 59 Resp: 35398
 Ion Ratio Lower Upper
 59 100
 57 5.8 7.8 11.6#

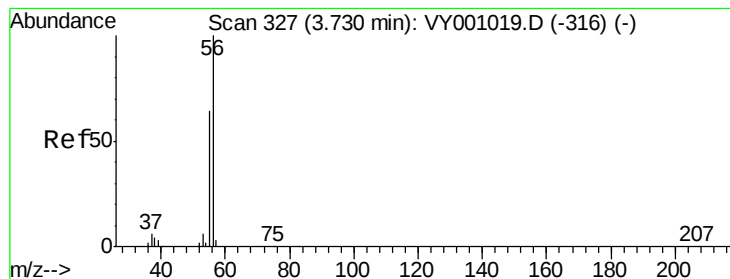


#12

1,1-Dichloroethene
 Concen: 49.458 ug/l
 RT: 3.88 min Scan# 351
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 96 Resp: 81150
 Ion Ratio Lower Upper
 96 100
 61 142.6 113.0 169.4
 98 55.8 49.8 74.8





#13

Acrolein

Concen: 174.659 ug/l

RT: 3.74 min Scan# 328

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

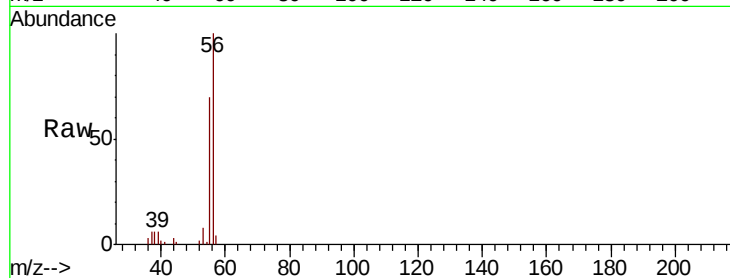
SB-2-(4-5)MSD

Tgt Ion: 56 Resp: 34276

Ion Ratio Lower Upper

56 100

55 72.3 55.6 83.4



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

15000

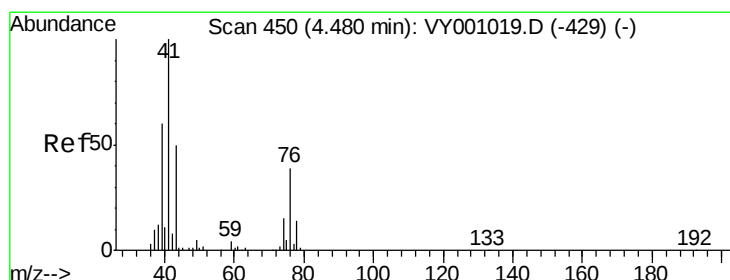
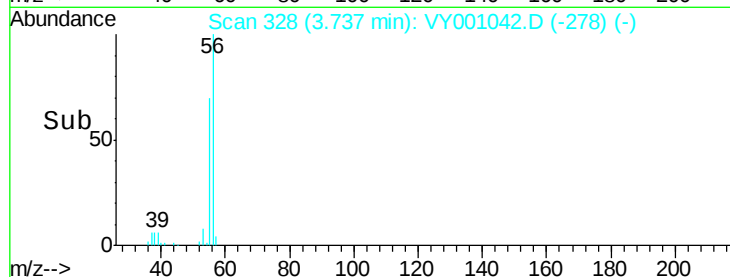
10000

5000

0

3.70 3.74 3.80

Time-->



#14

Allyl chloride

Concen: 50.455 ug/l

RT: 4.49 min Scan# 452

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

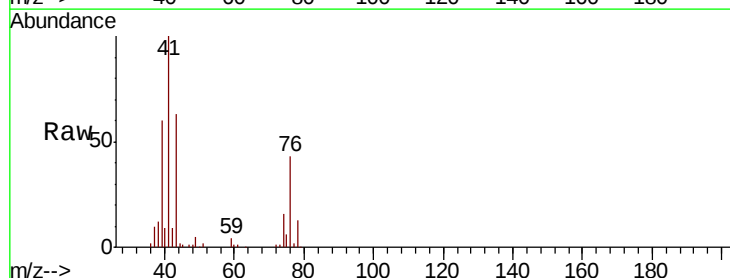
Tgt Ion: 41 Resp: 128608

Ion Ratio Lower Upper

41 100

39 58.2 46.0 69.0

76 39.8 32.6 48.8



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

50000

40000

30000

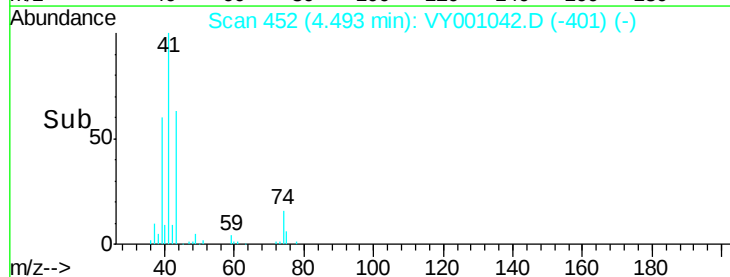
20000

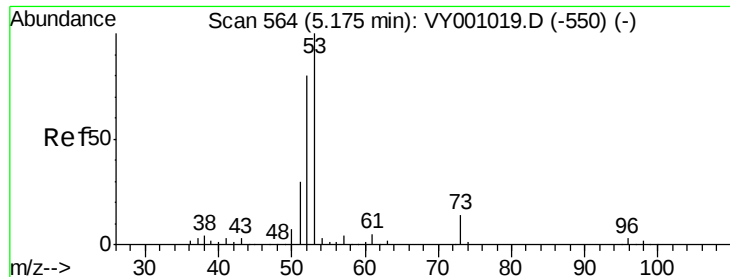
10000

0

4.30 4.40 4.49 4.60

Time-->

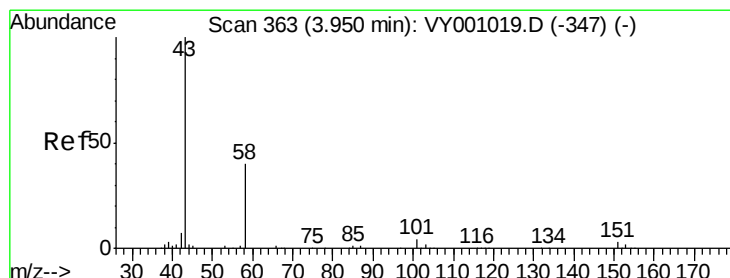
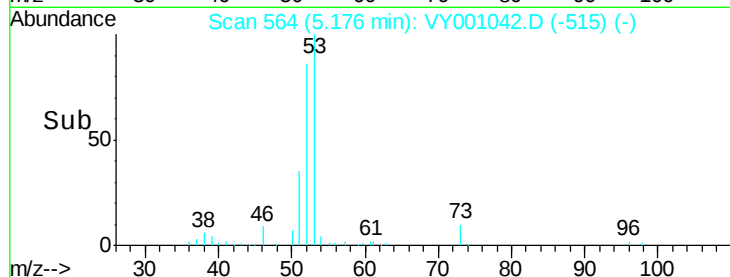
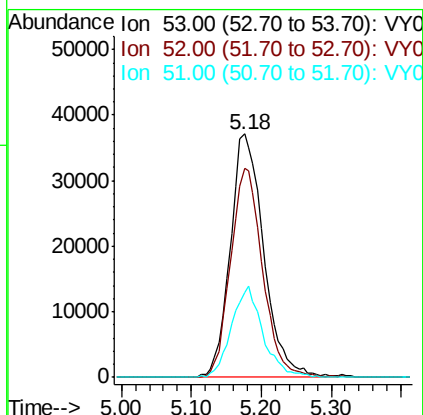
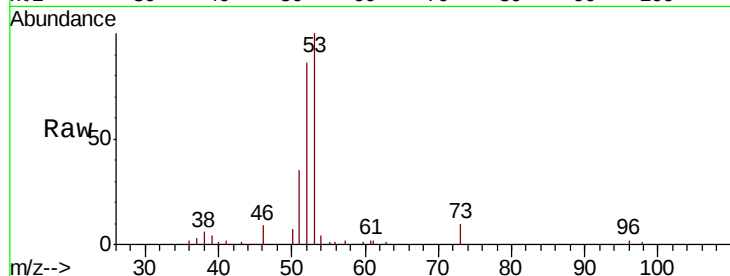




#15
 Acrylonitrile
 Concen: 245.482 ug/l
 RT: 5.18 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

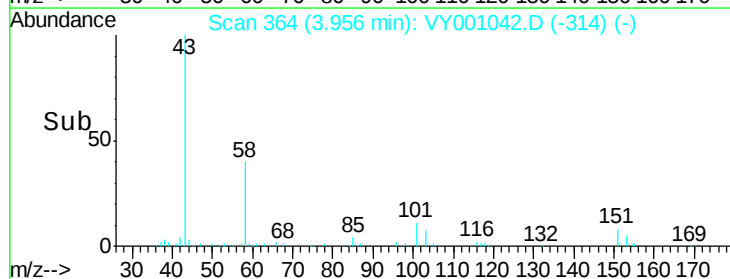
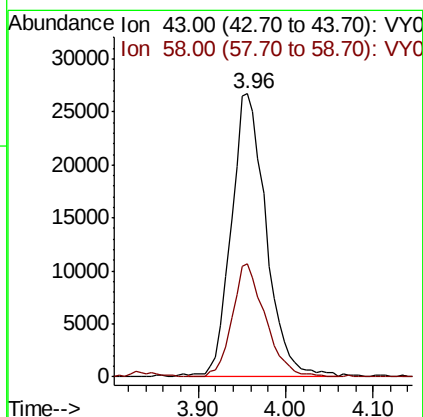
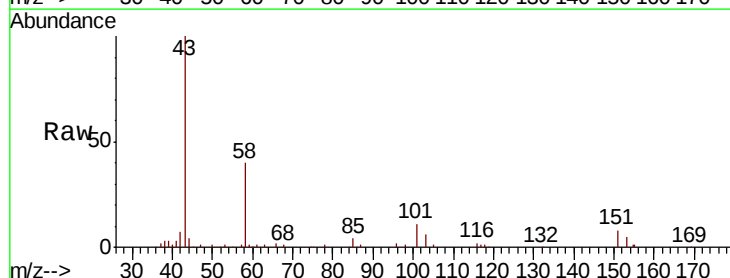
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

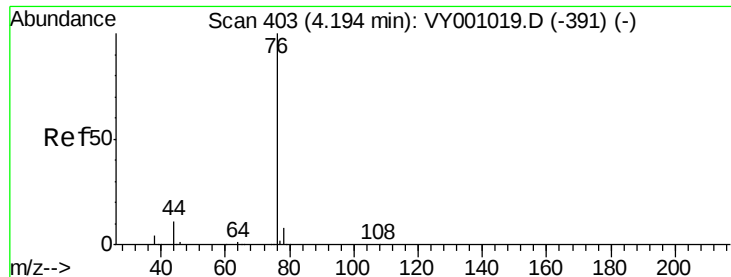
Tgt Ion: 53 Resp: 123559
 Ion Ratio Lower Upper
 53 100
 52 82.0 63.6 95.4
 51 35.4 26.7 40.1



#16
 Acetone
 Concen: 223.197 ug/l
 RT: 3.96 min Scan# 364
 Delta R.T. 0.01 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 43 Resp: 74068
 Ion Ratio Lower Upper
 43 100
 58 40.2 32.1 48.1

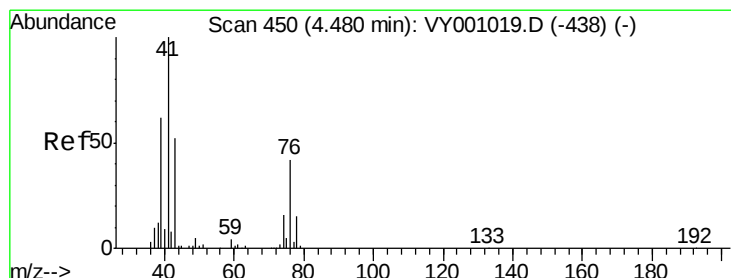
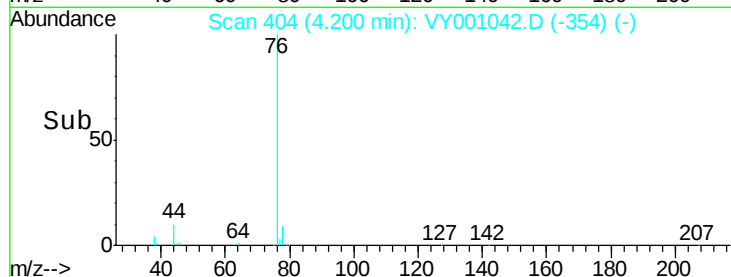
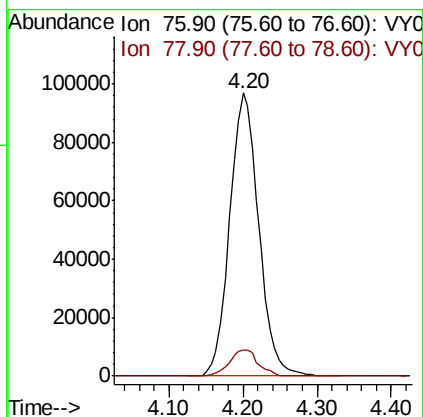
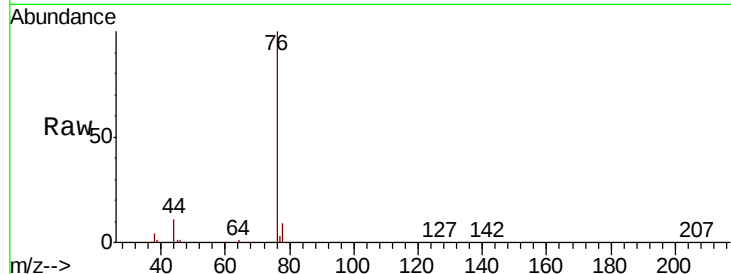




#17
Carbon Disulfide
Concen: 49.258 ug/l
RT: 4.20 min Scan# 404
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

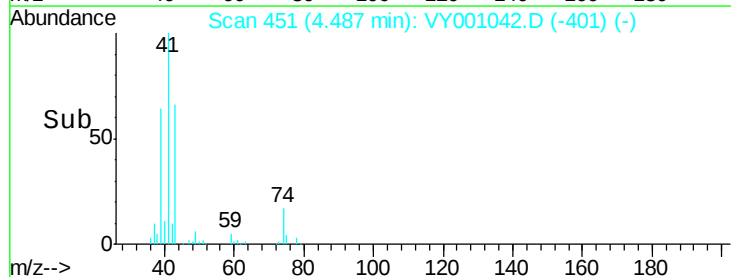
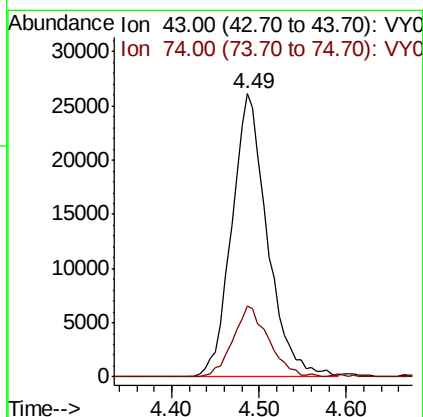
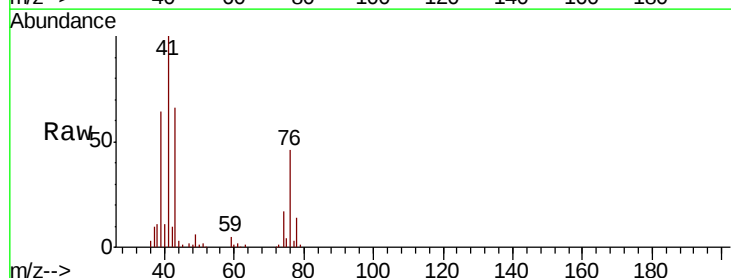
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

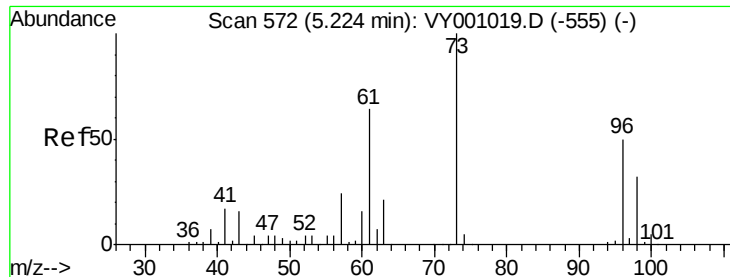
Tgt Ion: 76 Resp: 264103
Ion Ratio Lower Upper
76 100
78 9.1 6.7 10.1



#18
Methyl Acetate
Concen: 57.942 ug/l
RT: 4.49 min Scan# 451
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 43 Resp: 73770
Ion Ratio Lower Upper
43 100
74 24.8 20.7 31.1

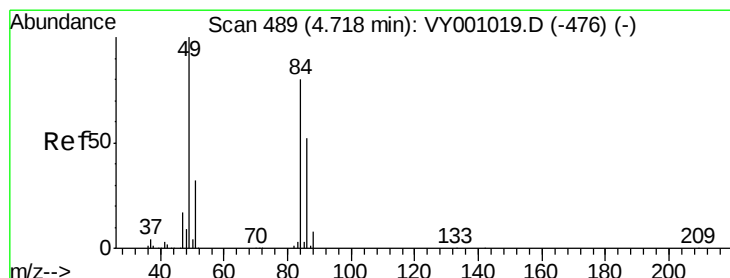
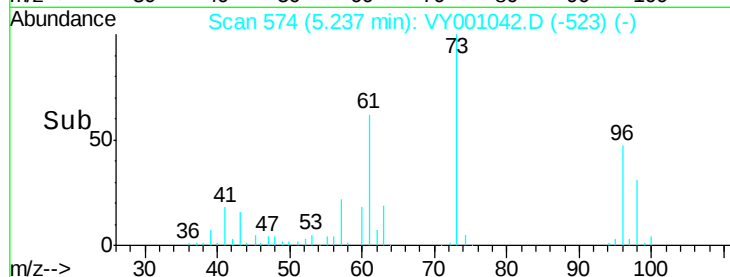
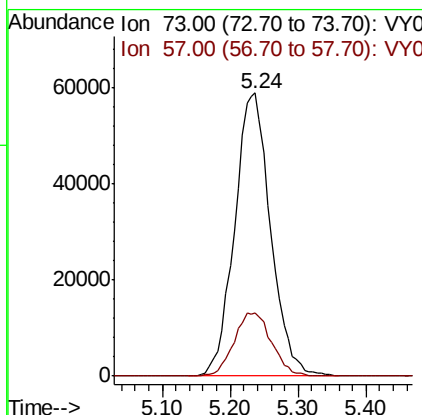
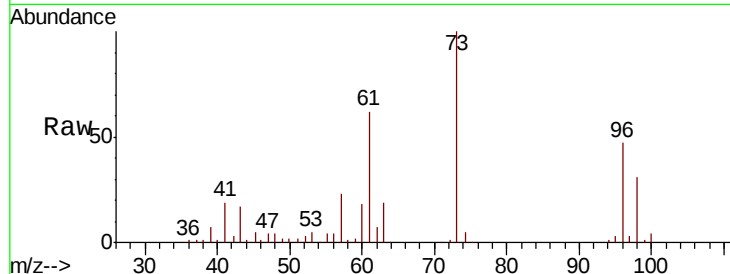




#19
Methyl tert-butyl Ether
Concen: 50.937 ug/l
RT: 5.24 min Scan# 574
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

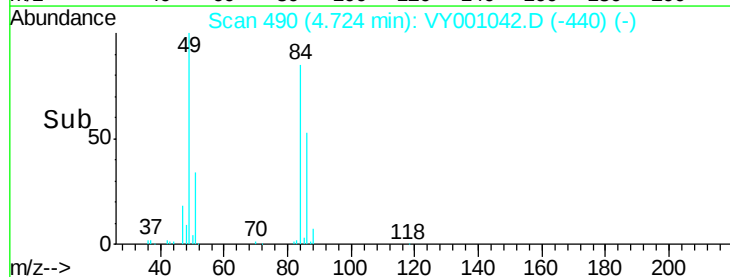
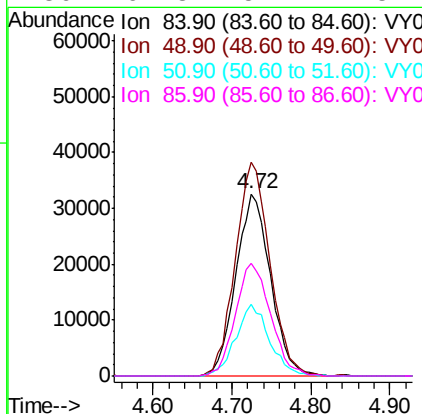
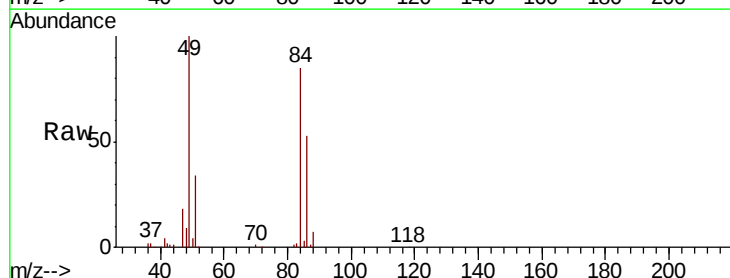
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

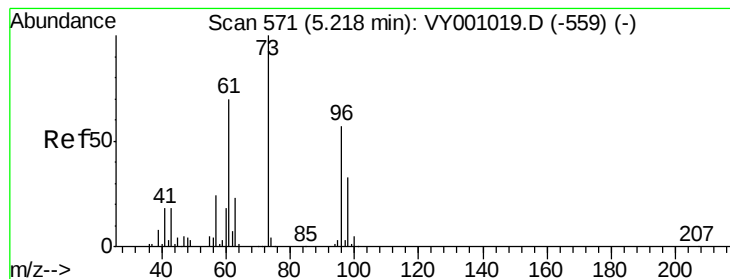
Tgt Ion: 73 Resp: 215712
Ion Ratio Lower Upper
73 100
57 22.5 19.0 28.6



#20
Methylene Chloride
Concen: 51.024 ug/l
RT: 4.72 min Scan# 490
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 84 Resp: 99665
Ion Ratio Lower Upper
84 100
49 117.4 99.8 149.6
51 39.6 31.4 47.2
86 61.8 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.765 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

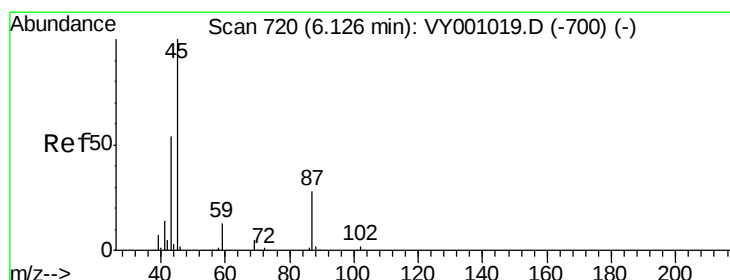
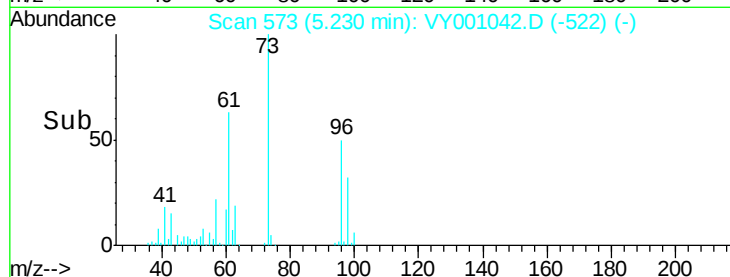
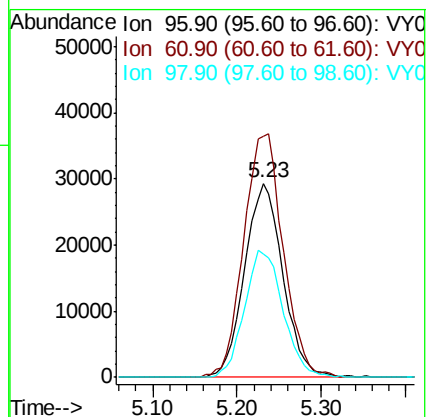
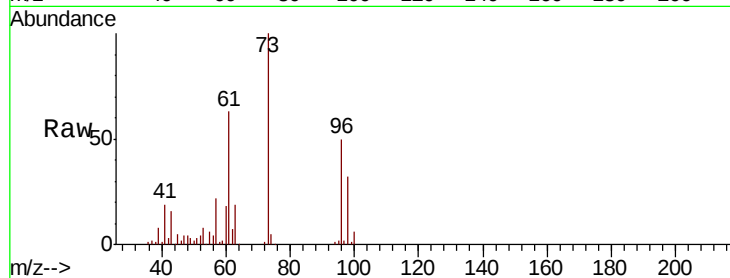
Tgt Ion: 96 Resp: 90493

Ion Ratio Lower Upper

96 100

61 124.1 98.1 147.1

98 63.3 47.2 70.8



#22

Diisopropyl ether

Concen: 52.581 ug/l

RT: 6.13 min Scan# 721

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Tgt Ion: 45 Resp: 270905

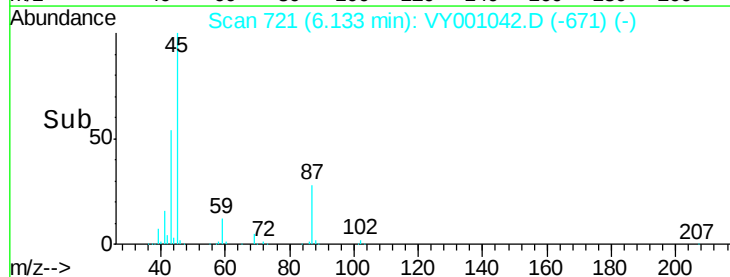
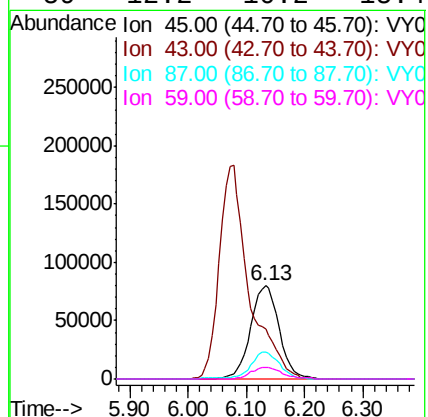
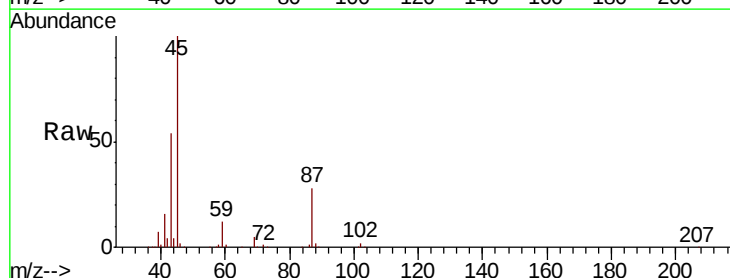
Ion Ratio Lower Upper

