

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008413.D
 Acq On : 20 Apr 2022 13:02
 Operator : KP/MD
 Sample : VY0420SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

Quant Time: Apr 21 02:37:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	115398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	179942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	51049	47.095	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.180%
35) Dibromofluoromethane	7.722	113	51545	45.488	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.980%
50) Toluene-d8	10.179	98	167133	43.104	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.200%
62) 4-Bromofluorobenzene	12.483	95	64602	44.297	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16557	17.325	ug/l	100
3) Chloromethane	2.113	50	23761	18.436	ug/l	98
4) Vinyl Chloride	2.253	62	31883	19.394	ug/l	93
5) Bromomethane	2.637	94	31679	22.289	ug/l	99
6) Chloroethane	2.790	64	23275	20.214	ug/l	97
7) Trichlorofluoromethane	3.119	101	37178	19.005	ug/l	96
8) Diethyl Ether	3.527	74	12924	18.281	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.893	101	24018	18.902	ug/l	92
10) Methyl Iodide	4.088	142	22731	17.633	ug/l	91
11) Tert butyl alcohol	4.954	59	16478	142.194	ug/l	100
12) 1,1-Dichloroethene	3.875	96	20964	18.418	ug/l #	79
13) Acrolein	3.729	56	5330	58.414	ug/l	92
14) Allyl chloride	4.479	41	26357	17.743	ug/l #	86
15) Acrylonitrile	5.161	53	34144	98.747	ug/l	96
16) Acetone	3.942	43	27265	104.577	ug/l	91
17) Carbon Disulfide	4.192	76	50551	16.835	ug/l	99
18) Methyl Acetate	4.485	43	16409	22.569	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	66872	19.038	ug/l	97
20) Methylene Chloride	4.716	84	30711	17.208	ug/l #	80
21) trans-1,2-Dichloroethene	5.222	96	24538	17.994	ug/l #	79
22) Diisopropyl ether	6.125	45	67634	19.299	ug/l #	91
23) Vinyl Acetate	6.058	43	220100	96.925	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	42866	19.055	ug/l	98
25) 2-Butanone	6.984	43	42061	103.173	ug/l #	73
26) 2,2-Dichloropropane	6.984	77	39982	19.299	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	29484	18.222	ug/l	85
28) Bromochloromethane	7.338	49	15399	17.859	ug/l #	75
29) Tetrahydrofuran	7.350	42	27235	103.473	ug/l #	75
30) Chloroform	7.508	83	46767	18.618	ug/l	98
31) Cyclohexane	7.783	56	35203	17.960	ug/l #	80
32) 1,1,1-Trichloroethane	7.704	97	41045	18.679	ug/l	96
36) 1,1-Dichloropropene	7.917	75	33340	18.425	ug/l	95
37) Ethyl Acetate	7.070	43	19932	21.363	ug/l #	91
38) Carbon Tetrachloride	7.905	117	35480	18.226	ug/l	96
39) Methylcyclohexane	9.185	83	42795	18.381	ug/l #	84
40) Benzene	8.161	78	98553	18.290	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	26260	50.310	ug/l #	39
42) 1,2-Dichloroethane	8.240	62	30798	19.701	ug/l	88
43) Isopropyl Acetate	8.277	43	35309	20.391	ug/l #	87
44) Trichloroethene	8.941	130	28325	18.445	ug/l	97
45) 1,2-Dichloropropane	9.216	63	25319	19.235	ug/l #	89
46) Dibromomethane	9.301	93	16308	18.719	ug/l	94
47) Bromodichloromethane	9.496	83	36923	18.845	ug/l	99
48) Methyl methacrylate	9.295	41	14800	20.106	ug/l #	74
49) 1,4-Dioxane	9.301	88	4608	409.859	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	95553	106.867	ug/l #	85
52) Toluene	10.246	92	66960	18.861	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	37521	18.791	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	41591	18.463	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	23665	19.042	ug/l	94
56) Ethyl methacrylate	10.508	69	29377	19.281	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	38258	19.170	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	55559	92.572	ug/l	91
59) 2-Hexanone	10.831	43	65709	106.801	ug/l	84
60) Dibromochloromethane	10.983	129	26603	18.326	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22997	18.927	ug/l	99
64) Tetrachloroethene	10.721	164	24171	19.059	ug/l	97
65) Chlorobenzene	11.514	112	72810	18.658	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	27003	18.544	ug/l	98
67) Ethyl Benzene	11.593	91	126328	19.036	ug/l	98
68) m/p-Xylenes	11.703	106	97736	37.032	ug/l	93
69) o-Xylene	12.032	106	47367	18.494	ug/l	91
70) Styrene	12.044	104	78481	18.580	ug/l	94
71) Bromoform	12.209	173	16396	18.679	ug/l #	100
73) Isopropylbenzene	12.331	105	124884	19.201	ug/l	99
74) N-amyl acetate	12.142	43	30748	21.775	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.581	83	27861	20.244	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	34676	35.839	ug/l #	100
77) Bromobenzene	12.611	156	29538	18.533	ug/l	96
78) n-propylbenzene	12.672	91	151339	19.718	ug/l	99
79) 2-Chlorotoluene	12.758	91	82278	19.102	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	102641	19.245	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	8732	20.193	ug/l	87
82) 4-Chlorotoluene	12.855	91	86282	19.493	ug/l	97
83) tert-Butylbenzene	13.075	119	90348	18.883	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	100910	19.119	ug/l	97
85) sec-Butylbenzene	13.251	105	137650	19.405	ug/l	100
86) p-Isopropyltoluene	13.367	119	112745	19.047	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	58146	18.420	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	58915	18.858	ug/l	98
89) n-Butylbenzene	13.696	91	103945	19.436	ug/l	99
90) Hexachloroethane	13.959	117	20990	18.972	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	52533	18.706	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4187	21.263	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	29064	17.497	ug/l	98
94) Hexachlorobutadiene	15.111	225	14707	17.440	ug/l	99
95) Naphthalene	15.239	128	64757	18.200	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25789	17.742	ug/l	99

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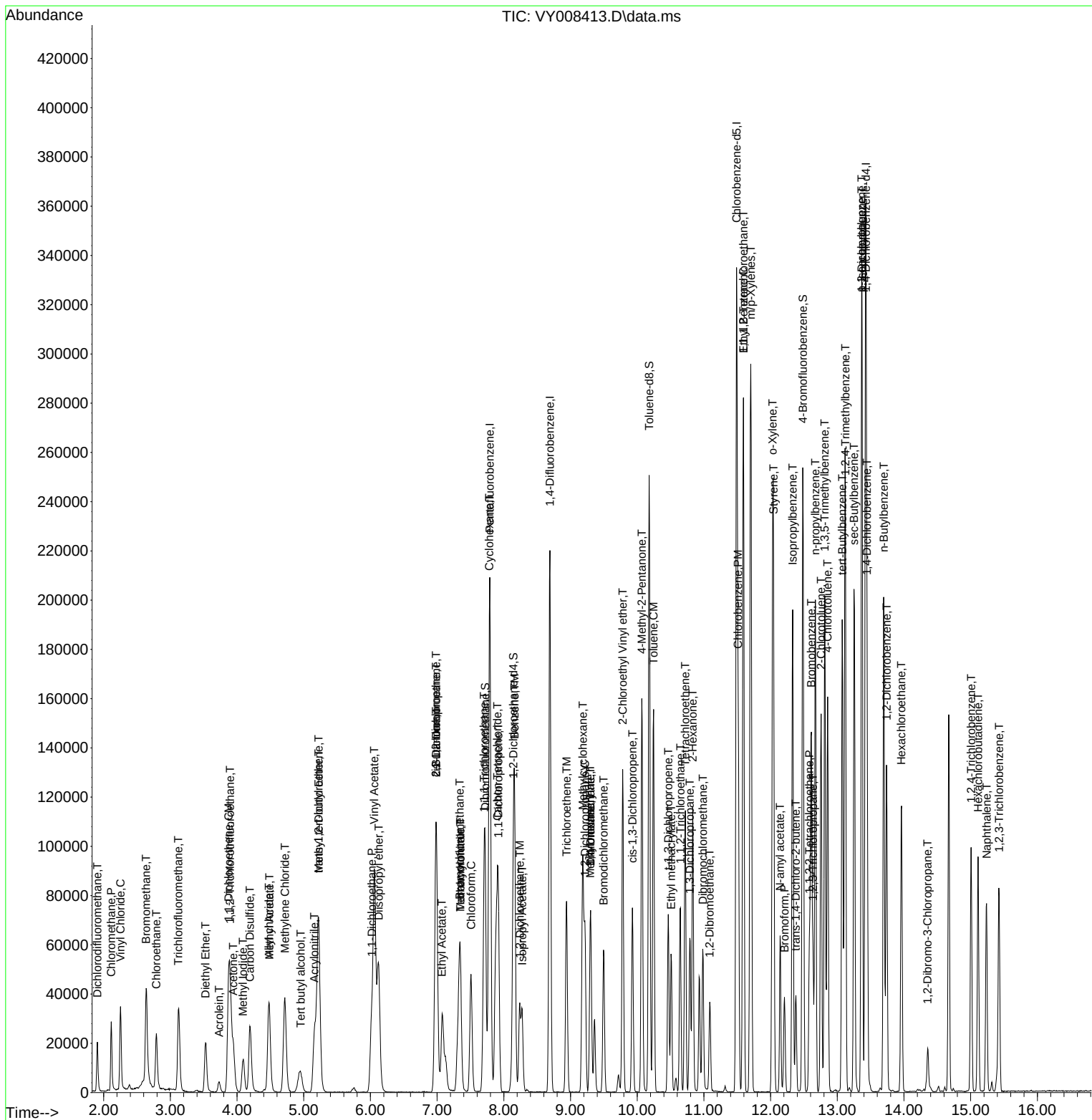
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

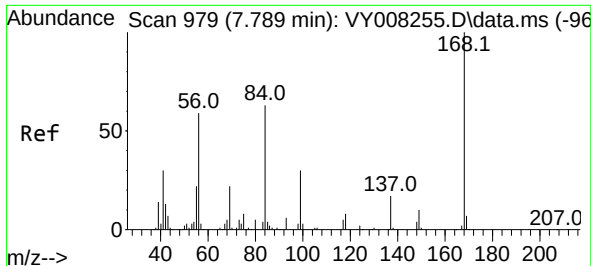
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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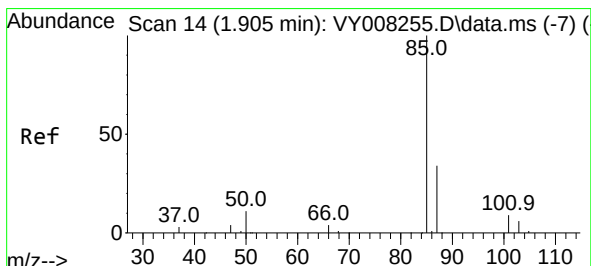
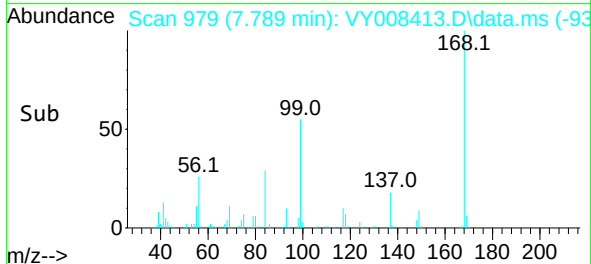
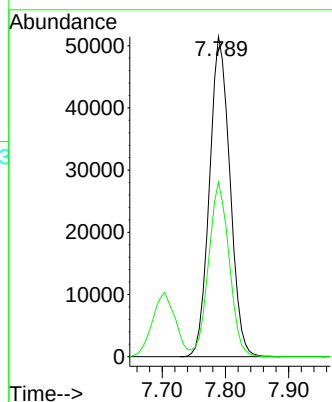
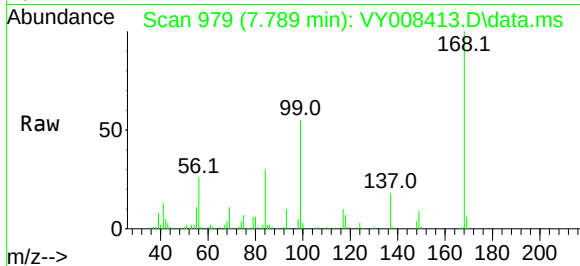




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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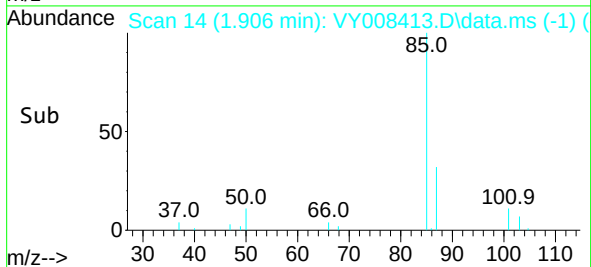
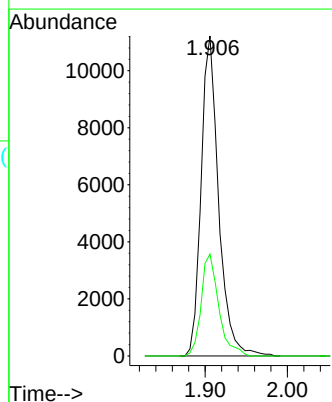
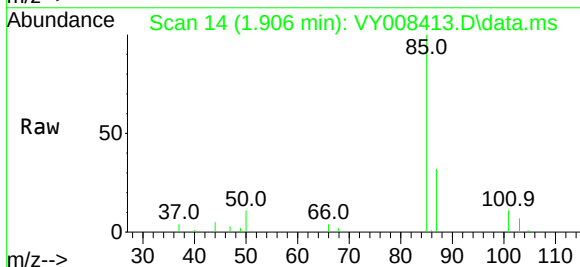
Instrument :
MSVOA_Y
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VY0420SBS01

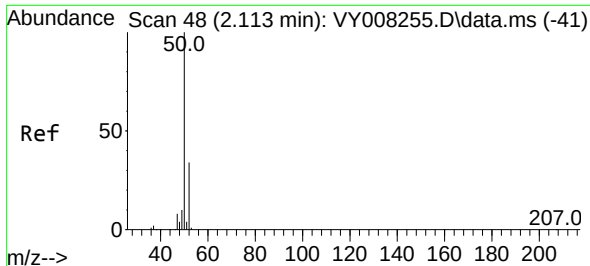
Tgt Ion:168 Resp: 115398
Ion Ratio Lower Upper
168 100
99 54.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 17.325 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 85 Resp: 16557
Ion Ratio Lower Upper
85 100
87 31.8 16.1 48.2

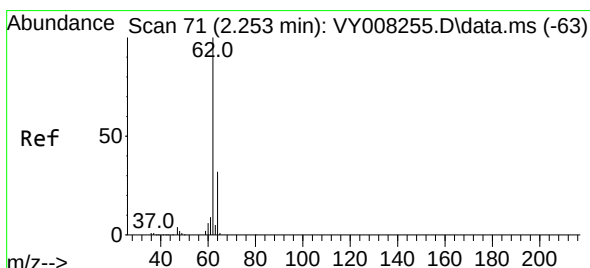
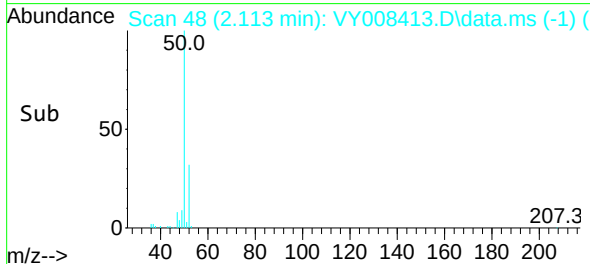
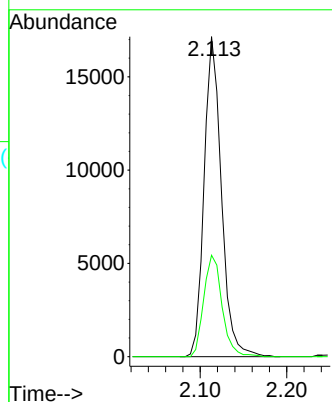
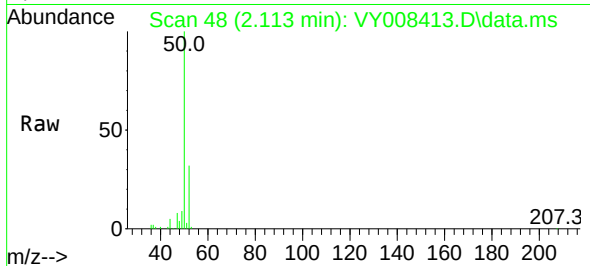




#3
Chloromethane
Concen: 18.436 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

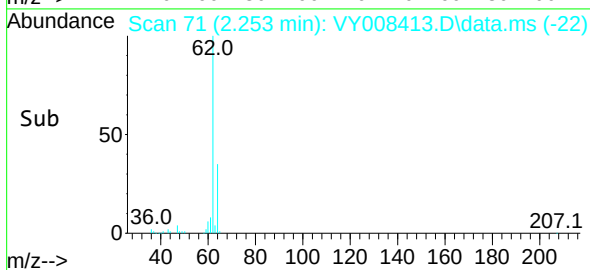
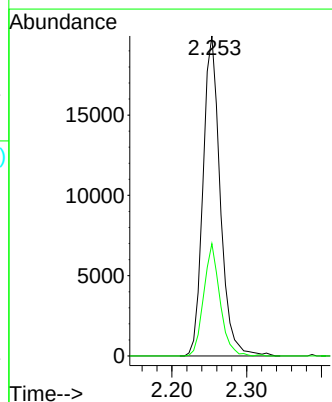
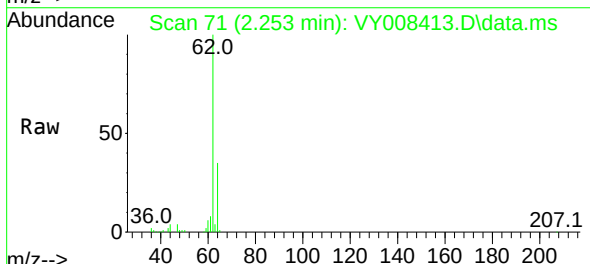
Instrument :
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ClientSampleId :
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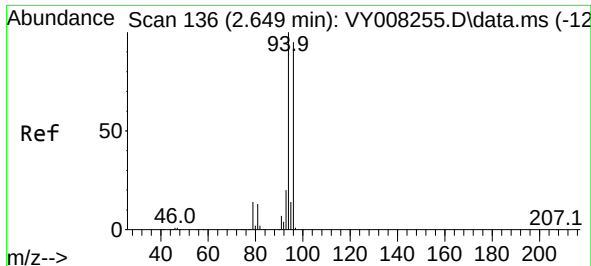
Tgt Ion: 50 Resp: 23761
Ion Ratio Lower Upper
50 100
52 31.7 24.6 37.0



#4
Vinyl Chloride
Concen: 19.394 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 62 Resp: 31883
Ion Ratio Lower Upper
62 100
64 35.1 25.0 37.6

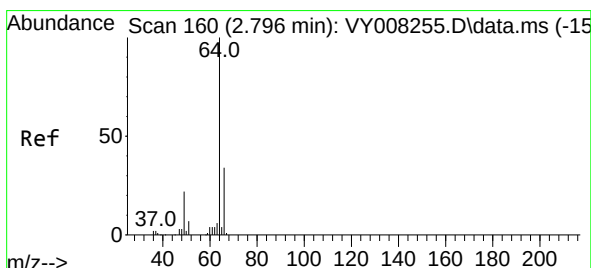
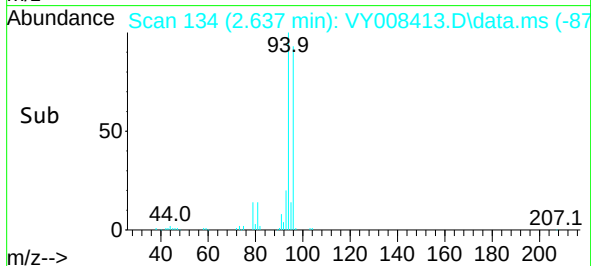
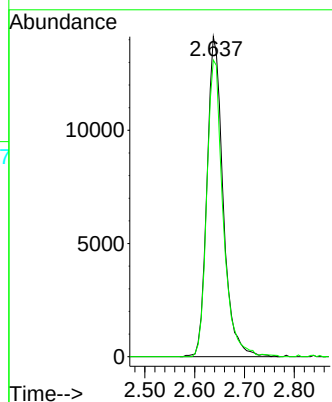
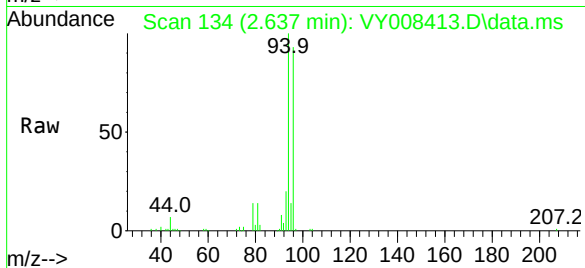




#5
Bromomethane
Concen: 22.289 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

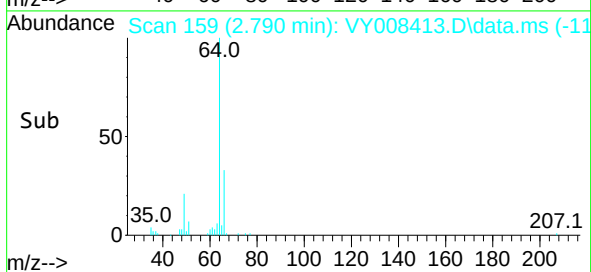
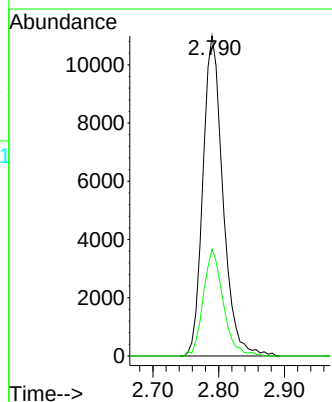
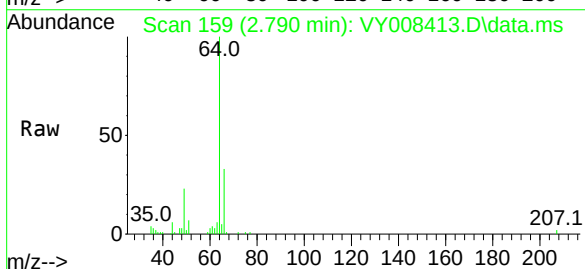
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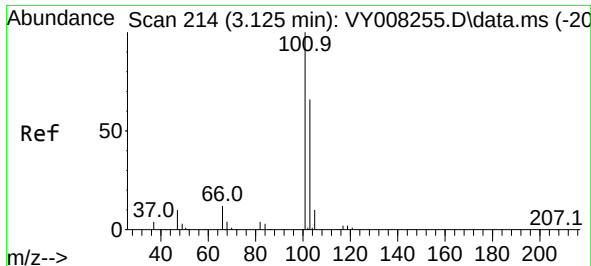
Tgt Ion: 94 Resp: 31679
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 20.214 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 64 Resp: 23275
Ion Ratio Lower Upper
64 100
66 33.5 25.4 38.0

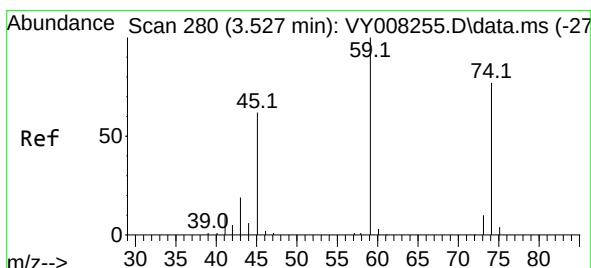
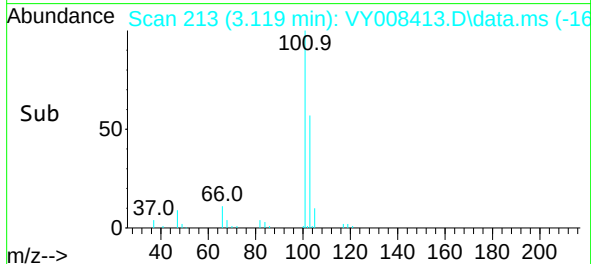
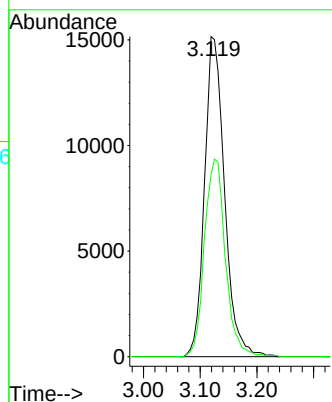
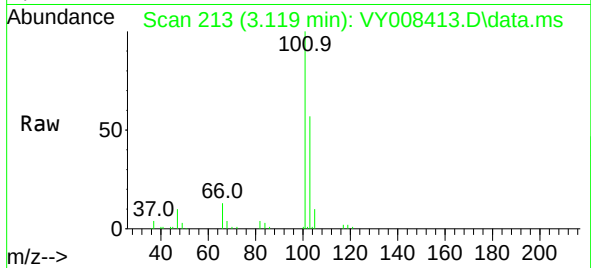




#7
Trichlorofluoromethane
Concen: 19.005 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

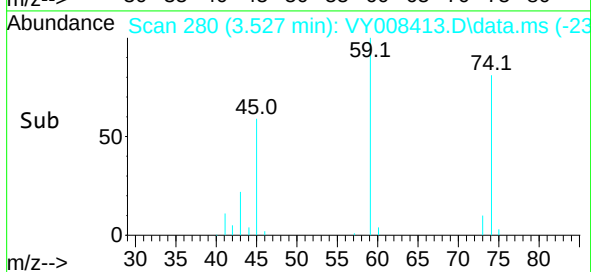
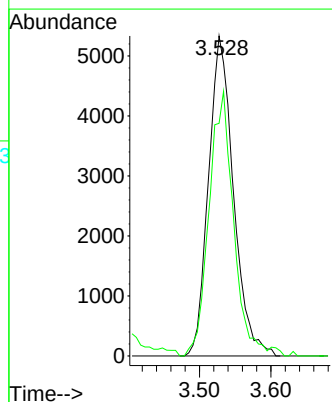
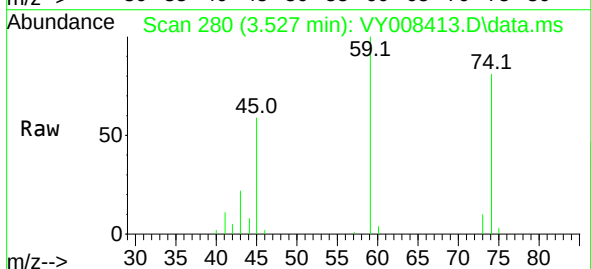
Instrument :
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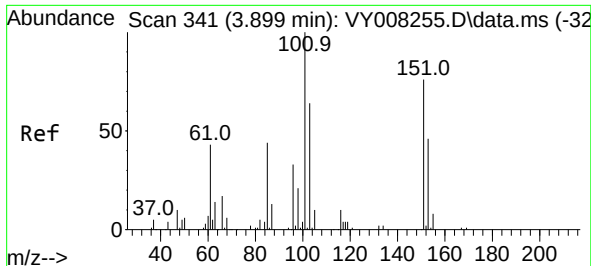
Tgt Ion:101 Resp: 37178
Ion Ratio Lower Upper
101 100
103 56.8 48.0 72.0



