

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013385.D
 Acq On : 21 Apr 2023 14:57
 Operator : KP/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Quant Time: Apr 22 01:07:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:00:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	264883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	378109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	384979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	181746	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	56196	20.241	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	40.480%#
35) Dibromofluoromethane	7.716	113	50248	21.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	42.460%#
50) Toluene-d8	10.179	98	186166	21.993	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	43.980%#
62) 4-Bromofluorobenzene	12.483	95	61079	21.672	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.340%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	55504	20.628	ug/l	98
3) Chloromethane	2.107	50	64041	21.654	ug/l	98
4) Vinyl Chloride	2.247	62	59092	21.186	ug/l	100
5) Bromomethane	2.650	94	39487	20.797	ug/l	96
6) Chloroethane	2.790	64	37064	22.082	ug/l	95
7) Trichlorofluoromethane	3.119	101	98929	21.024	ug/l	99
8) Diethyl Ether	3.521	74	35753	21.645	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	56893	21.151	ug/l	98
10) Methyl Iodide	4.088	142	75641	21.091	ug/l	99
11) Tert butyl alcohol	4.991	59	30146	95.624	ug/l	99
12) 1,1-Dichloroethene	3.869	96	55485	21.058	ug/l	95
13) Acrolein	3.729	56	34548	116.804	ug/l	98
14) Allyl chloride	4.478	41	93025	20.838	ug/l	97
15) Acrylonitrile	5.161	53	99264	108.119	ug/l	98
16) Acetone	3.954	43	100844	88.843	ug/l	99
17) Carbon Disulfide	4.186	76	183511	21.466	ug/l	100
18) Methyl Acetate	4.478	43	71902	20.721	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	158537	21.326	ug/l	99
20) Methylene Chloride	4.710	84	93993	23.394	ug/l	95
21) trans-1,2-Dichloroethene	5.216	96	62201	21.140	ug/l	98
22) Diisopropyl ether	6.118	45	167111	19.928	ug/l	98
23) Vinyl Acetate	6.057	43	540295	100.882	ug/l	100
24) 1,1-Dichloroethane	6.015	63	103678	20.379	ug/l	98
25) 2-Butanone	6.990	43	111683	85.237	ug/l	93
26) 2,2-Dichloropropane	6.978	77	83390	19.137	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	60229	19.354	ug/l	97
28) Bromochloromethane	7.332	49	30176	17.793	ug/l	92
29) Tetrahydrofuran	7.350	42	68173	87.867	ug/l	98
30) Chloroform	7.502	83	99768	18.969	ug/l	98
31) Cyclohexane	7.783	56	78045	17.727	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	92686	19.890	ug/l	99
36) 1,1-Dichloropropene	7.917	75	71824	19.981	ug/l	98
37) Ethyl Acetate	7.076	43	52344	19.443	ug/l	98
38) Carbon Tetrachloride	7.899	117	88930	21.373	ug/l	97
39) Methylcyclohexane	9.179	83	75163	18.207	ug/l	98
40) Benzene	8.161	78	203508	19.533	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	66052	50.643	ug/l #	34
42) 1,2-Dichloroethane	8.234	62	68317	19.923	ug/l	99
43) Isopropyl Acetate	8.270	43	75839	17.693	ug/l	98
44) Trichloroethene	8.941	130	58887	20.180	ug/l	94
45) 1,2-Dichloropropane	9.215	63	42153	16.688	ug/l	98
46) Dibromomethane	9.307	93	35366	20.916	ug/l	98
47) Bromodichloromethane	9.496	83	78529	20.737	ug/l	97
48) Methyl methacrylate	9.289	41	39854	19.815	ug/l	97
49) 1,4-Dioxane	9.319	88	10324	403.919	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	235680	96.887	ug/l	100
52) Toluene	10.240	92	137964	21.124	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	80595	20.210	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	83962	19.422	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	47619	20.701	ug/l	98
56) Ethyl methacrylate	10.508	69	62296	20.394	ug/l	98
57) 1,3-Dichloropropane	10.788	76	74427	20.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	120819	105.948	ug/l	99
59) 2-Hexanone	10.831	43	174265	94.419	ug/l	98
60) Dibromochloromethane	10.983	129	59730	20.708	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45099	19.832	ug/l	98
64) Tetrachloroethene	10.715	164	55429	19.066	ug/l	98
65) Chlorobenzene	11.514	112	160955	19.712	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	61592	19.875	ug/l	99
67) Ethyl Benzene	11.593	91	273385	19.744	ug/l	99
68) m/p-Xylenes	11.703	106	213863	39.637	ug/l	99
69) o-Xylene	12.026	106	96994	19.233	ug/l	99
70) Styrene	12.044	104	164537	19.507	ug/l	100
71) Bromoform	12.203	173	44699	19.509	ug/l #	99
73) Isopropylbenzene	12.331	105	248337	20.238	ug/l	99
74) N-amyl acetate	12.142	43	76854	20.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	58577	19.547	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	75660	35.913	ug/l #	100
77) Bromobenzene	12.605	156	65016	20.151	ug/l	98
78) n-propylbenzene	12.672	91	304360	20.396	ug/l	100
79) 2-Chlorotoluene	12.751	91	169503	19.958	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	206048	20.049	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21067	19.737	ug/l	98
82) 4-Chlorotoluene	12.855	91	175297	19.807	ug/l	99
83) tert-Butylbenzene	13.074	119	178852	20.100	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	200730	19.909	ug/l	100
85) sec-Butylbenzene	13.251	105	266998	20.321	ug/l	99
86) p-Isopropyltoluene	13.367	119	218822	19.940	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	120701	19.701	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	122998	19.852	ug/l	98
89) n-Butylbenzene	13.696	91	198088	19.304	ug/l	99
90) Hexachloroethane	13.958	117	48710	21.034	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	113530	20.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10880	19.742	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	70307	20.603	ug/l	98
94) Hexachlorobutadiene	15.111	225	43210	20.667	ug/l	98
95) Naphthalene	15.233	128	146935	20.069	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61910	19.556	ug/l	99

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QLast Update : Sat Apr 22 01:00:41 2023
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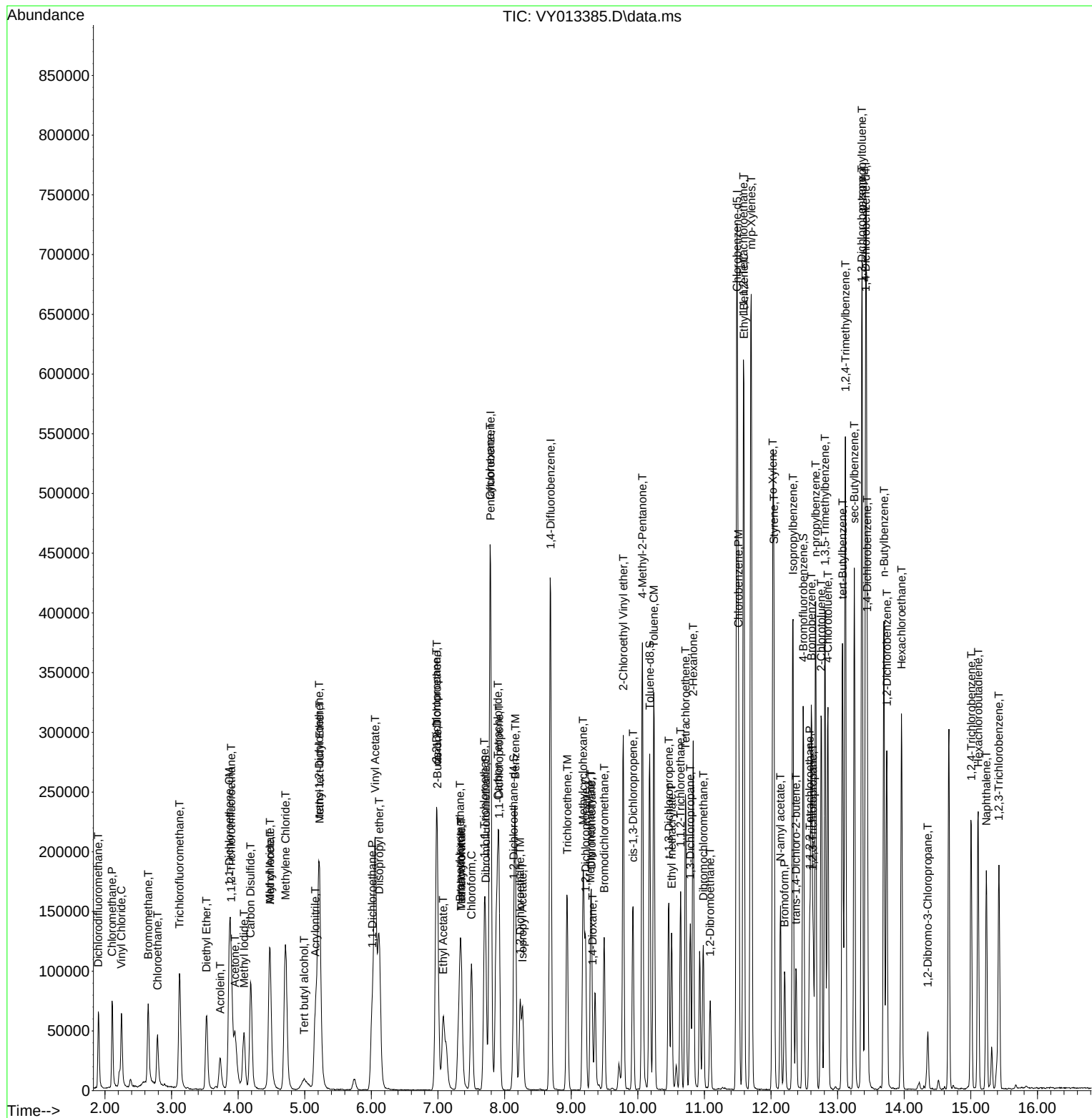
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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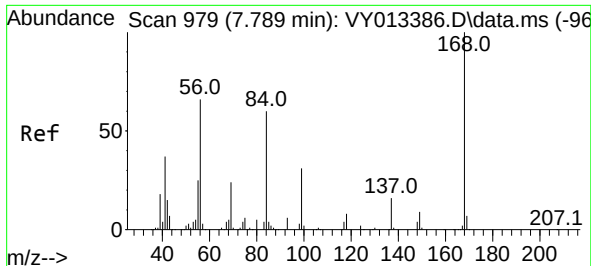
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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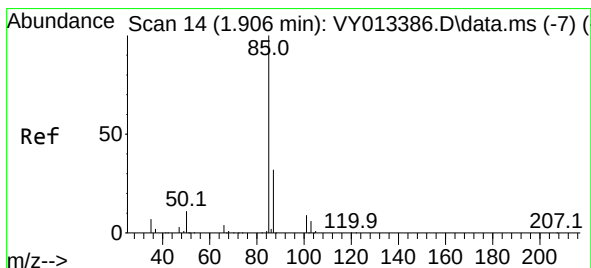
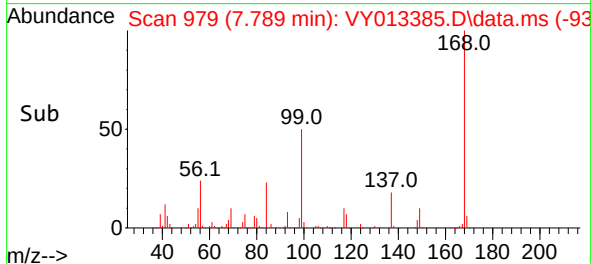
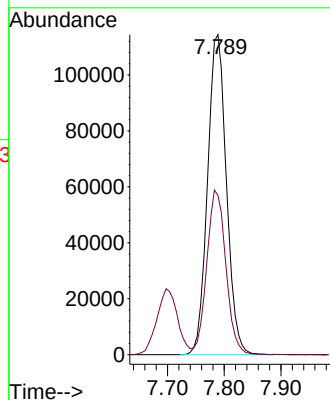
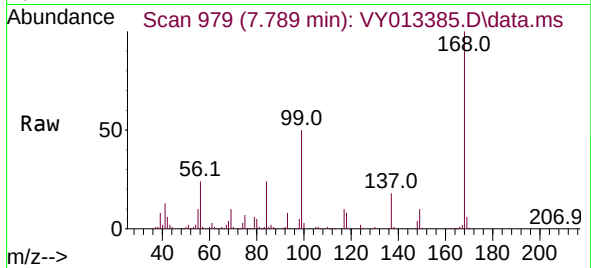




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
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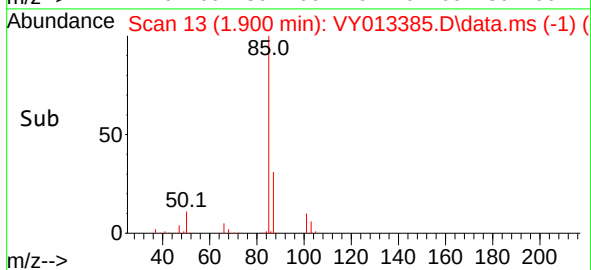
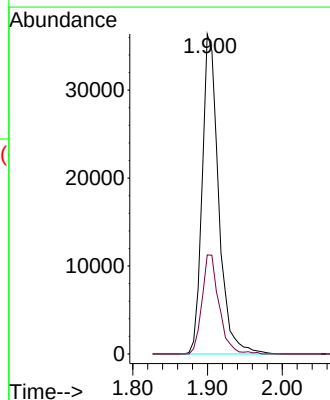
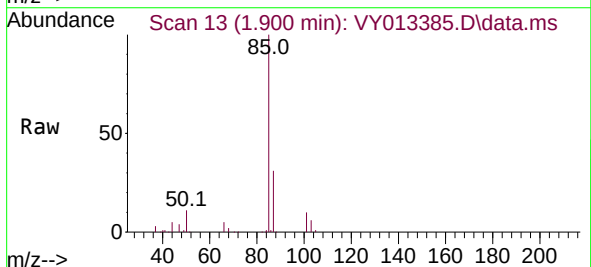
Instrument :
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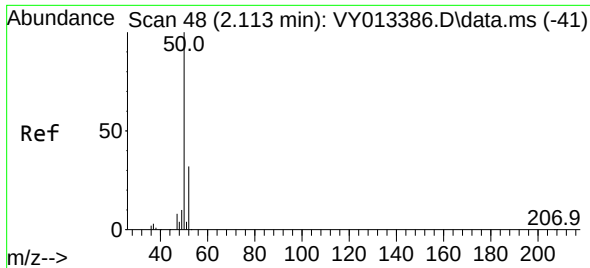
Tgt Ion:168 Resp: 264883
Ion Ratio Lower Upper
168 100
99 49.7 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 20.628 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 85 Resp: 55504
Ion Ratio Lower Upper
85 100
87 30.9 16.1 48.2

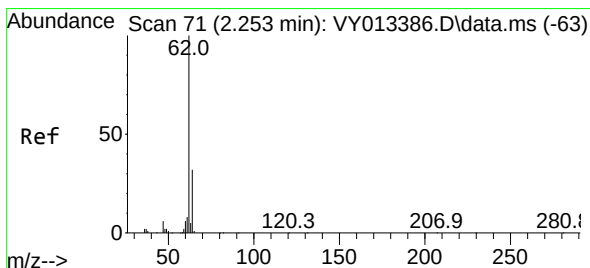
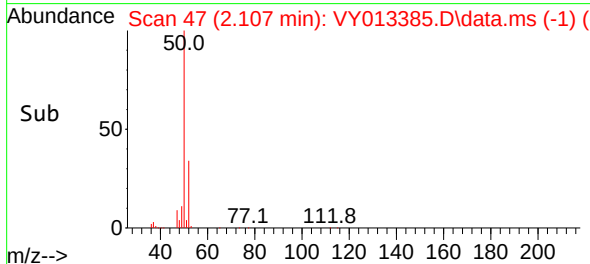
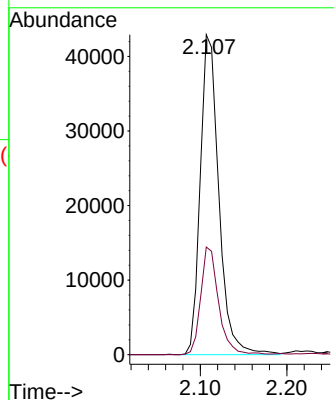
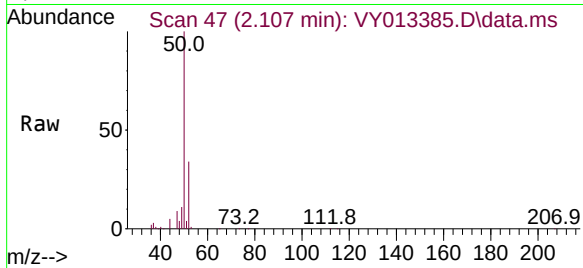




#3
Chloromethane
Concen: 21.654 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

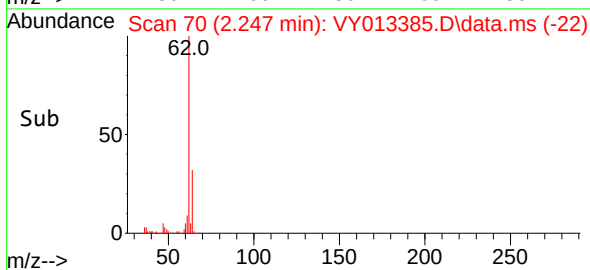
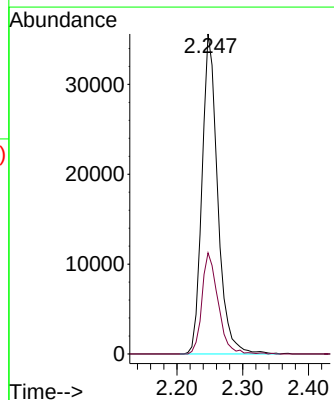
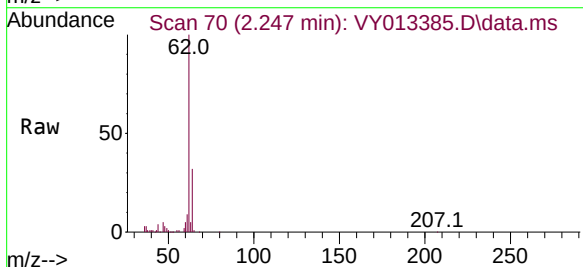
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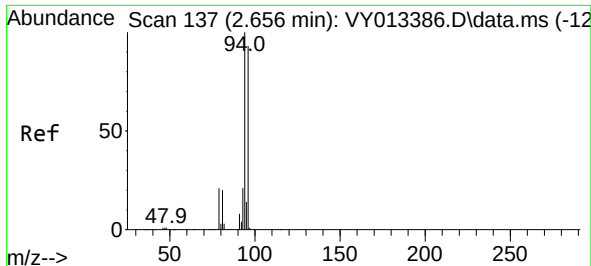
Tgt Ion: 50 Resp: 64041
Ion Ratio Lower Upper
50 100
52 33.6 25.9 38.9



#4
Vinyl Chloride
Concen: 21.186 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 62 Resp: 59092
Ion Ratio Lower Upper
62 100
64 31.6 25.4 38.0

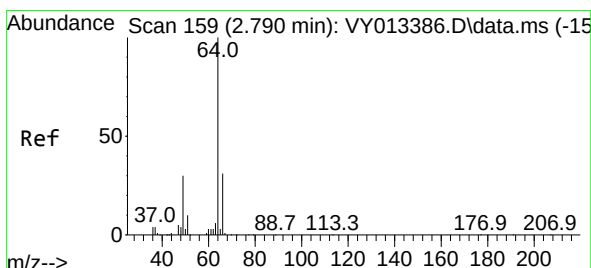
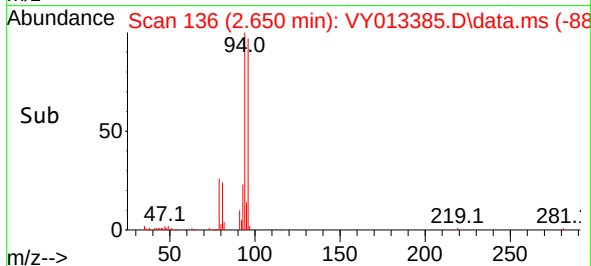
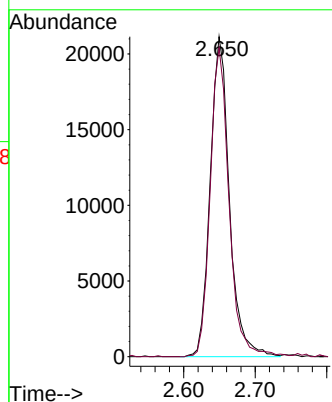
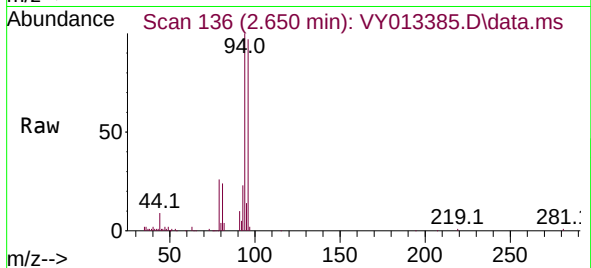




#5
Bromomethane
Concen: 20.797 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013385.D
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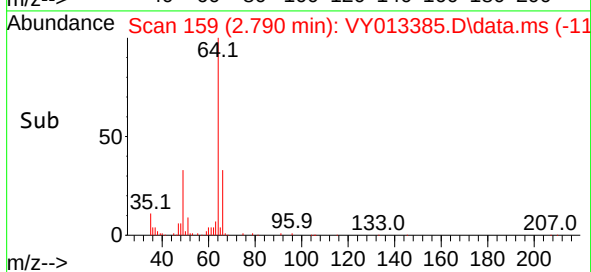
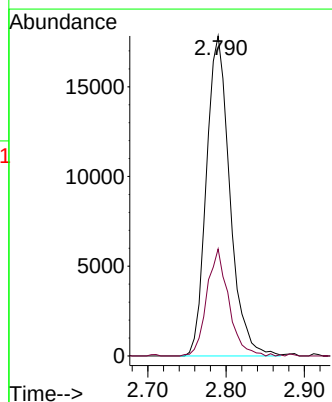
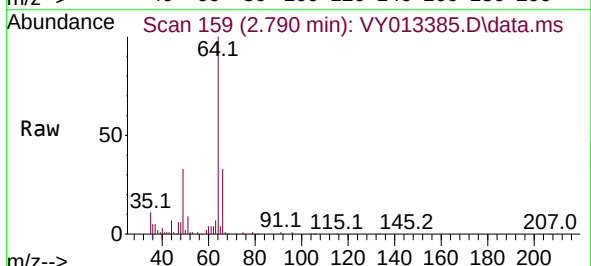
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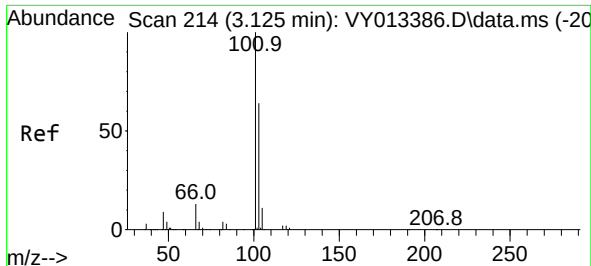
Tgt Ion: 94 Resp: 39487
Ion Ratio Lower Upper
94 100
96 96.5 74.2 111.2



#6
Chloroethane
Concen: 22.082 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 64 Resp: 37064
Ion Ratio Lower Upper
64 100
66 33.5 24.6 37.0