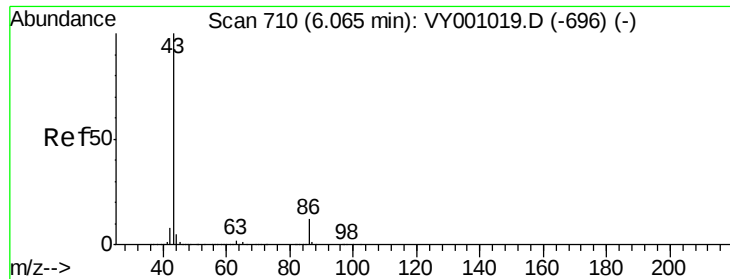
45 100

43 53.3 43.6 65.4

87 28.4 23.1 34.7

59 12.2 10.2 15.4





#23

Vinyl Acetate

Concen: 199.145 ug/l

RT: 6.08 min Scan# 712

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

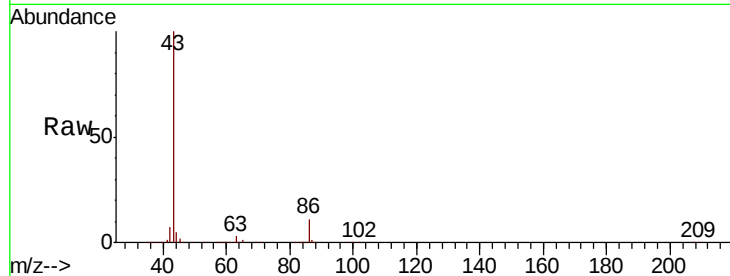
SB-2-(4-5)MSD

Tgt Ion: 43 Resp: 647976

Ion Ratio Lower Upper

43 100

86 10.7 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0

6.08

200000

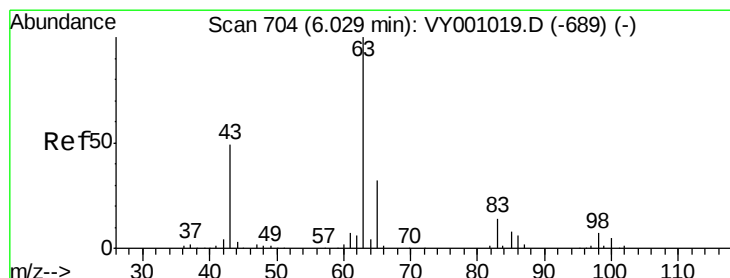
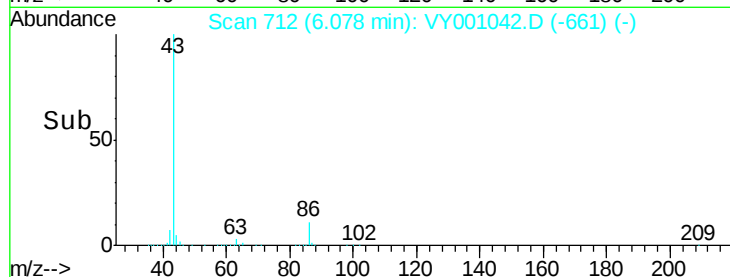
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 50.092 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

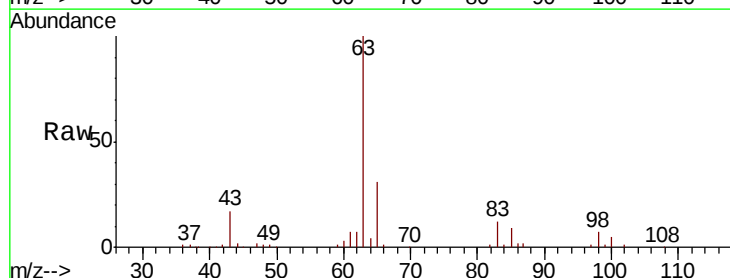
Tgt Ion: 63 Resp: 152514

Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.2

100 4.9 2.5 7.5



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

6.03

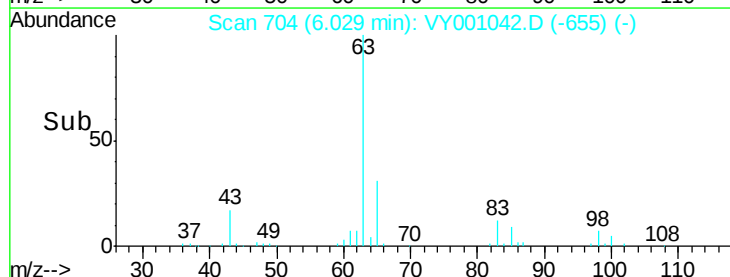
60000

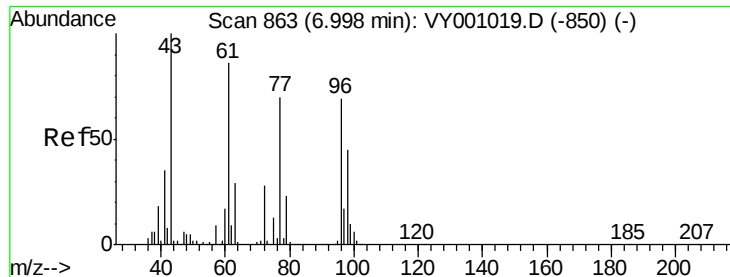
40000

20000

0

Time-->





#25

2-Butanone

Concen: 243.069 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

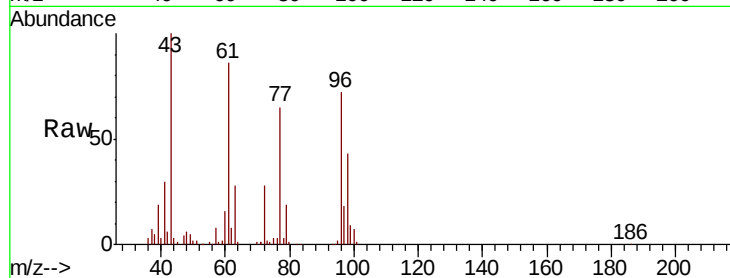
SB-2-(4-5)MSD

Tgt Ion: 43 Resp: 141703

Ion Ratio Lower Upper

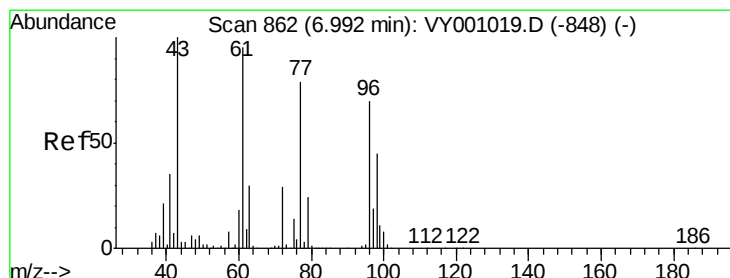
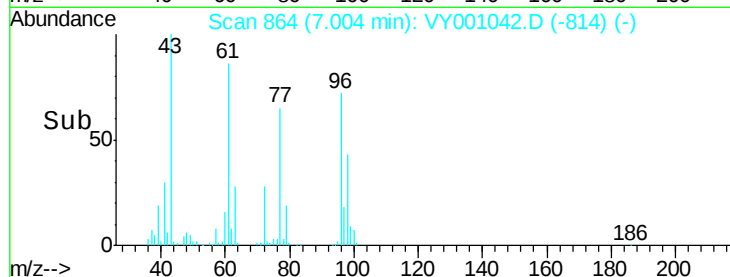
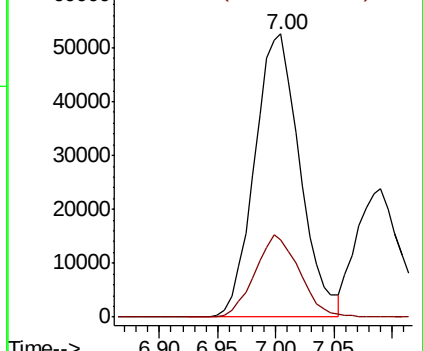
43 100

72 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 46.902 ug/l

RT: 6.99 min Scan# 862

Delta R.T. 0.00 min

Lab File: VY001042.D

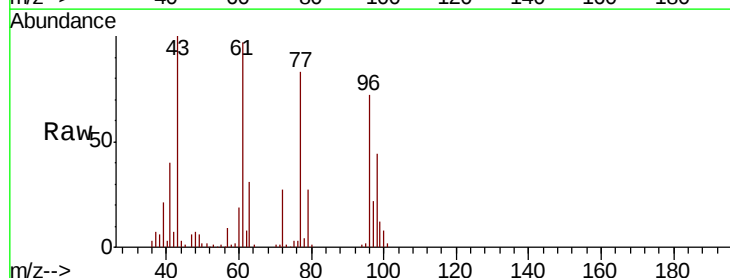
Acq: 24 Dec 2019 13:03

Tgt Ion: 77 Resp: 117322

Ion Ratio Lower Upper

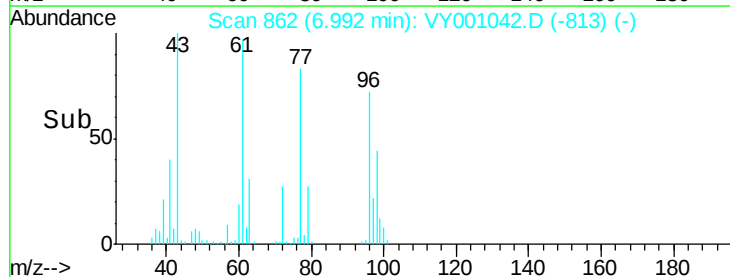
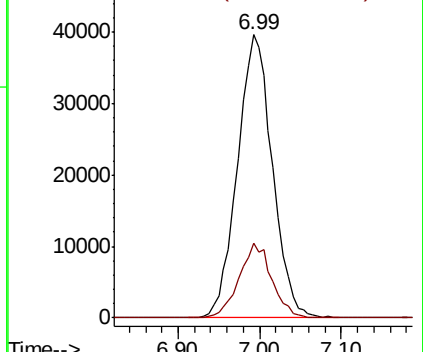
77 100

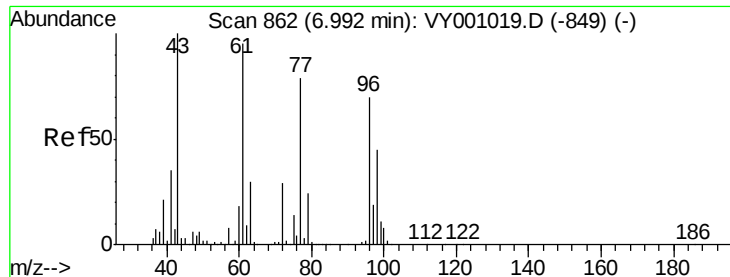
97 24.7 12.0 36.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0



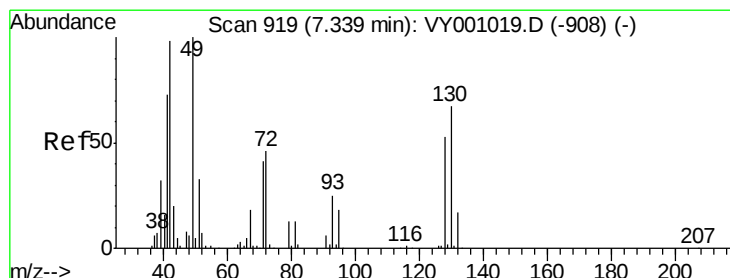
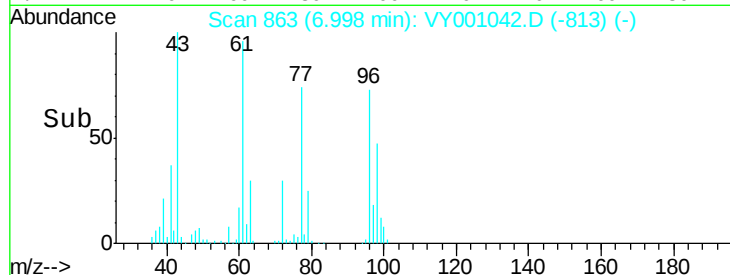
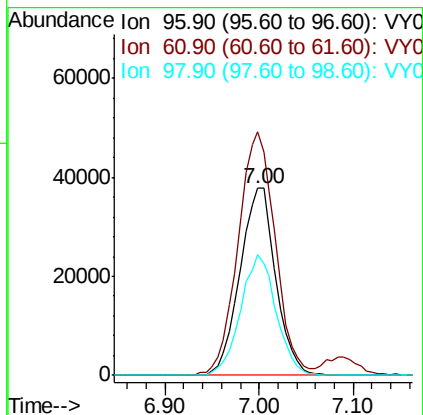
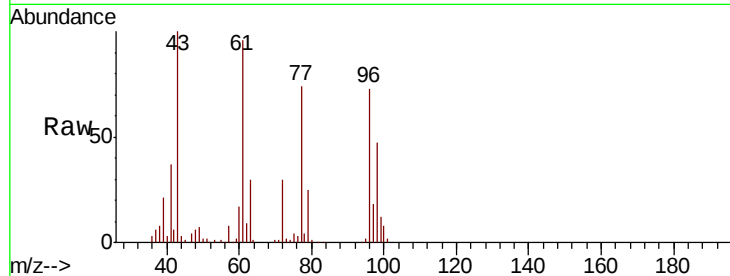


#27

cis-1,2-Dichloroethene
Concen: 50.530 ug/l
RT: 7.00 min Scan# 863
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

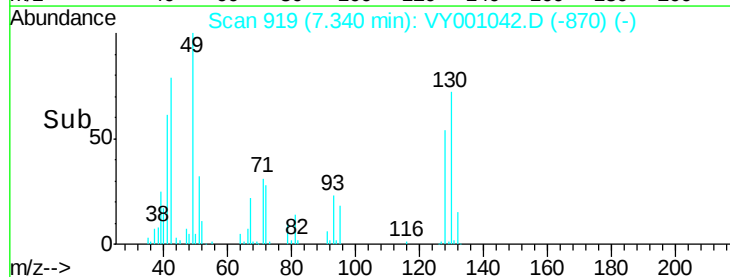
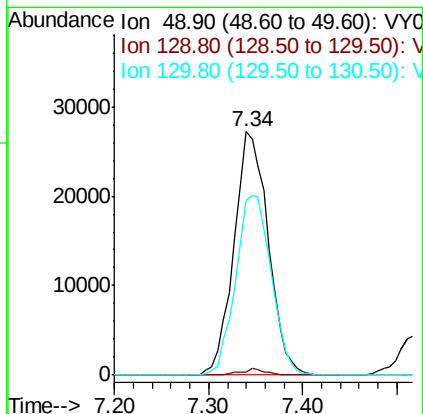
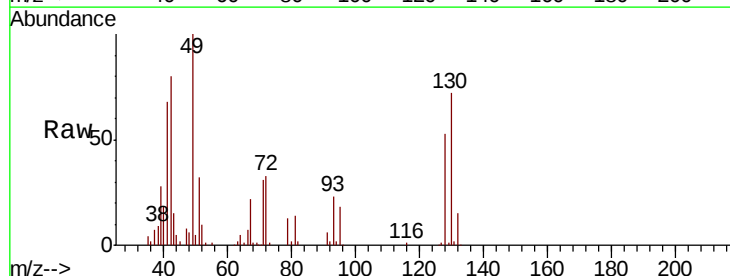
Tgt Ion: 96 Resp: 100948
Ion Ratio Lower Upper
96 100
61 134.6 0.0 268.2
98 63.9 0.0 129.2

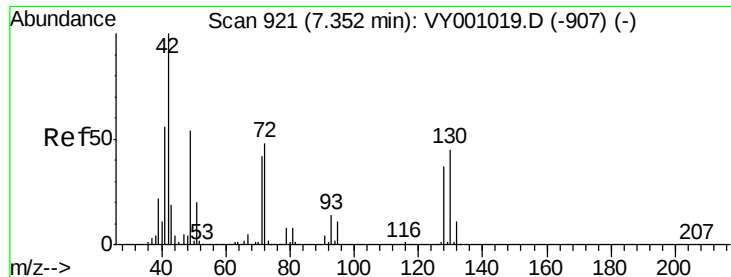


#28

Bromochloromethane
Concen: 58.264 ug/l
RT: 7.34 min Scan# 919
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 49 Resp: 69215
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 76.6 60.4 90.6

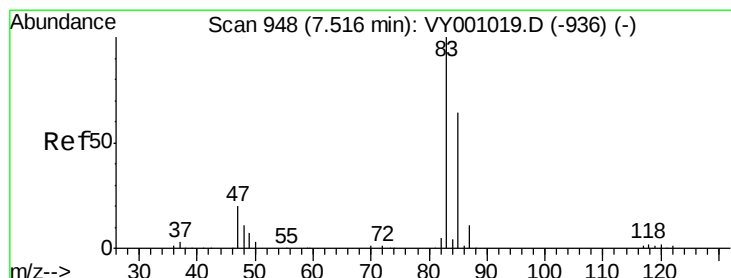
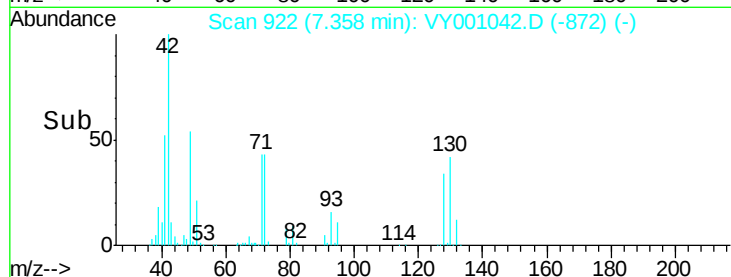
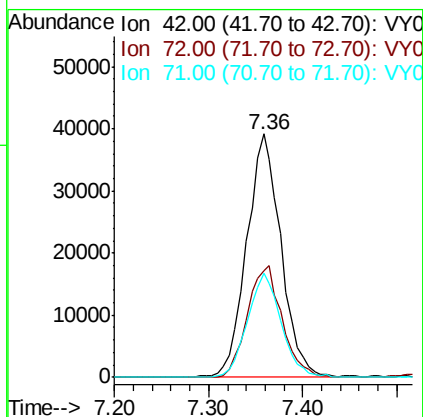
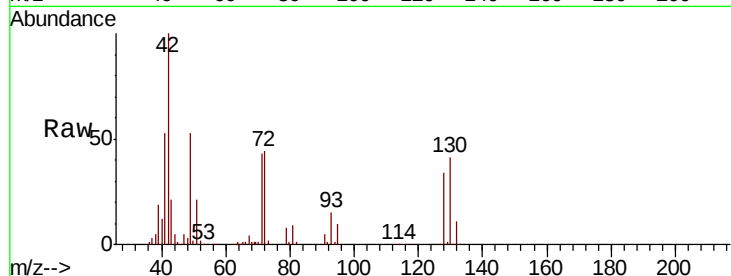




#29
Tetrahydrofuran
Concen: 241.407 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

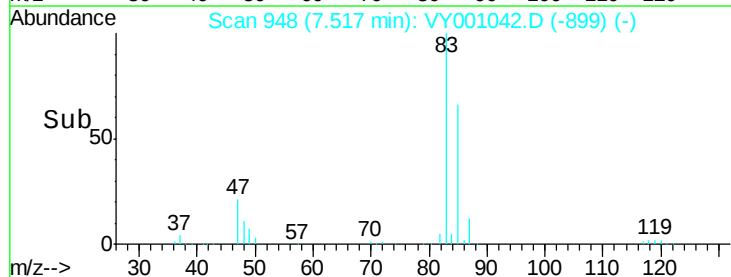
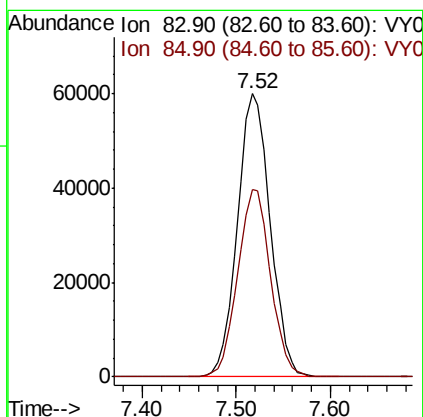
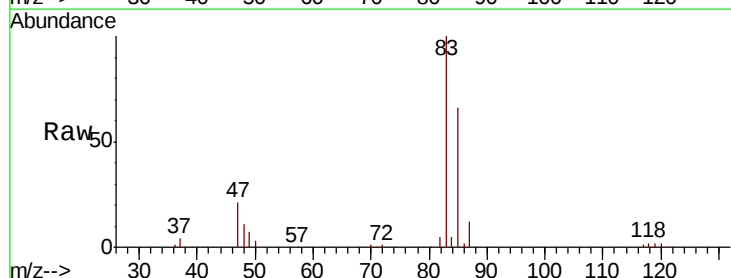
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

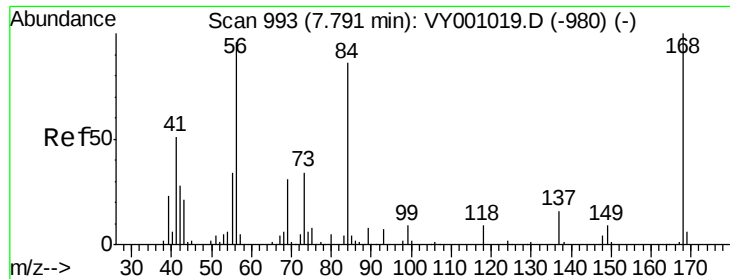
Tgt Ion: 42 Resp: 100108
Ion Ratio Lower Upper
42 100
72 46.3 37.7 56.5
71 42.1 34.6 51.8



#30
Chloroform
Concen: 50.740 ug/l
RT: 7.52 min Scan# 948
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 83 Resp: 146079
Ion Ratio Lower Upper
83 100
85 66.0 51.6 77.4

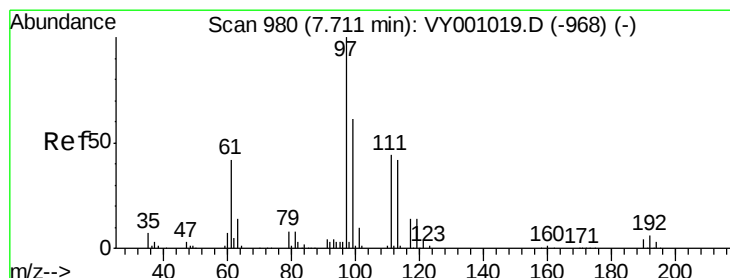
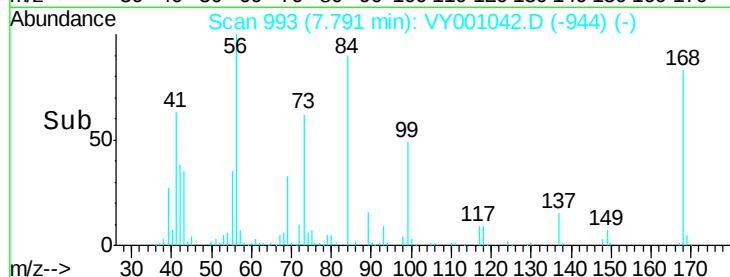
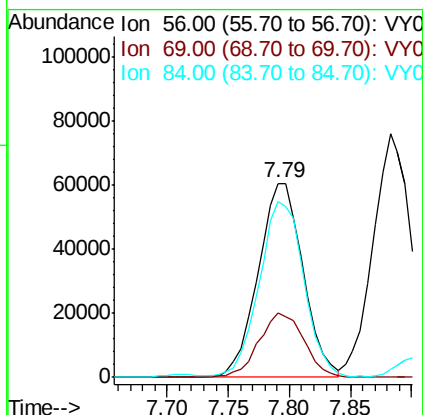
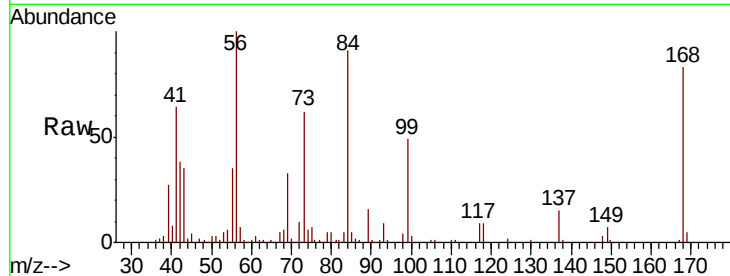




#31
Cyclohexane
Concen: 48.259 ug/l
RT: 7.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

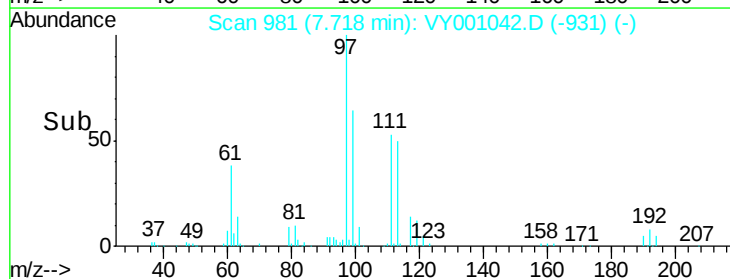
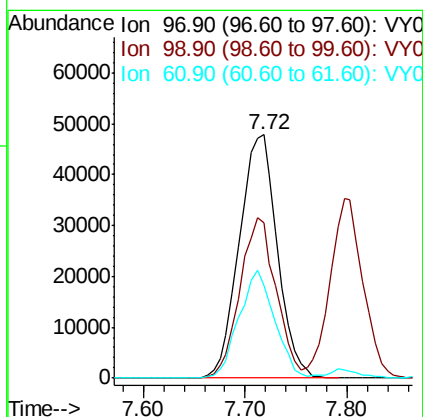
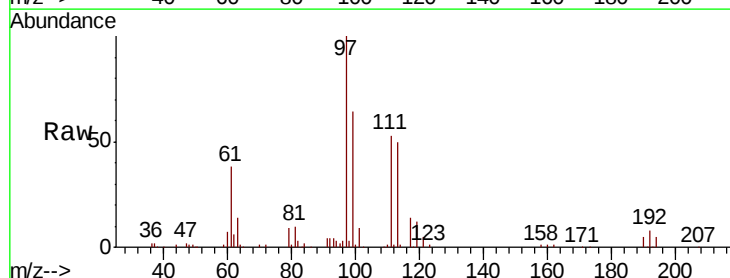
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

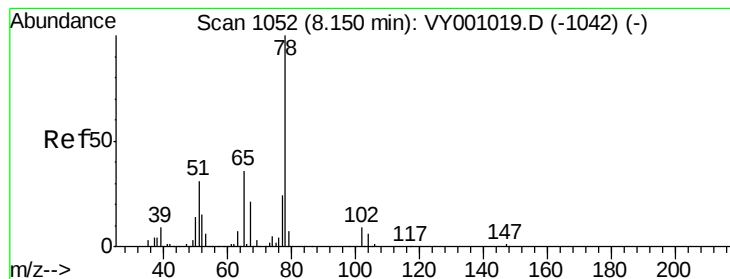
Tgt Ion: 56 Resp: 154504
Ion Ratio Lower Upper
56 100
69 33.0 26.1 39.1
84 89.4 71.8 107.8



#32
1,1,1-Trichloroethane
Concen: 50.541 ug/l
RT: 7.72 min Scan# 981
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 97 Resp: 124123
Ion Ratio Lower Upper
97 100
99 62.7 50.6 76.0
61 41.9 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 51.501 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

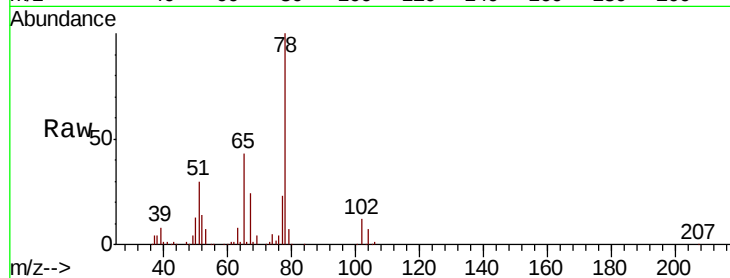
SB-2-(4-5)MSD

Tgt Ion: 65 Resp: 74186

Ion Ratio Lower Upper

65 100

67 56.4 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY001019.D (-1042) (-)

Ion 66.90 (66.60 to 67.60): VY001019.D (-1042) (-)

8.15

40000

30000

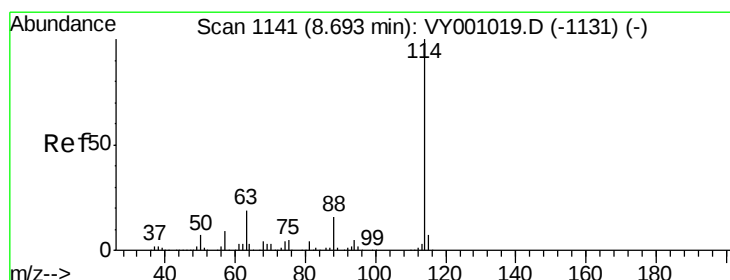
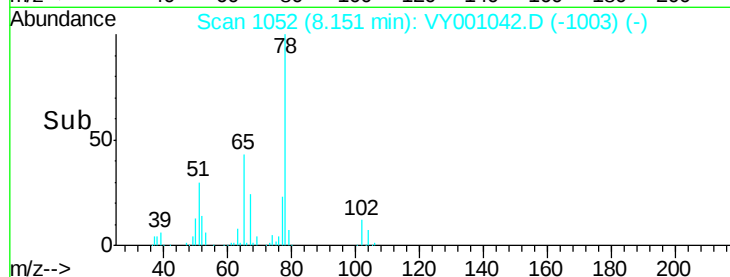
20000