#8
Diethyl Ether
Concen: 18.281 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 74 Resp: 12924
Ion Ratio Lower Upper
74 100
45 81.8 55.1 165.5

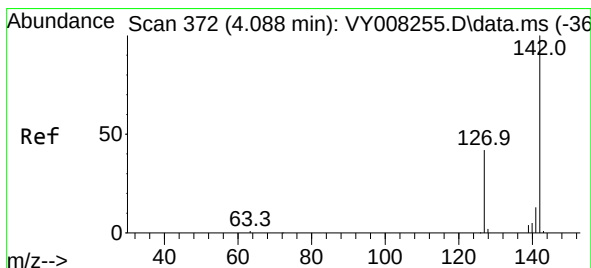
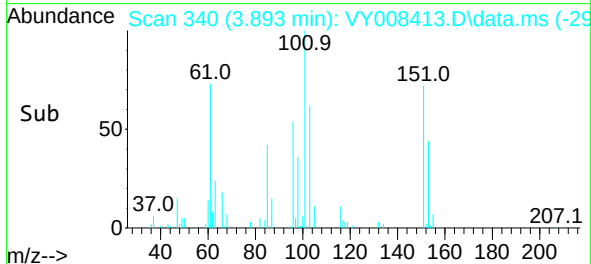
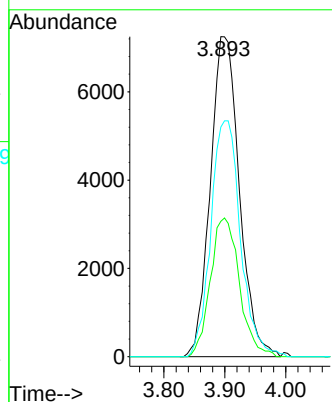
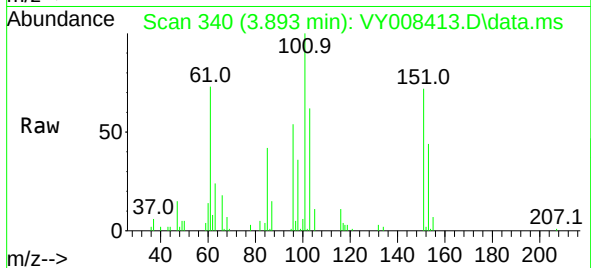




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.902 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

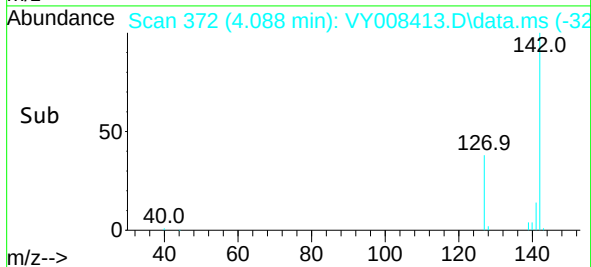
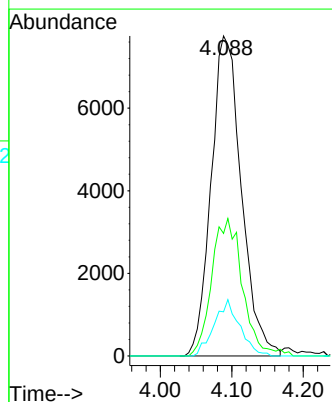
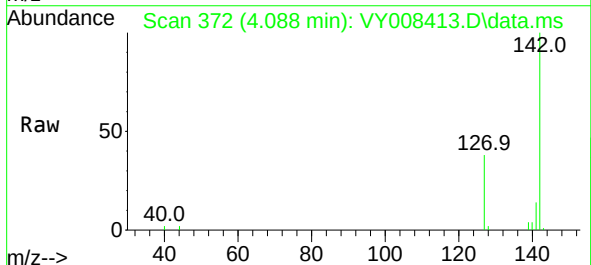
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

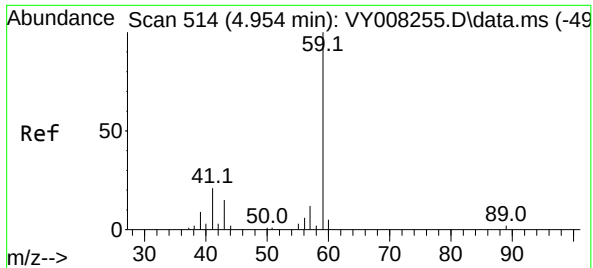
Tgt Ion:101 Resp: 24018
Ion Ratio Lower Upper
101 100
85 43.3 40.6 60.8
151 75.2 64.9 97.3



#10
Methyl Iodide
Concen: 17.633 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion:142 Resp: 22731
Ion Ratio Lower Upper
142 100
127 43.8 41.5 62.3
141 15.0 11.9 17.9

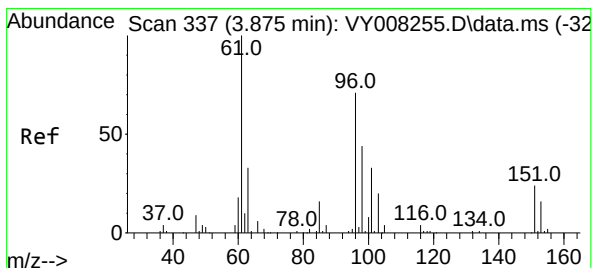
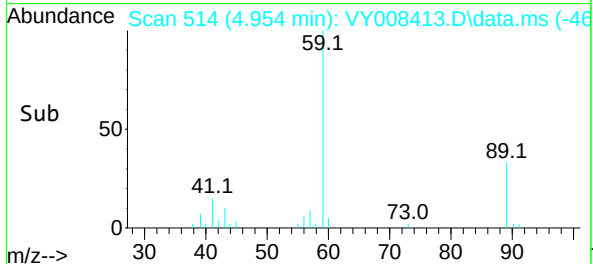
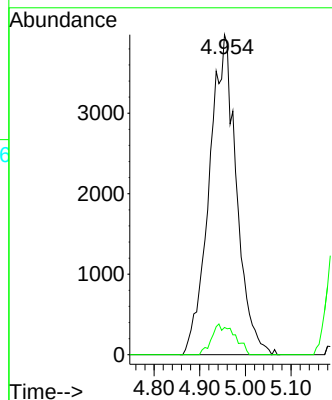
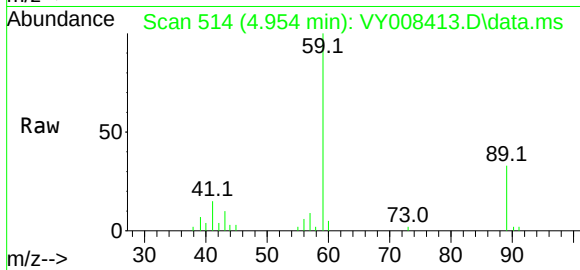




#11
Tert butyl alcohol
Concen: 142.194 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

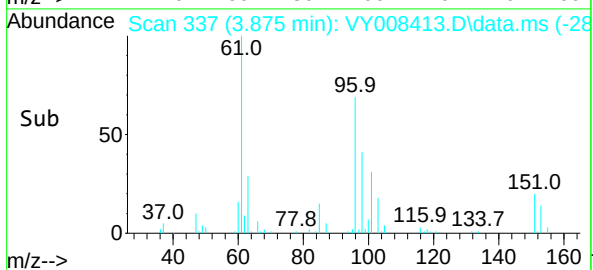
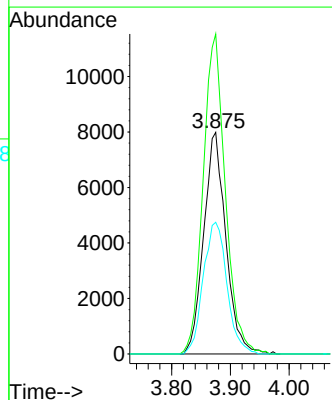
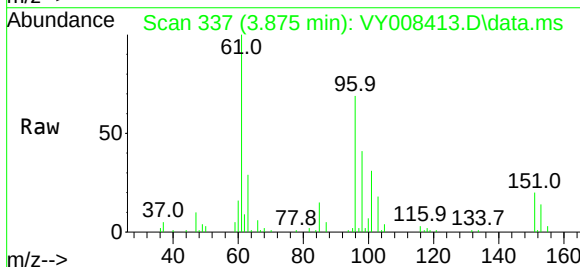
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

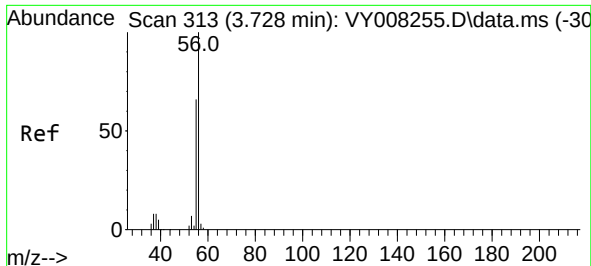
Tgt Ion: 59 Resp: 16478
Ion Ratio Lower Upper
59 100
57 8.1 6.4 9.6



#12
1,1-Dichloroethene
Concen: 18.418 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 96 Resp: 20964
Ion Ratio Lower Upper
96 100
61 144.4 145.8 218.6#
98 59.4 52.5 78.7





#13

Acrolein

Concen: 58.414 ug/l

RT: 3.729 min Scan# 313

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

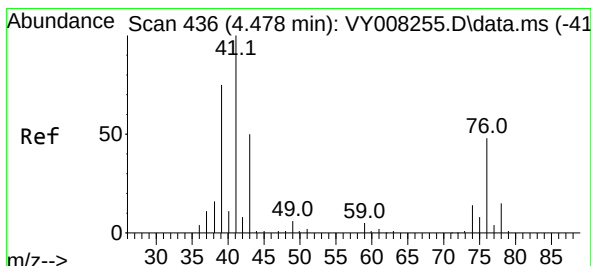
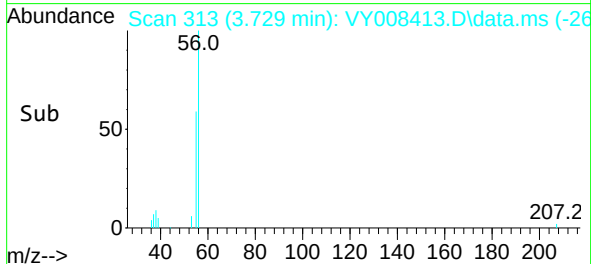
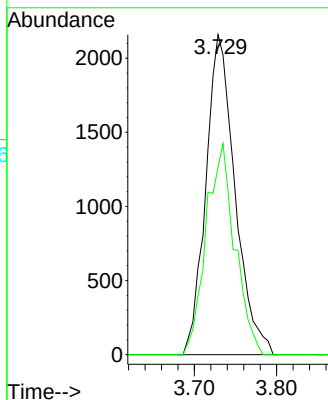
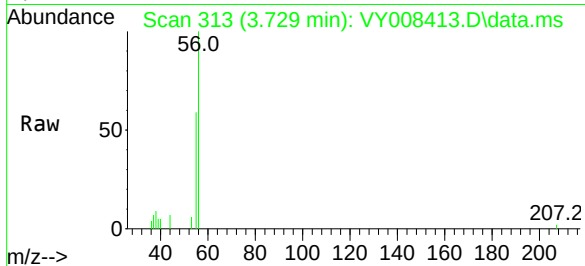
VY0420SBSD01

Tgt Ion: 56 Resp: 5330

Ion Ratio Lower Upper

56 100

55 65.0 57.6 86.4



#14

Allyl chloride

Concen: 17.743 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

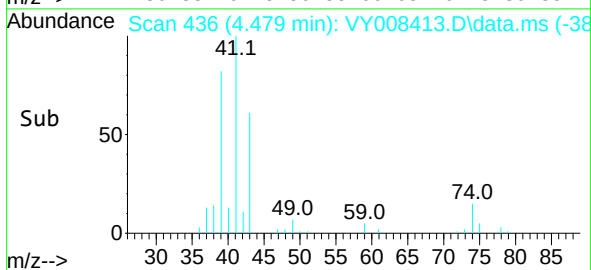
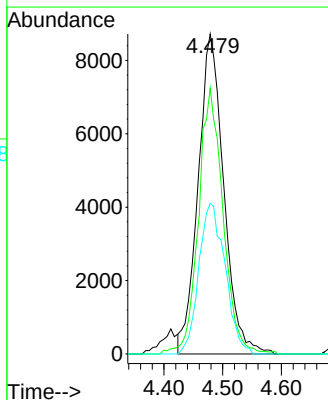
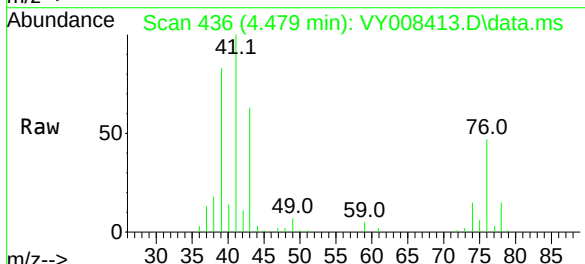
Tgt Ion: 41 Resp: 26357

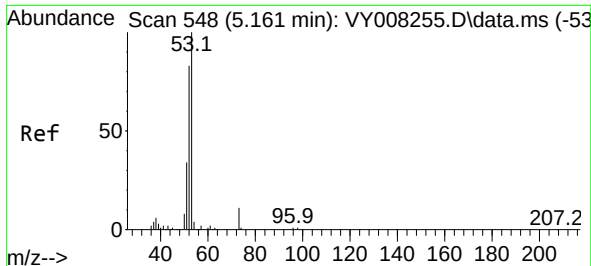
Ion Ratio Lower Upper

41 100

39 79.8 58.8 88.2

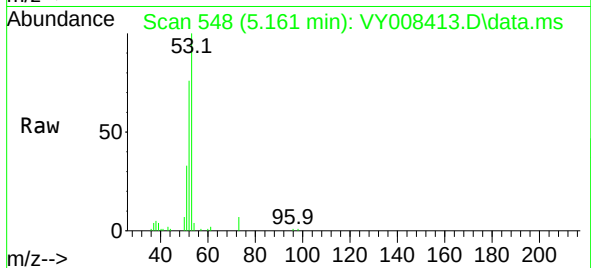
76 48.3 25.1 37.7#



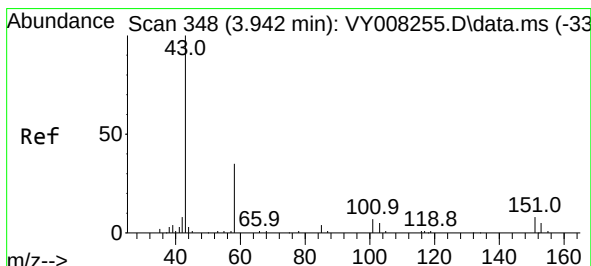
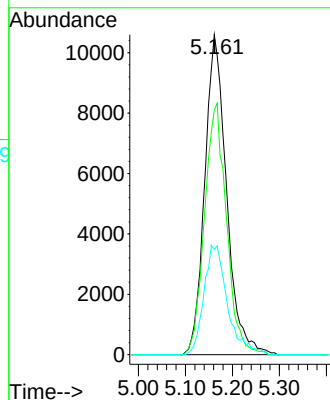
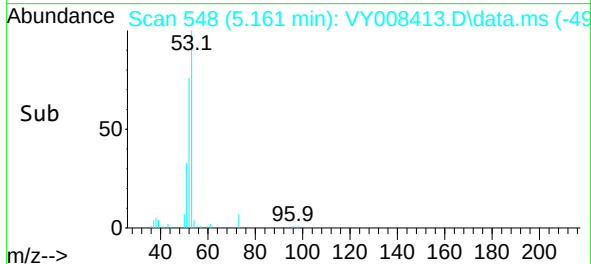


#15
Acrylonitrile
Concen: 98.747 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

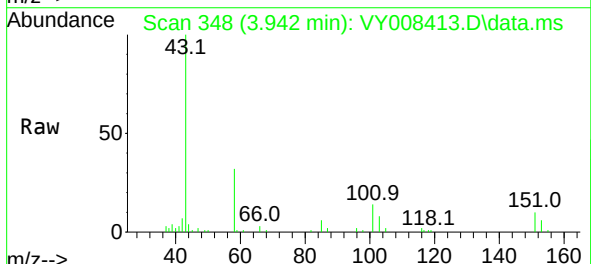
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01



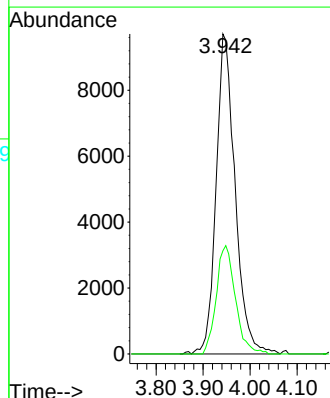
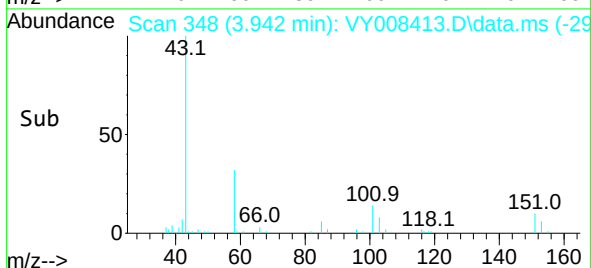
Tgt Ion:	53	Resp:	34144
Ion	Ratio	Lower	Upper
53	100		
52	79.2	67.0	100.4
51	36.9	29.8	44.6

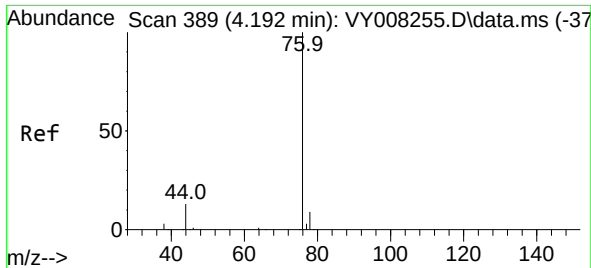


#16
Acetone
Concen: 104.577 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02



Tgt Ion:	43	Resp:	27265
Ion	Ratio	Lower	Upper
43	100		
58	32.3	22.0	33.0

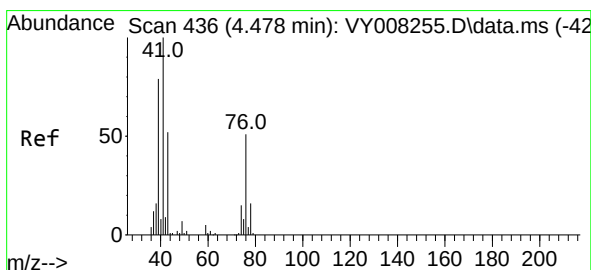
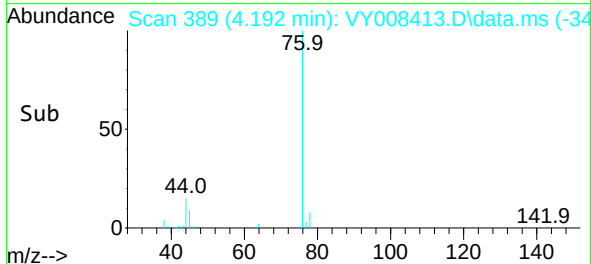
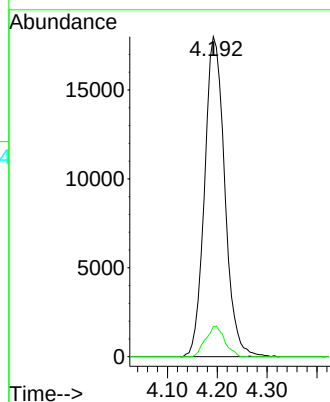
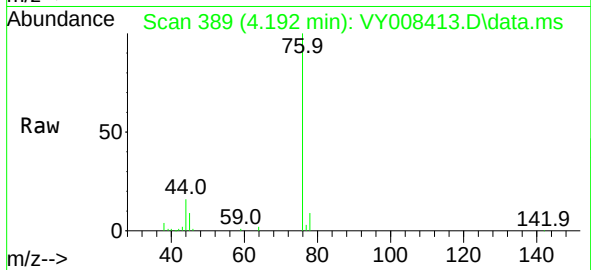




#17
Carbon Disulfide
Concen: 16.835 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

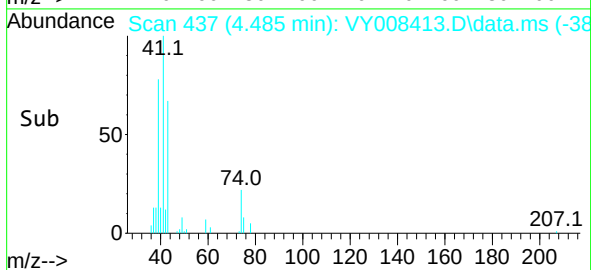
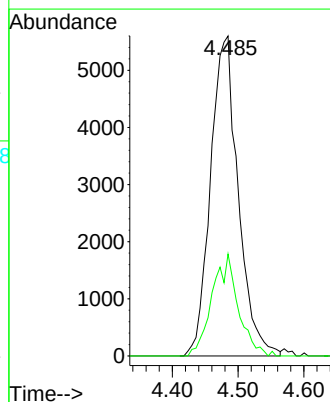
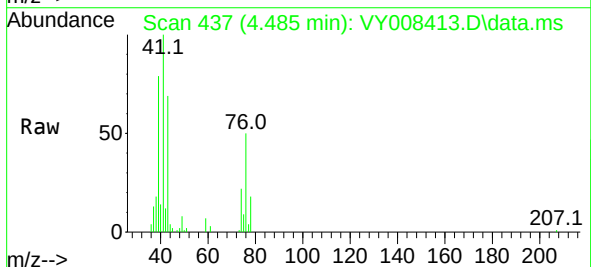
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

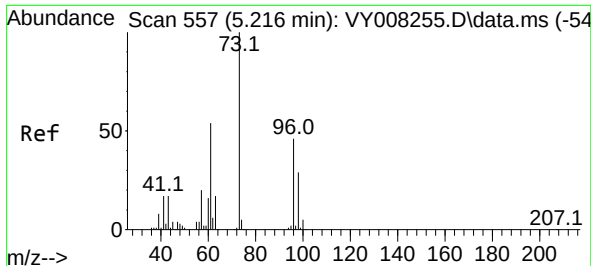
Tgt Ion: 76 Resp: 50551
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 22.569 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 43 Resp: 16409
Ion Ratio Lower Upper
43 100
74 30.1 16.6 24.8#

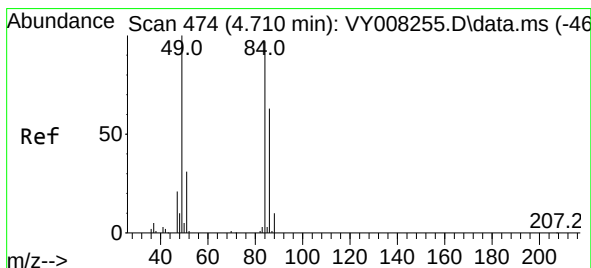
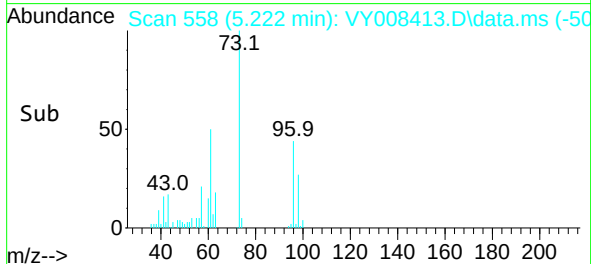
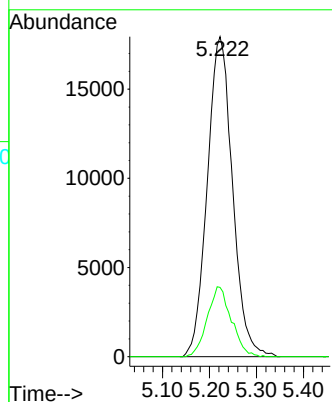
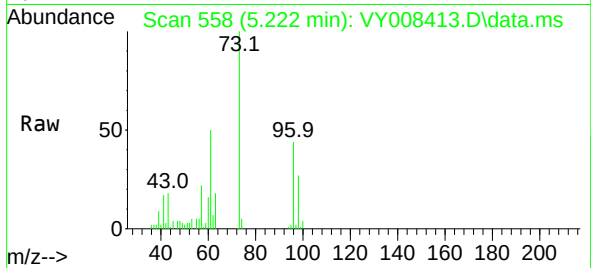




#19
Methyl tert-butyl Ether
Concen: 19.038 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

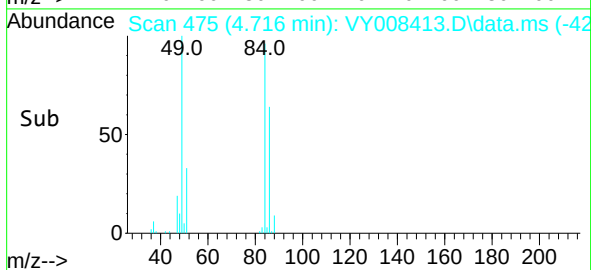
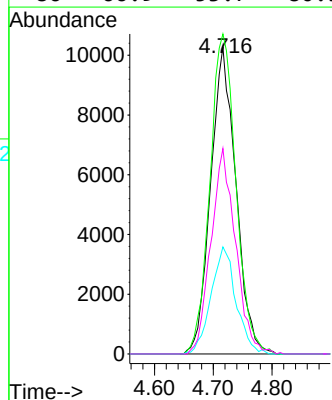
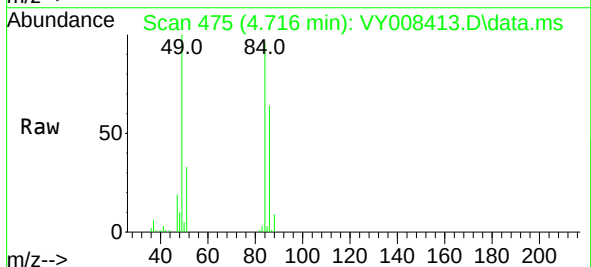
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

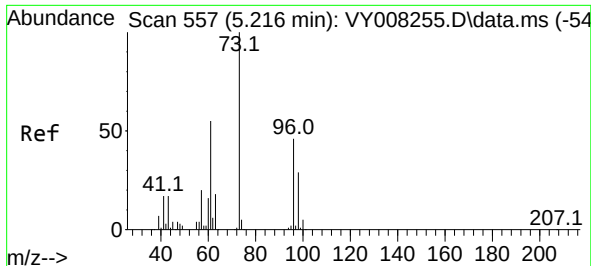
Tgt Ion: 73 Resp: 66872
Ion Ratio Lower Upper
73 100
57 21.7 18.6 27.8



#20
Methylene Chloride
Concen: 17.208 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 84 Resp: 30711
Ion Ratio Lower Upper
84 100
49 104.2 114.4 171.6#
51 34.9 35.3 52.9#
86 66.9 53.7 80.5

