

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012435.D
 Acq On : 01 Feb 2023 12:19
 Operator : KP/MD
 Sample : VY0201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

Quant Time: Feb 01 23:02:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	180197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	248451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	129158	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69951	46.563	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.120%
35) Dibromofluoromethane	7.716	113	66344	45.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.940%
50) Toluene-d8	10.179	98	234900	46.695	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.380%
62) 4-Bromofluorobenzene	12.483	95	92238	45.342	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31451	19.972	ug/l	98
3) Chloromethane	2.113	50	28076	19.313	ug/l	99
4) Vinyl Chloride	2.253	62	34430	20.291	ug/l	100
5) Bromomethane	2.644	94	27742	21.147	ug/l	98
6) Chloroethane	2.790	64	23165	20.933	ug/l	100
7) Trichlorofluoromethane	3.125	101	69680	21.041	ug/l	99
8) Diethyl Ether	3.534	74	19562	19.851	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	34793	21.587	ug/l	95
10) Methyl Iodide	4.094	142	42087	17.182	ug/l	97
11) Tert butyl alcohol	4.942	59	34220	190.112	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	34691	20.961	ug/l	93
13) Acrolein	3.729	56	8110	102.799	ug/l	96
14) Allyl chloride	4.479	41	41700	20.378	ug/l #	87
15) Acrylonitrile	5.161	53	45669	106.099	ug/l	99
16) Acetone	3.948	43	48678	97.013	ug/l	99
17) Carbon Disulfide	4.192	76	97860	19.117	ug/l	100
18) Methyl Acetate	4.479	43	23404	20.845	ug/l	90
19) Methyl tert-butyl Ether	5.222	73	93665	20.302	ug/l	95
20) Methylene Chloride	4.716	84	53735	20.962	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	37989	20.570	ug/l	90
22) Diisopropyl ether	6.118	45	86516	21.207	ug/l #	89
23) Vinyl Acetate	6.064	43	260053	102.295	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	59448	21.008	ug/l	97
25) 2-Butanone	6.984	43	58539	105.677	ug/l #	85
26) 2,2-Dichloropropane	6.984	77	66264	21.571	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	42591	20.995	ug/l	95
28) Bromochloromethane	7.338	49	12244	19.812	ug/l #	72
29) Tetrahydrofuran	7.344	42	31565	103.738	ug/l #	82
30) Chloroform	7.508	83	68527	20.515	ug/l	99
31) Cyclohexane	7.783	56	54071	20.581	ug/l	89
32) 1,1,1-Trichloroethane	7.704	97	68384	20.679	ug/l	98
36) 1,1-Dichloropropene	7.917	75	51463	20.984	ug/l	97
37) Ethyl Acetate	7.070	43	22936	21.214	ug/l #	95
38) Carbon Tetrachloride	7.899	117	65855	20.791	ug/l	99
39) Methylcyclohexane	9.185	83	63643	21.235	ug/l	94
40) Benzene	8.161	78	149573	21.131	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	31552	49.649	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	46147	20.478	ug/l	98
43) Isopropyl Acetate	8.271	43	41854	20.808	ug/l #	93
44) Trichloroethene	8.941	130	44092	20.840	ug/l	98
45) 1,2-Dichloropropane	9.215	63	31794	21.526	ug/l	96
46) Dibromomethane	9.307	93	20855	21.091	ug/l	95
47) Bromodichloromethane	9.496	83	52213	20.977	ug/l	98
48) Methyl methacrylate	9.295	41	19232	20.751	ug/l	91
49) 1,4-Dioxane	9.307	88	5540	411.177	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	113109	105.455	ug/l	94
52) Toluene	10.246	92	99362	21.082	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	52920	20.326	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	59067	21.067	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30276	21.551	ug/l	95
56) Ethyl methacrylate	10.508	69	37709	20.460	ug/l	96
57) 1,3-Dichloropropane	10.788	76	49121	21.410	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	63594	104.279	ug/l	90
59) 2-Hexanone	10.831	43	84597	103.596	ug/l	93
60) Dibromochloromethane	10.983	129	38516	20.671	ug/l	98
61) 1,2-Dibromoethane	11.087	107	28470	21.002	ug/l	97
64) Tetrachloroethene	10.721	164	50539	22.293	ug/l	96
65) Chlorobenzene	11.514	112	105816	20.816	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	40938	21.336	ug/l	99
67) Ethyl Benzene	11.593	91	191912	21.124	ug/l	98
68) m/p-Xylenes	11.703	106	153773	42.809	ug/l	97
69) o-Xylene	12.032	106	71246	20.765	ug/l	97
70) Styrene	12.044	104	120766	21.066	ug/l	99
71) Bromoform	12.209	173	26721	21.797	ug/l #	98
73) Isopropylbenzene	12.331	105	197411	21.196	ug/l	99
74) N-amyl acetate	12.142	43	36299	19.882	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	30775	20.979	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	46377	39.049	ug/l #	100
77) Bromobenzene	12.611	156	46657	20.819	ug/l	92
78) n-propylbenzene	12.672	91	229513	21.059	ug/l	98
79) 2-Chlorotoluene	12.758	91	127146	20.634	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	170630	21.075	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12324	21.381	ug/l	98
82) 4-Chlorotoluene	12.855	91	135788	20.979	ug/l	98
83) tert-Butylbenzene	13.075	119	144983	20.546	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	169108	21.180	ug/l	99
85) sec-Butylbenzene	13.251	105	214860	21.386	ug/l	98
86) p-Isopropyltoluene	13.367	119	184962	21.071	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	92990	20.863	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91561	20.598	ug/l	100
89) n-Butylbenzene	13.696	91	161745	21.263	ug/l	98
90) Hexachloroethane	13.959	117	33348	21.044	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	81580	20.512	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5820	19.197	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	47734	18.731	ug/l	98
94) Hexachlorobutadiene	15.111	225	31714	20.670	ug/l	98
95) Naphthalene	15.233	128	90660	18.024	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	41431	18.893	ug/l	99

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ClientSampleId :
VY0201SBS01

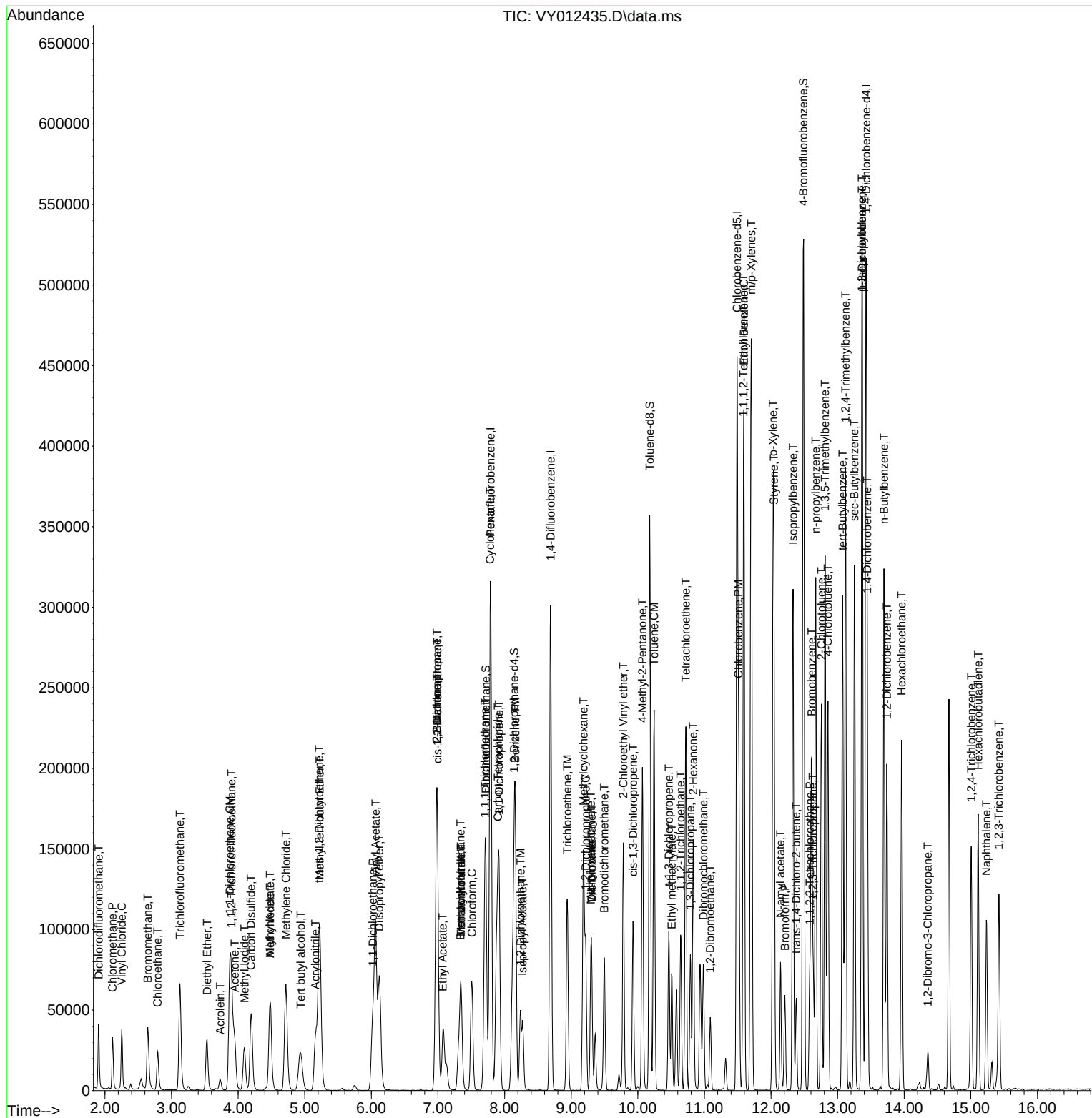
Quant Time: Feb 01 23:02:43 2023
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
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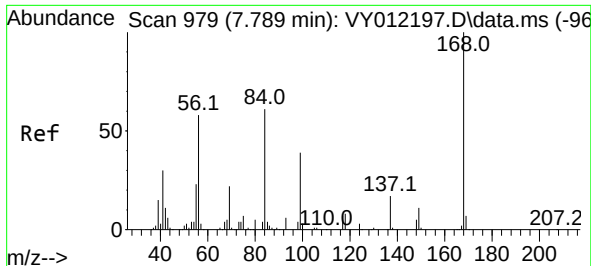
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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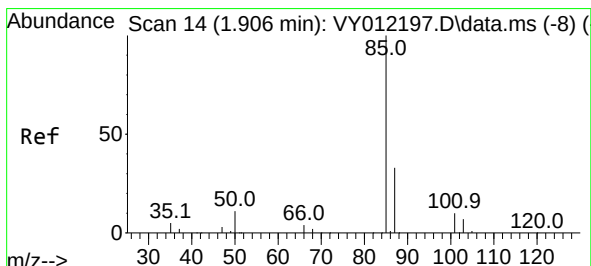
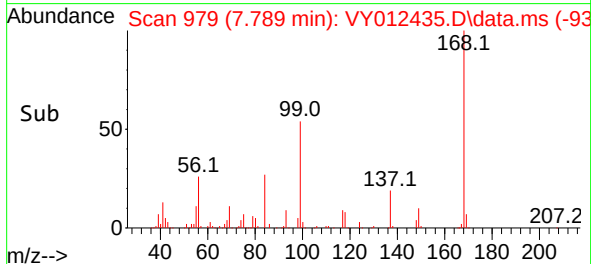
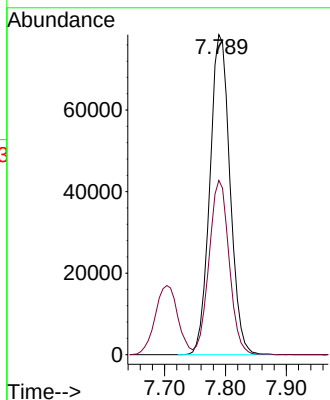
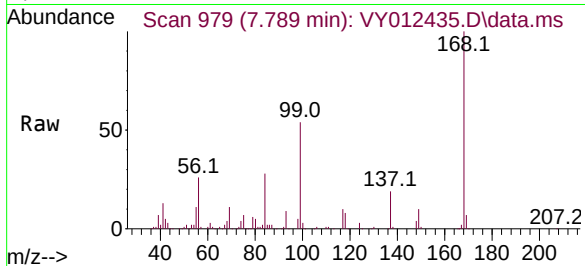




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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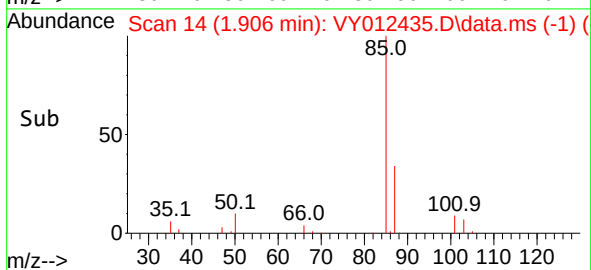
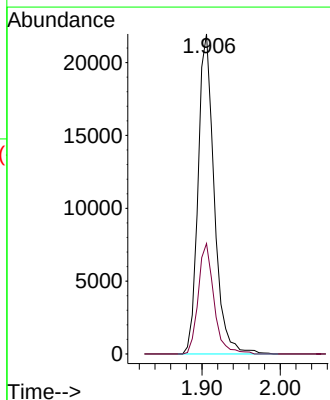
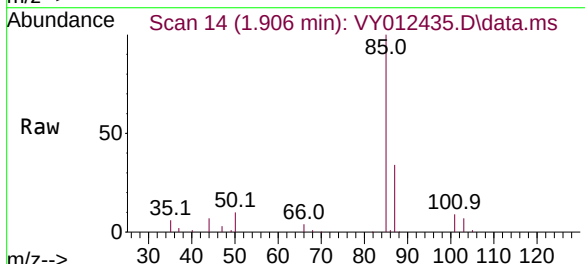
Instrument :
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ClientSampleId :
VY0201SBS01

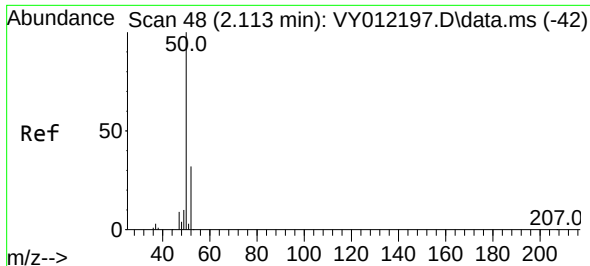
Tgt Ion:168 Resp: 180197
Ion Ratio Lower Upper
168 100
99 54.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 19.972 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 85 Resp: 31451
Ion Ratio Lower Upper
85 100
87 34.5 16.8 50.4

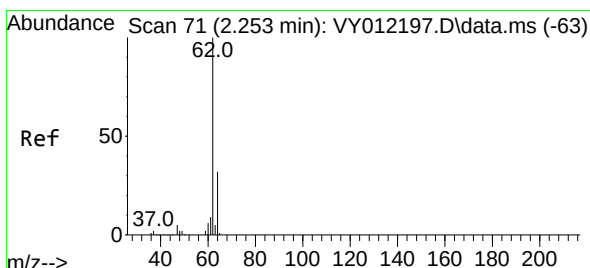
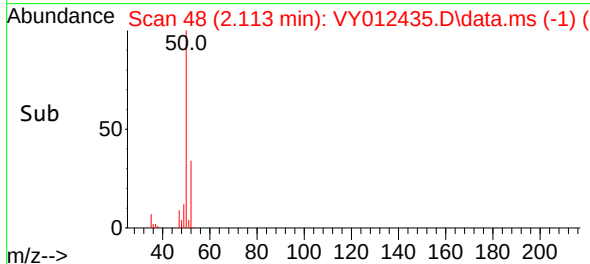
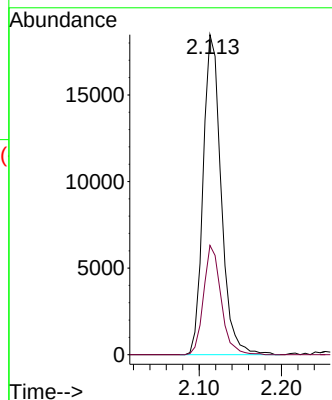
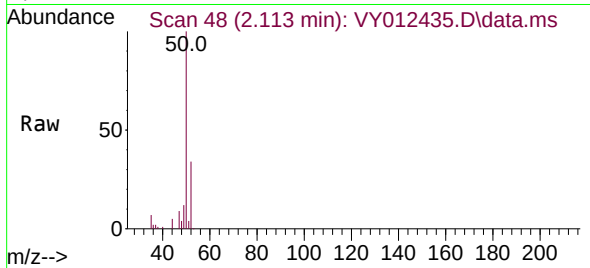




#3
Chloromethane
Concen: 19.313 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

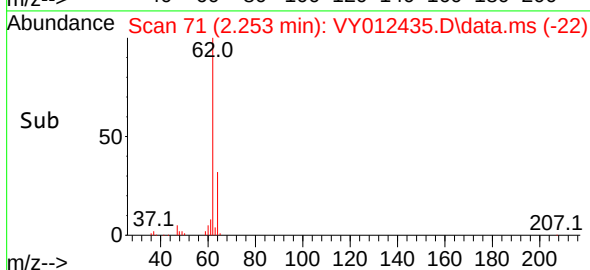
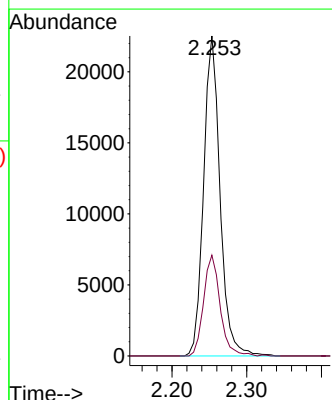
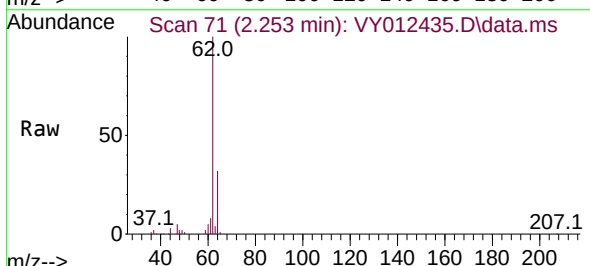
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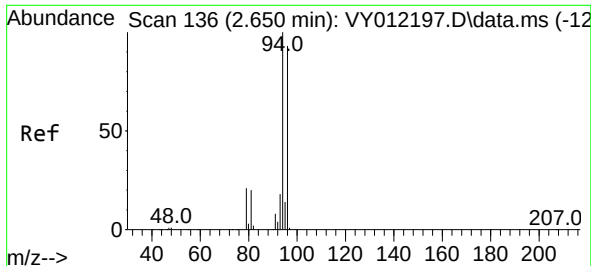
Tgt Ion: 50 Resp: 28076
Ion Ratio Lower Upper
50 100
52 34.2 26.8 40.2



#4
Vinyl Chloride
Concen: 20.291 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 62 Resp: 34430
Ion Ratio Lower Upper
62 100
64 31.5 25.0 37.6

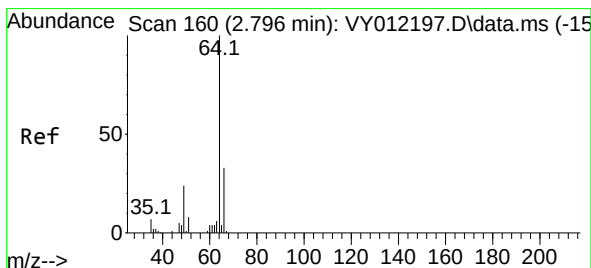
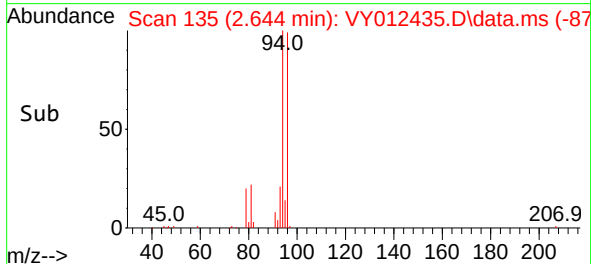
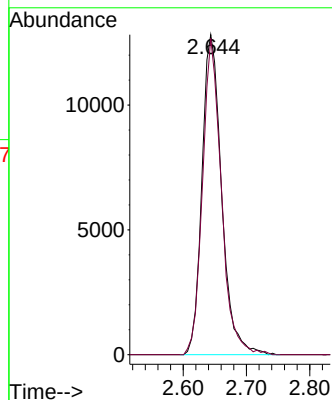
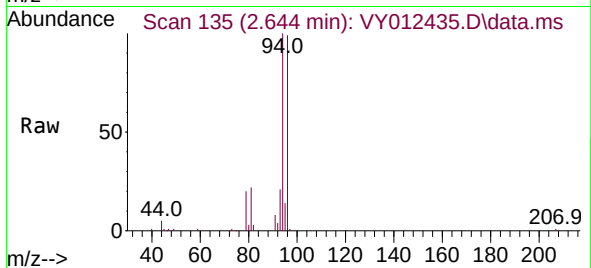




#5
Bromomethane
Concen: 21.147 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

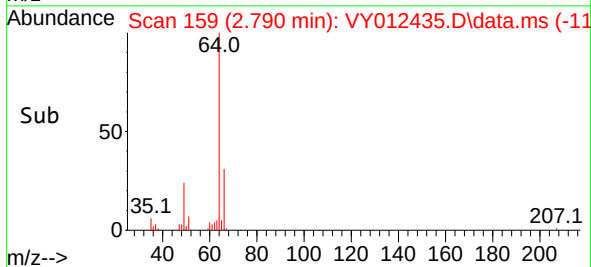
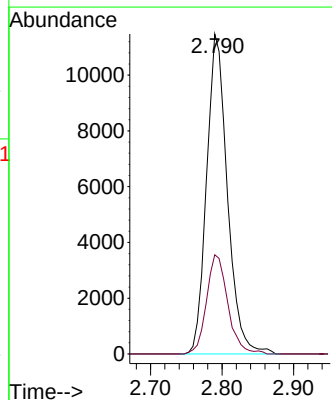
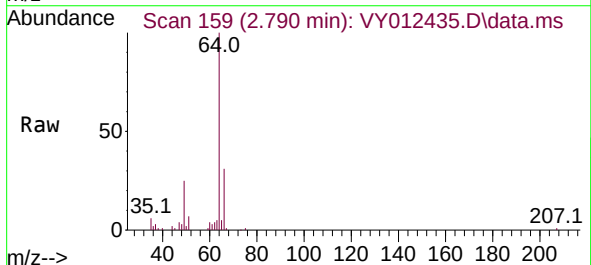
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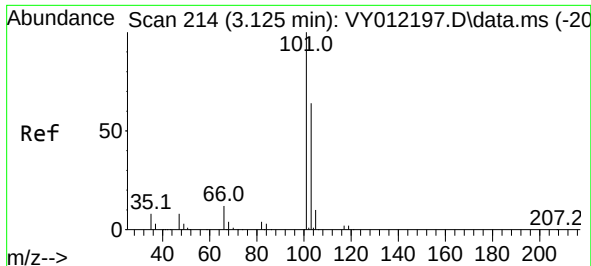
Tgt Ion: 94 Resp: 27742
Ion Ratio Lower Upper
94 100
96 98.8 77.4 116.2



#6
Chloroethane
Concen: 20.933 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY012435.D
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Tgt Ion: 64 Resp: 23165
Ion Ratio Lower Upper
64 100
66 31.0 25.0 37.4

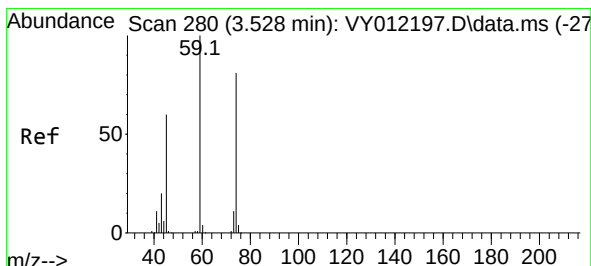
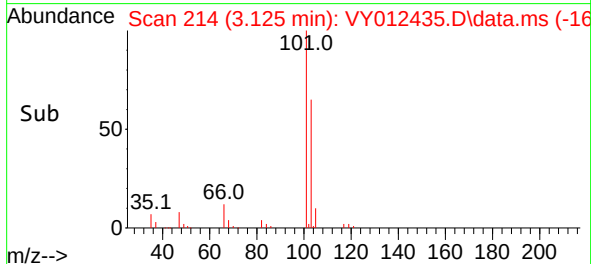
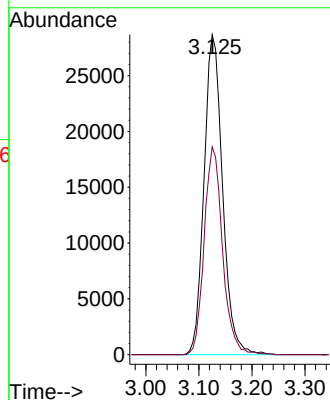
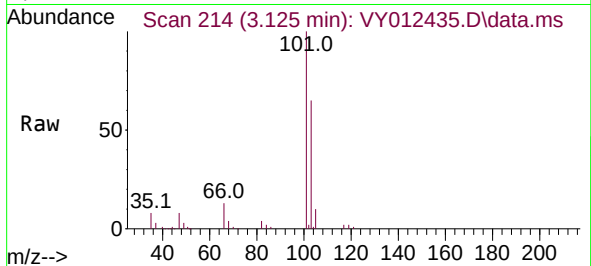




#7
 Trichlorofluoromethane
 Concen: 21.041 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

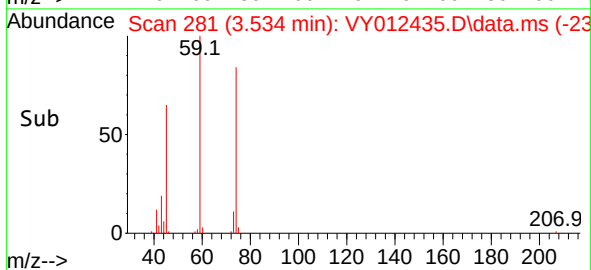
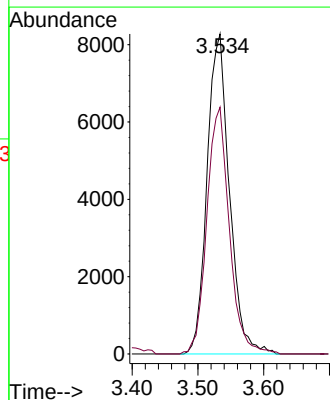
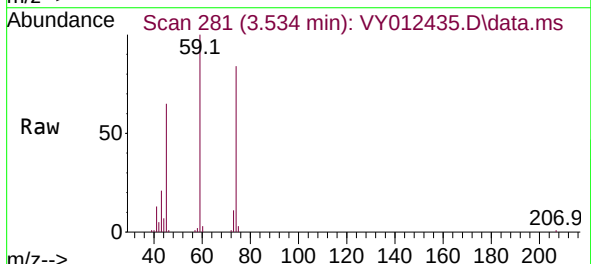
Instrument :
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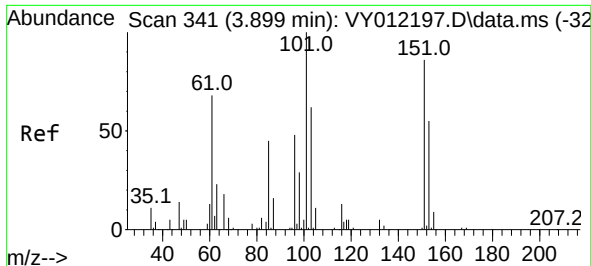
Tgt Ion:101 Resp: 69680
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.0 76.6