10000

0

8.05 8.10 8.15 8.20 8.25

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

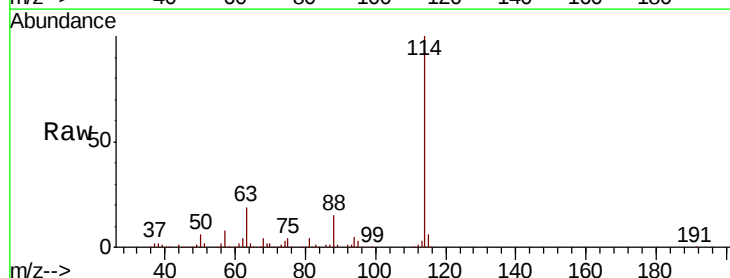
Tgt Ion: 114 Resp: 259616

Ion Ratio Lower Upper

114 100

63 19.1 0.0 37.0

88 14.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): VY001019.D (-1131) (-)

Ion 63.00 (62.70 to 63.70): VY001019.D (-1131) (-)

Ion 87.90 (87.60 to 88.60): VY001019.D (-1131) (-)

8.70

150000

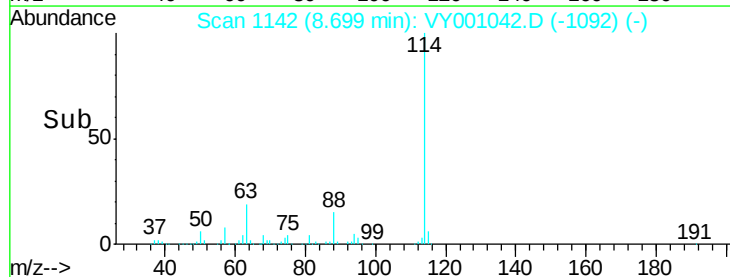
100000

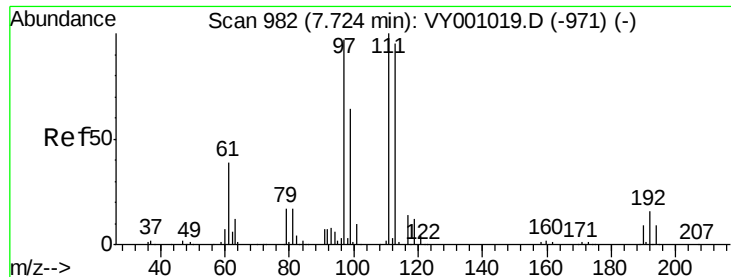
50000

0

8.60 8.65 8.70 8.75 8.80

Time-->

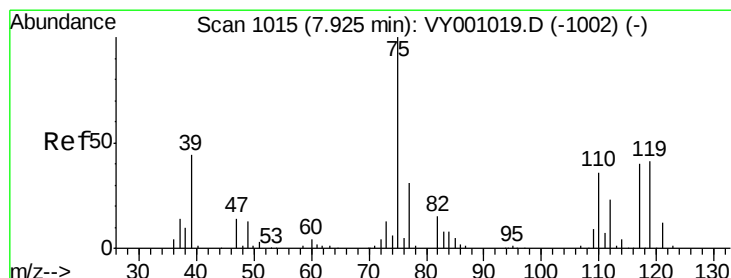
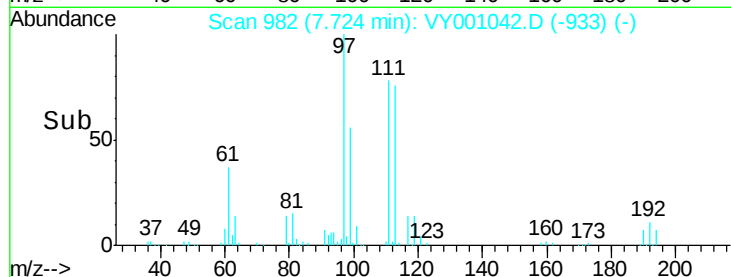
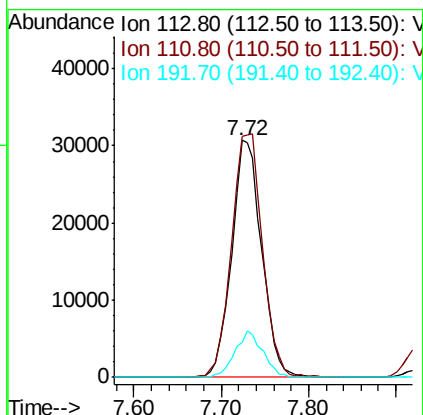
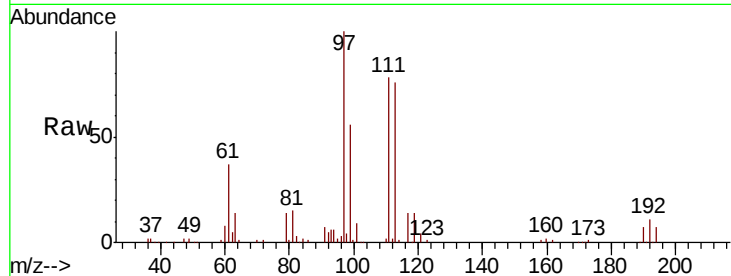




#35
 Dibromofluoromethane
 Concen: 47.966 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

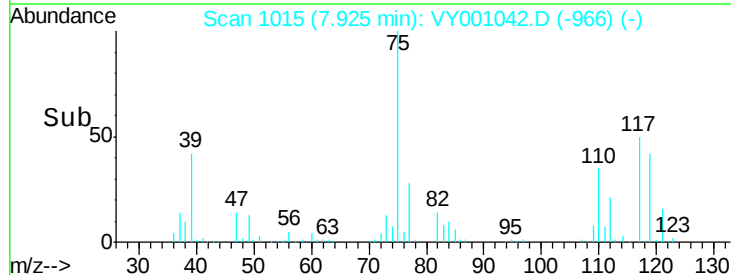
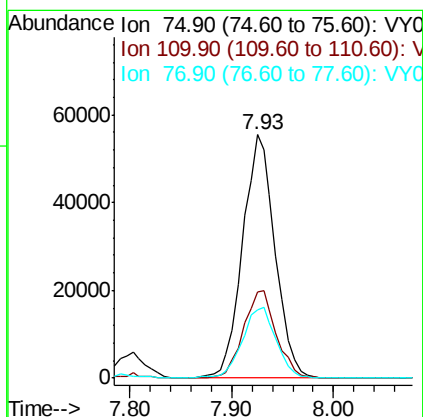
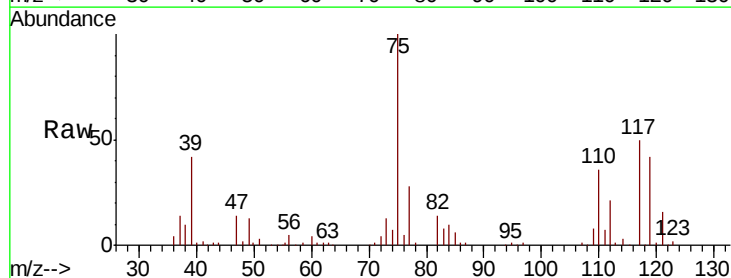
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

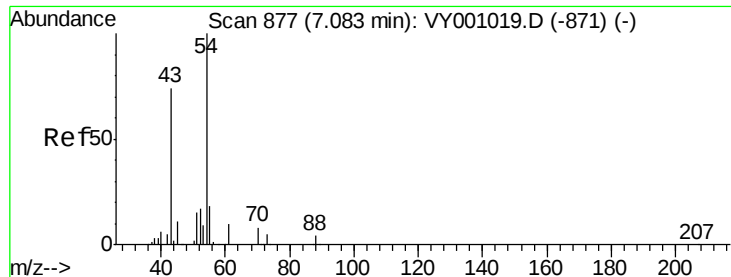
Tgt Ion: 113 Resp: 73328
 Ion Ratio Lower Upper
 113 100
 111 106.2 83.0 124.4
 192 18.1 14.6 21.8



#36
 1,1-Dichloropropene
 Concen: 49.441 ug/l
 RT: 7.93 min Scan# 1015
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 75 Resp: 122451
 Ion Ratio Lower Upper
 75 100
 110 36.4 18.1 54.4
 77 30.3 24.6 37.0





#37

Ethyl Acetate

Concen: 46.570 ug/l

RT: 7.09 min Scan# 878

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

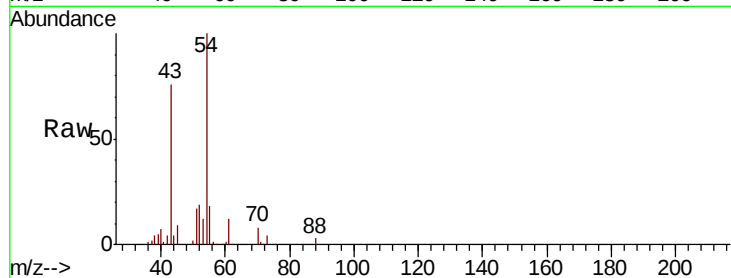
Tgt Ion: 43 Resp: 63866

Ion Ratio Lower Upper

43 100

61 14.9 12.5 18.7

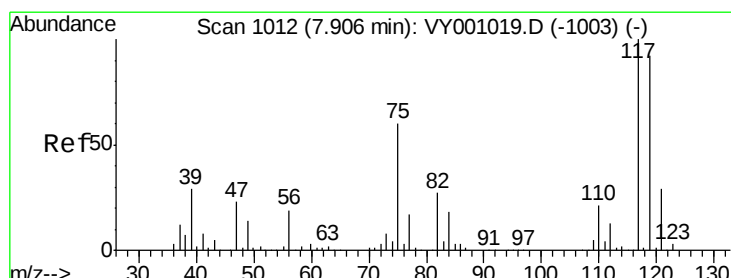
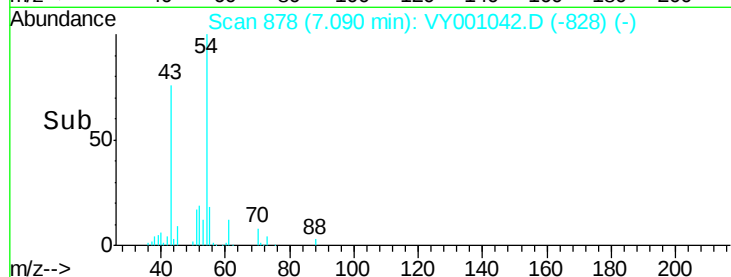
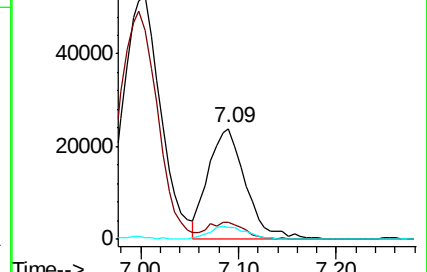
70 11.7 9.0 13.4



Abundance Ion 43.00 (42.70 to 43.70): VY001019.D (-871) (-)

Ion 60.90 (60.60 to 61.60): VY001019.D (-871) (-)

Ion 70.00 (69.70 to 70.70): VY001019.D (-871) (-)



#38

Carbon Tetrachloride

Concen: 49.032 ug/l

RT: 7.91 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

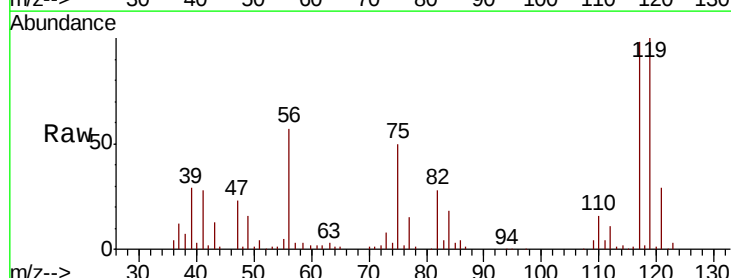
Tgt Ion: 117 Resp: 106397

Ion Ratio Lower Upper

117 100

119 101.8 74.2 111.2

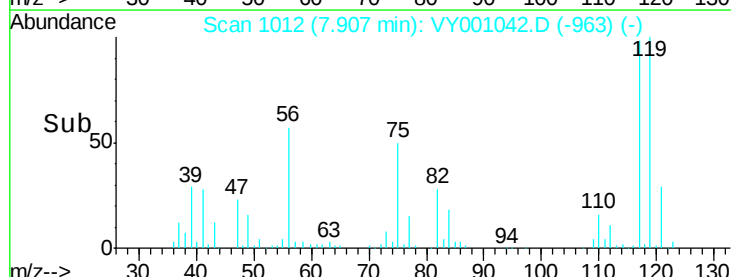
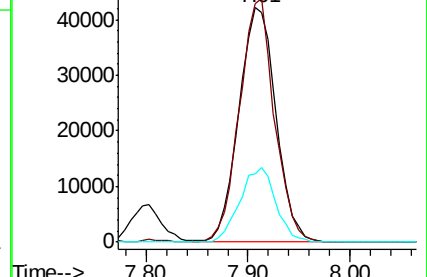
121 29.3 22.9 34.3

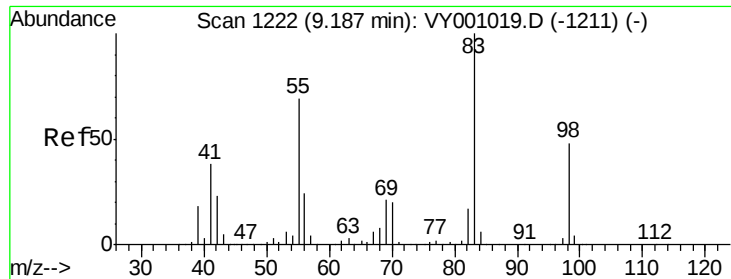


Abundance Ion 116.80 (116.50 to 117.50): VY001019.D (-1003) (-)

Ion 118.80 (118.50 to 119.50): VY001019.D (-1003) (-)

Ion 120.80 (120.50 to 121.50): VY001019.D (-1003) (-)

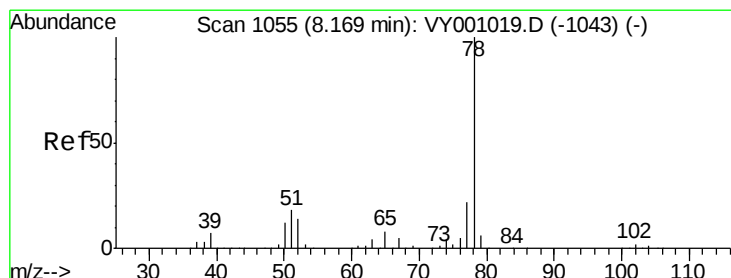
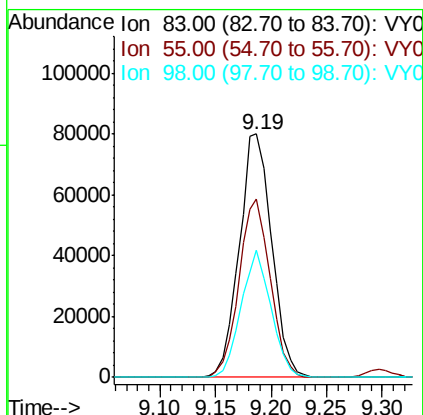
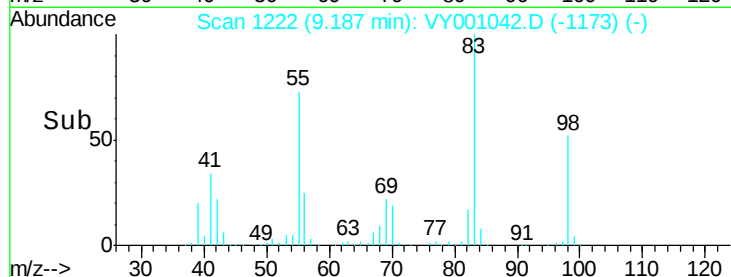
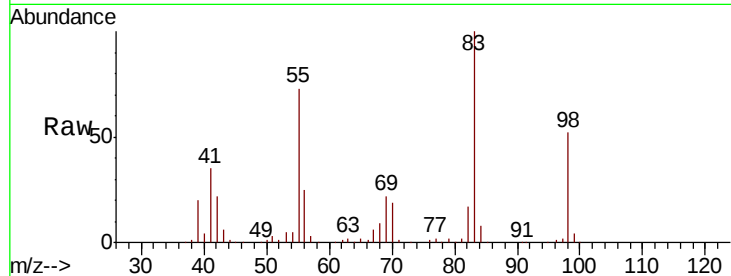




#39
Methylcyclohexane
Concen: 49.376 ug/l
RT: 9.19 min Scan# 1222
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

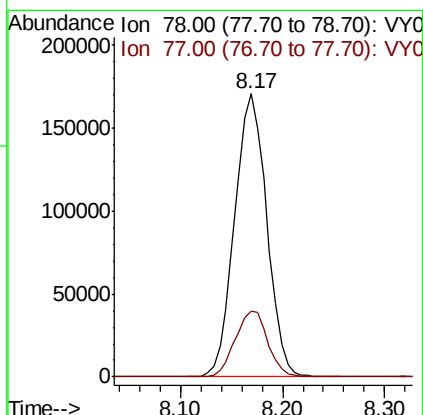
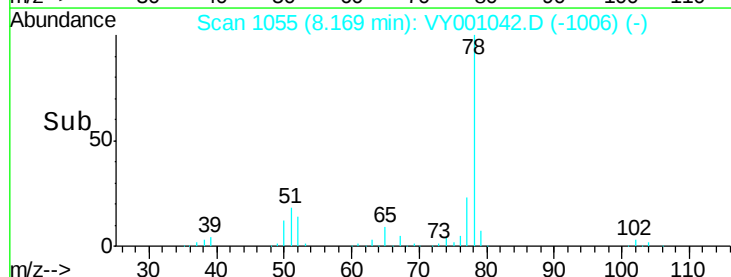
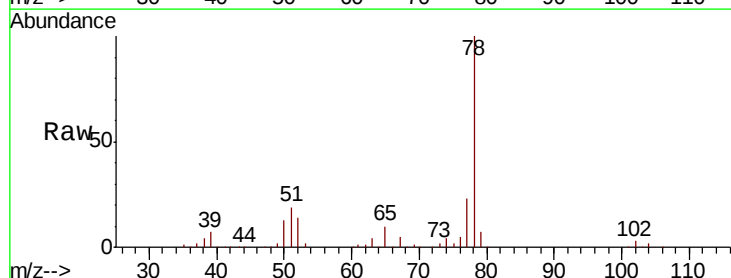
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

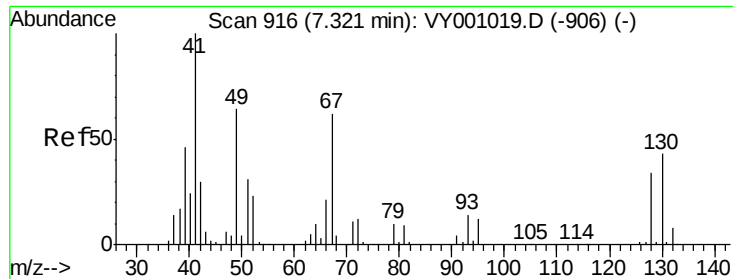
Tgt Ion: 83 Resp: 162398
Ion Ratio Lower Upper
83 100
55 73.2 55.1 82.7
98 52.4 38.3 57.5



#40
Benzene
Concen: 49.919 ug/l
RT: 8.17 min Scan# 1055
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 78 Resp: 372986
Ion Ratio Lower Upper
78 100
77 23.2 17.7 26.5

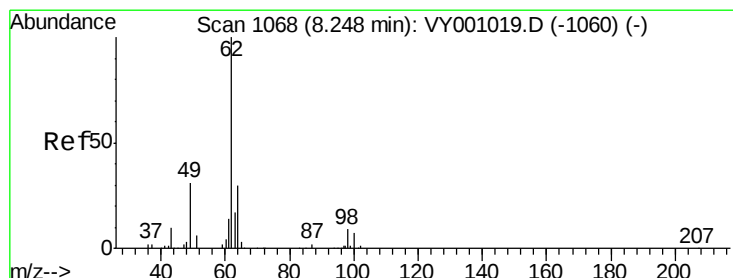
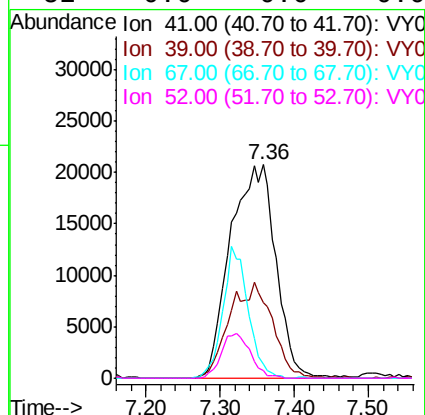
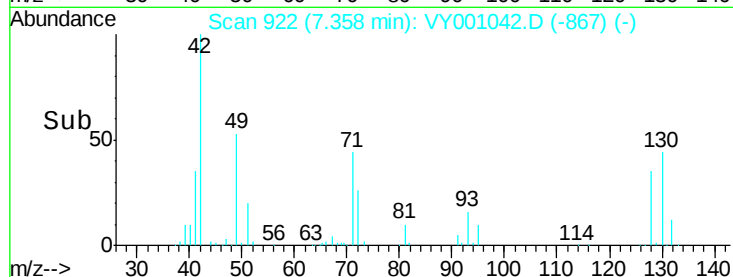
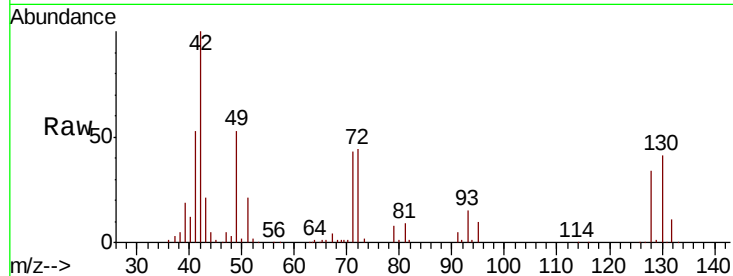




#41
Methacrylonitrile
Concen: 148.352 ug/l
RT: 7.36 min Scan# 922
Delta R.T. 0.04 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

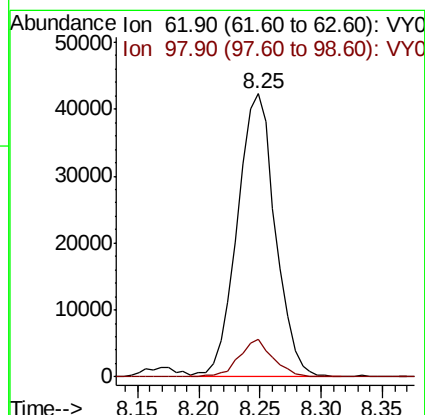
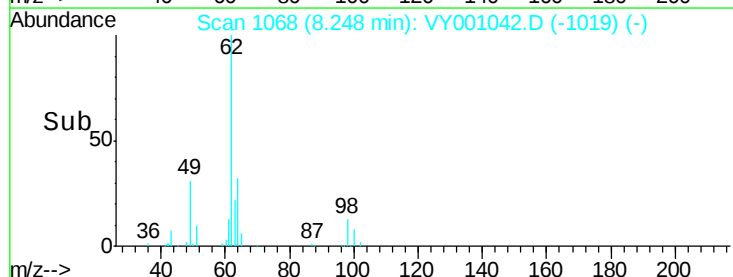
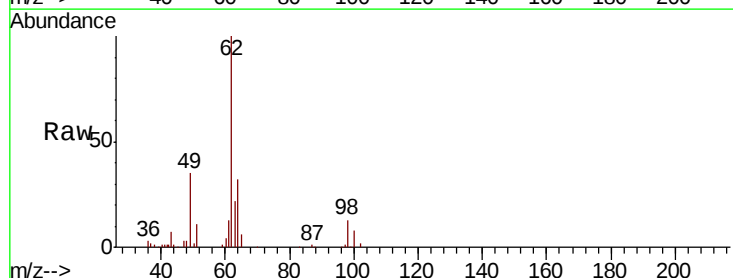
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

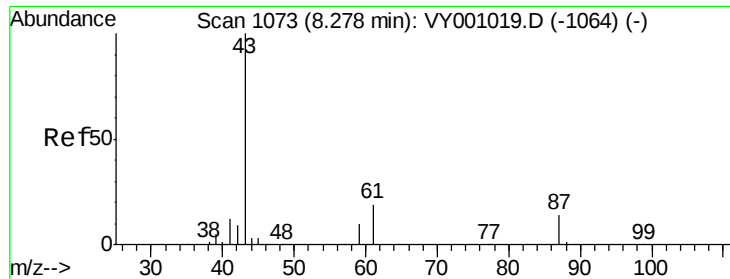
Tgt Ion: 41 Resp: 88205
Ion Ratio Lower Upper
41 100
39 0.0 0.0 0.0
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 51.114 ug/l
RT: 8.25 min Scan# 1068
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 62 Resp: 91311
Ion Ratio Lower Upper
62 100
98 11.7 0.0 23.4

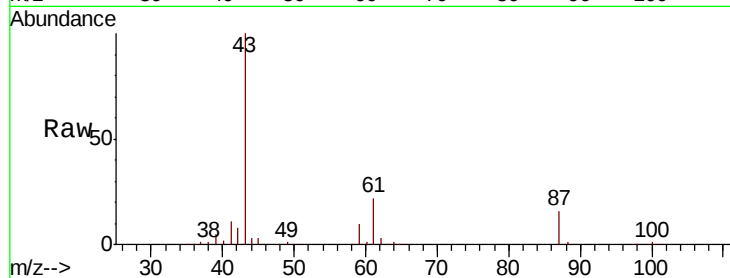




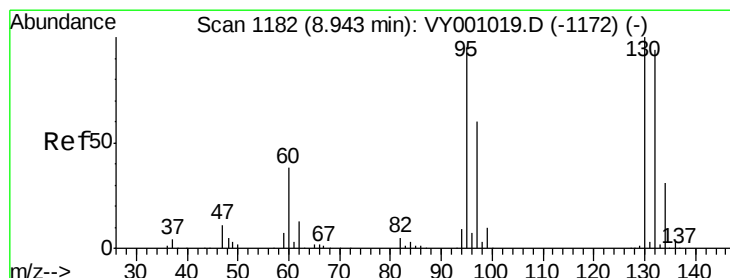
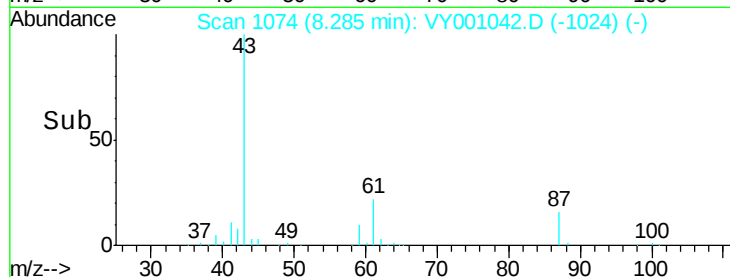
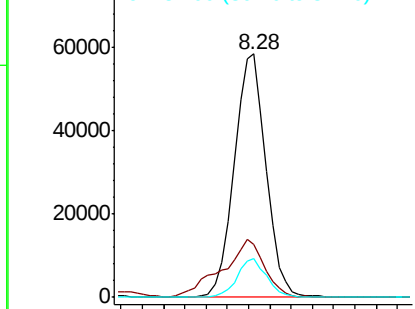
#43
Isopropyl Acetate
Concen: 48.177 ug/l
RT: 8.28 min Scan# 1074
Delta R.T. 0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tgt Ion: 43 Resp: 122304
Ion Ratio Lower Upper
43 100
61 31.4 25.0 37.6
87 15.0 12.0 18.0