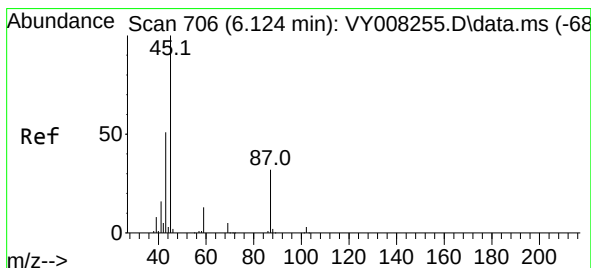
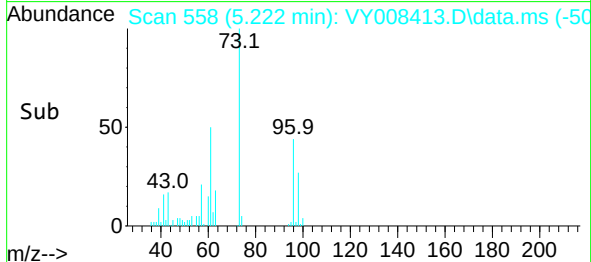
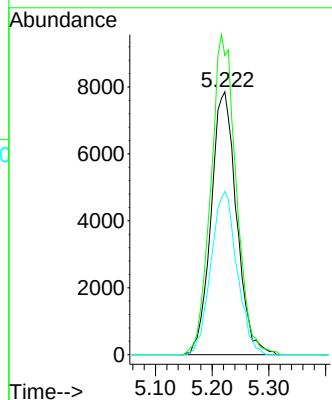
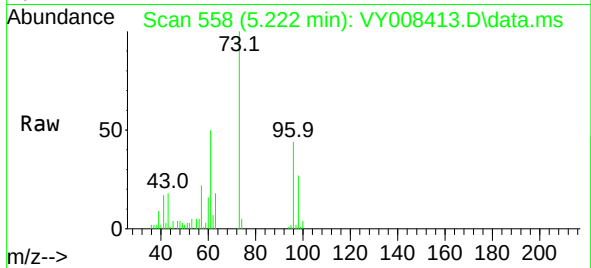




#21
trans-1,2-Dichloroethene
Concen: 17.994 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

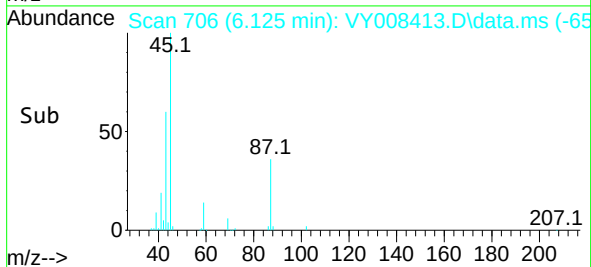
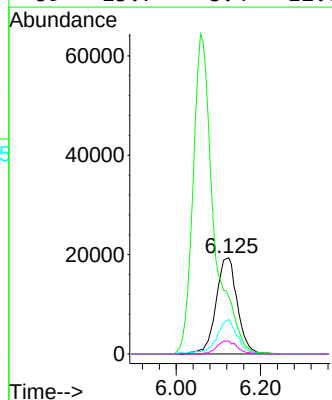
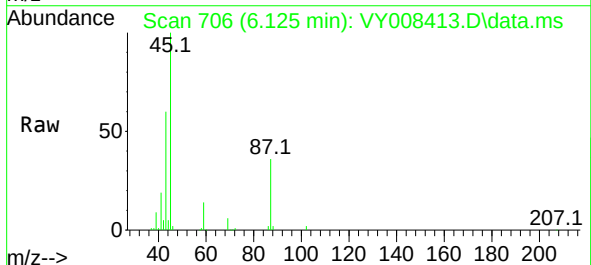
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

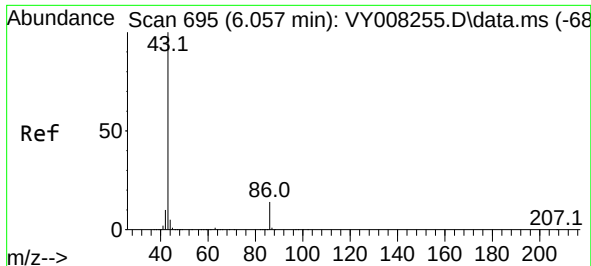
Tgt Ion: 96 Resp: 24538
Ion Ratio Lower Upper
96 100
61 113.8 120.5 180.7#
98 62.1 49.8 74.8



#22
Diisopropyl ether
Concen: 19.299 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 45 Resp: 67634
Ion Ratio Lower Upper
45 100
43 59.6 49.3 73.9
87 36.0 19.2 28.8#
59 13.7 8.4 12.6#

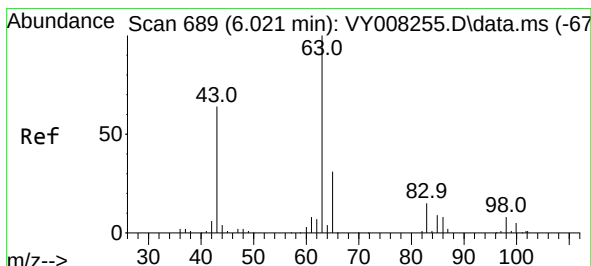
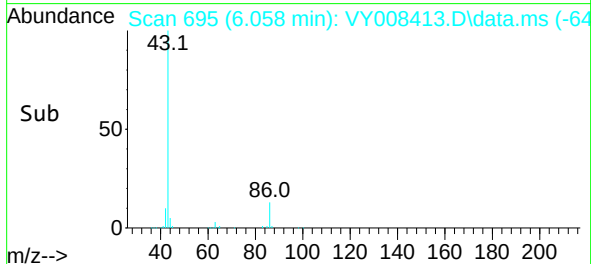
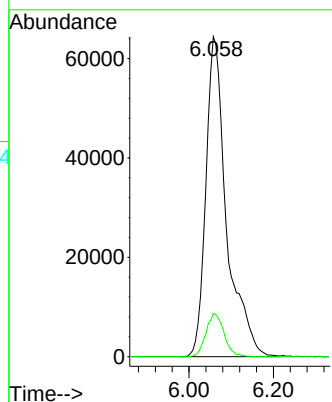
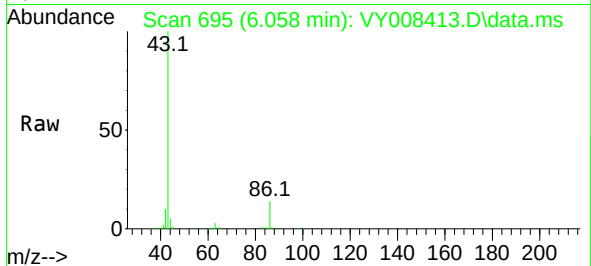




#23
 Vinyl Acetate
 Concen: 96.925 ug/l
 RT: 6.058 min Scan# 61
 Delta R.T. 0.001 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

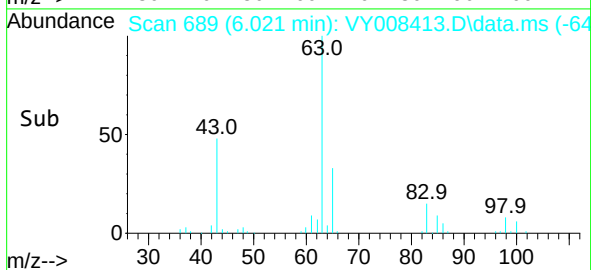
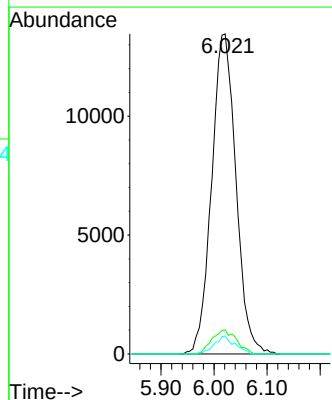
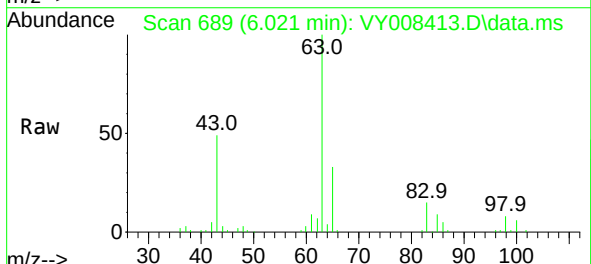
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

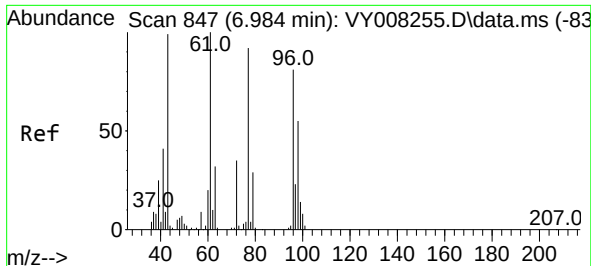
Tgt Ion: 43 Resp: 220100
 Ion Ratio Lower Upper
 43 100
 86 13.6 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 19.055 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

Tgt Ion: 63 Resp: 42866
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.8
 100 5.6 2.0 5.8





#25

2-Butanone

Concen: 103.173 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

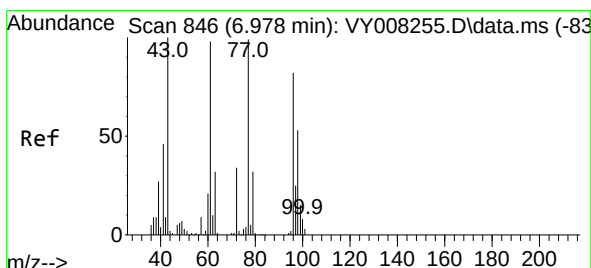
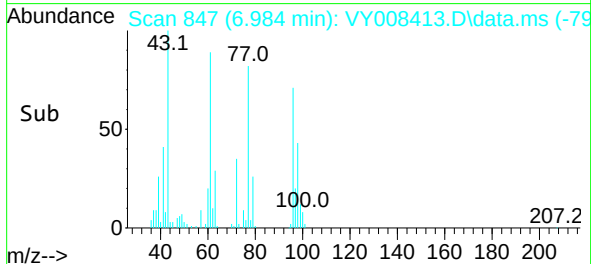
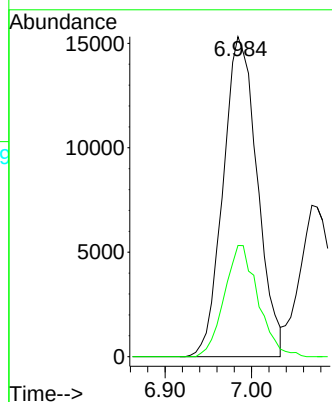
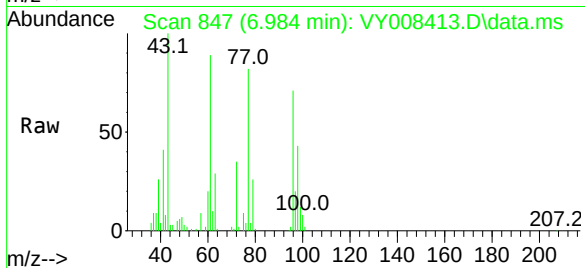
VY0420SBS01

Tgt Ion: 43 Resp: 42061

Ion Ratio Lower Upper

43 100

72 34.8 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 19.299 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY008413.D

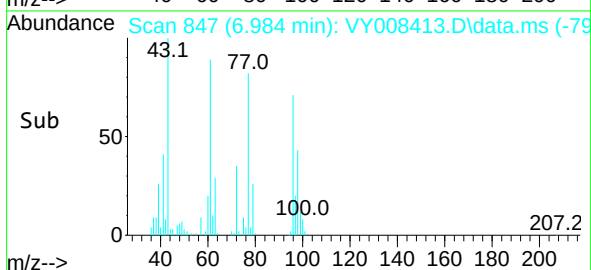
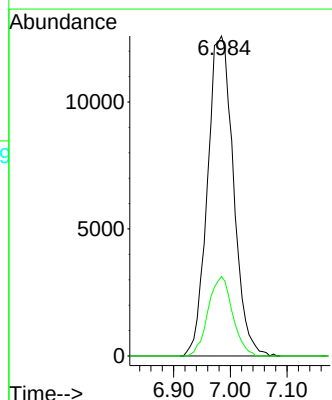
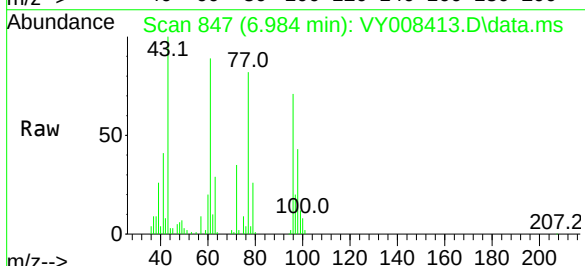
Acq: 20 Apr 2022 13:02

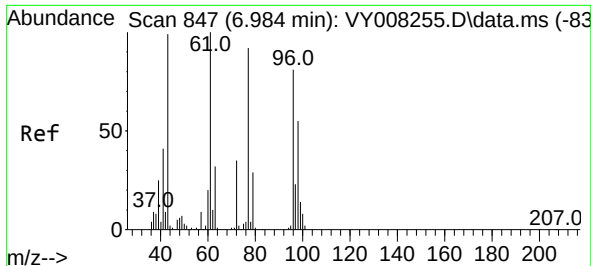
Tgt Ion: 77 Resp: 39982

Ion Ratio Lower Upper

77 100

97 23.4 10.4 31.4

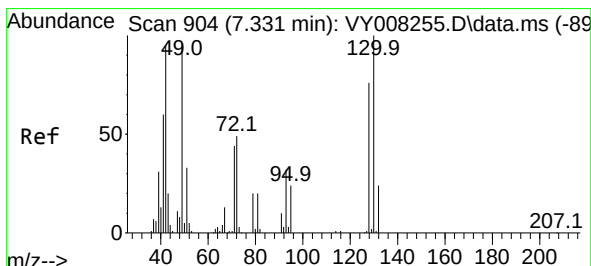
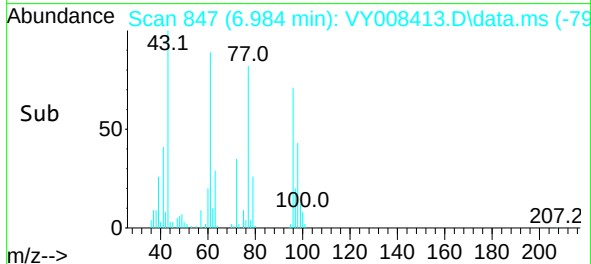
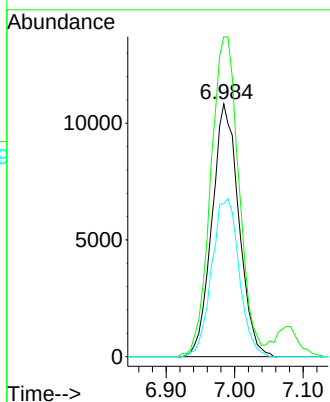
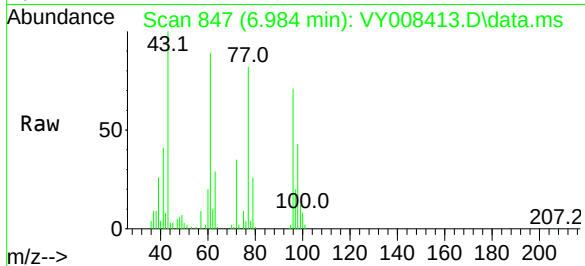




#27
 cis-1,2-Dichloroethene
 Concen: 18.222 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

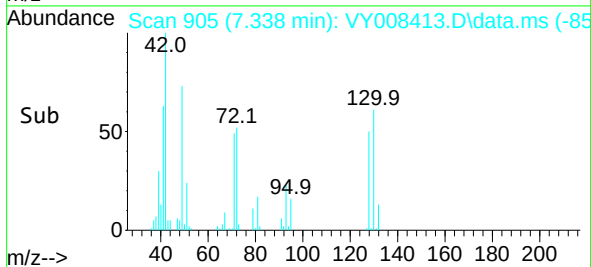
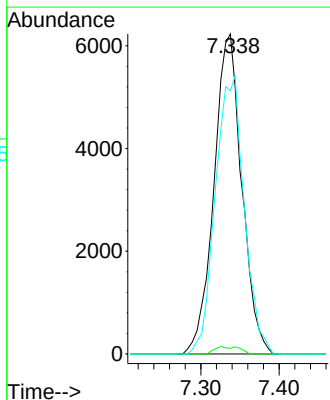
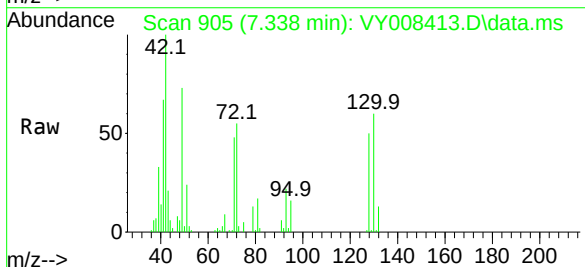
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

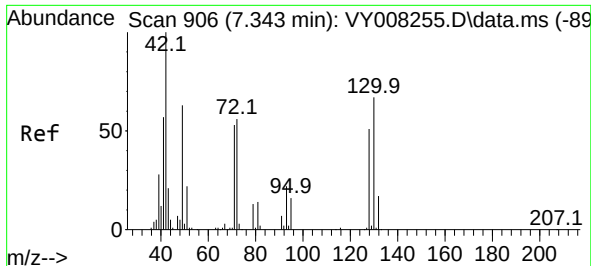
Tgt Ion: 96 Resp: 29484
 Ion Ratio Lower Upper
 96 100
 61 133.1 0.0 319.8
 98 63.8 0.0 127.0



#28
 Bromochloromethane
 Concen: 17.859 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

Tgt Ion: 49 Resp: 15399
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 2.2
 130 89.9 55.4 83.0#





#29

Tetrahydrofuran

Concen: 103.473 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.007 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

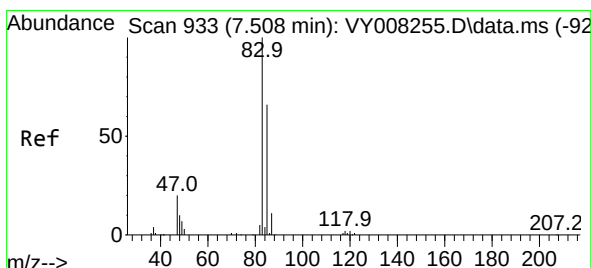
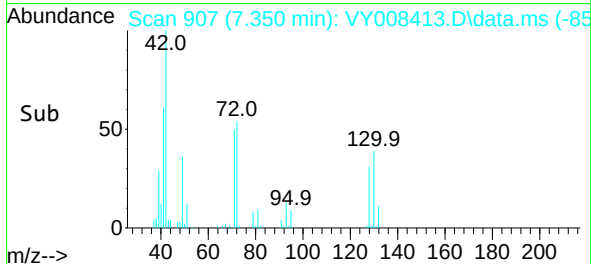
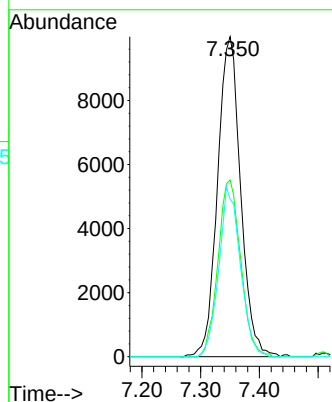
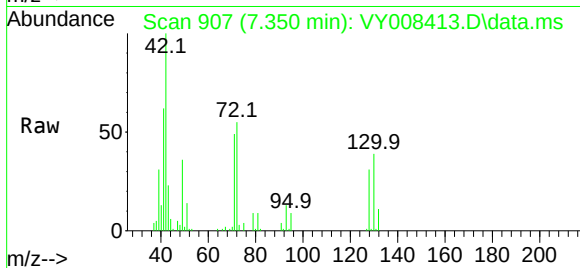
Tgt Ion: 42 Resp: 27235

Ion Ratio Lower Upper

42 100

72 54.2 30.3 45.5#

71 49.6 29.0 43.4#



#30

Chloroform

Concen: 18.618 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY008413.D

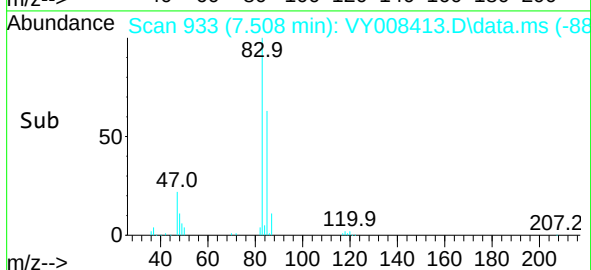
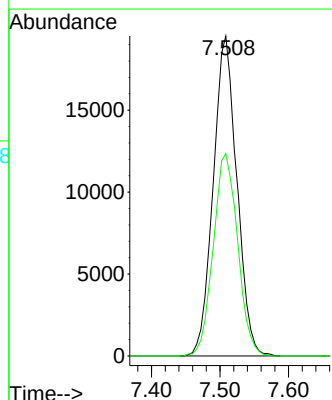
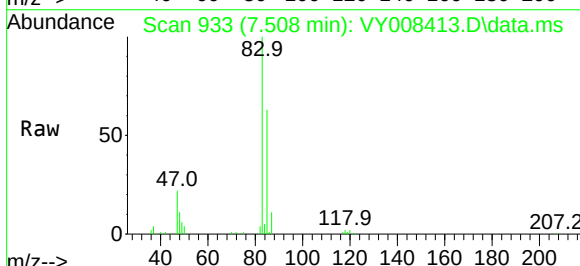
Acq: 20 Apr 2022 13:02

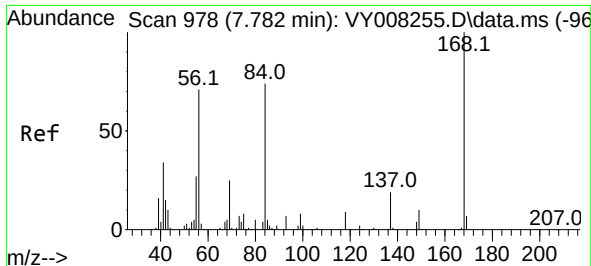
Tgt Ion: 83 Resp: 46767

Ion Ratio Lower Upper

83 100

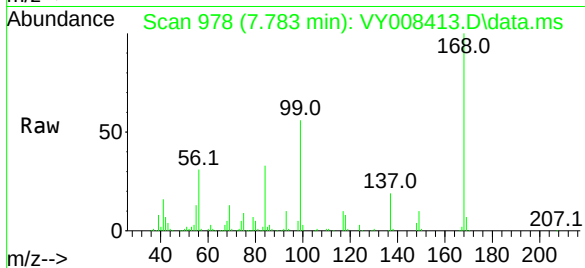
85 63.3 51.8 77.6



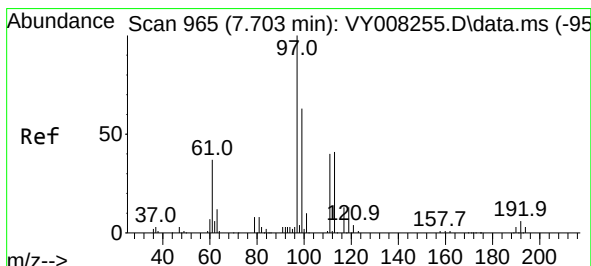
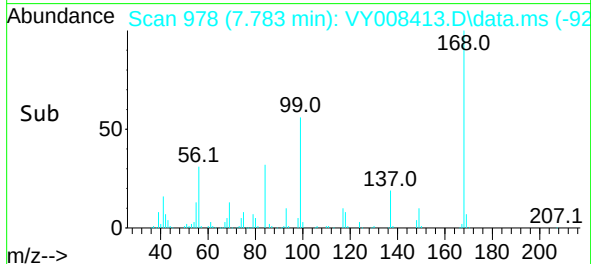
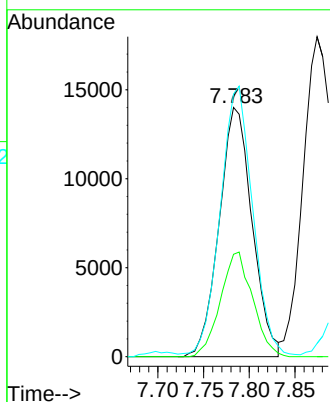


#31
Cyclohexane
Concen: 17.960 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

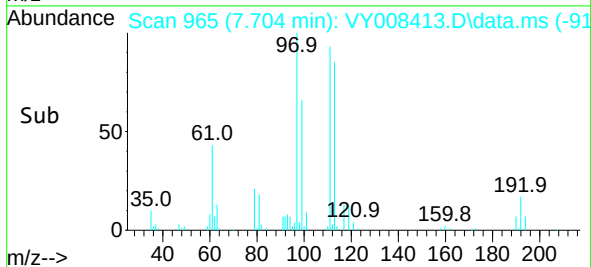
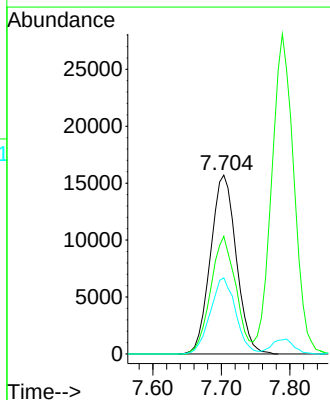
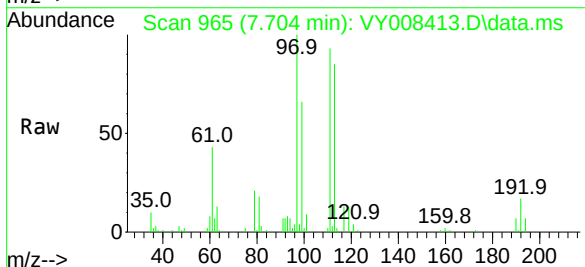


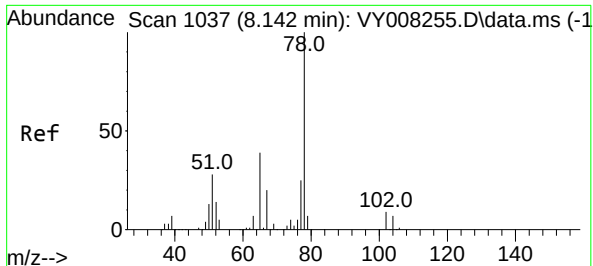
Tgt Ion: 56 Resp: 35203
Ion Ratio Lower Upper
56 100
69 41.1 26.7 40.1#
84 104.3 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 18.679 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 97 Resp: 41045
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 42.1 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 47.095 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

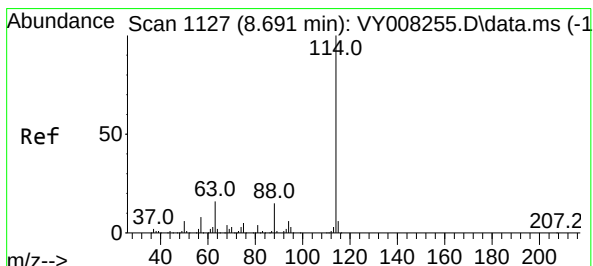
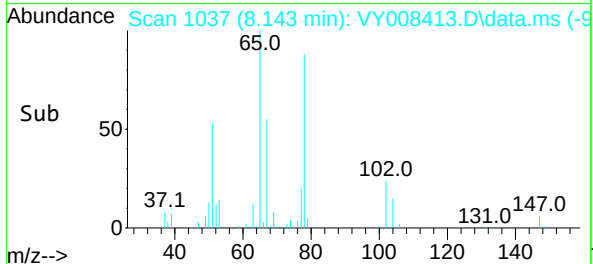
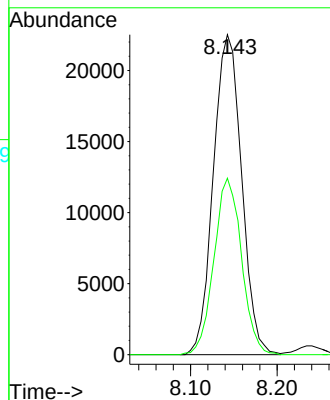
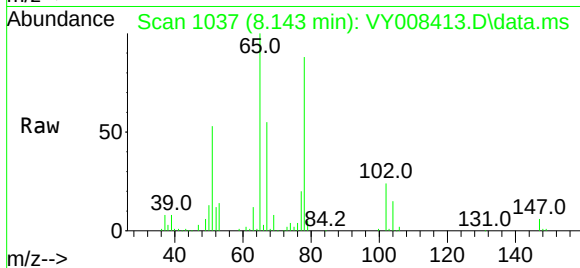
VY0420SBS01