#8
 Diethyl Ether
 Concen: 19.851 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 19562
 Ion Ratio Lower Upper
 74 100
 45 77.7 46.8 140.3

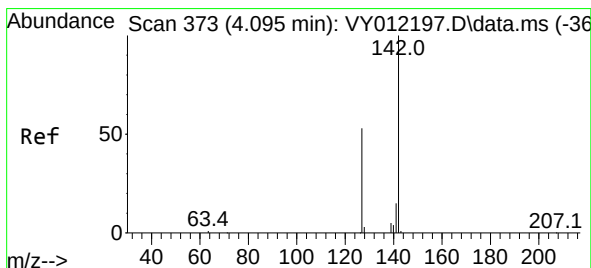
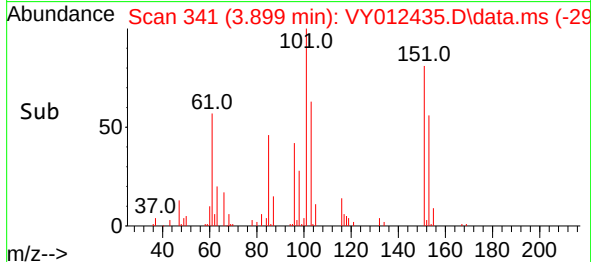
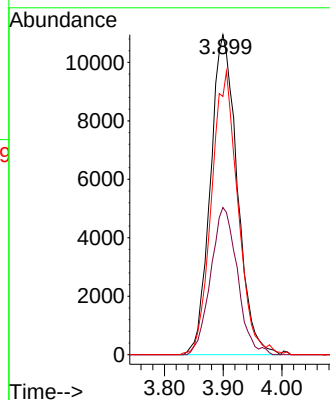
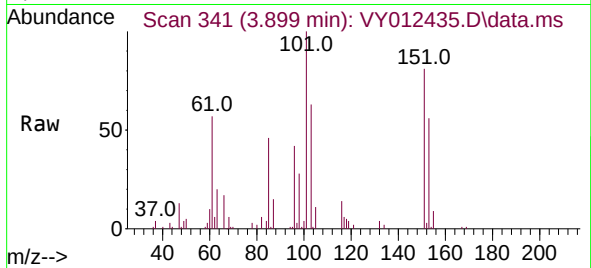




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.587 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.001 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

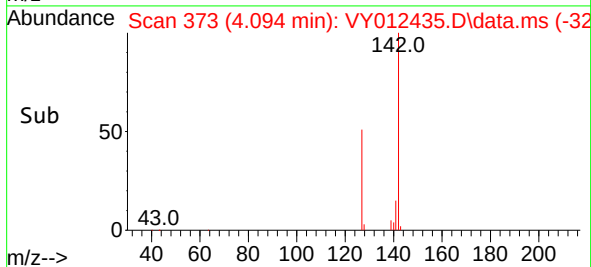
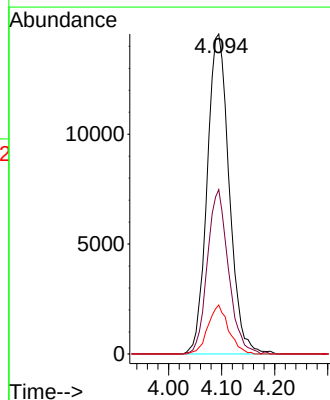
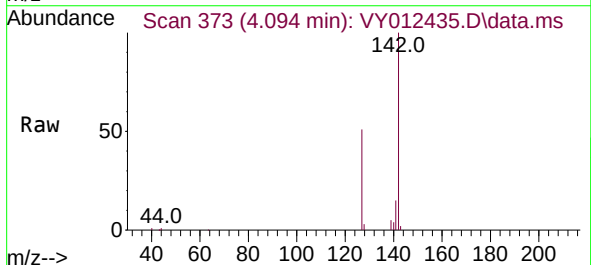
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

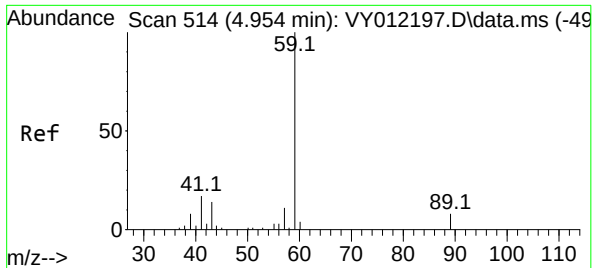
Tgt Ion:101 Resp: 34793
Ion Ratio Lower Upper
101 100
85 45.7 36.2 54.2
151 87.2 64.2 96.2



#10
Methyl Iodide
Concen: 17.182 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.001 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:142 Resp: 42087
Ion Ratio Lower Upper
142 100
127 49.0 37.0 55.4
141 14.4 11.4 17.0

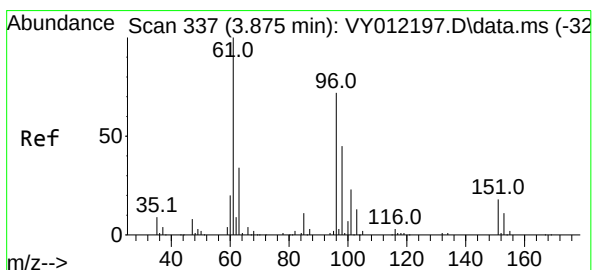
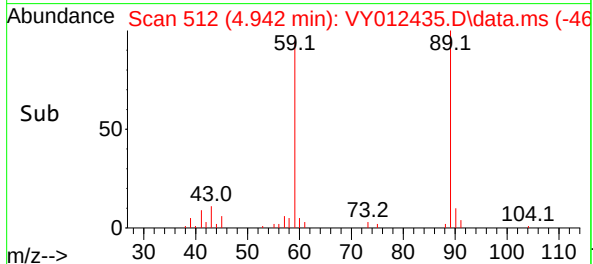
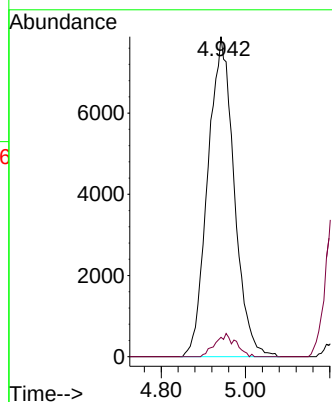
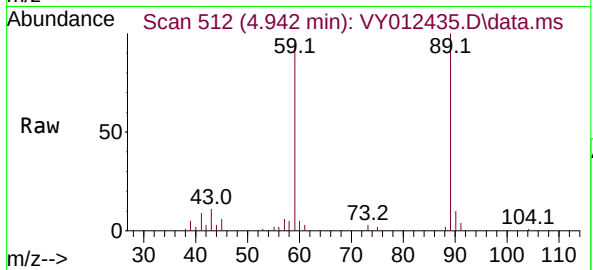




#11
Tert butyl alcohol
Concen: 190.112 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

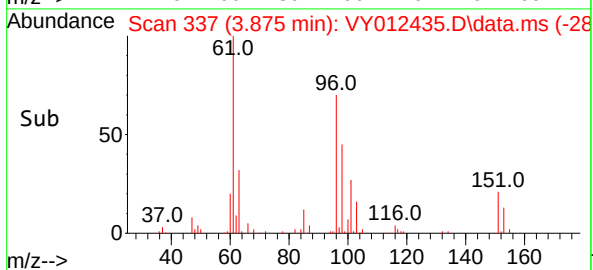
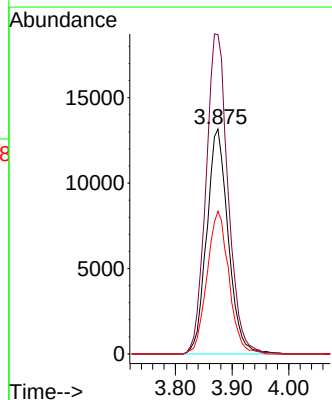
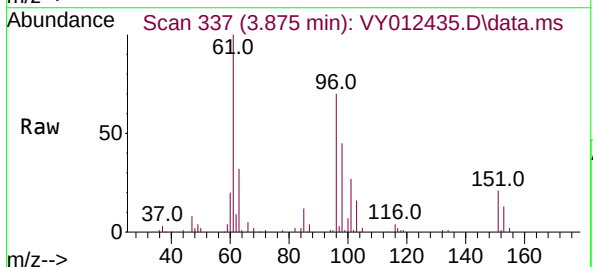
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

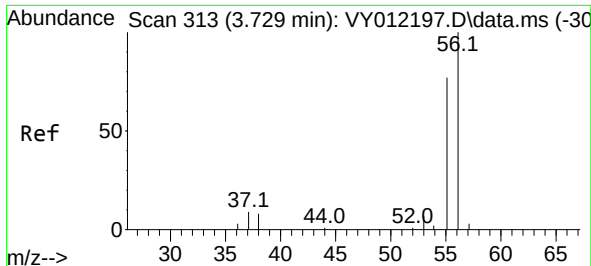
Tgt Ion: 59 Resp: 34220
Ion Ratio Lower Upper
59 100
57 5.7 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 20.961 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 96 Resp: 34691
Ion Ratio Lower Upper
96 100
61 141.9 122.0 183.0
98 63.4 48.6 73.0





#13

Acrolein

Concen: 102.799 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

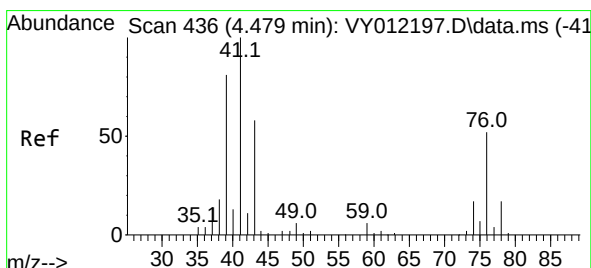
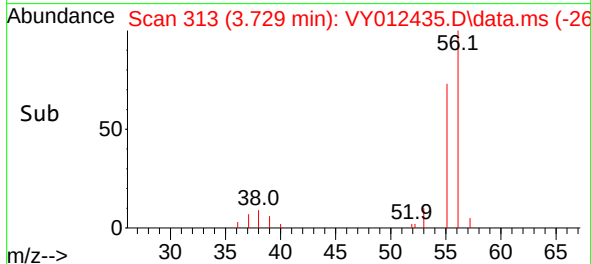
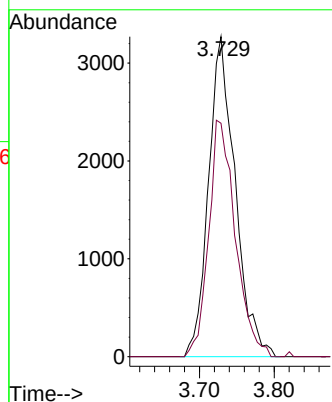
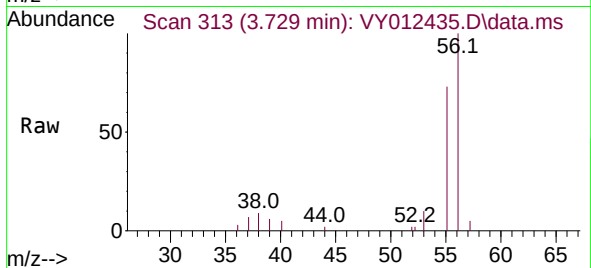
VY0201SBS01

Tgt Ion: 56 Resp: 8110

Ion Ratio Lower Upper

56 100

55 73.8 56.6 85.0



#14

Allyl chloride

Concen: 20.378 ug/l

RT: 4.479 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

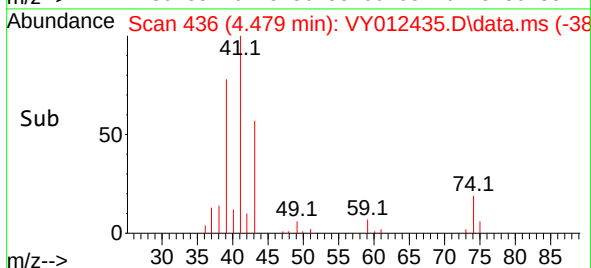
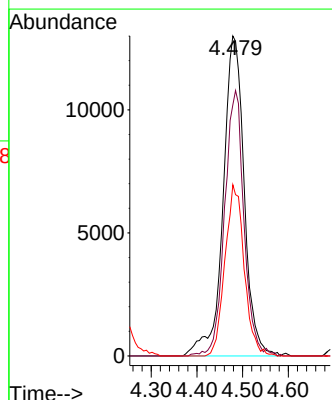
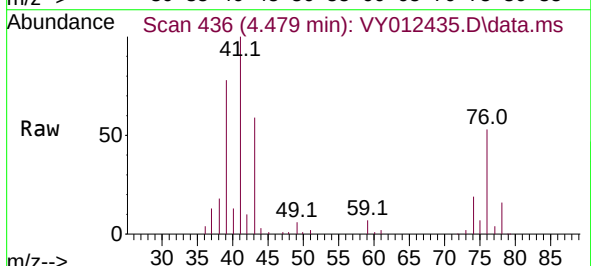
Tgt Ion: 41 Resp: 41700

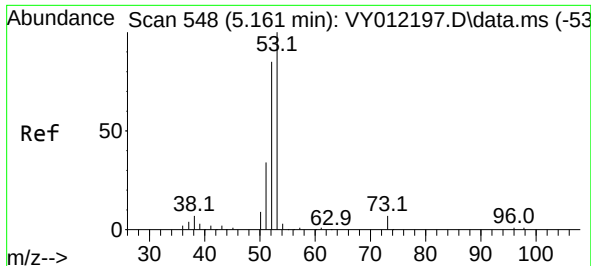
Ion Ratio Lower Upper

41 100

39 76.2 53.5 80.3

76 48.8 31.1 46.7#

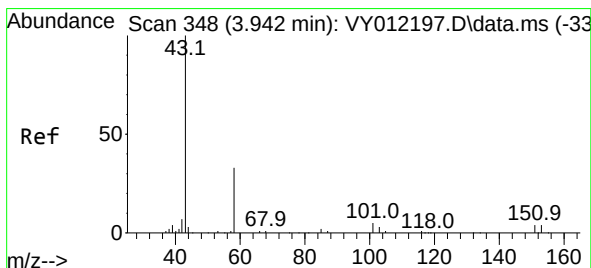
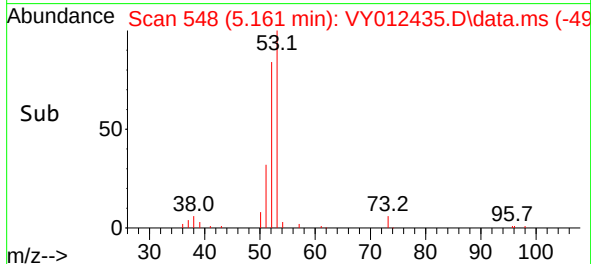
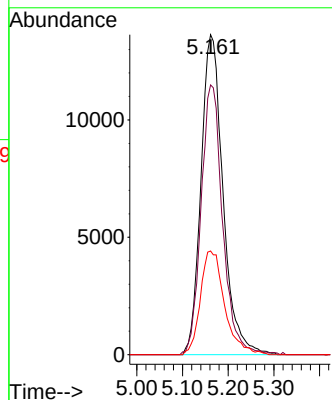
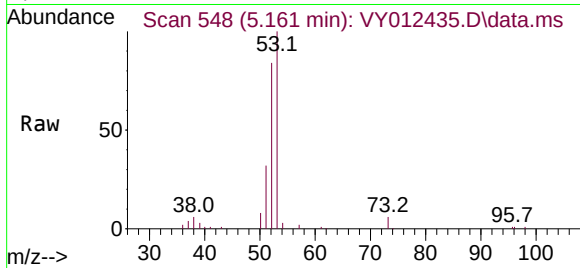




#15
Acrylonitrile
Concen: 106.099 ug/l
RT: 5.161 min Scan# 548
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

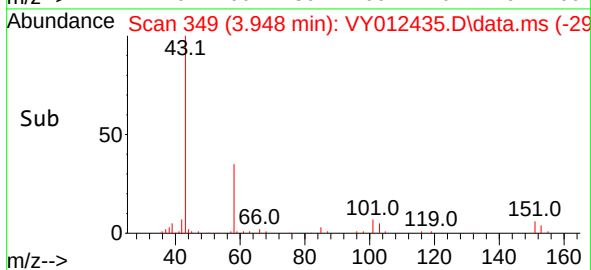
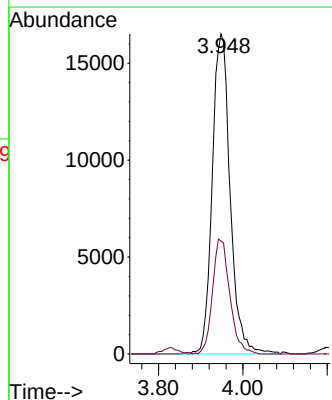
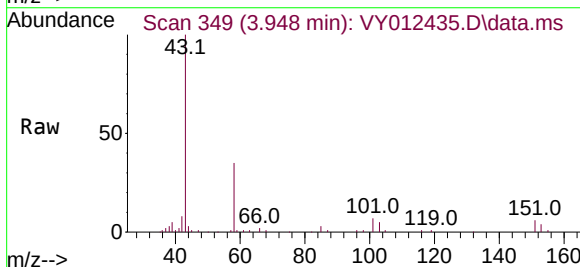
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

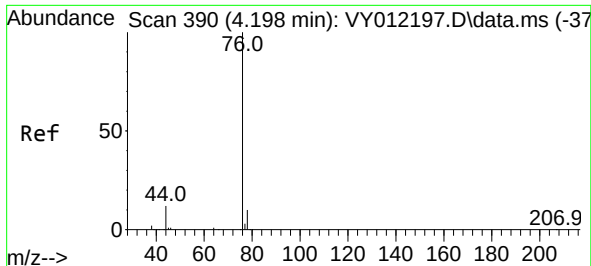
Tgt Ion:	53	Resp:	45669
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.1	97.7
51	35.7	28.7	43.1



#16
Acetone
Concen: 97.013 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:	43	Resp:	48678
Ion	Ratio	Lower	Upper
43	100		
58	35.3	27.9	41.9

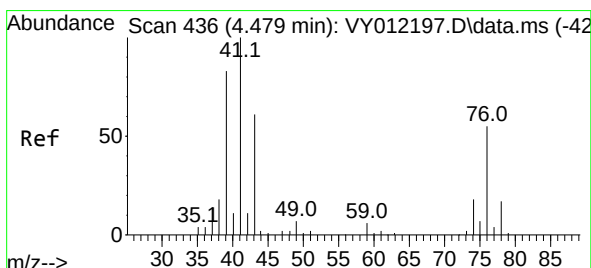
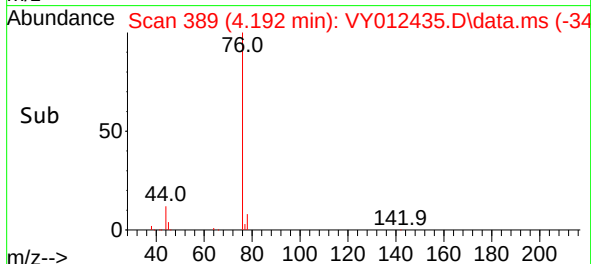
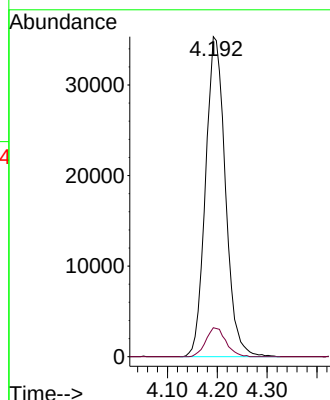
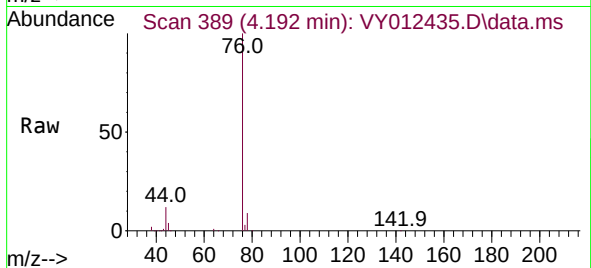




#17
Carbon Disulfide
Concen: 19.117 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

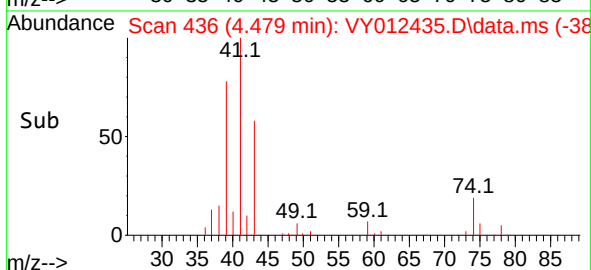
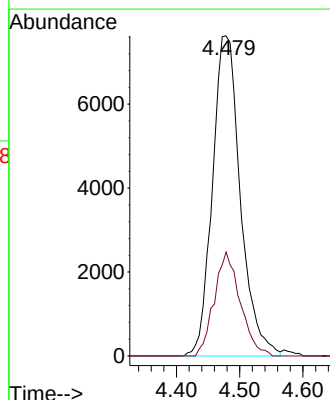
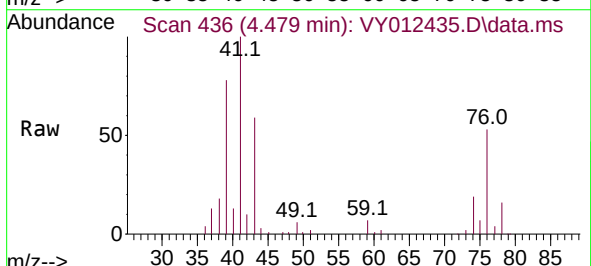
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

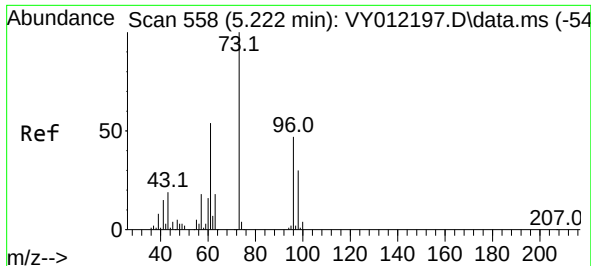
Tgt Ion: 76 Resp: 97860
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 20.845 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 43 Resp: 23404
Ion Ratio Lower Upper
43 100
74 30.1 20.1 30.1

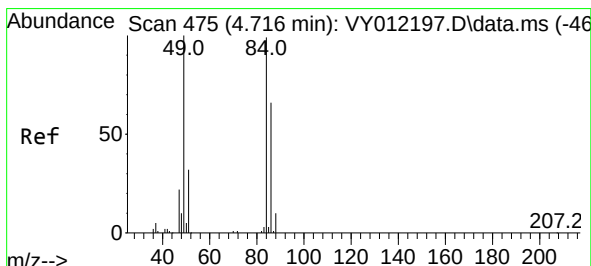
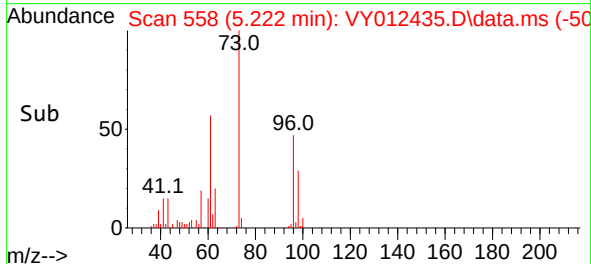
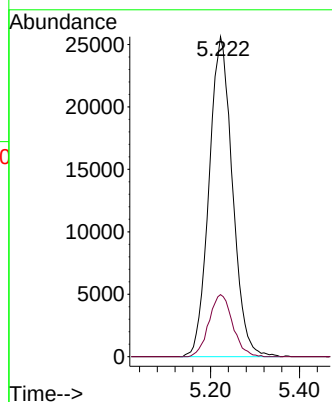
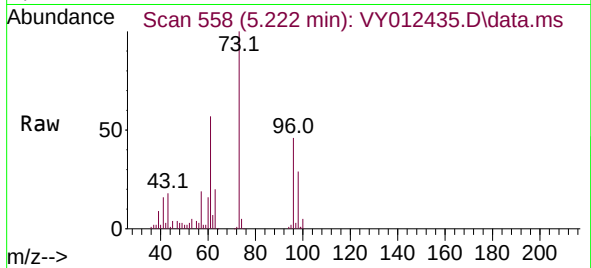




#19
Methyl tert-butyl Ether
Concen: 20.302 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

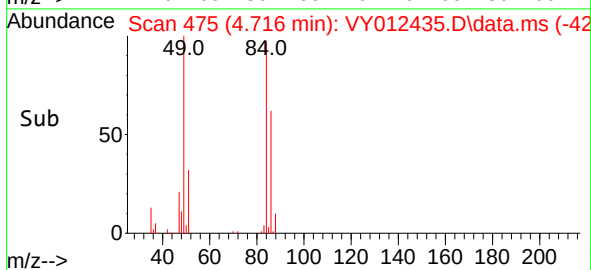
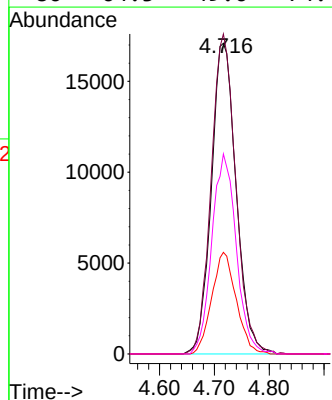
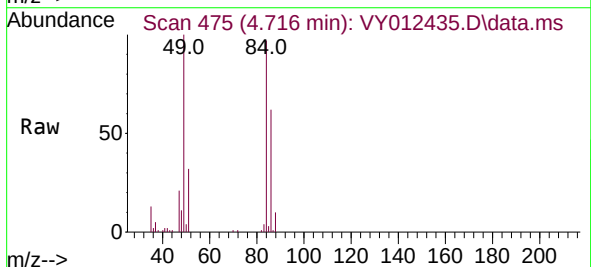
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

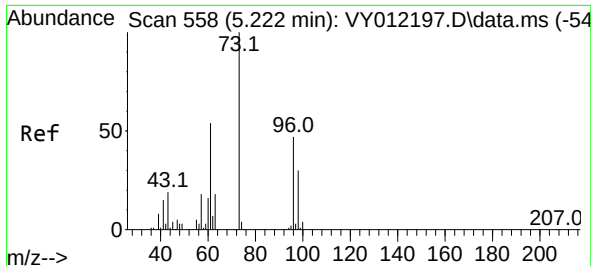
Tgt Ion: 73 Resp: 93665
Ion Ratio Lower Upper
73 100
57 19.4 17.4 26.0



#20
Methylene Chloride
Concen: 20.962 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 84 Resp: 53735
Ion Ratio Lower Upper
84 100
49 103.0 95.4 143.2
51 32.7 29.9 44.9
86 64.3 49.6 74.4