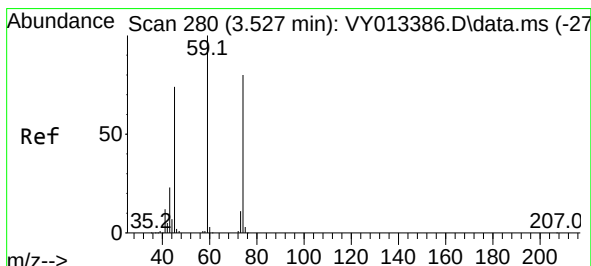
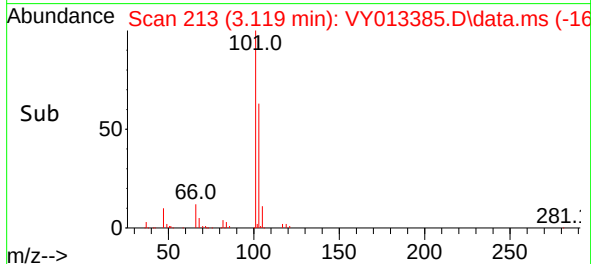
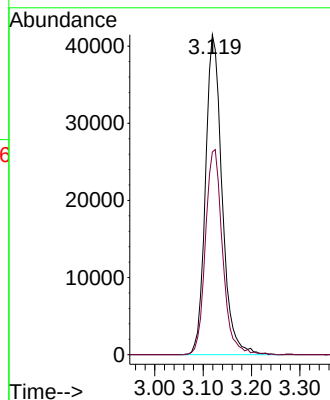
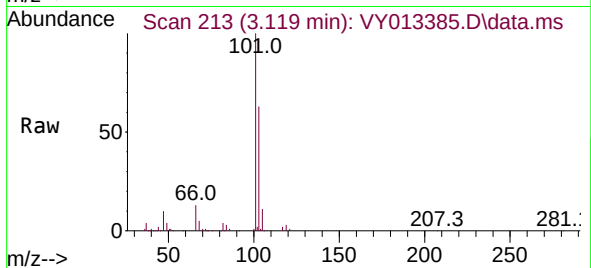




#7
Trichlorofluoromethane
Concen: 21.024 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013385.D
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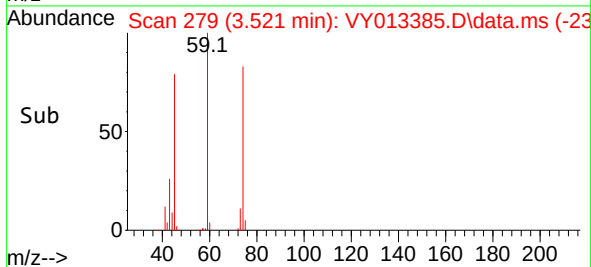
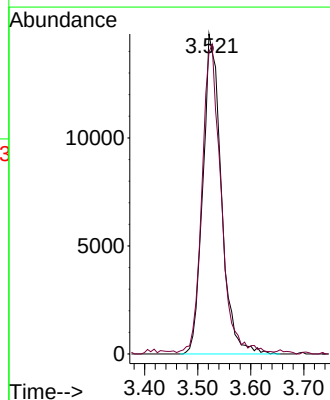
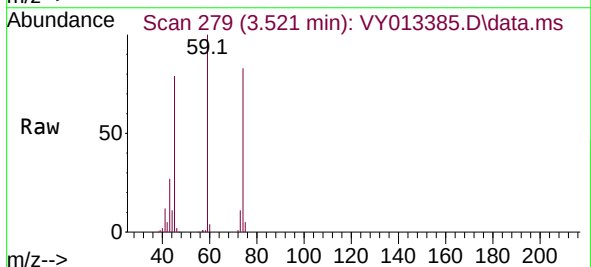
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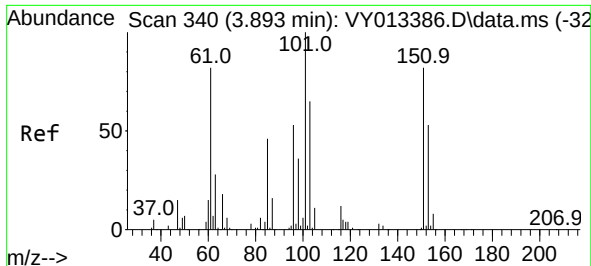
Tgt Ion:101 Resp: 98929
Ion Ratio Lower Upper
101 100
103 63.4 51.6 77.4



#8
Diethyl Ether
Concen: 21.645 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 35753
Ion Ratio Lower Upper
74 100
45 98.8 48.2 144.6

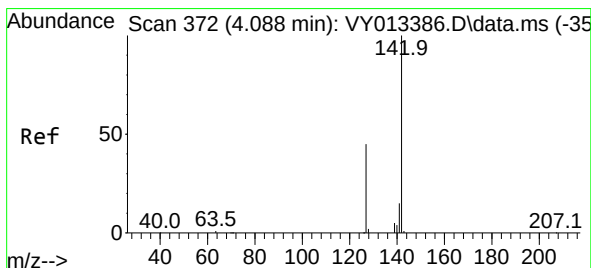
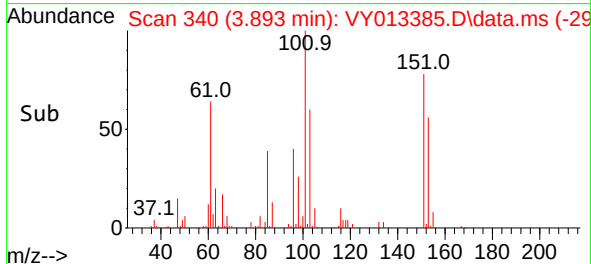
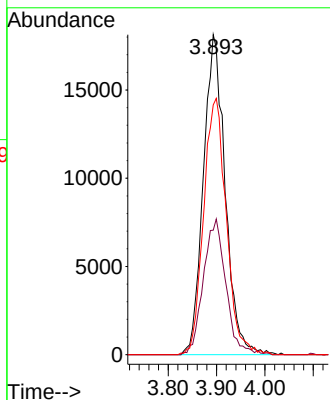
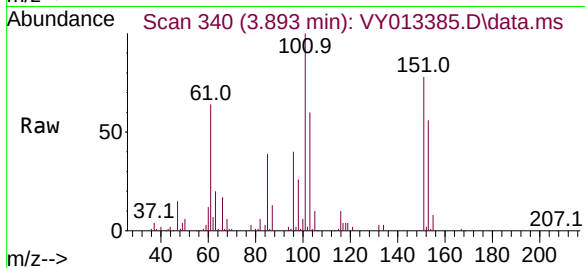




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.151 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

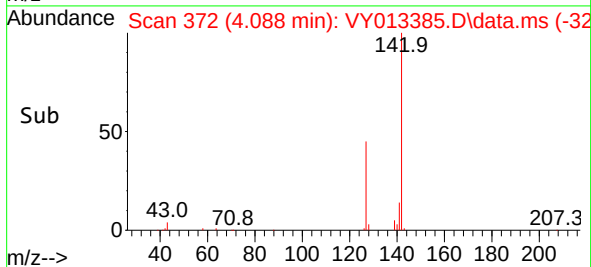
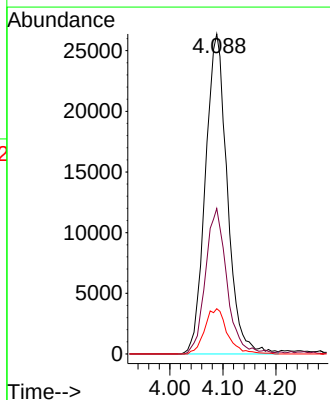
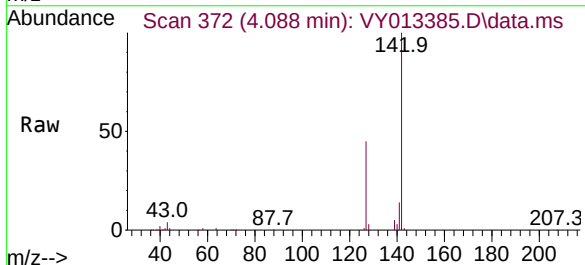
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

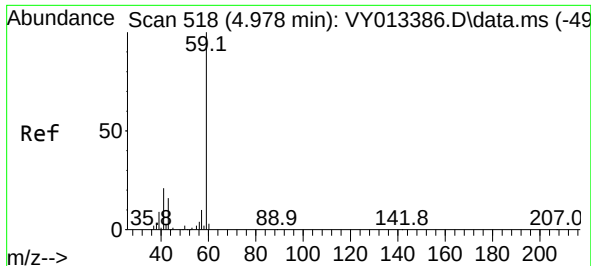
Tgt Ion:101 Resp: 56893
Ion Ratio Lower Upper
101 100
85 43.5 35.6 53.4
151 83.4 68.0 102.0



#10
Methyl Iodide
Concen: 21.091 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:142 Resp: 75641
Ion Ratio Lower Upper
142 100
127 44.7 36.1 54.1
141 14.7 11.6 17.4

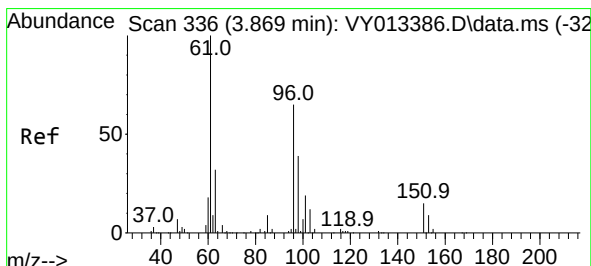
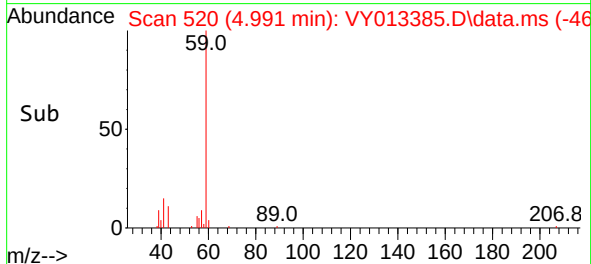
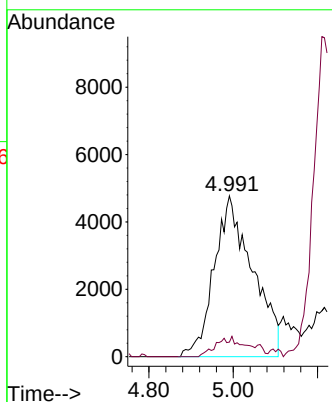
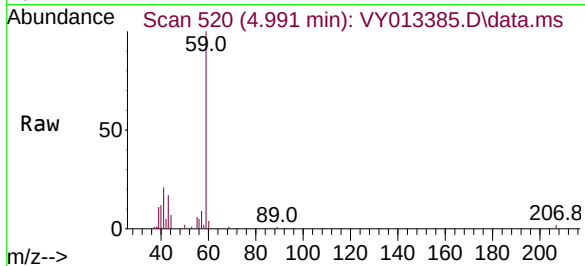




#11
Tert butyl alcohol
Concen: 95.624 ug/l
RT: 4.991 min Scan# 518
Delta R.T. 0.012 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

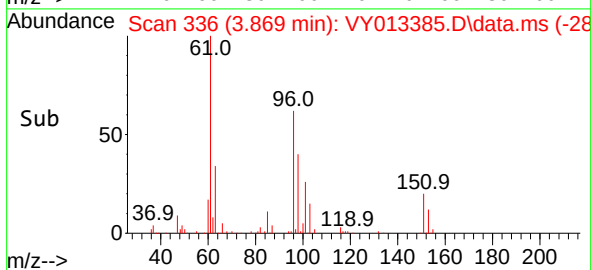
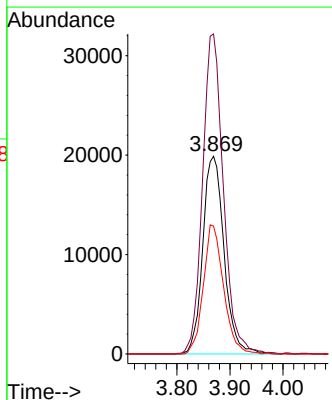
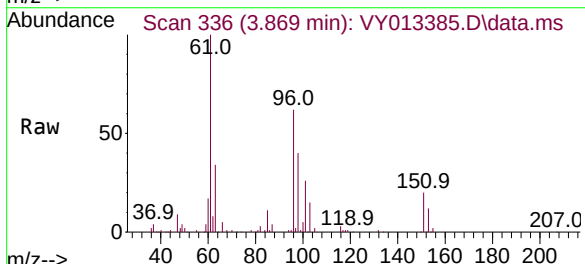
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

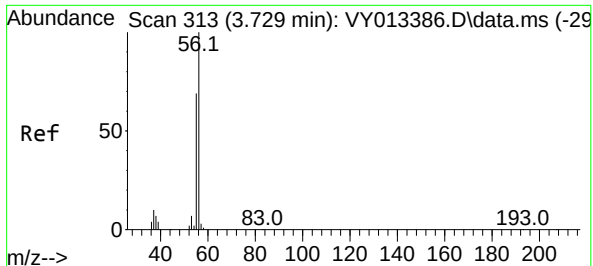
Tgt Ion: 59 Resp: 30146
Ion Ratio Lower Upper
59 100
57 3.9 3.0 4.4



#12
1,1-Dichloroethene
Concen: 21.058 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 96 Resp: 55485
Ion Ratio Lower Upper
96 100
61 161.6 123.9 185.9
98 64.6 48.9 73.3





#13

Acrolein

Concen: 116.804 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

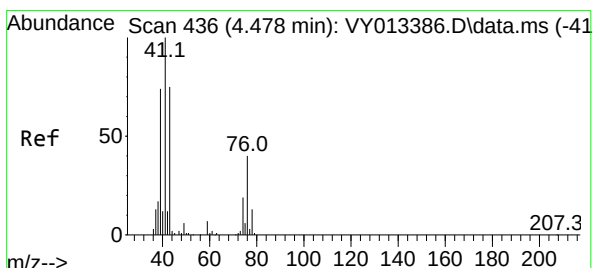
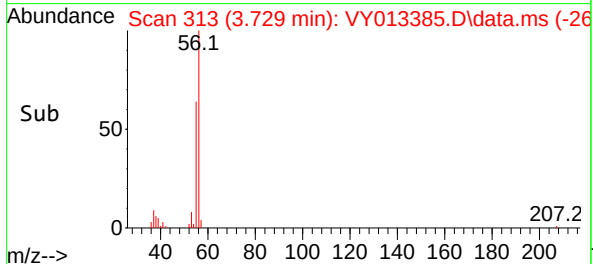
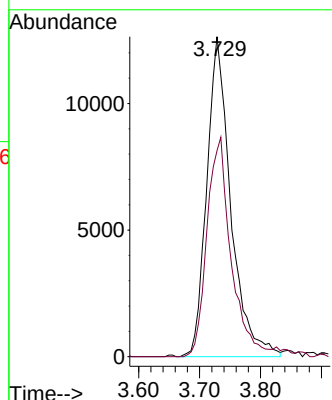
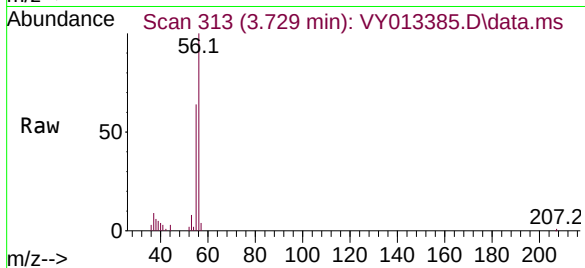
VSTDICC020

Tgt Ion: 56 Resp: 34548

Ion Ratio Lower Upper

56 100

55 68.9 54.1 81.1



#14

Allyl chloride

Concen: 20.838 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

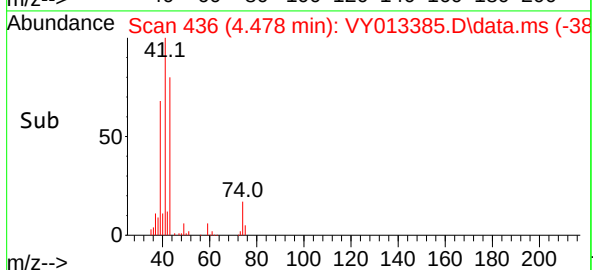
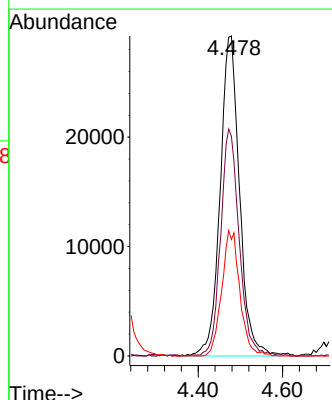
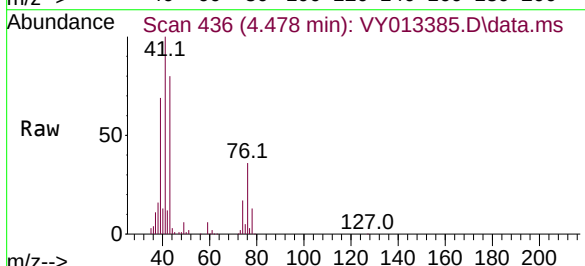
Tgt Ion: 41 Resp: 93025

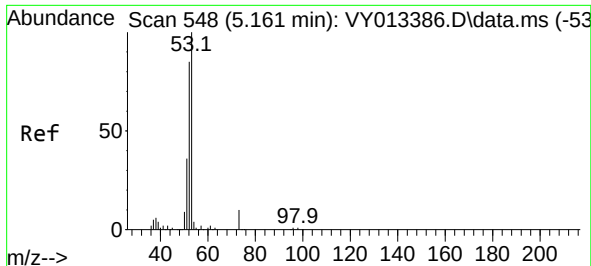
Ion Ratio Lower Upper

41 100

39 68.0 56.6 85.0

76 36.7 30.5 45.7





#15

Acrylonitrile

Concen: 108.119 ug/l

RT: 5.161 min Scan# 54

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

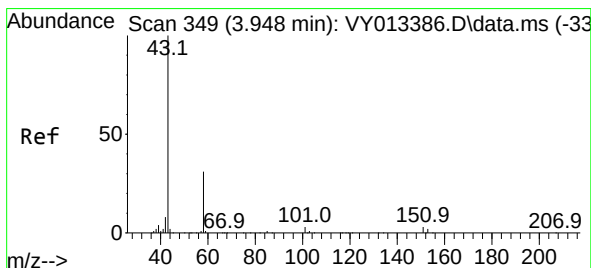
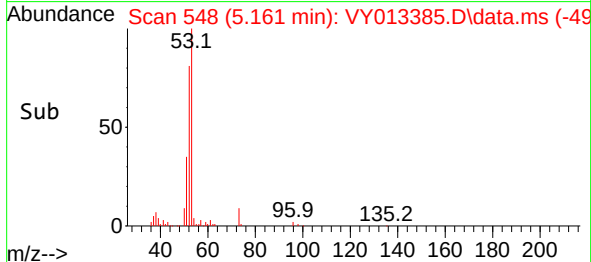
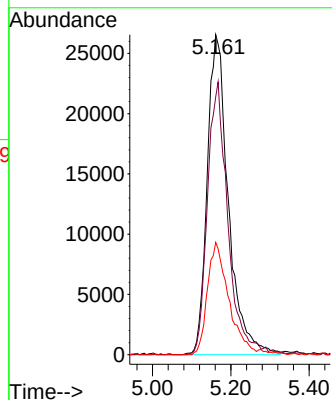
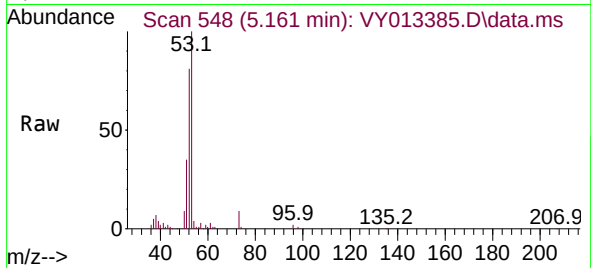
Tgt Ion: 53 Resp: 99264

Ion Ratio Lower Upper

53 100

52 82.8 65.4 98.0

51 35.3 29.3 43.9



#16

Acetone

Concen: 88.843 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.006 min

Lab File: VY013385.D

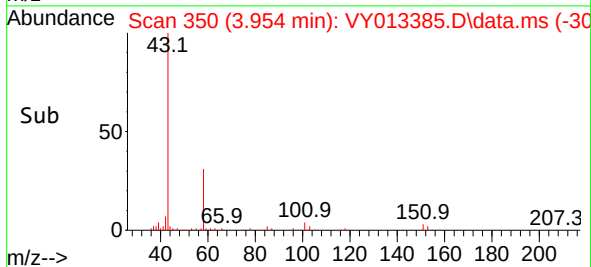
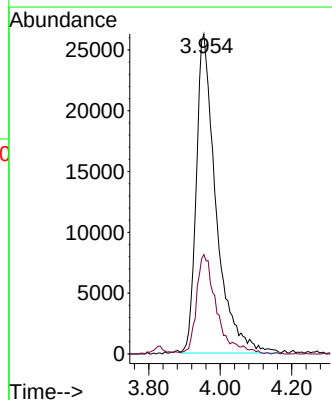
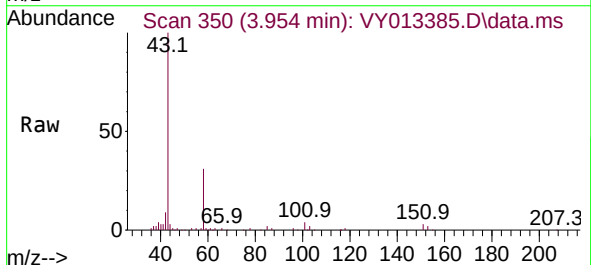
Acq: 21 Apr 2023 14:57

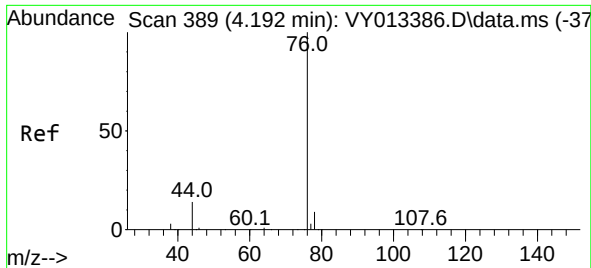
Tgt Ion: 43 Resp: 100844

Ion Ratio Lower Upper

43 100

58 31.2 25.4 38.0

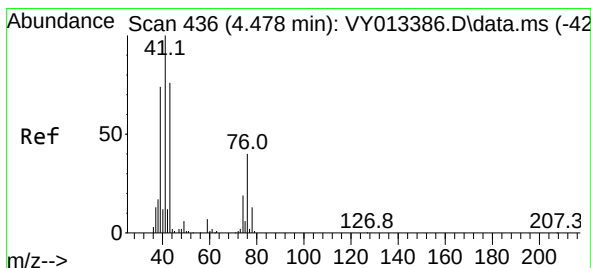
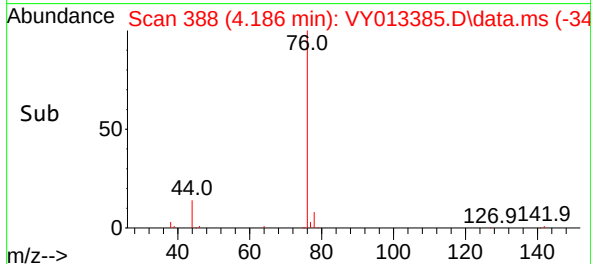
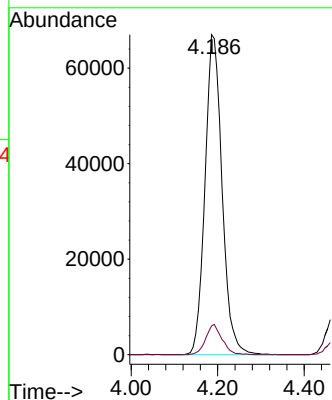
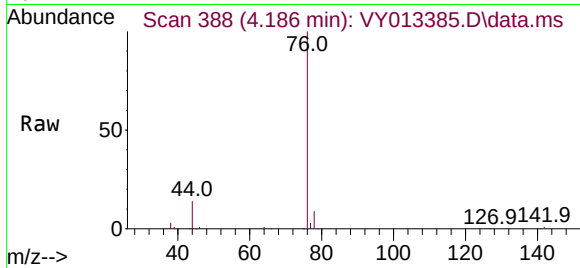