Tgt Ion: 65 Resp: 51049

Ion Ratio Lower Upper

65 100

67 53.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

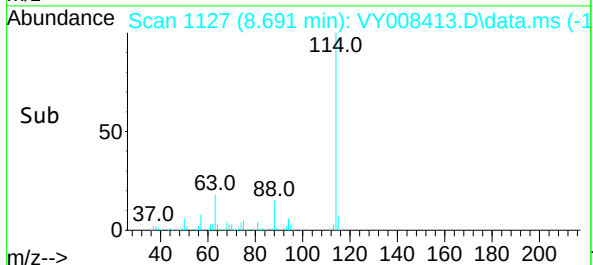
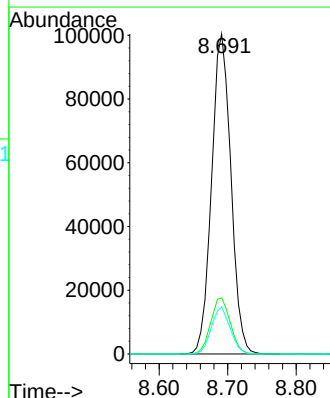
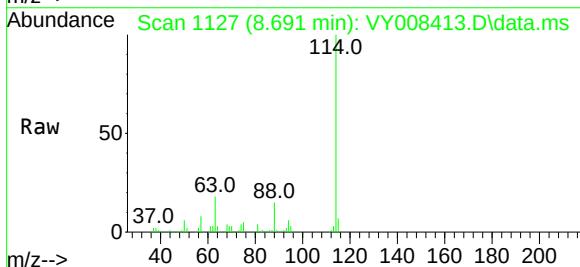
Tgt Ion: 114 Resp: 196188

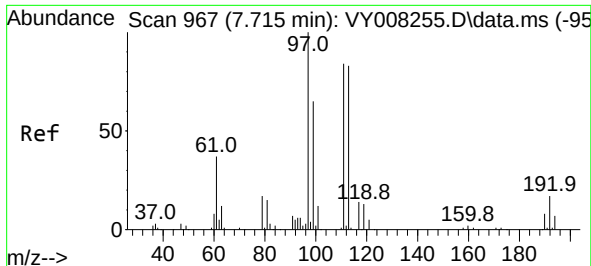
Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 14.7 0.0 31.8

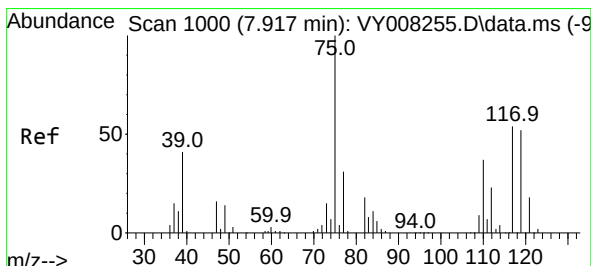
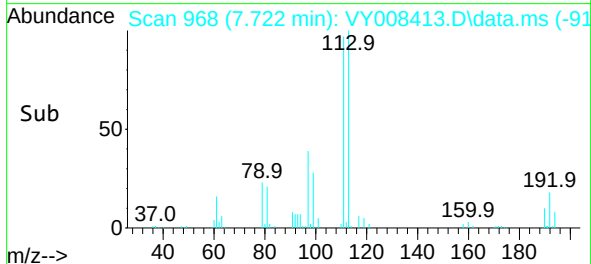
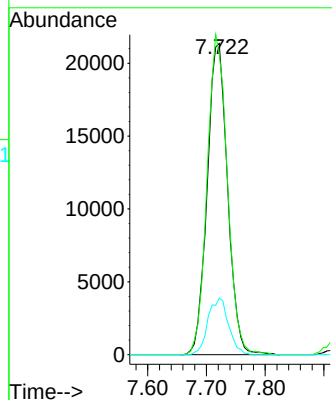
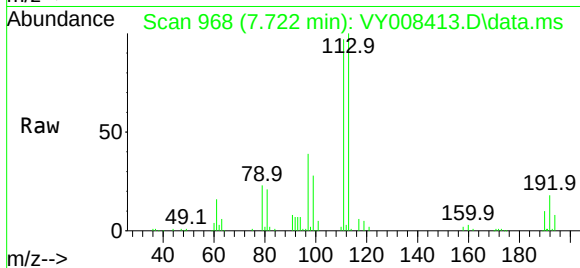




#35
Dibromofluoromethane
Concen: 45.488 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

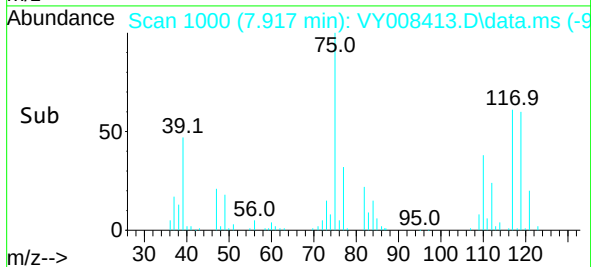
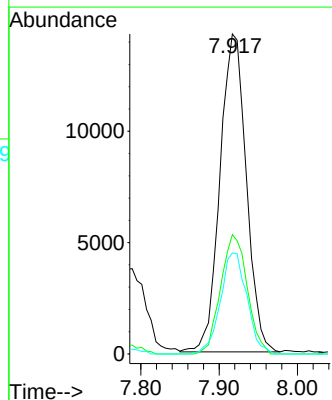
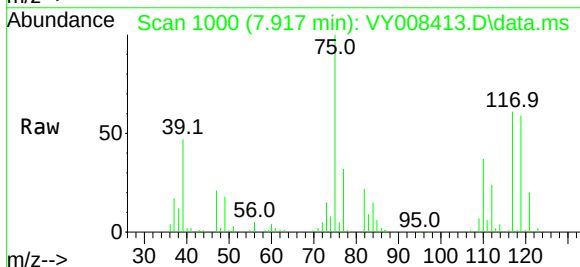
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

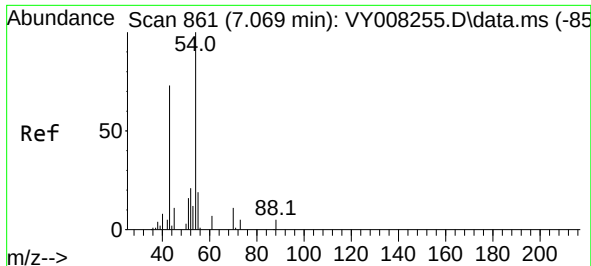
Tgt Ion:113 Resp: 51545
Ion Ratio Lower Upper
113 100
111 102.1 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 18.425 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 75 Resp: 33340
Ion Ratio Lower Upper
75 100
110 37.9 17.1 51.2
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 21.363 ug/l

RT: 7.070 min Scan# 80

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

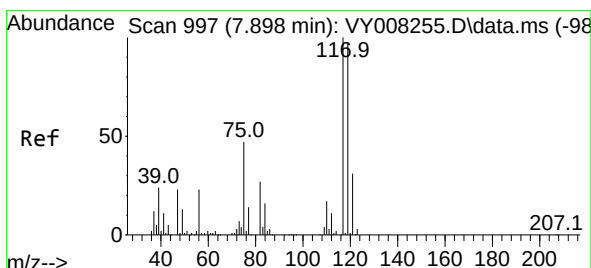
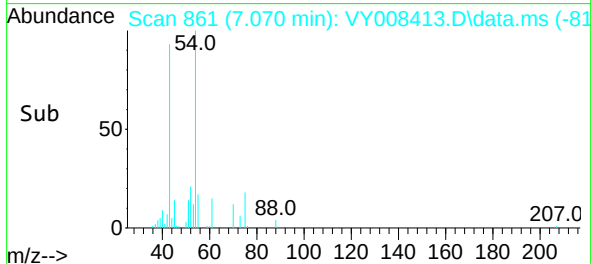
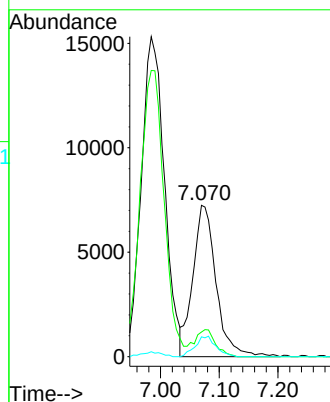
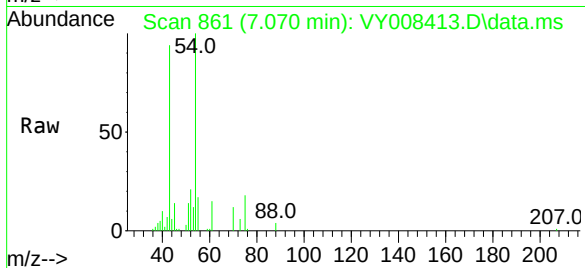
Tgt Ion: 43 Resp: 19932

Ion Ratio Lower Upper

43 100

61 15.8 9.7 14.5#

70 11.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 18.226 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.007 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

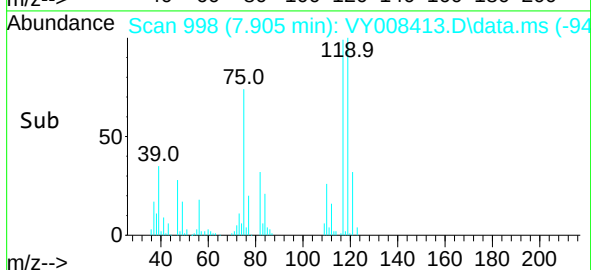
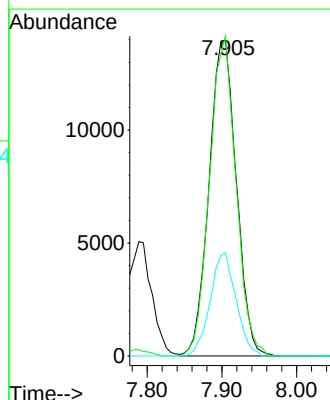
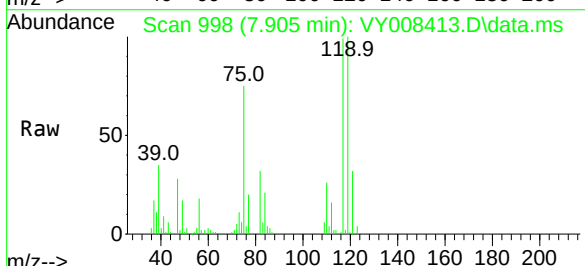
Tgt Ion: 117 Resp: 35480

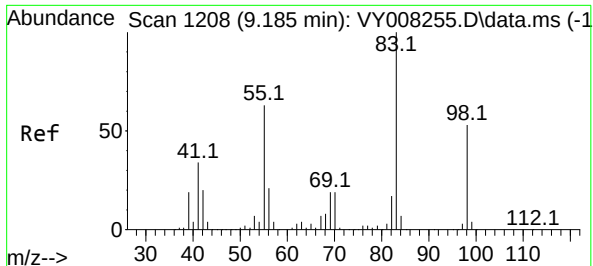
Ion Ratio Lower Upper

117 100

119 101.4 77.9 116.9

121 32.7 24.8 37.2





#39

Methylcyclohexane

Concen: 18.381 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBSD01

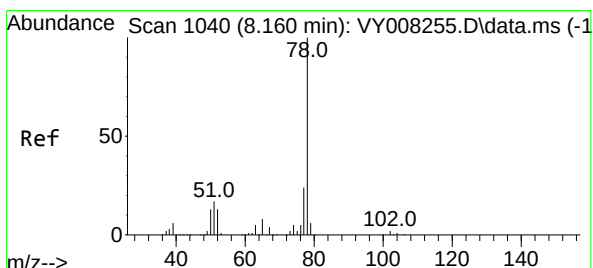
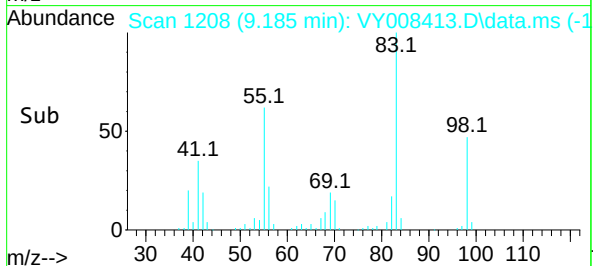
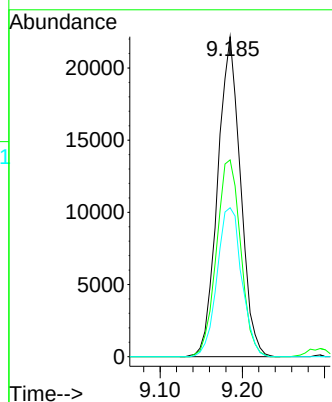
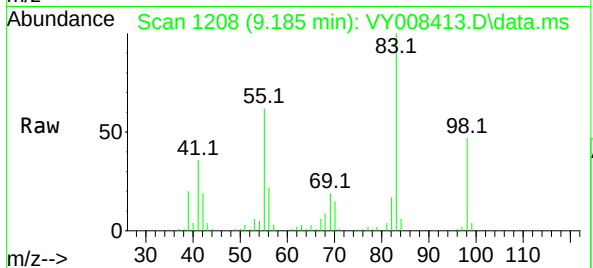
Tgt Ion: 83 Resp: 42795

Ion Ratio Lower Upper

83 100

55 61.5 66.5 99.7#

98 46.6 37.9 56.9



#40

Benzene

Concen: 18.290 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.001 min

Lab File: VY008413.D

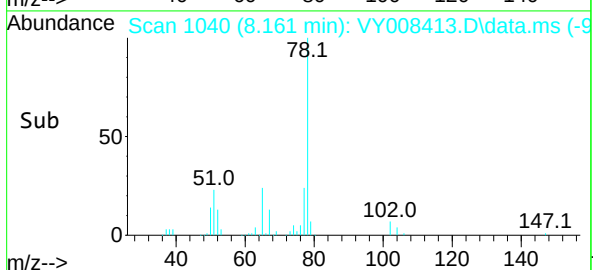
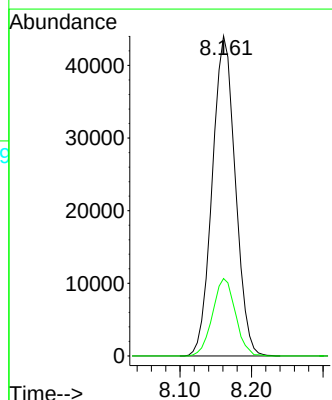
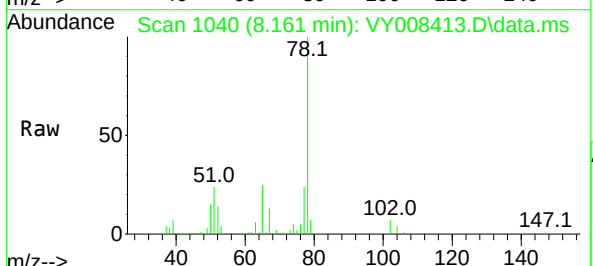
Acq: 20 Apr 2022 13:02

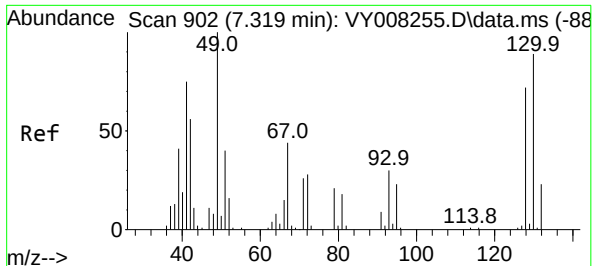
Tgt Ion: 78 Resp: 98553

Ion Ratio Lower Upper

78 100

77 24.2 20.4 30.6

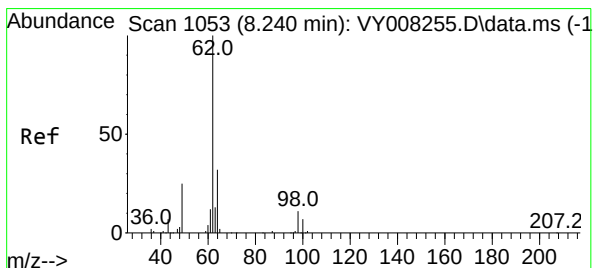
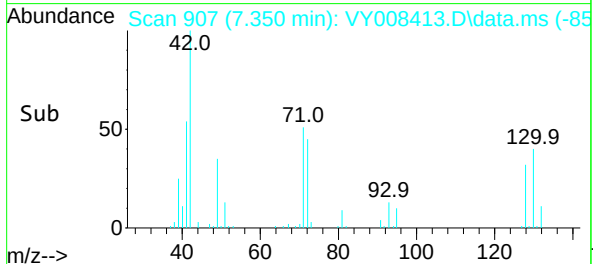
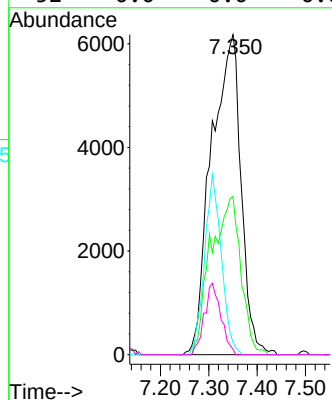
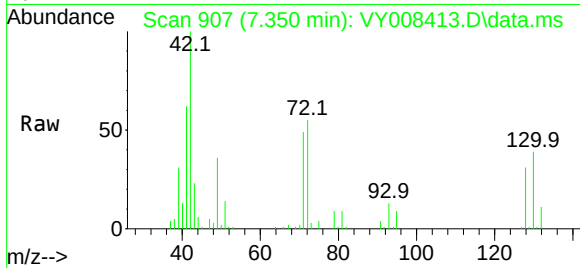




#41
Methacrylonitrile
Concen: 50.310 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.031 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

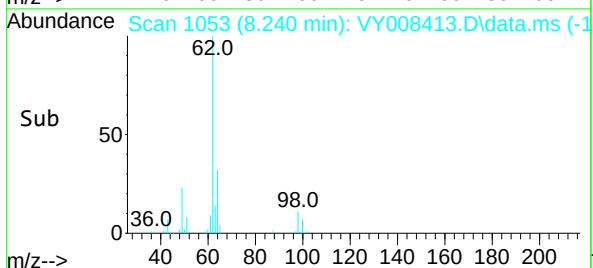
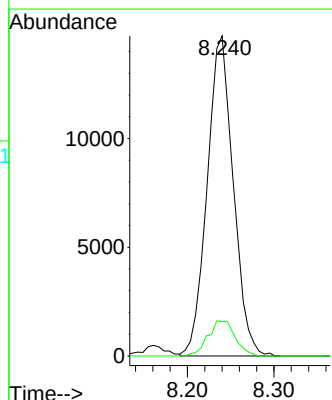
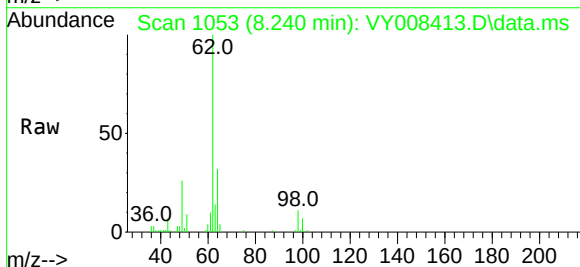
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

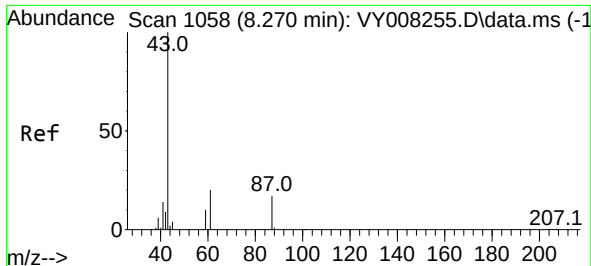
Tgt Ion: 41 Resp: 26260
Ion Ratio Lower Upper
41 100
39 49.8 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 19.701 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 62 Resp: 30798
Ion Ratio Lower Upper
62 100
98 11.4 0.0 14.8





#43

Isopropyl Acetate

Concen: 20.391 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.007 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

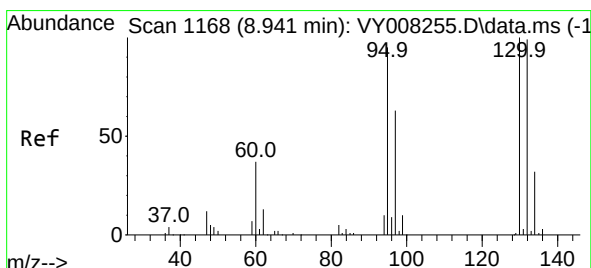
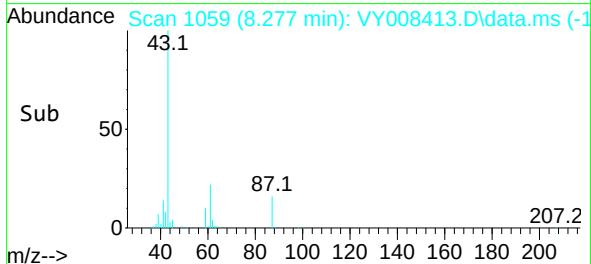
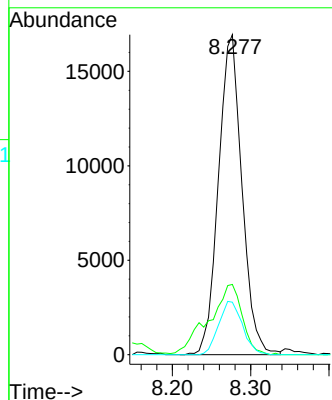
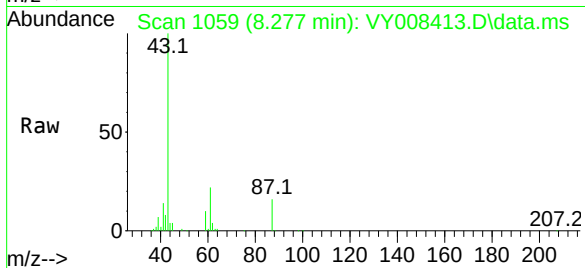
Tgt Ion: 43 Resp: 35309

Ion Ratio Lower Upper

43 100

61 31.1 20.2 30.2#

87 16.9 8.9 13.3#



#44

Trichloroethene

Concen: 18.445 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.000 min

Lab File: VY008413.D

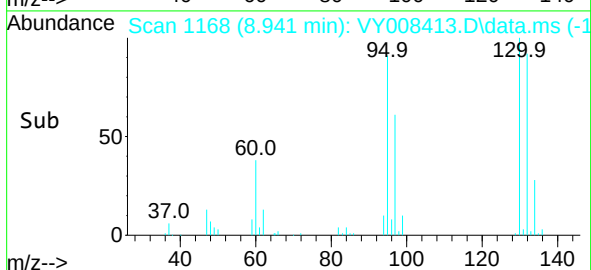
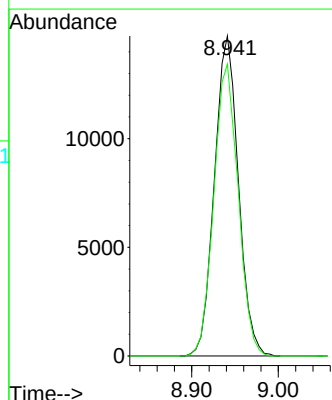
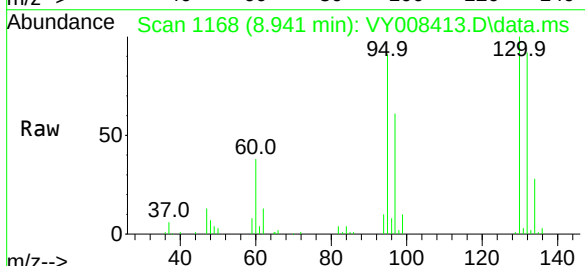
Acq: 20 Apr 2022 13:02

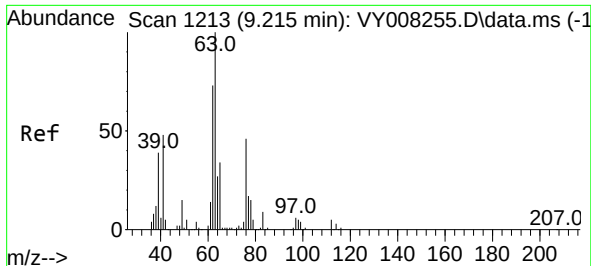
Tgt Ion:130 Resp: 28325

Ion Ratio Lower Upper

130 100

95 91.2 0.0 188.2





#45

1,2-Dichloropropane

Concen: 19.235 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

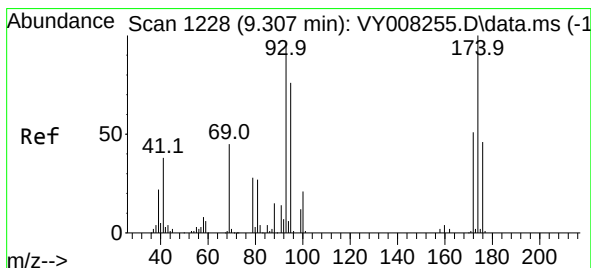
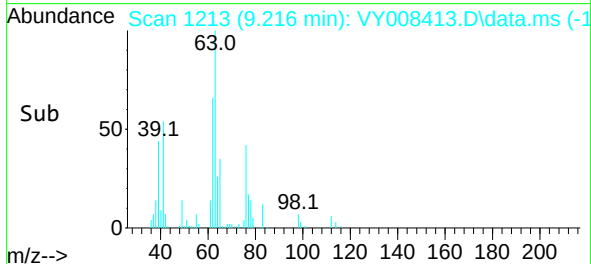
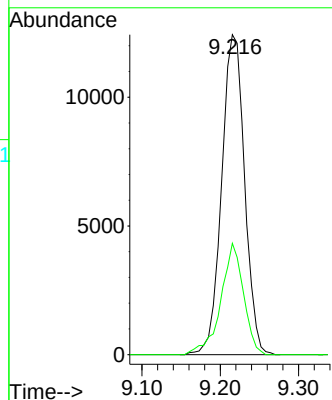
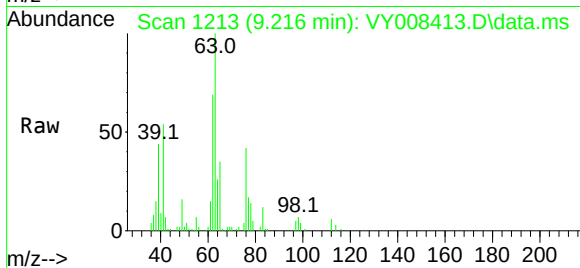
VY0420SBSD01