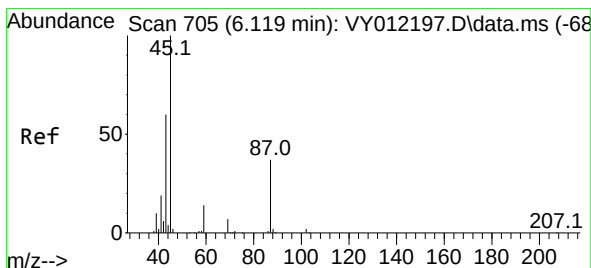
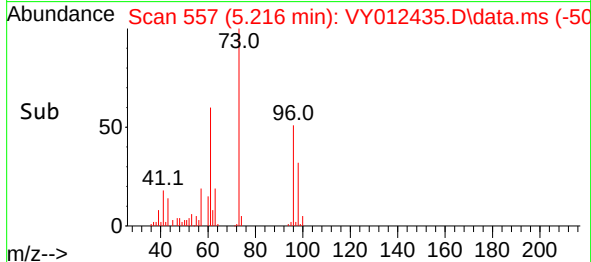
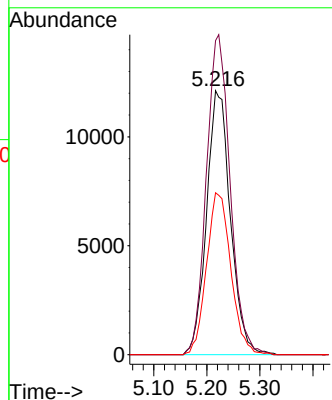
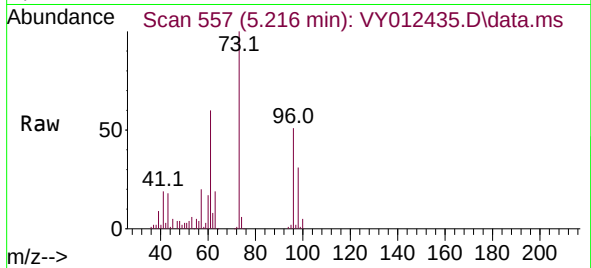




#21
trans-1,2-Dichloroethene
Concen: 20.570 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

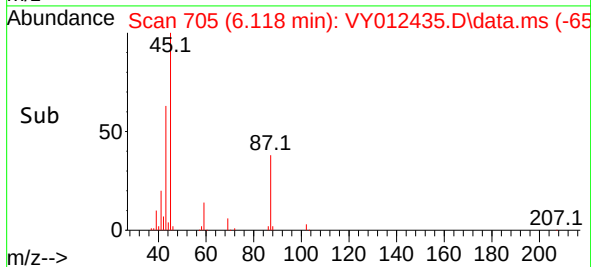
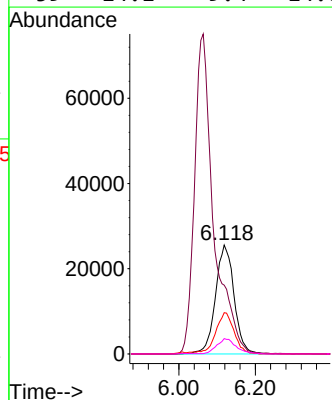
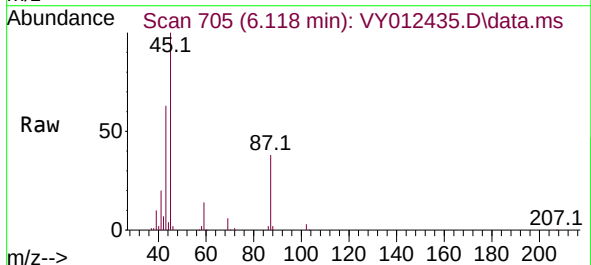
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

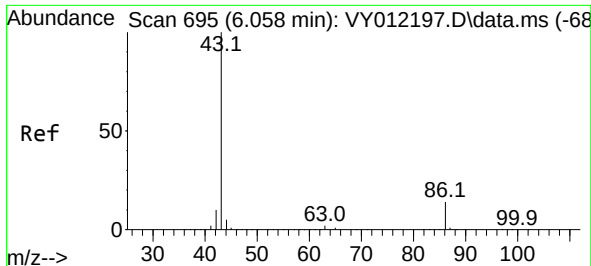
Tgt Ion: 96 Resp: 37989
Ion Ratio Lower Upper
96 100
61 119.0 108.0 162.0
98 61.4 51.6 77.4



#22
Diisopropyl ether
Concen: 21.207 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.001 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 45 Resp: 86516
Ion Ratio Lower Upper
45 100
43 62.5 45.0 67.4
87 37.8 22.6 33.8#
59 14.1 9.4 14.0#

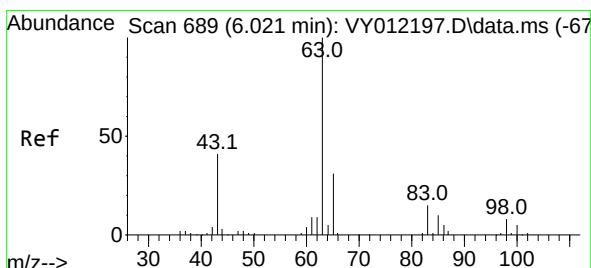
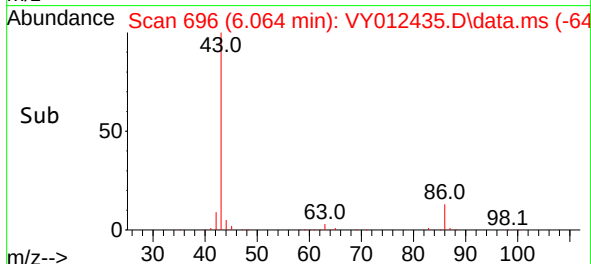
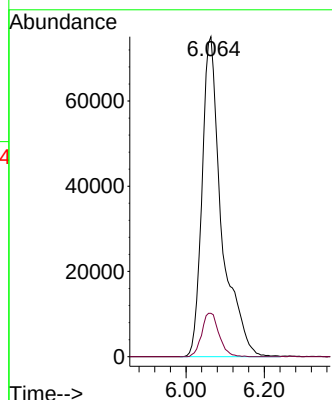
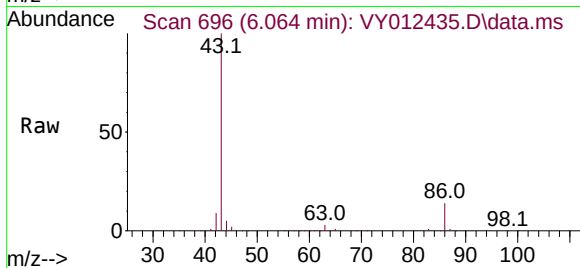




#23
 Vinyl Acetate
 Concen: 102.295 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

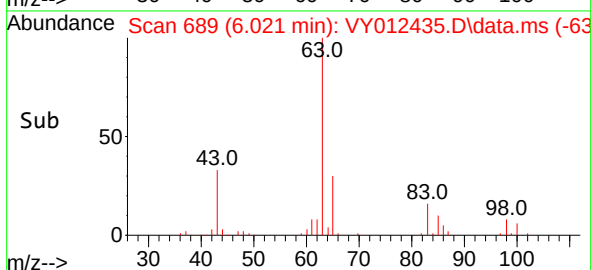
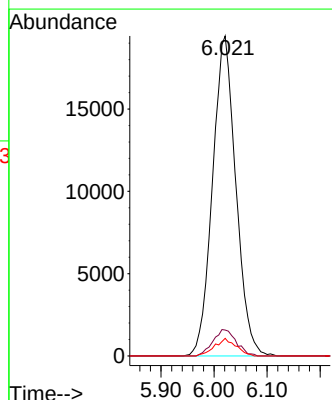
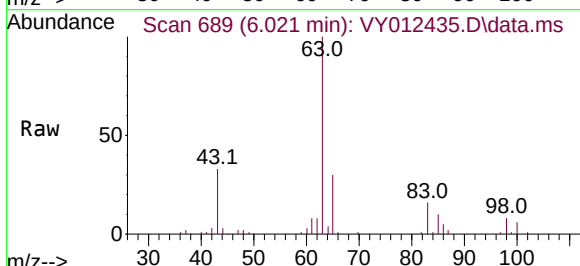
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

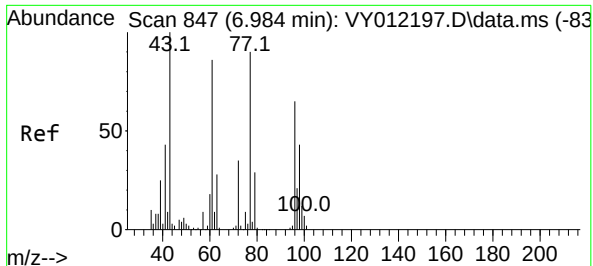
Tgt Ion: 43 Resp: 260053
 Ion Ratio Lower Upper
 43 100
 86 13.5 9.0 13.4#



#24
 1,1-Dichloroethane
 Concen: 21.008 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

Tgt Ion: 63 Resp: 59448
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.5 10.5
 100 5.5 2.2 6.6

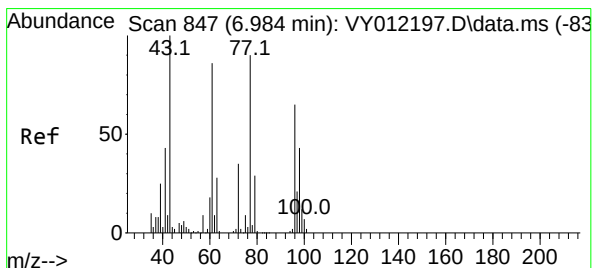
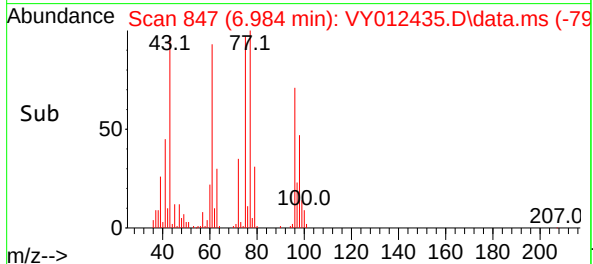
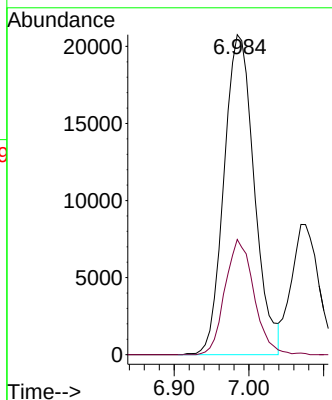
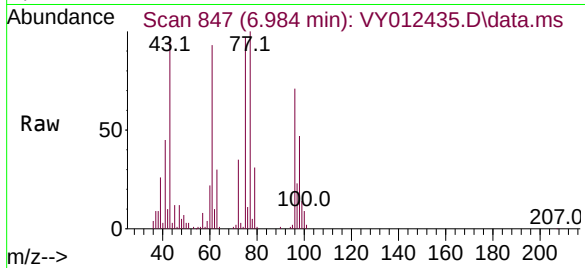




#25
2-Butanone
Concen: 105.677 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

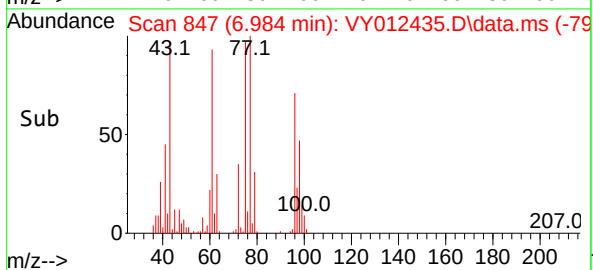
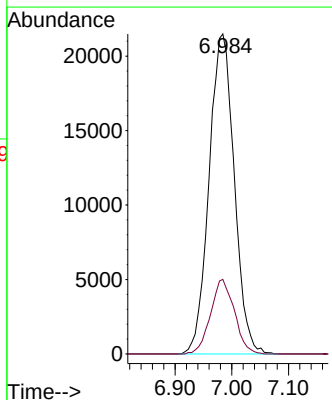
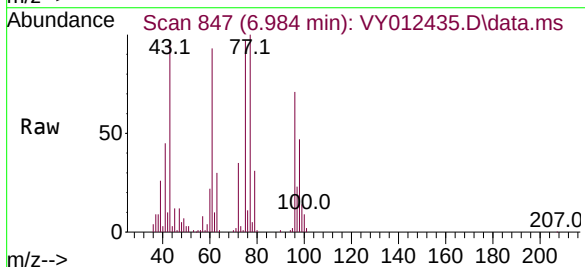
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

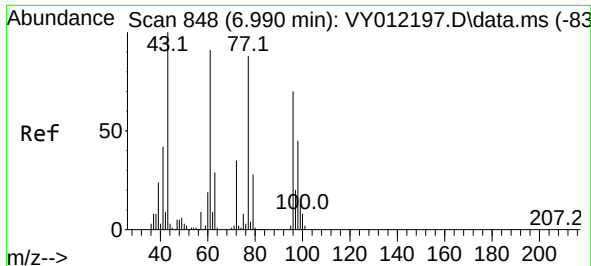
Tgt Ion: 43 Resp: 58539
Ion Ratio Lower Upper
43 100
72 36.0 22.6 34.0#



#26
2,2-Dichloropropane
Concen: 21.571 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 77 Resp: 66264
Ion Ratio Lower Upper
77 100
97 22.1 11.4 34.1

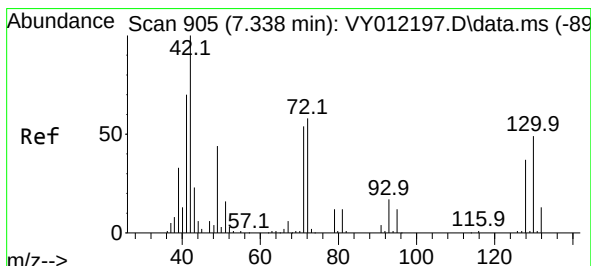
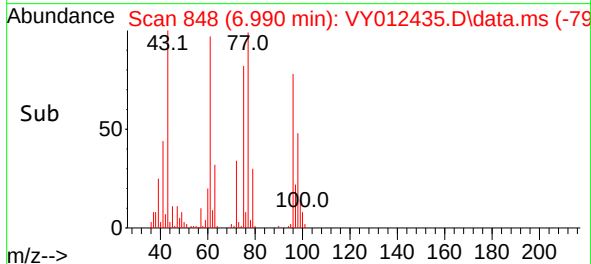
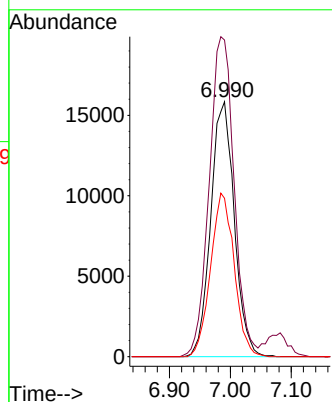
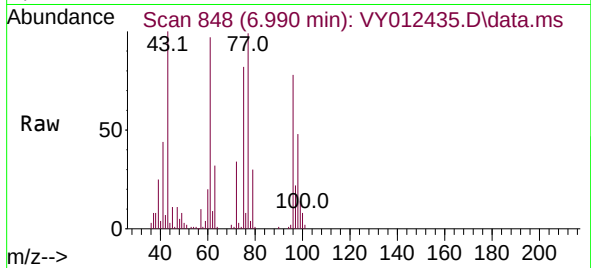




#27
 cis-1,2-Dichloroethene
 Concen: 20.995 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. 0.006 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

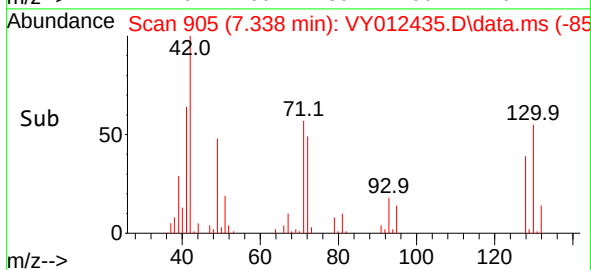
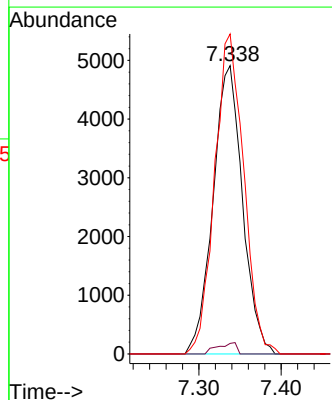
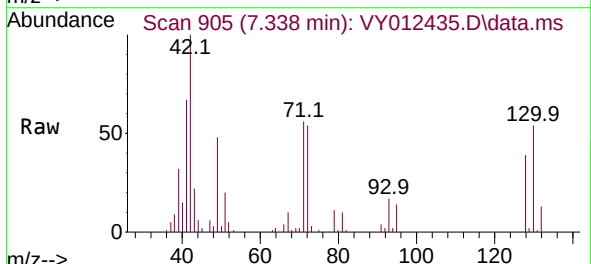
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

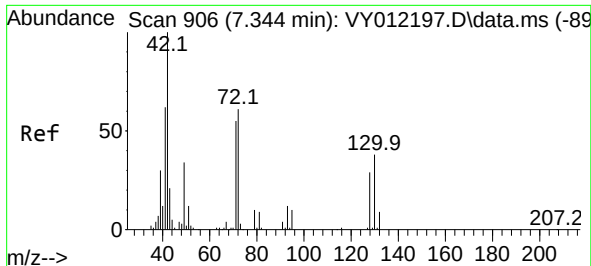
Tgt Ion: 96 Resp: 42591
 Ion Ratio Lower Upper
 96 100
 61 132.6 0.0 283.4
 98 64.4 0.0 127.6



#28
 Bromochloromethane
 Concen: 19.812 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

Tgt Ion: 49 Resp: 12244
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 109.1 66.7 100.1#





#29

Tetrahydrofuran

Concen: 103.738 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

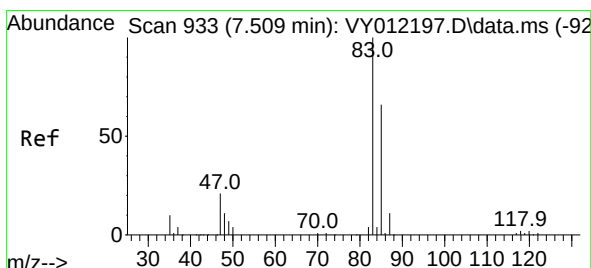
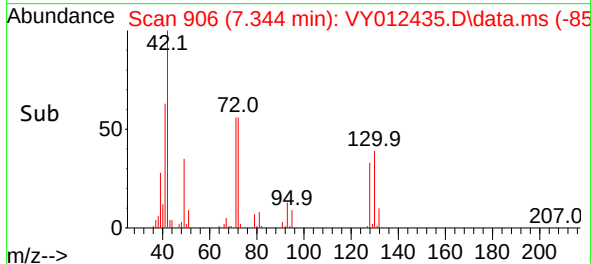
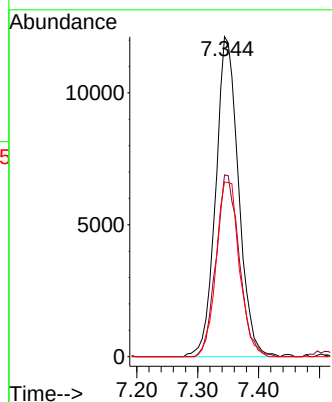
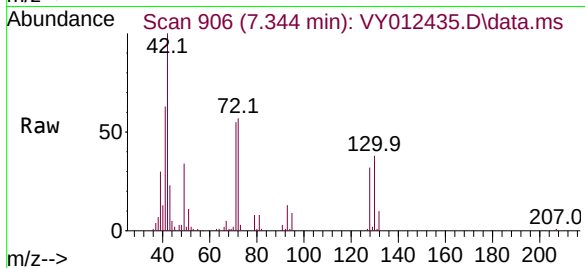
Tgt Ion: 42 Resp: 31565

Ion Ratio Lower Upper

42 100

72 57.4 37.0 55.6#

71 56.0 34.9 52.3#



#30

Chloroform

Concen: 20.515 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.005 min

Lab File: VY012435.D

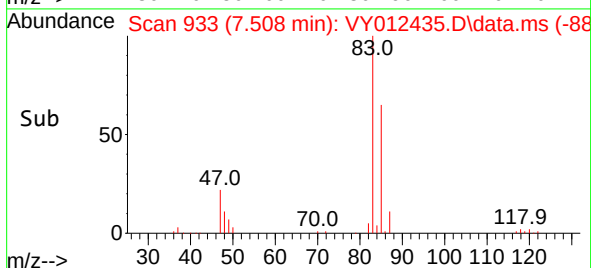
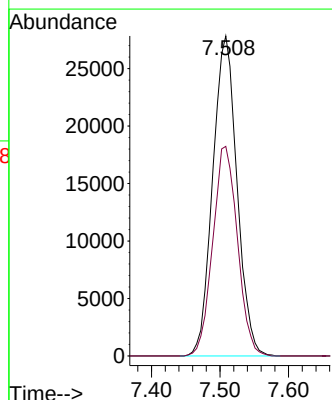
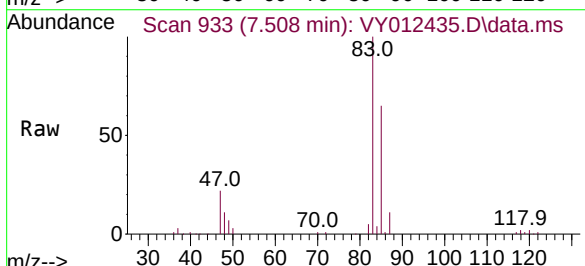
Acq: 01 Feb 2023 12:19

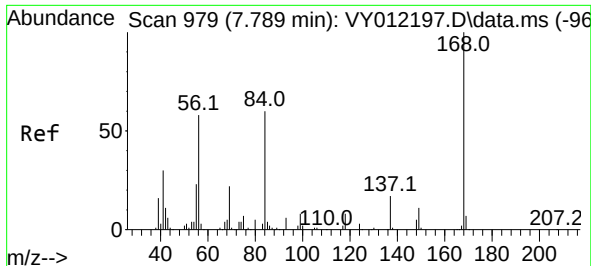
Tgt Ion: 83 Resp: 68527

Ion Ratio Lower Upper

83 100

85 65.5 51.5 77.3

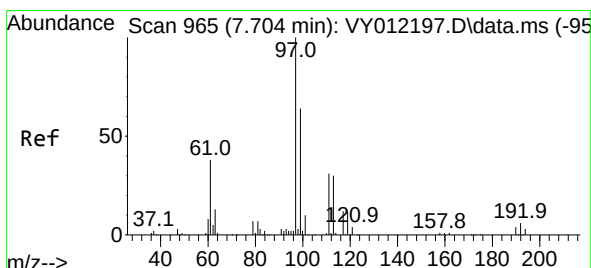
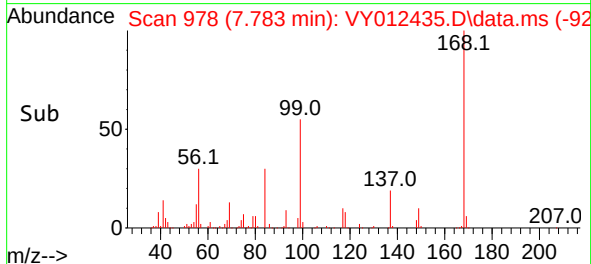
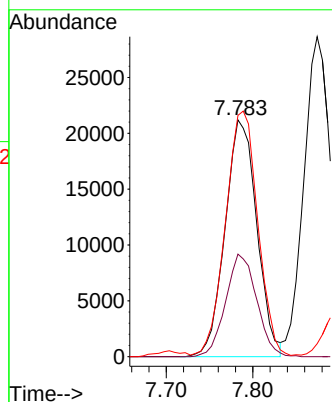
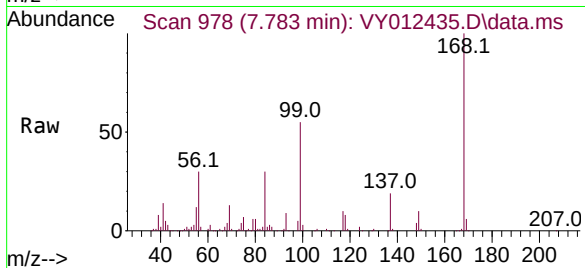




#31
Cyclohexane
Concen: 20.581 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

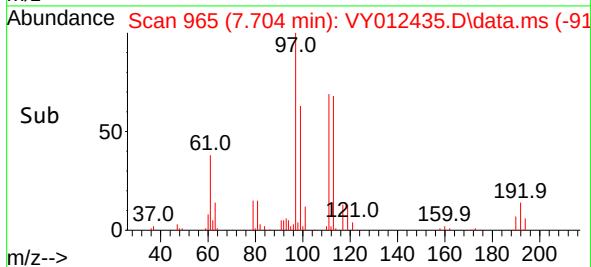
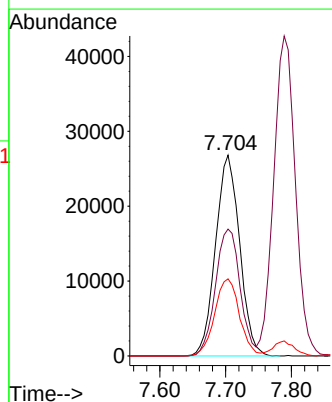
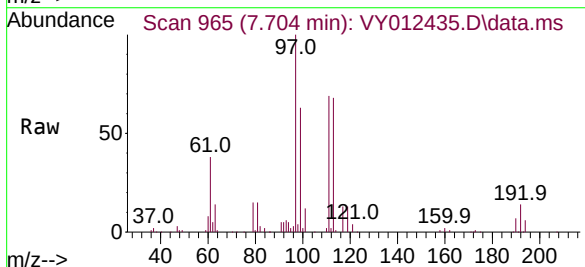
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

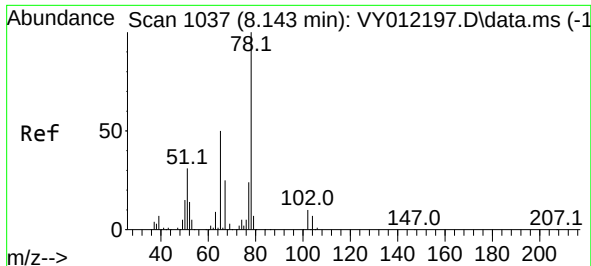
Tgt Ion: 56 Resp: 54071
Ion Ratio Lower Upper
56 100
69 43.3 29.2 43.8
84 100.5 72.6 108.8



#32
1,1,1-Trichloroethane
Concen: 20.679 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 97 Resp: 68384
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.5 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 46.563 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

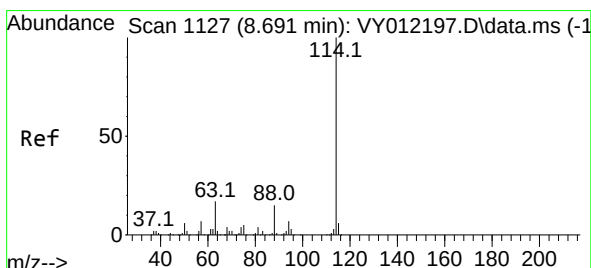
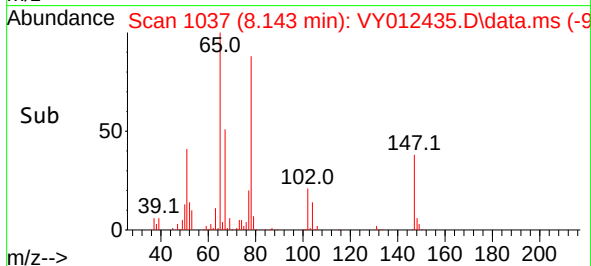
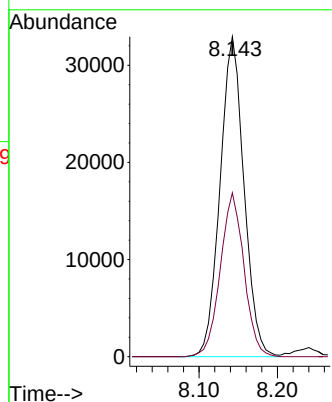
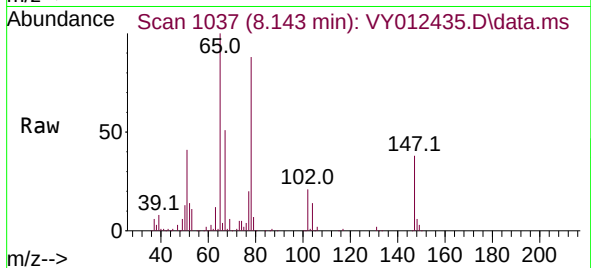
VY0201SBS01