#17
Carbon Disulfide
Concen: 21.466 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

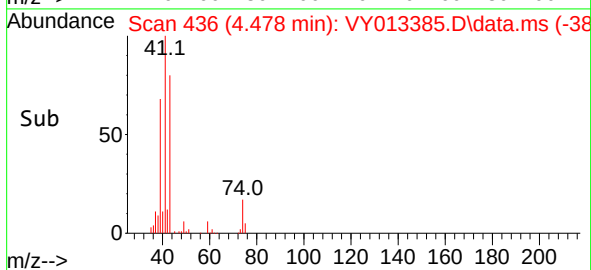
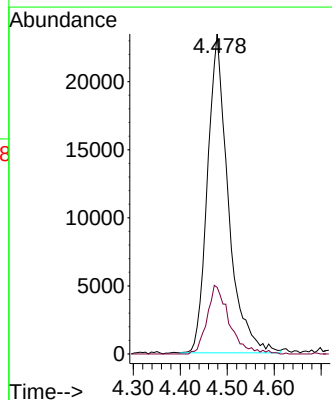
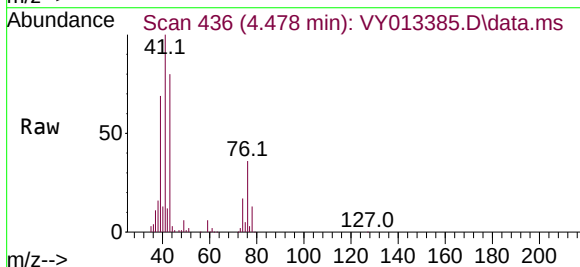
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

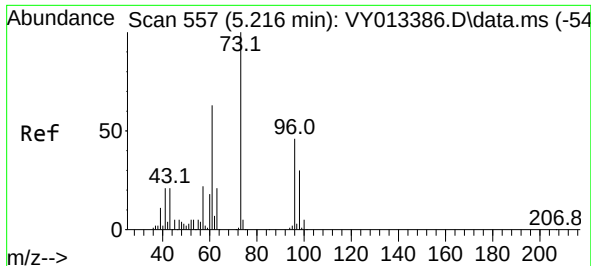
Tgt Ion: 76 Resp: 183511
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 20.721 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 43 Resp: 71902
Ion Ratio Lower Upper
43 100
74 22.7 19.4 29.2

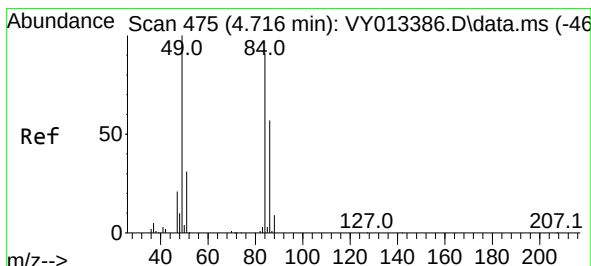
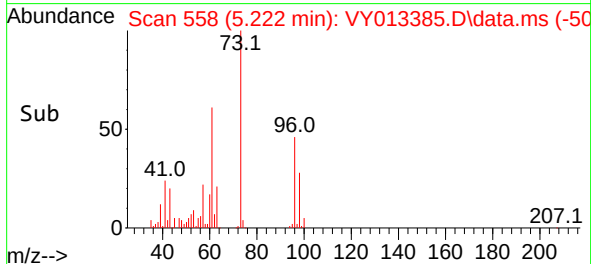
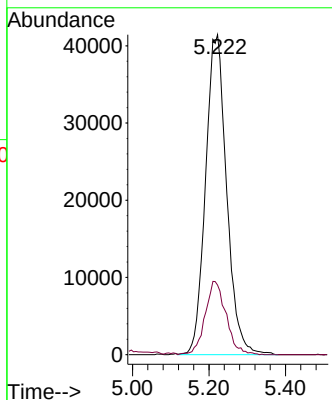
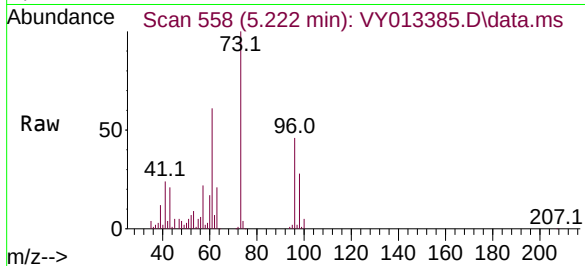




#19
Methyl tert-butyl Ether
Concen: 21.326 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

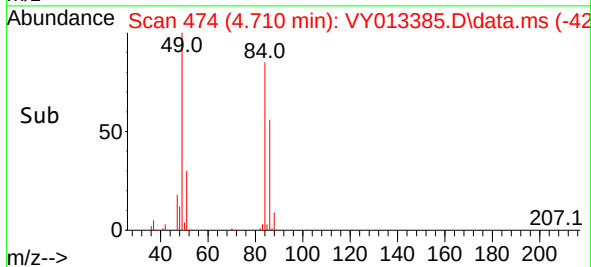
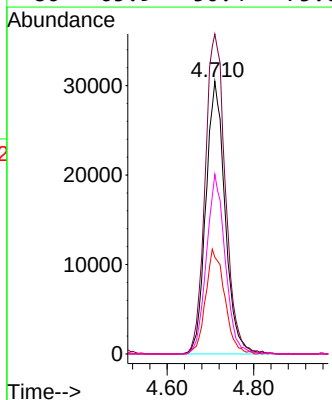
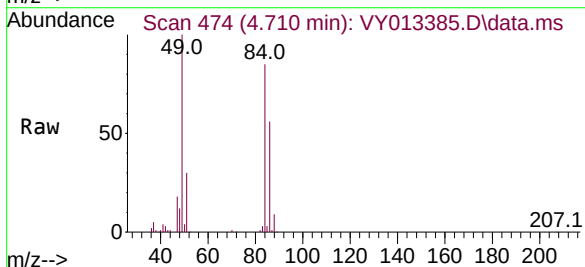
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

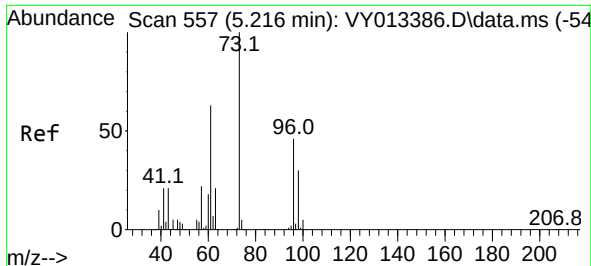
Tgt Ion: 73 Resp: 158537
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 23.394 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 84 Resp: 93993
Ion Ratio Lower Upper
84 100
49 117.4 88.0 132.0
51 35.5 27.4 41.0
86 65.9 50.4 75.6

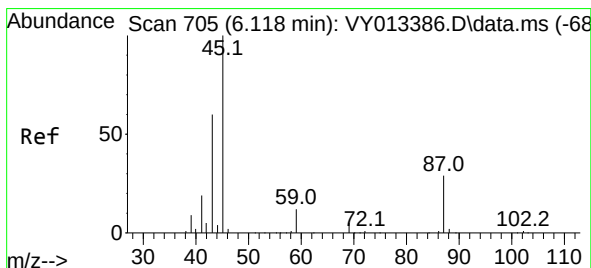
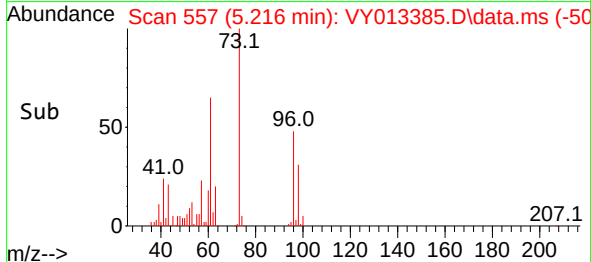
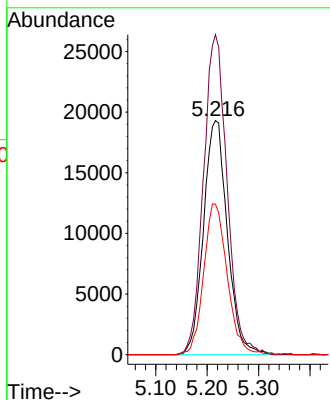
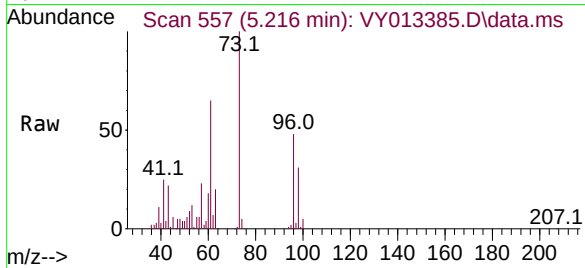




#21
trans-1,2-Dichloroethene
Concen: 21.140 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

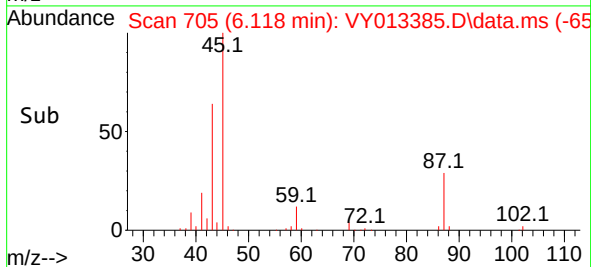
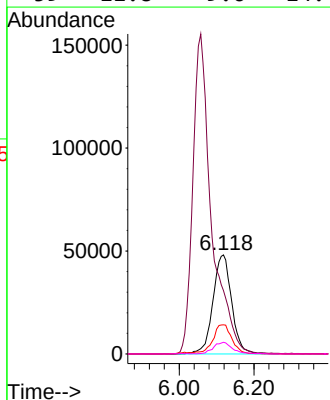
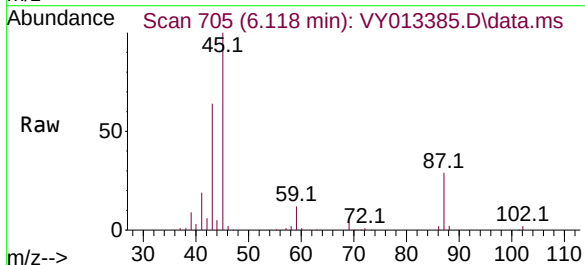
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

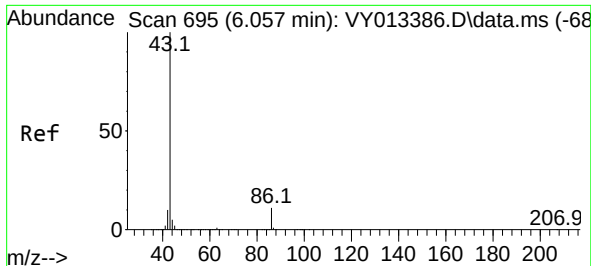
Tgt Ion: 96 Resp: 62201
Ion Ratio Lower Upper
96 100
61 136.4 110.6 165.8
98 64.2 53.1 79.7



#22
Diisopropyl ether
Concen: 19.928 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 45 Resp: 167111
Ion Ratio Lower Upper
45 100
43 63.3 48.4 72.6
87 29.4 23.8 35.6
59 11.8 9.6 14.4

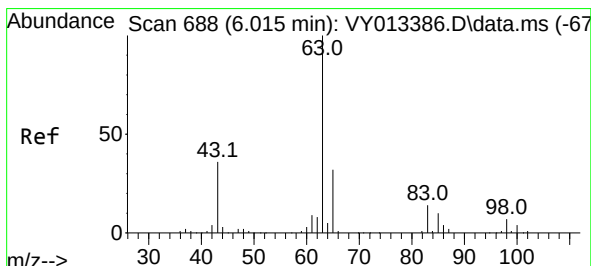
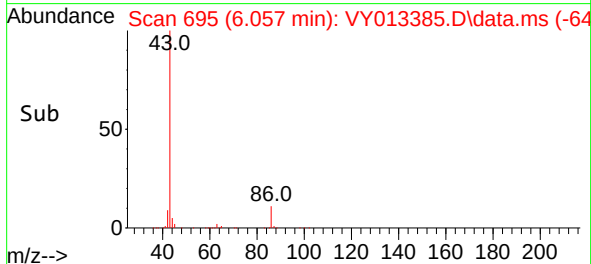
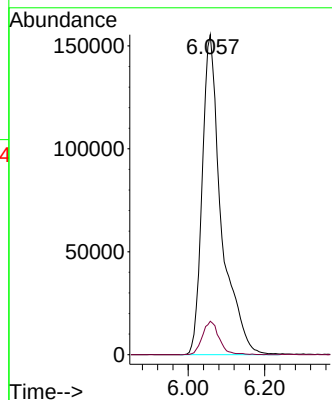
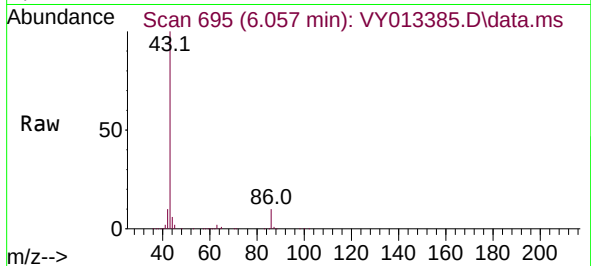




#23
 Vinyl Acetate
 Concen: 100.882 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013385.D
 Acq: 21 Apr 2023 14:57

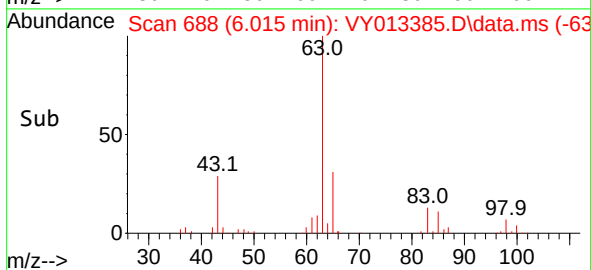
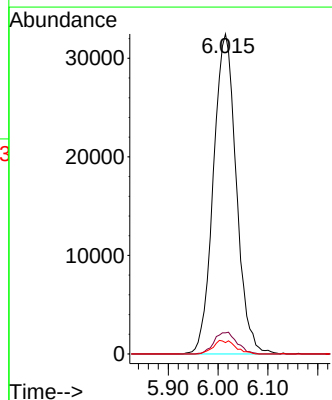
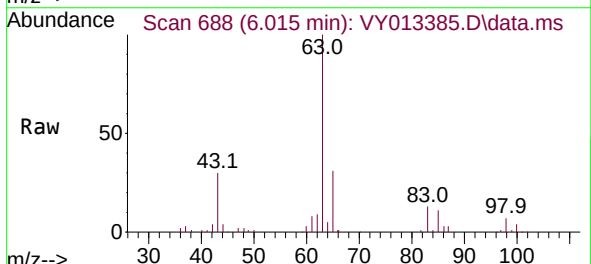
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

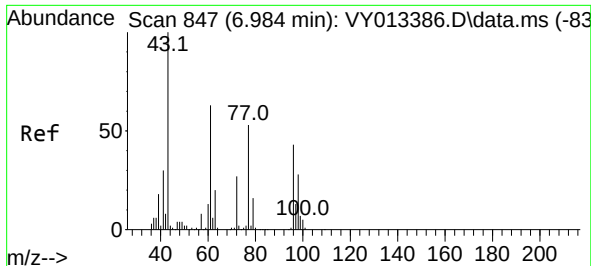
Tgt Ion: 43 Resp: 540295
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 20.379 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY013385.D
 Acq: 21 Apr 2023 14:57

Tgt Ion: 63 Resp: 103678
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.6
 100 3.6 2.2 6.6

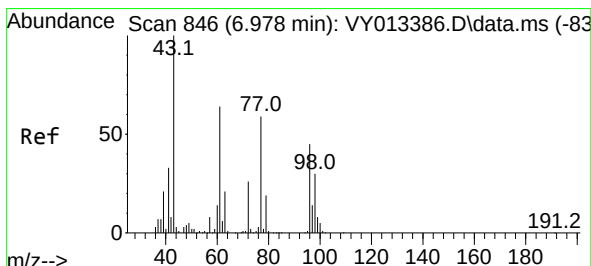
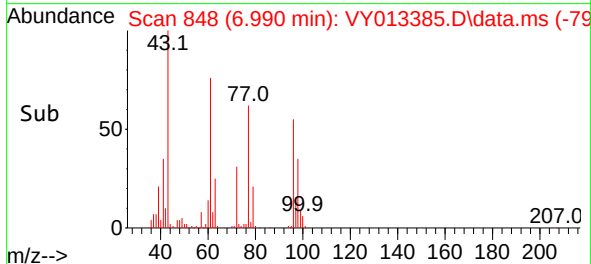
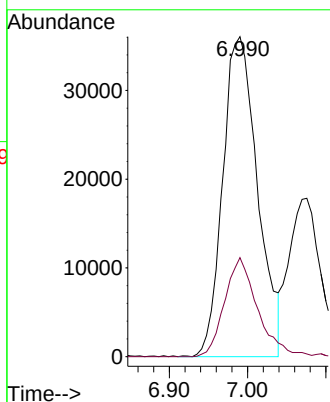
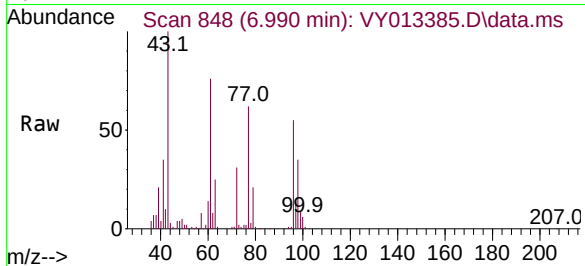




#25
2-Butanone
Concen: 85.237 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

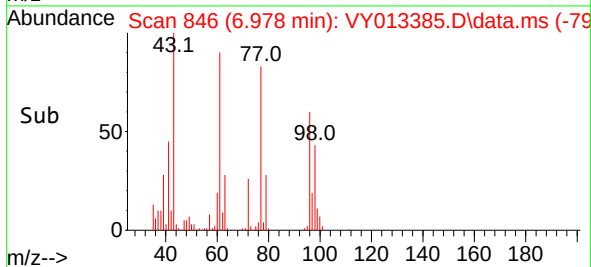
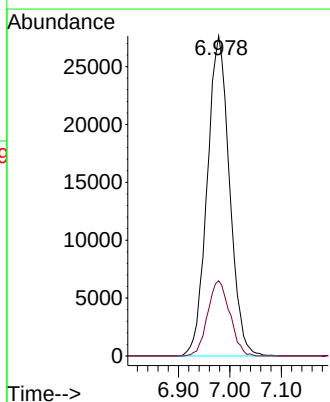
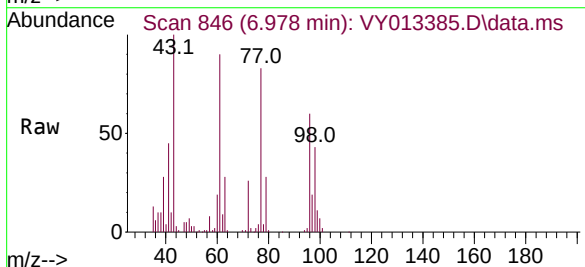
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

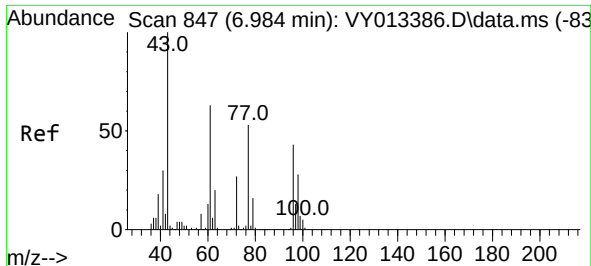
Tgt Ion: 43 Resp: 111683
Ion Ratio Lower Upper
43 100
72 31.0 21.9 32.9



#26
2,2-Dichloropropane
Concen: 19.137 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 77 Resp: 83390
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4



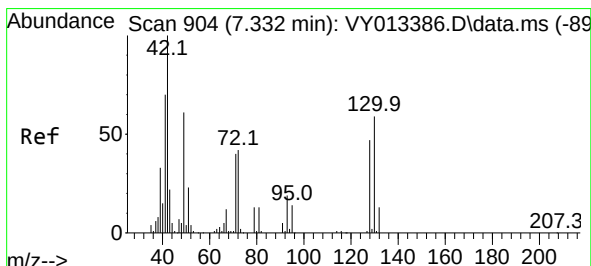
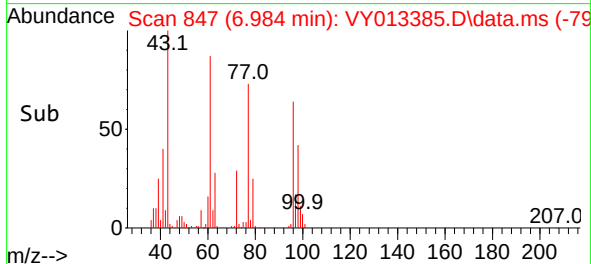
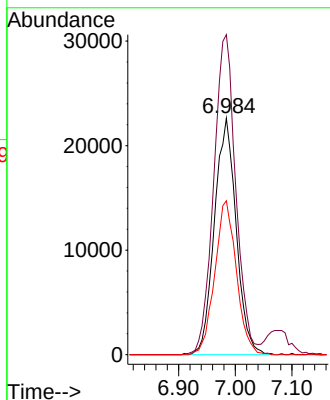
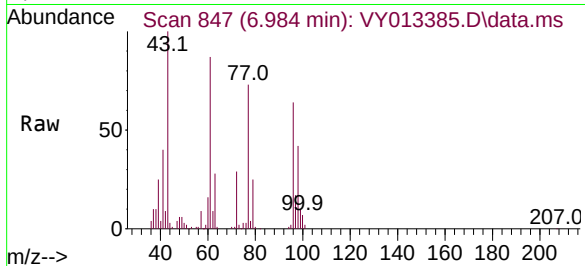


#27
 cis-1,2-Dichloroethene
 Concen: 19.354 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013385.D
 Acq: 21 Apr 2023 14:57

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC020

Tgt Ion: 96 Resp: 60229

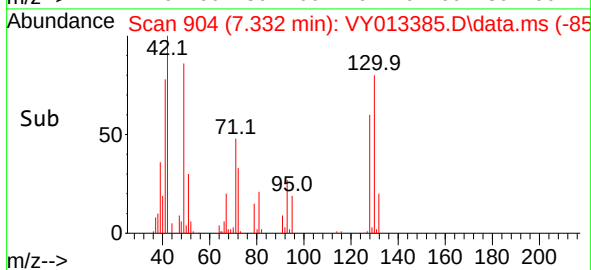
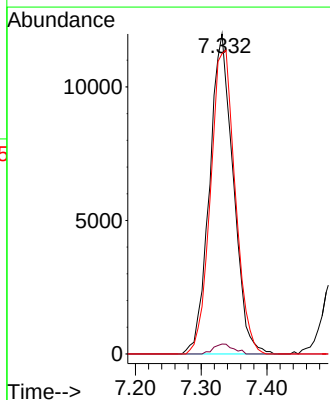
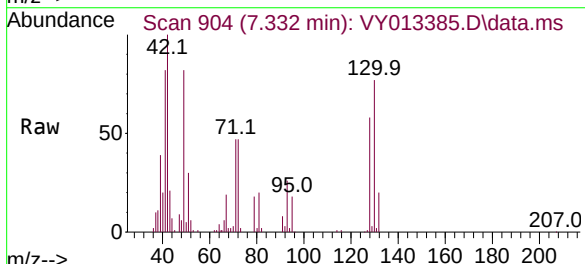
Ion	Ratio	Lower	Upper
96	100		
61	137.9	0.0	285.0
98	65.0	0.0	130.6