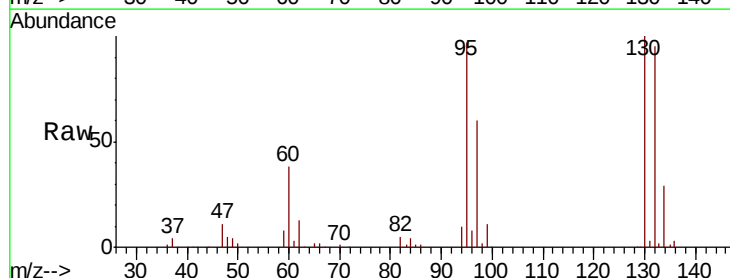


Abundance Ion 43.00 (42.70 to 43.70): VY0
Ion 61.00 (60.70 to 61.70): VY0
Ion 87.00 (86.70 to 87.70): VY0

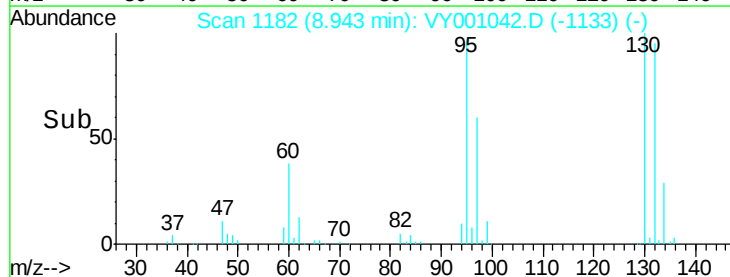
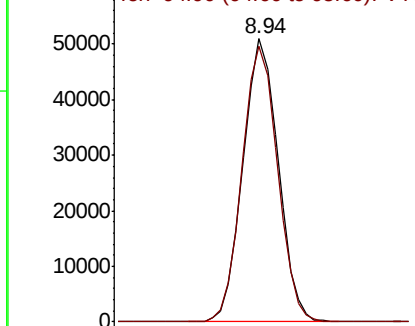


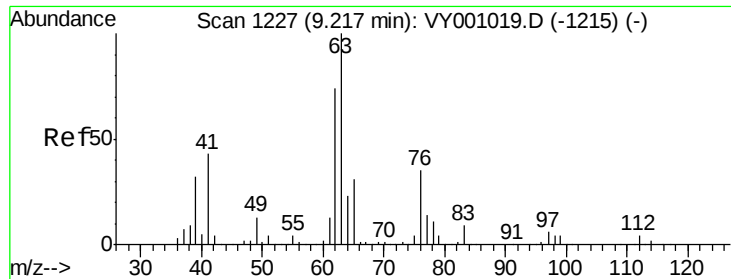
#44
Trichloroethene
Concen: 48.966 ug/l
RT: 8.94 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 130 Resp: 96400
Ion Ratio Lower Upper
130 100
95 97.5 0.0 190.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VY0

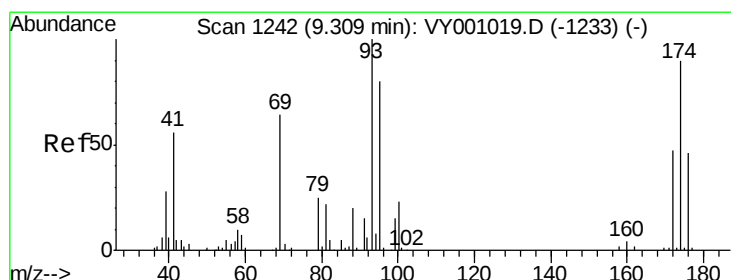
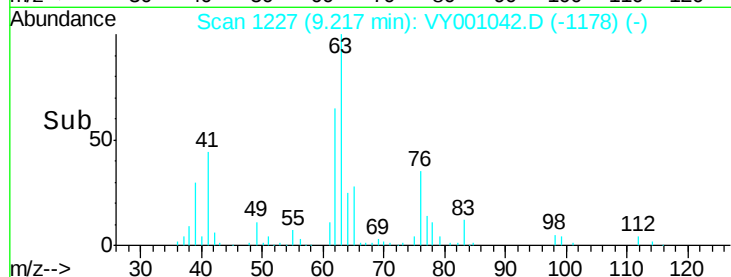
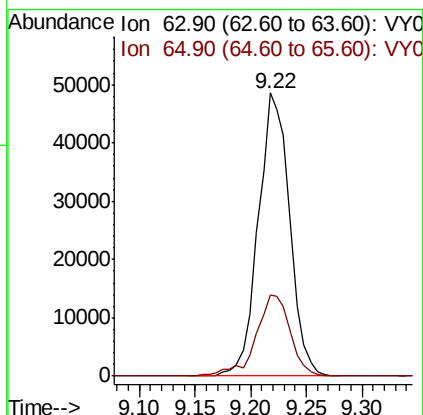
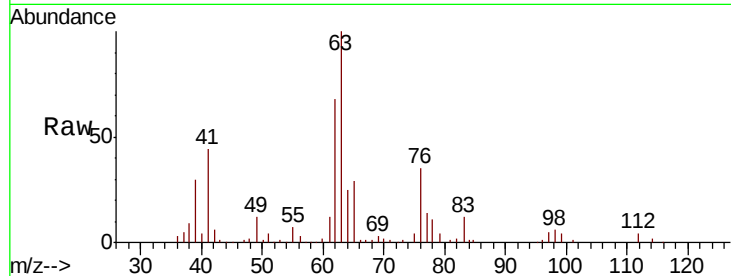




#45
 1,2-Dichloropropane
 Concen: 50.819 ug/l
 RT: 9.22 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

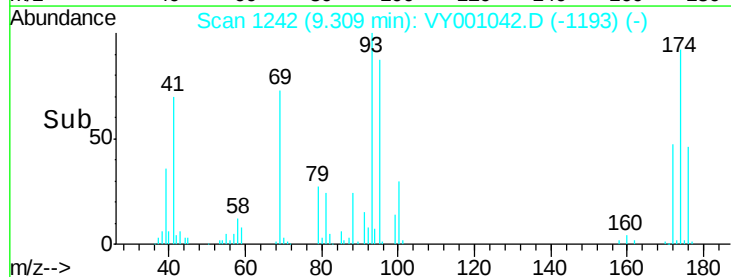
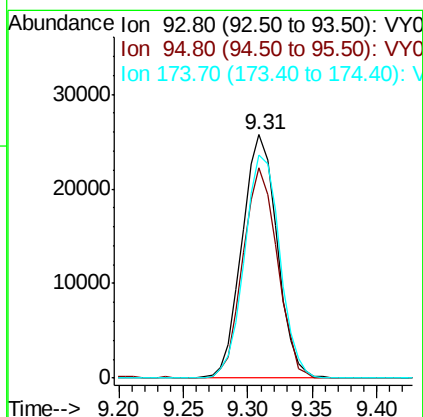
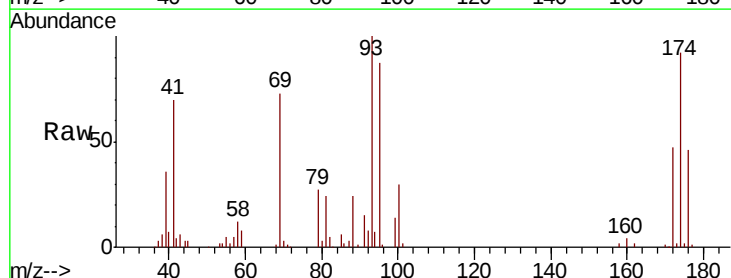
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

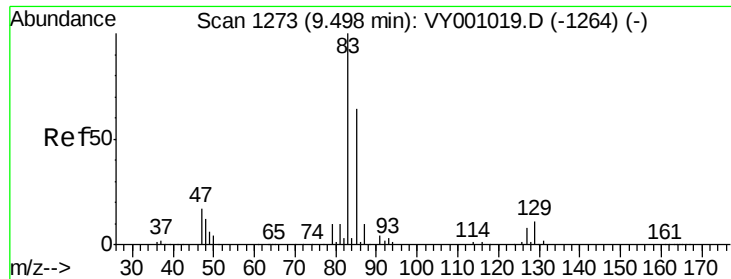
Tgt Ion: 63 Resp: 95258
 Ion Ratio Lower Upper
 63 100
 65 28.8 25.1 37.7



#46
 Dibromomethane
 Concen: 50.265 ug/l
 RT: 9.31 min Scan# 1242
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 93 Resp: 48569
 Ion Ratio Lower Upper
 93 100
 95 84.8 66.7 100.1
 174 92.3 73.6 110.4





#47

Bromodichloromethane

Concen: 49.957 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. 0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

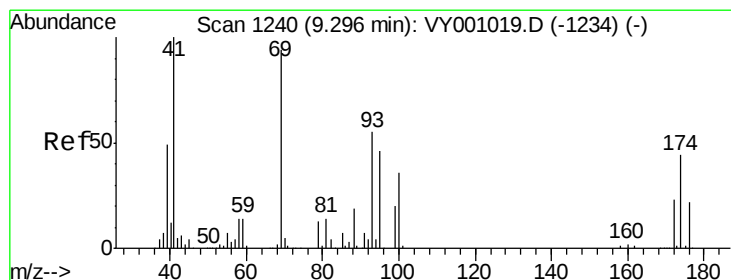
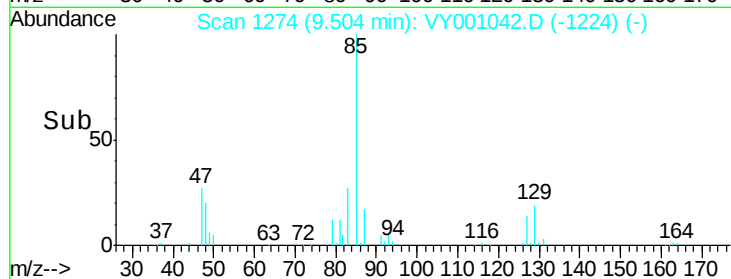
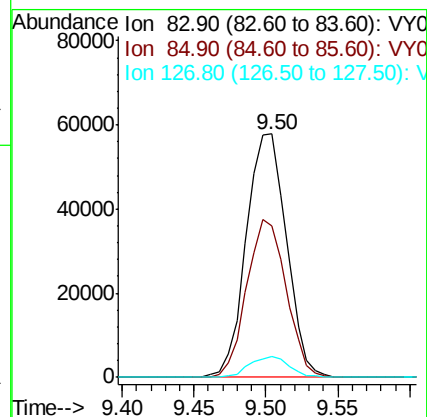
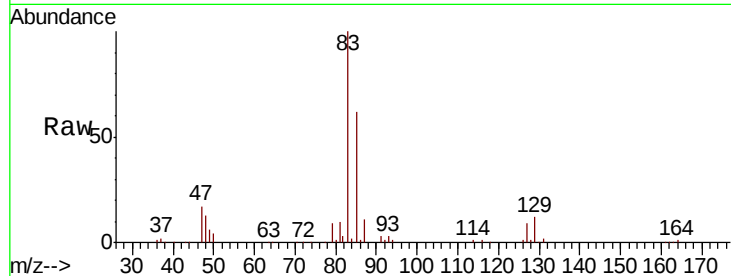
Tgt Ion: 83 Resp: 111815

Ion Ratio Lower Upper

83 100

85 62.5 50.9 76.3

127 8.8 6.4 9.6



#48

Methyl methacrylate

Concen: 51.862 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

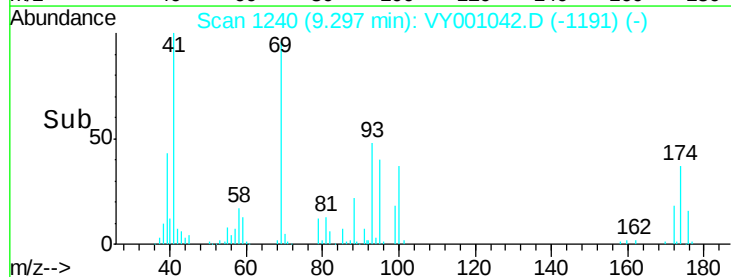
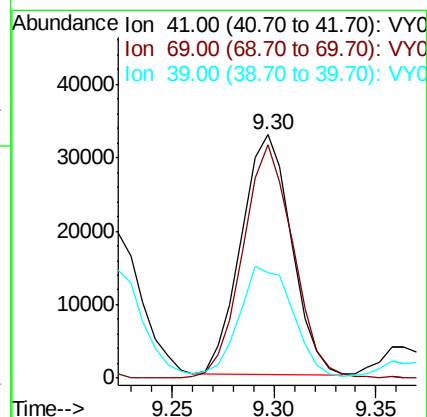
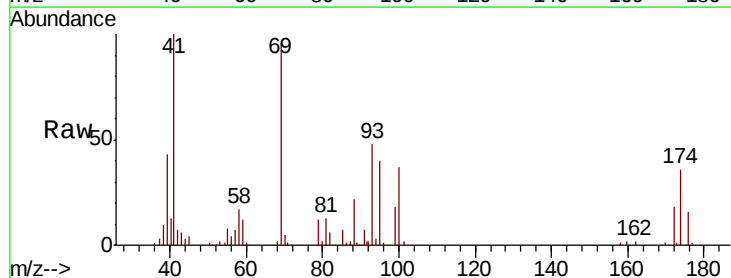
Tgt Ion: 41 Resp: 56184

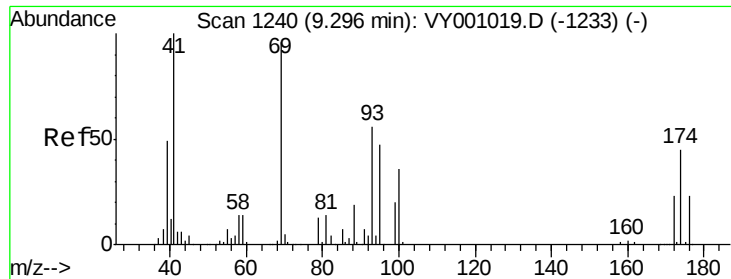
Ion Ratio Lower Upper

41 100

69 97.5 79.8 119.6

39 48.0 41.7 62.5

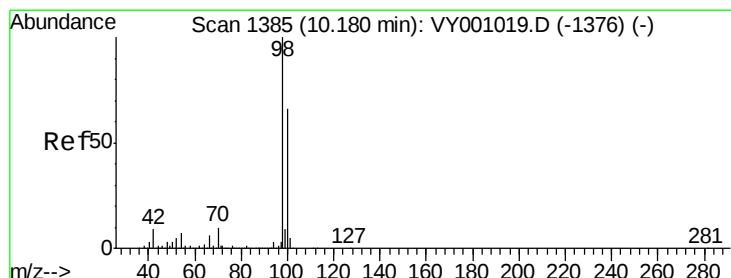
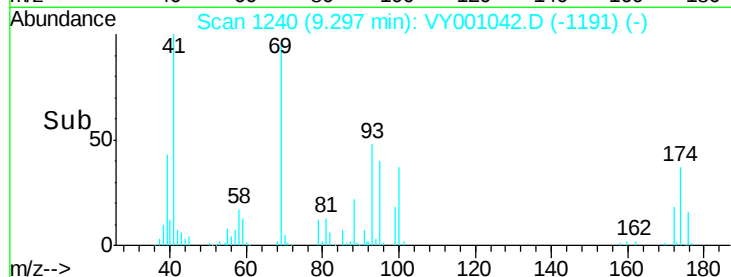
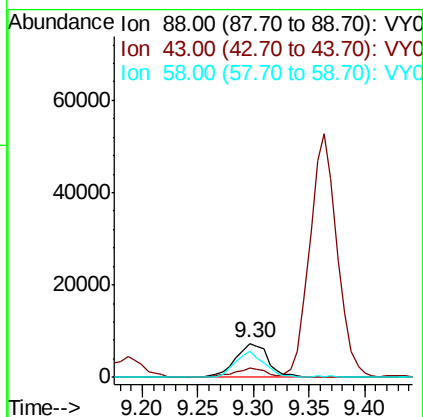
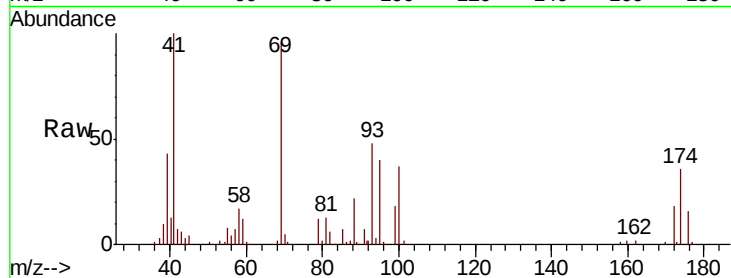




#49
1,4-Dioxane
Concen: 1071.968 ug/l
RT: 9.30 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

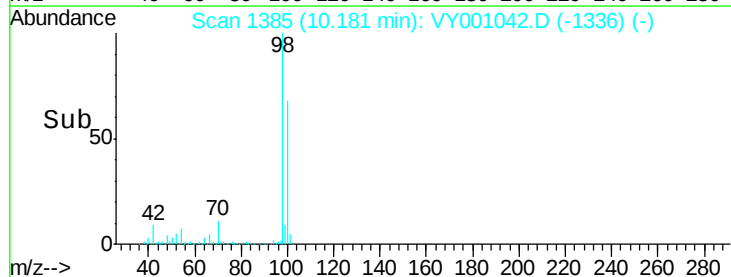
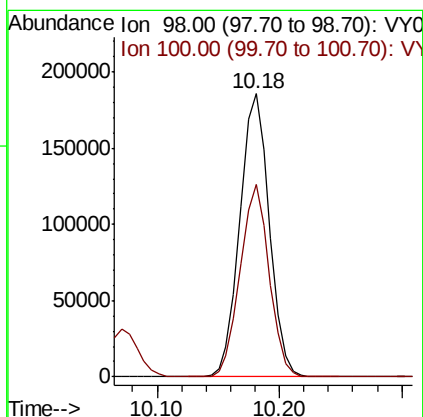
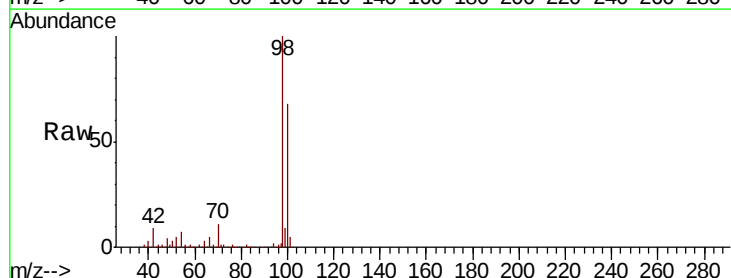
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

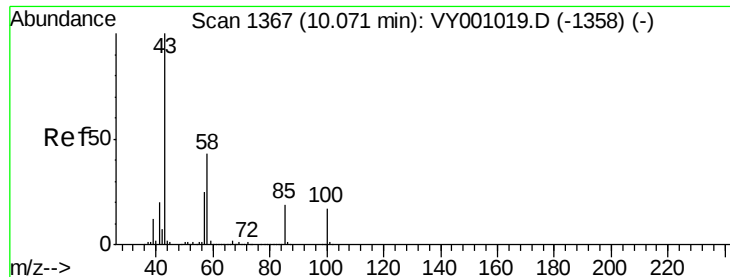
Tgt Ion: 88 Resp: 15152
Ion Ratio Lower Upper
88 100
43 26.3 23.0 34.4
58 68.0 54.9 82.3



#50
Toluene-d8
Concen: 51.846 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 98 Resp: 309749
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4

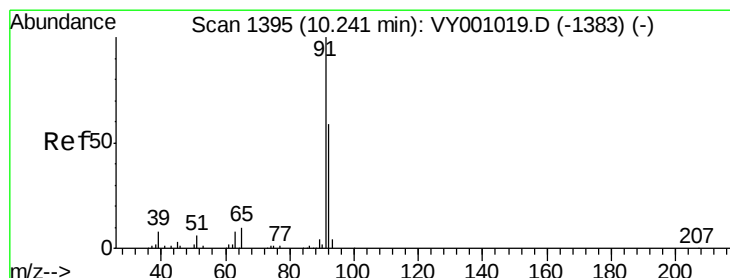
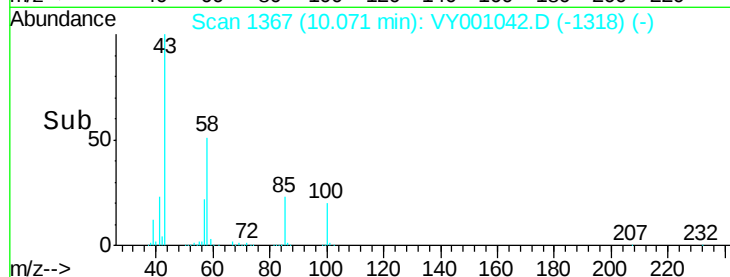
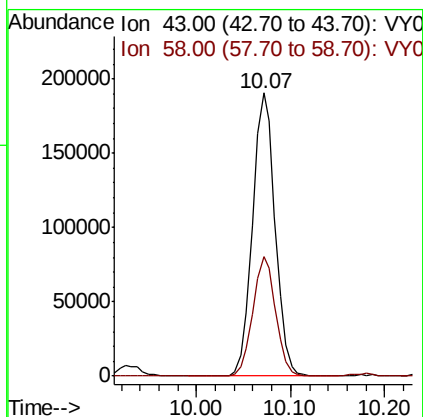
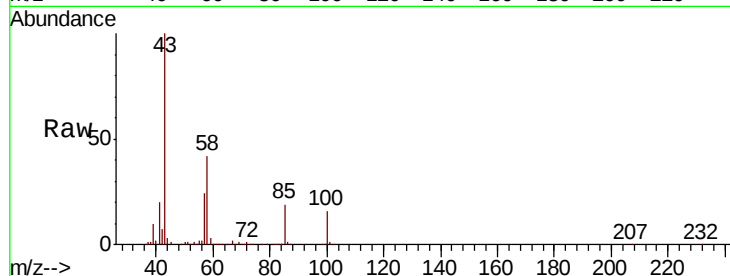




#51
 4-Methyl-2-Pentanone
 Concen: 243.499 ug/l
 RT: 10.07 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

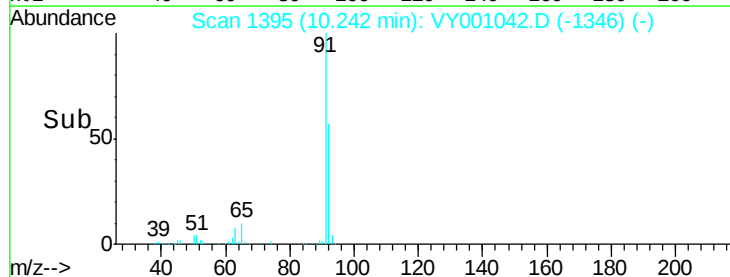
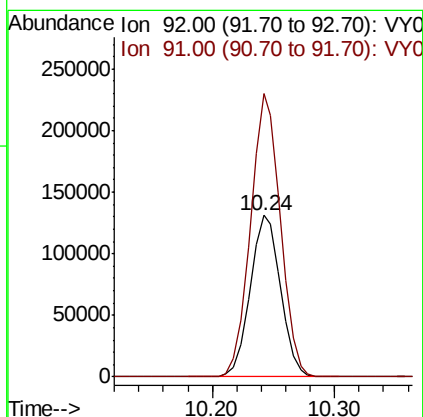
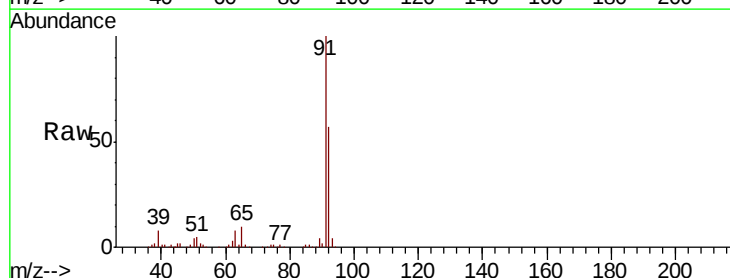
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

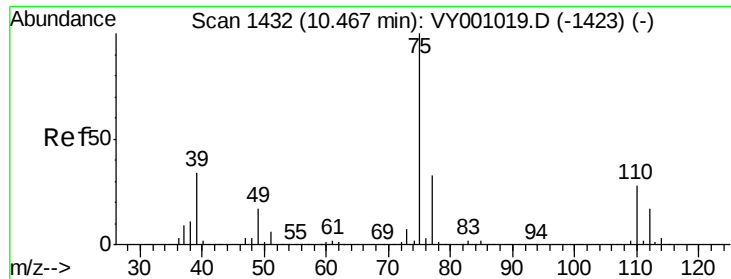
Tgt Ion: 43 Resp: 322193
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.6 52.0



#52
 Toluene
 Concen: 49.116 ug/l
 RT: 10.24 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 92 Resp: 225878
 Ion Ratio Lower Upper
 92 100
 91 172.3 135.7 203.5





#53

t-1,3-Dichloropropene

Concen: 49.032 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

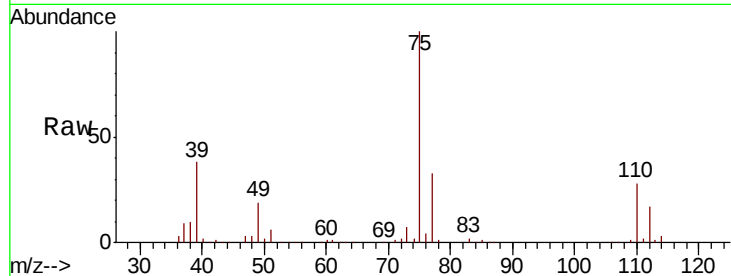
SB-2-(4-5)MSD

Tgt Ion: 75 Resp: 119104

Ion Ratio Lower Upper

75 100

77 32.5 26.5 39.7



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

10.47

80000

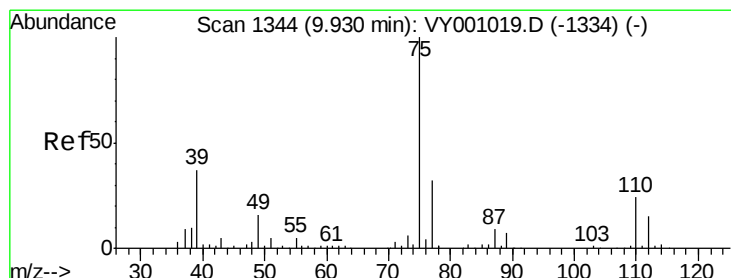
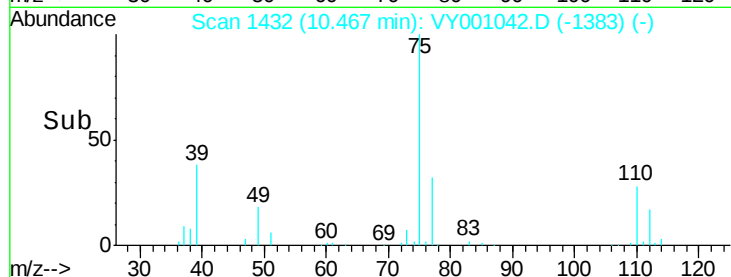
60000

40000

20000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.176 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

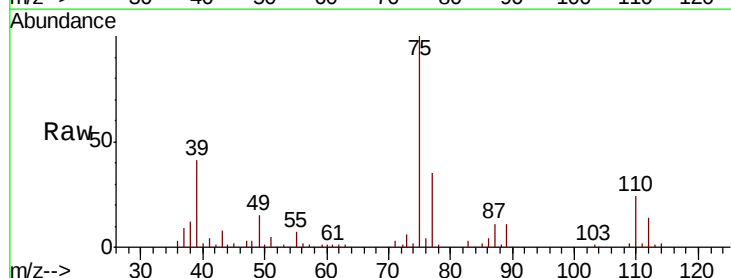
Tgt Ion: 75 Resp: 146558

Ion Ratio Lower Upper

75 100

77 35.1 25.2 37.8

39 41.2 29.5 44.3



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 76.90 (76.60 to 77.60): VY0