Tgt Ion: 65 Resp: 69951

Ion Ratio Lower Upper

65 100

67 50.7 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

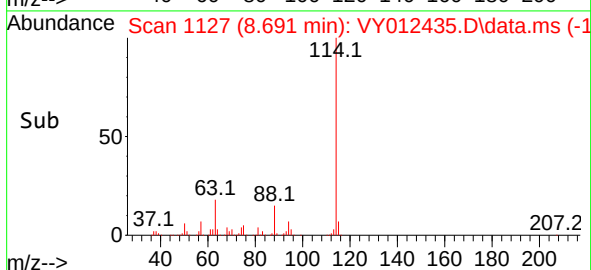
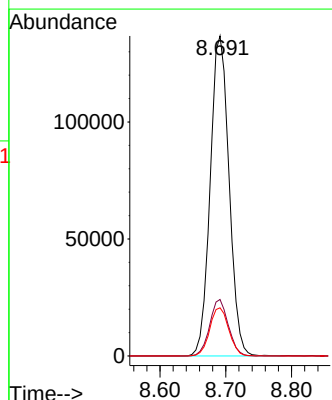
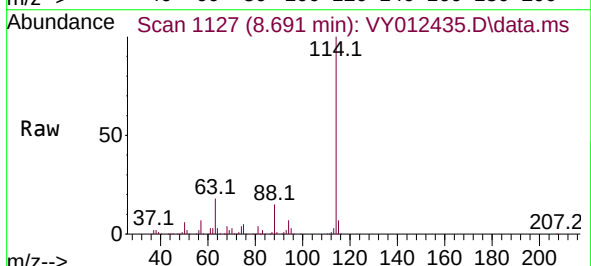
Tgt Ion: 114 Resp: 272530

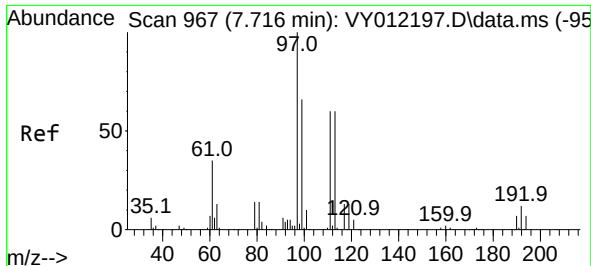
Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 15.1 0.0 32.2

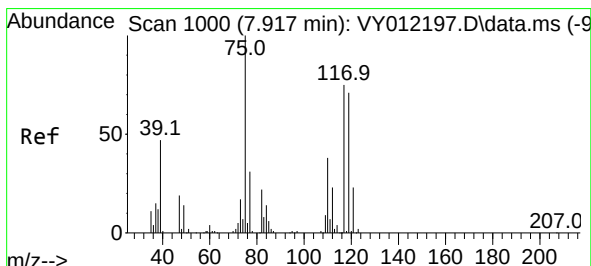
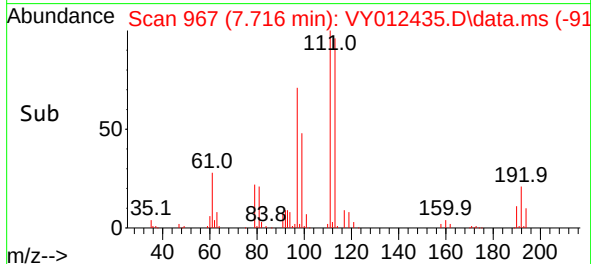
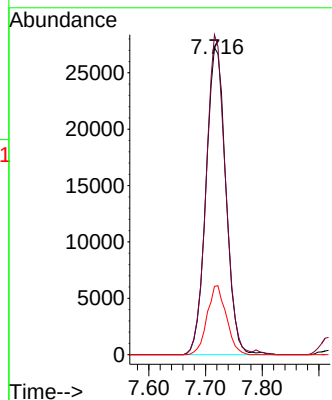
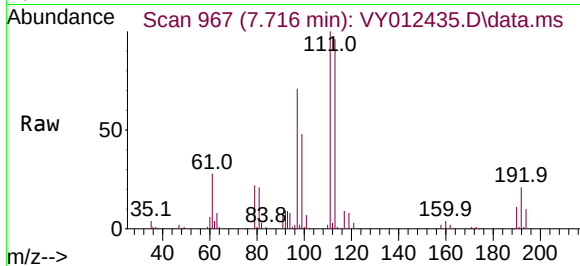




#35
Dibromofluoromethane
Concen: 45.975 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

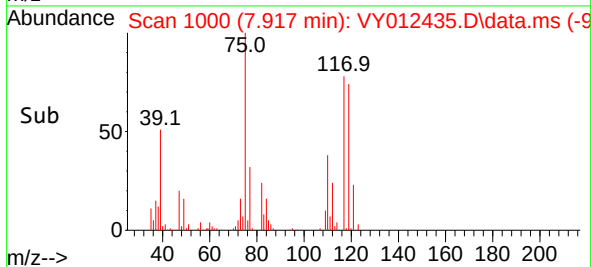
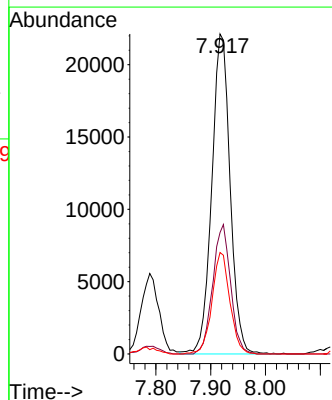
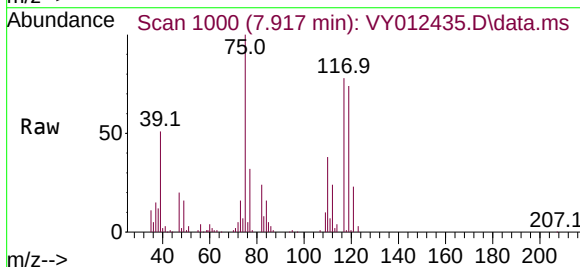
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

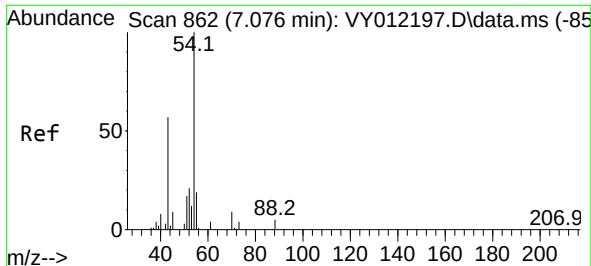
Tgt Ion:113 Resp: 66344
Ion Ratio Lower Upper
113 100
111 101.1 83.0 124.4
192 21.7 16.0 24.0



#36
1,1-Dichloropropene
Concen: 20.984 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 75 Resp: 51463
Ion Ratio Lower Upper
75 100
110 39.3 18.1 54.1
77 30.9 25.1 37.7

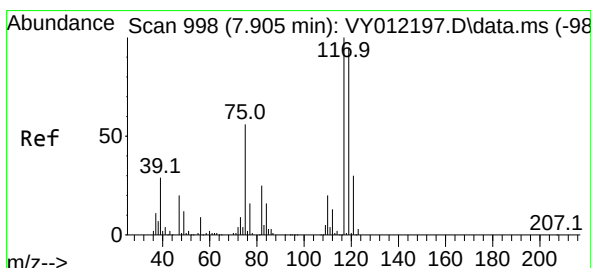
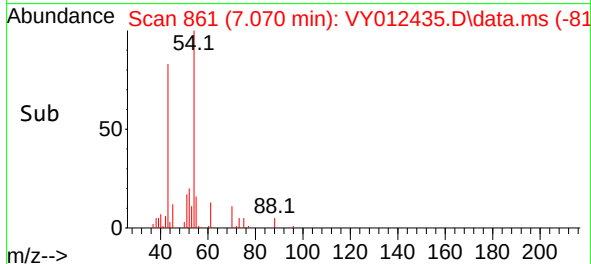
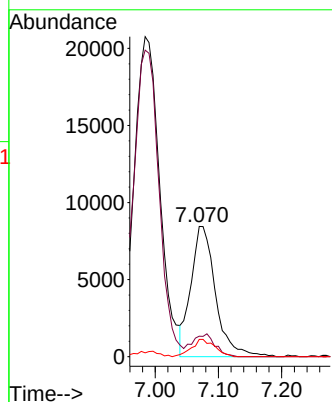
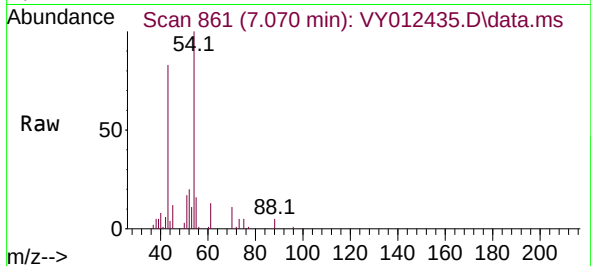




#37
Ethyl Acetate
Concen: 21.214 ug/l
RT: 7.070 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

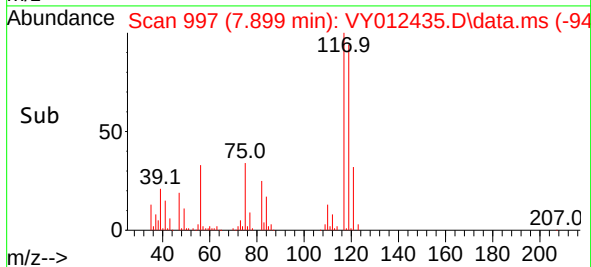
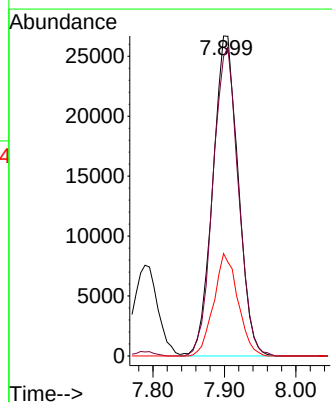
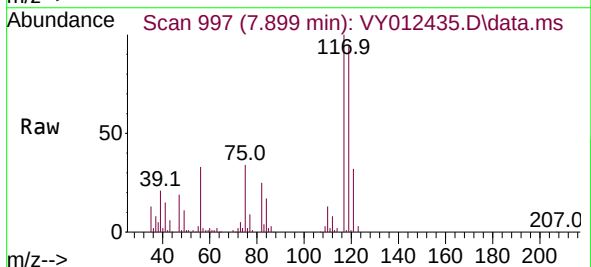
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

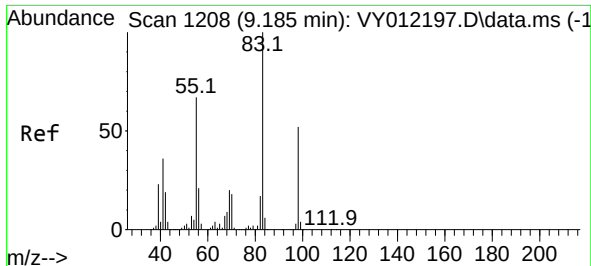
Tgt Ion: 43 Resp: 22936
Ion Ratio Lower Upper
43 100
61 16.0 11.3 16.9
70 12.5 8.2 12.4#



#38
Carbon Tetrachloride
Concen: 20.791 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 117 Resp: 65855
Ion Ratio Lower Upper
117 100
119 93.5 73.8 110.8
121 32.0 25.2 37.8





#39

Methylcyclohexane

Concen: 21.235 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

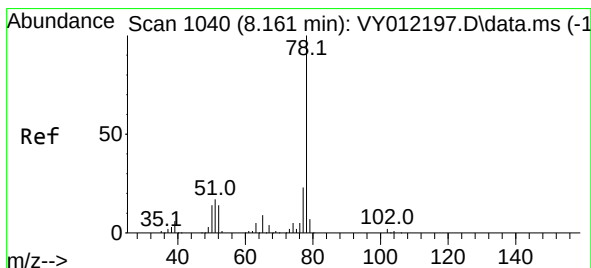
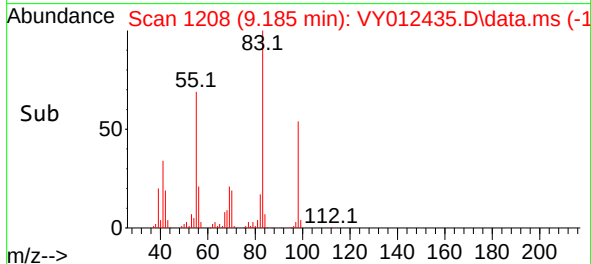
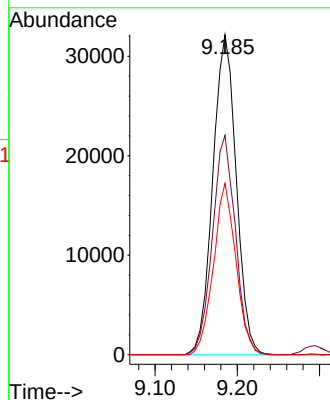
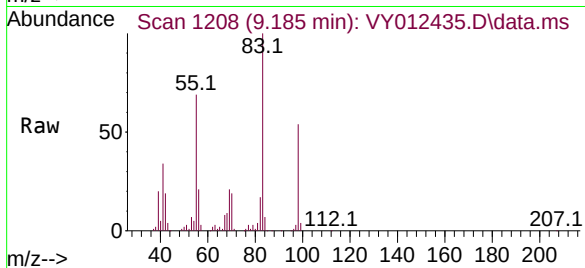
Tgt Ion: 83 Resp: 63643

Ion Ratio Lower Upper

83 100

55 68.5 58.2 87.2

98 53.5 38.6 58.0



#40

Benzene

Concen: 21.131 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY012435.D

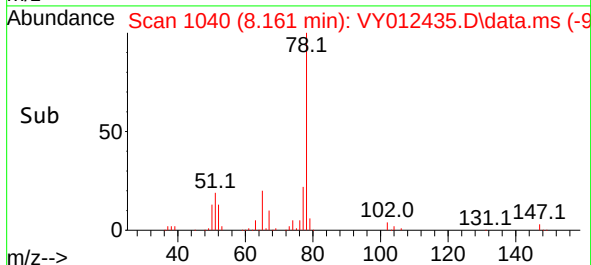
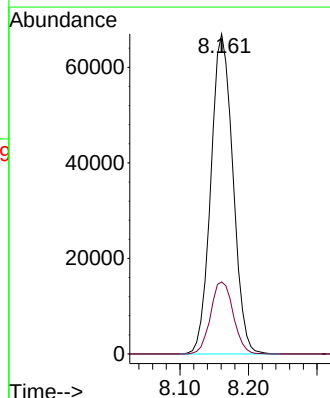
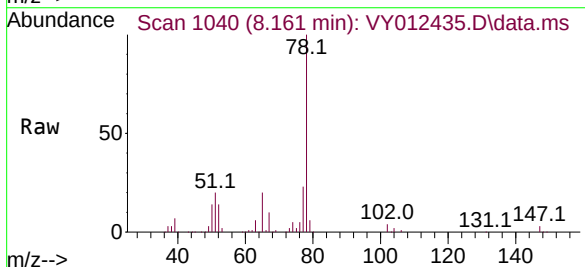
Acq: 01 Feb 2023 12:19

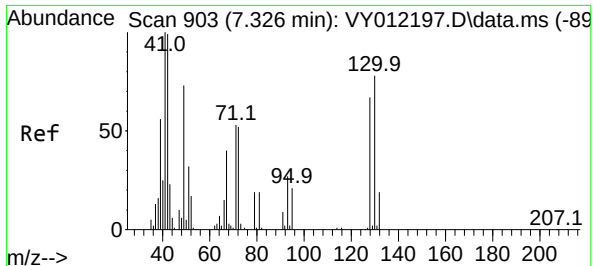
Tgt Ion: 78 Resp: 149573

Ion Ratio Lower Upper

78 100

77 22.5 18.6 27.8

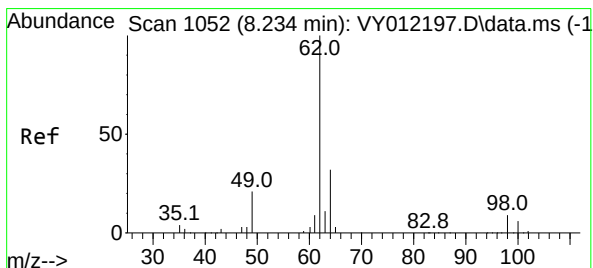
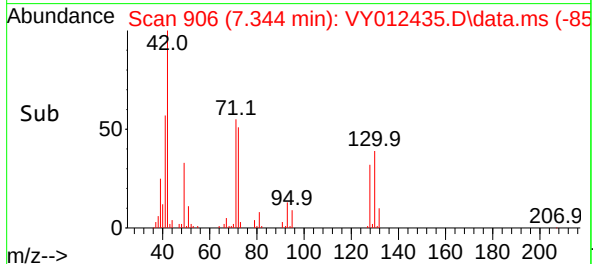
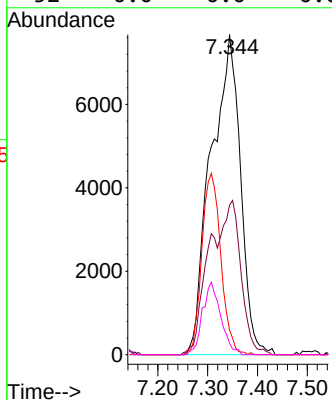
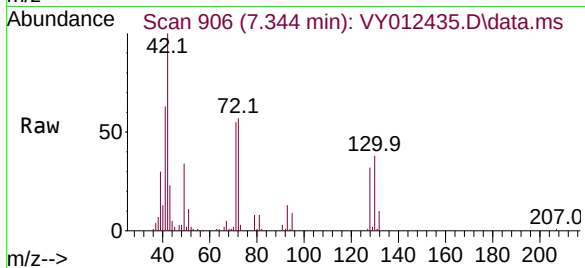




#41
Methacrylonitrile
Concen: 49.649 ug/l
RT: 7.344 min Scan# 903
Delta R.T. 0.018 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

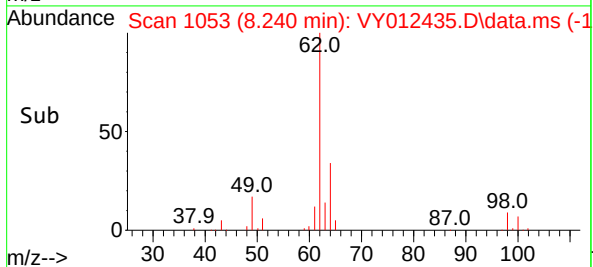
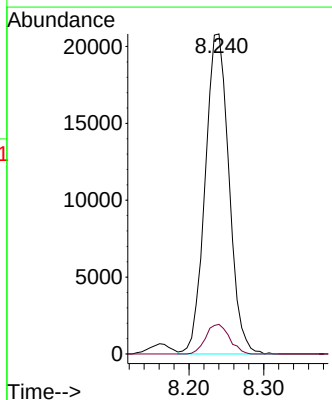
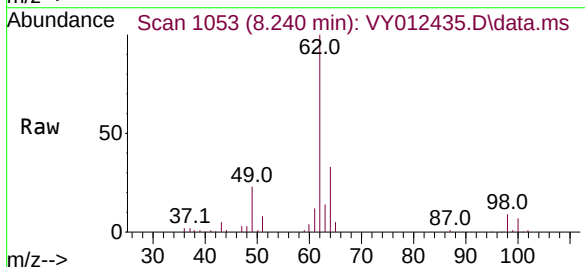
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

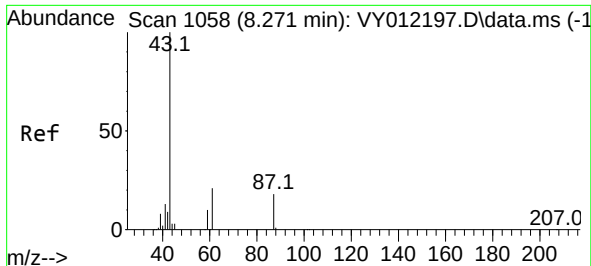
Tgt Ion: 41	Resp: 31552
Ion Ratio	Lower Upper
41 100	
39 28.4	0.0 0.0#
67 0.0	0.0 0.0
52 0.0	0.0 0.0



#42
1,2-Dichloroethane
Concen: 20.478 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 62	Resp: 46147
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 19.6





#43

Isopropyl Acetate

Concen: 20.808 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

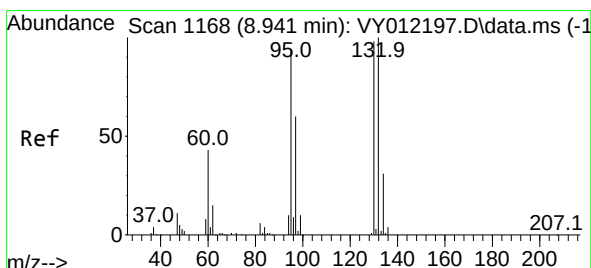
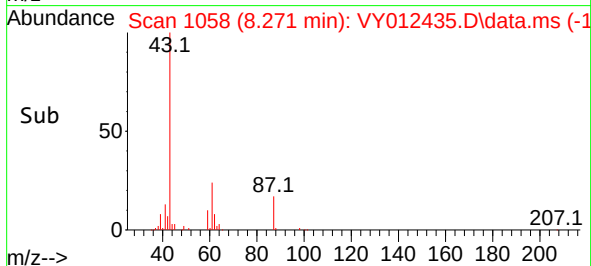
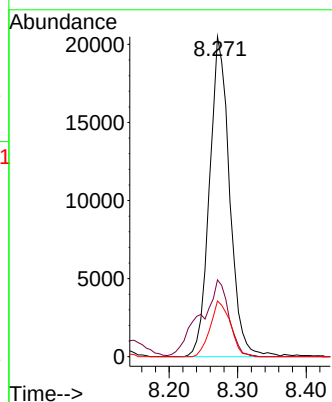
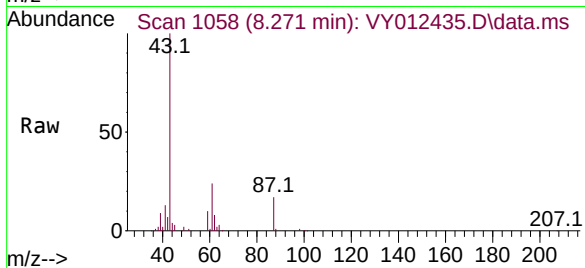
Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

Tgt Ion: 43	Resp: 41854
Ion Ratio	Lower Upper
43	100
61	33.9 24.4 36.6
87	17.6 11.4 17.2#



#44

Trichloroethene

Concen: 20.840 ug/l

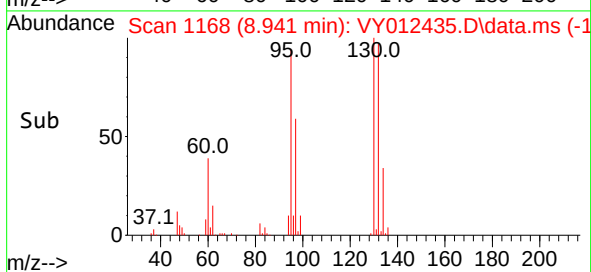
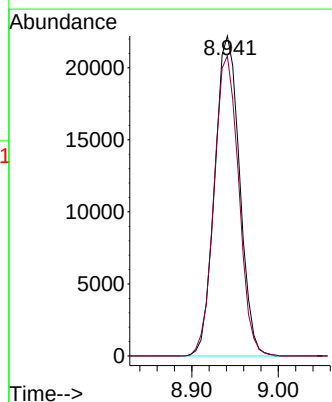
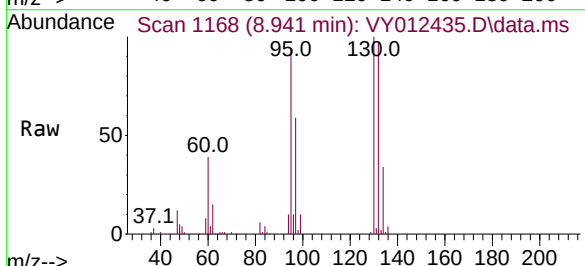
RT: 8.941 min Scan# 1168

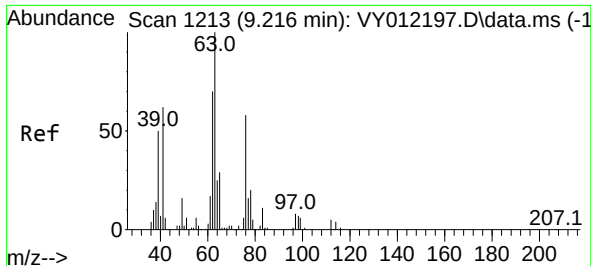
Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Tgt Ion: 130	Resp: 44092
Ion Ratio	Lower Upper
130	100
95	93.8 0.0 190.6





#45

1,2-Dichloropropane

Concen: 21.526 ug/l

RT: 9.215 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

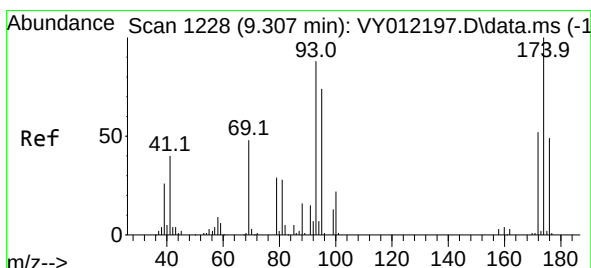
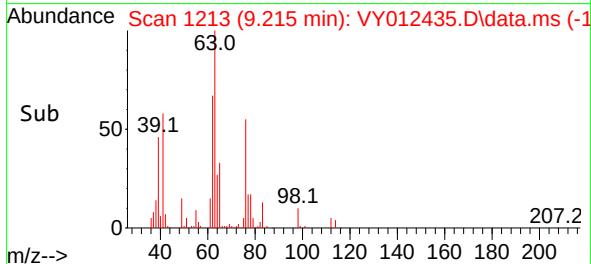
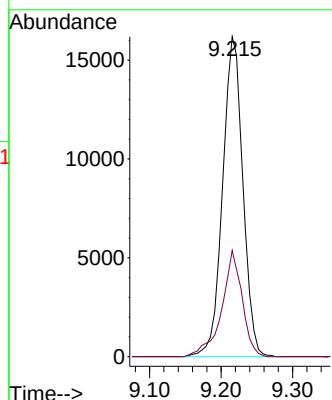
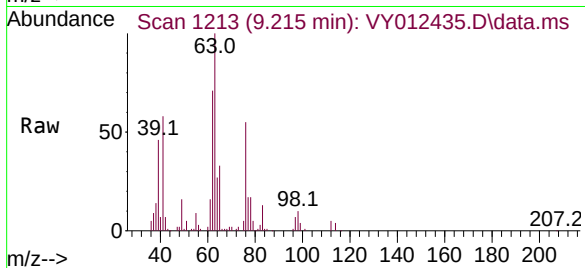
VY0201SBS01