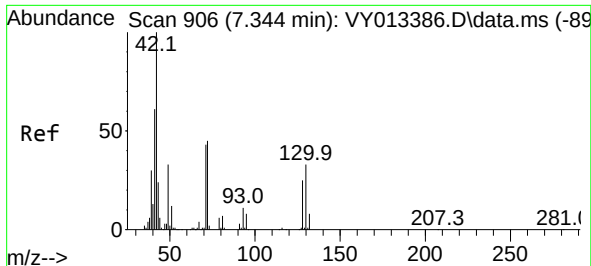


#28
 Bromochloromethane
 Concen: 17.793 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013385.D
 Acq: 21 Apr 2023 14:57

Tgt Ion: 49 Resp: 30176

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.2
130	98.3	72.1	108.1





#29

Tetrahydrofuran

Concen: 87.867 ug/l

RT: 7.350 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

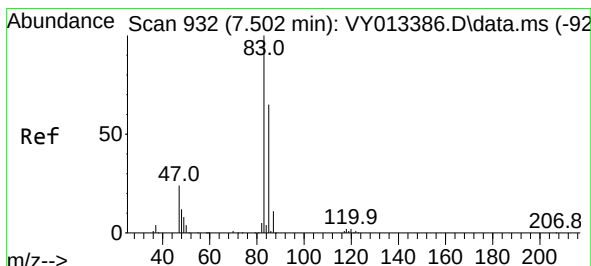
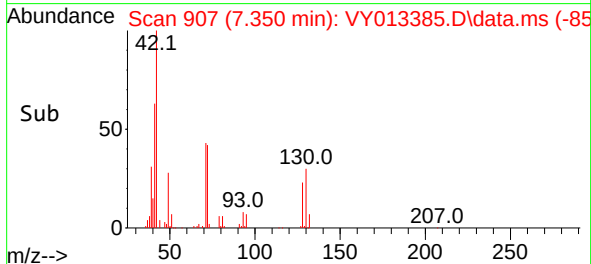
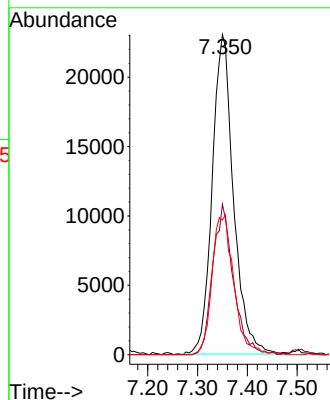
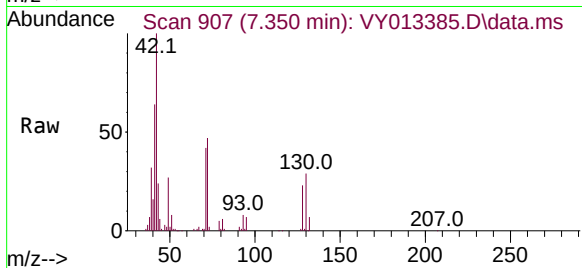
Tgt Ion: 42 Resp: 68173

Ion Ratio Lower Upper

42 100

72 45.8 35.9 53.9

71 44.9 34.3 51.5



#30

Chloroform

Concen: 18.969 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013385.D

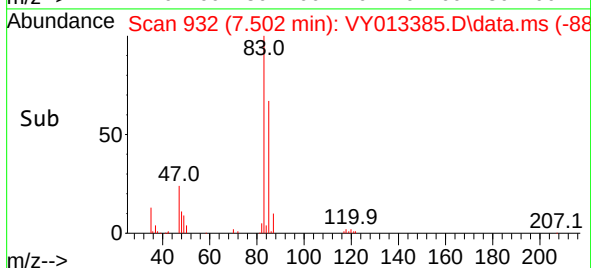
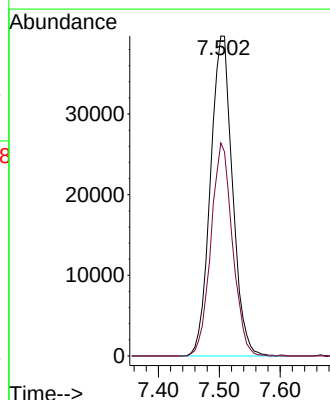
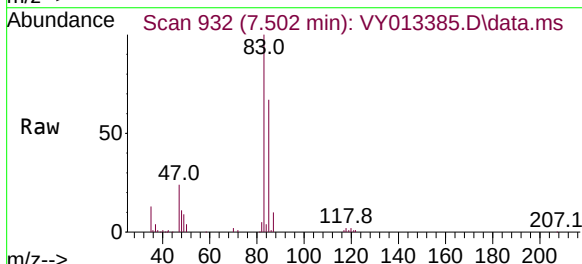
Acq: 21 Apr 2023 14:57

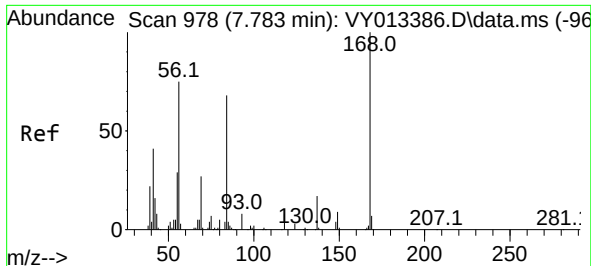
Tgt Ion: 83 Resp: 99768

Ion Ratio Lower Upper

83 100

85 66.6 52.0 78.0

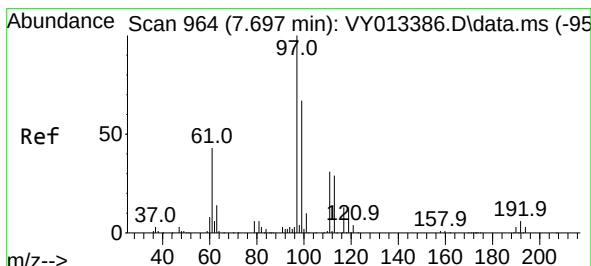
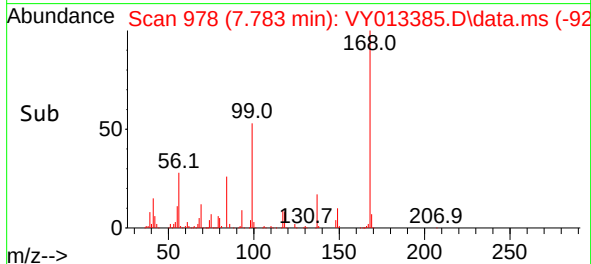
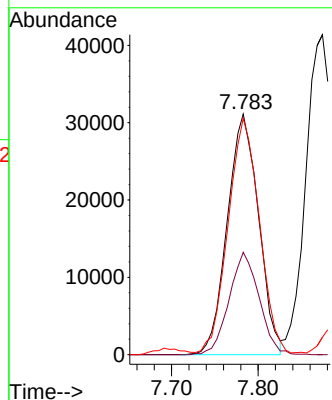
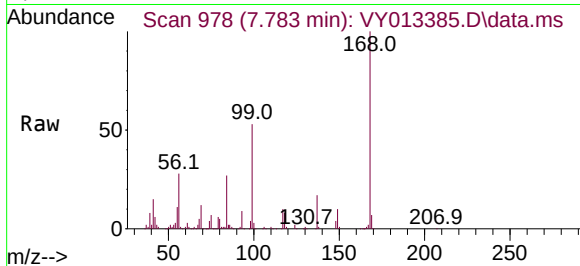




#31
Cyclohexane
Concen: 17.727 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

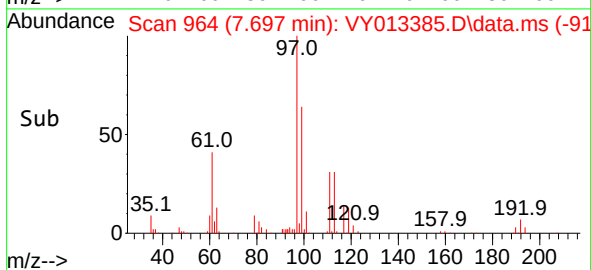
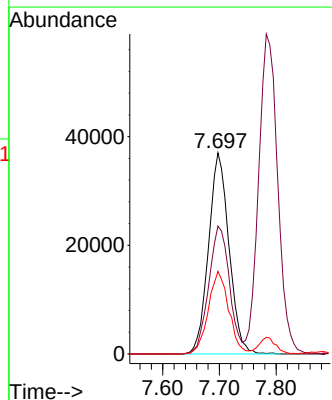
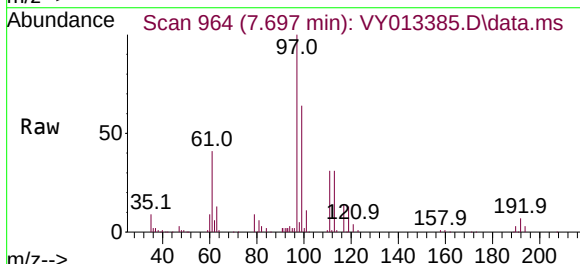
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

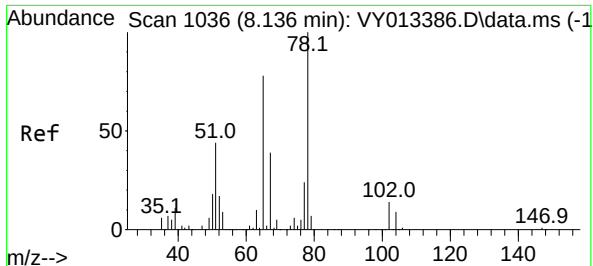
Tgt Ion: 56 Resp: 78045
Ion Ratio Lower Upper
56 100
69 42.6 29.2 43.8
84 96.6 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 19.890 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 97 Resp: 92686
Ion Ratio Lower Upper
97 100
99 64.5 52.2 78.2
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 20.241 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

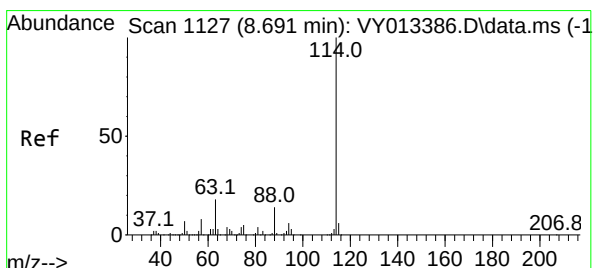
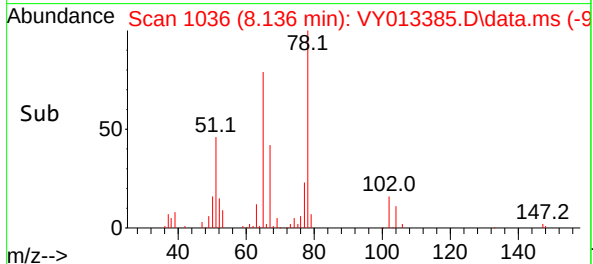
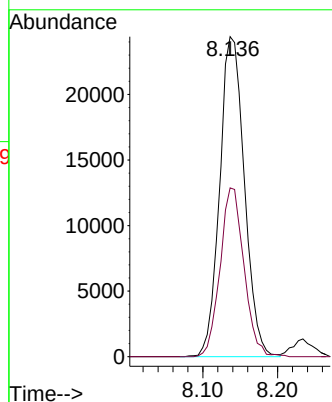
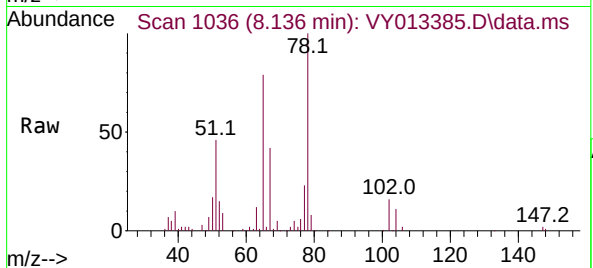
VSTDICC020

Tgt Ion: 65 Resp: 56196

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

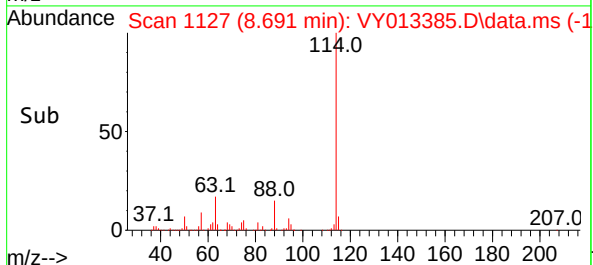
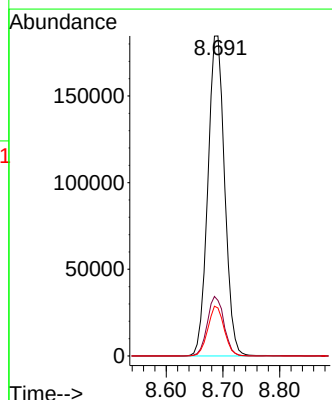
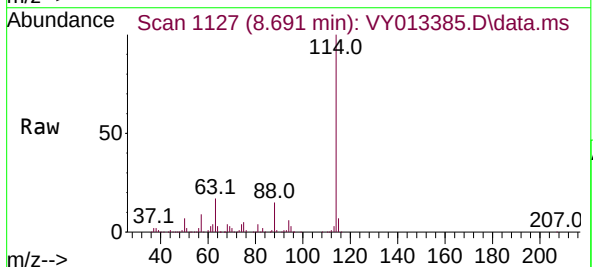
Tgt Ion: 114 Resp: 378109

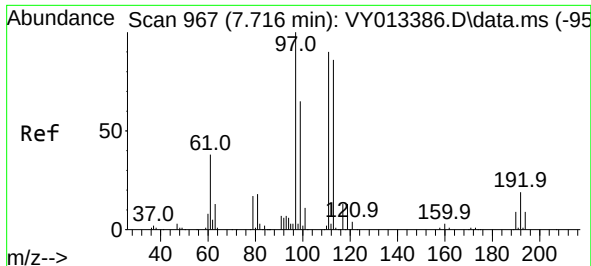
Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.0 0.0 28.8

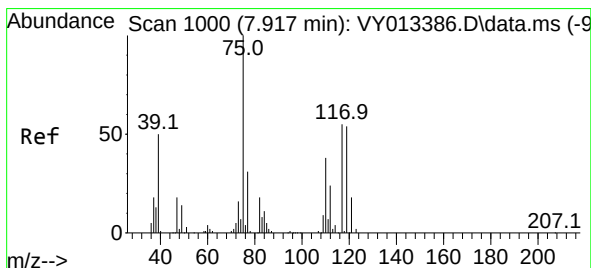
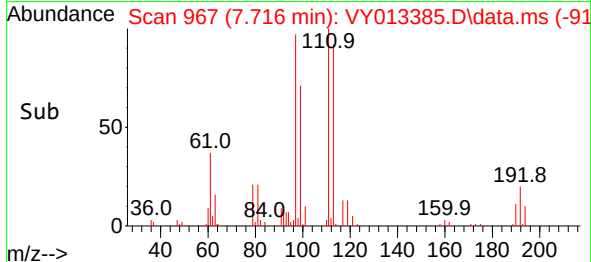
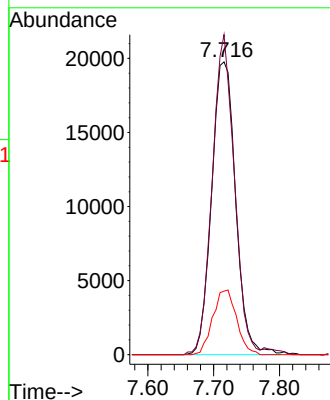
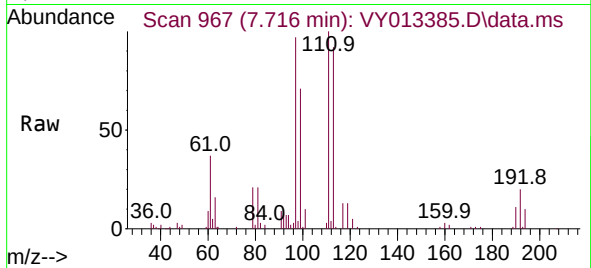




#35
Dibromofluoromethane
Concen: 21.233 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

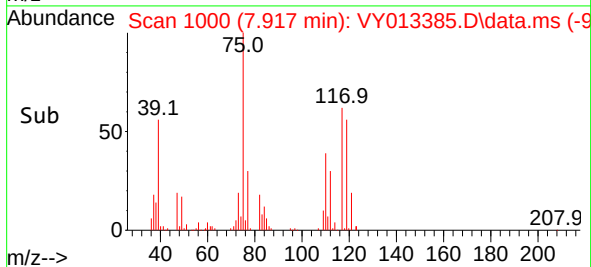
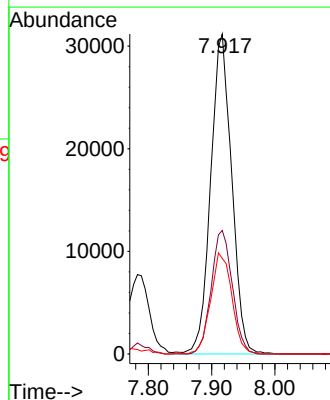
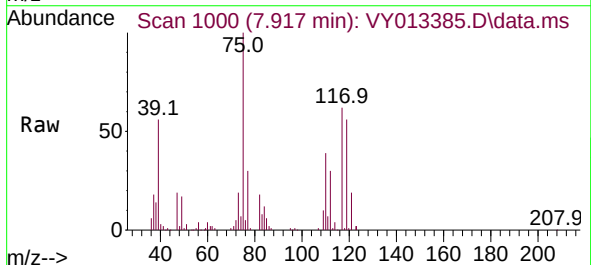
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

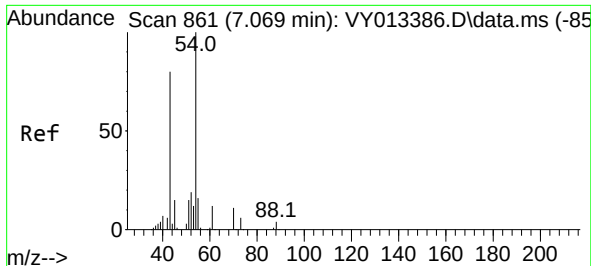
Tgt Ion:113 Resp: 50248
Ion Ratio Lower Upper
113 100
111 100.6 82.2 123.2
192 21.9 16.7 25.1



#36
1,1-Dichloropropene
Concen: 19.981 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 75 Resp: 71824
Ion Ratio Lower Upper
75 100
110 38.6 18.7 56.1
77 32.0 24.6 37.0

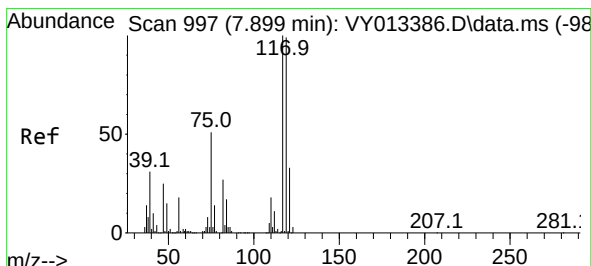
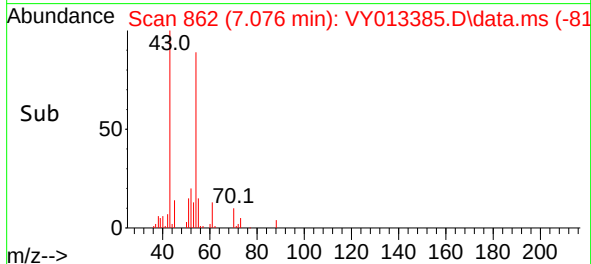
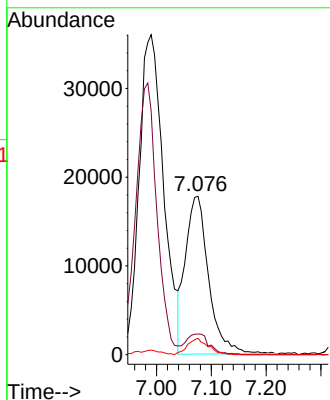
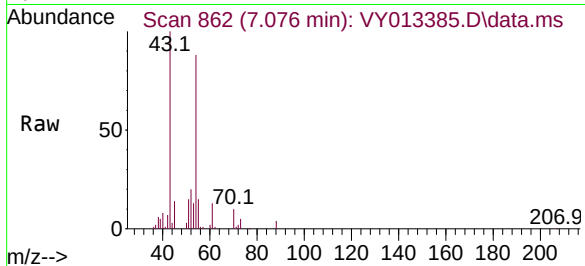




#37
Ethyl Acetate
Concen: 19.443 ug/l
RT: 7.076 min Scan# 861
Delta R.T. 0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

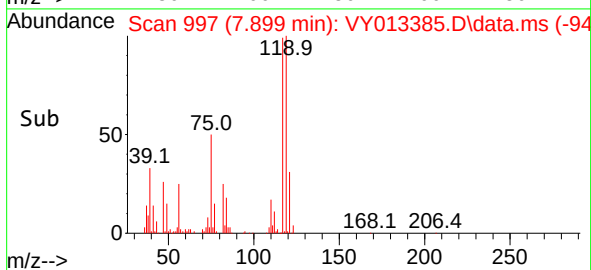
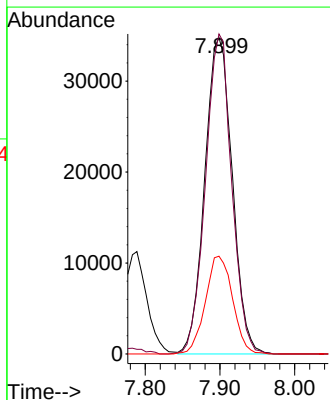
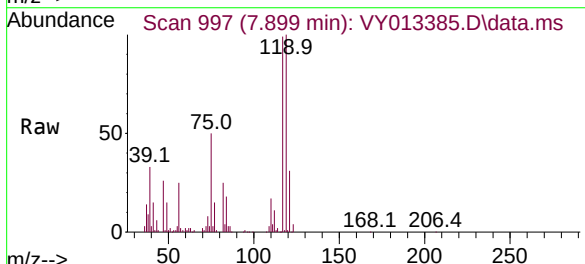
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

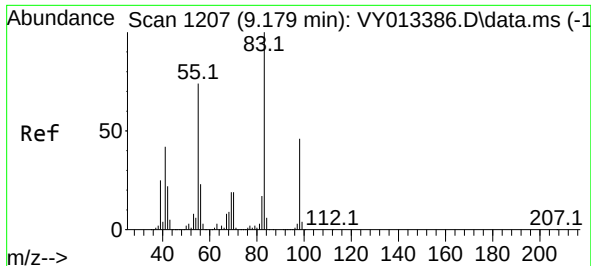
Tgt Ion: 43 Resp: 52344
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.0
70 9.1 7.9 11.9



#38
Carbon Tetrachloride
Concen: 21.373 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 117 Resp: 88930
Ion Ratio Lower Upper
117 100
119 101.1 79.0 118.6
121 30.9 26.6 40.0





#39

Methylcyclohexane

Concen: 18.207 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

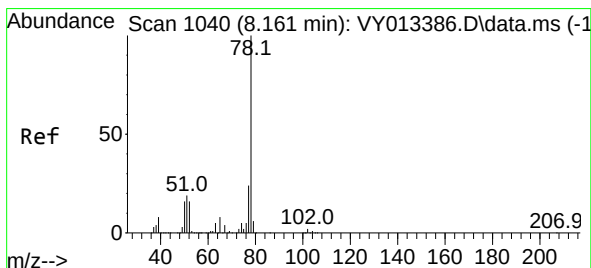
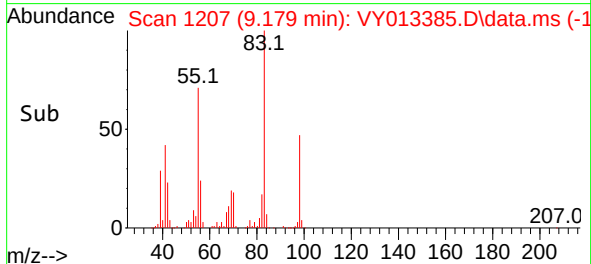
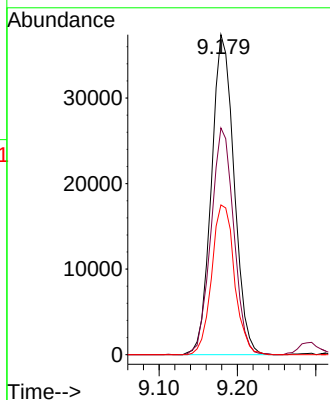
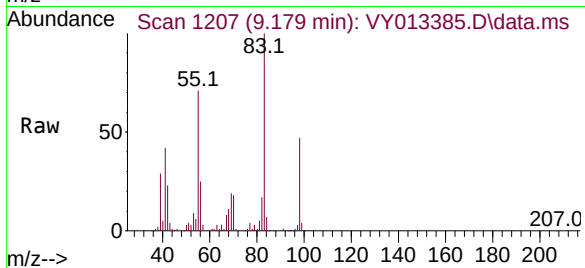
Tgt Ion: 83 Resp: 75163