Tgt Ion: 63 Resp: 25319

Ion Ratio Lower Upper

63 100

65 34.8 23.0 34.6#



#46

Dibromomethane

Concen: 18.719 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

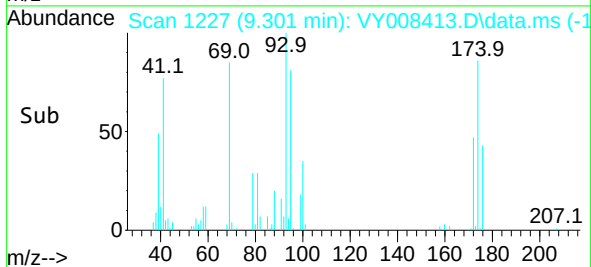
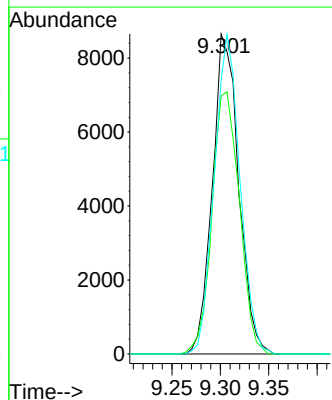
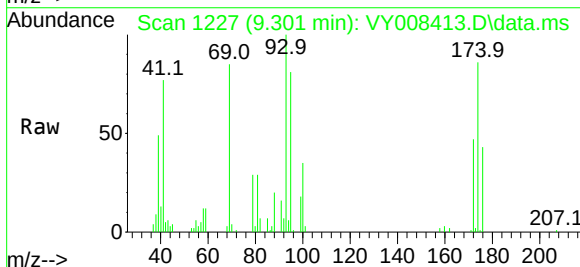
Tgt Ion: 93 Resp: 16308

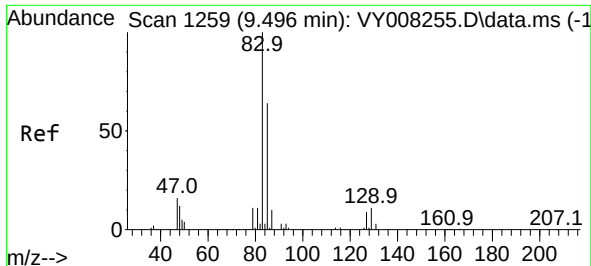
Ion Ratio Lower Upper

93 100

95 85.5 64.3 96.5

174 98.0 83.4 125.0

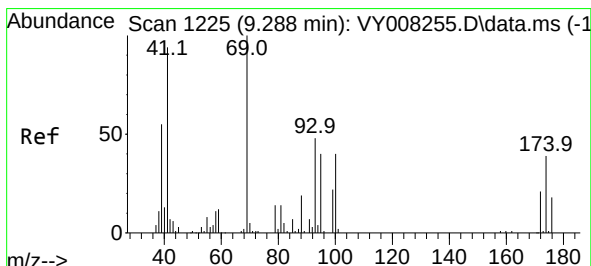
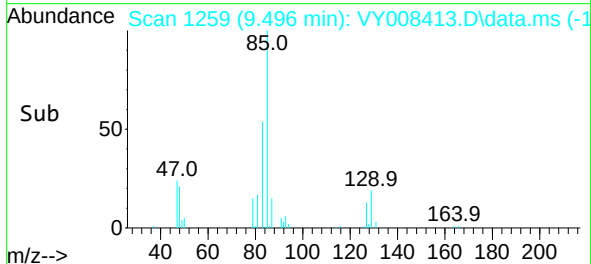
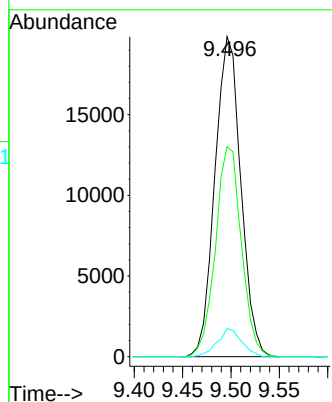
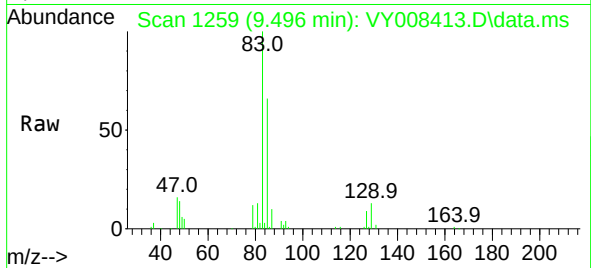




#47
Bromodichloromethane
Concen: 18.845 ug/l
RT: 9.496 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

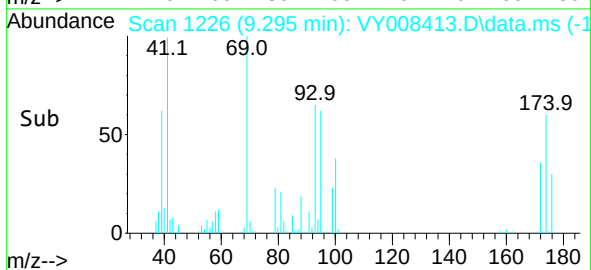
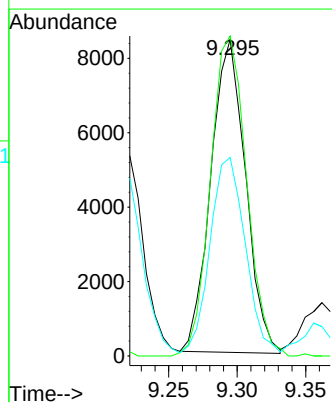
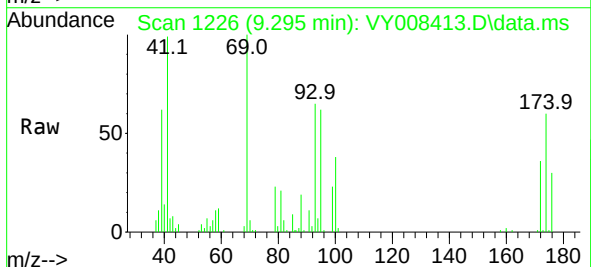
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

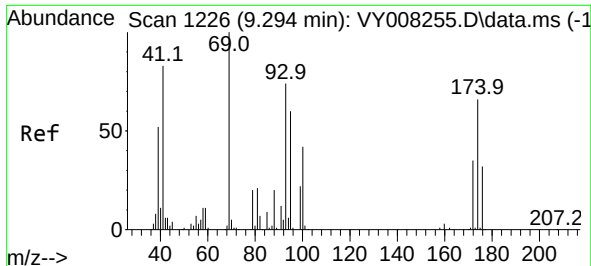
Tgt Ion: 83 Resp: 36923
Ion Ratio Lower Upper
83 100
85 65.6 51.9 77.9
127 8.8 6.6 10.0



#48
Methyl methacrylate
Concen: 20.106 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.007 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 41 Resp: 14800
Ion Ratio Lower Upper
41 100
69 106.4 58.2 87.2#
39 65.1 47.4 71.0





#49

1,4-Dioxane

Concen: 409.859 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBSD01

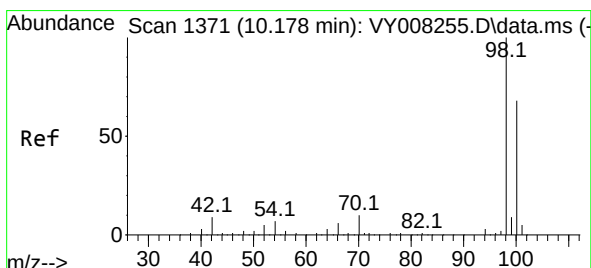
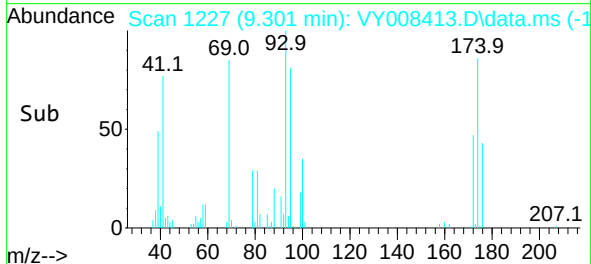
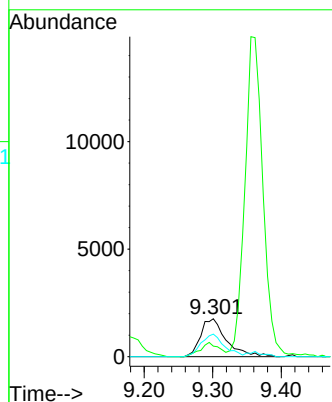
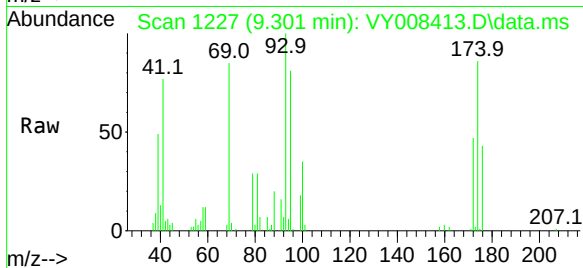
Tgt Ion: 88 Resp: 4608

Ion Ratio Lower Upper

88 100

43 27.4 32.8 49.2#

58 53.6 59.8 89.6#



#50

Toluene-d8

Concen: 43.104 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.001 min

Lab File: VY008413.D

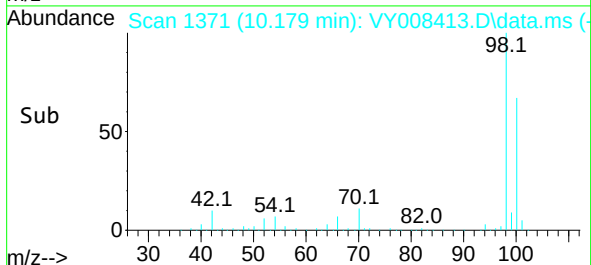
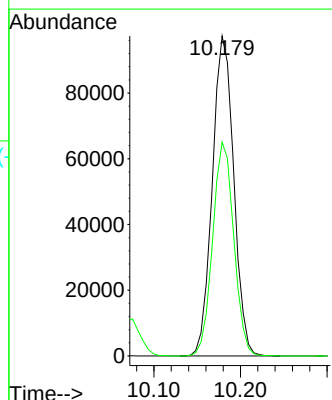
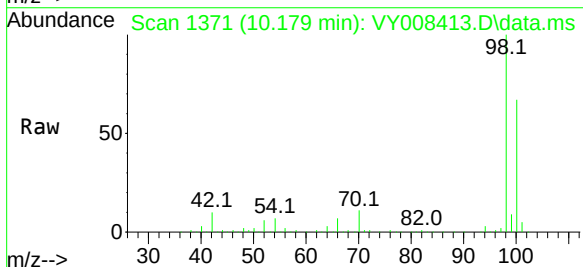
Acq: 20 Apr 2022 13:02

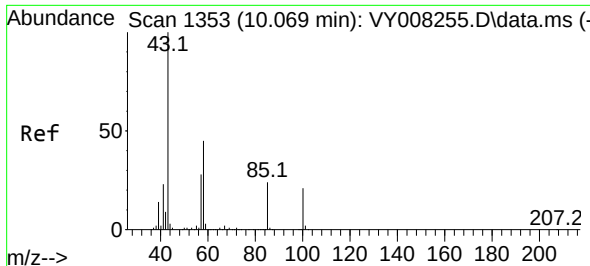
Tgt Ion: 98 Resp: 167133

Ion Ratio Lower Upper

98 100

100 65.9 50.2 75.2

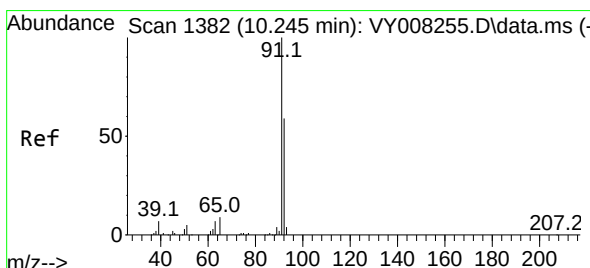
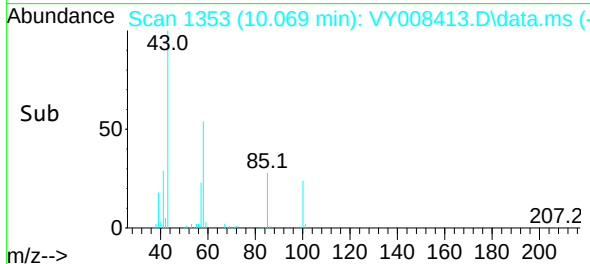
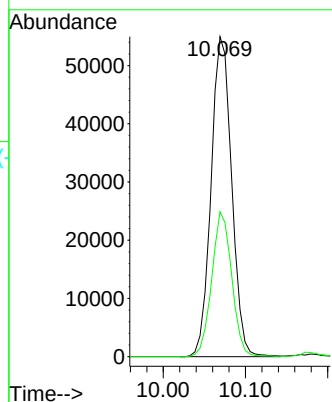
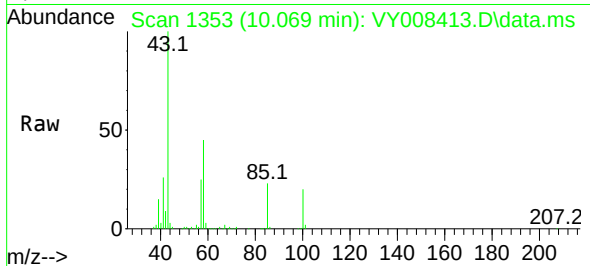




#51
4-Methyl-2-Pentanone
Concen: 106.867 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

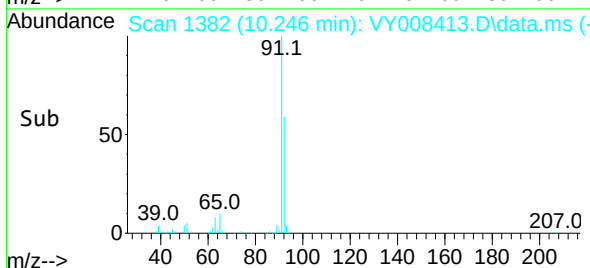
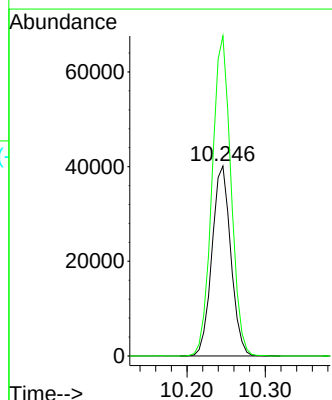
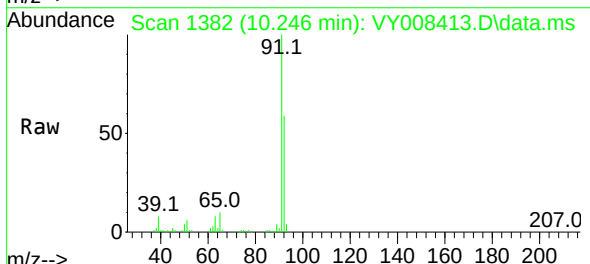
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

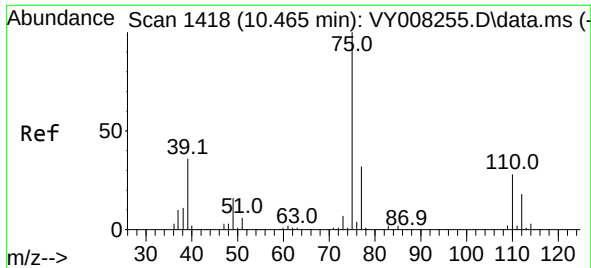
Tgt Ion: 43 Resp: 95553
Ion Ratio Lower Upper
43 100
58 44.1 28.1 42.1#



#52
Toluene
Concen: 18.861 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 92 Resp: 66960
Ion Ratio Lower Upper
92 100
91 169.3 142.6 213.8





#53

t-1,3-Dichloropropene

Concen: 18.791 ug/l

RT: 10.465 min Scan# 1418

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

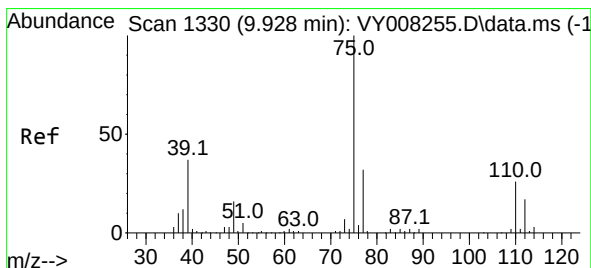
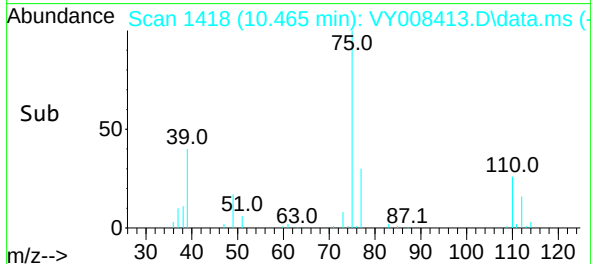
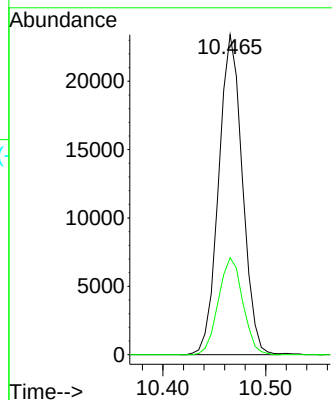
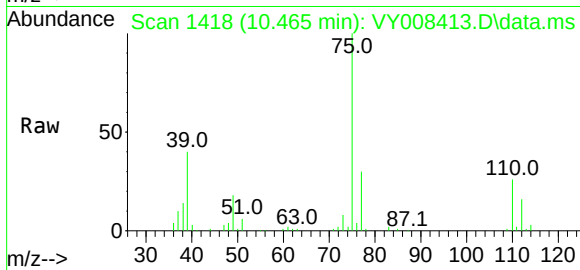
VY0420SBS01

Tgt Ion: 75 Resp: 37521

Ion Ratio Lower Upper

75 100

77 30.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.463 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

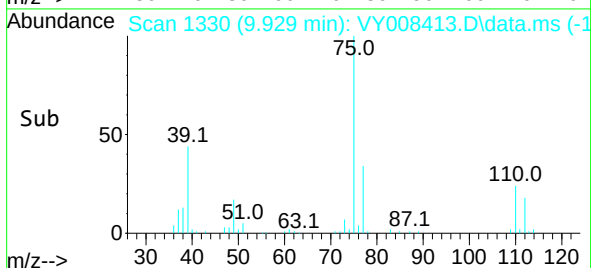
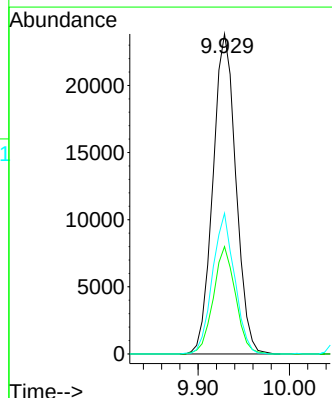
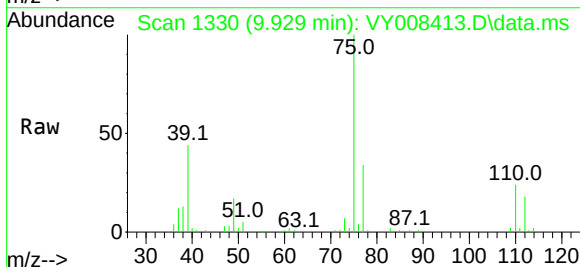
Tgt Ion: 75 Resp: 41591

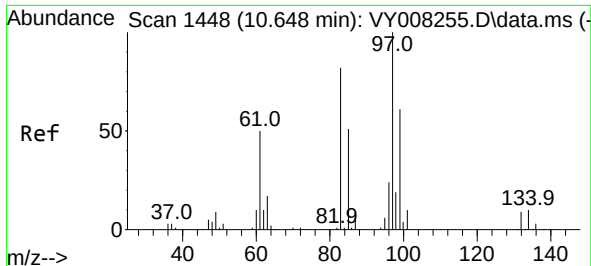
Ion Ratio Lower Upper

75 100

77 33.6 25.6 38.4

39 43.9 47.6 71.4#

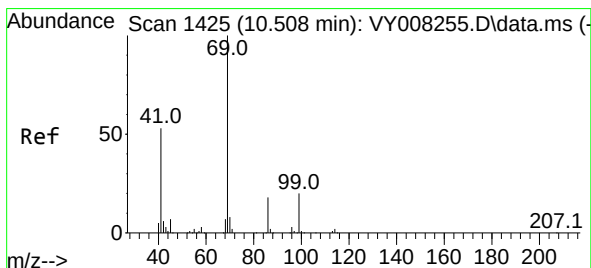
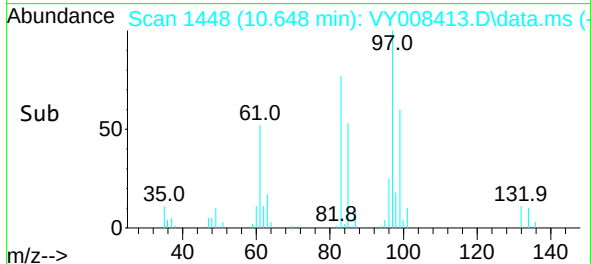
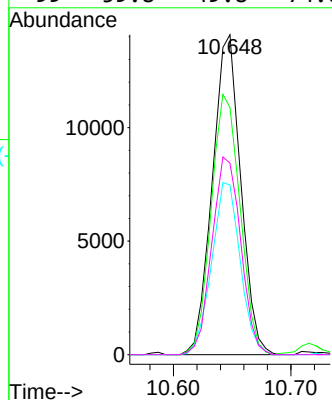
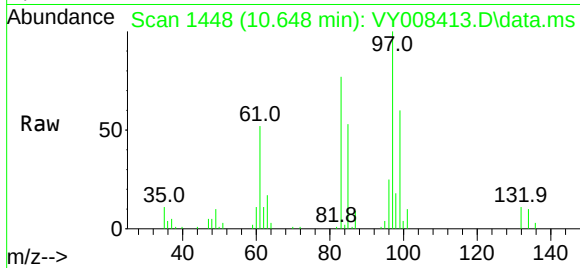




#55
1,1,2-Trichloroethane
Concen: 19.042 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

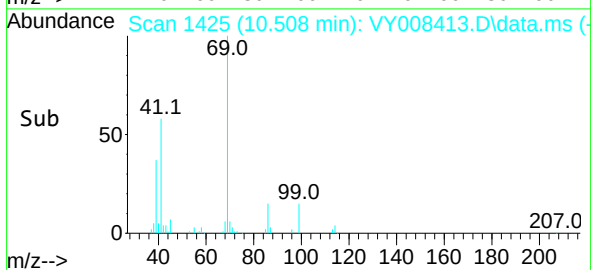
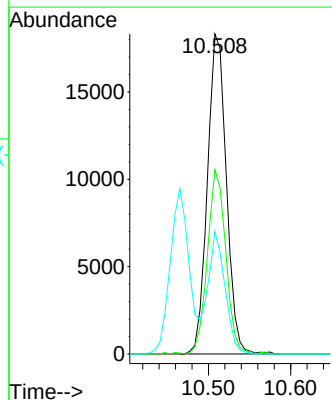
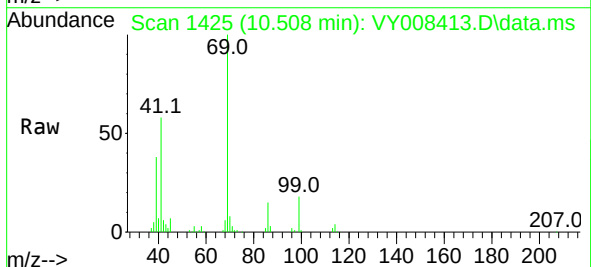
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

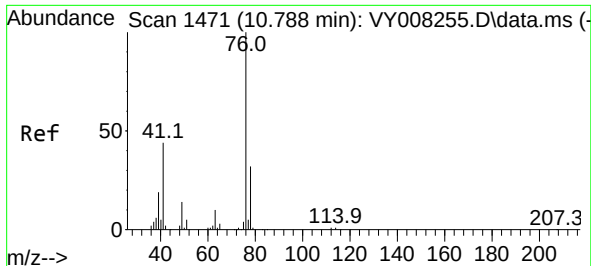
Tgt Ion:	97	Resp:	23665
Ion	Ratio	Lower	Upper
97	100		
83	77.3	69.8	104.8
85	53.0	44.3	66.5
99	59.8	49.8	74.6



#56
Ethyl methacrylate
Concen: 19.281 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion:	69	Resp:	29377
Ion	Ratio	Lower	Upper
69	100		
41	55.8	63.4	95.0#
39	34.0	35.8	53.8#





#57

1,3-Dichloropropane

Concen: 19.170 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

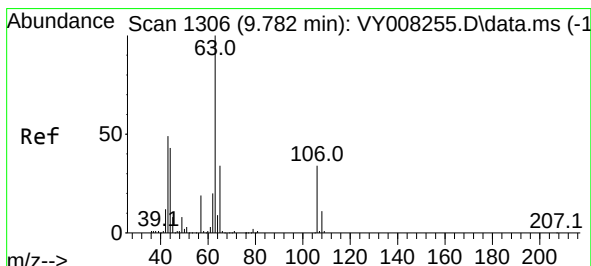
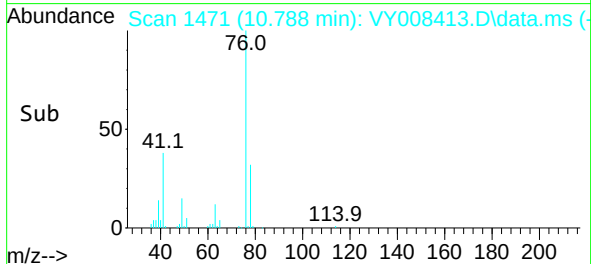
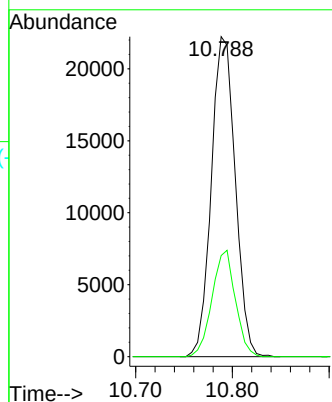
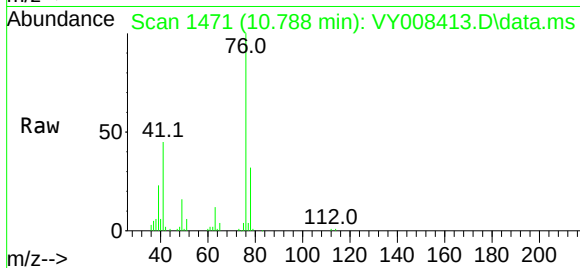
VY0420SBS01

Tgt Ion: 76 Resp: 38258

Ion Ratio Lower Upper

76 100

78 32.4 25.0 37.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.572 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY008413.D

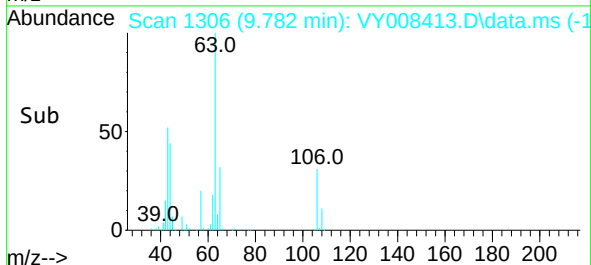
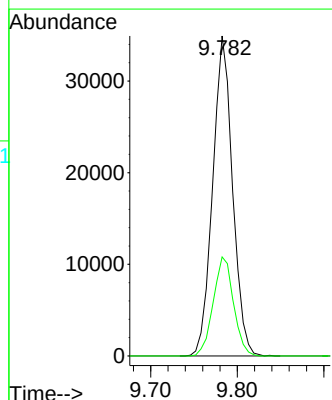
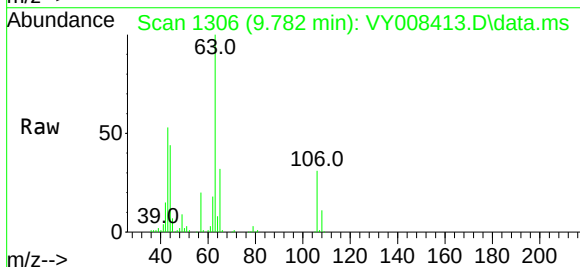
Acq: 20 Apr 2022 13:02