Tgt Ion: 63 Resp: 31794

Ion Ratio Lower Upper

63 100

65 33.2 24.9 37.3



#46

Dibromomethane

Concen: 21.091 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

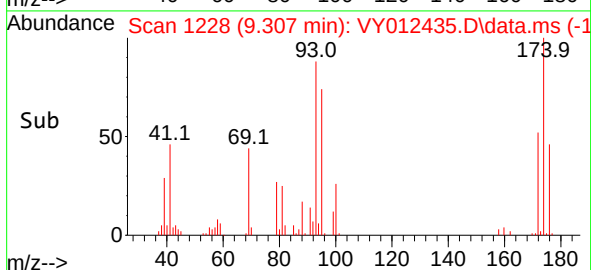
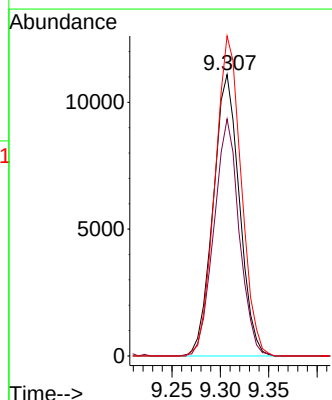
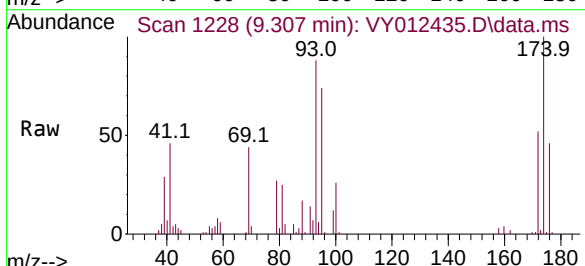
Tgt Ion: 93 Resp: 20855

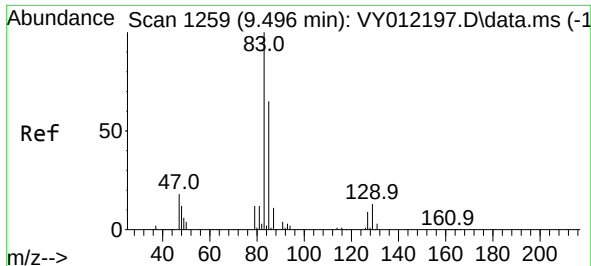
Ion Ratio Lower Upper

93 100

95 81.2 66.1 99.1

174 113.7 84.7 127.1





#47

Bromodichloromethane

Concen: 20.977 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

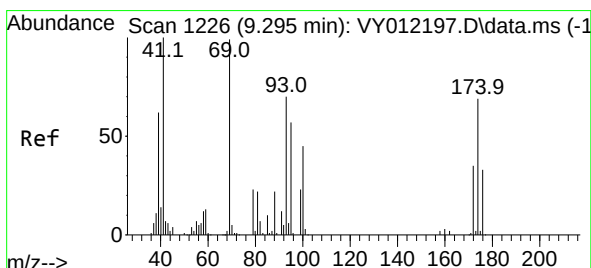
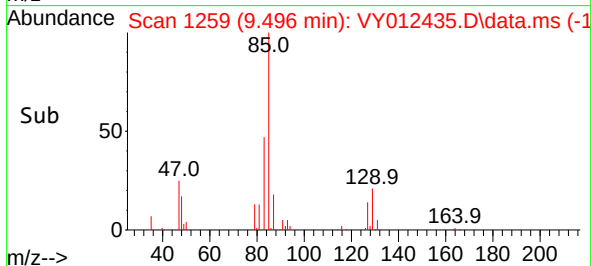
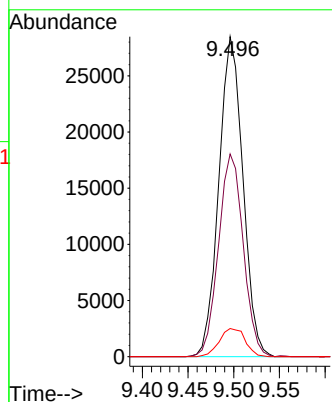
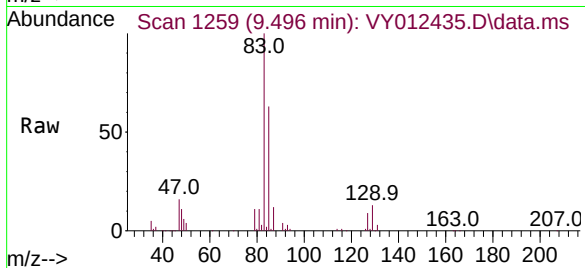
Tgt Ion: 83 Resp: 52213

Ion Ratio Lower Upper

83 100

85 63.4 52.0 78.0

127 8.8 7.3 10.9



#48

Methyl methacrylate

Concen: 20.751 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

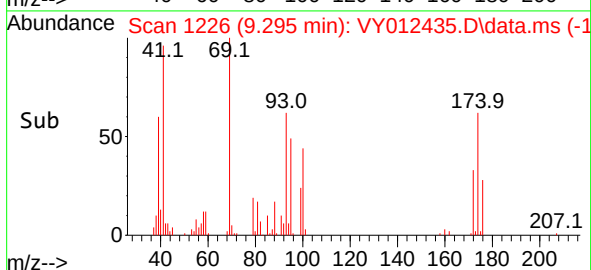
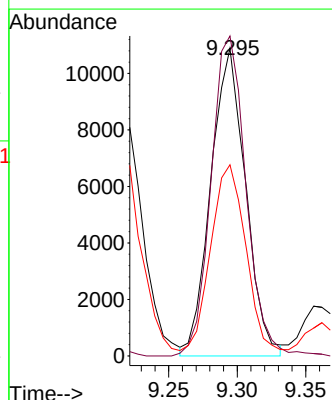
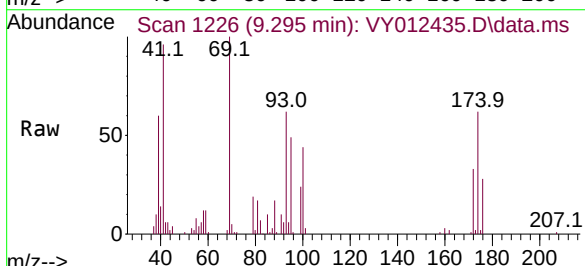
Tgt Ion: 41 Resp: 19232

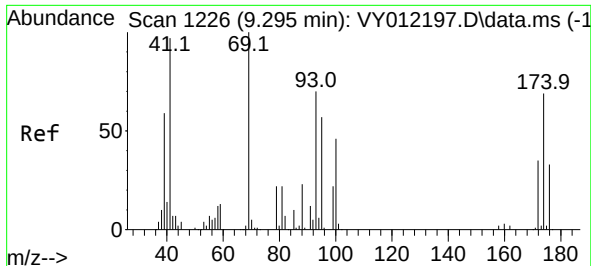
Ion Ratio Lower Upper

41 100

69 104.5 74.2 111.2

39 60.7 46.3 69.5





#49

1,4-Dioxane

Concen: 411.177 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

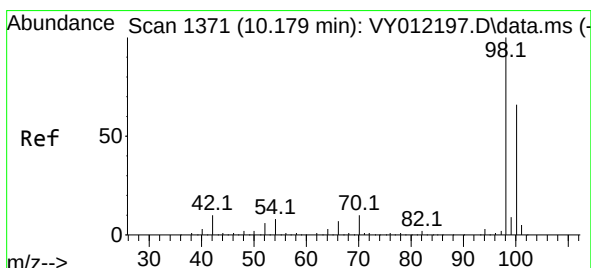
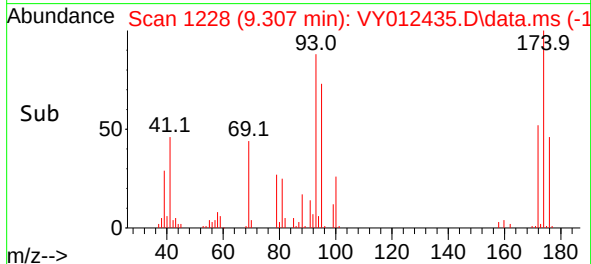
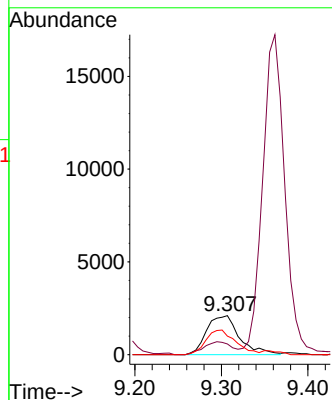
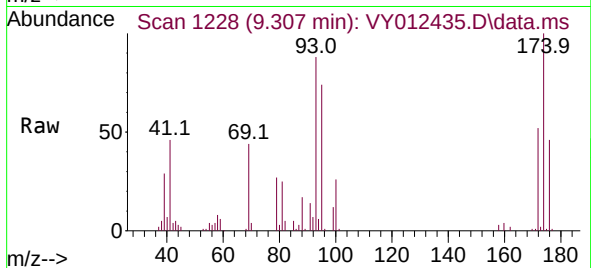
Tgt Ion: 88 Resp: 5540

Ion Ratio Lower Upper

88 100

43 28.1 26.2 39.2

58 57.5 54.3 81.5



#50

Toluene-d8

Concen: 46.695 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012435.D

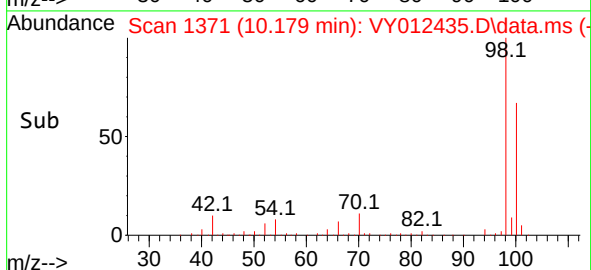
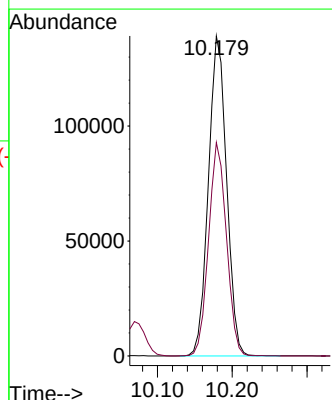
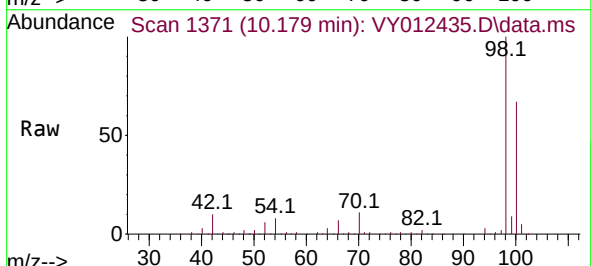
Acq: 01 Feb 2023 12:19

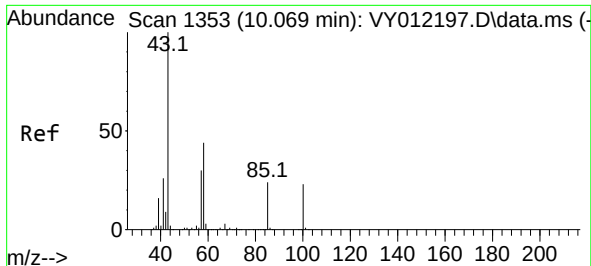
Tgt Ion: 98 Resp: 234900

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9

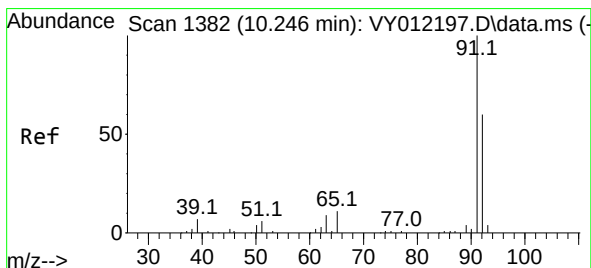
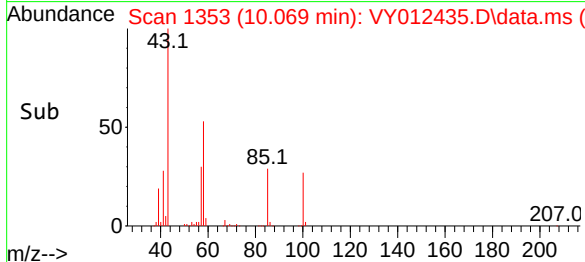
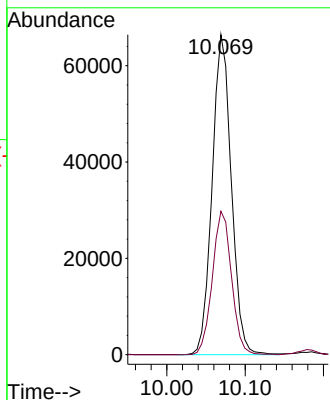
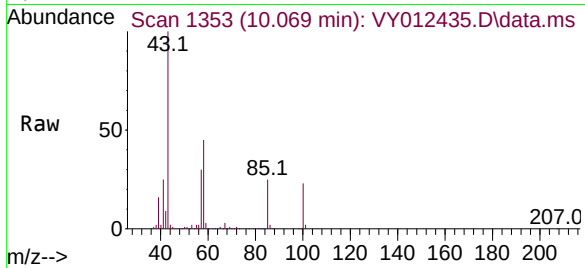




#51
4-Methyl-2-Pentanone
Concen: 105.455 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

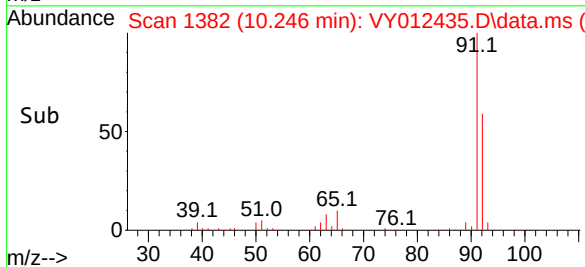
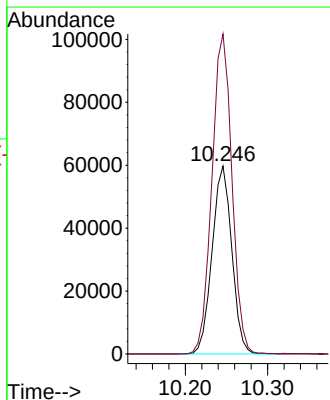
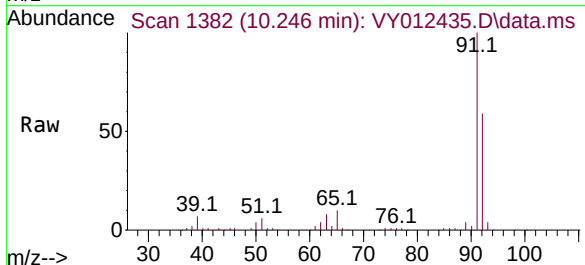
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

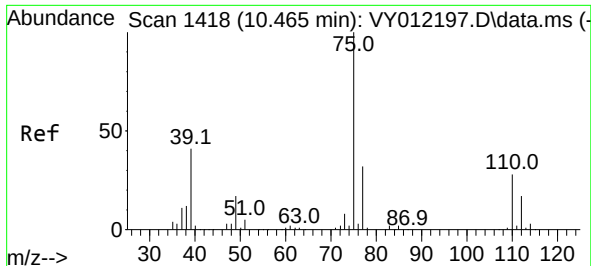
Tgt Ion: 43 Resp: 113109
Ion Ratio Lower Upper
43 100
58 44.8 32.9 49.3



#52
Toluene
Concen: 21.082 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 92 Resp: 99362
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0

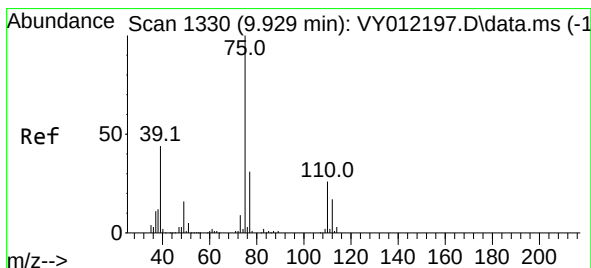
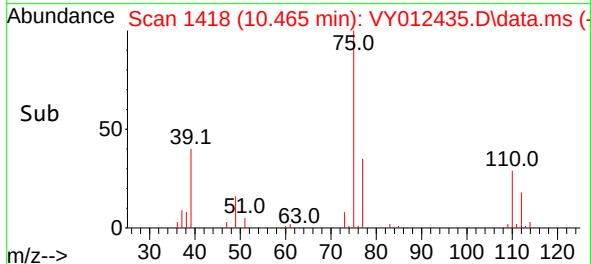
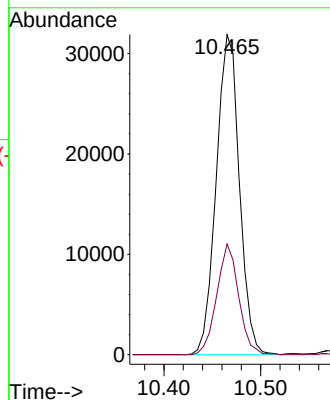
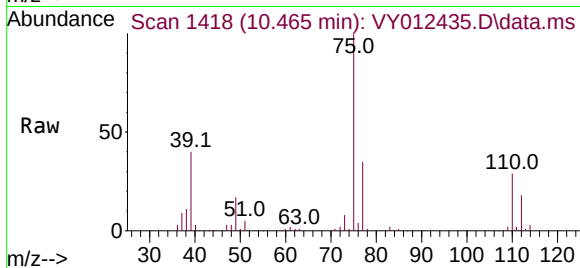




#53
t-1,3-Dichloropropene
Concen: 20.326 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

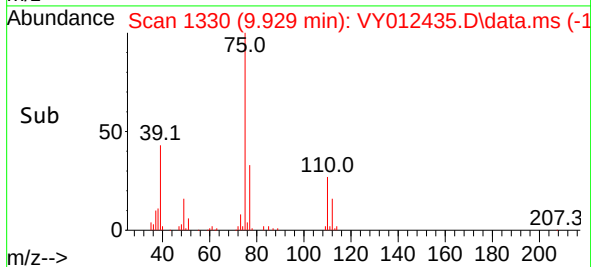
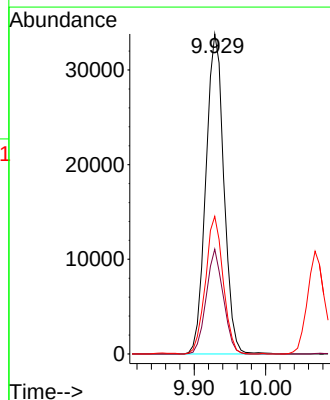
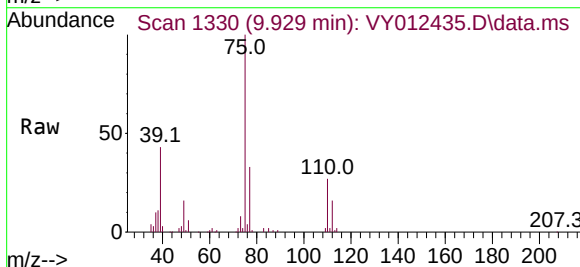
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

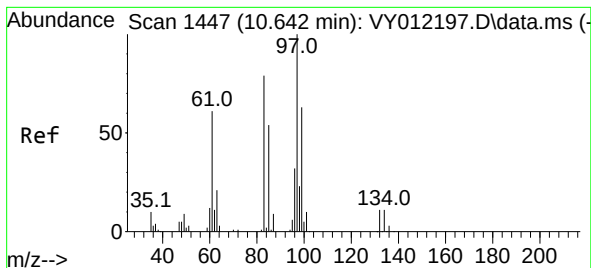
Tgt Ion: 75 Resp: 52920
Ion Ratio Lower Upper
75 100
77 34.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 21.067 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 75 Resp: 59067
Ion Ratio Lower Upper
75 100
77 32.7 25.9 38.9
39 43.0 34.6 52.0





#55

1,1,2-Trichloroethane

Concen: 21.551 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

Tgt Ion: 97 Resp: 30276

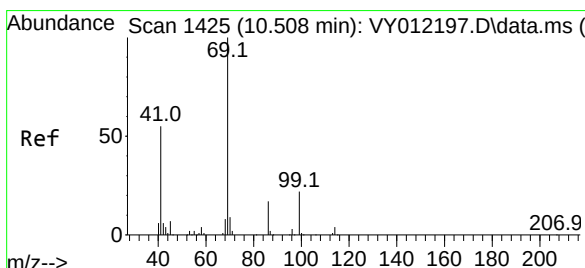
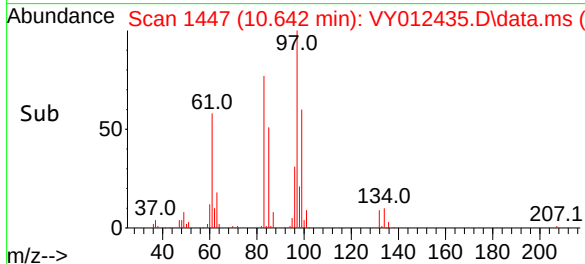
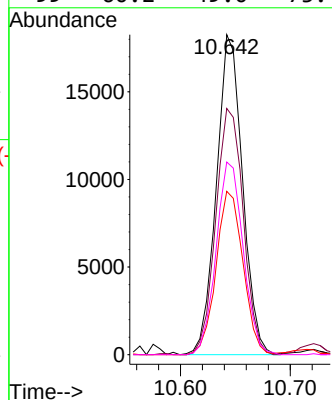
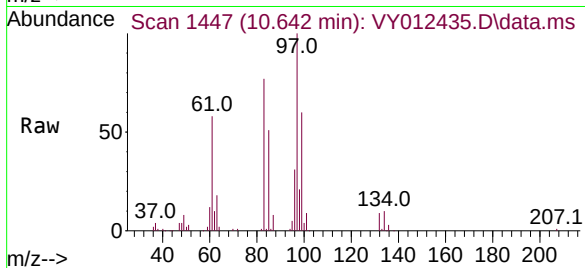
Ion Ratio Lower Upper

97 100

83 77.0 67.7 101.5

85 51.1 43.8 65.8

99 60.2 49.0 73.4



#56

Ethyl methacrylate

Concen: 20.460 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

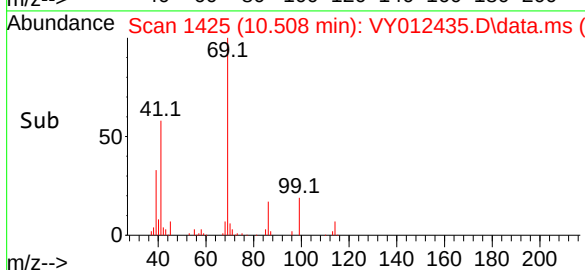
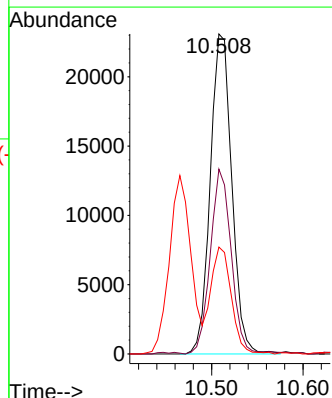
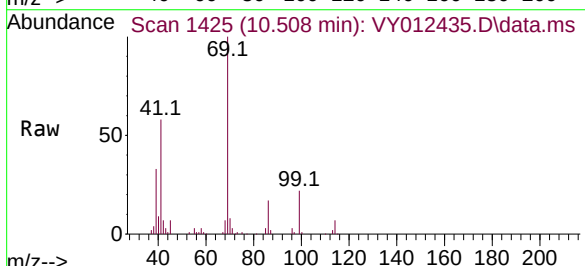
Tgt Ion: 69 Resp: 37709

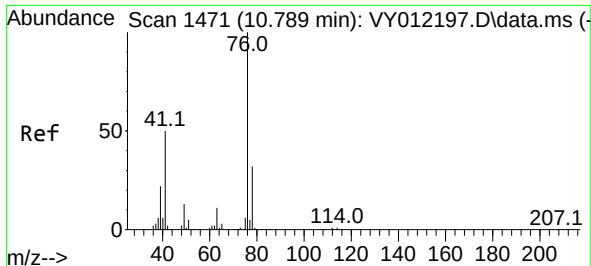
Ion Ratio Lower Upper

69 100

41 56.9 48.9 73.3

39 31.9 25.9 38.9





#57

1,3-Dichloropropane

Concen: 21.410 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.001 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

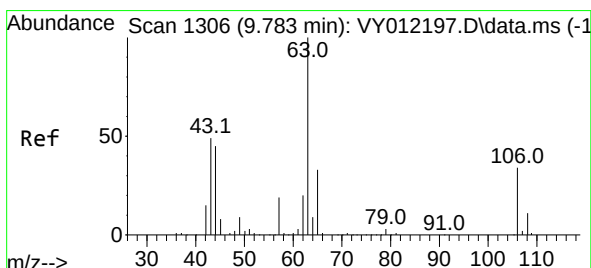
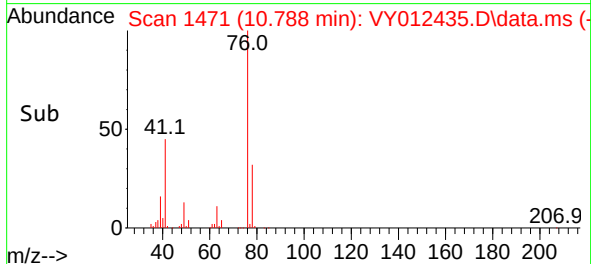
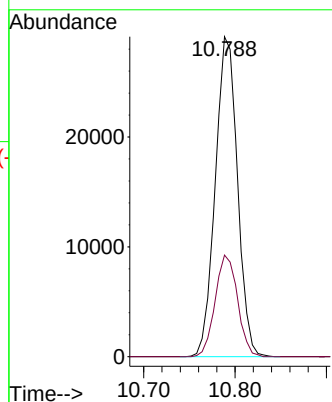
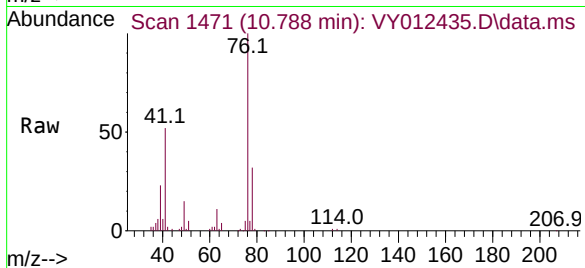
VY0201SBS01

Tgt Ion: 76 Resp: 49121

Ion Ratio Lower Upper

76 100

78 32.0 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 104.279 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.001 min

Lab File: VY012435.D

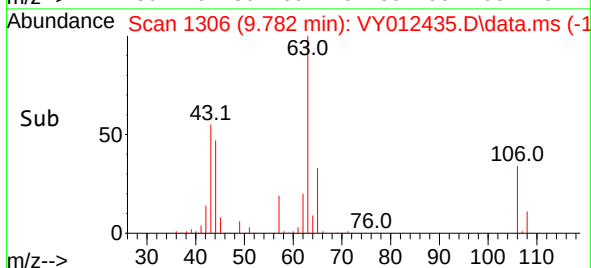
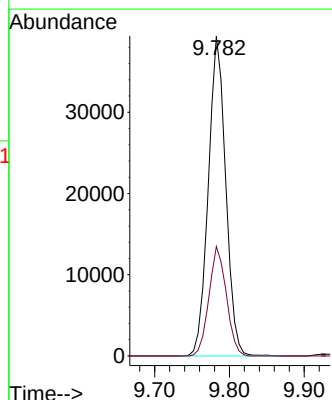
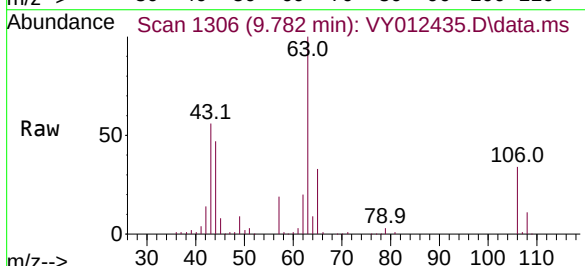
Acq: 01 Feb 2023 12:19