Ion Ratio Lower Upper

83 100

55 70.8 59.0 88.4

98 46.8 37.0 55.4



#40

Benzene

Concen: 19.533 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013385.D

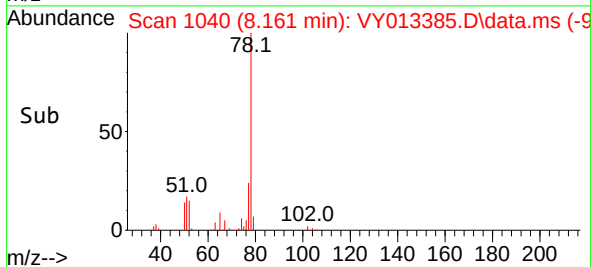
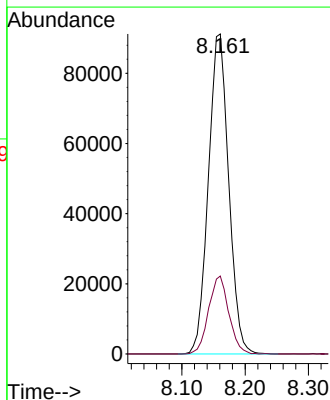
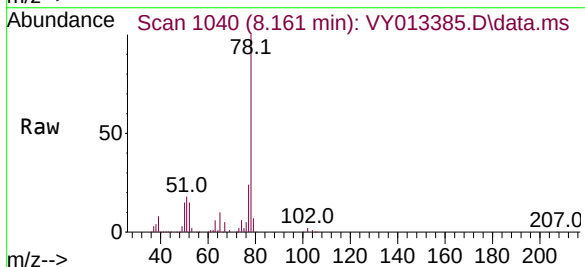
Acq: 21 Apr 2023 14:57

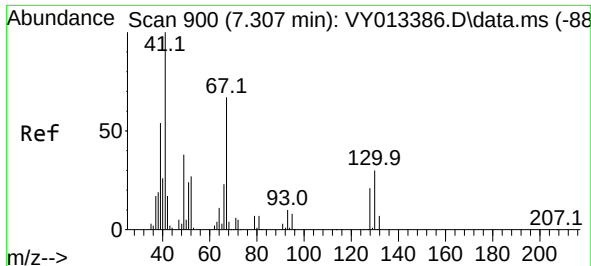
Tgt Ion: 78 Resp: 203508

Ion Ratio Lower Upper

78 100

77 24.4 19.2 28.8

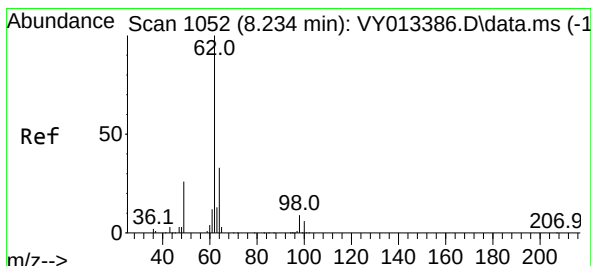
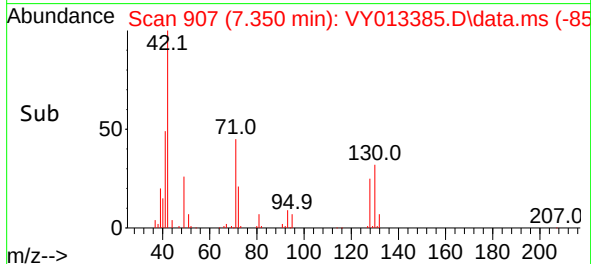
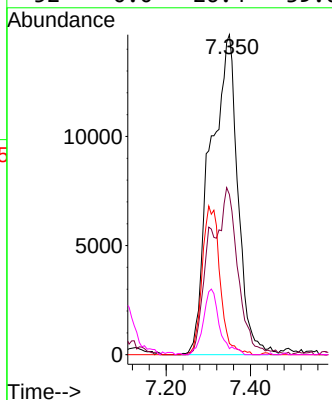
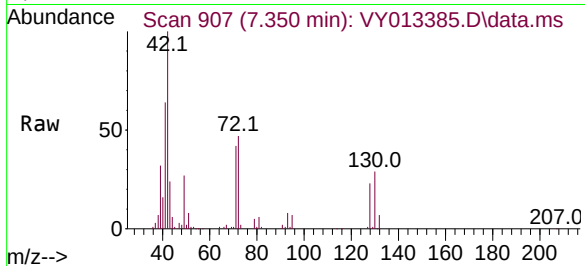




#41
Methacrylonitrile
Concen: 50.643 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.043 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

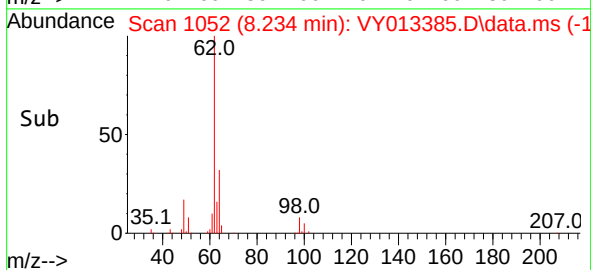
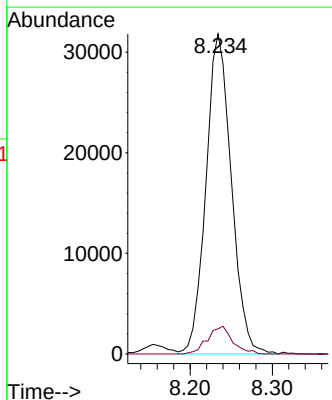
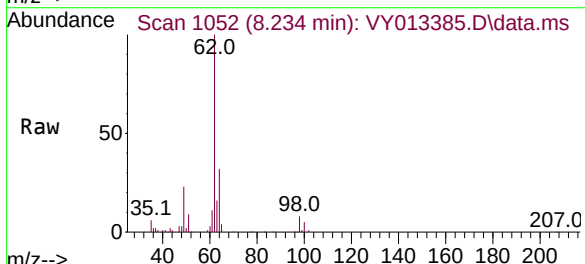
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

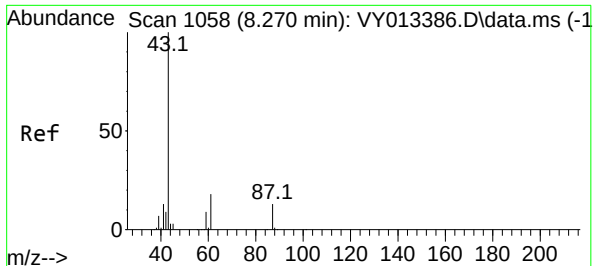
Tgt Ion:	41	Resp:	66052
Ion	Ratio	Lower	Upper
41	100		
39	28.1	44.2	66.4#
67	0.0	62.9	94.3#
52	0.0	26.4	39.6#



#42
1,2-Dichloroethane
Concen: 19.923 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:	62	Resp:	68317
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

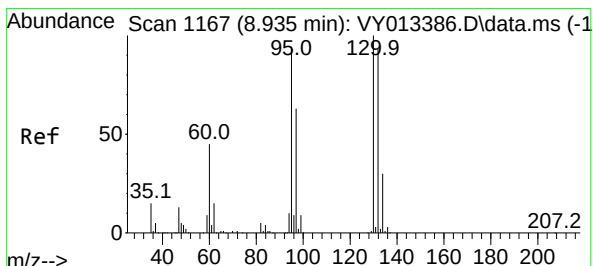
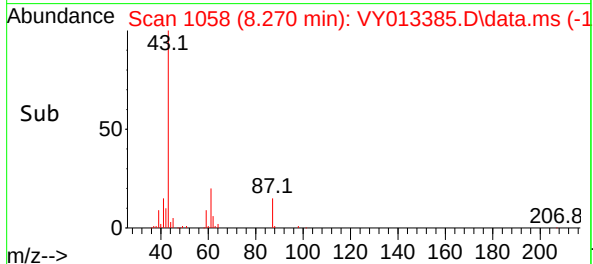
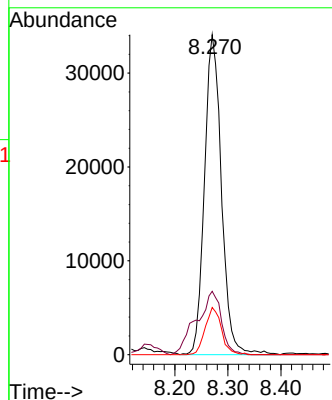
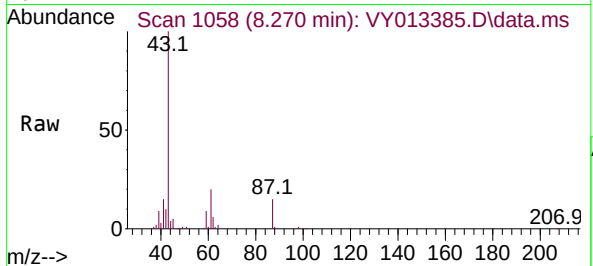




#43
Isopropyl Acetate
Concen: 17.693 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

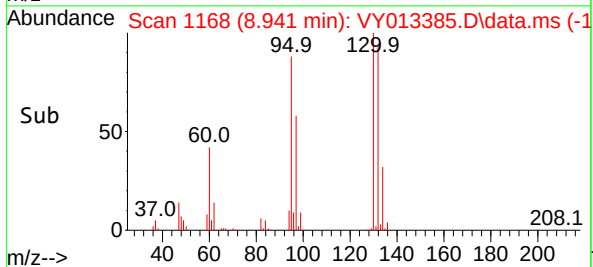
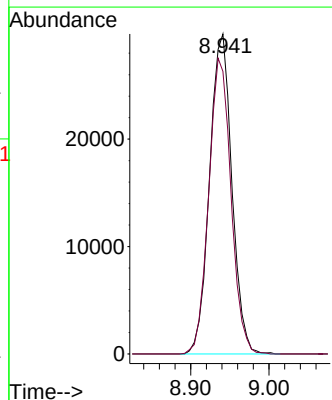
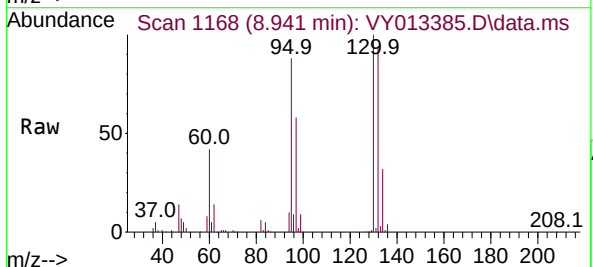
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC020

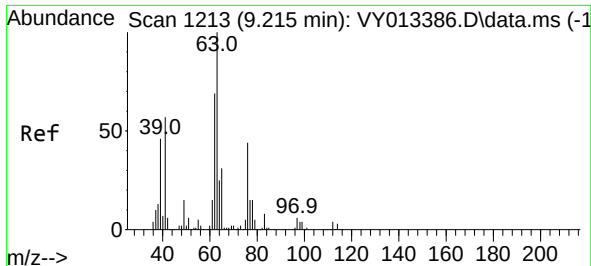
Tgt Ion: 43 Resp: 75839
Ion Ratio Lower Upper
43 100
61 29.0 22.2 33.4
87 14.2 11.0 16.6



#44
Trichloroethene
Concen: 20.180 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:130 Resp: 58887
Ion Ratio Lower Upper
130 100
95 88.3 0.0 188.8





#45

1,2-Dichloropropane

Concen: 16.688 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

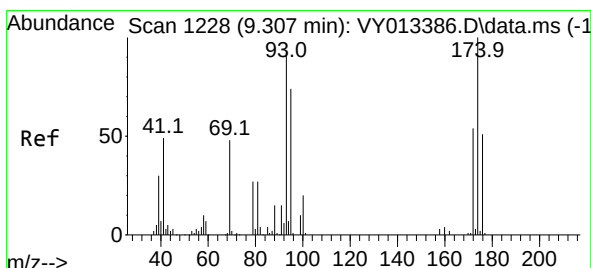
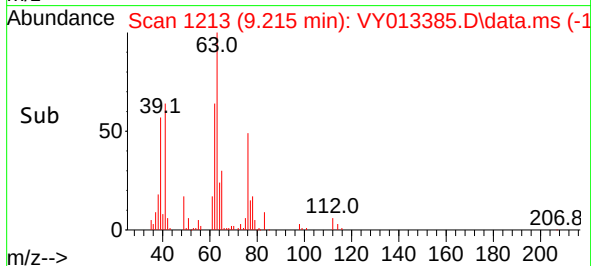
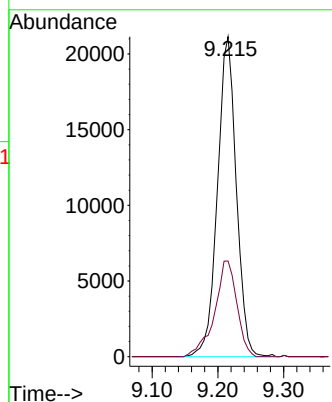
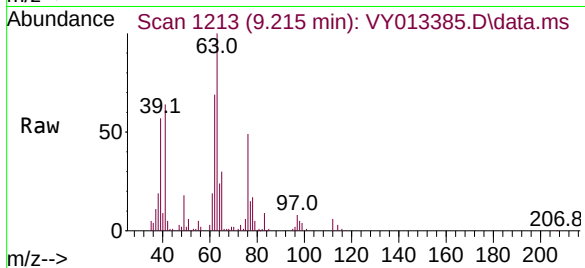
VSTDICC020

Tgt Ion: 63 Resp: 42153

Ion Ratio Lower Upper

63 100

65 29.9 24.6 37.0



#46

Dibromomethane

Concen: 20.916 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

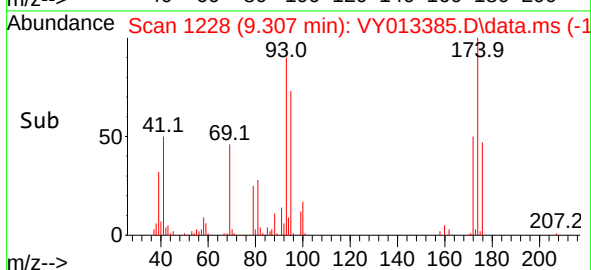
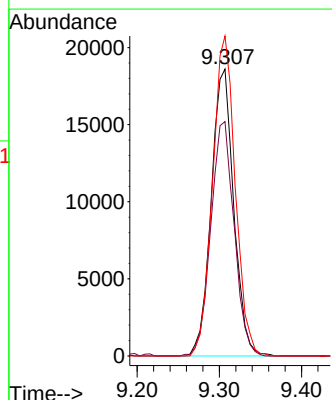
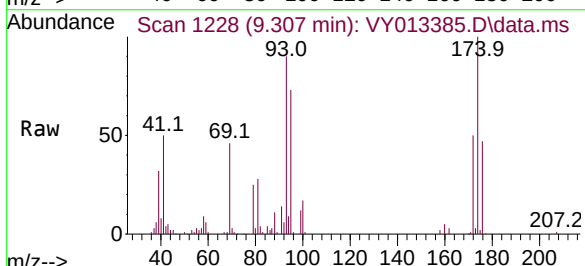
Tgt Ion: 93 Resp: 35366

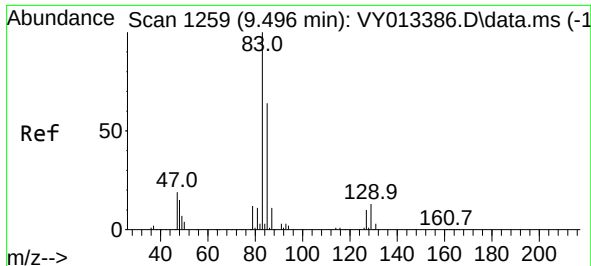
Ion Ratio Lower Upper

93 100

95 84.6 67.1 100.7

174 112.6 87.0 130.4

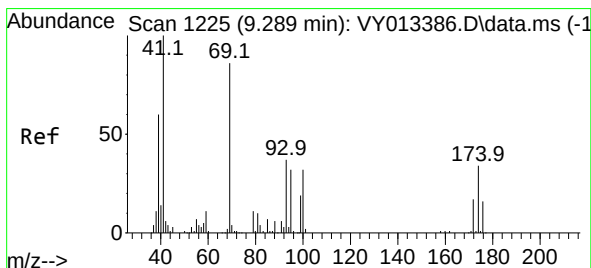
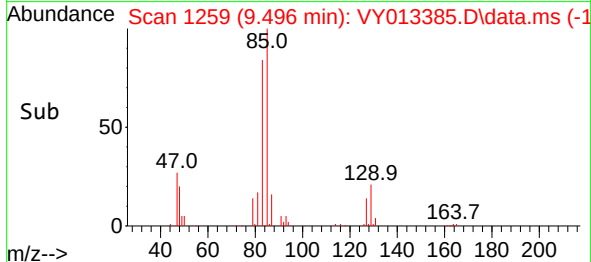
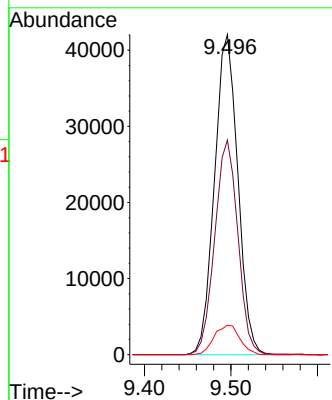
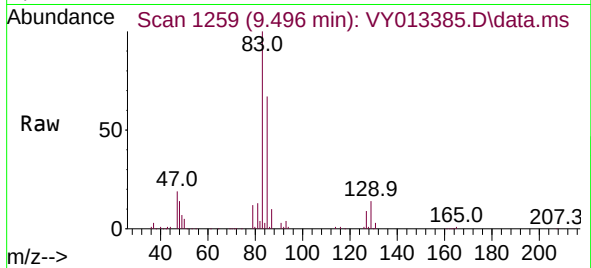




#47
Bromodichloromethane
Concen: 20.737 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

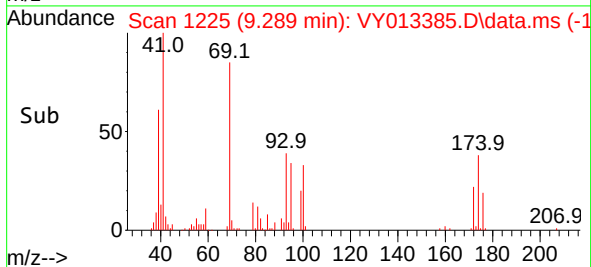
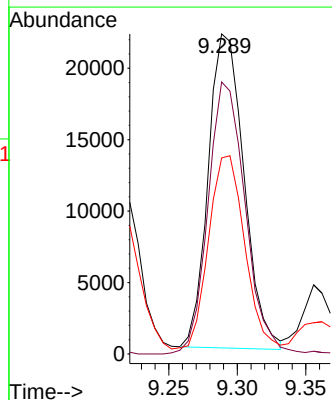
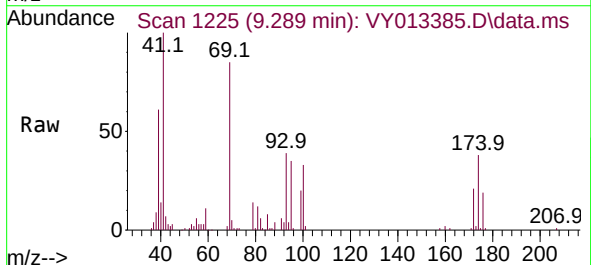
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

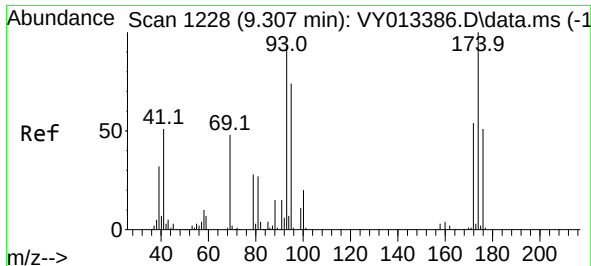
Tgt Ion: 83 Resp: 78529
Ion Ratio Lower Upper
83 100
85 67.1 51.4 77.2
127 9.2 8.1 12.1



#48
Methyl methacrylate
Concen: 19.815 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 41 Resp: 39854
Ion Ratio Lower Upper
41 100
69 90.4 70.2 105.4
39 62.4 47.9 71.9





#49

1,4-Dioxane

Concen: 403.919 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.012 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

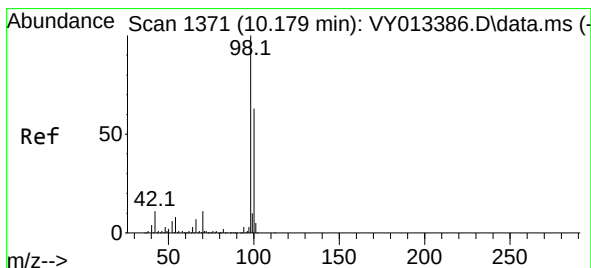
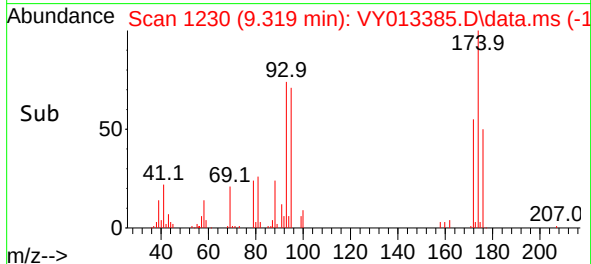
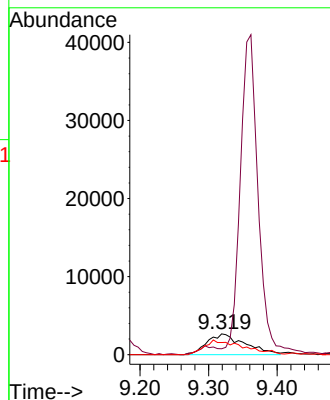
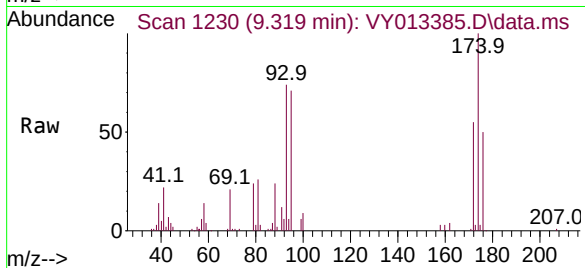
Tgt Ion: 88 Resp: 10324