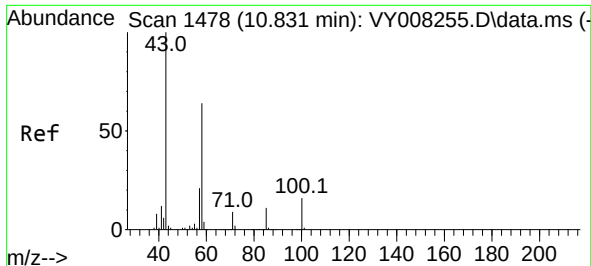
Tgt Ion: 63 Resp: 55559

Ion Ratio Lower Upper

63 100

106 31.6 21.5 32.3

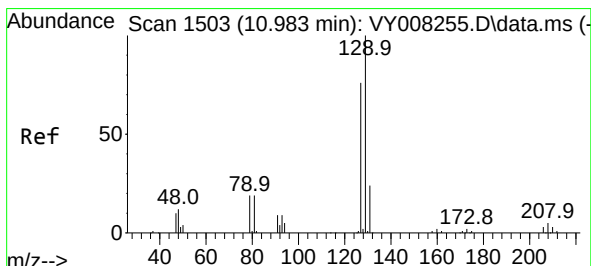
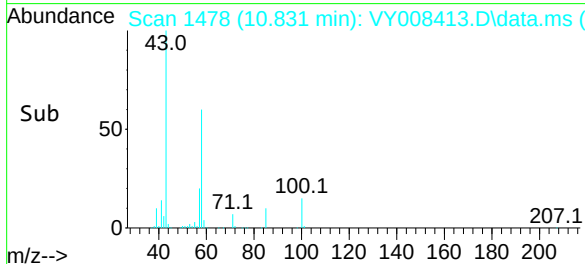
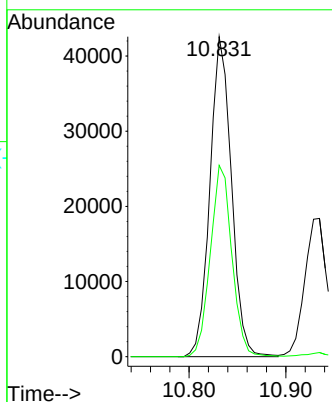
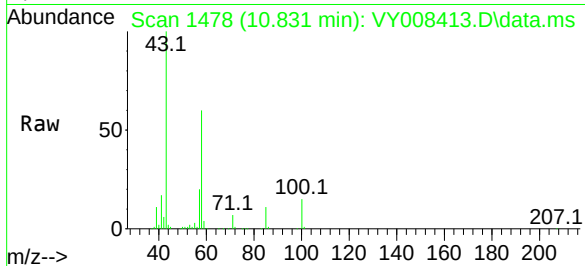




#59
2-Hexanone
Concen: 106.801 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

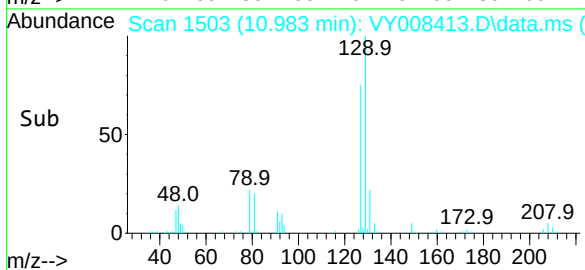
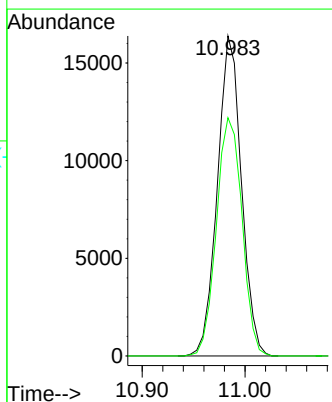
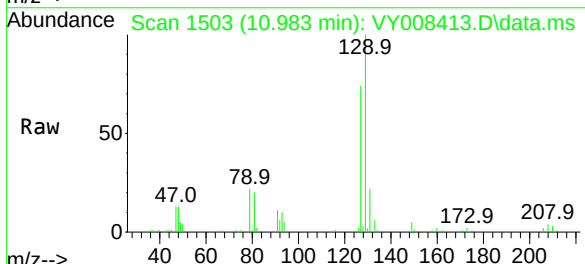
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

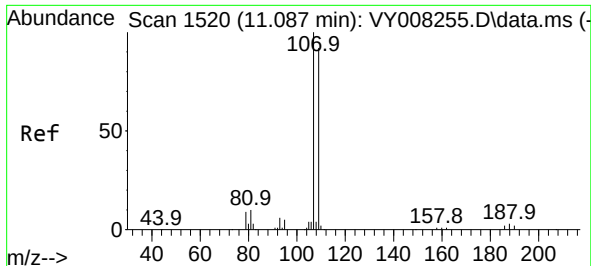
Tgt Ion: 43 Resp: 65709
Ion Ratio Lower Upper
43 100
58 60.0 24.4 73.4



#60
Dibromochloromethane
Concen: 18.326 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 129 Resp: 26603
Ion Ratio Lower Upper
129 100
127 79.3 38.7 116.1

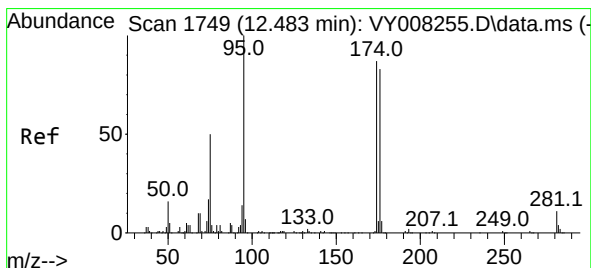
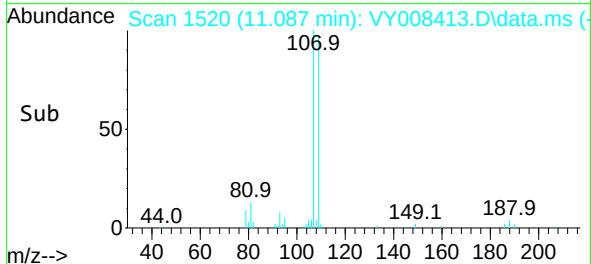
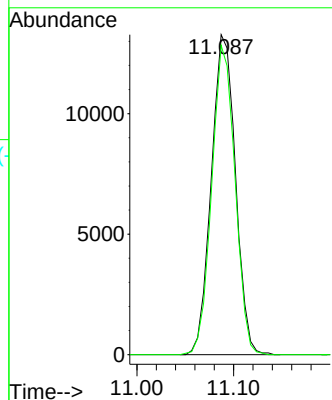
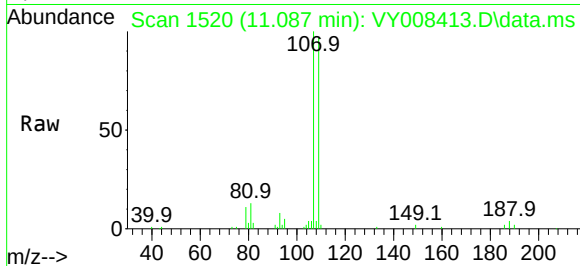




#61
1,2-Dibromoethane
Concen: 18.927 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

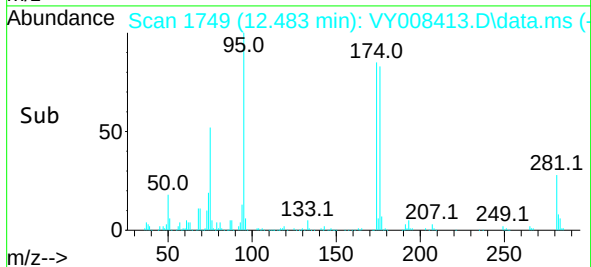
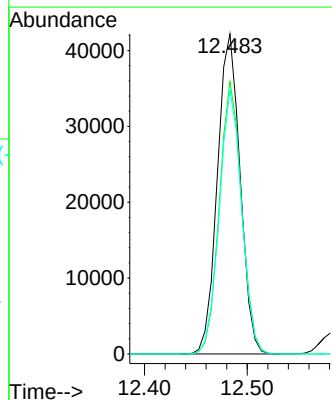
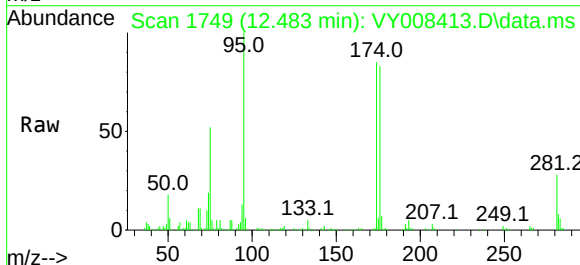
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

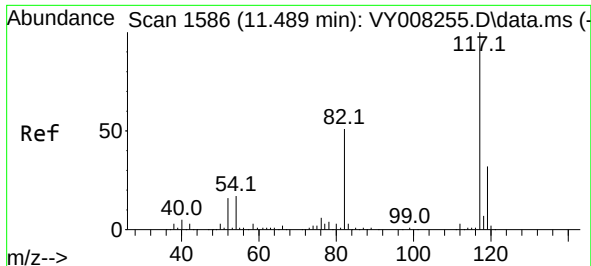
Tgt Ion:107 Resp: 22997
Ion Ratio Lower Upper
107 100
109 93.1 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 44.297 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 95 Resp: 64602
Ion Ratio Lower Upper
95 100
174 83.6 0.0 177.0
176 81.1 0.0 175.8

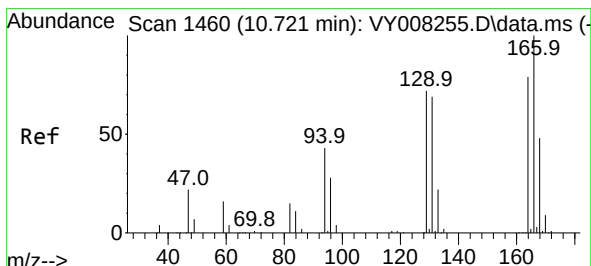
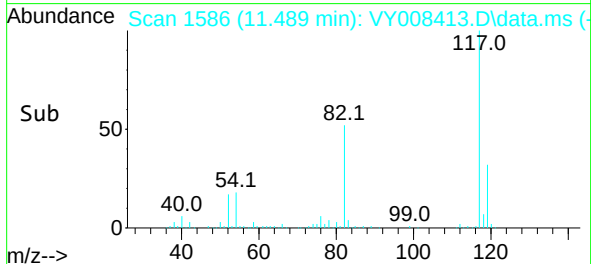
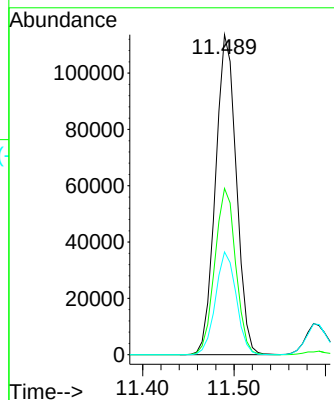
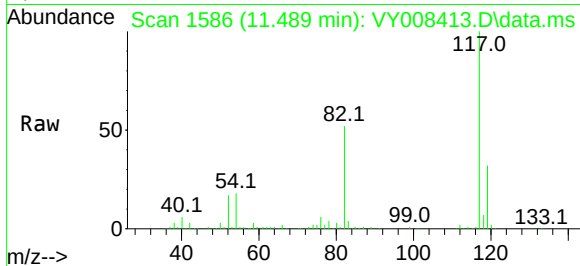




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

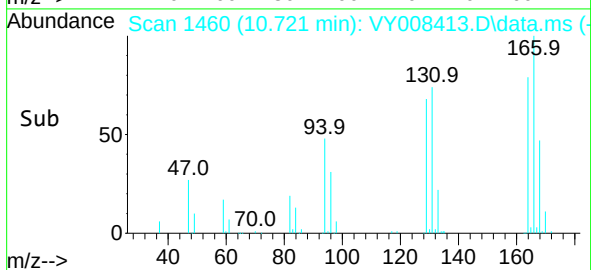
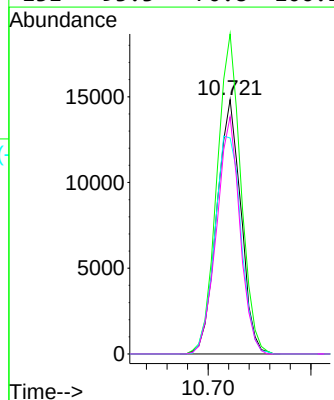
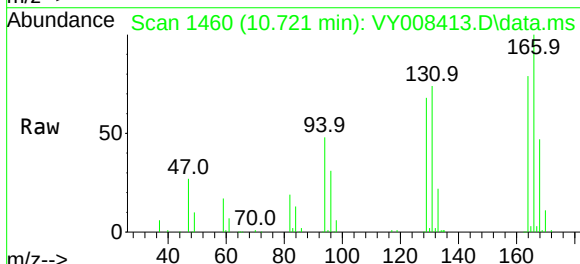
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

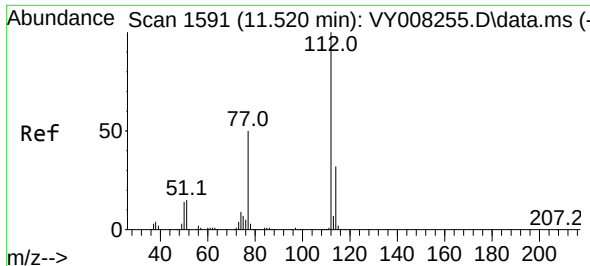
Tgt Ion:117 Resp: 179942
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 19.059 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion:164 Resp: 24171
Ion Ratio Lower Upper
164 100
166 125.8 100.4 150.6
129 84.9 71.4 107.0
131 93.3 70.8 106.2

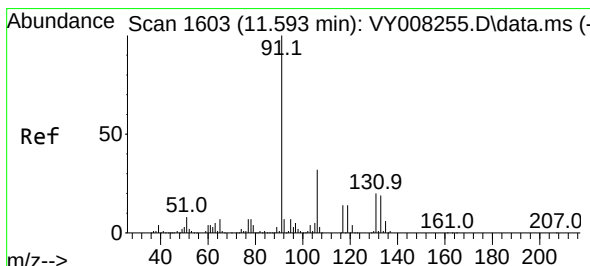
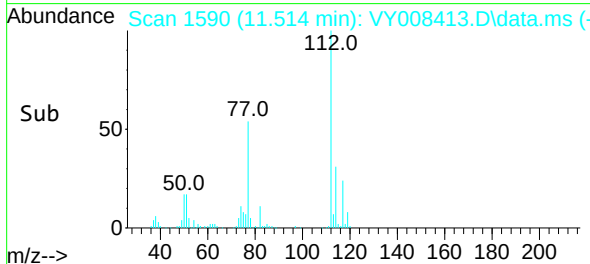
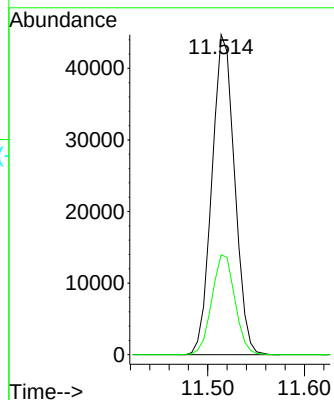
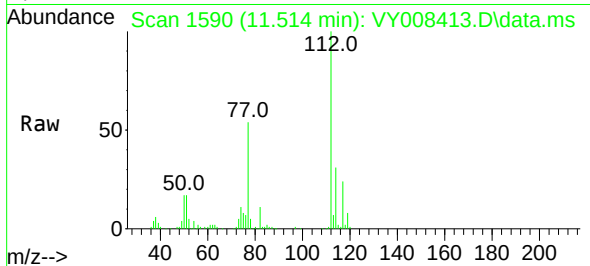




#65
Chlorobenzene
Concen: 18.658 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

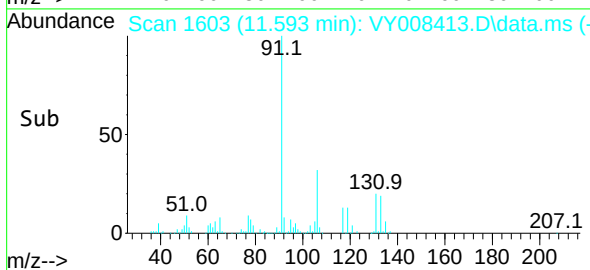
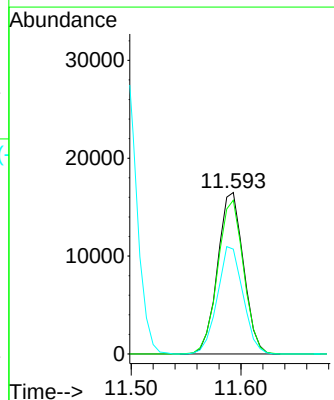
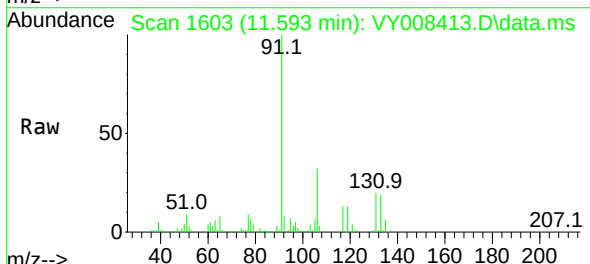
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

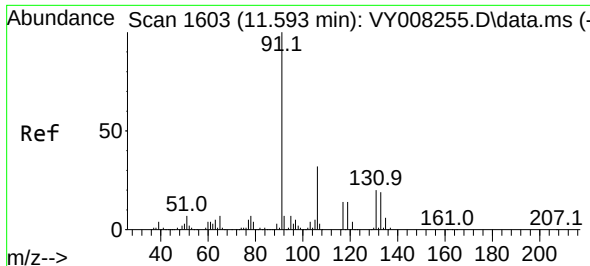
Tgt Ion:112 Resp: 72810
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 18.544 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion:131 Resp: 27003
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 66.0 30.8 92.3

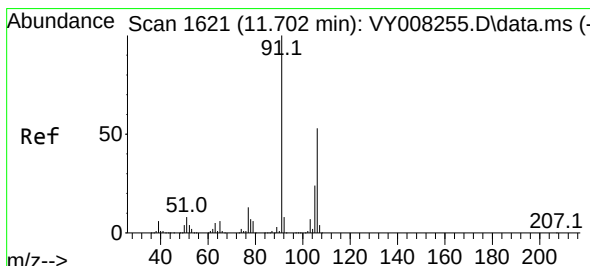
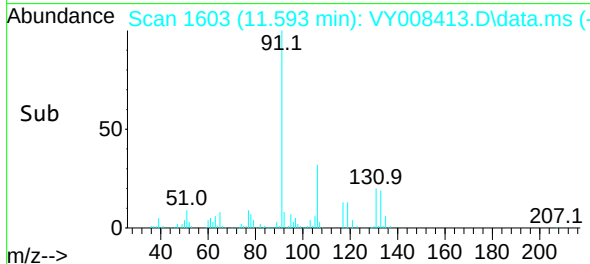
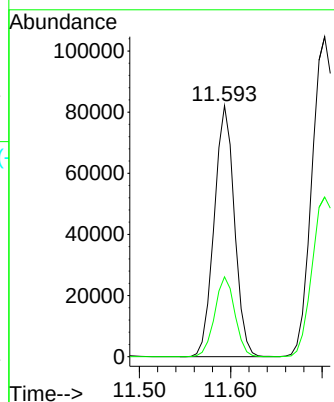
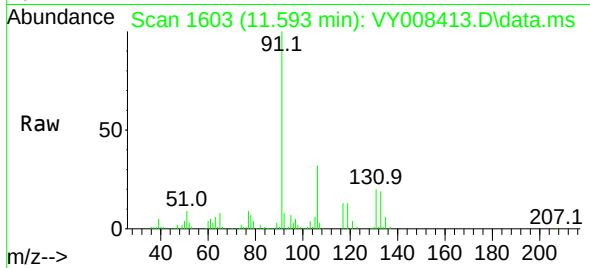




#67
Ethyl Benzene
Concen: 19.036 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

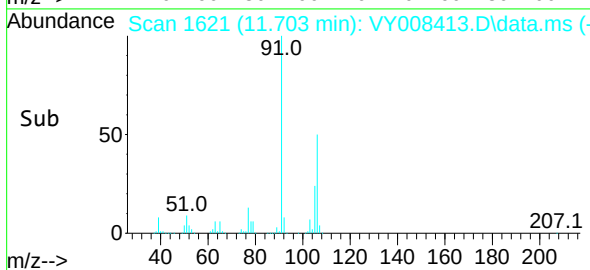
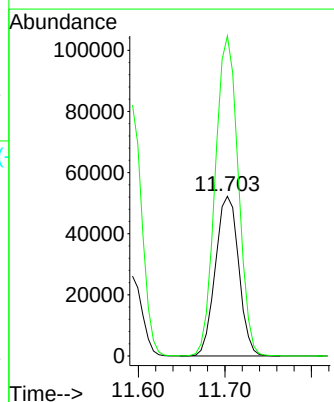
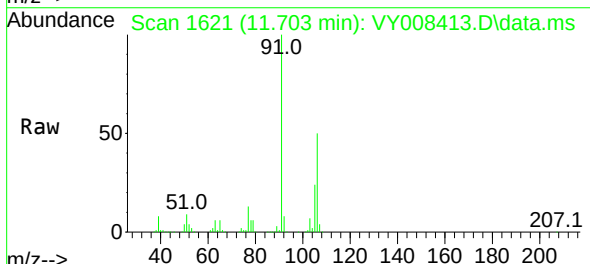
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBSD01

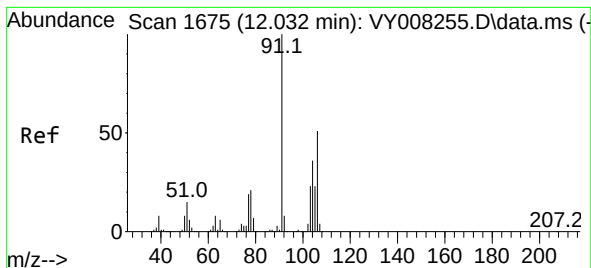
Tgt Ion: 91 Resp: 126328
Ion Ratio Lower Upper
91 100
106 31.8 24.5 36.7



#68
m/p-Xylenes
Concen: 37.032 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 106 Resp: 97736
Ion Ratio Lower Upper
106 100
91 197.7 166.6 249.8





#69

o-Xylene

Concen: 18.494 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

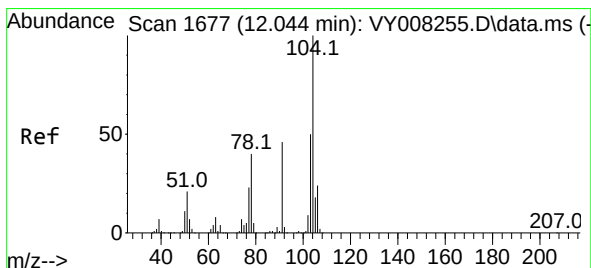
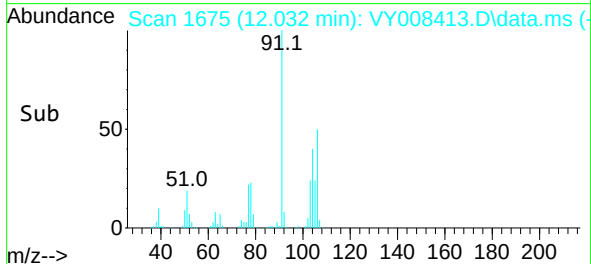
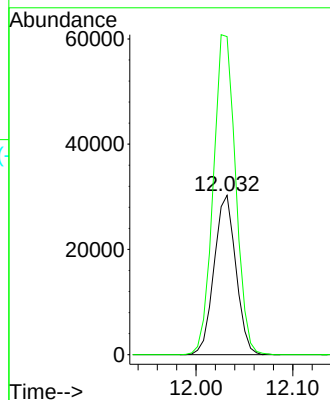
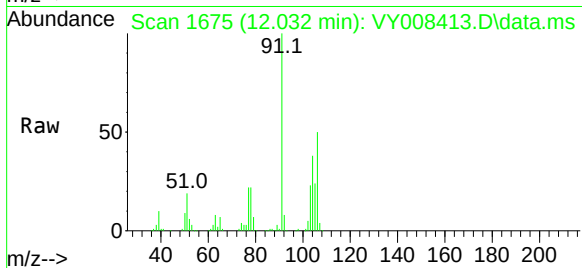
VY0420SBSD01

Tgt Ion:106 Resp: 47367

Ion Ratio Lower Upper

106 100

91 205.8 110.3 331.0



#70

Styrene

Concen: 18.580 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

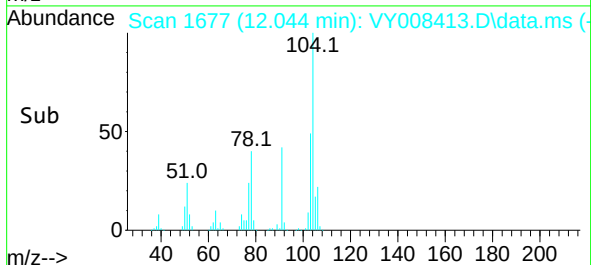
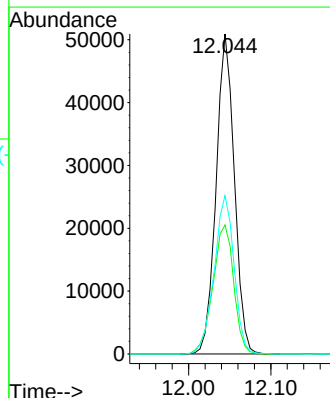
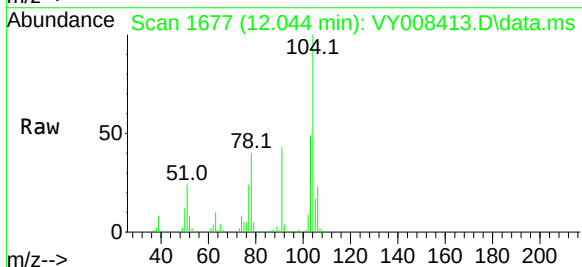
Tgt Ion:104 Resp: 78481