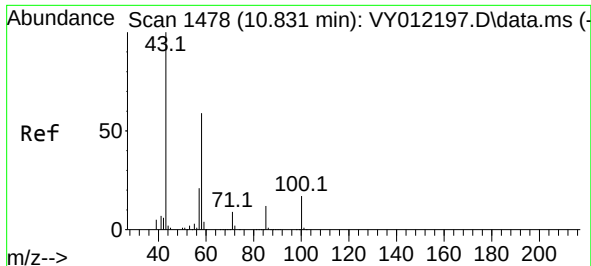
Tgt Ion: 63 Resp: 63594

Ion Ratio Lower Upper

63 100

106 34.2 23.2 34.8

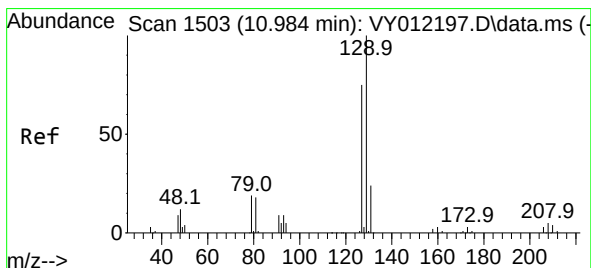
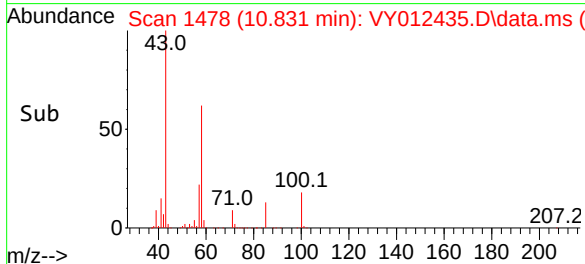
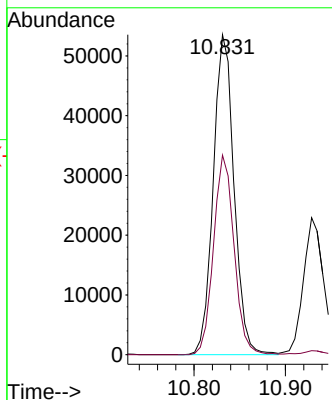
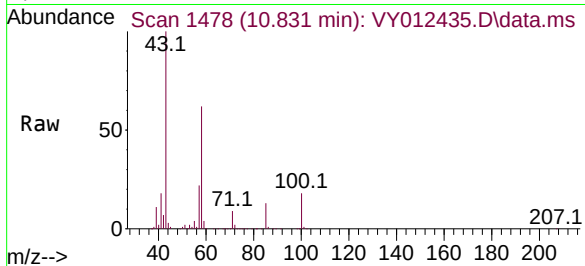




#59
2-Hexanone
Concen: 103.596 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

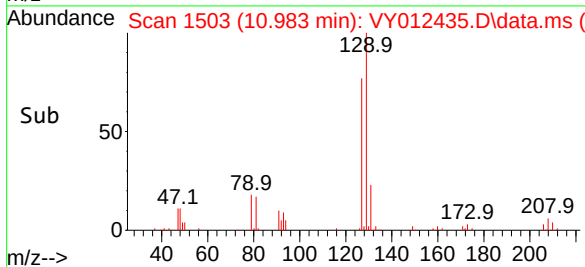
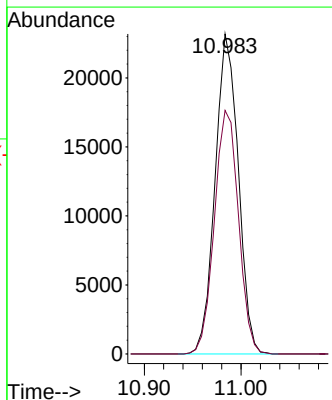
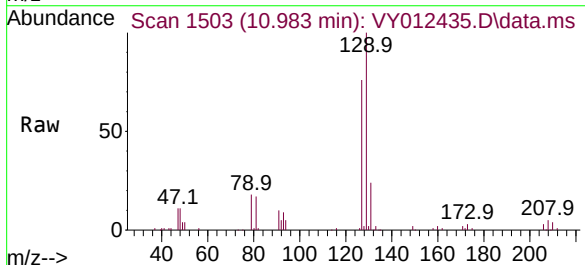
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

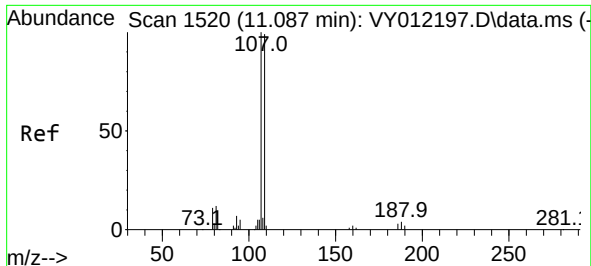
Tgt Ion: 43 Resp: 84597
Ion Ratio Lower Upper
43 100
58 61.7 28.4 85.2



#60
Dibromochloromethane
Concen: 20.671 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.001 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 129 Resp: 38516
Ion Ratio Lower Upper
129 100
127 79.2 38.9 116.6

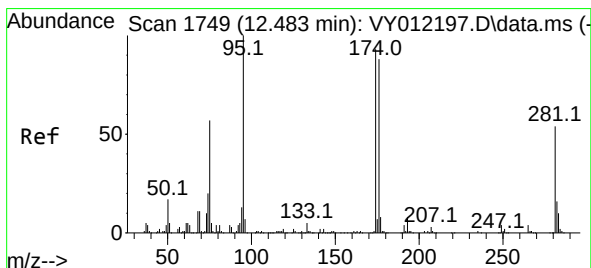
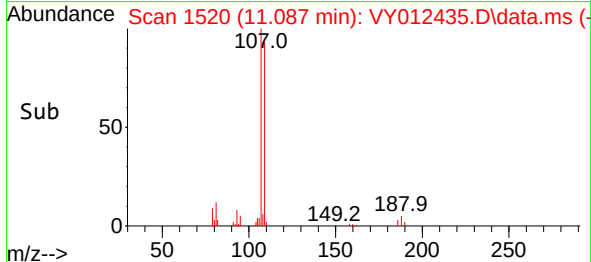
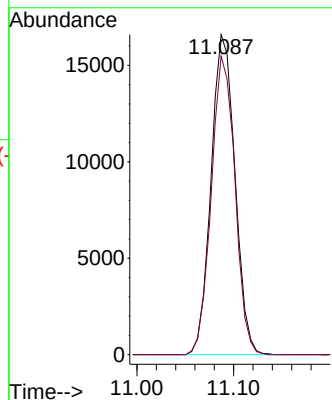
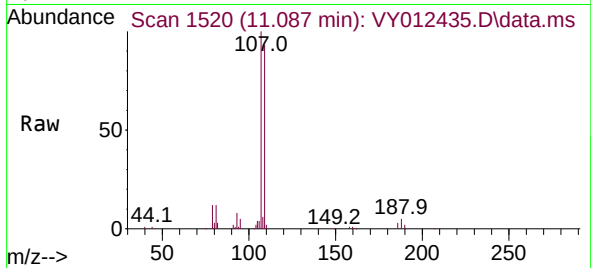




#61
1,2-Dibromoethane
Concen: 21.002 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

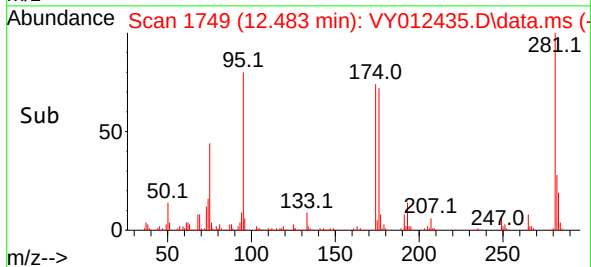
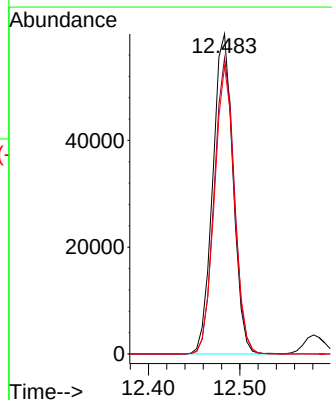
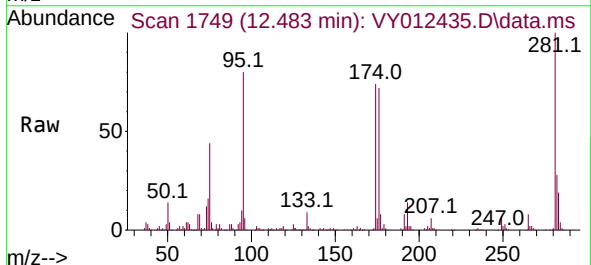
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

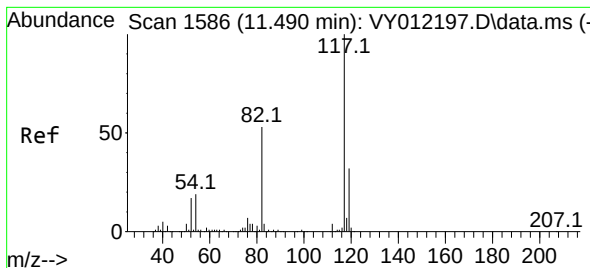
Tgt Ion:107 Resp: 28470
Ion Ratio Lower Upper
107 100
109 92.2 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 45.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 95 Resp: 92238
Ion Ratio Lower Upper
95 100
174 91.8 0.0 172.0
176 88.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

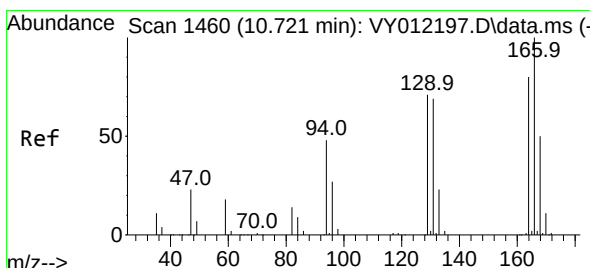
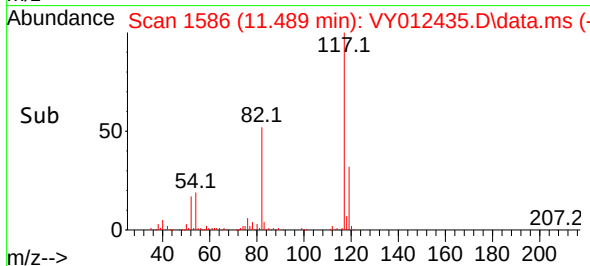
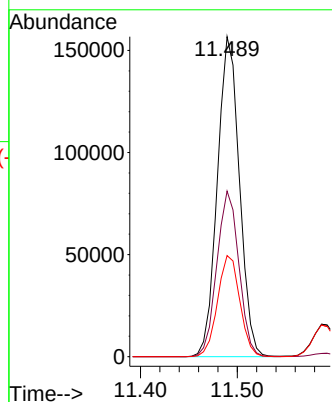
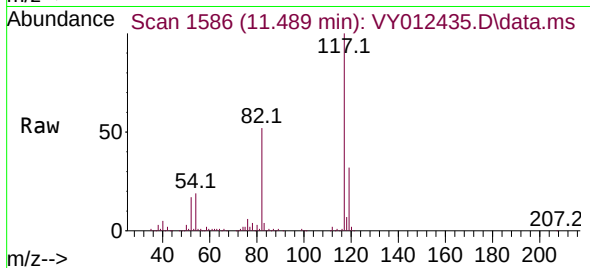
Tgt Ion:117 Resp: 248451

Ion Ratio Lower Upper

117 100

82 51.8 44.8 67.2

119 31.6 25.4 38.2



#64

Tetrachloroethene

Concen: 22.293 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Tgt Ion:164 Resp: 50539

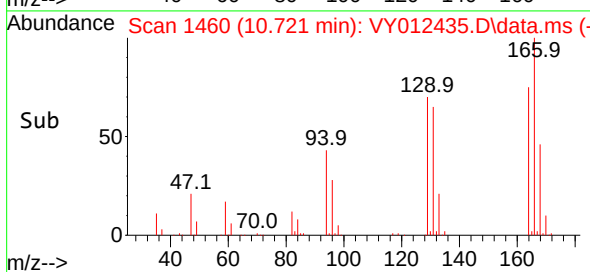
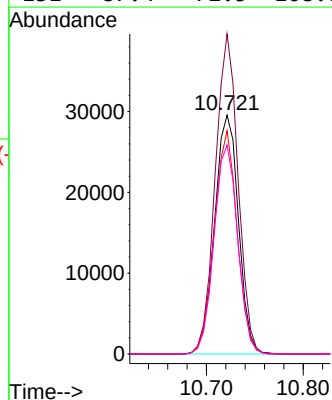
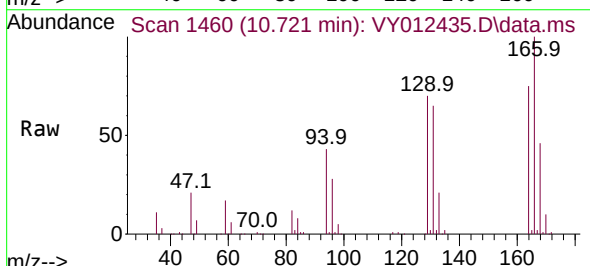
Ion Ratio Lower Upper

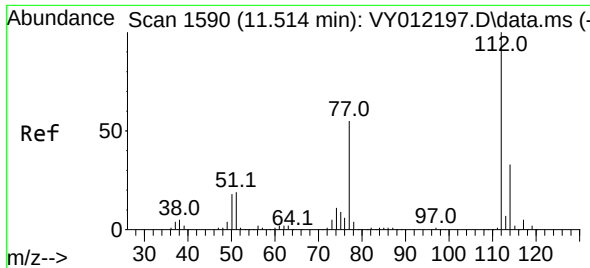
164 100

166 133.9 102.3 153.5

129 93.4 77.2 115.8

131 87.4 72.5 108.7

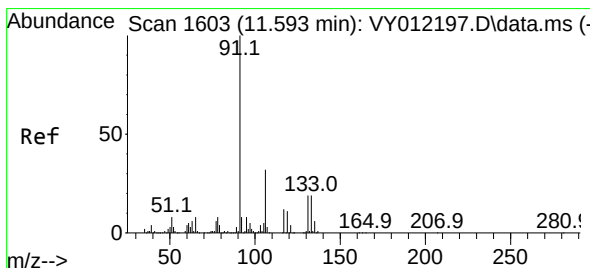
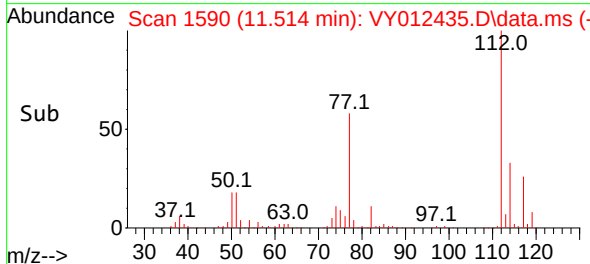
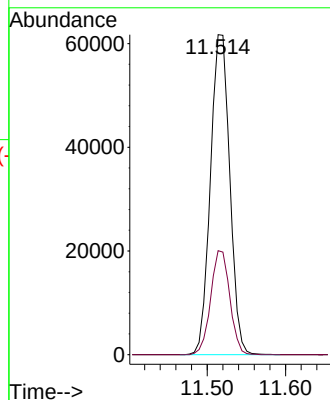
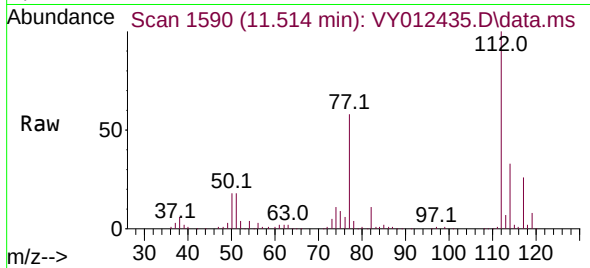




#65
Chlorobenzene
Concen: 20.816 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

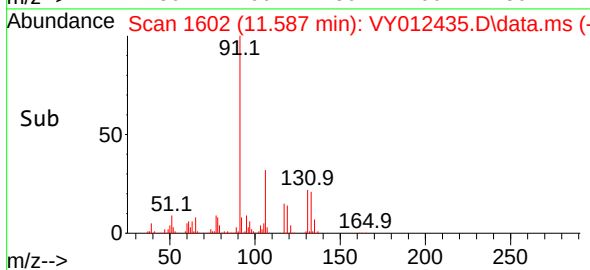
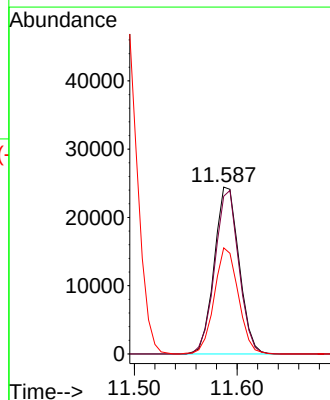
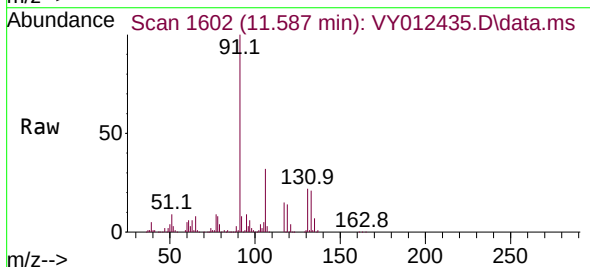
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

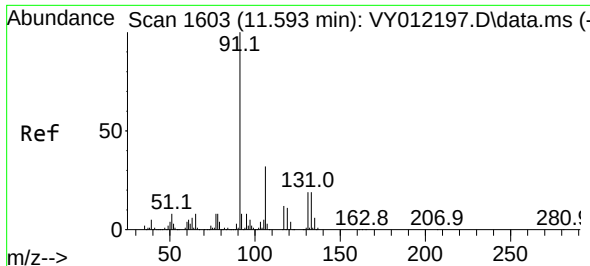
Tgt Ion:112 Resp: 105816
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.336 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:131 Resp: 40938
Ion Ratio Lower Upper
131 100
133 95.1 47.3 142.0
119 61.8 32.1 96.3

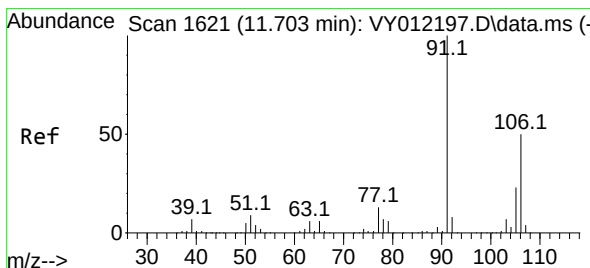
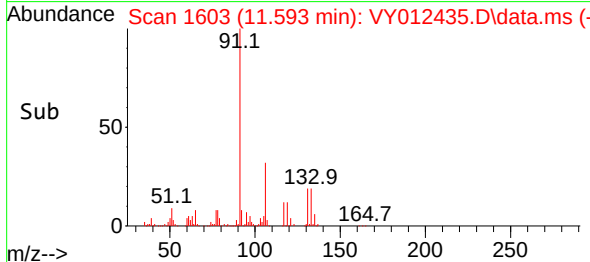
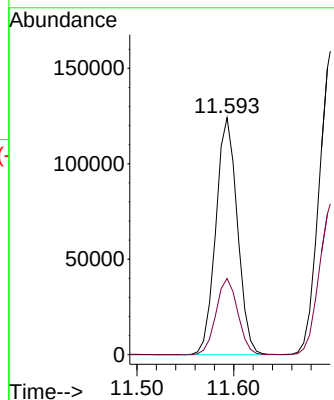
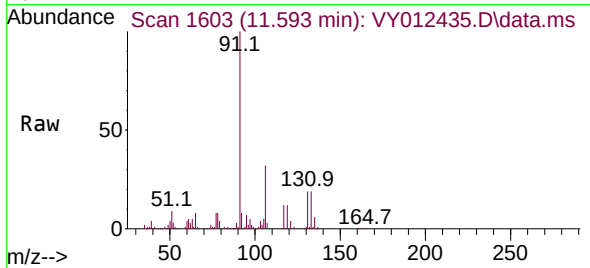




#67
Ethyl Benzene
Concen: 21.124 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

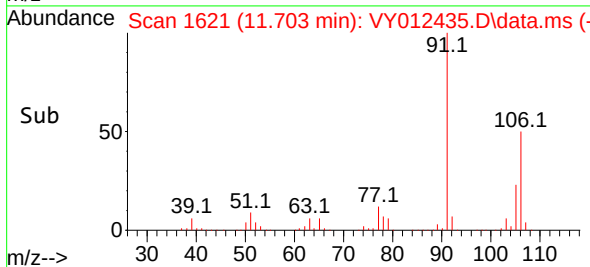
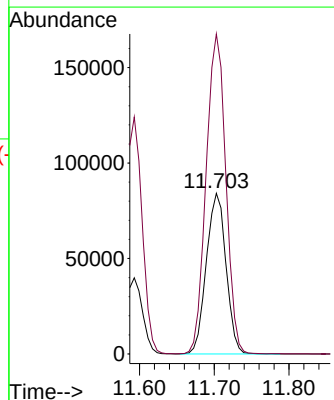
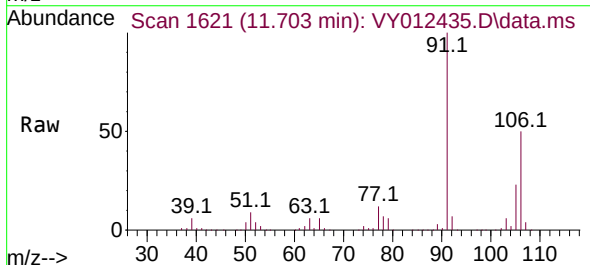
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

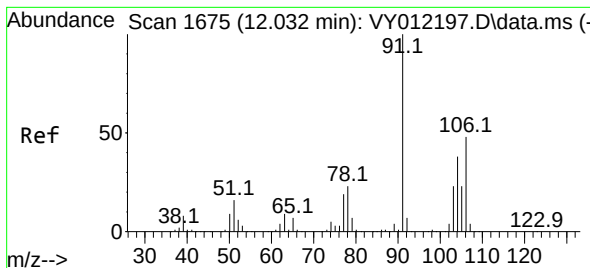
Tgt Ion: 91 Resp: 191912
Ion Ratio Lower Upper
91 100
106 32.2 25.0 37.4



#68
m/p-Xylenes
Concen: 42.809 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 106 Resp: 153773
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7





#69

o-Xylene

Concen: 20.765 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

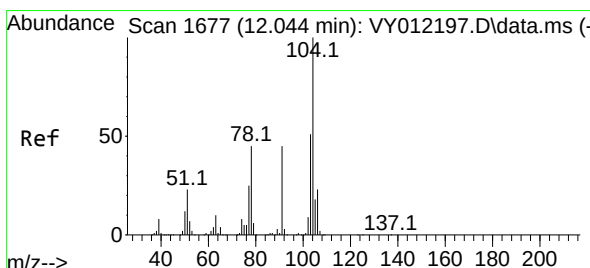
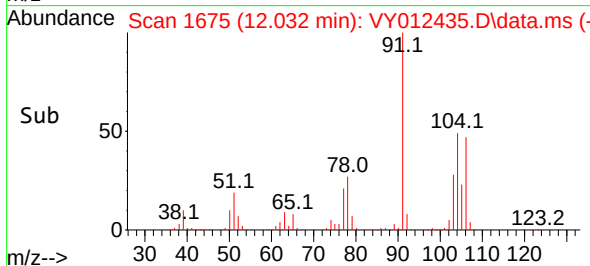
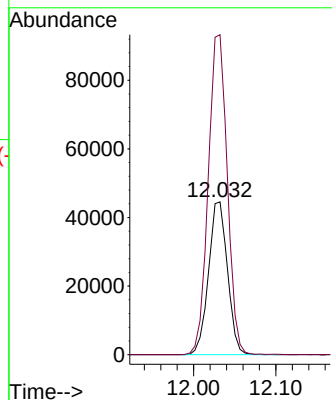
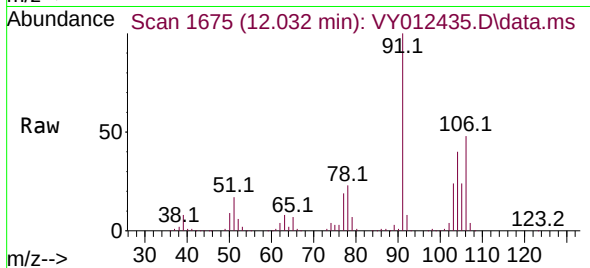
VY0201SBS01

Tgt Ion:106 Resp: 71246

Ion Ratio Lower Upper

106 100

91 210.7 107.5 322.4



#70

Styrene

Concen: 21.066 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

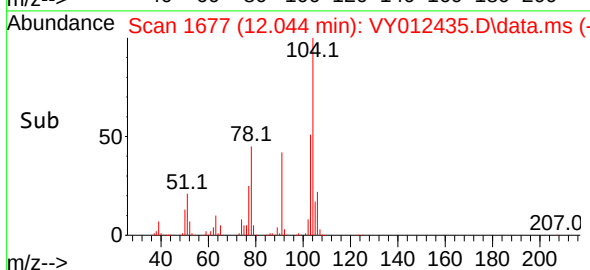
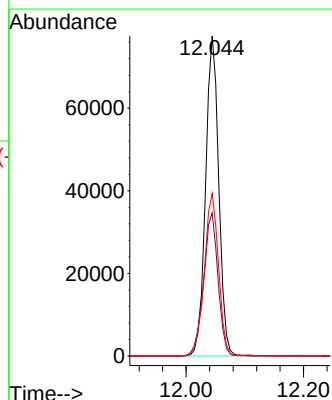
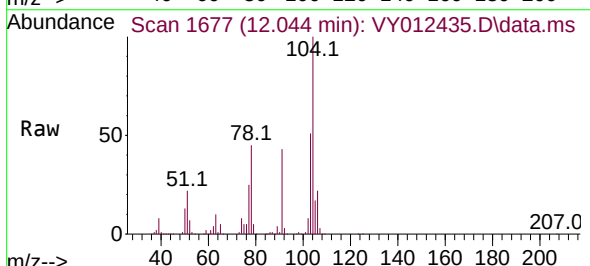
Tgt Ion:104 Resp: 120766