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 66.6 54.3 81.5



#50

Toluene-d8

Concen: 21.993 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013385.D

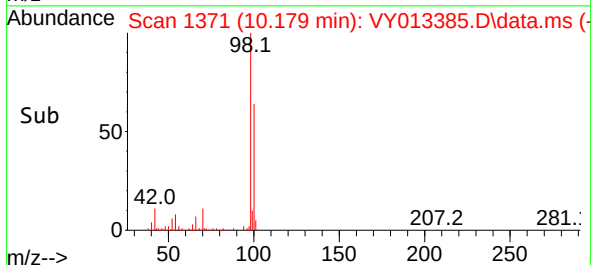
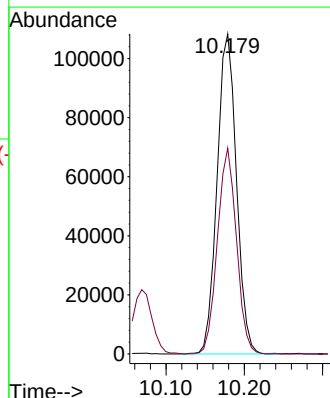
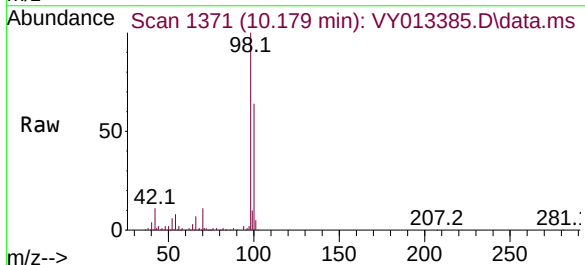
Acq: 21 Apr 2023 14:57

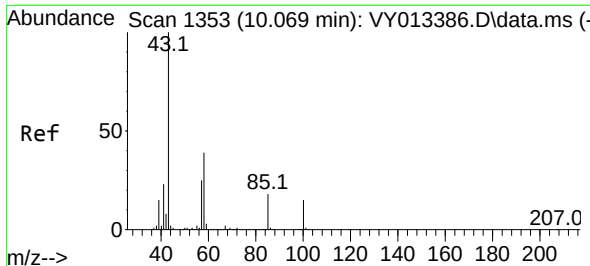
Tgt Ion: 98 Resp: 186166

Ion Ratio Lower Upper

98 100

100 63.4 50.5 75.7

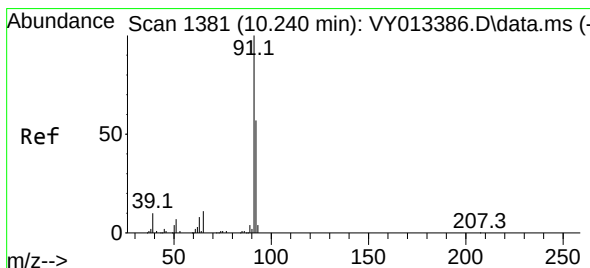
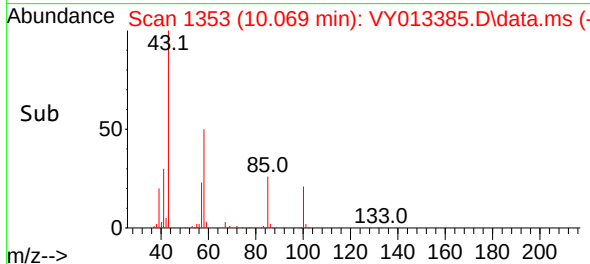
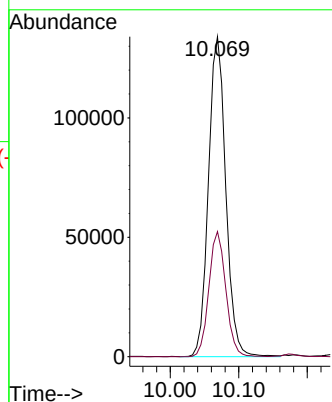
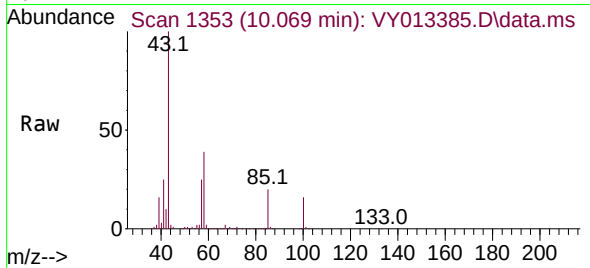




#51
4-Methyl-2-Pentanone
Concen: 96.887 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

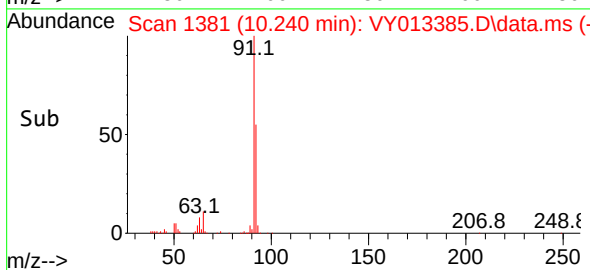
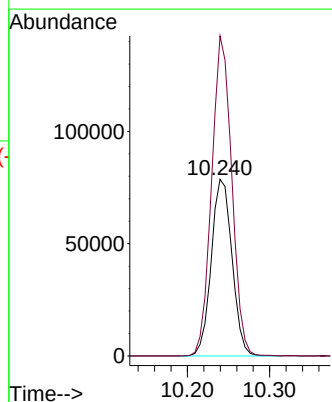
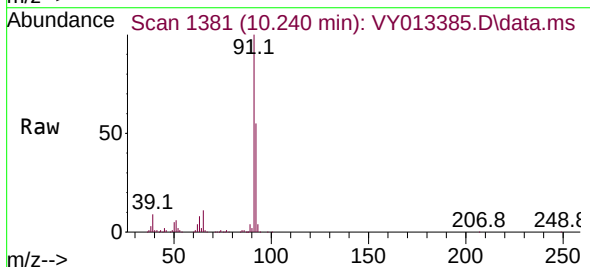
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

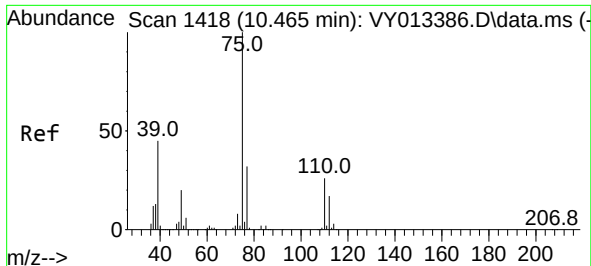
Tgt Ion: 43 Resp: 235680
Ion Ratio Lower Upper
43 100
58 38.2 30.6 46.0



#52
Toluene
Concen: 21.124 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 92 Resp: 137964
Ion Ratio Lower Upper
92 100
91 175.7 140.2 210.4

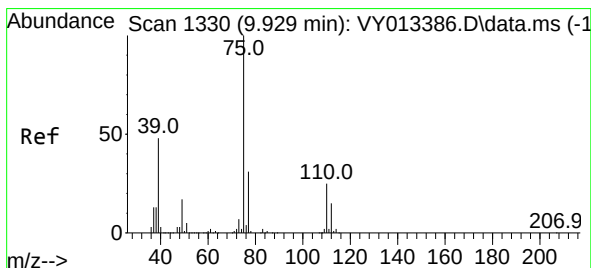
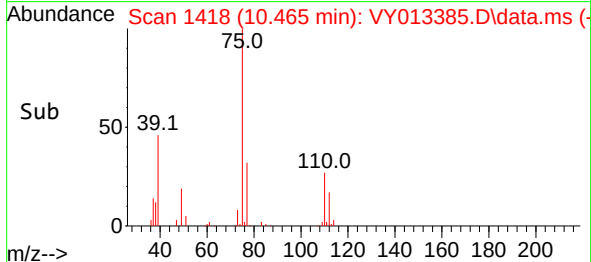
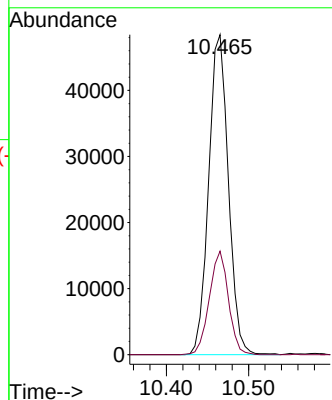
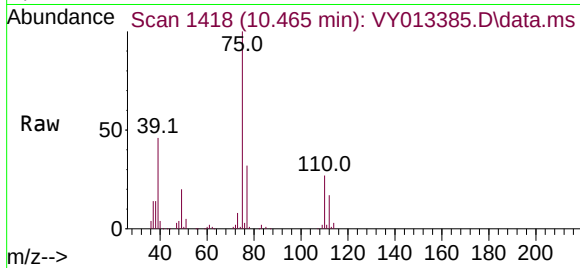




#53
t-1,3-Dichloropropene
Concen: 20.210 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

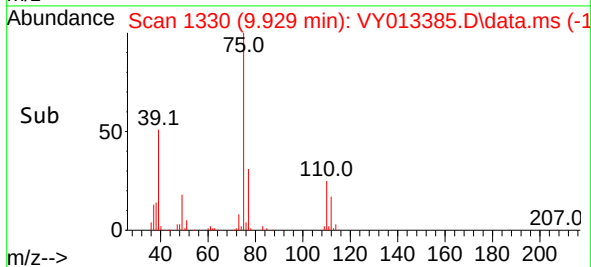
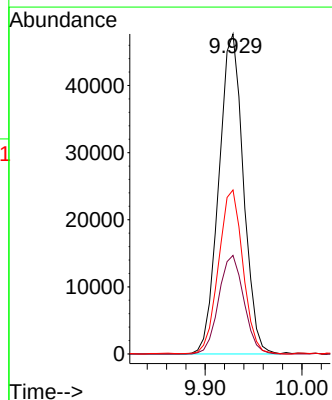
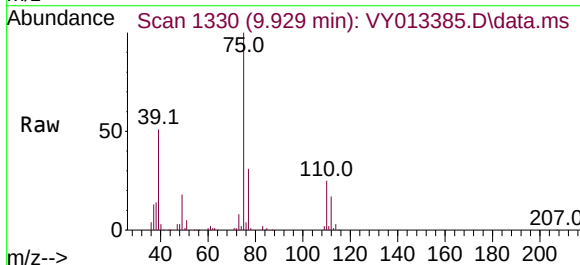
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

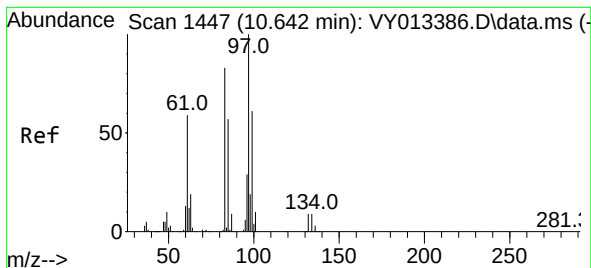
Tgt Ion: 75 Resp: 80595
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 19.422 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 75 Resp: 83962
Ion Ratio Lower Upper
75 100
77 30.8 24.8 37.2
39 51.2 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 20.701 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 47619

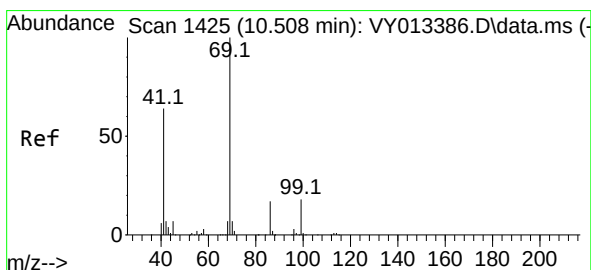
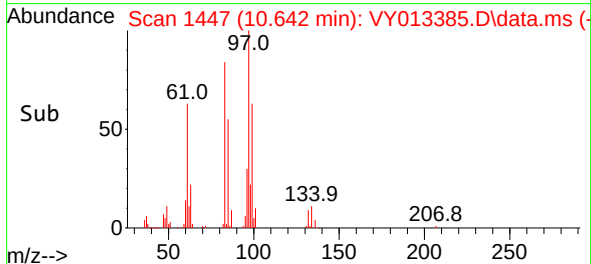
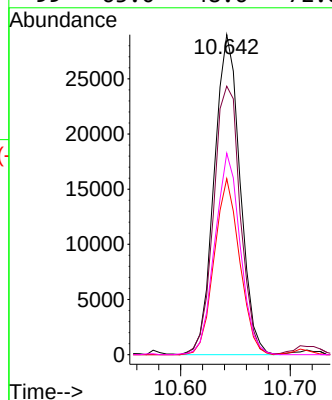
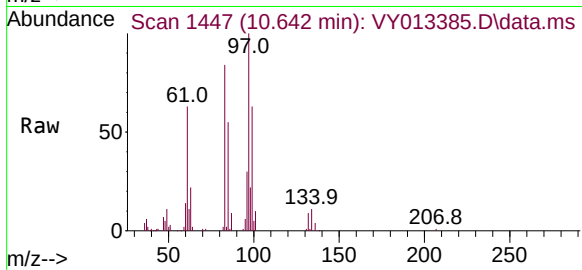
Ion Ratio Lower Upper

97 100

83 83.9 66.4 99.6

85 55.0 45.6 68.4

99 63.0 48.6 72.8



#56

Ethyl methacrylate

Concen: 20.394 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

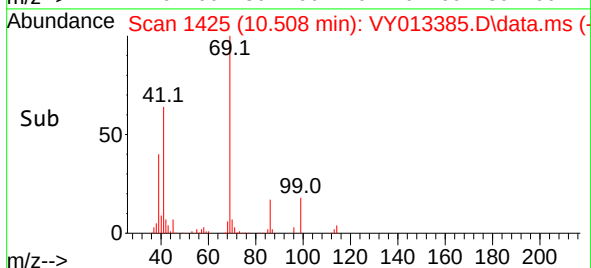
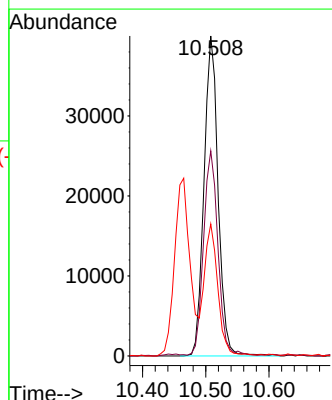
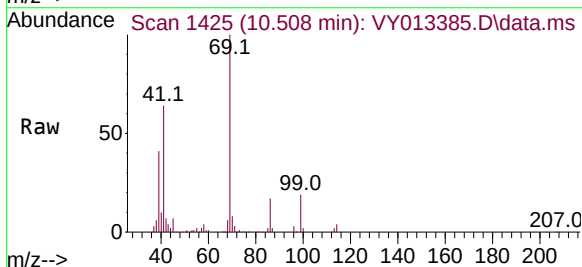
Tgt Ion: 69 Resp: 62296

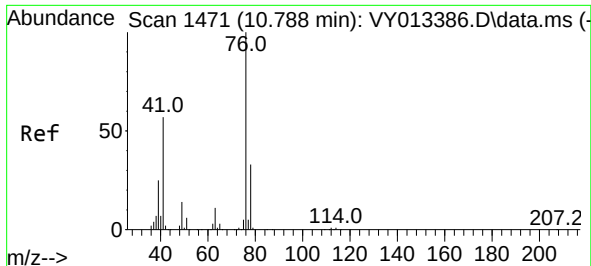
Ion Ratio Lower Upper

69 100

41 64.9 51.4 77.0

39 38.2 29.0 43.6





#57

1,3-Dichloropropane

Concen: 20.014 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

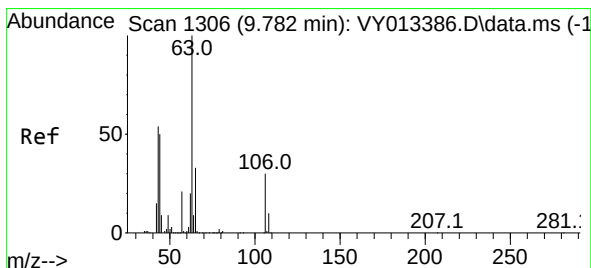
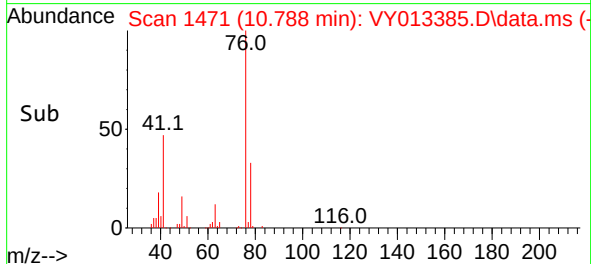
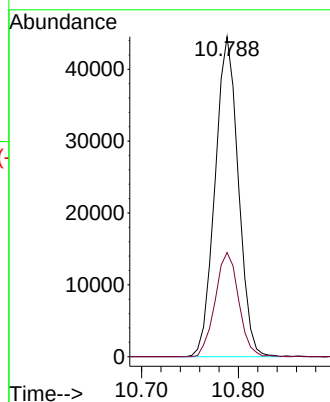
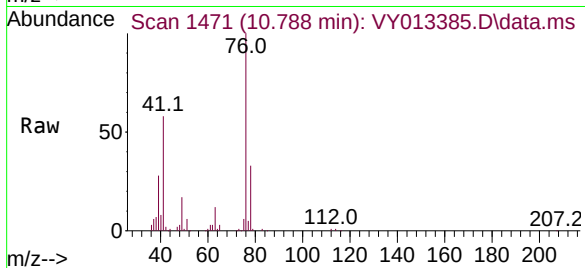
VSTDIC020

Tgt Ion: 76 Resp: 74427

Ion Ratio Lower Upper

76 100

78 32.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 105.948 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. -0.000 min

Lab File: VY013385.D

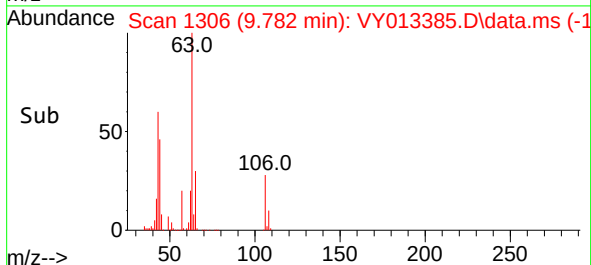
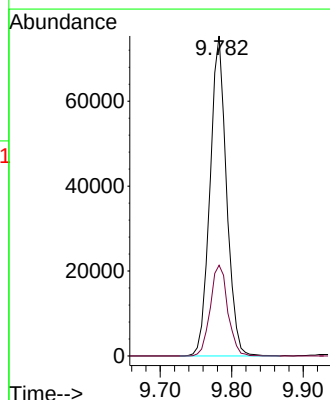
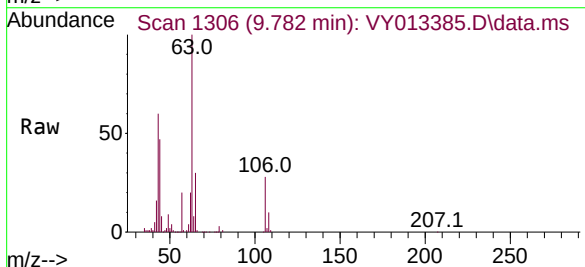
Acq: 21 Apr 2023 14:57

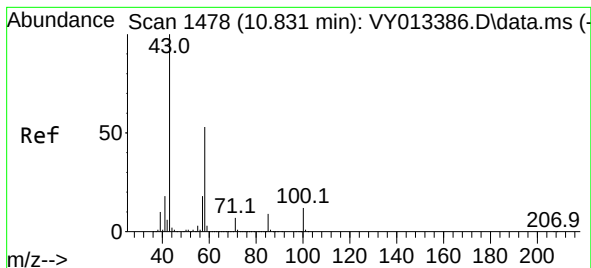
Tgt Ion: 63 Resp: 120819

Ion Ratio Lower Upper

63 100

106 30.0 23.5 35.3

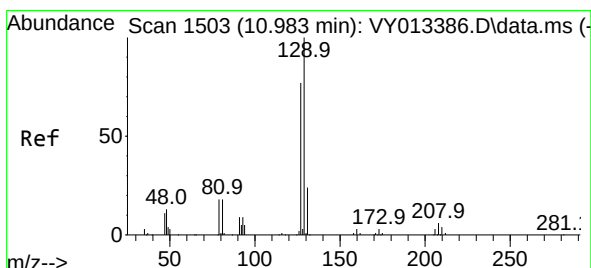
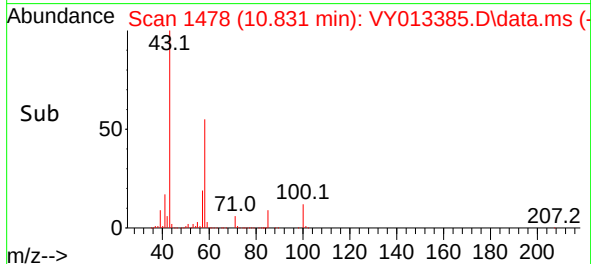
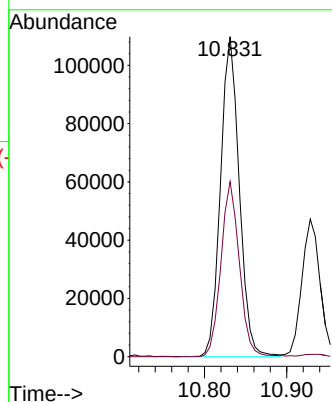
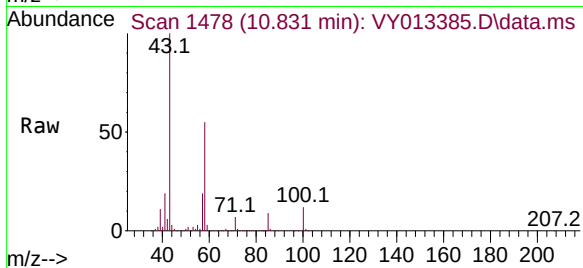




#59
2-Hexanone
Concen: 94.419 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

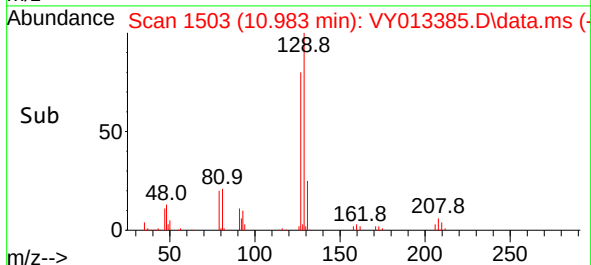
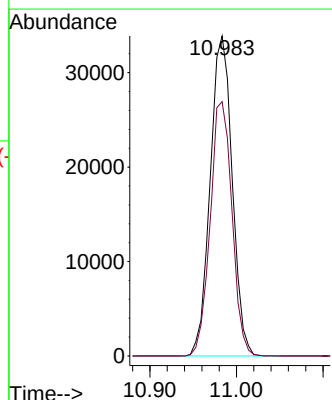
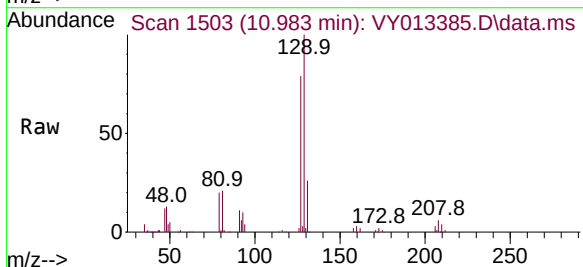
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

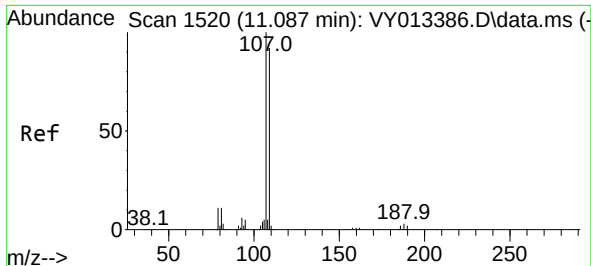
Tgt Ion: 43 Resp: 174265
Ion Ratio Lower Upper
43 100
58 53.8 26.3 78.8



#60
Dibromochloromethane
Concen: 20.708 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 129 Resp: 59730
Ion Ratio Lower Upper
129 100
127 78.6 38.7 116.1