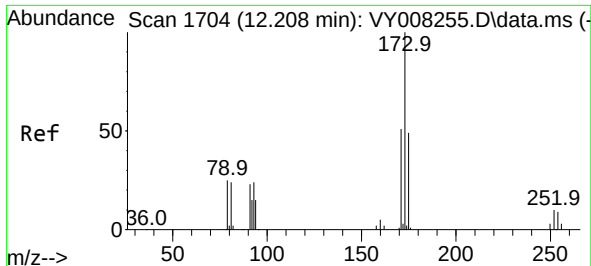
Ion Ratio Lower Upper

104 100

78 45.9 42.4 63.6

103 54.2 44.4 66.6

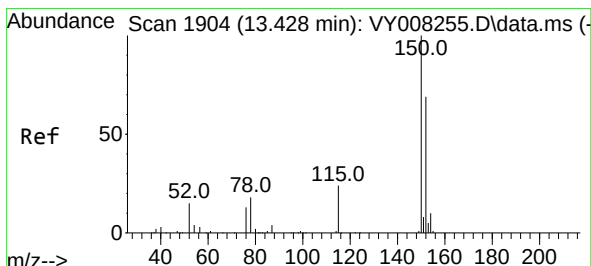
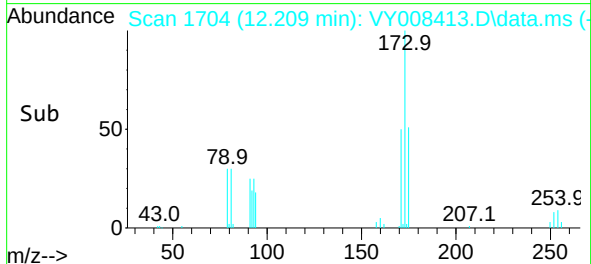
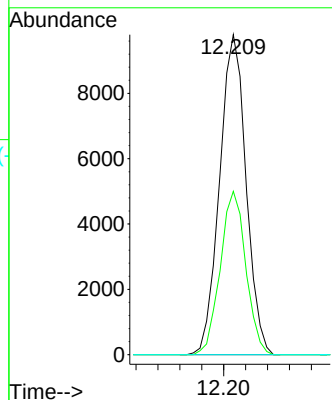
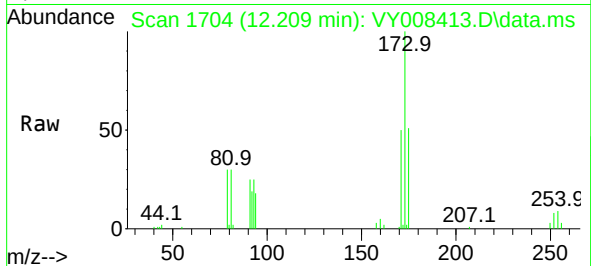




#71
Bromoform
Concen: 18.679 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

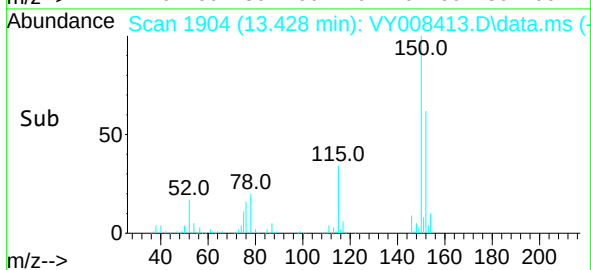
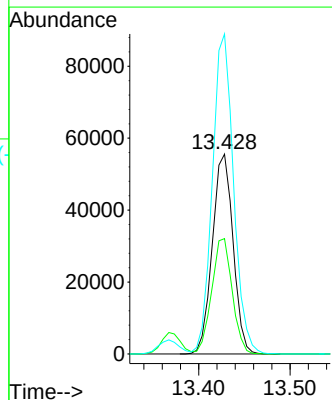
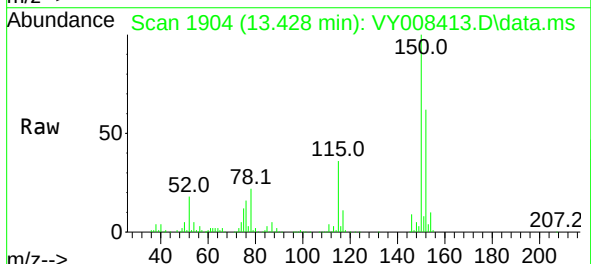
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

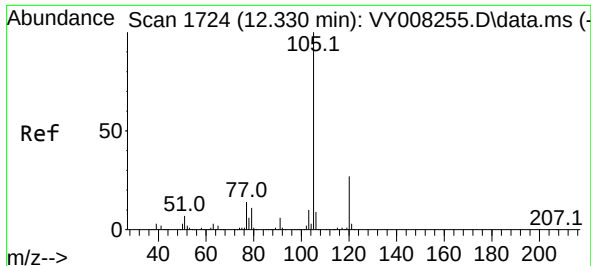
Tgt Ion:173 Resp: 16396
Ion Ratio Lower Upper
173 100
175 49.3 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion:152 Resp: 87483
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 163.7 0.0 347.6

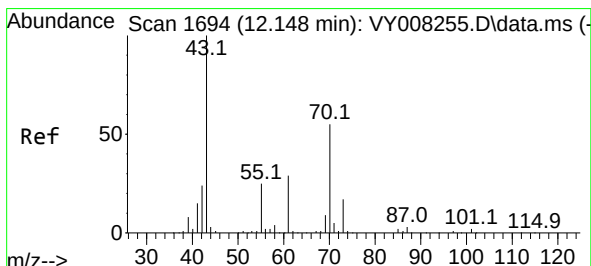
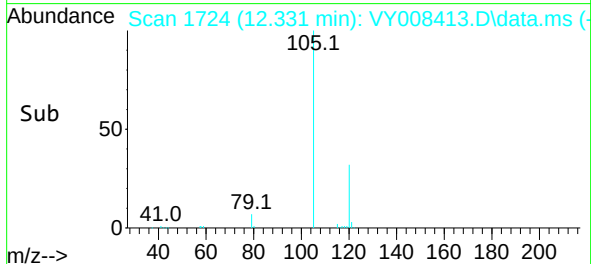
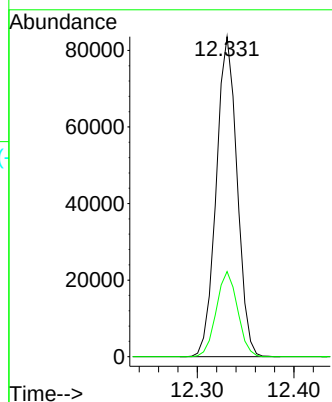
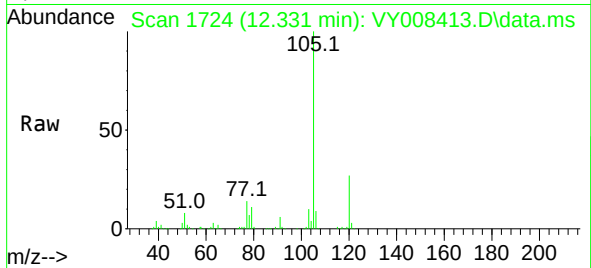




#73
Isopropylbenzene
Concen: 19.201 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

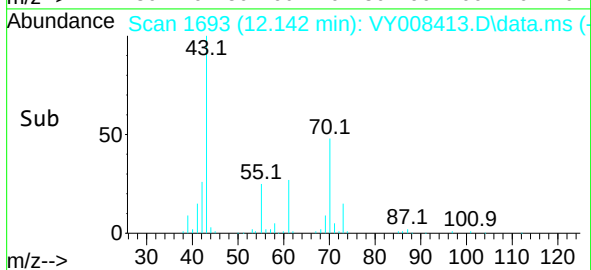
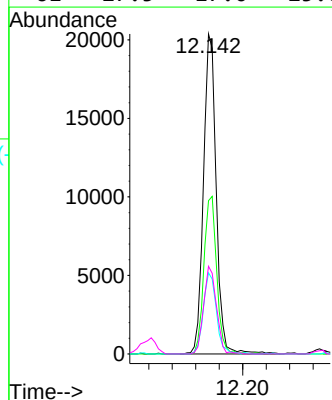
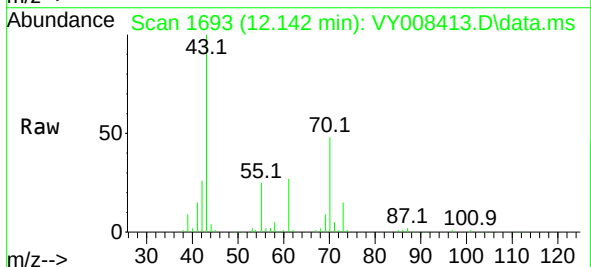
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

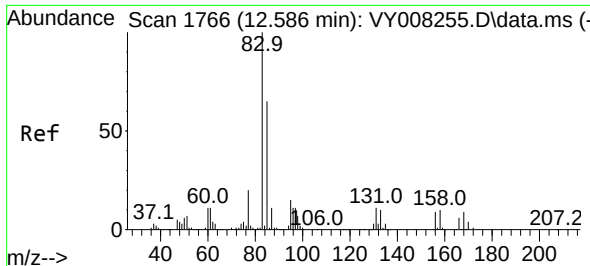
Tgt Ion:105 Resp: 124884
Ion Ratio Lower Upper
105 100
120 27.1 13.4 40.2



#74
N-ethyl acetate
Concen: 21.775 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 43 Resp: 30748
Ion Ratio Lower Upper
43 100
70 49.4 28.7 43.1#
55 25.8 17.3 25.9
61 27.5 17.0 25.6#

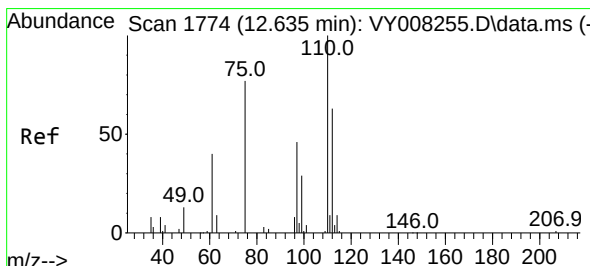
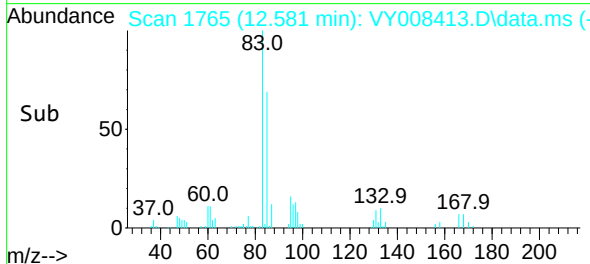
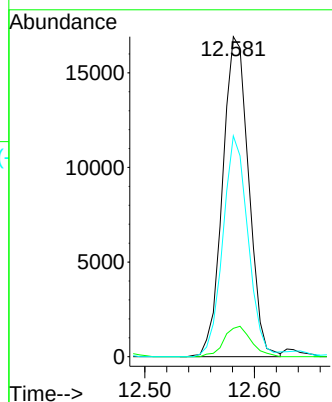
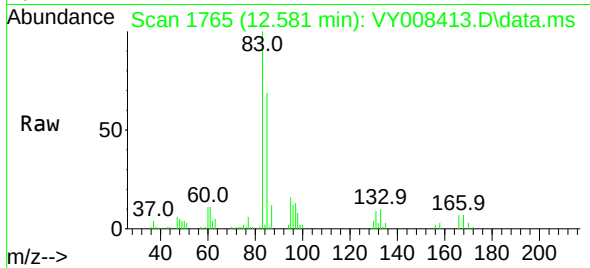




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.244 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.005 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

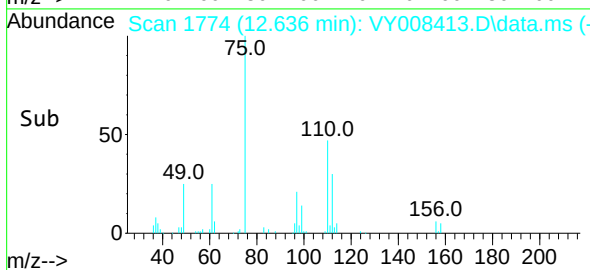
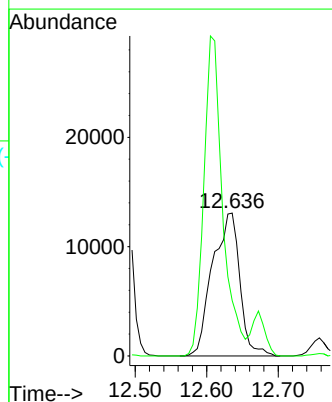
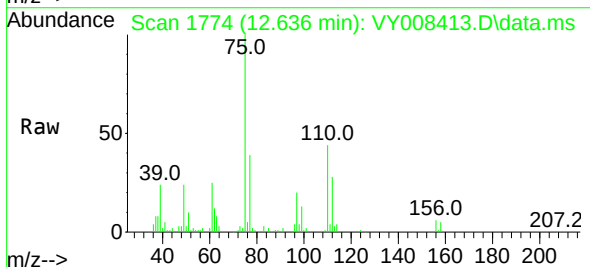
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

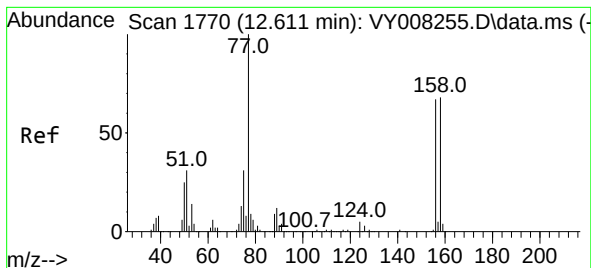
Tgt Ion: 83 Resp: 27861
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.6 16.8
 85 66.9 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 35.839 ug/l
 RT: 12.636 min Scan# 1774
 Delta R.T. 0.001 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

Tgt Ion: 75 Resp: 34676
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.533 ug/l

RT: 12.611 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

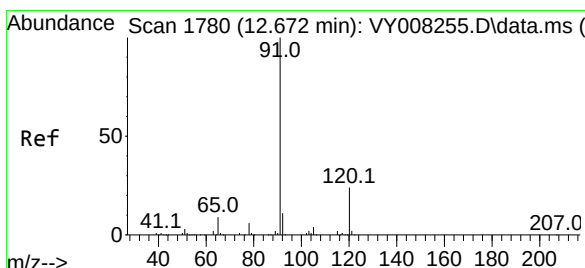
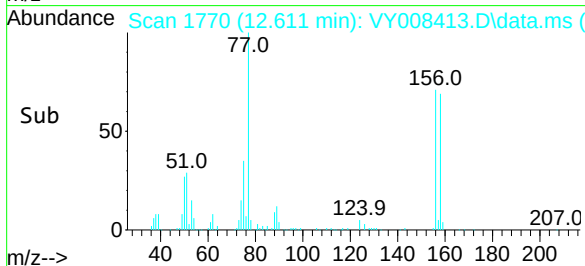
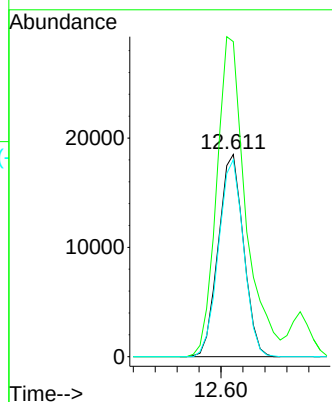
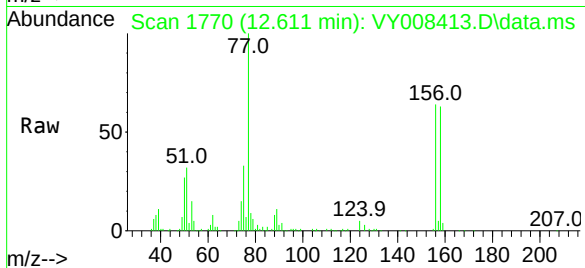
Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

Tgt Ion:	156	Resp:	29538
Ion	Ratio	Lower	Upper
156	100		
77	181.9	95.5	286.4
158	96.7	48.0	144.0



#78

n-propylbenzene

Concen: 19.718 ug/l

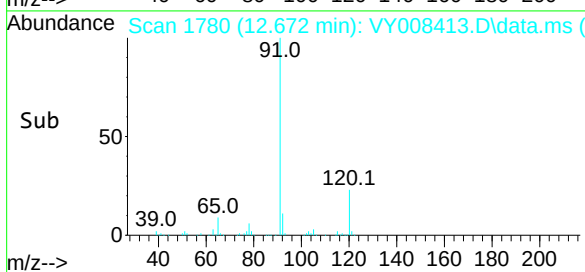
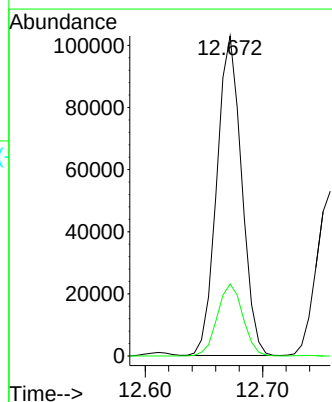
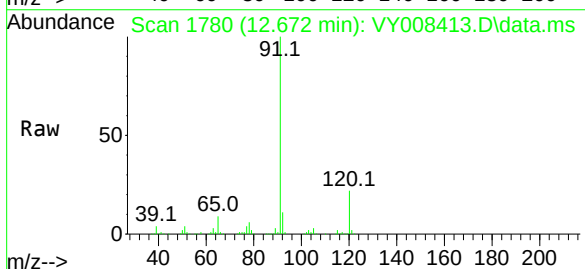
RT: 12.672 min Scan# 1780

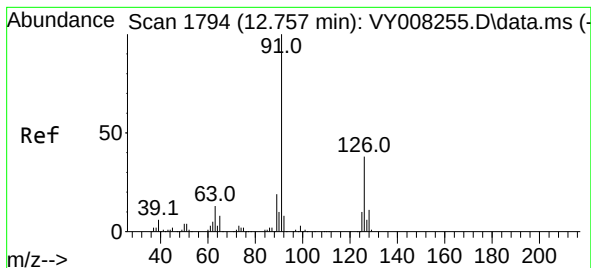
Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Tgt Ion:	91	Resp:	151339
Ion	Ratio	Lower	Upper
91	100		
120	23.1	11.3	33.9





#79

2-Chlorotoluene

Concen: 19.102 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

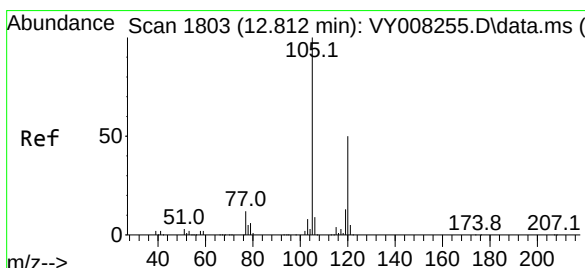
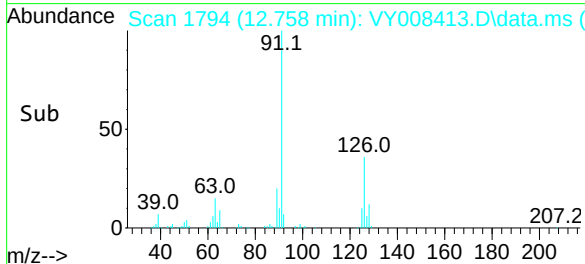
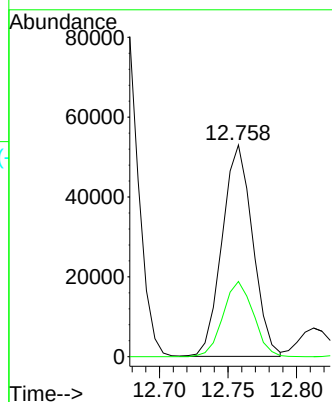
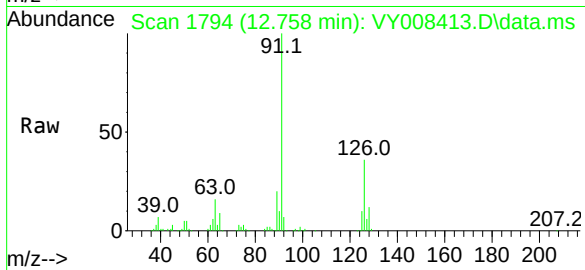
VY0420SBS01

Tgt Ion: 91 Resp: 82278

Ion Ratio Lower Upper

91 100

126 35.3 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 19.245 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY008413.D

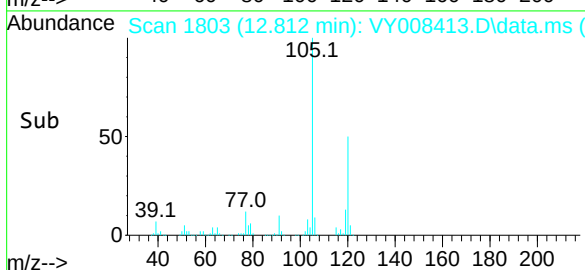
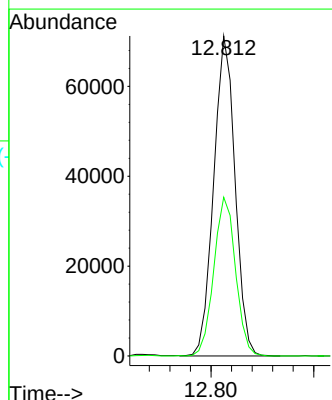
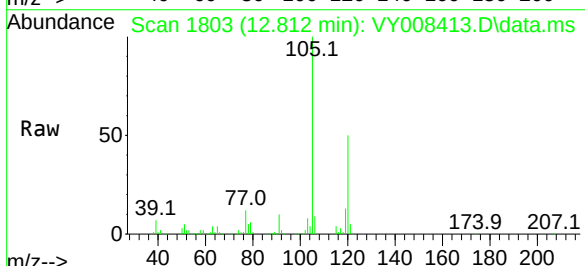
Acq: 20 Apr 2022 13:02

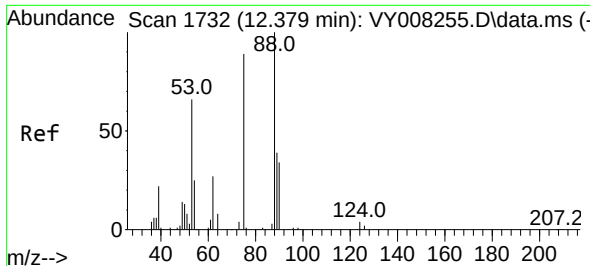
Tgt Ion: 105 Resp: 102641

Ion Ratio Lower Upper

105 100

120 50.4 24.4 73.4

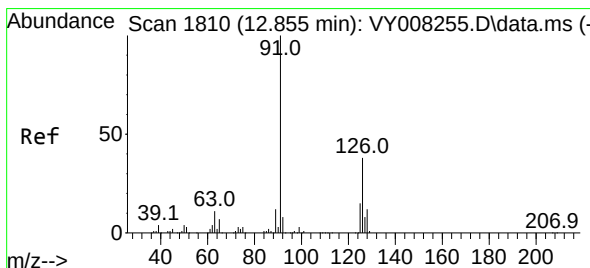
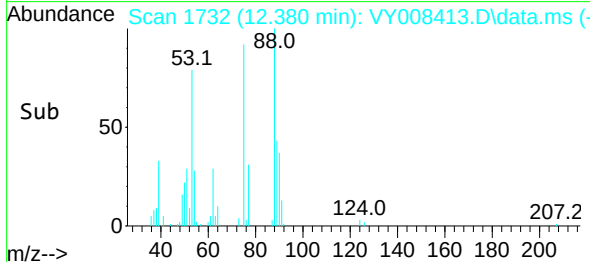
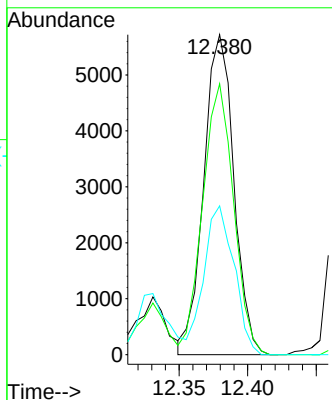
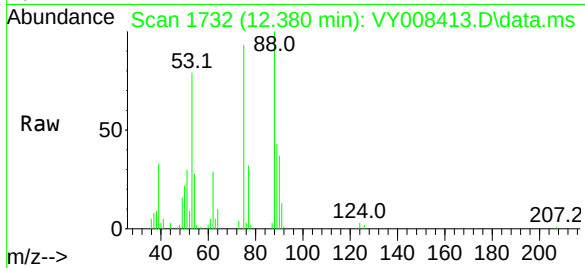




#81
trans-1,4-Dichloro-2-butene
Concen: 20.193 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

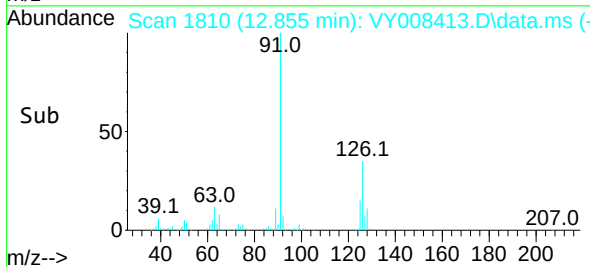
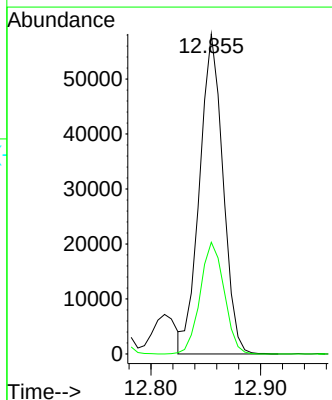
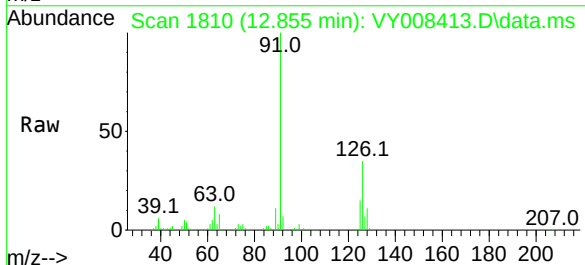
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

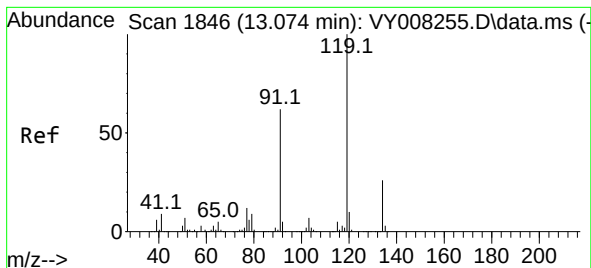
Tgt Ion: 75 Resp: 8732
Ion Ratio Lower Upper
75 100
53 87.2 85.3 127.9
89 46.5 37.0 55.4



#82
4-Chlorotoluene
Concen: 19.493 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 91 Resp: 86282
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0





#83

tert-Butylbenzene

Concen: 18.883 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

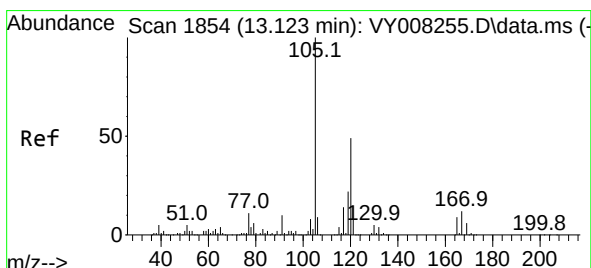
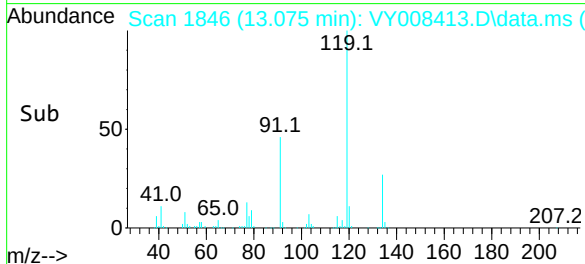
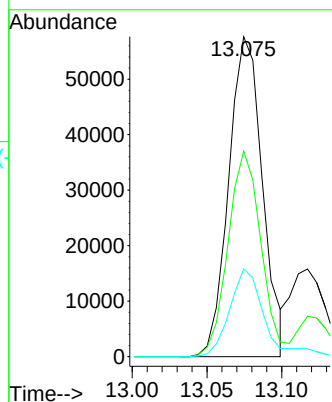
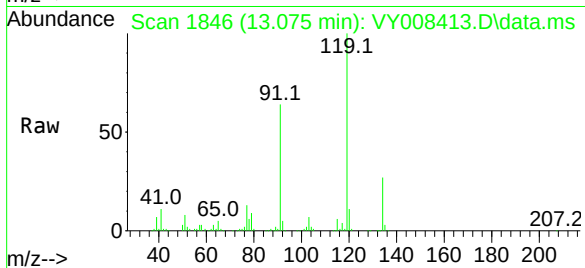
Tgt Ion:119 Resp: 90348