Ion 39.00 (38.70 to 39.70): VY0

9.93

100000

80000

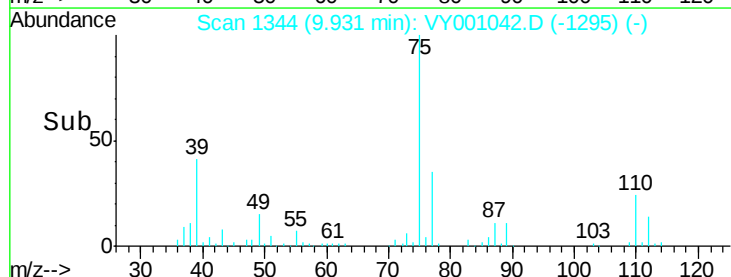
60000

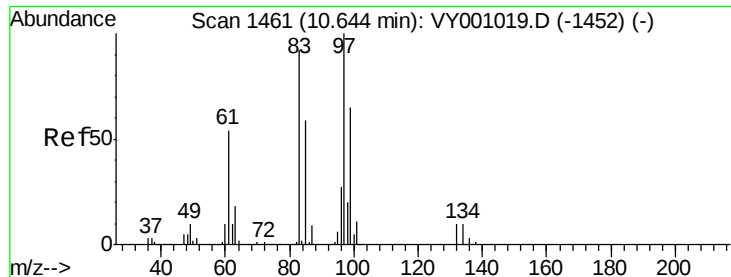
40000

20000

0

Time-->

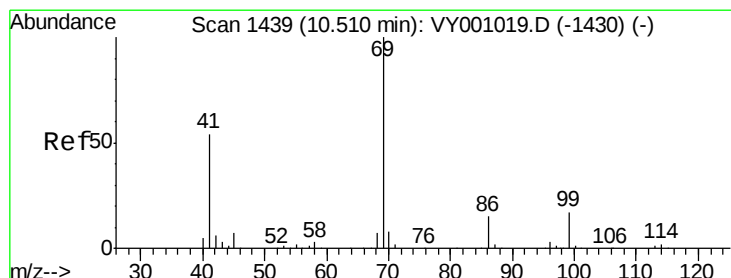
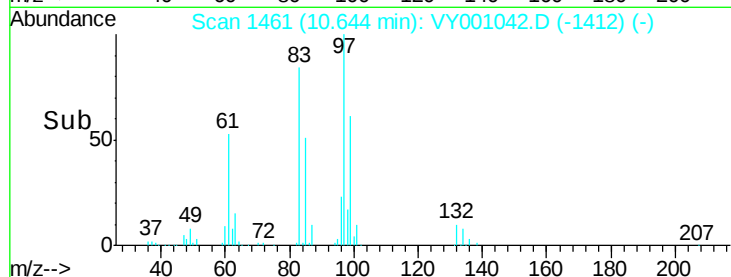
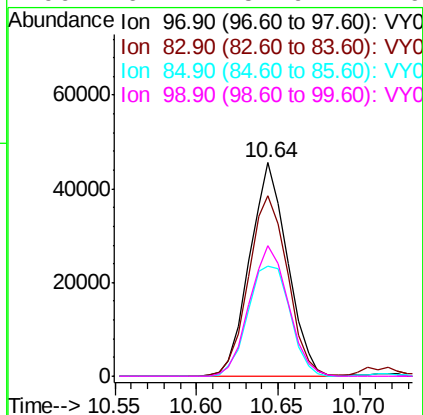
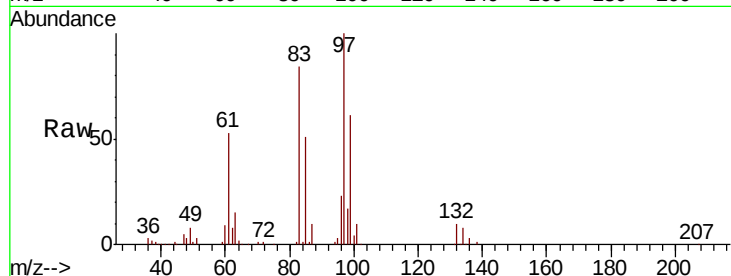




#55
 1,1,2-Trichloroethane
 Concen: 50.870 ug/l
 RT: 10.64 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

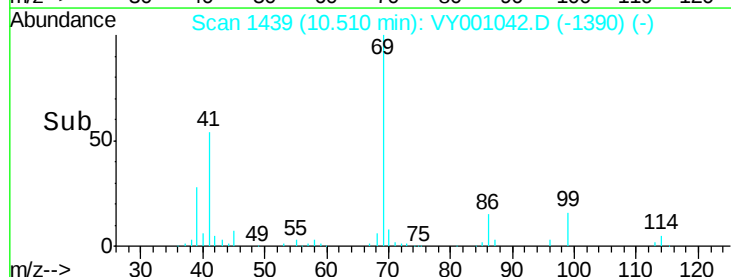
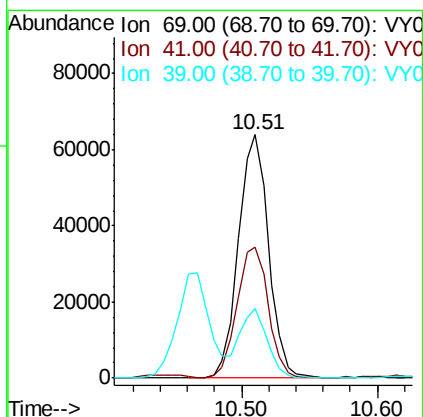
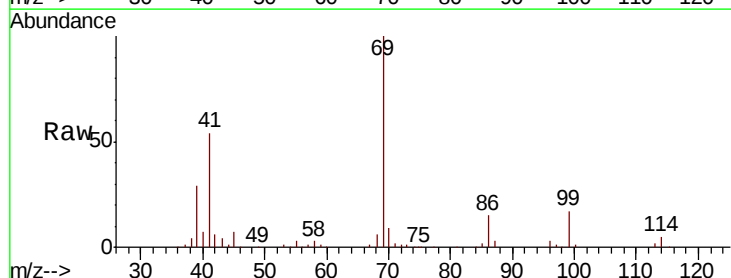
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

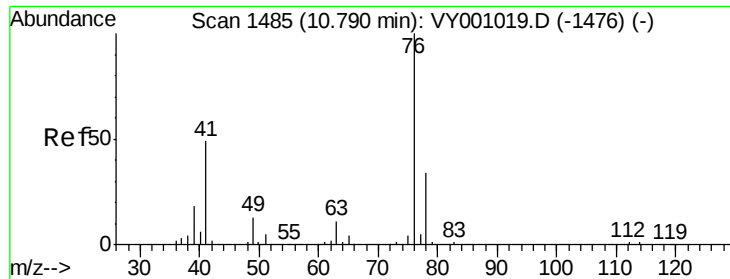
Tgt Ion: 97 Resp: 73381
 Ion Ratio Lower Upper
 97 100
 83 84.3 73.7 110.5
 85 51.4 47.3 70.9
 99 61.1 51.9 77.9



#56
 Ethyl methacrylate
 Concen: 48.016 ug/l
 RT: 10.51 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 69 Resp: 98578
 Ion Ratio Lower Upper
 69 100
 41 56.1 44.7 67.1
 39 27.9 22.2 33.4





#57

1,3-Dichloropropane

Concen: 50.908 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

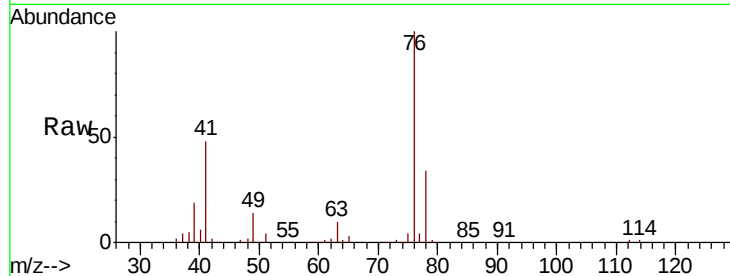
SB-2-(4-5)MSD

Tgt Ion: 76 Resp: 128719

Ion Ratio Lower Upper

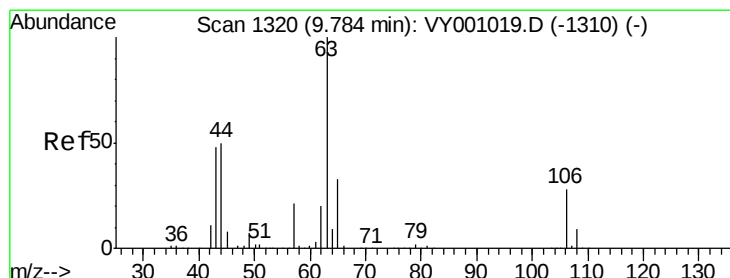
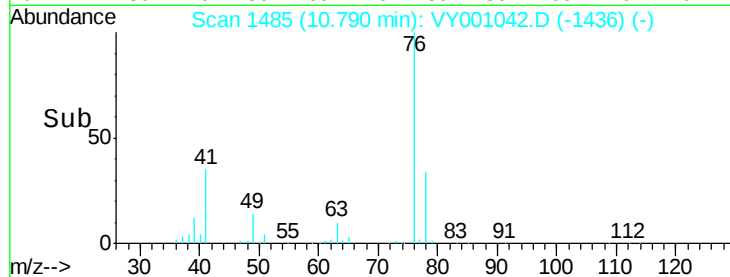
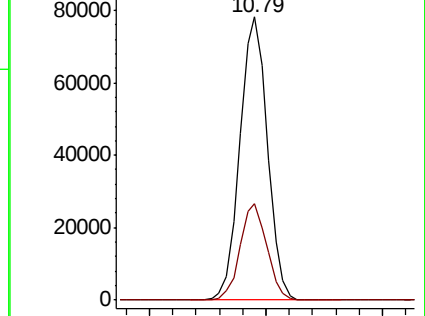
76 100

78 33.2 25.8 38.8



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 228.807 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001042.D

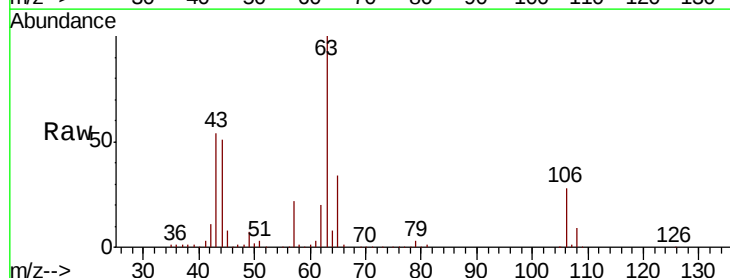
Acq: 24 Dec 2019 13:03

Tgt Ion: 63 Resp: 181435

Ion Ratio Lower Upper

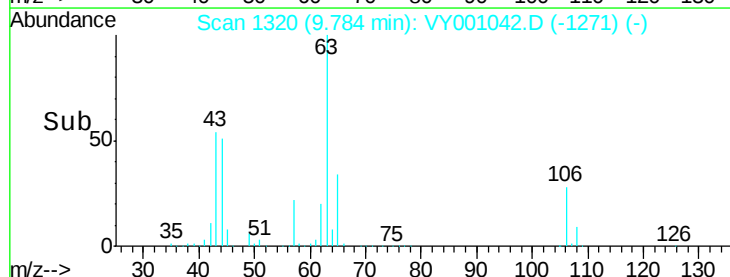
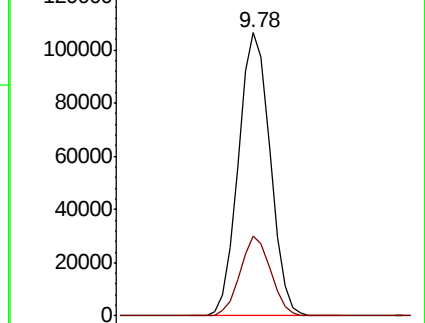
63 100

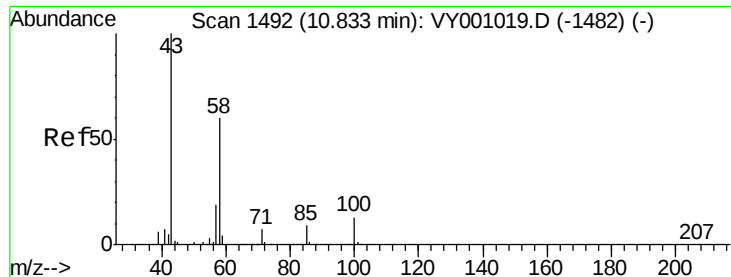
106 27.3 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

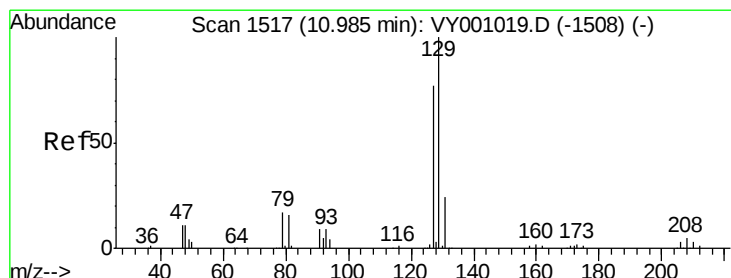
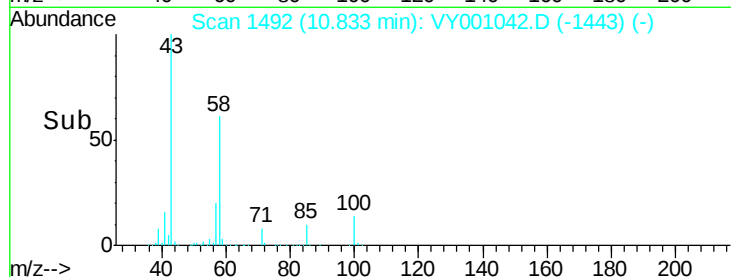
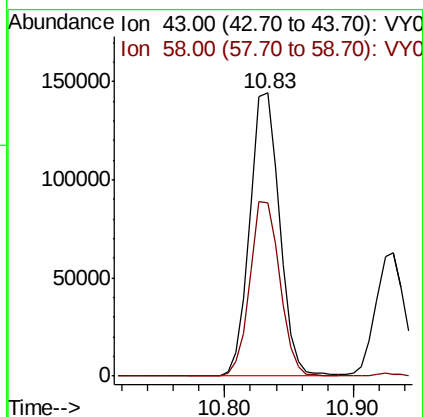
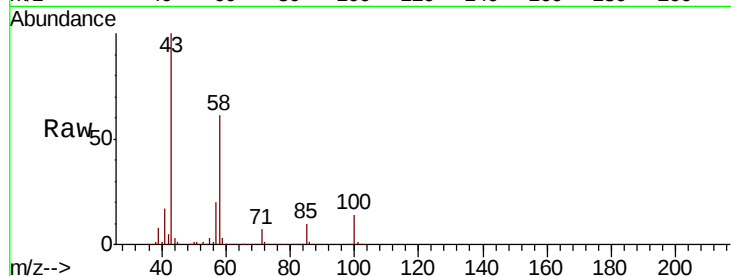




#59
2-Hexanone
Concen: 250.842 ug/l
RT: 10.83 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

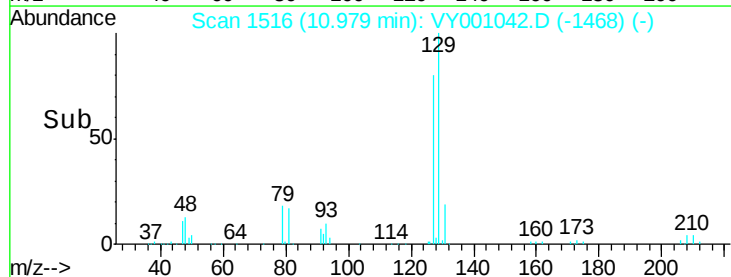
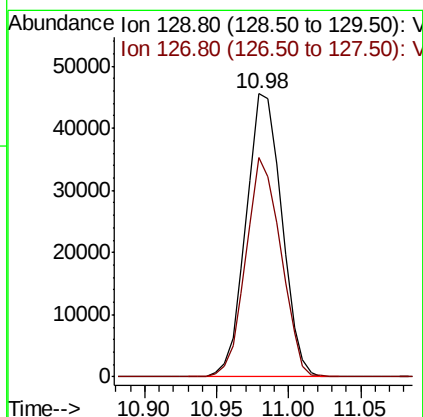
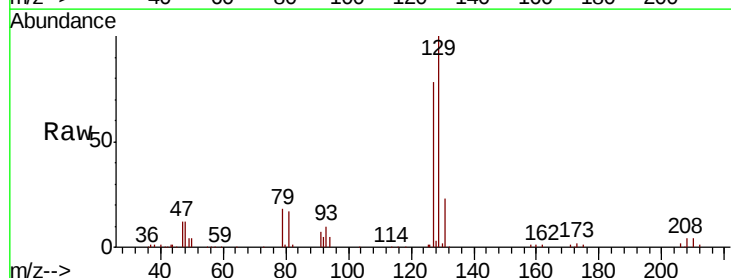
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

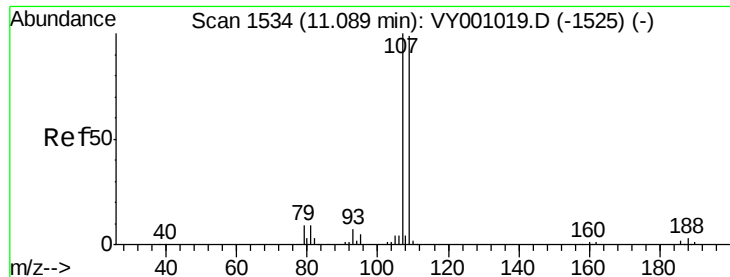
Tgt Ion: 43 Resp: 229662
Ion Ratio Lower Upper
43 100
58 61.9 30.6 91.6



#60
Dibromochloromethane
Concen: 50.811 ug/l
RT: 10.98 min Scan# 1516
Delta R.T. -0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 129 Resp: 78293
Ion Ratio Lower Upper
129 100
127 75.7 39.1 117.3

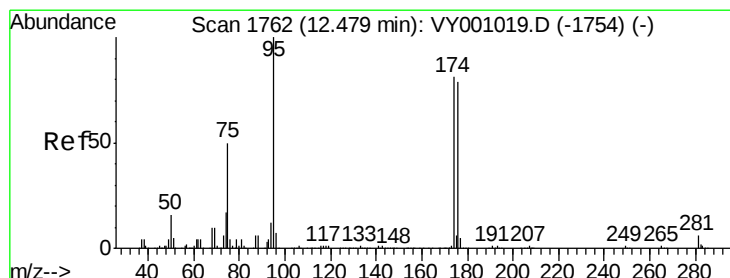
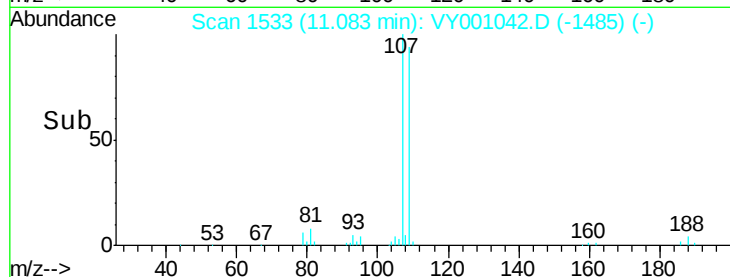
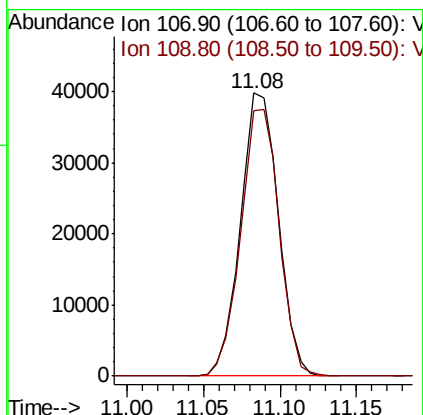
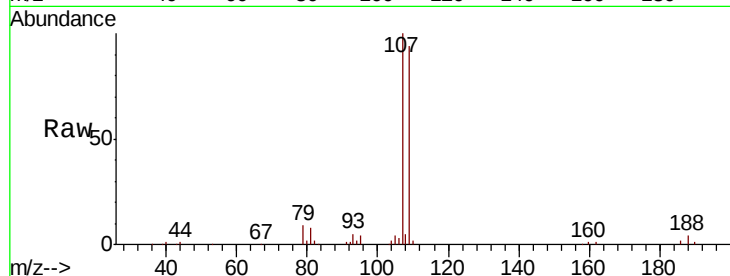




#61
 1,2-Dibromoethane
 Concen: 49.679 ug/l
 RT: 11.08 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

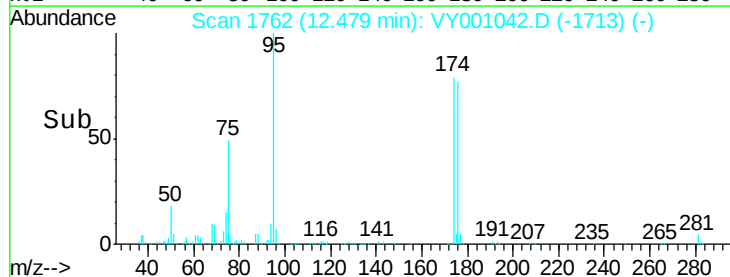
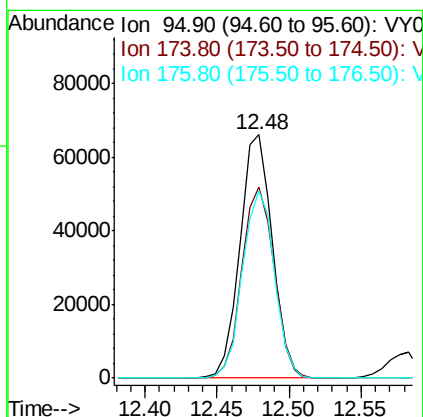
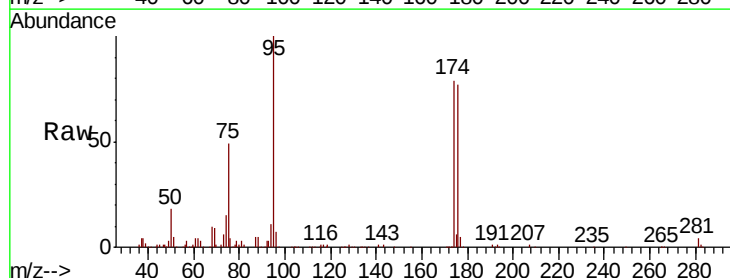
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

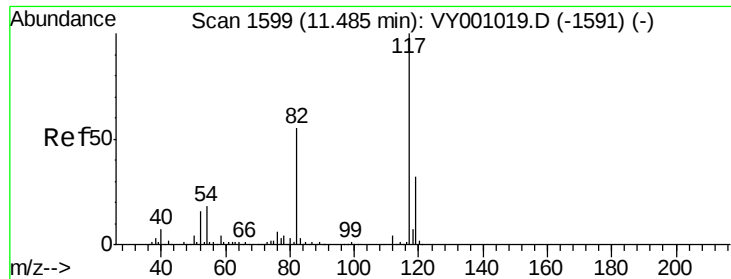
Tgt Ion: 107 Resp: 68528
 Ion Ratio Lower Upper
 107 100
 109 95.4 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 46.975 ug/l
 RT: 12.48 min Scan# 1762
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 95 Resp: 102609
 Ion Ratio Lower Upper
 95 100
 174 79.0 0.0 156.4
 176 76.4 0.0 155.0

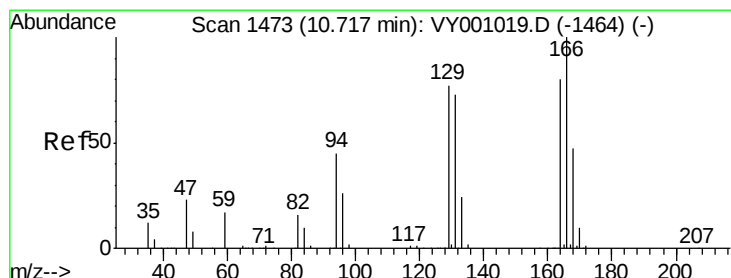
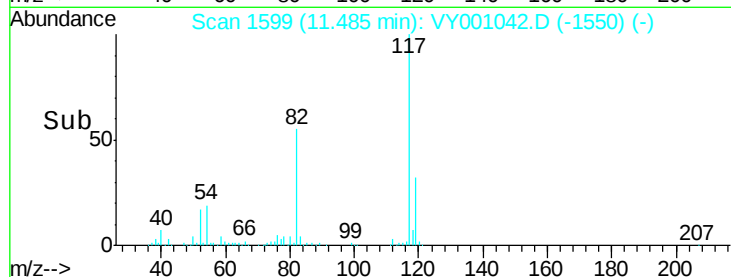
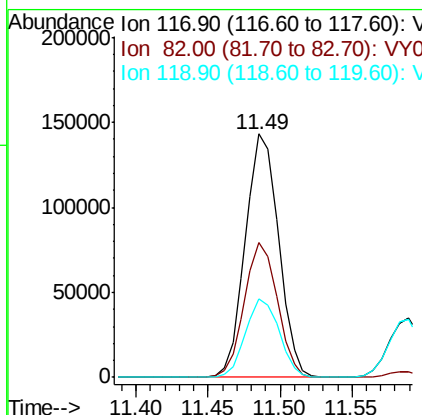
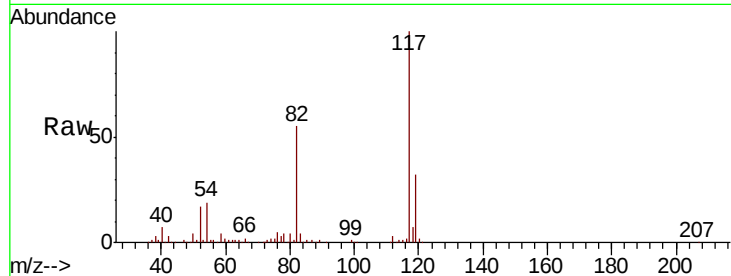




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

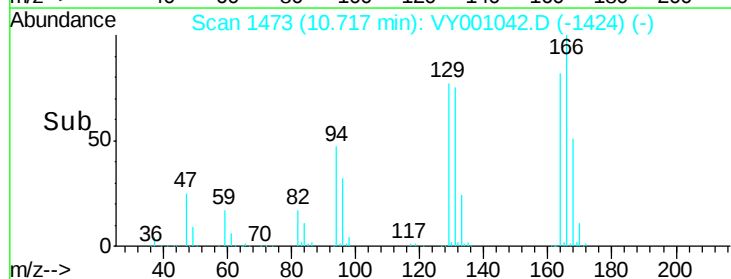
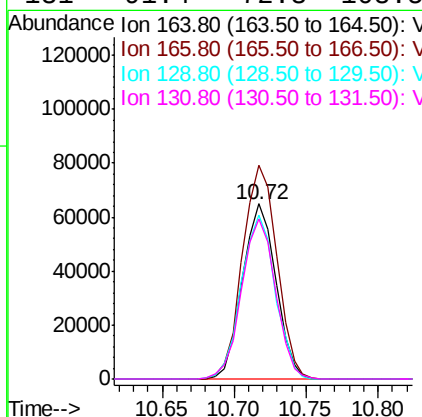
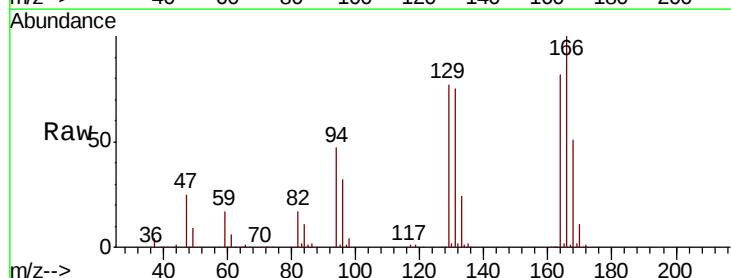
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

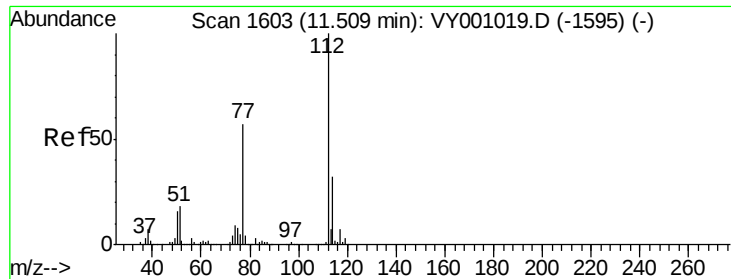
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	43.8	65.8
119	32.4	25.8	38.6



#64
Tetrachloroethene
Concen: 52.760 ug/l
RT: 10.72 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	122.2	99.7	149.5
129	93.5	76.9	115.3
131	91.4	72.3	108.5