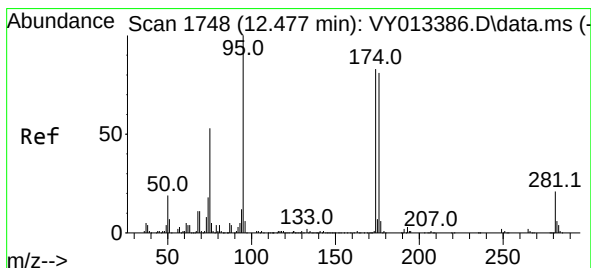
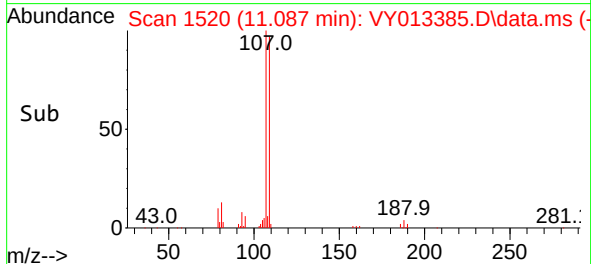
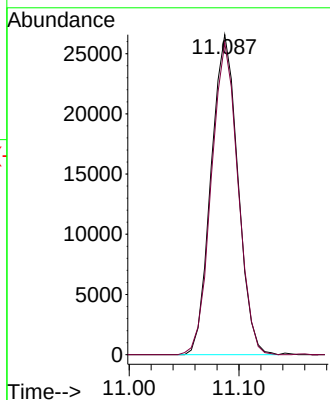
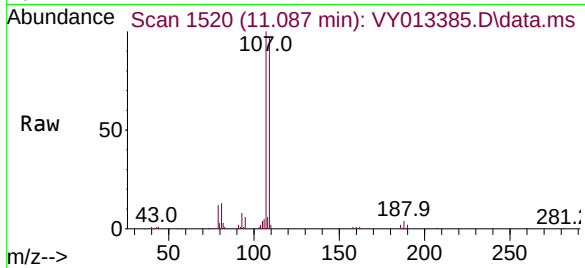




#61
1,2-Dibromoethane
Concen: 19.832 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

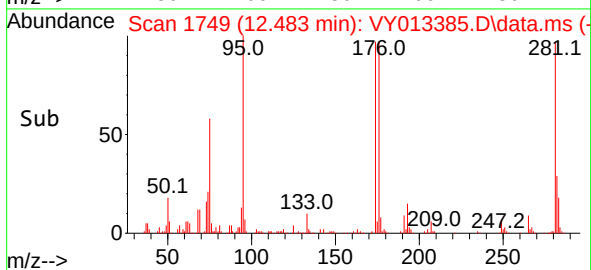
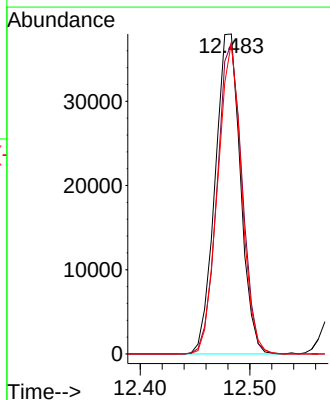
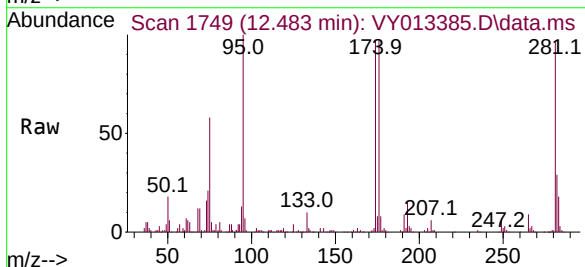
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

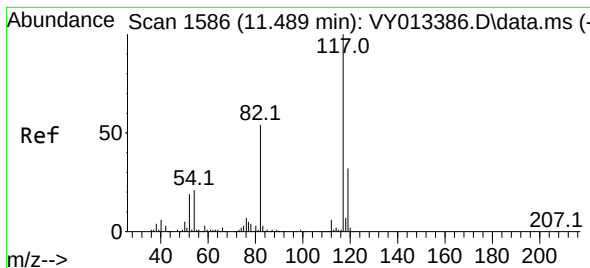
Tgt Ion:107 Resp: 45099
Ion Ratio Lower Upper
107 100
109 96.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 21.672 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 95 Resp: 61079
Ion Ratio Lower Upper
95 100
174 95.0 0.0 182.0
176 91.6 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

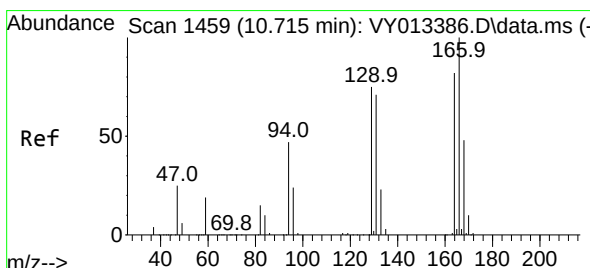
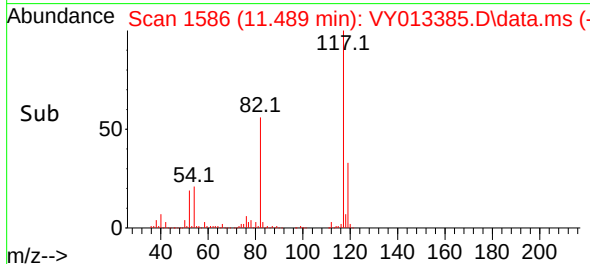
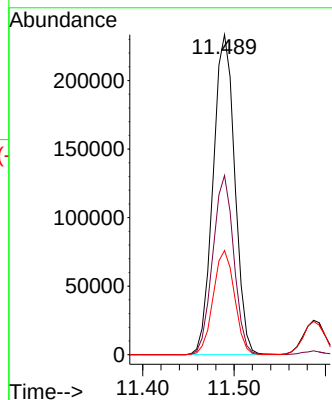
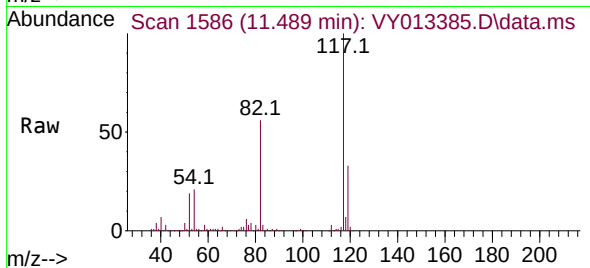
Tgt Ion:117 Resp: 384979

Ion Ratio Lower Upper

117 100

82 56.0 43.0 64.6

119 32.6 25.5 38.3



#64

Tetrachloroethene

Concen: 19.066 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Tgt Ion:164 Resp: 55429

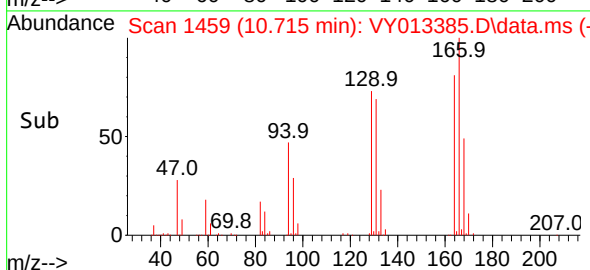
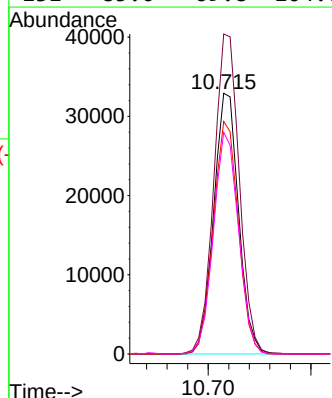
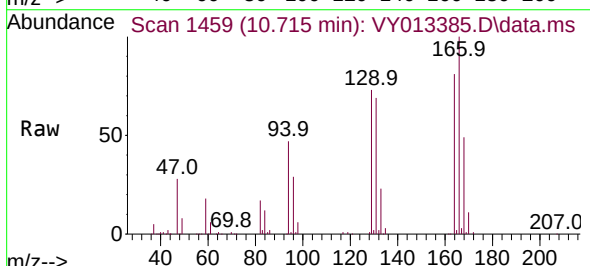
Ion Ratio Lower Upper

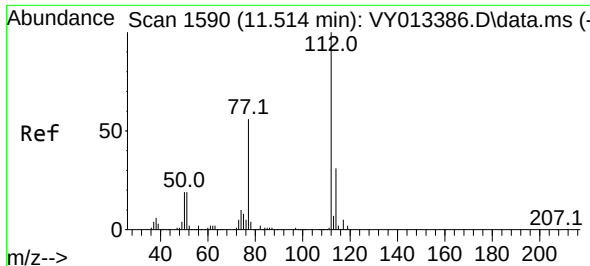
164 100

166 122.8 97.5 146.3

129 89.2 72.6 109.0

131 85.0 69.8 104.6

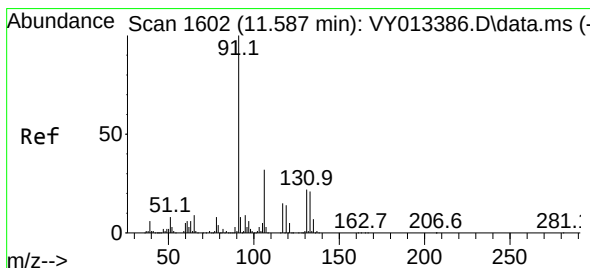
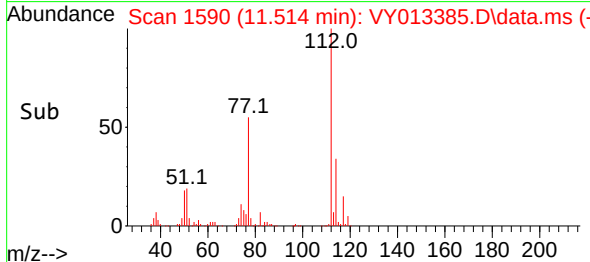
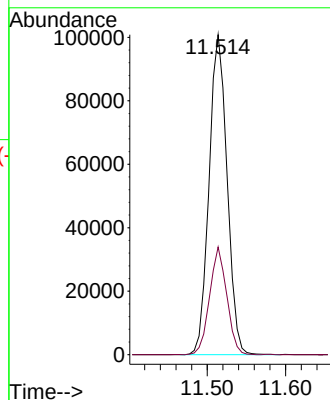
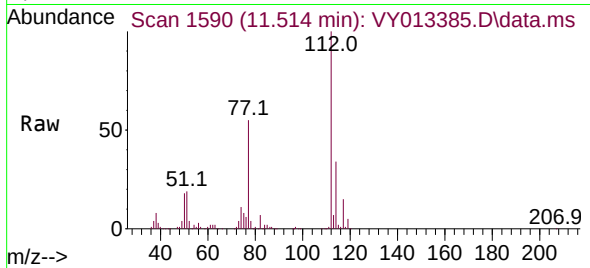




#65
Chlorobenzene
Concen: 19.712 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

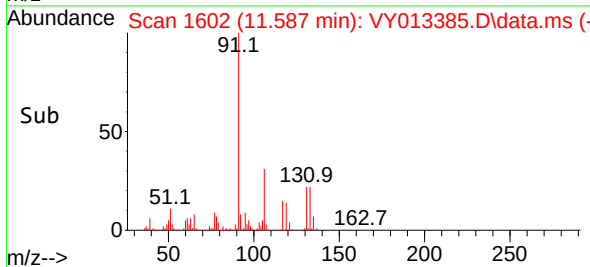
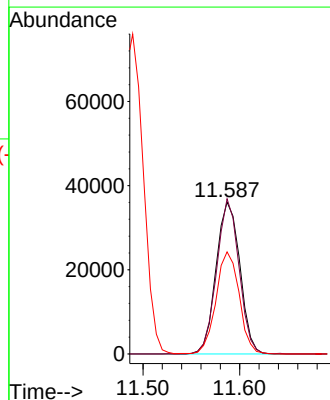
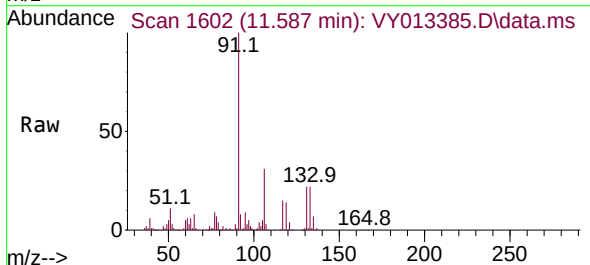
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

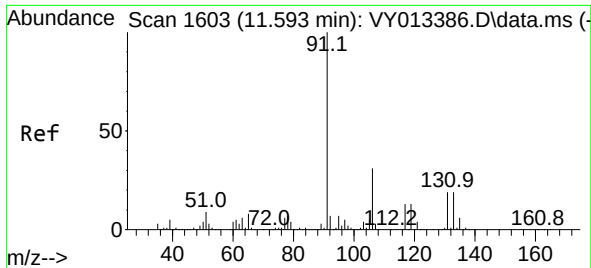
Tgt Ion:112 Resp: 160955
Ion Ratio Lower Upper
112 100
114 33.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.875 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:131 Resp: 61592
Ion Ratio Lower Upper
131 100
133 96.1 47.7 143.1
119 65.5 32.6 98.0

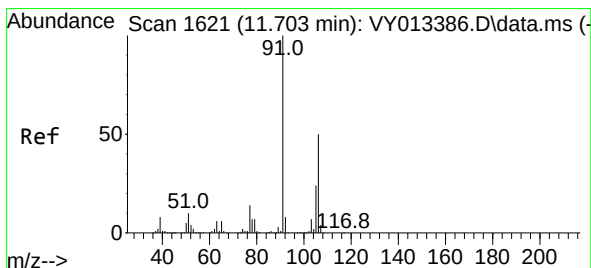
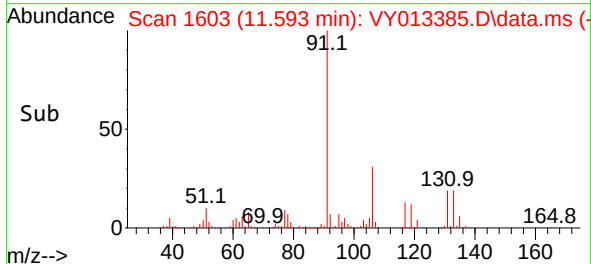
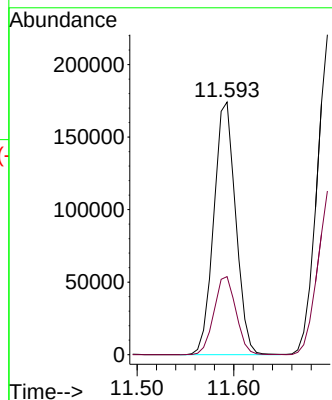
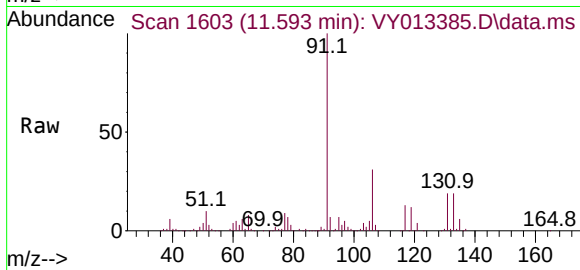




#67
Ethyl Benzene
Concen: 19.744 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

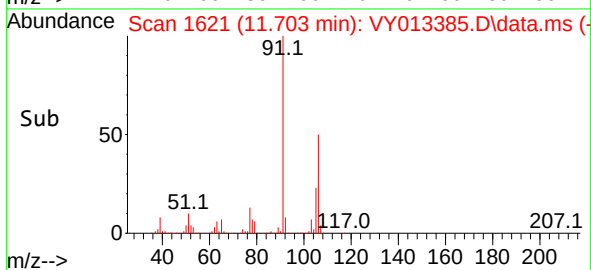
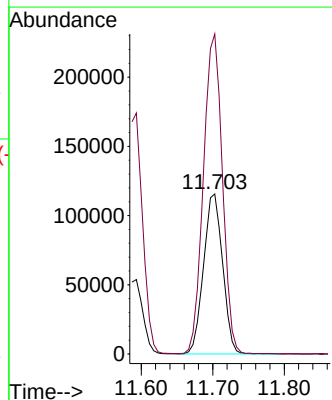
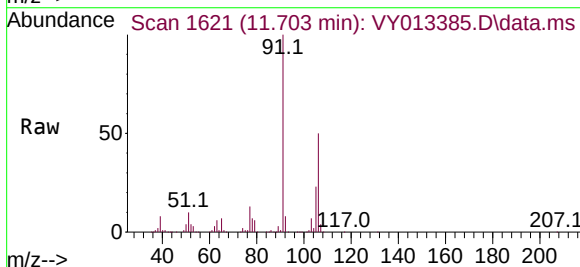
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

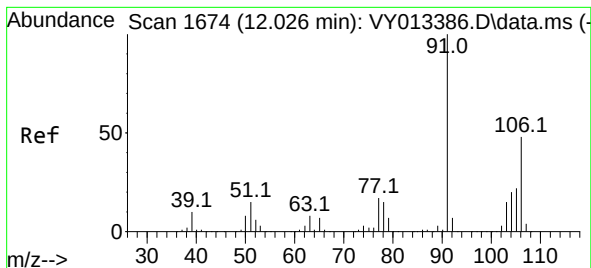
Tgt Ion: 91 Resp: 273385
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 39.637 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 106 Resp: 213863
Ion Ratio Lower Upper
106 100
91 199.4 160.9 241.3





#69

o-Xylene

Concen: 19.233 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

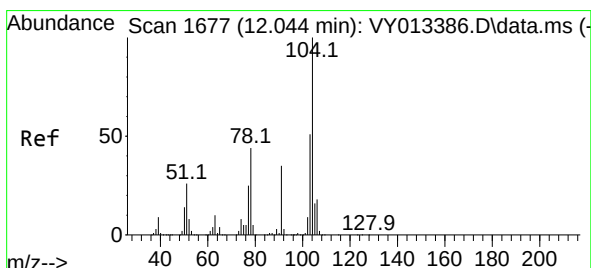
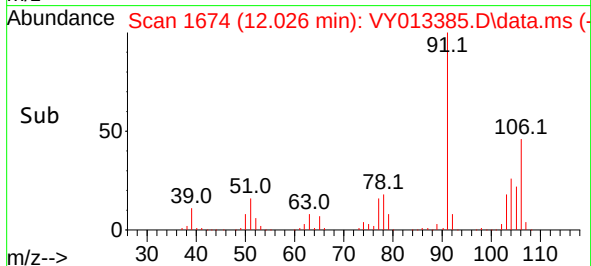
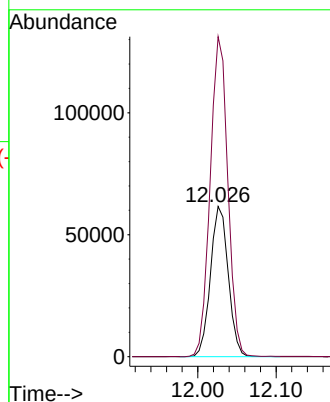
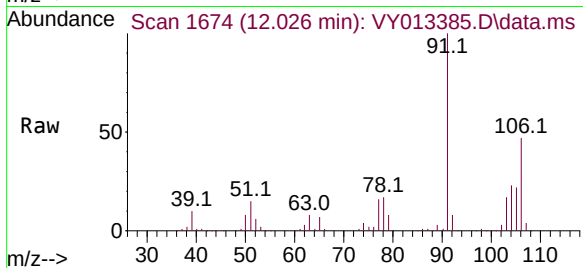
VSTDIC020

Tgt Ion:106 Resp: 96994

Ion Ratio Lower Upper

106 100

91 211.9 105.5 316.4



#70

Styrene

Concen: 19.507 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

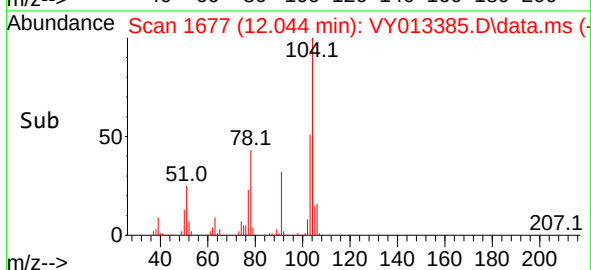
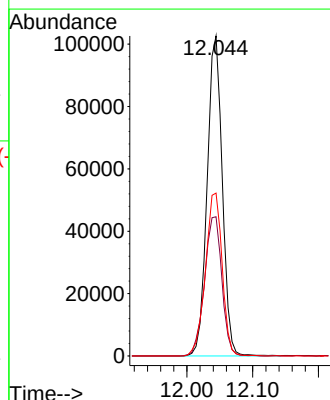
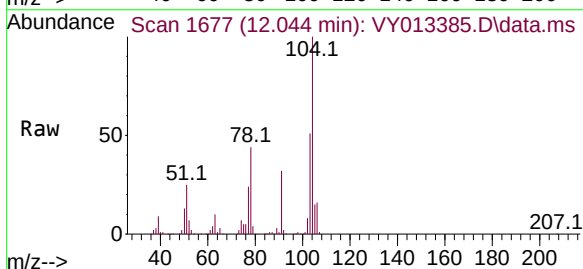
Tgt Ion:104 Resp: 164537

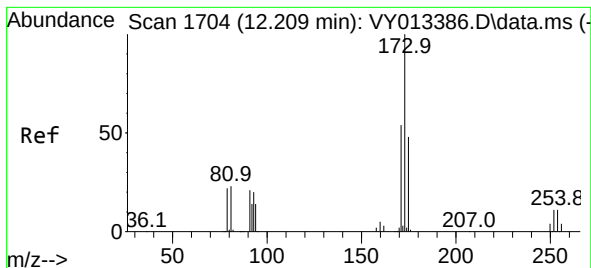
Ion Ratio Lower Upper

104 100

78 49.9 40.3 60.5

103 56.2 45.0 67.4





#71

Bromoform

Concen: 19.509 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

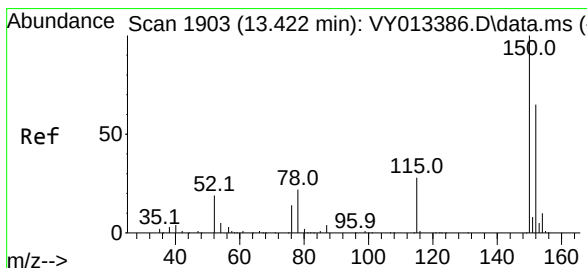
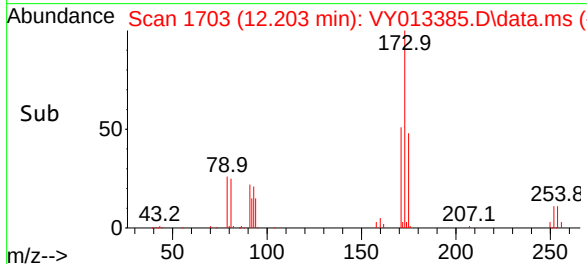
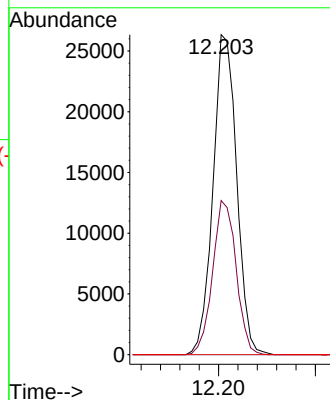
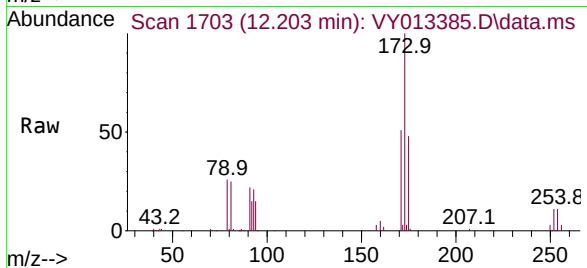
Tgt Ion:173 Resp: 44699