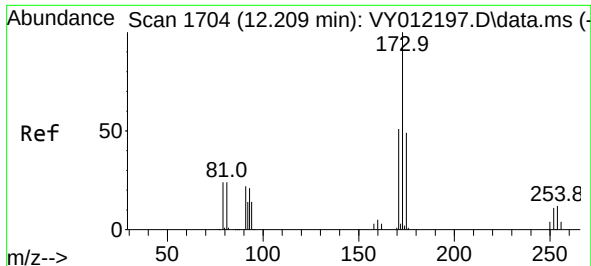
Ion Ratio Lower Upper

104 100

78 48.7 39.4 59.0

103 54.8 43.0 64.4

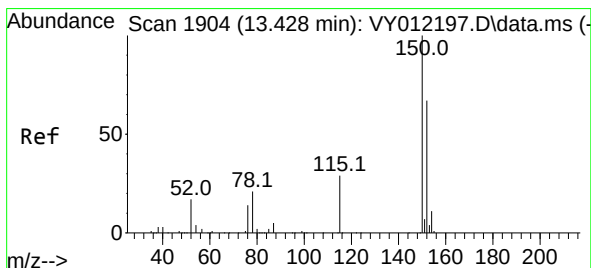
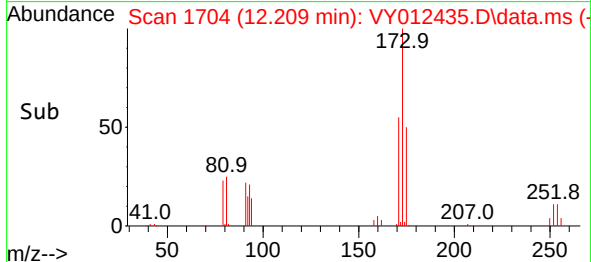
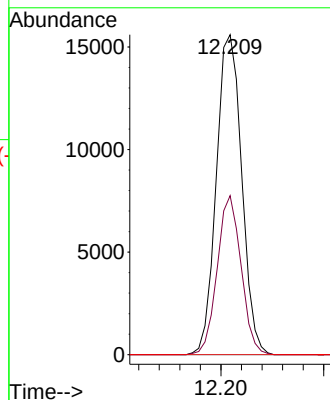
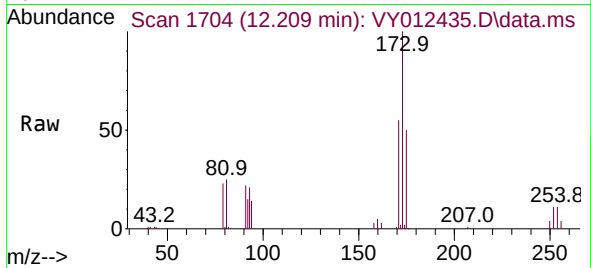




#71
Bromoform
Concen: 21.797 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

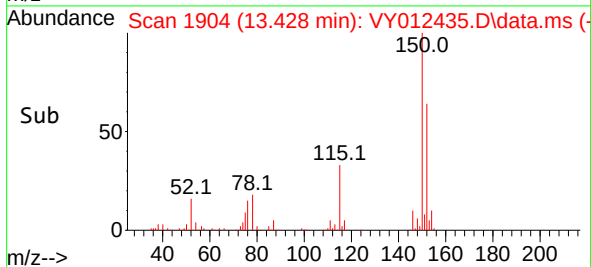
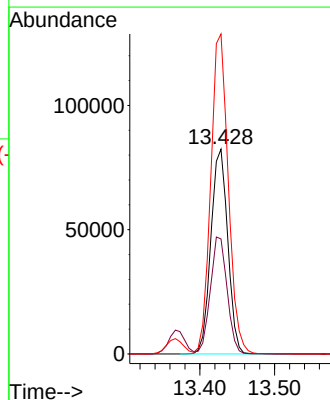
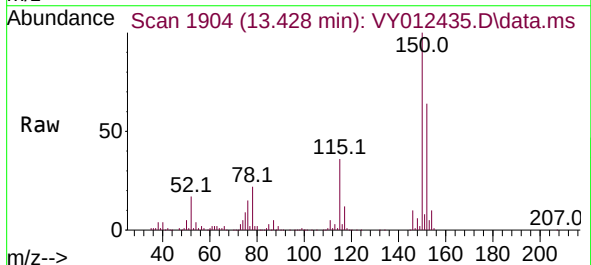
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

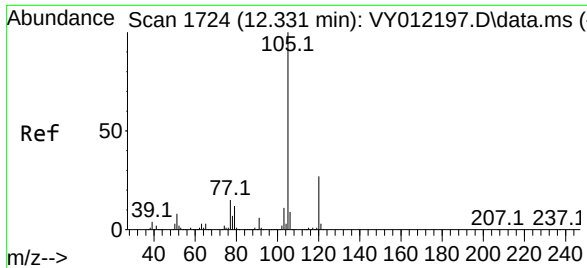
Tgt Ion:173 Resp: 26721
Ion Ratio Lower Upper
173 100
175 46.6 23.8 71.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:152 Resp: 129158
Ion Ratio Lower Upper
152 100
115 56.8 29.1 87.3
150 161.9 0.0 342.6

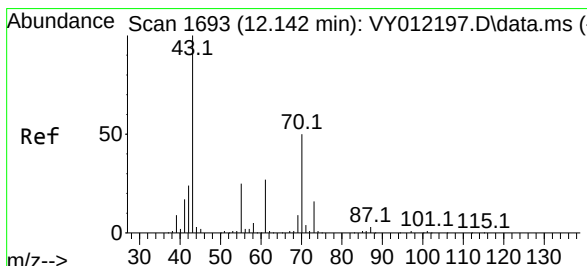
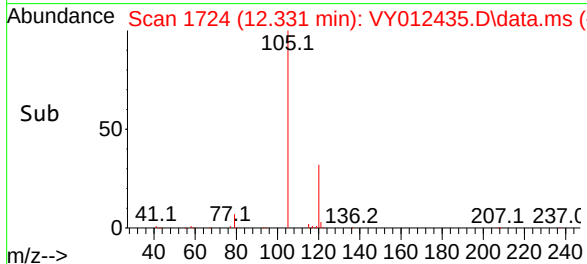
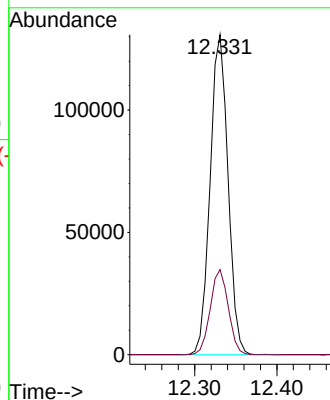
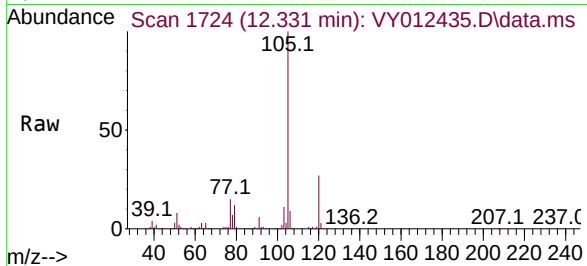




#73
Isopropylbenzene
Concen: 21.196 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

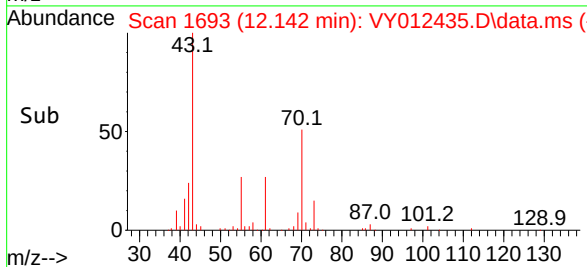
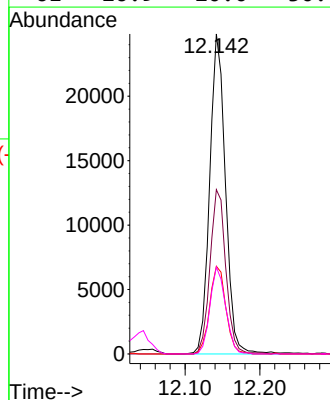
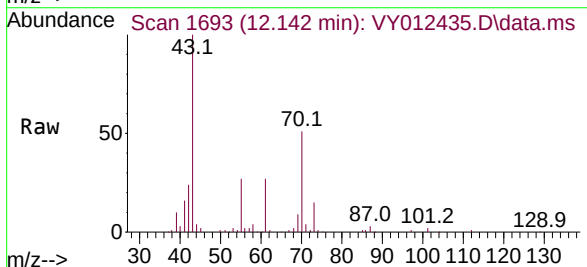
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

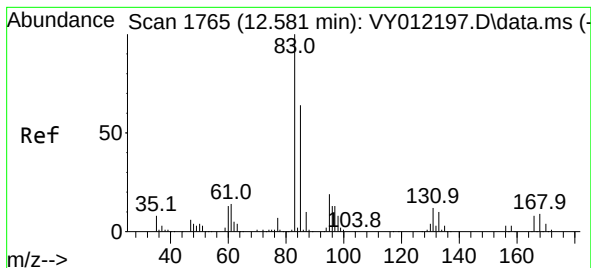
Tgt Ion:105 Resp: 197411
Ion Ratio Lower Upper
105 100
120 26.8 13.2 39.6



#74
N-ethyl acetate
Concen: 19.882 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 43 Resp: 36299
Ion Ratio Lower Upper
43 100
70 51.7 35.8 53.8
55 28.2 21.0 31.4
61 26.9 20.0 30.0

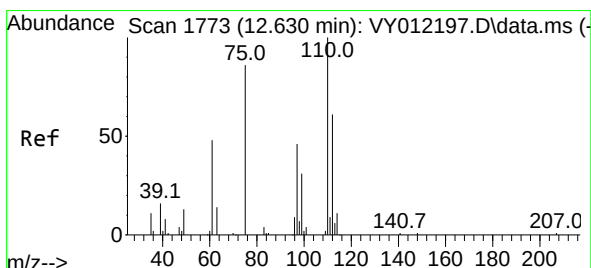
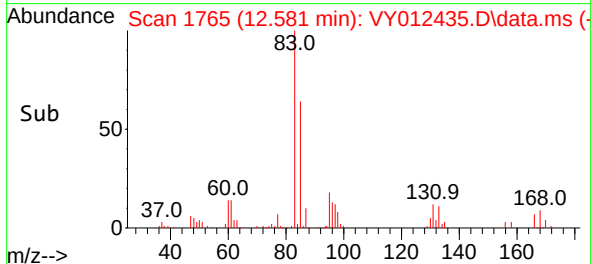
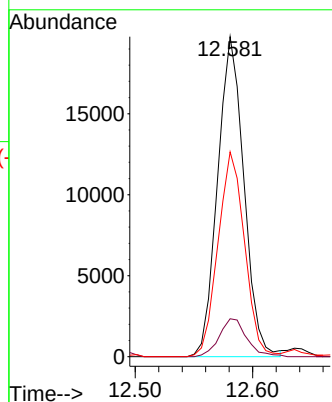
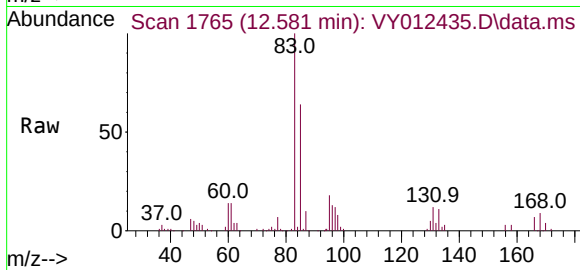




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.979 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. -0.000 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

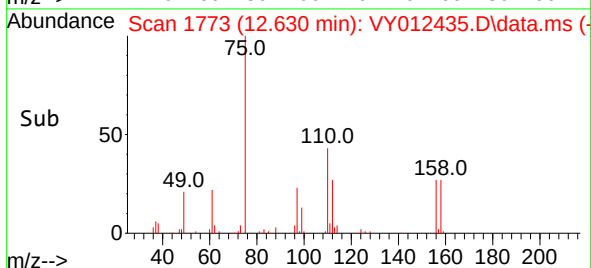
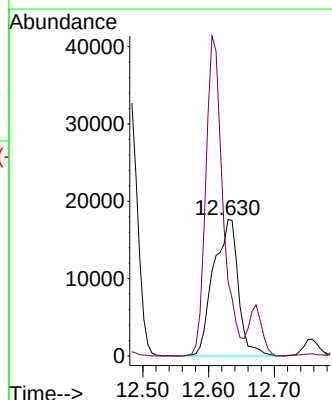
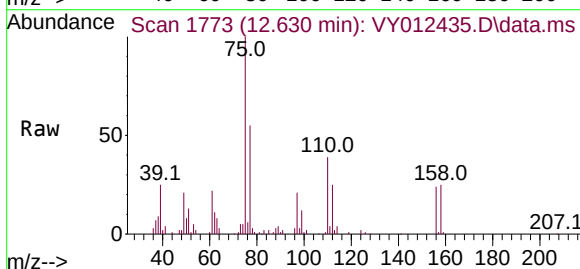
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

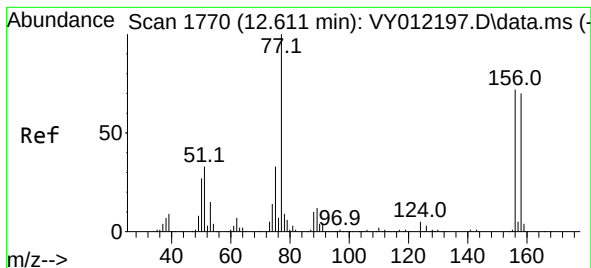
Tgt Ion: 83 Resp: 30775
 Ion Ratio Lower Upper
 83 100
 131 12.4 5.6 16.8
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 39.049 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.001 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

Tgt Ion: 75 Resp: 46377
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.819 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

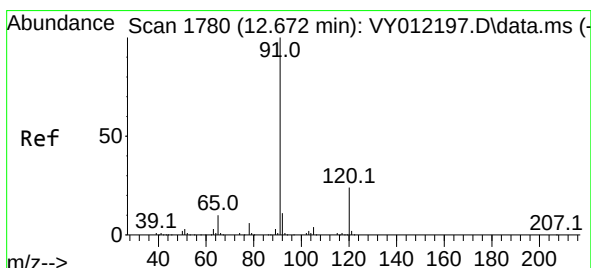
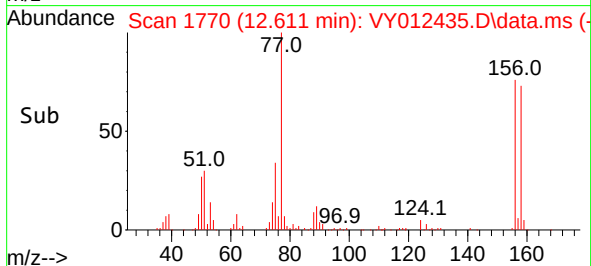
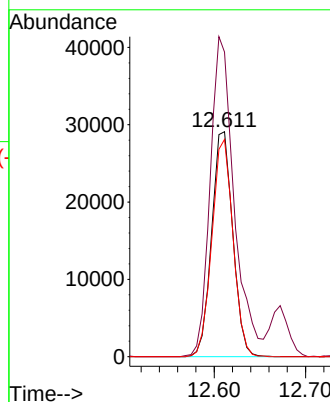
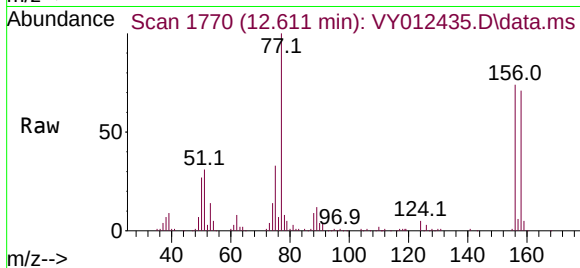
Tgt Ion:156 Resp: 46657

Ion Ratio Lower Upper

156 100

77 161.9 90.0 270.0

158 96.5 48.4 145.2



#78

n-propylbenzene

Concen: 21.059 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY012435.D

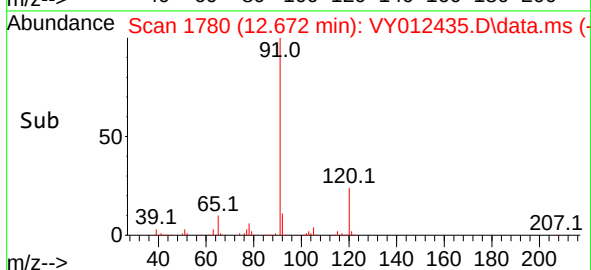
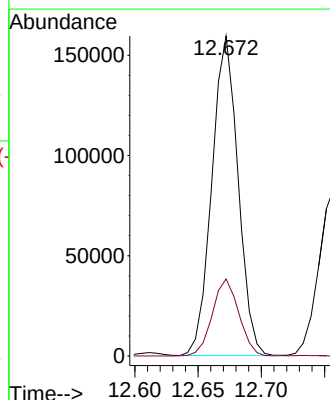
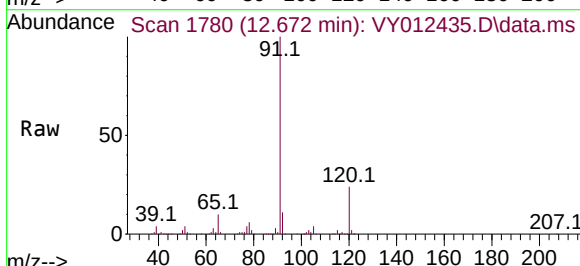
Acq: 01 Feb 2023 12:19

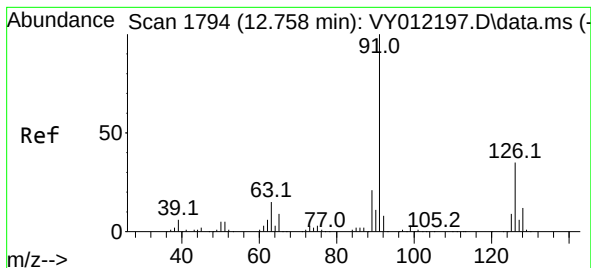
Tgt Ion: 91 Resp: 229513

Ion Ratio Lower Upper

91 100

120 24.3 11.8 35.4





#79

2-Chlorotoluene

Concen: 20.634 ug/l

RT: 12.758 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

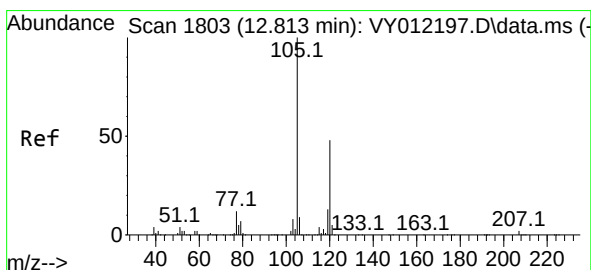
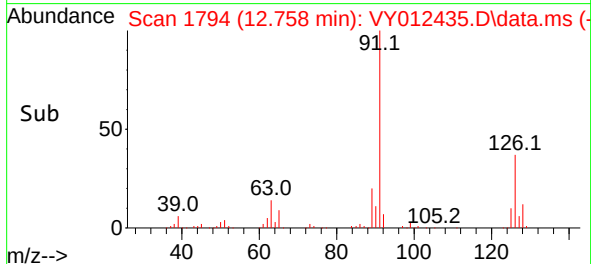
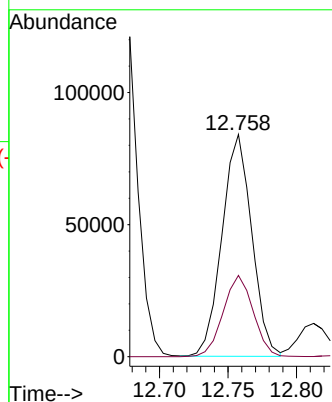
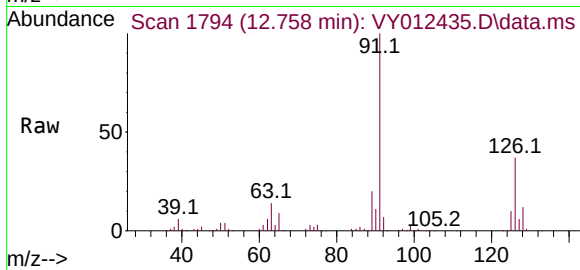
VY0201SBS01

Tgt Ion: 91 Resp: 127146

Ion Ratio Lower Upper

91 100

126 37.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 21.075 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.001 min

Lab File: VY012435.D

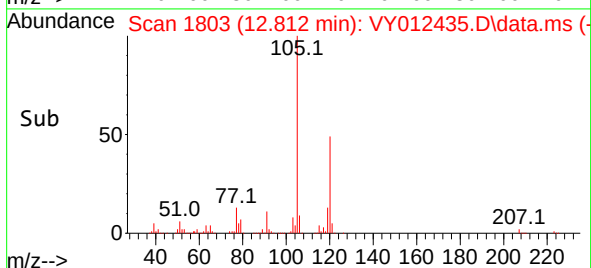
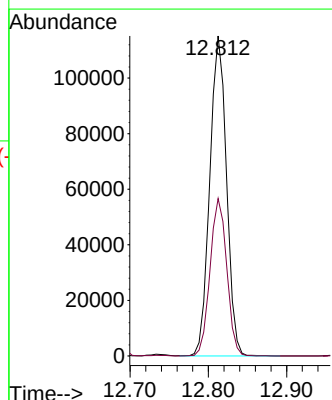
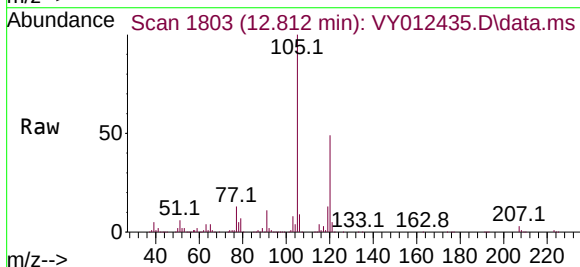
Acq: 01 Feb 2023 12:19

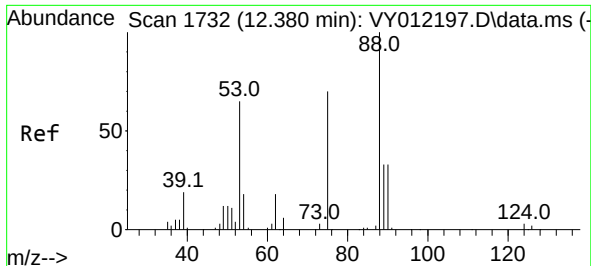
Tgt Ion: 105 Resp: 170630

Ion Ratio Lower Upper

105 100

120 49.0 24.2 72.6

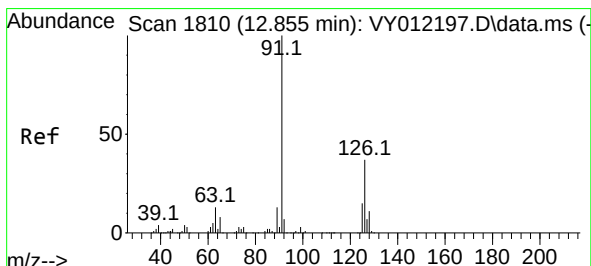
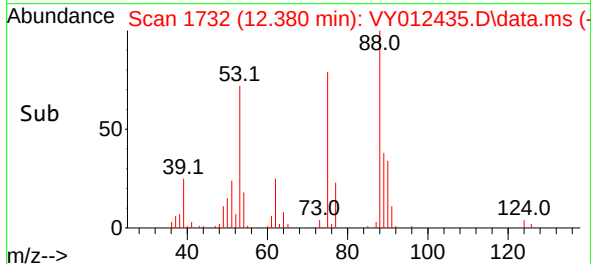
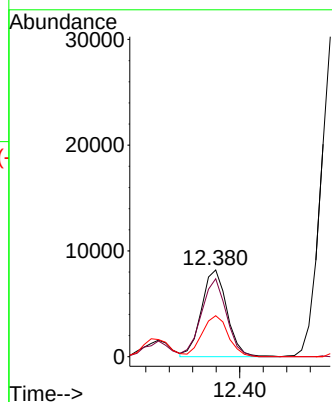
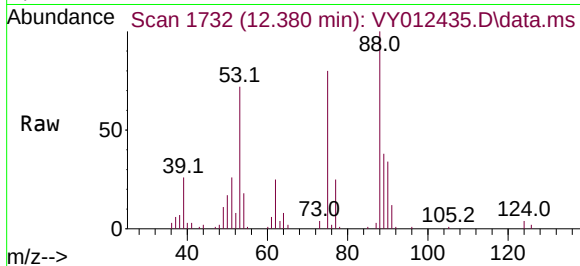




#81
trans-1,4-Dichloro-2-butene
Concen: 21.381 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.006 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

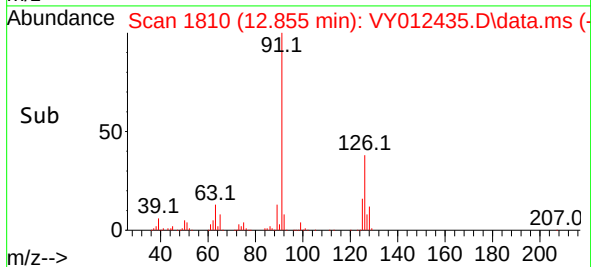
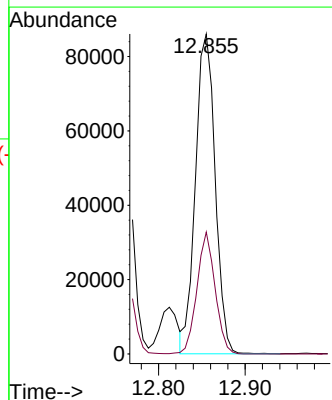
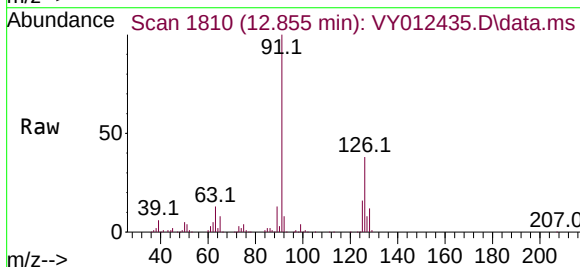
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

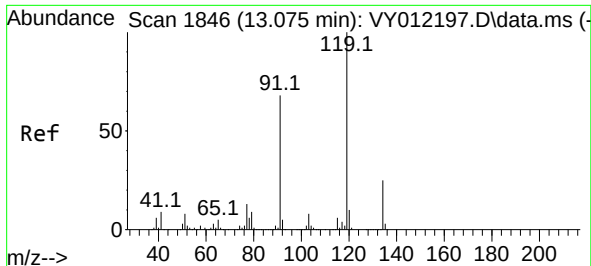
Tgt Ion:	75	Resp:	12324
Ion	Ratio	Lower	Upper
75	100		
53	88.6	72.5	108.7
89	47.8	37.0	55.4



#82
4-Chlorotoluene
Concen: 20.979 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:	91	Resp:	135788
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.1	51.2

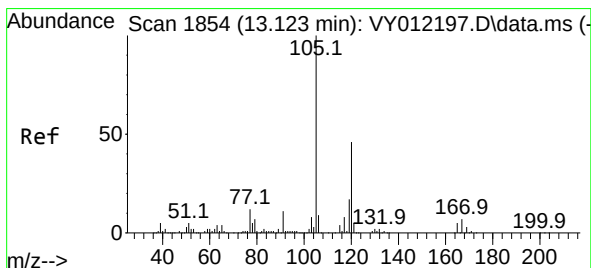
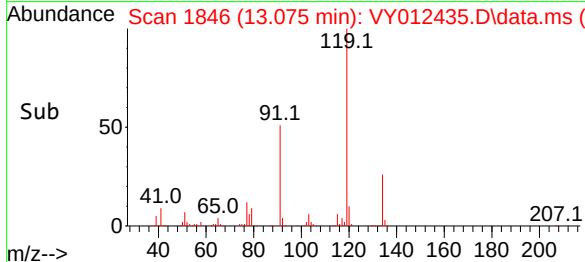
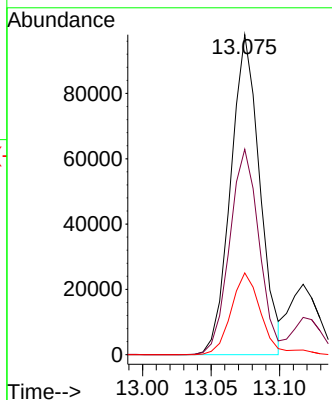
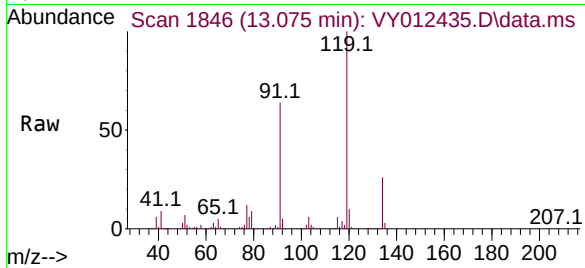