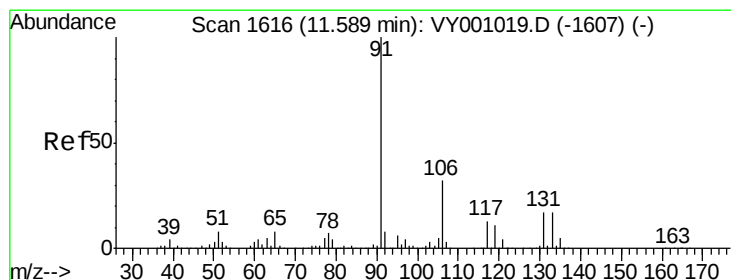
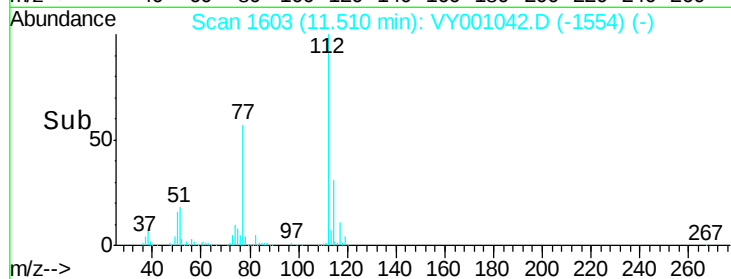
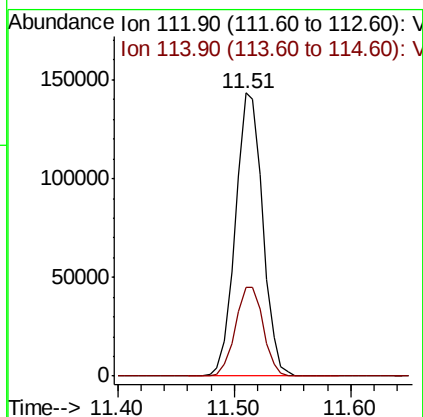
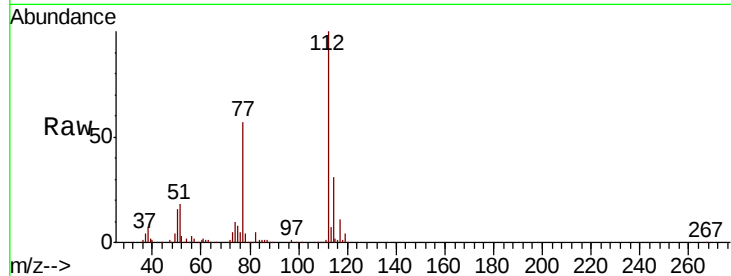




#65
Chlorobenzene
Concen: 49.046 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

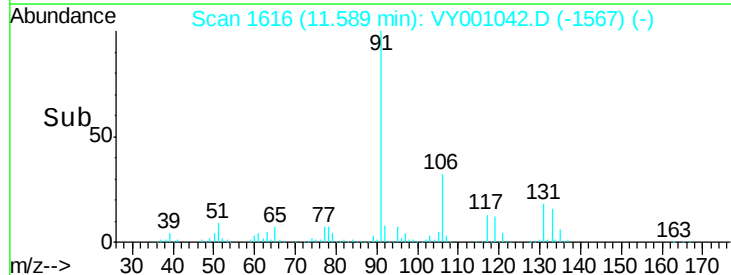
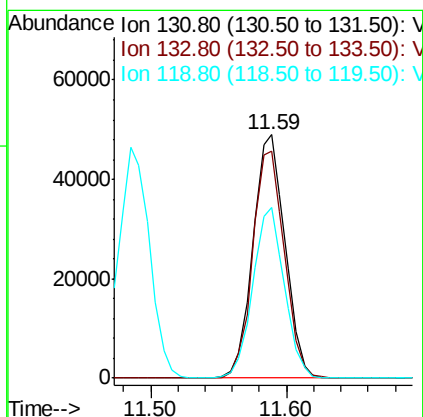
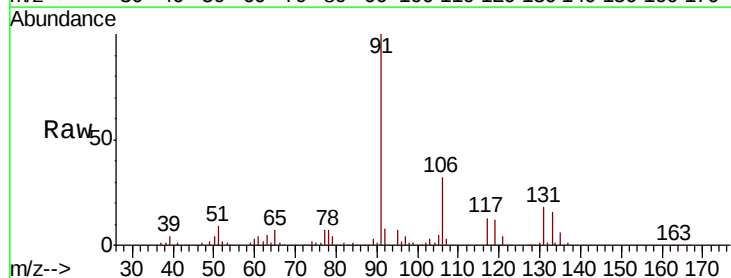
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

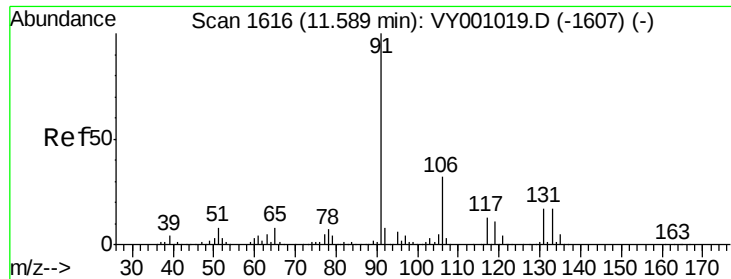
Tgt Ion:112 Resp: 233496
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 51.501 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion:131 Resp: 80911
Ion Ratio Lower Upper
131 100
133 92.7 48.1 144.4
119 69.1 34.0 101.8

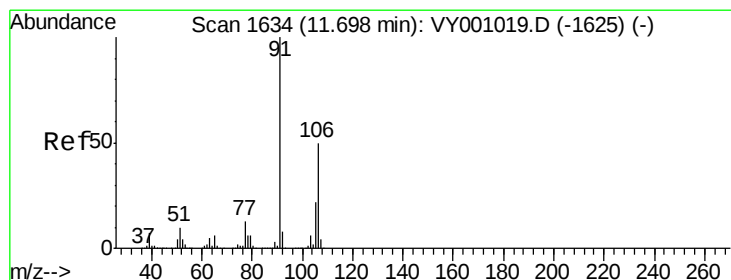
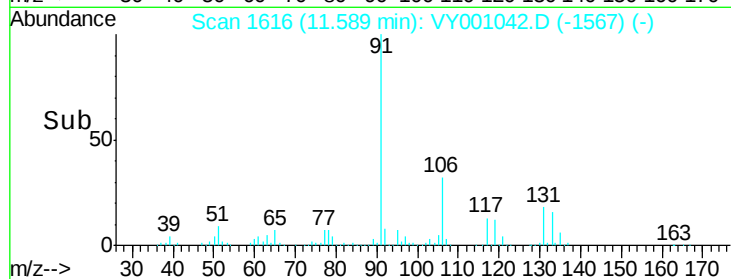
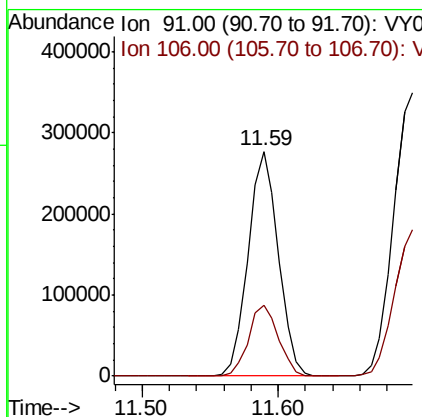
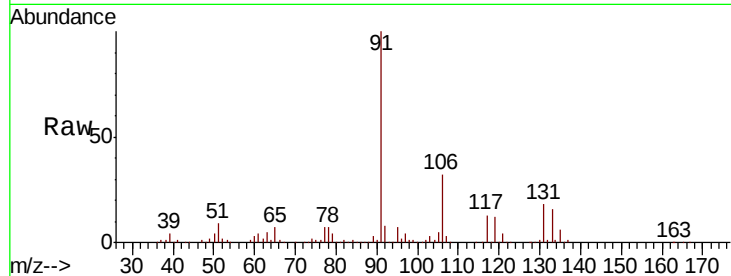




#67
Ethyl Benzene
Concen: 50.360 ug/l
RT: 11.59 min Scan# 1616
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

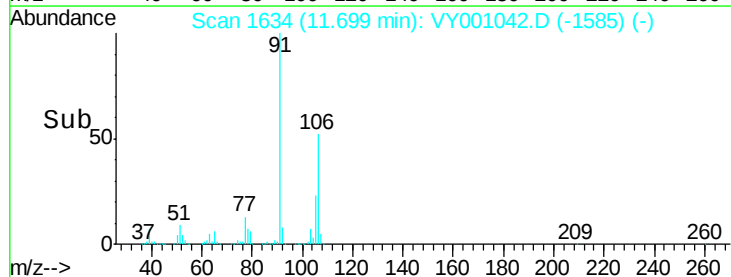
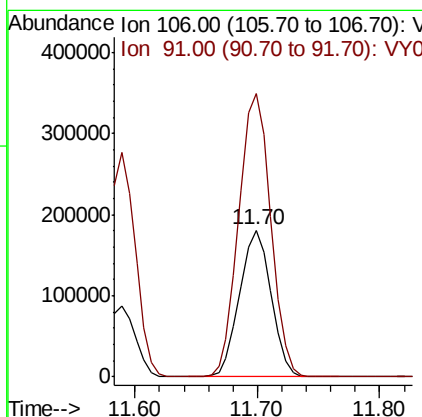
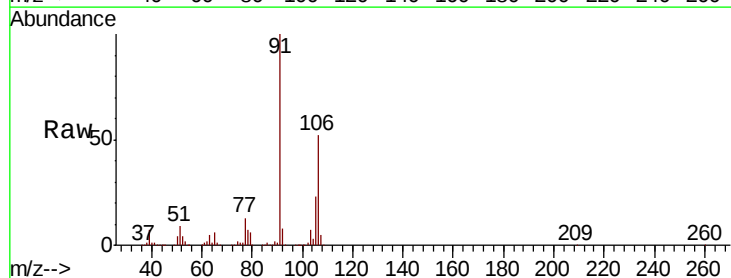
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

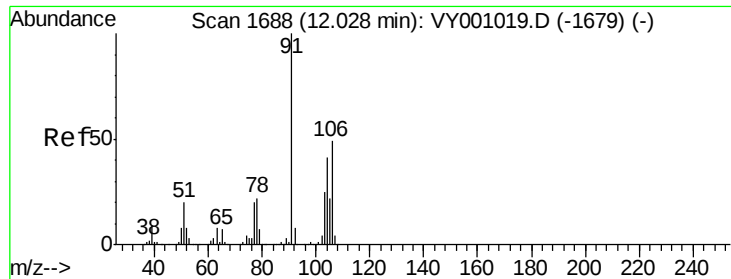
Tgt Ion: 91 Resp: 431231
Ion Ratio Lower Upper
91 100
106 31.7 25.3 37.9



#68
m/p-Xylenes
Concen: 99.819 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 106 Resp: 324543
Ion Ratio Lower Upper
106 100
91 195.8 156.4 234.6

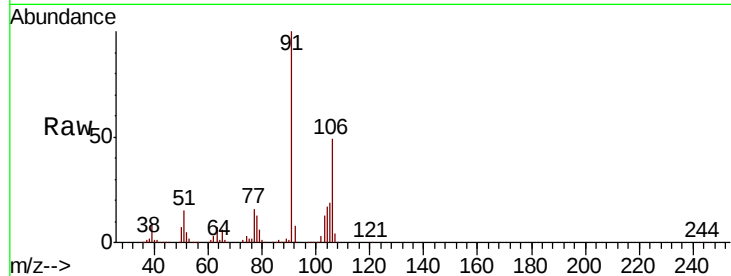




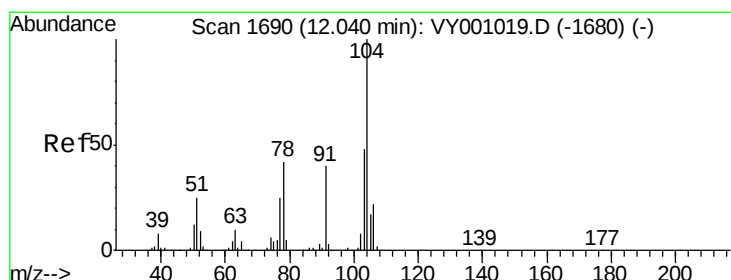
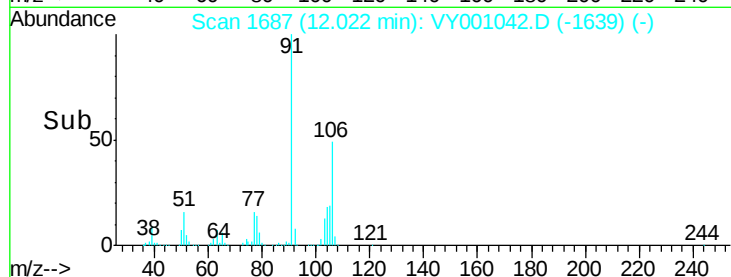
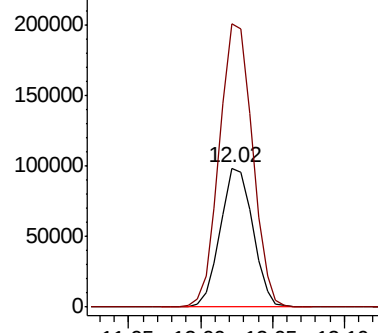
#69
o-Xylene
Concen: 50.465 ug/l
RT: 12.02 min Scan# 1687
Delta R.T. -0.01 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tgt Ion:106 Resp: 154359
Ion Ratio Lower Upper
106 100
91 207.0 103.0 309.0

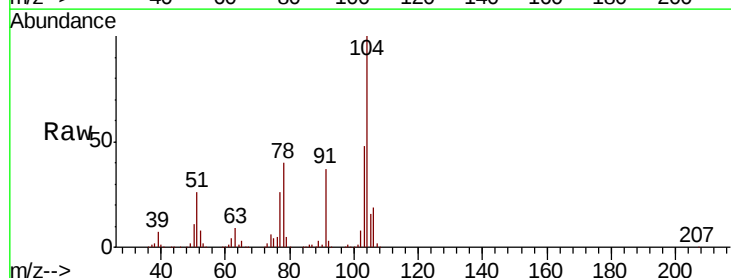


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

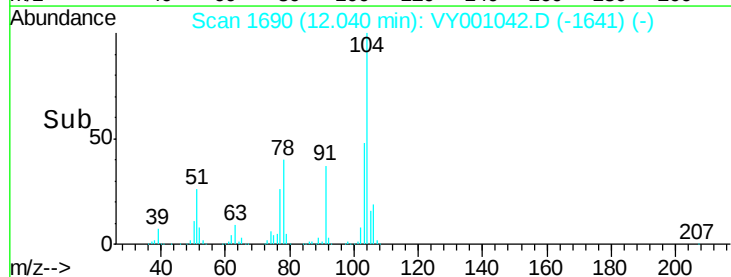
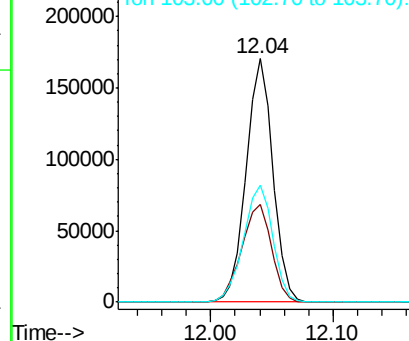


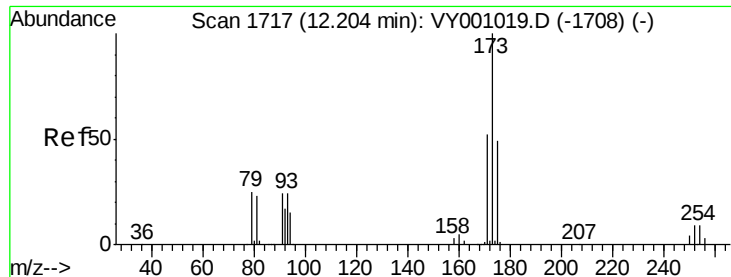
#70
Styrene
Concen: 49.654 ug/l
RT: 12.04 min Scan# 1690
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion:104 Resp: 258248
Ion Ratio Lower Upper
104 100
78 45.2 36.6 54.8
103 52.8 42.6 64.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VY0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.886 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

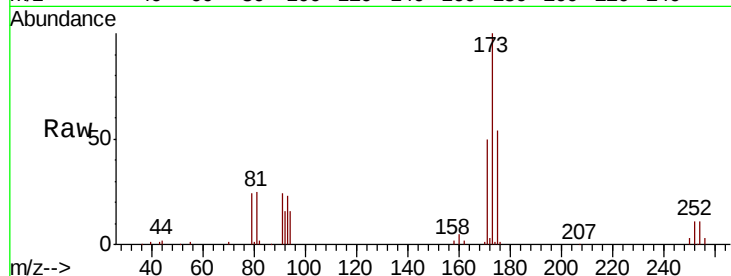
Tgt Ion:173 Resp: 42765

Ion Ratio Lower Upper

173 100

175 51.0 24.5 73.5

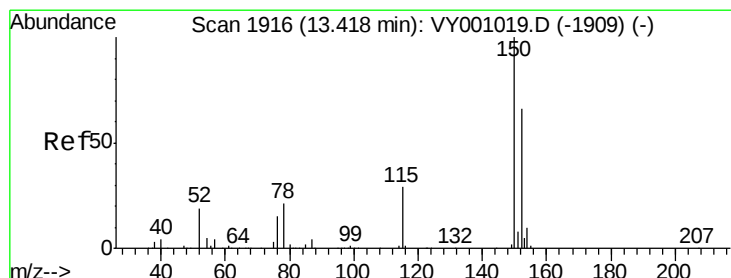
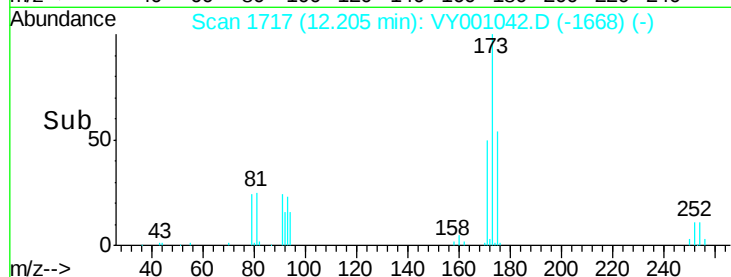
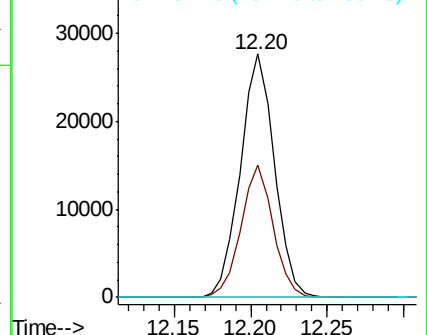
254 0.0 0.0 0.0



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# 1916

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

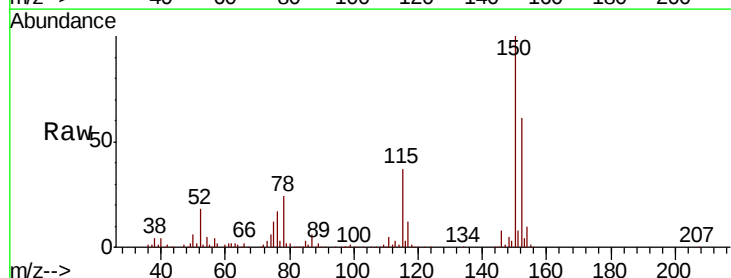
Tgt Ion:152 Resp: 105776

Ion Ratio Lower Upper

152 100

115 59.3 29.8 89.3

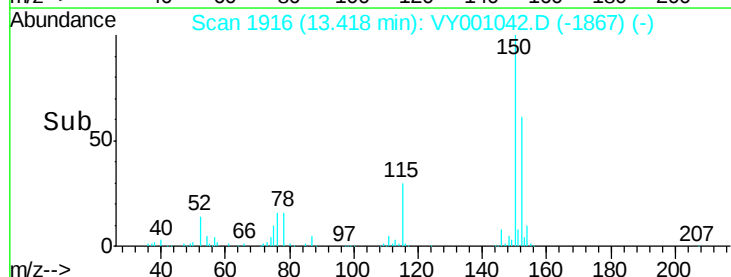
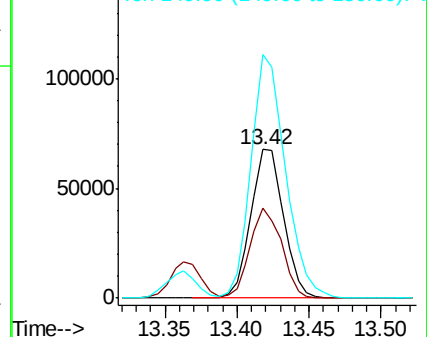
150 173.0 0.0 352.6

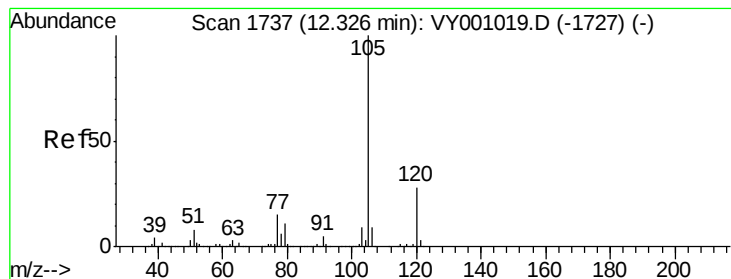


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.836 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

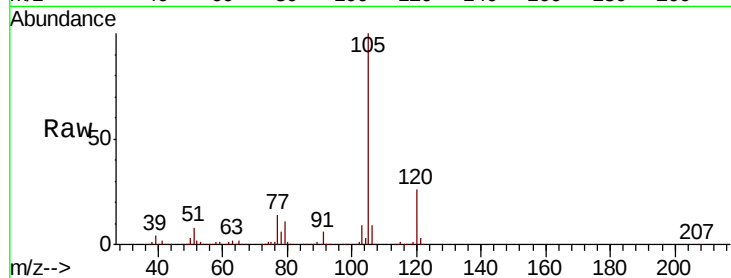
SB-2-(4-5)MSD

Tgt Ion:105 Resp: 399744

Ion Ratio Lower Upper

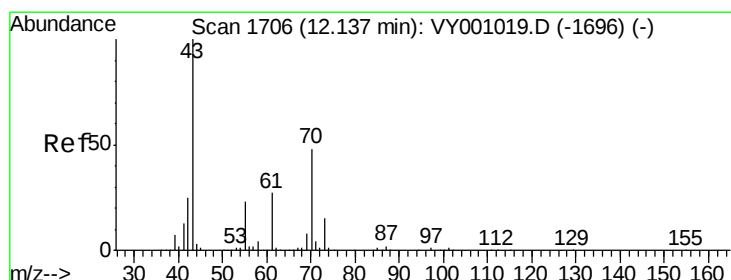
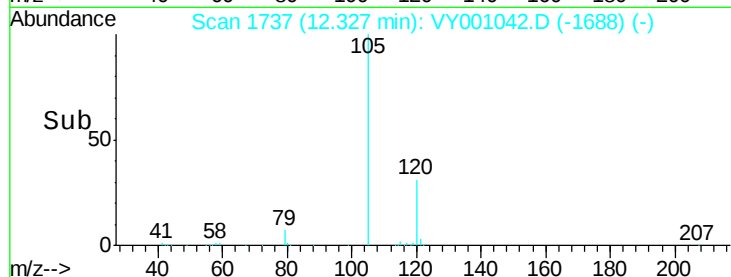
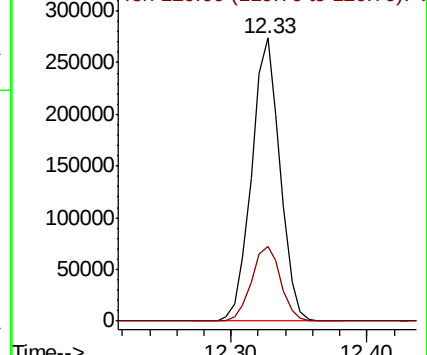
105 100

120 27.1 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.840 ug/l

RT: 12.14 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Tgt Ion: 43 Resp: 92124

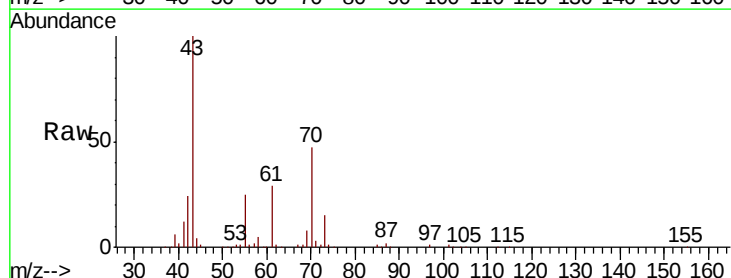
Ion Ratio Lower Upper

43 100

70 48.8 39.0 58.6

55 24.6 19.5 29.3

61 27.6 22.0 33.0

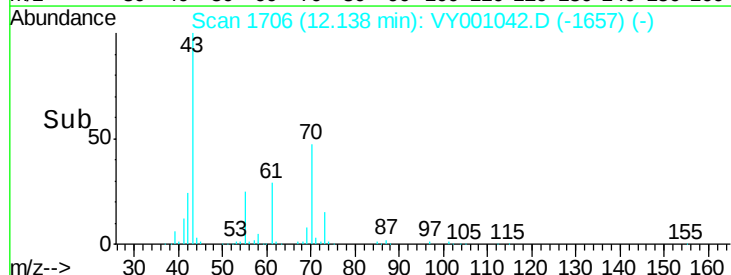
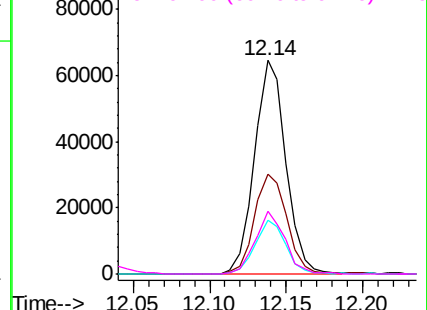


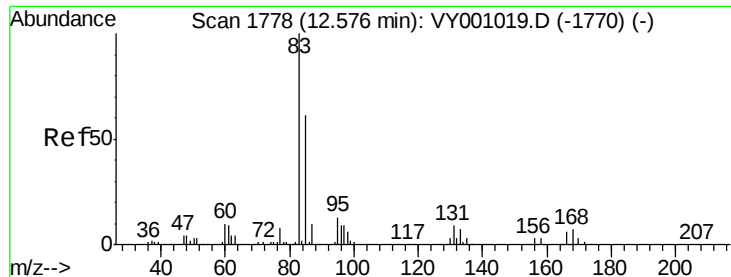
Abundance Ion 43.00 (42.70 to 43.70): VY0

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: 48.922 ug/l

RT: 12.58 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

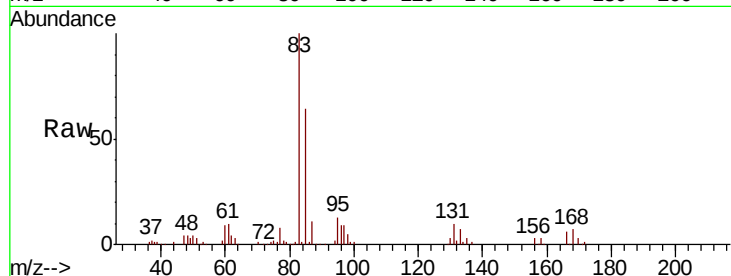
Tgt Ion: 83 Resp: 78889

Ion Ratio Lower Upper

83 100

131 9.0 5.1 15.3

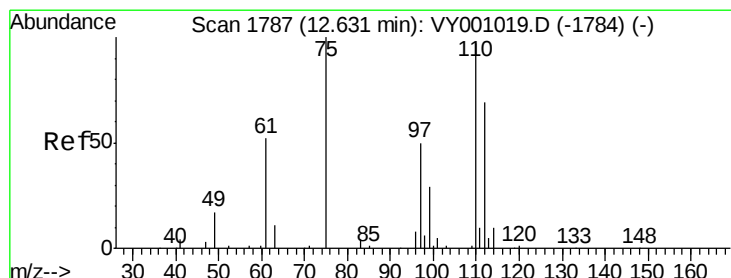
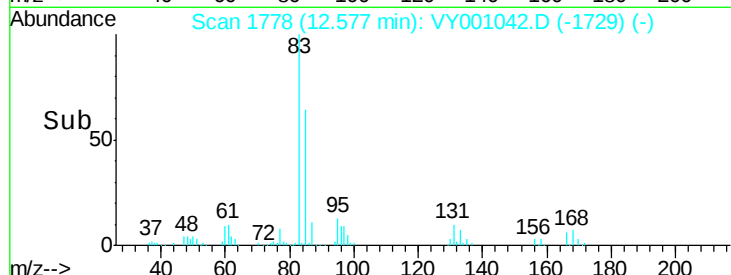
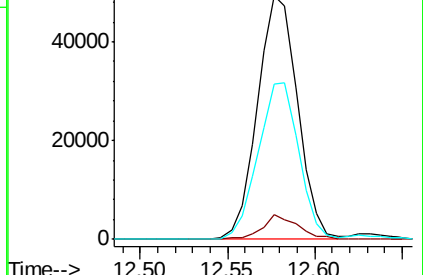
85 65.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VY001019.D (-1770) (-)