Ion Ratio Lower Upper

119 100

91 63.1 34.8 104.4

134 28.1 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 19.119 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY008413.D

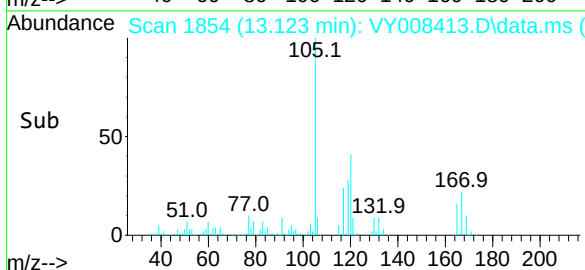
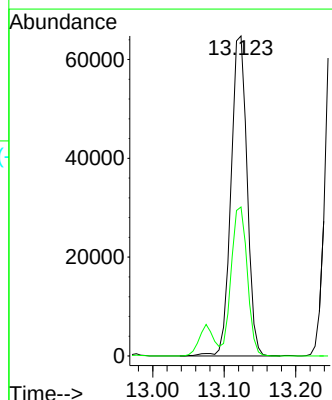
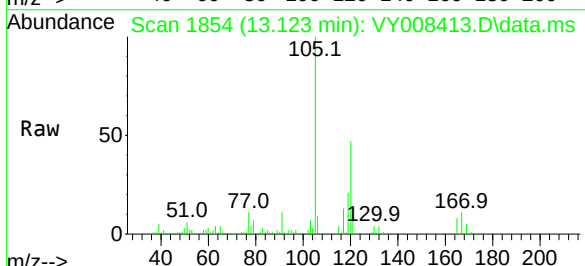
Acq: 20 Apr 2022 13:02

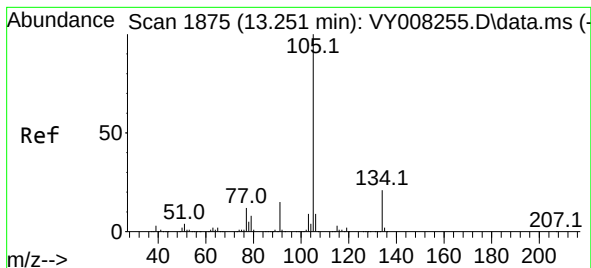
Tgt Ion:105 Resp: 100910

Ion Ratio Lower Upper

105 100

120 46.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 19.405 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

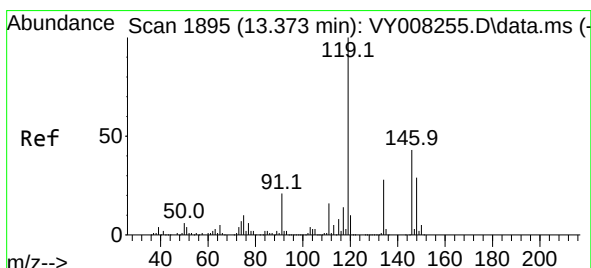
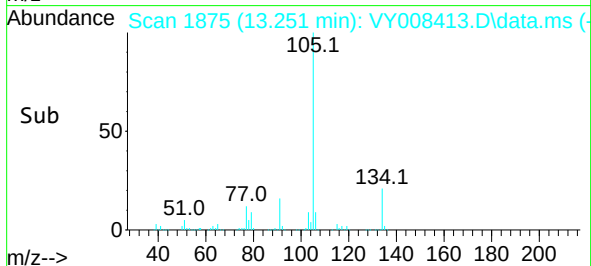
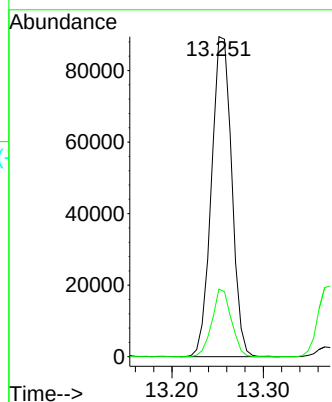
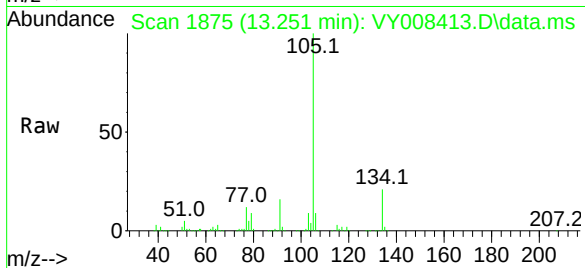
VY0420SBSD01

Tgt Ion:105 Resp: 137650

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.4



#86

p-Isopropyltoluene

Concen: 19.047 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

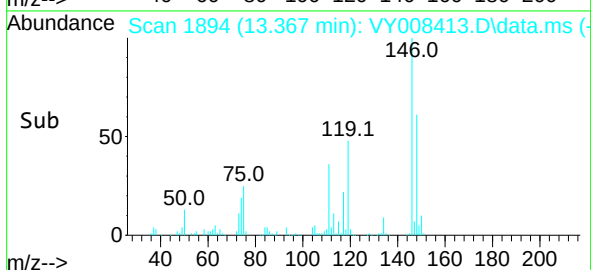
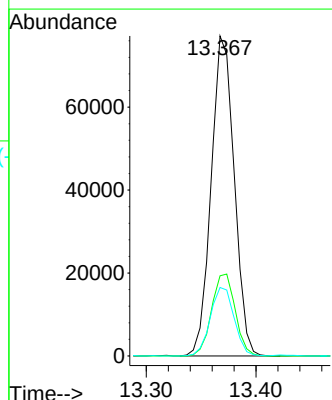
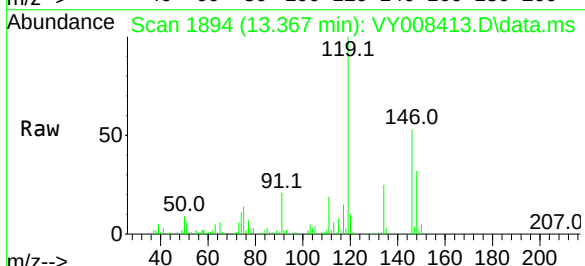
Tgt Ion:119 Resp: 112745

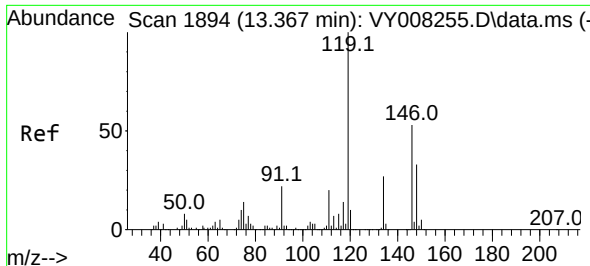
Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

91 22.1 12.4 37.2

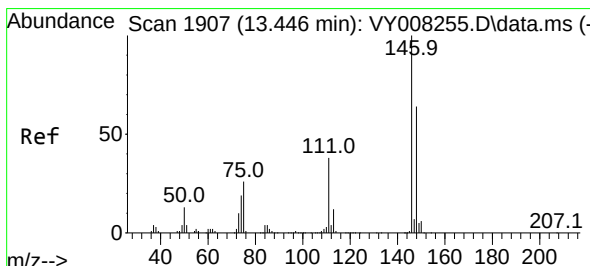
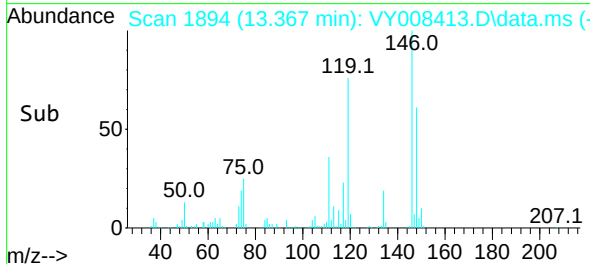
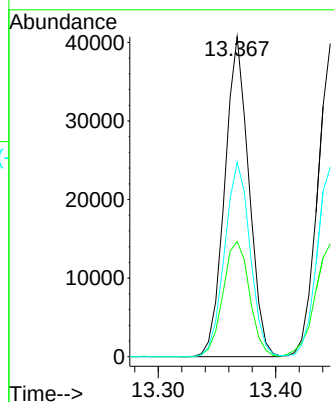
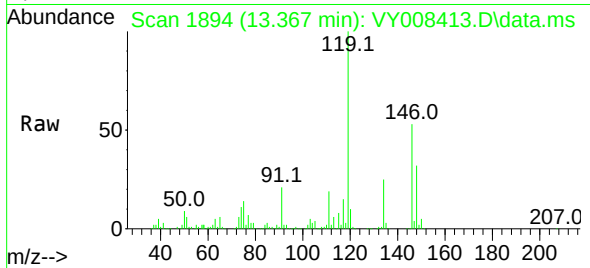




#87
 1,3-Dichlorobenzene
 Concen: 18.420 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

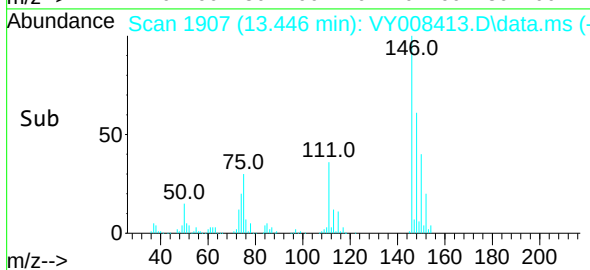
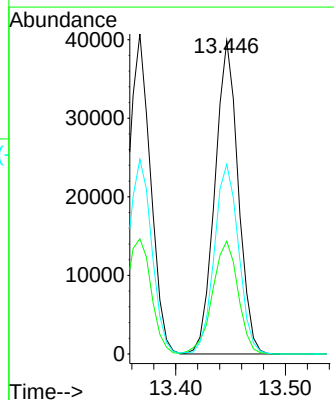
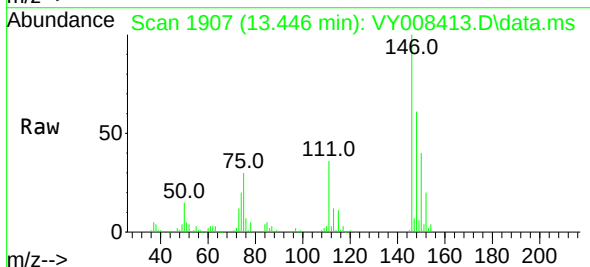
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0420SBS01

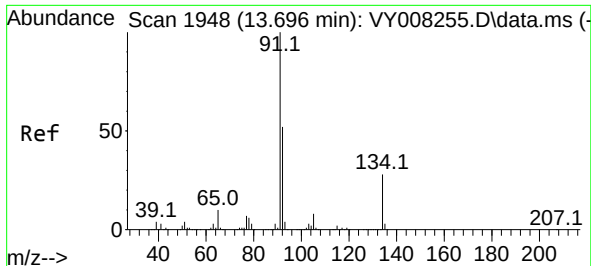
Tgt Ion:146 Resp: 58146
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.5 58.5
 148 64.1 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 18.858 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY008413.D
 Acq: 20 Apr 2022 13:02

Tgt Ion:146 Resp: 58915
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.3 57.8
 148 63.1 32.6 97.8

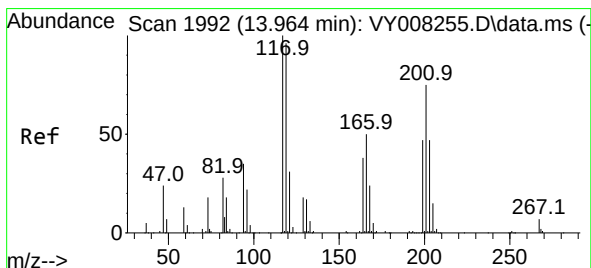
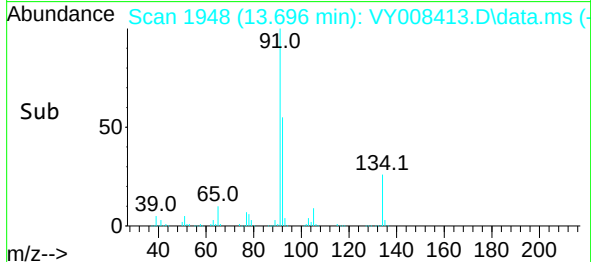
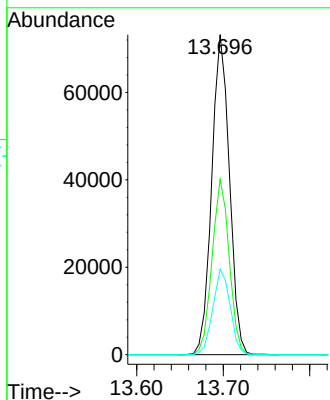
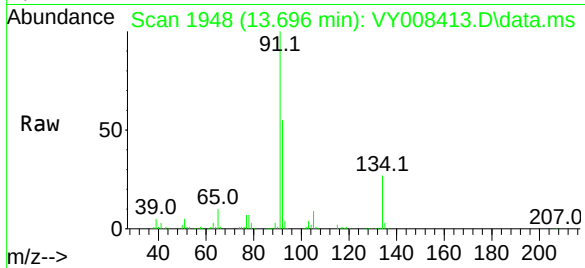




#89
n-Butylbenzene
Concen: 19.436 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

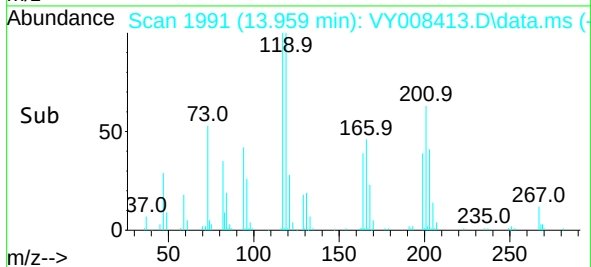
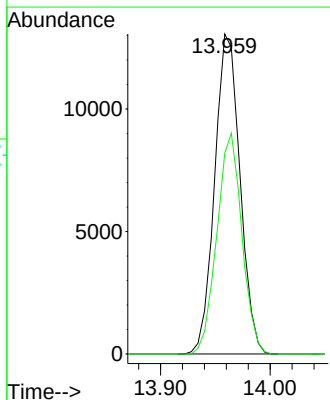
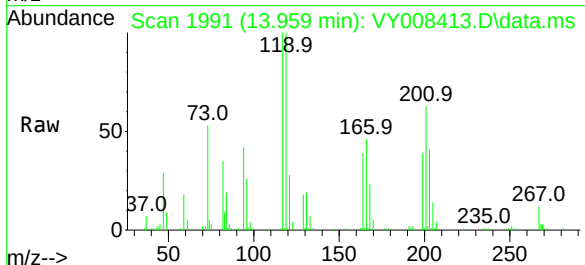
Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

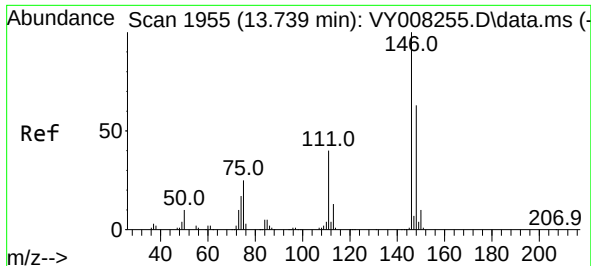
Tgt Ion: 91 Resp: 103945
Ion Ratio Lower Upper
91 100
92 53.2 26.3 78.9
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 18.972 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.005 min
Lab File: VY008413.D
Acq: 20 Apr 2022 13:02

Tgt Ion: 117 Resp: 20990
Ion Ratio Lower Upper
117 100
201 68.1 43.0 128.8





#91

1,2-Dichlorobenzene

Concen: 18.706 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

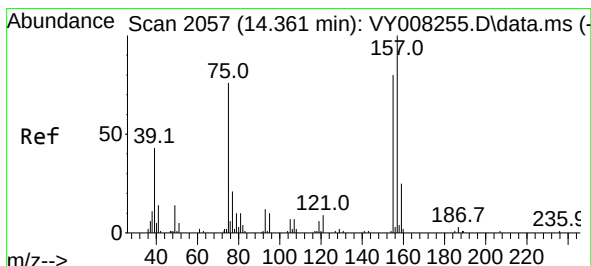
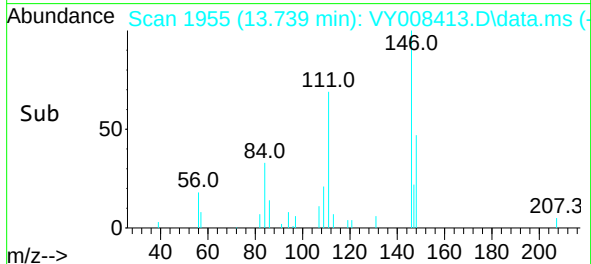
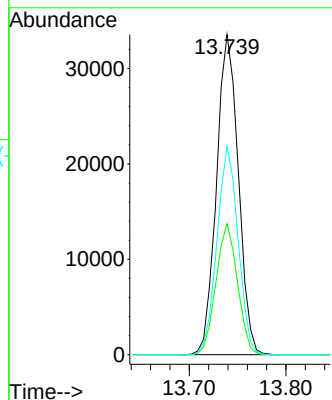
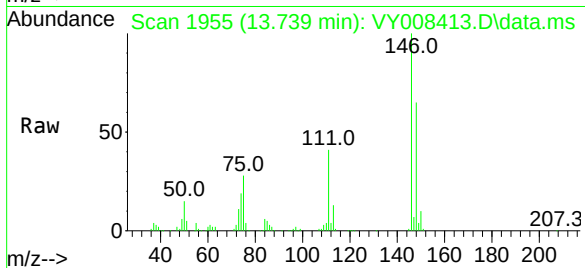
Tgt Ion:146 Resp: 52533

Ion Ratio Lower Upper

146 100

111 40.1 20.3 60.9

148 62.9 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.263 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.006 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

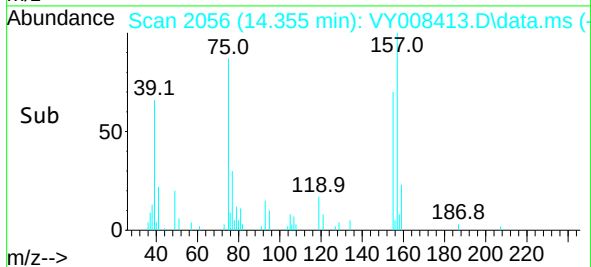
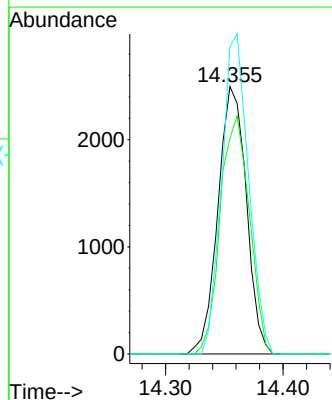
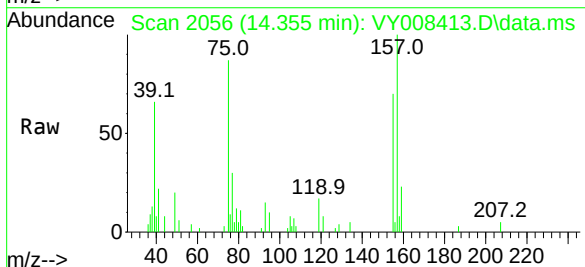
Tgt Ion: 75 Resp: 4187

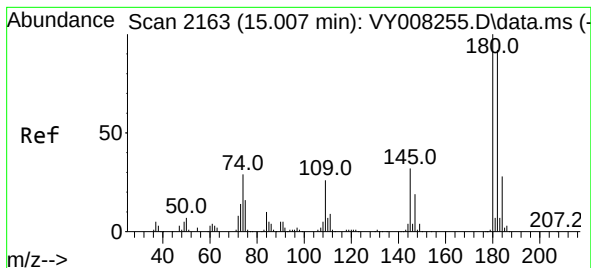
Ion Ratio Lower Upper

75 100

155 91.4 38.0 113.9

157 113.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 17.497 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBS01

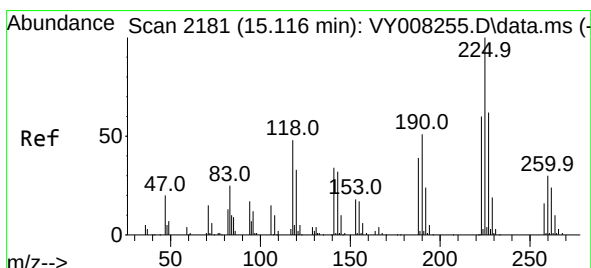
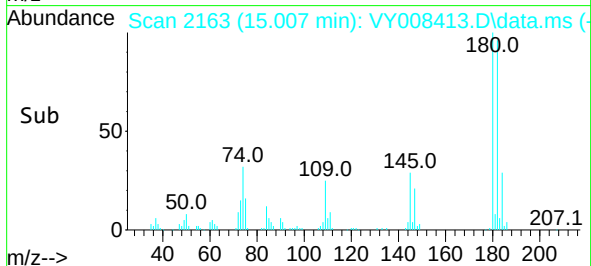
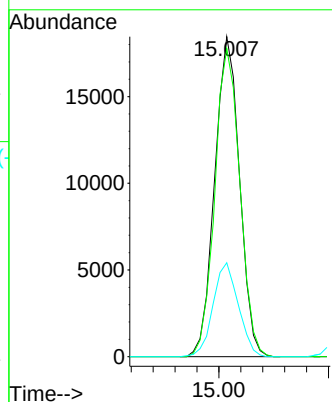
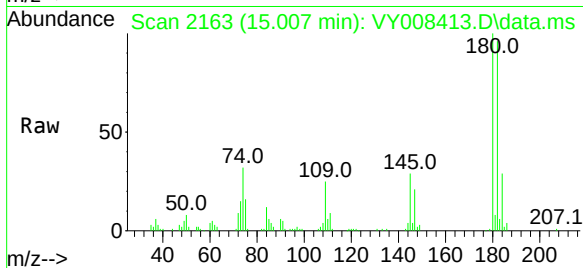
Tgt Ion:180 Resp: 29064

Ion Ratio Lower Upper

180 100

182 97.0 47.3 141.9

145 29.8 14.6 43.8



#94

Hexachlorobutadiene

Concen: 17.440 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.005 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

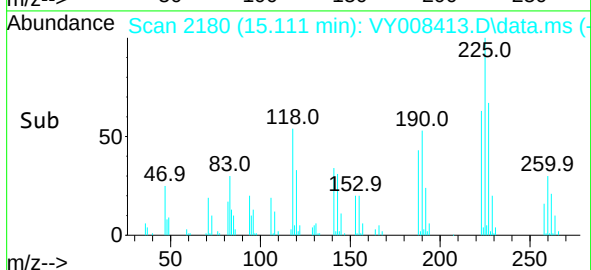
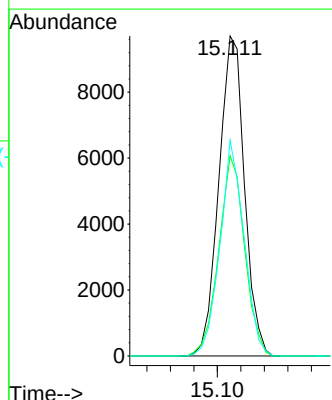
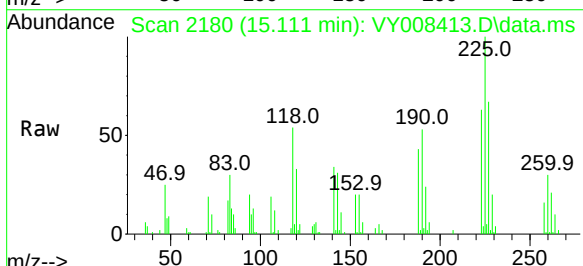
Tgt Ion:225 Resp: 14707

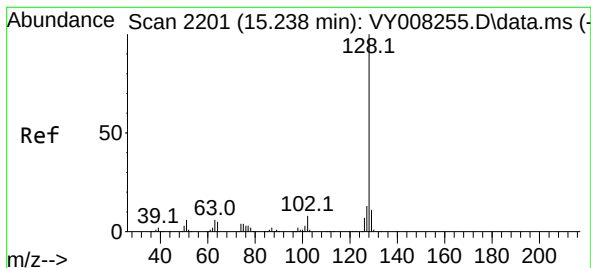
Ion Ratio Lower Upper

225 100

223 63.0 30.8 92.3

227 63.1 31.6 94.7





#95

Naphthalene

Concen: 18.200 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0420SBSD01

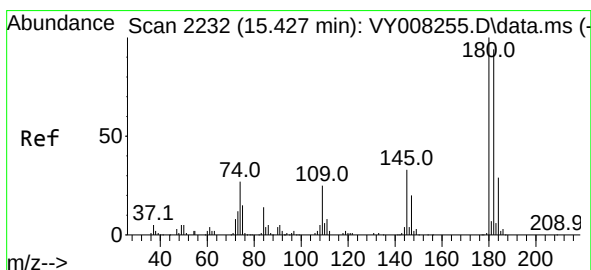
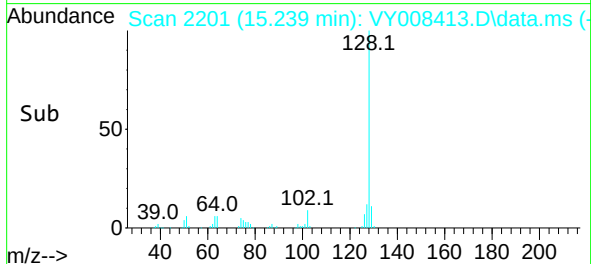
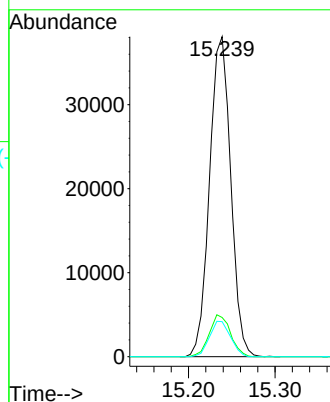
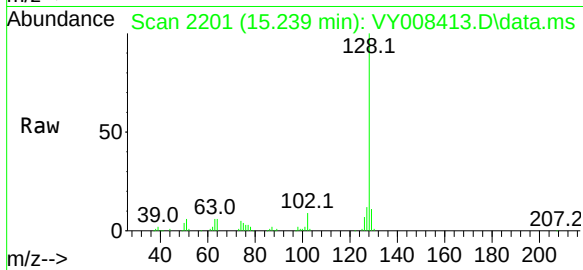
Tgt Ion:128 Resp: 64757

Ion Ratio Lower Upper

128 100

127 13.2 11.0 16.4

129 11.0 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.742 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.001 min

Lab File: VY008413.D

Acq: 20 Apr 2022 13:02

Tgt Ion:180 Resp: 25789

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 32.5 15.3 45.9