#83
tert-Butylbenzene
Concen: 20.546 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

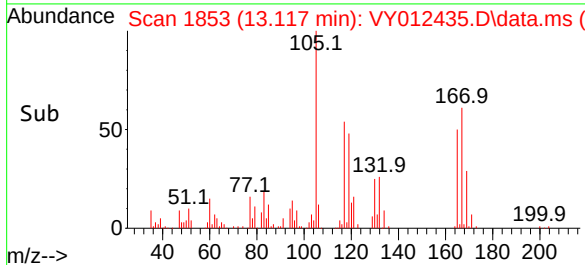
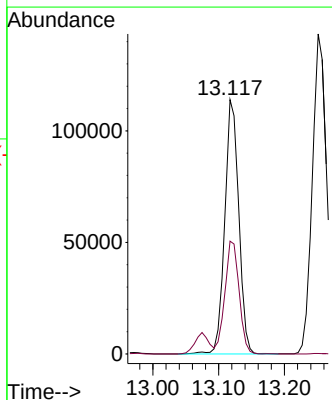
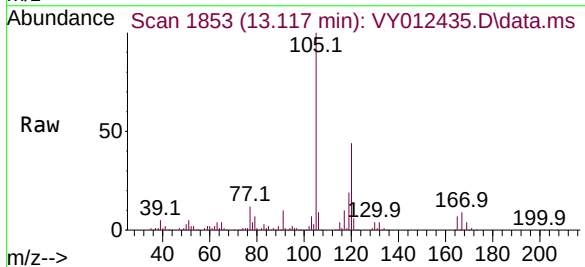
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

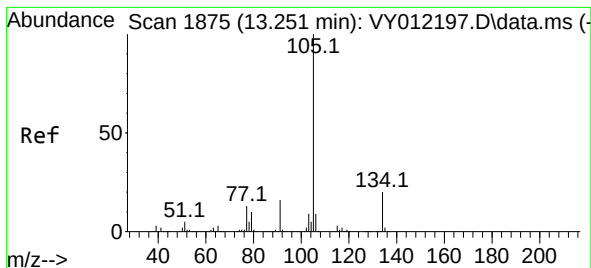
Tgt Ion:119 Resp: 144983
Ion Ratio Lower Upper
119 100
91 65.0 32.3 96.8
134 26.4 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 21.180 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion:105 Resp: 169108
Ion Ratio Lower Upper
105 100
120 45.0 22.9 68.7





#85

sec-Butylbenzene

Concen: 21.386 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

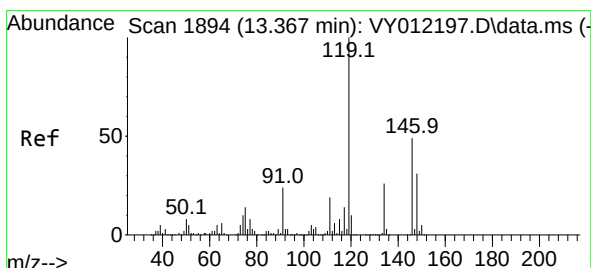
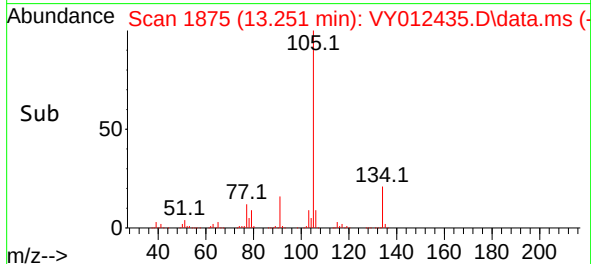
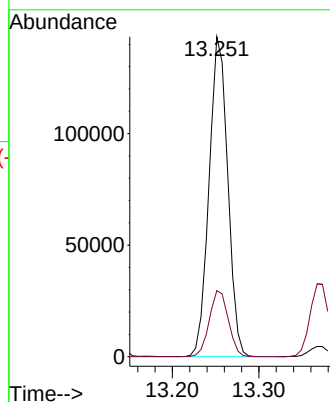
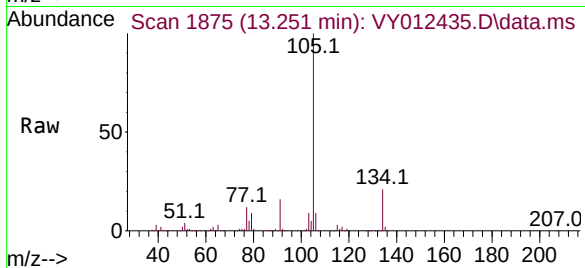
VY0201SBS01

Tgt Ion:105 Resp: 214860

Ion Ratio Lower Upper

105 100

134 21.0 10.1 30.3



#86

p-Isopropyltoluene

Concen: 21.071 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

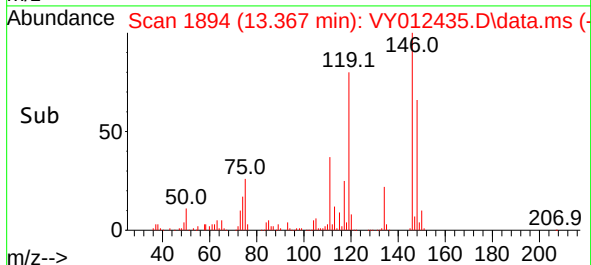
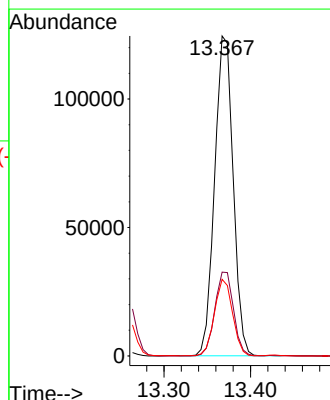
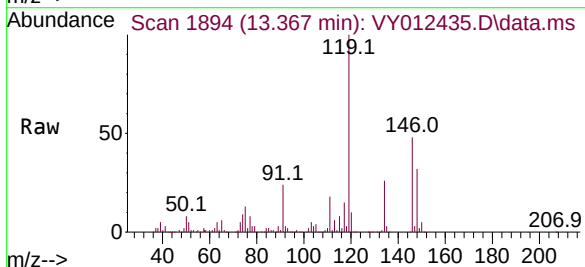
Tgt Ion:119 Resp: 184962

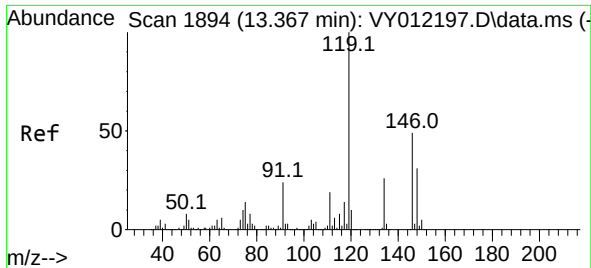
Ion Ratio Lower Upper

119 100

134 26.5 13.0 39.0

91 23.3 11.9 35.9

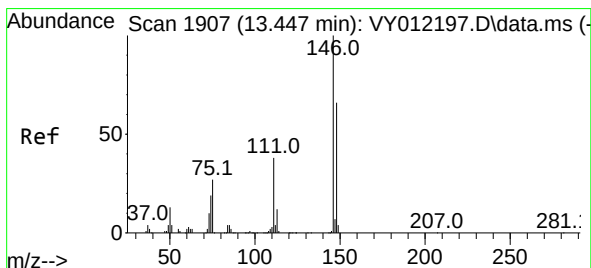
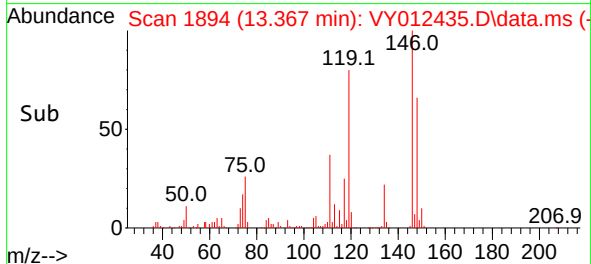
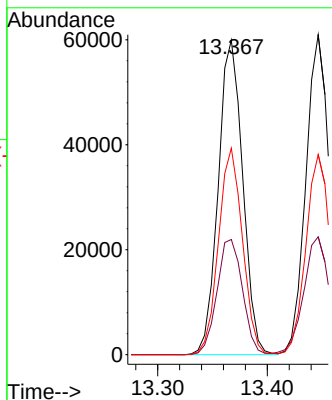
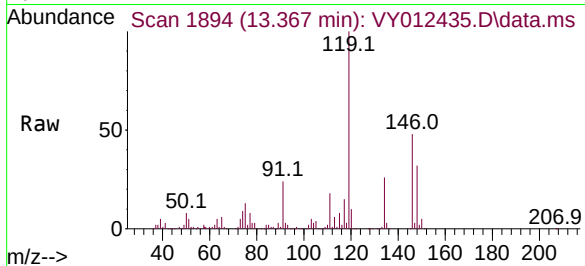




#87
 1,3-Dichlorobenzene
 Concen: 20.863 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

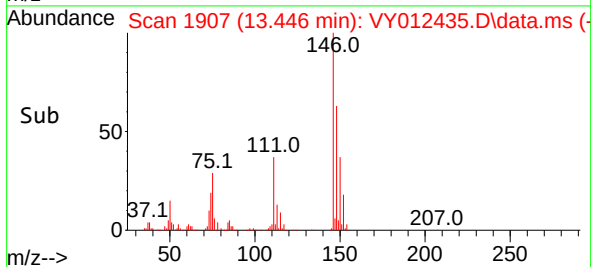
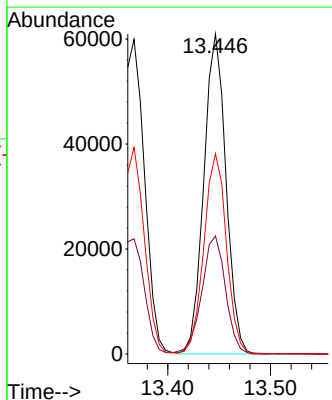
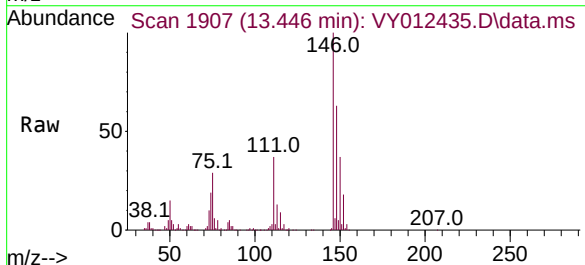
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

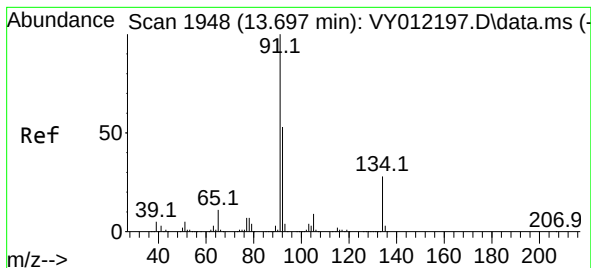
Tgt Ion:146 Resp: 92990
 Ion Ratio Lower Upper
 146 100
 111 38.2 19.7 59.0
 148 64.4 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 20.598 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.001 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

Tgt Ion:146 Resp: 91561
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 63.6 31.9 95.7





#89

n-Butylbenzene

Concen: 21.263 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.001 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

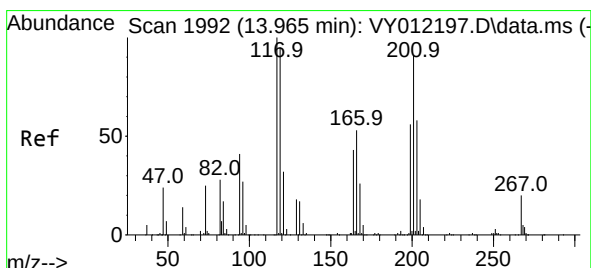
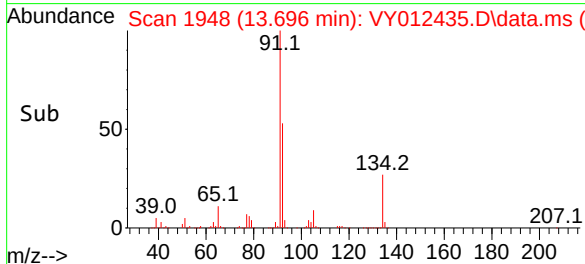
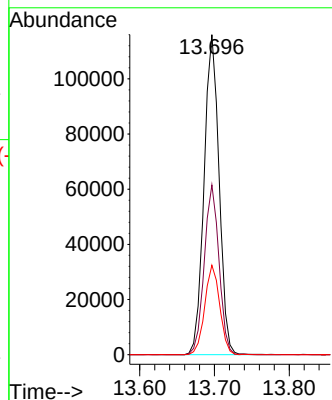
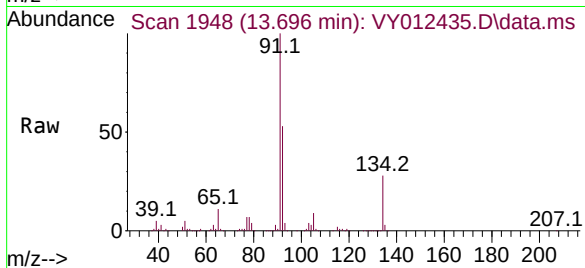
Tgt Ion: 91 Resp: 161745

Ion Ratio Lower Upper

91 100

92 52.3 26.8 80.4

134 28.0 13.3 39.8



#90

Hexachloroethane

Concen: 21.044 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY012435.D

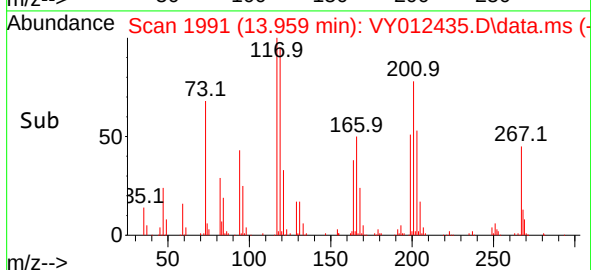
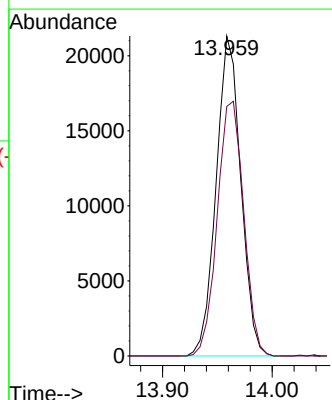
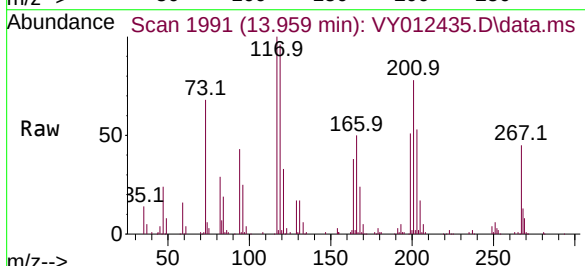
Acq: 01 Feb 2023 12:19

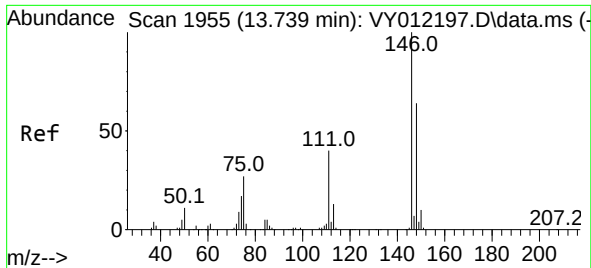
Tgt Ion: 117 Resp: 33348

Ion Ratio Lower Upper

117 100

201 85.2 40.3 120.8

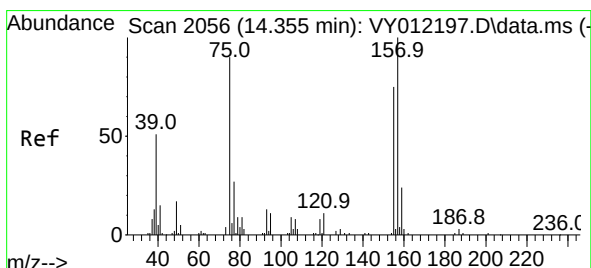
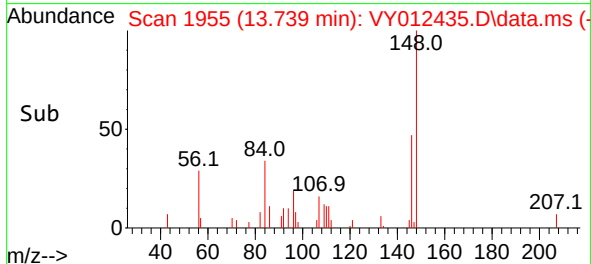
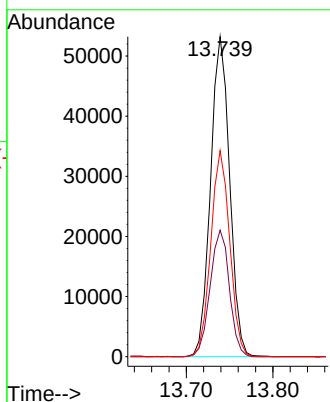
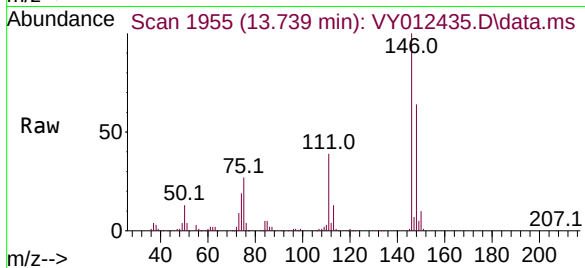




#91
1,2-Dichlorobenzene
Concen: 20.512 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

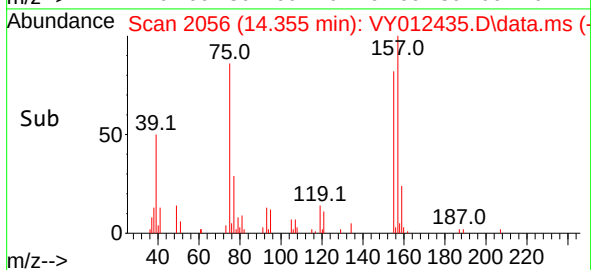
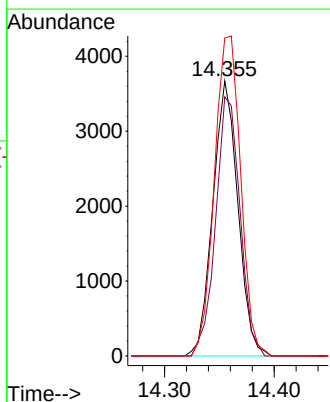
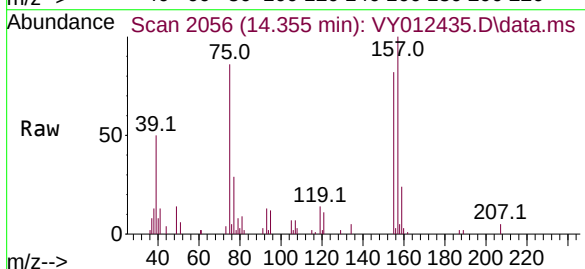
Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBS01

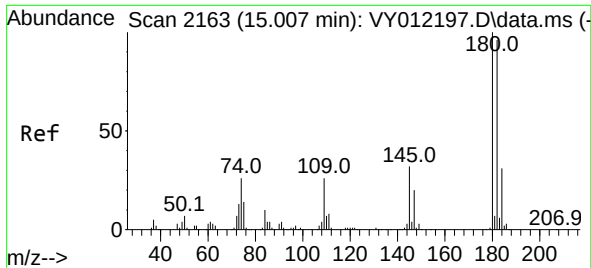
Tgt Ion:146 Resp: 81580
Ion Ratio Lower Upper
146 100
111 39.8 20.3 60.8
148 63.8 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.197 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY012435.D
Acq: 01 Feb 2023 12:19

Tgt Ion: 75 Resp: 5820
Ion Ratio Lower Upper
75 100
155 91.9 42.3 126.8
157 122.2 54.4 163.3

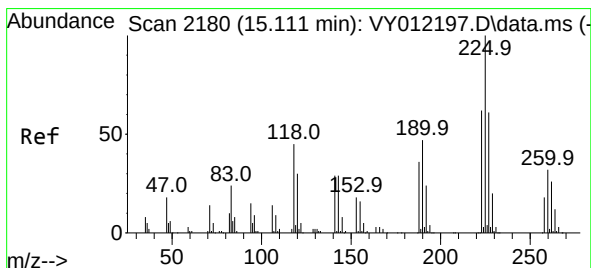
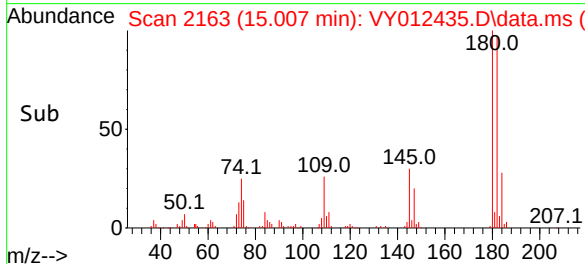
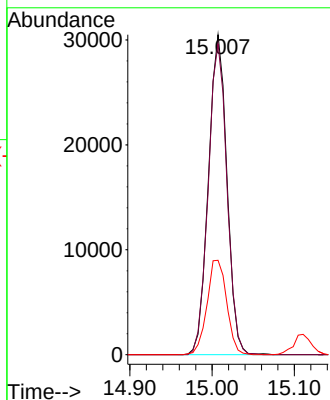
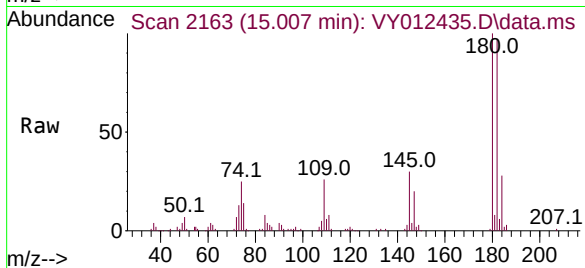




#93
 1,2,4-Trichlorobenzene
 Concen: 18.731 ug/l
 RT: 15.007 min Scan# 2163
 Delta R.T. 0.000 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

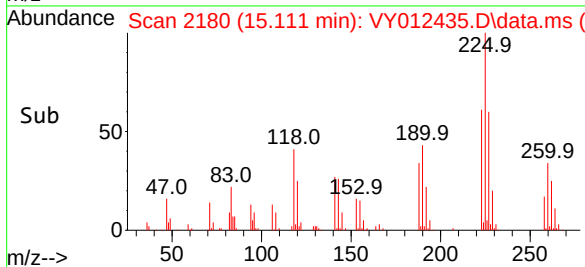
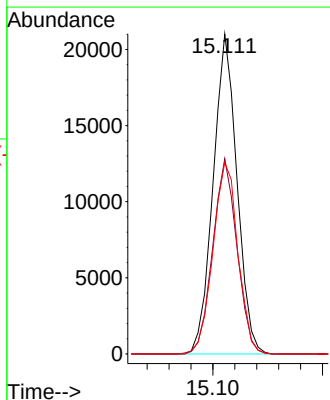
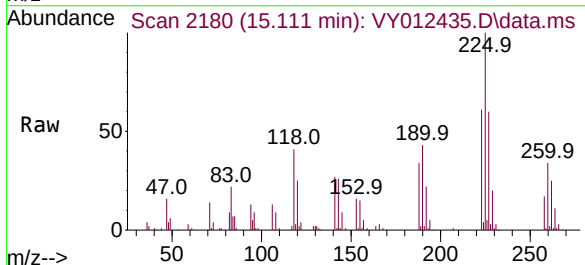
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

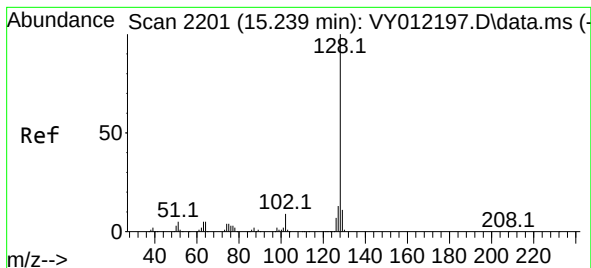
Tgt Ion:180 Resp: 47734
 Ion Ratio Lower Upper
 180 100
 182 98.1 48.1 144.3
 145 31.4 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 20.670 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. -0.000 min
 Lab File: VY012435.D
 Acq: 01 Feb 2023 12:19

Tgt Ion:225 Resp: 31714
 Ion Ratio Lower Upper
 225 100
 223 62.1 31.4 94.2
 227 62.5 32.6 97.8





#95

Naphthalene

Concen: 18.024 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0201SBS01

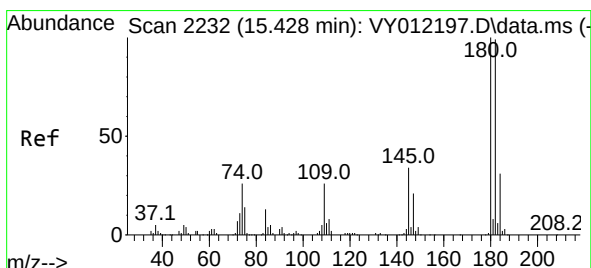
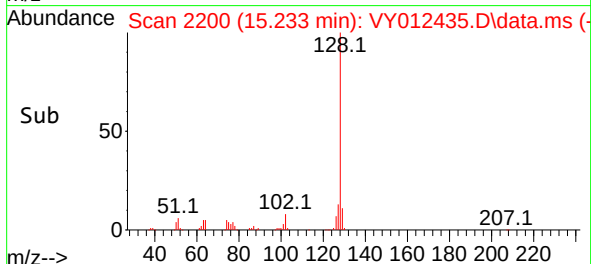
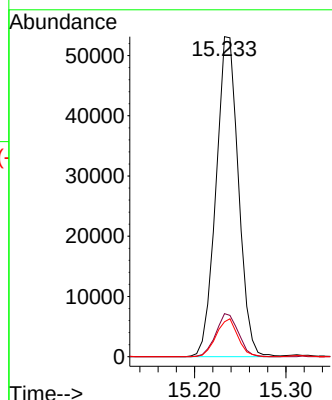
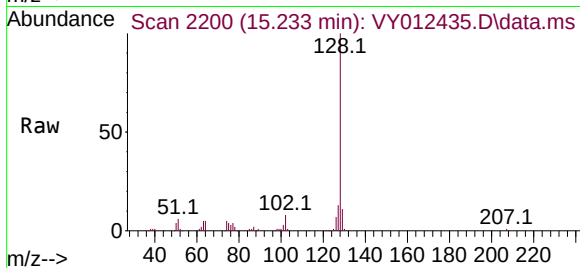
Tgt Ion:128 Resp: 90660

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.2

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 18.893 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY012435.D

Acq: 01 Feb 2023 12:19

Tgt Ion:180 Resp: 41431

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.6 16.1 48.2