Ion 130.80 (130.50 to 131.50): VY001019.D (-1770) (-)

Ion 84.90 (84.60 to 85.60): VY001019.D (-1770) (-)



#76

1,2,3-Trichloropropane

Concen: 83.689 ug/l

RT: 12.63 min Scan# 1786

Delta R.T. -0.01 min

Lab File: VY001042.D

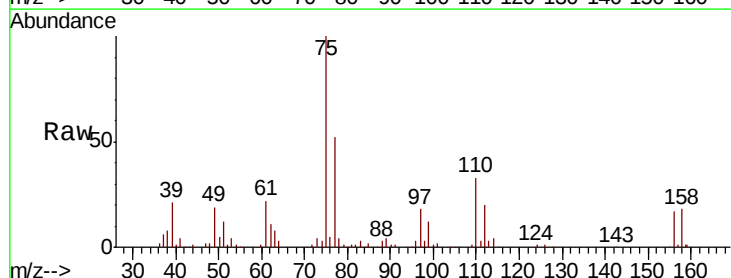
Acq: 24 Dec 2019 13:03

Tgt Ion: 75 Resp: 109130

Ion Ratio Lower Upper

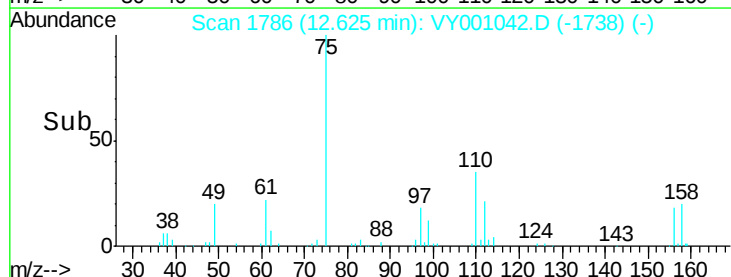
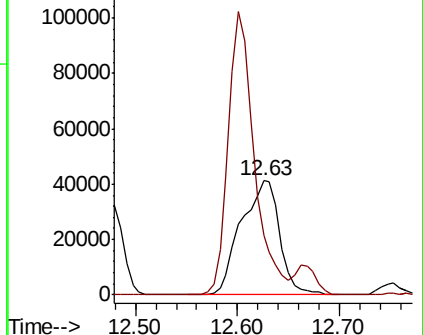
75 100

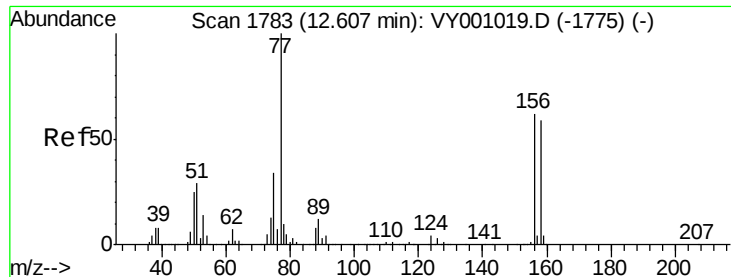
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY001019.D (-1784) (-)

Ion 77.00 (76.70 to 77.70): VY001019.D (-1784) (-)





#77

Bromobenzene

Concen: 49.278 ug/l

RT: 12.60 min Scan# 1782

Delta R.T. -0.01 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

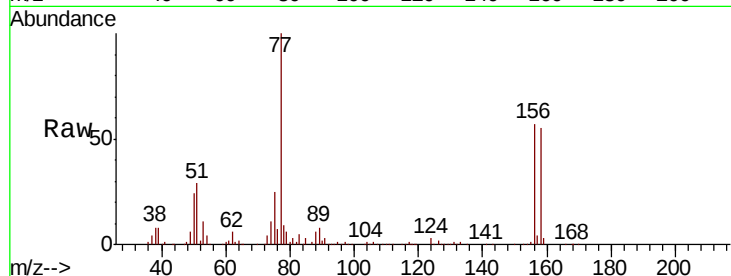
Tgt Ion:156 Resp: 90717

Ion Ratio Lower Upper

156 100

77 199.8 98.0 294.1

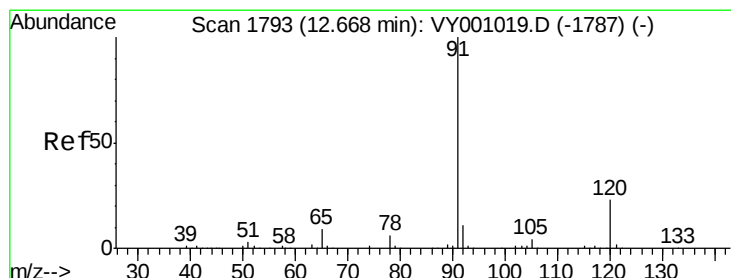
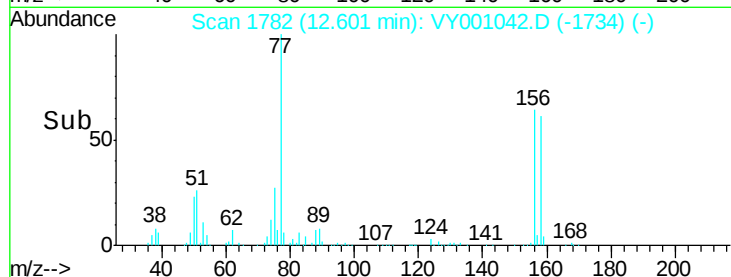
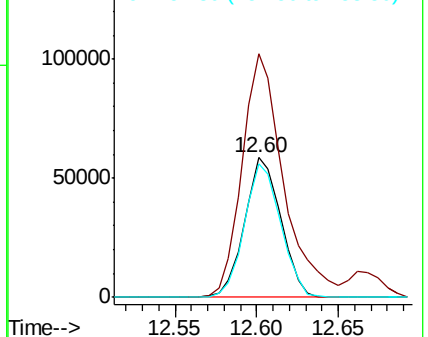
158 95.9 48.5 145.6



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: 49.030 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY001042.D

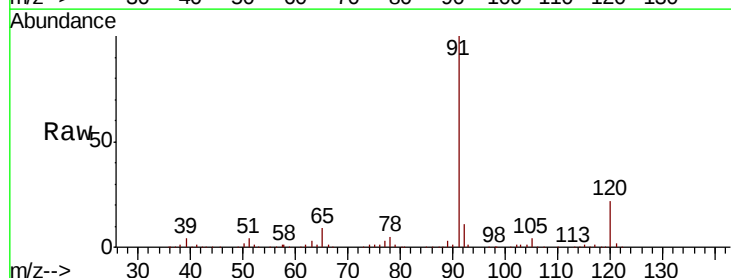
Acq: 24 Dec 2019 13:03

Tgt Ion: 91 Resp: 489022

Ion Ratio Lower Upper

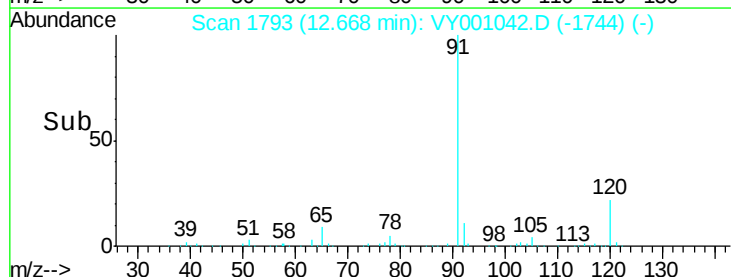
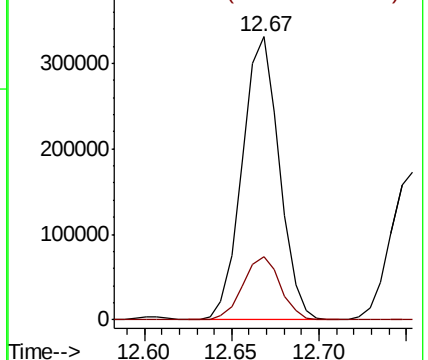
91 100

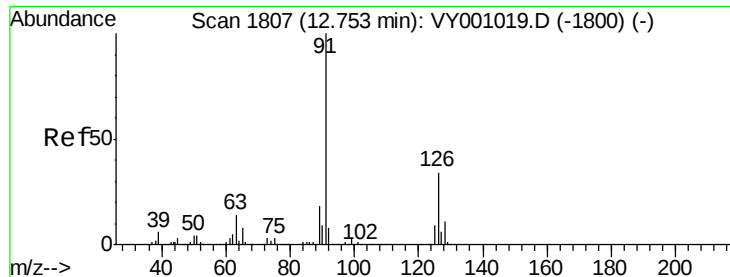
120 22.4 11.4 34.2



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V

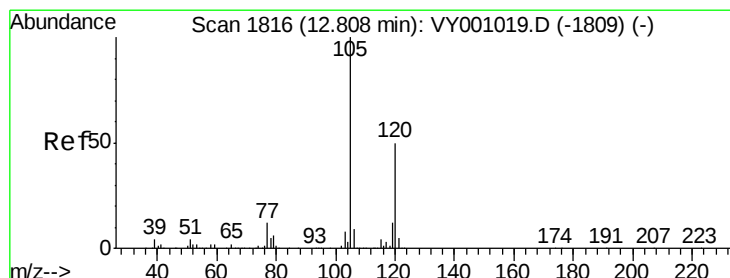
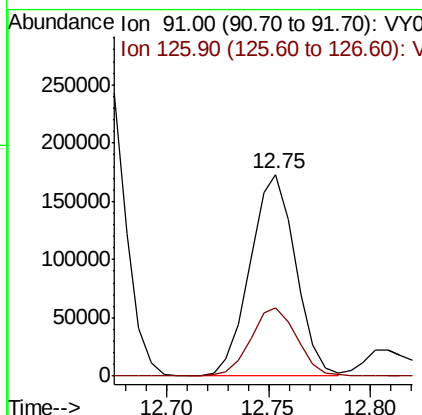
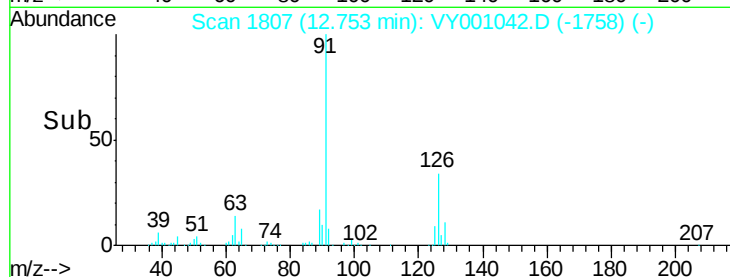
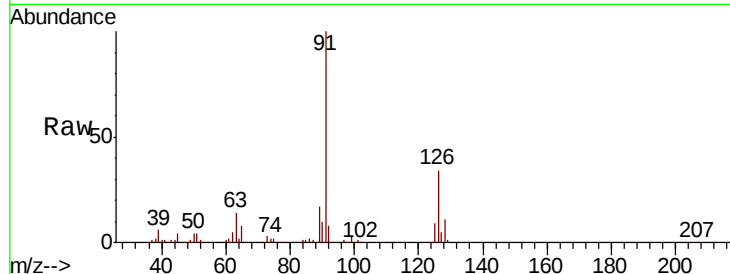




#79
 2-Chlorotoluene
 Concen: 48.869 ug/l
 RT: 12.75 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

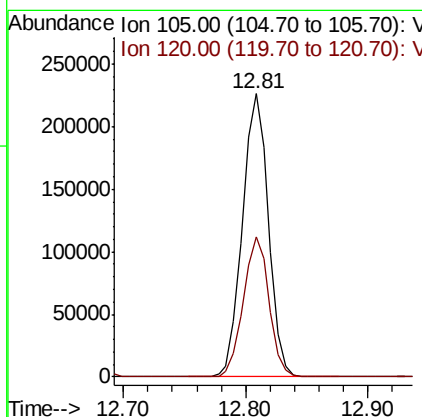
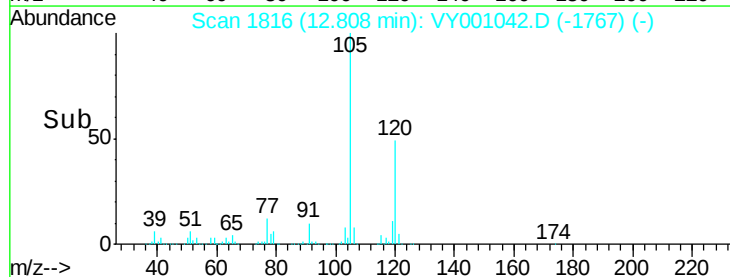
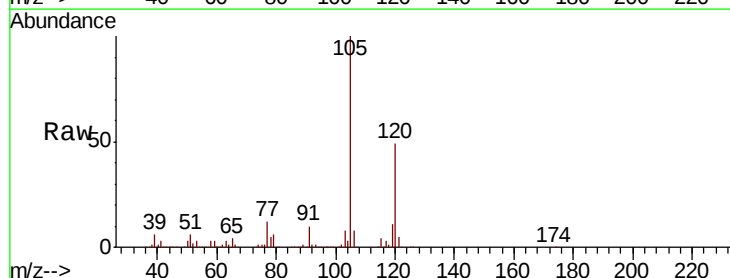
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

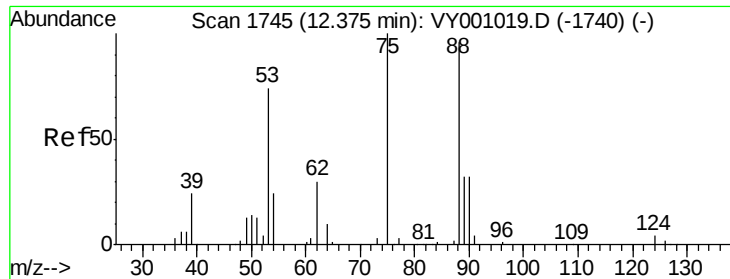
Tgt Ion: 91 Resp: 269175
 Ion Ratio Lower Upper
 91 100
 126 34.2 17.3 51.7



#80
 1,3,5-Trimethylbenzene
 Concen: 49.578 ug/l
 RT: 12.81 min Scan# 1816
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion: 105 Resp: 332649
 Ion Ratio Lower Upper
 105 100
 120 49.0 25.1 75.4





#81

trans-1,4-Dichloro-2-butene

Concen: 46.419 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

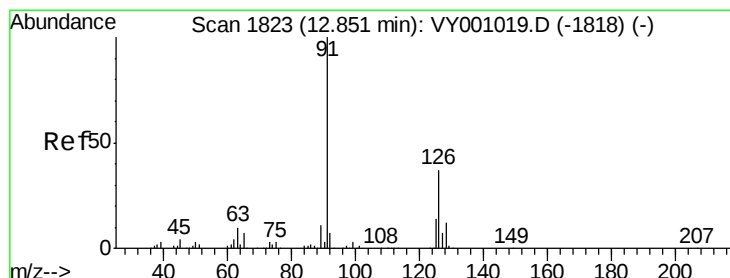
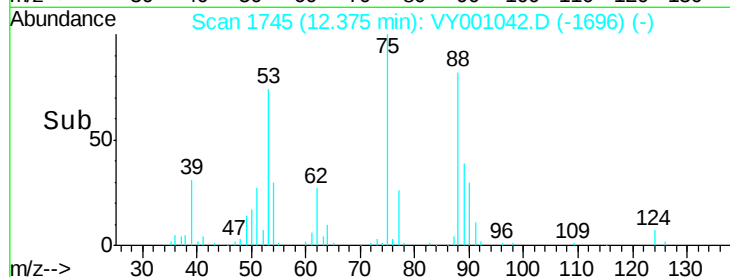
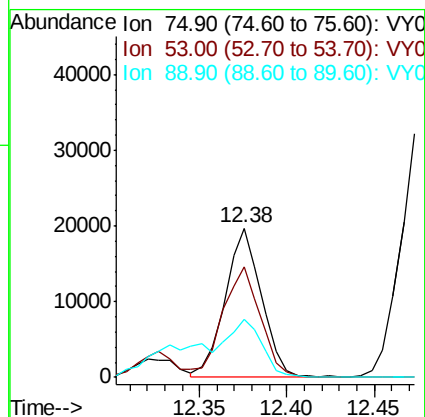
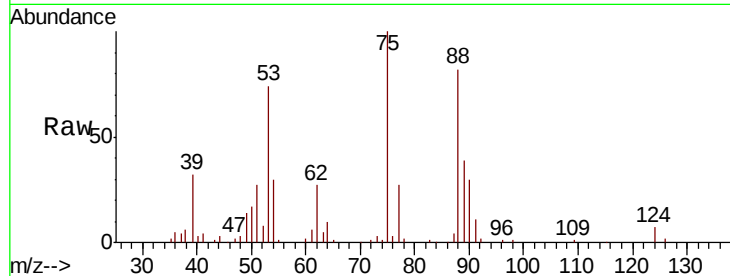
Tgt Ion: 75 Resp: 28381

Ion Ratio Lower Upper

75 100

53 76.1 60.6 91.0

89 75.3 35.4 53.0#



#82

4-Chlorotoluene

Concen: 49.143 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY001042.D

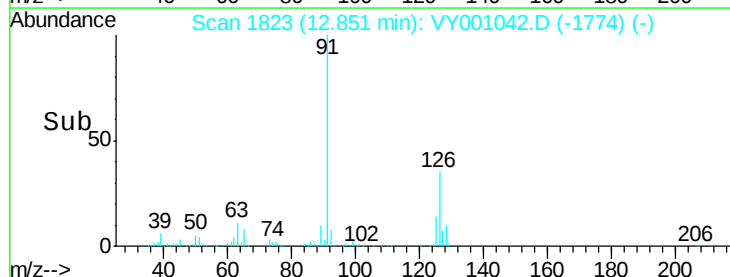
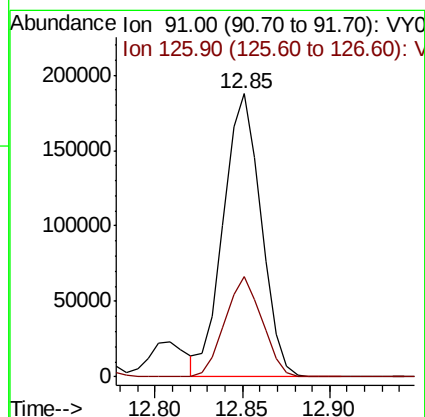
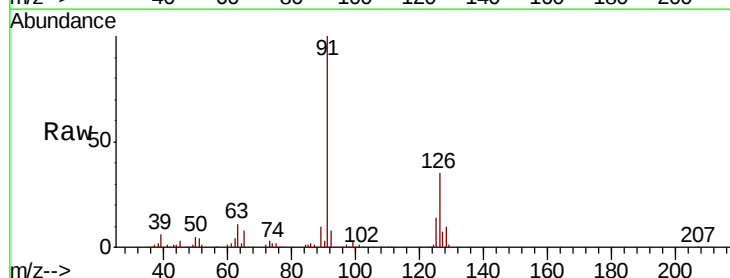
Acq: 24 Dec 2019 13:03

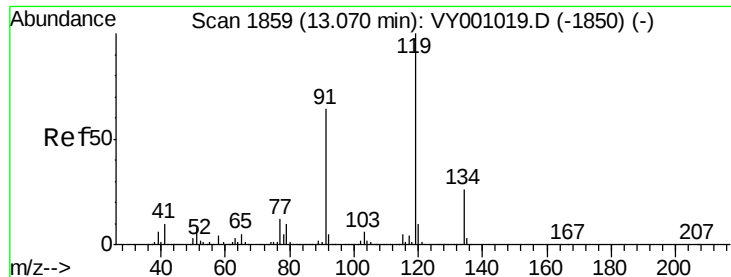
Tgt Ion: 91 Resp: 281150

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.8

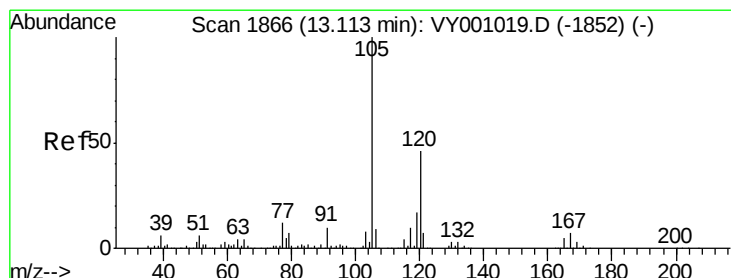
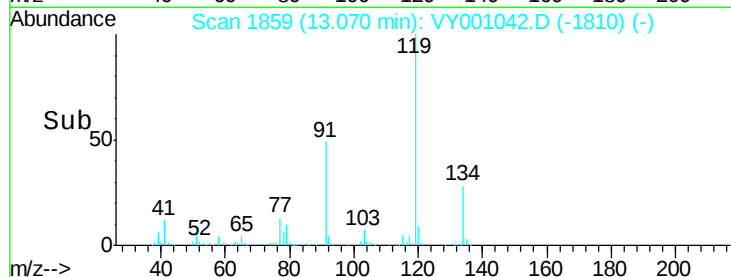
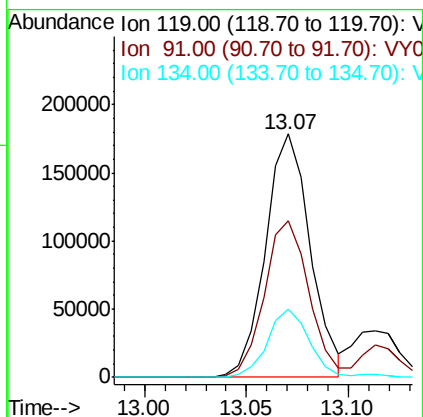
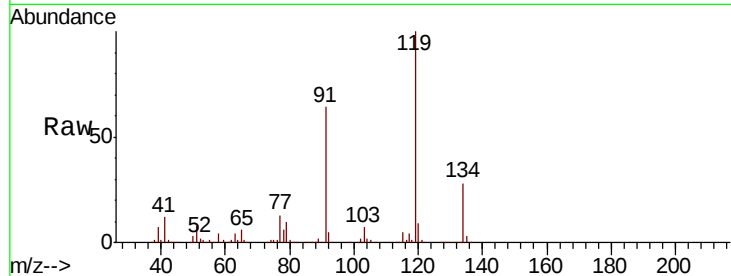




#83
tert-Butylbenzene
Concen: 48.471 ug/l
RT: 13.07 min Scan# 1859
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

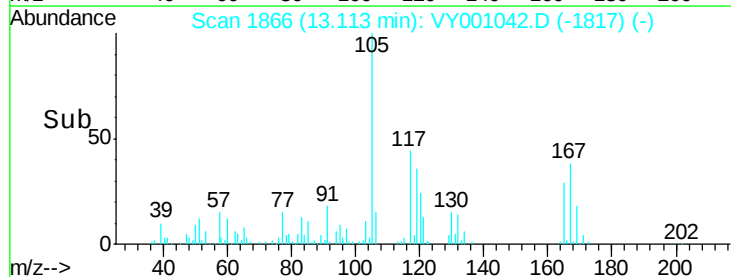
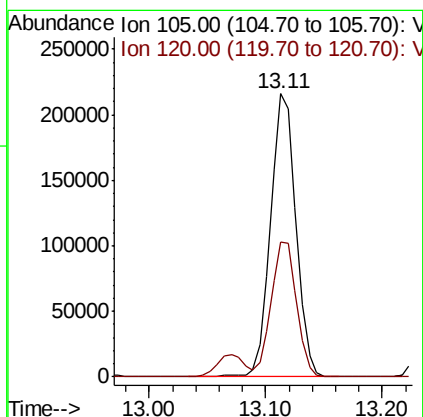
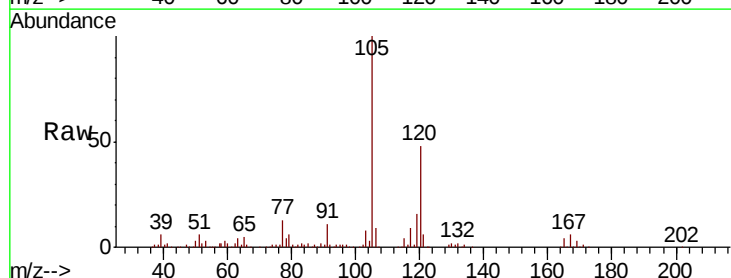
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

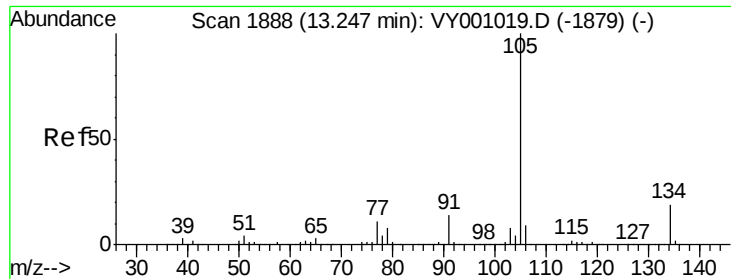
Tgt Ion:119 Resp: 272999
Ion Ratio Lower Upper
119 100
91 64.7 31.9 95.7
134 26.8 13.6 40.7



#84
1,2,4-Trimethylbenzene
Concen: 48.524 ug/l
RT: 13.11 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion:105 Resp: 327167
Ion Ratio Lower Upper
105 100
120 47.8 23.4 70.2

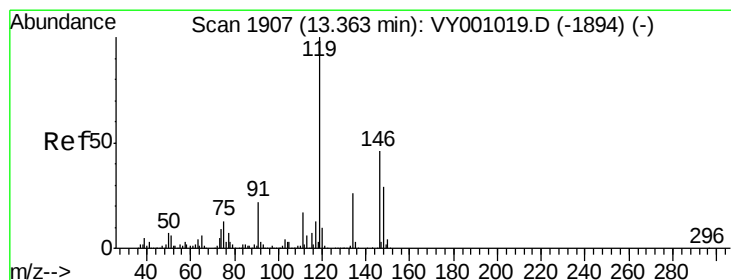
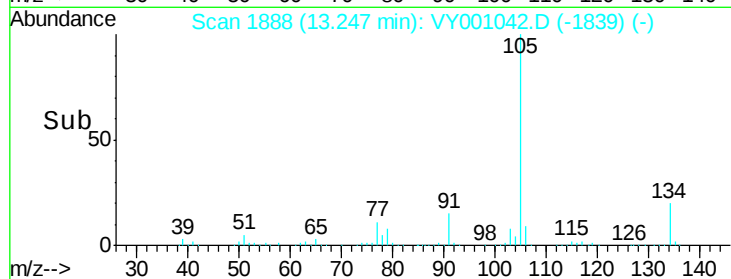
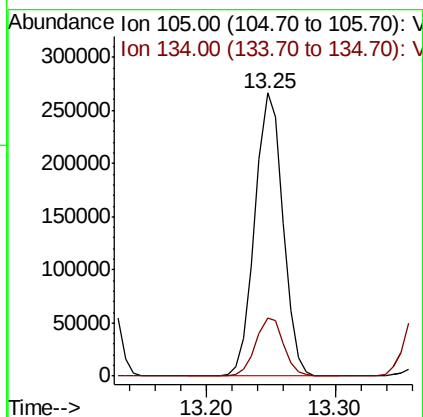
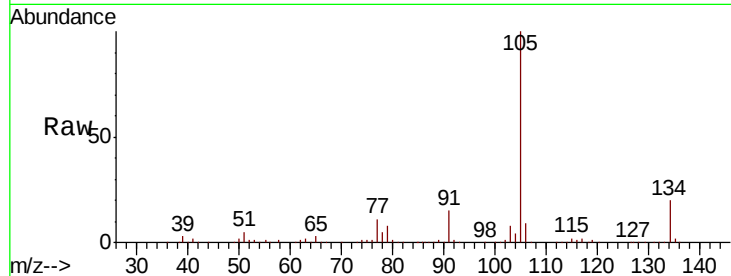




#85
 sec-Butylbenzene
 Concen: 47.999 ug/l
 RT: 13.25 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

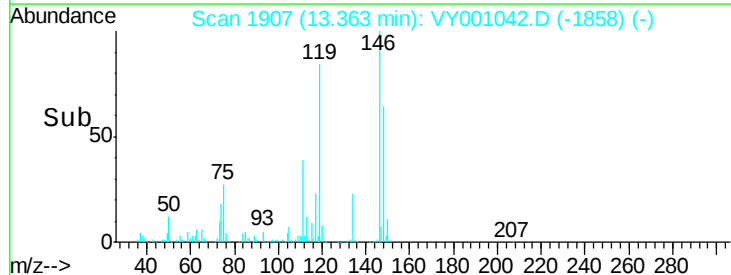
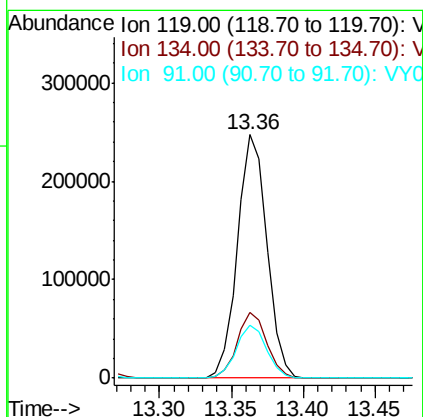
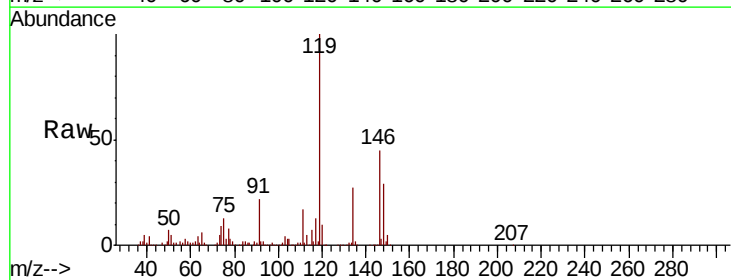
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

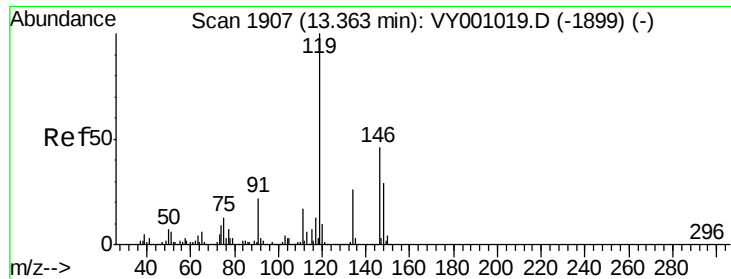
Tgt Ion:105 Resp: 398545
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 48.892 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion:119 Resp: 351274
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.6 40.7
 91 22.5 11.4 34.1

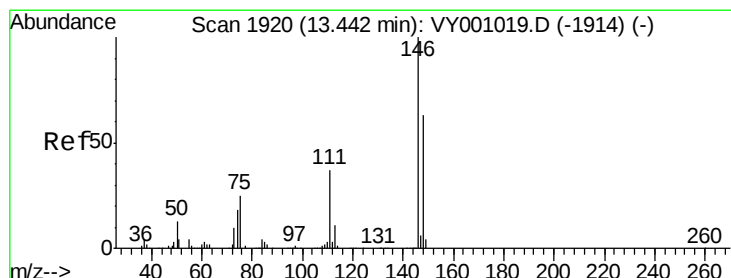
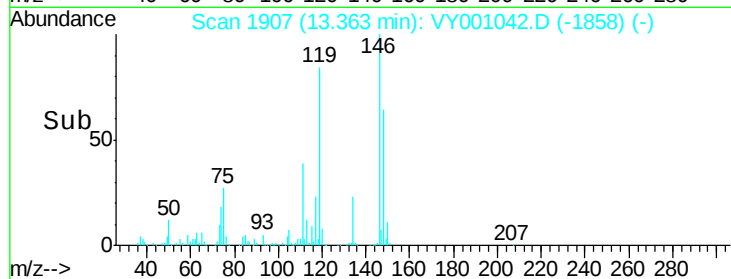
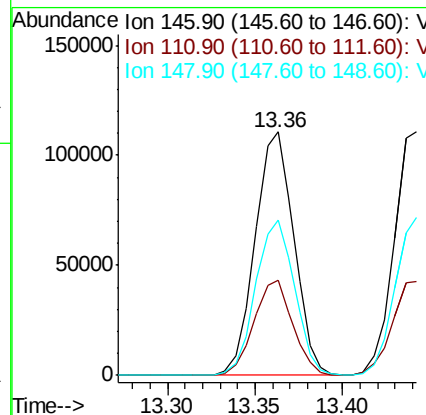
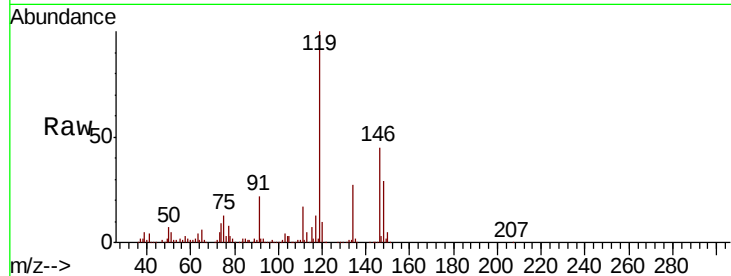




#87
 1,3-Dichlorobenzene
 Concen: 48.281 ug/l
 RT: 13.36 min Scan# 1907
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

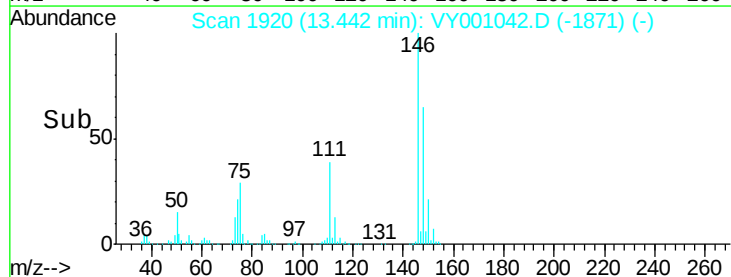
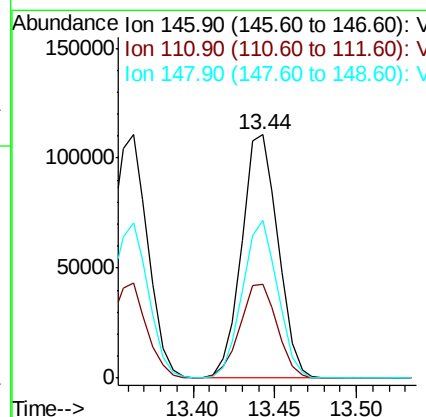
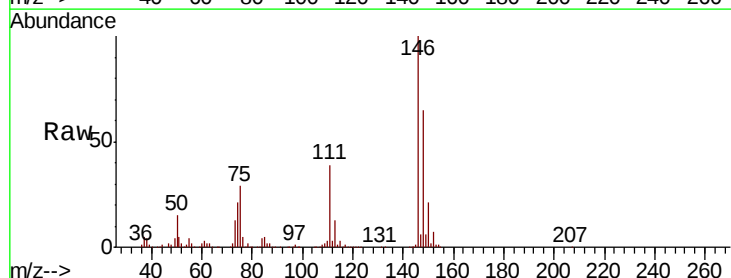
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

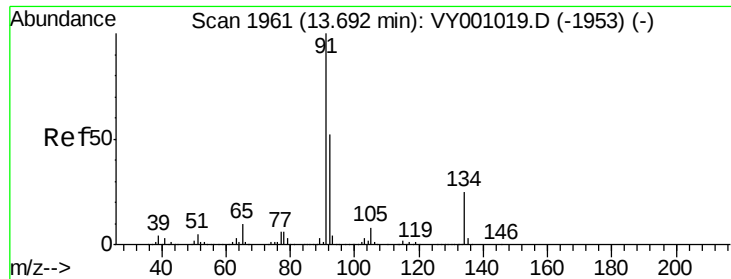
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	63.9	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 48.249 ug/l
 RT: 13.44 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.4	58.2
148	62.8	31.8	95.3

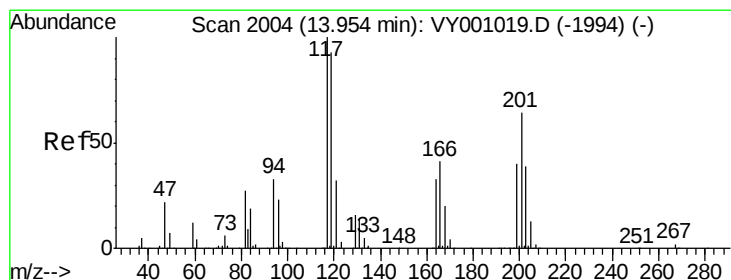
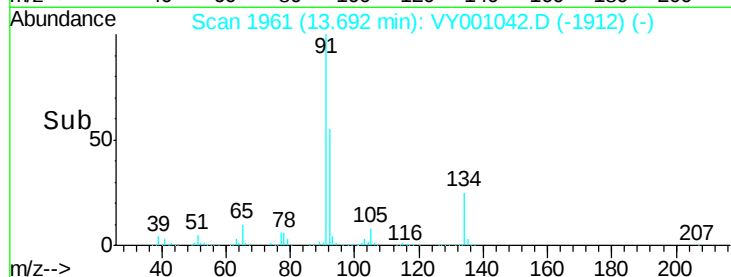
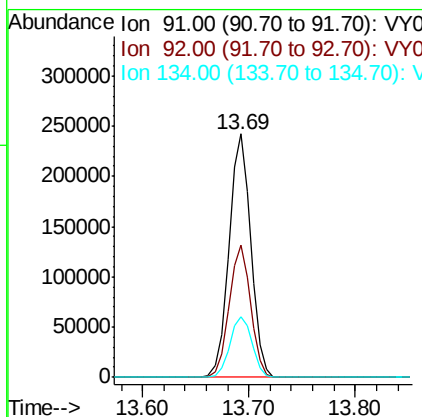
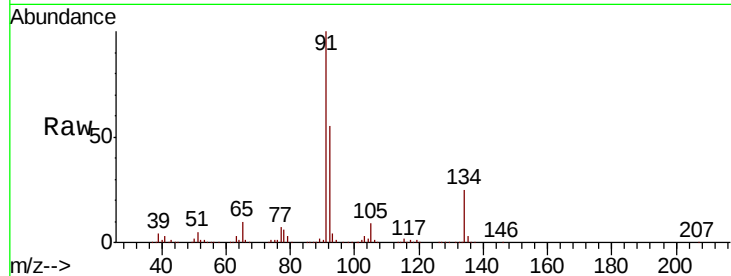




#89
n-Butylbenzene
Concen: 47.990 ug/l
RT: 13.69 min Scan# 1961
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

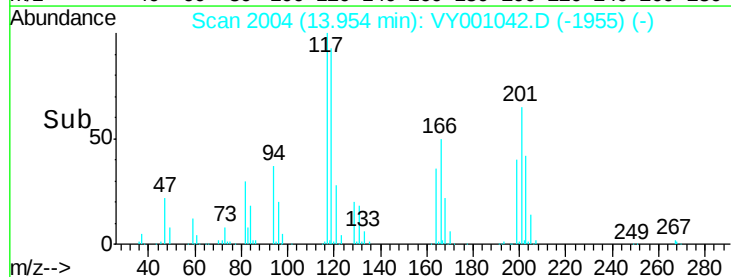
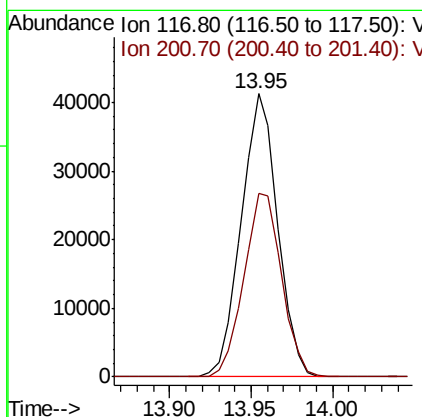
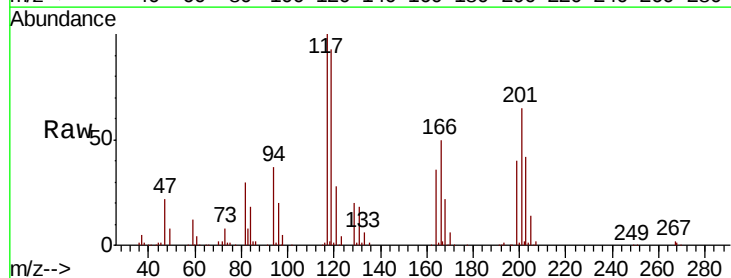
Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

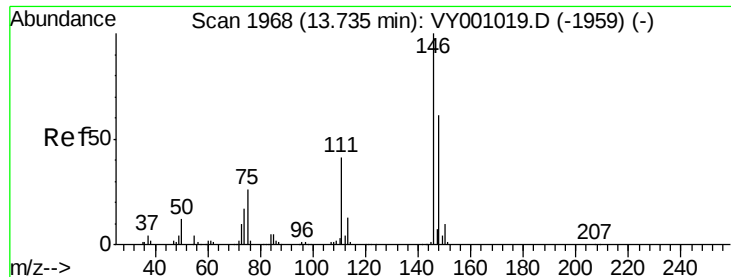
Tgt Ion: 91 Resp: 346897
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 25.4 12.7 38.0



#90
Hexachloroethane
Concen: 47.455 ug/l
RT: 13.95 min Scan# 2004
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion: 117 Resp: 64236
Ion Ratio Lower Upper
117 100
201 67.2 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 49.195 ug/l

RT: 13.73 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

Instrument :

MSVOA_Y

ClientSampleId :

SB-2-(4-5)MSD

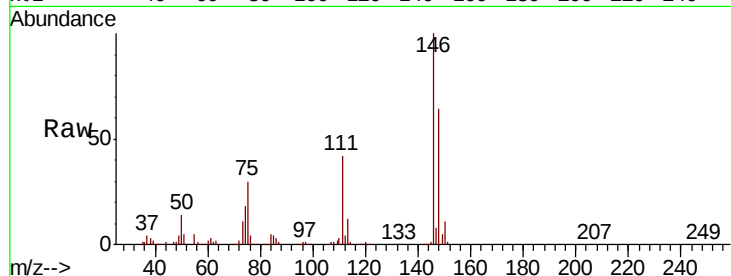
Tgt Ion:146 Resp: 160447

Ion Ratio Lower Upper

146 100

111 41.3 20.6 61.9

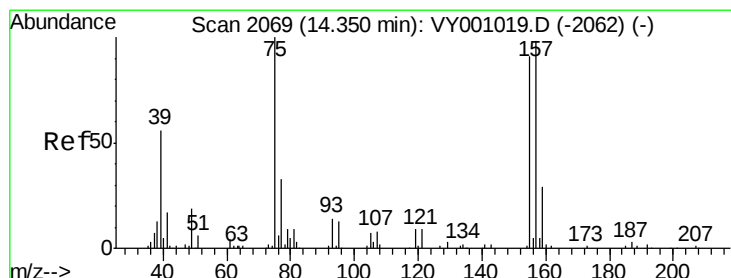
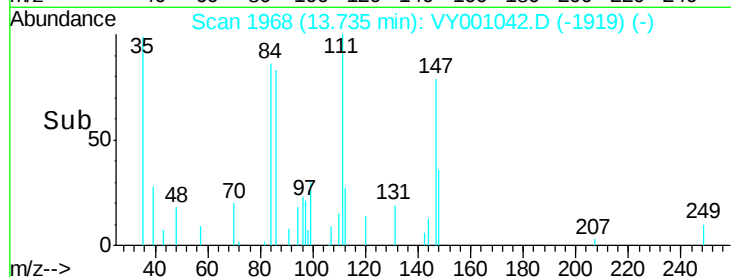
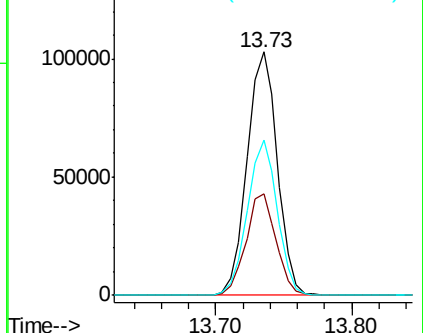
148 63.3 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.639 ug/l

RT: 14.35 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VY001042.D

Acq: 24 Dec 2019 13:03

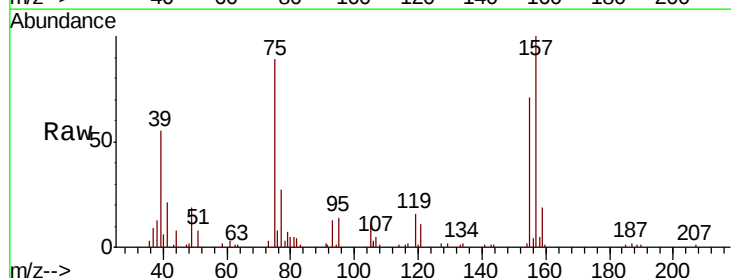
Tgt Ion: 75 Resp: 12313

Ion Ratio Lower Upper

75 100

155 86.2 46.3 138.9

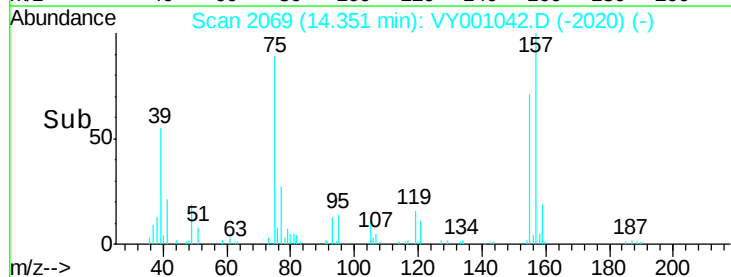
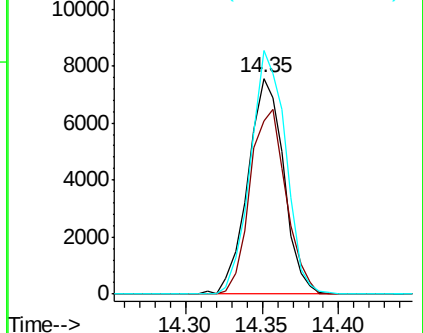
157 111.3 58.1 174.4

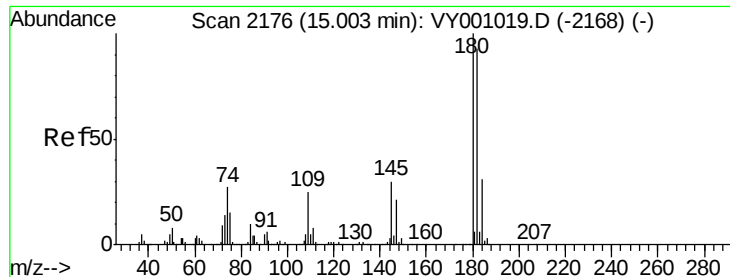


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

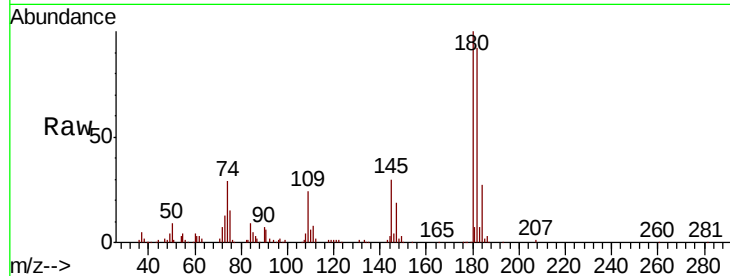




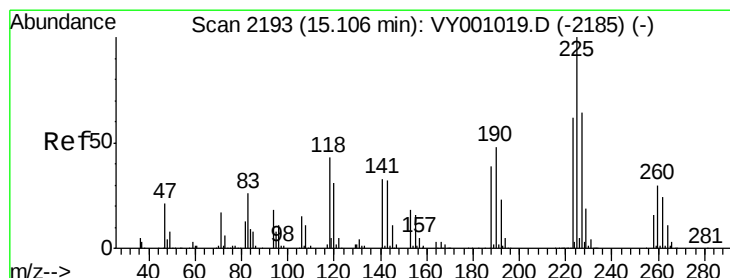
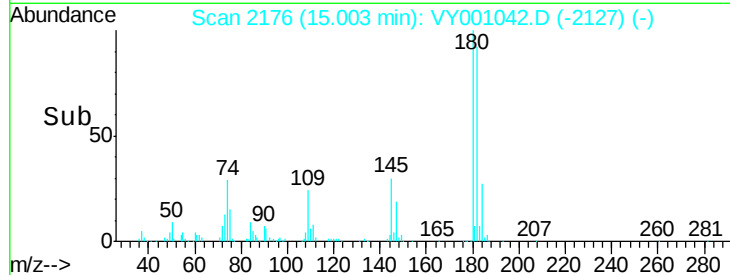
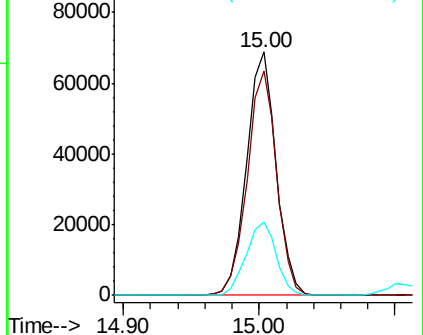
#93
 1,2,4-Trichlorobenzene
 Concen: 47.484 ug/l
 RT: 15.00 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-2-(4-5)MSD

Tgt Ion:180 Resp: 104532
 Ion Ratio Lower Upper
 180 100
 182 91.8 46.8 140.3
 145 30.4 15.3 45.9

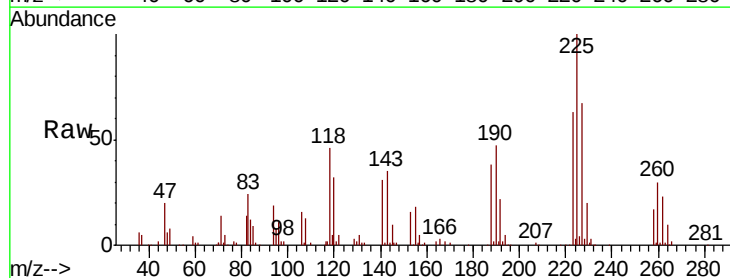


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

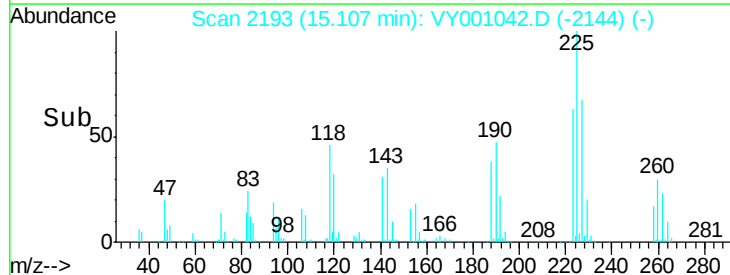
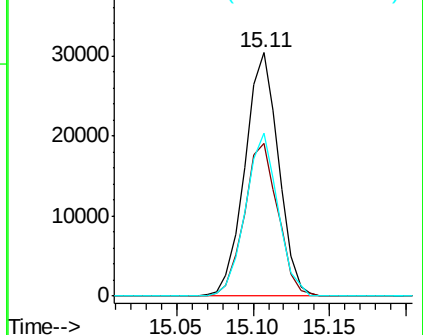


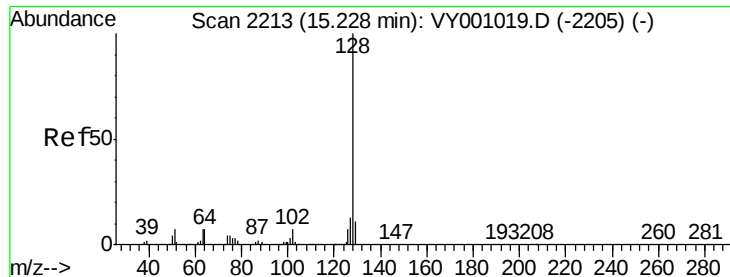
#94
 Hexachlorobutadiene
 Concen: 44.359 ug/l
 RT: 15.11 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VY001042.D
 Acq: 24 Dec 2019 13:03

Tgt Ion:225 Resp: 46470
 Ion Ratio Lower Upper
 225 100
 223 62.6 31.6 94.8
 227 64.3 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

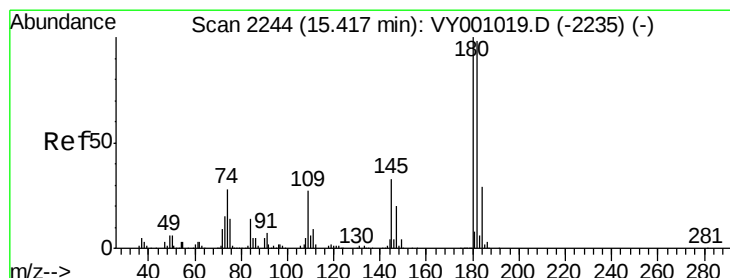
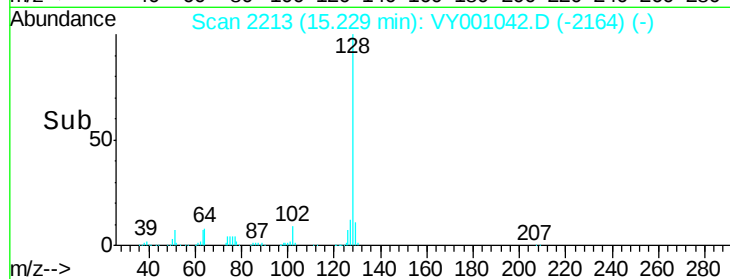
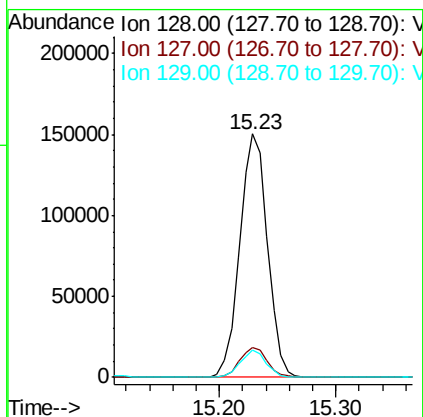
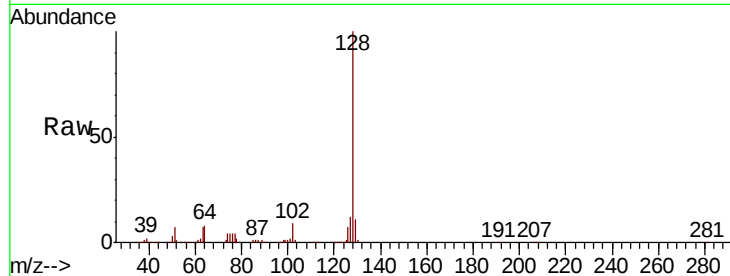




#95
Naphthalene
Concen: 48.047 ug/l
RT: 15.23 min Scan# 2213
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Instrument :
MSVOA_Y
ClientSampleId :
SB-2-(4-5)MSD

Tgt Ion	Ratio	Lower	Upper
128	100		
127	11.9	9.9	14.9
129	10.5	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.699 ug/l
RT: 15.42 min Scan# 2244
Delta R.T. 0.00 min
Lab File: VY001042.D
Acq: 24 Dec 2019 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	47.9	143.8
145	33.9	16.3	48.9