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

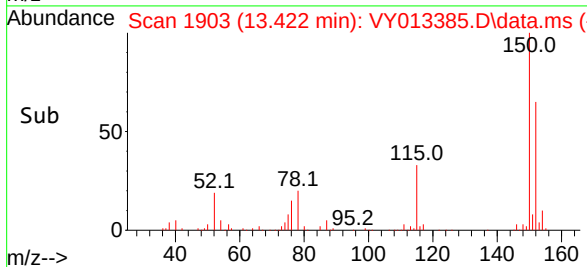
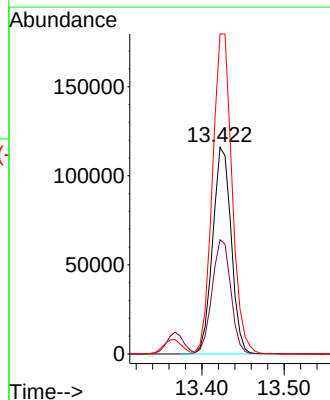
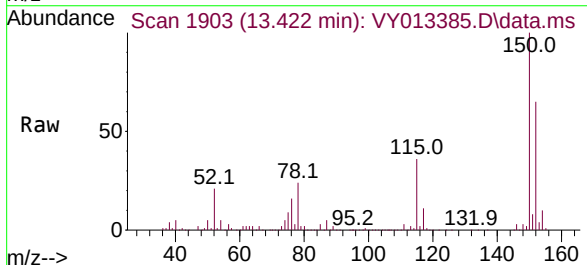
Tgt Ion:152 Resp: 181746

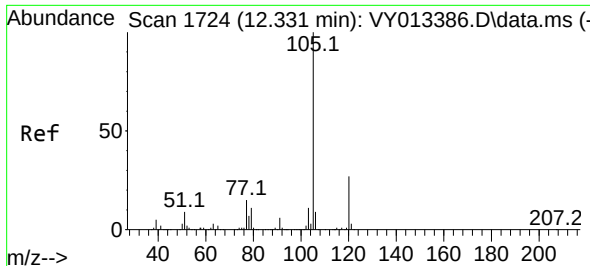
Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.2

150 163.0 0.0 352.0

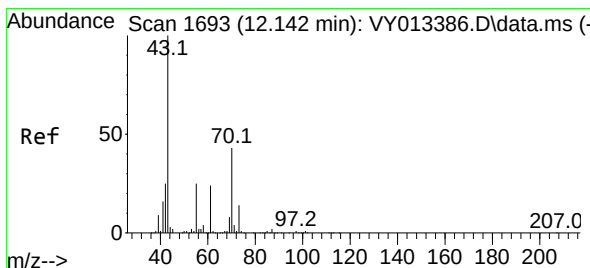
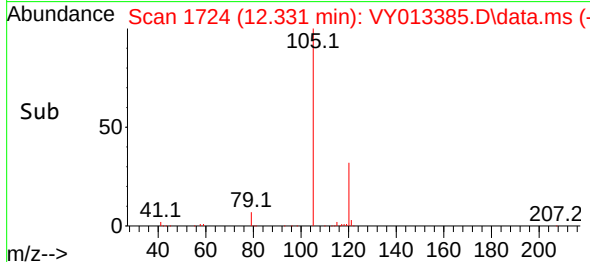
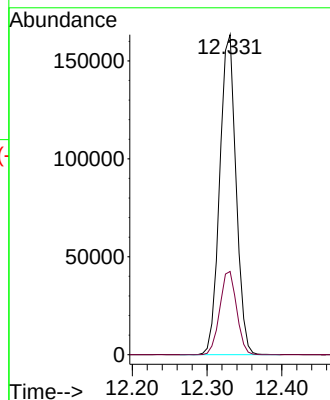
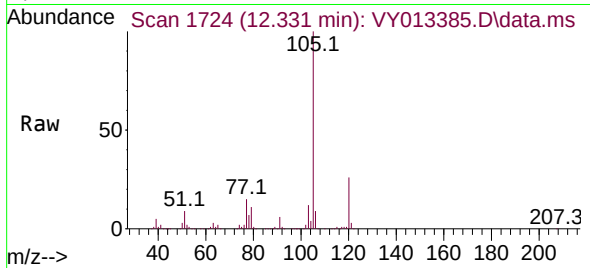




#73
Isopropylbenzene
Concen: 20.238 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

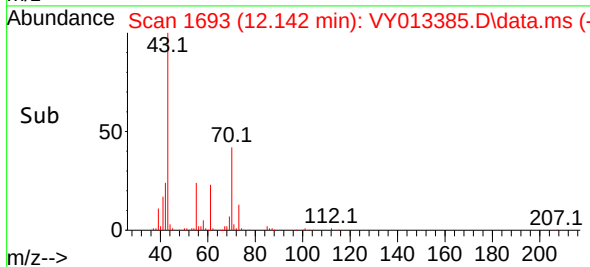
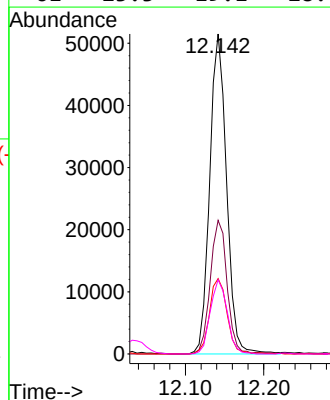
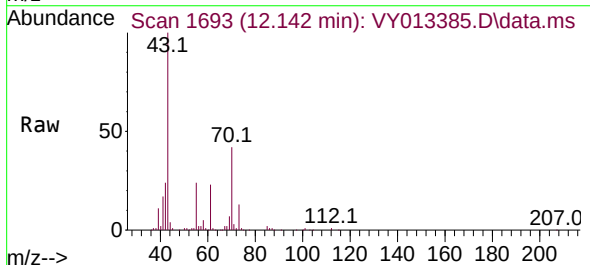
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

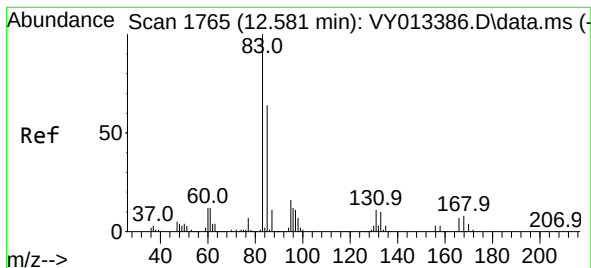
Tgt Ion:105 Resp: 248337
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 20.104 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 43 Resp: 76854
Ion Ratio Lower Upper
43 100
70 42.1 33.0 49.4
55 24.8 19.8 29.6
61 23.3 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 19.547 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

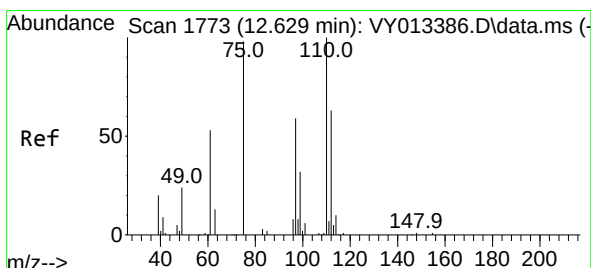
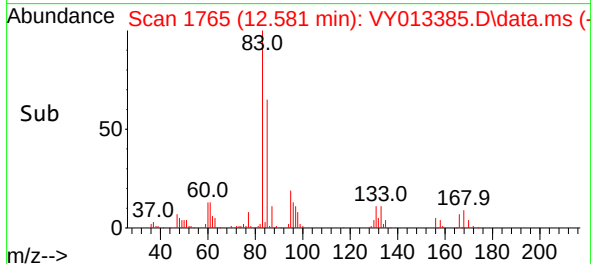
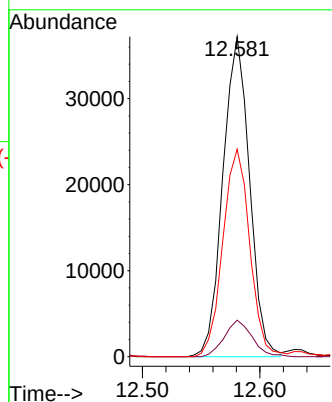
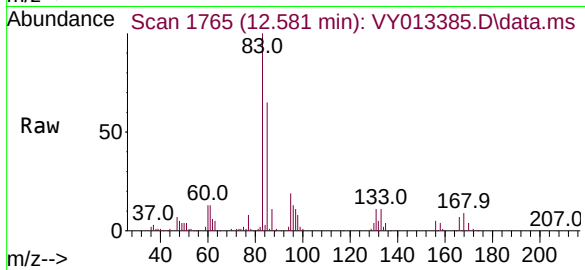
Tgt Ion: 83 Resp: 58577

Ion Ratio Lower Upper

83 100

131 11.9 5.7 17.0

85 65.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 35.913 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013385.D

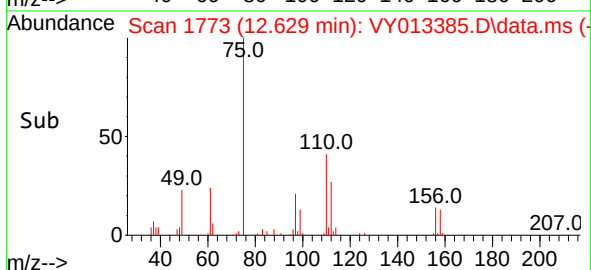
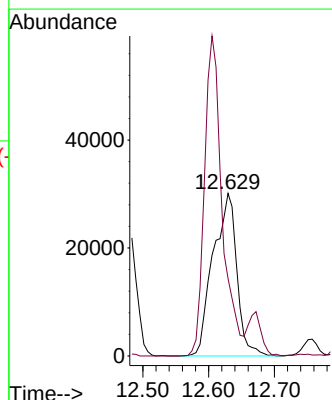
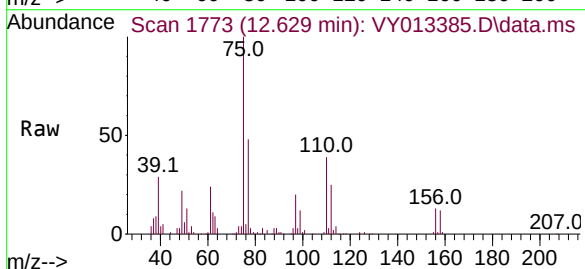
Acq: 21 Apr 2023 14:57

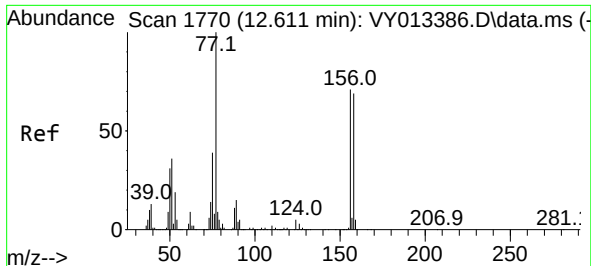
Tgt Ion: 75 Resp: 75660

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

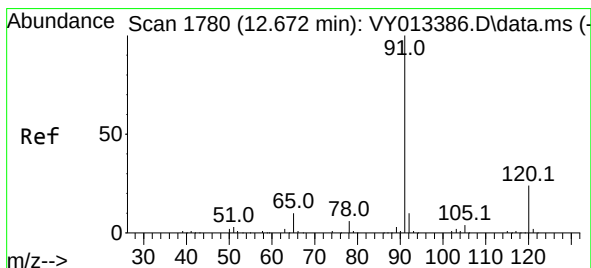
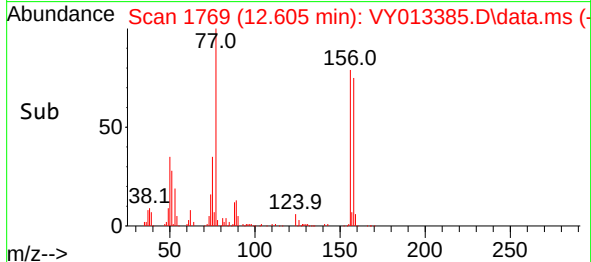
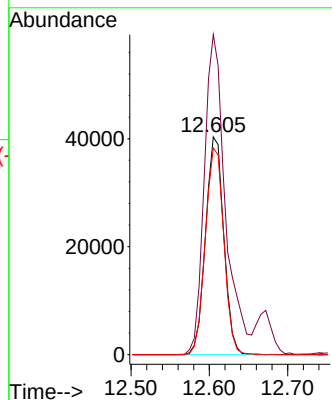
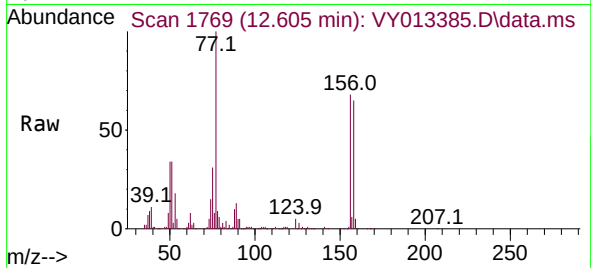




#77
Bromobenzene
Concen: 20.151 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

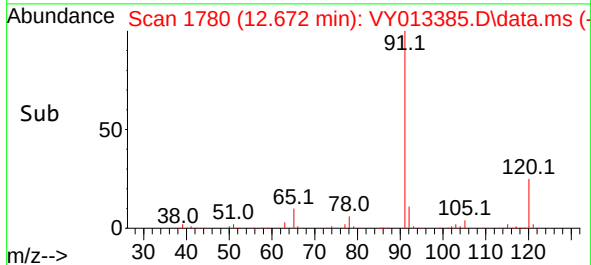
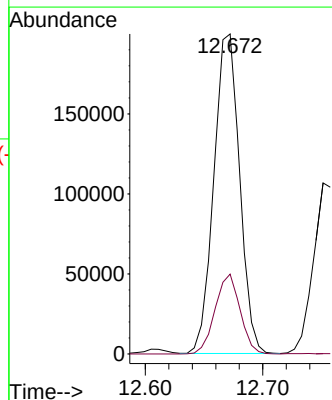
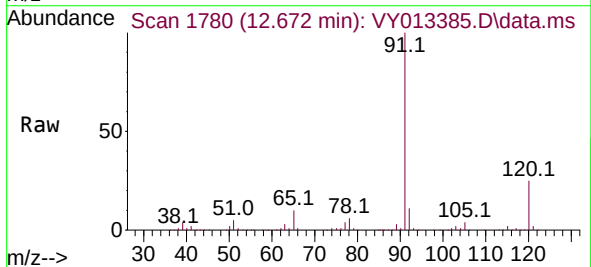
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

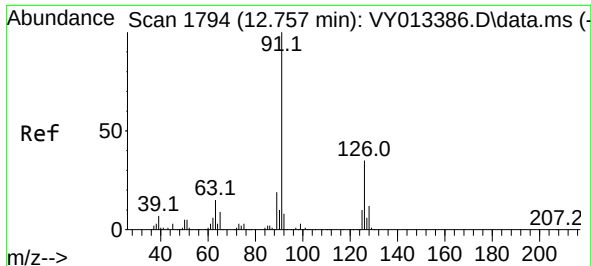
Tgt Ion:156 Resp: 65016
Ion Ratio Lower Upper
156 100
77 171.2 87.6 262.9
158 96.4 48.5 145.5



#78
n-propylbenzene
Concen: 20.396 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 91 Resp: 304360
Ion Ratio Lower Upper
91 100
120 24.1 11.9 35.9

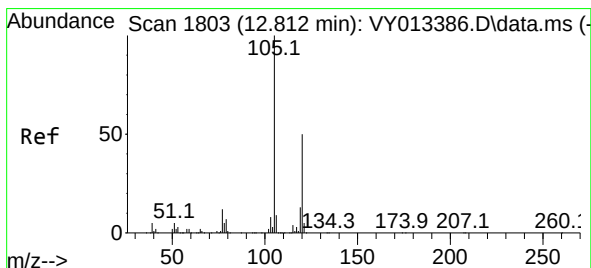
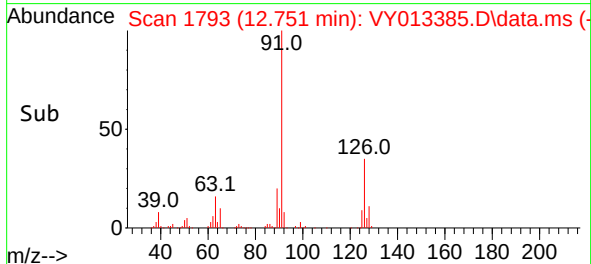
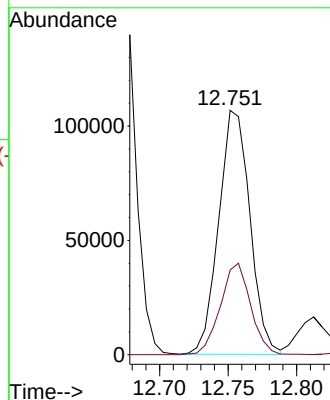
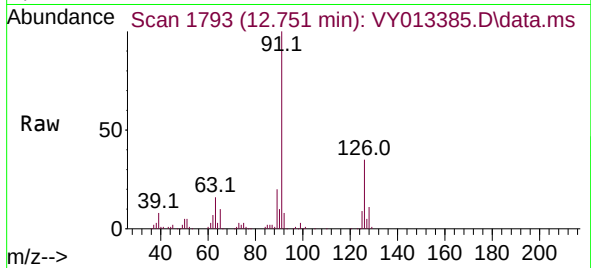




#79
2-Chlorotoluene
Concen: 19.958 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

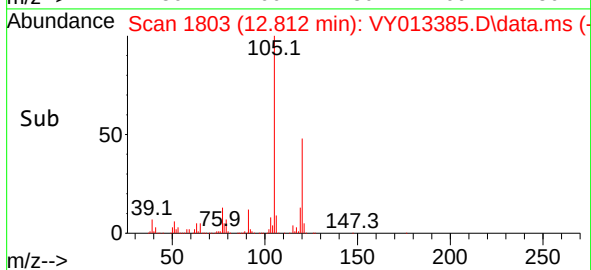
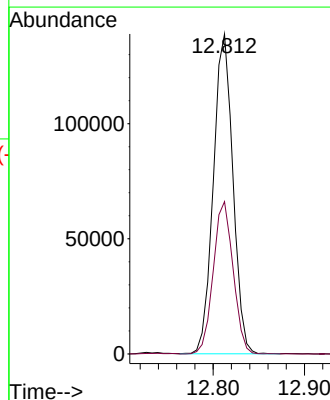
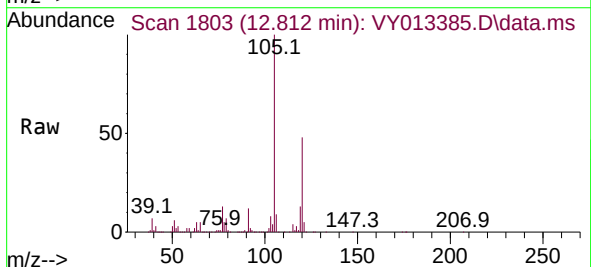
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

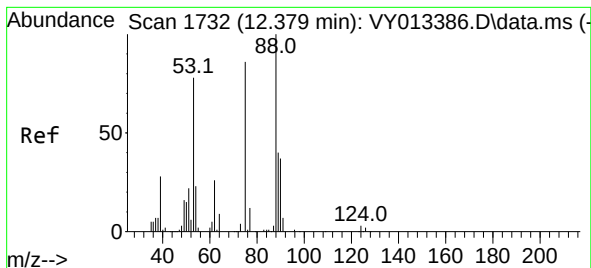
Tgt Ion: 91 Resp: 169503
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 20.049 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:105 Resp: 206048
Ion Ratio Lower Upper
105 100
120 48.5 24.7 74.1

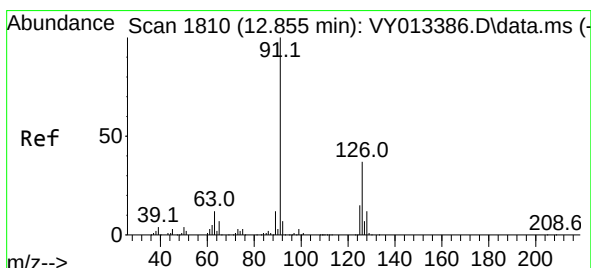
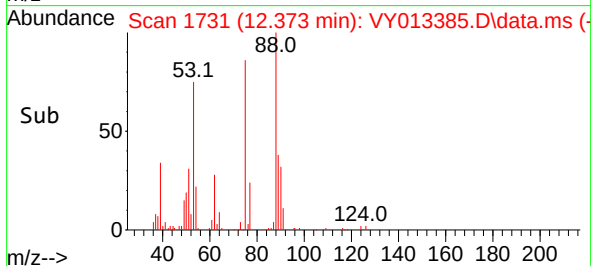
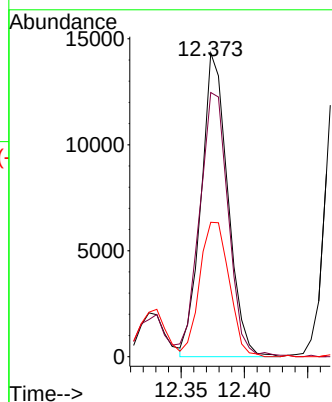
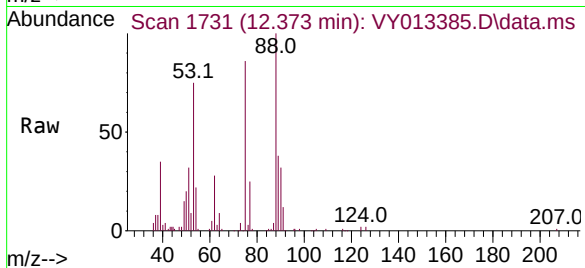




#81
trans-1,4-Dichloro-2-butene
Concen: 19.737 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

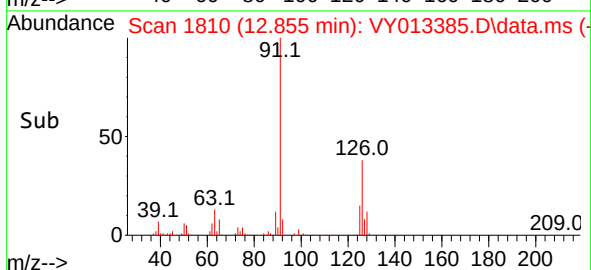
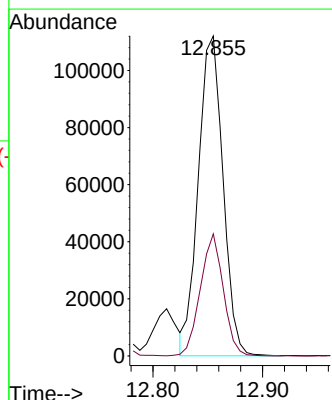
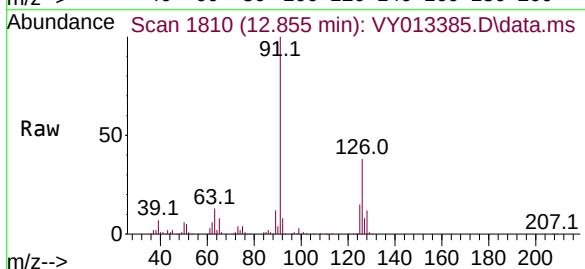
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

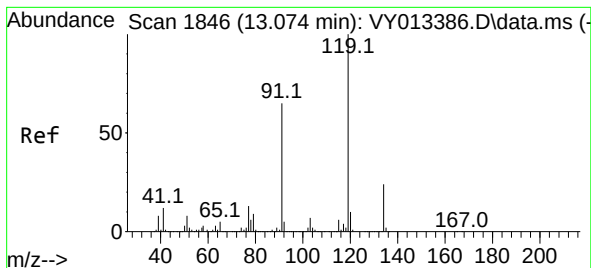
Tgt Ion: 75 Resp: 21067
Ion Ratio Lower Upper
75 100
53 93.8 73.2 109.8
89 48.8 38.0 57.0



#82
4-Chlorotoluene
Concen: 19.807 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion: 91 Resp: 175297
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8





#83

tert-Butylbenzene

Concen: 20.100 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

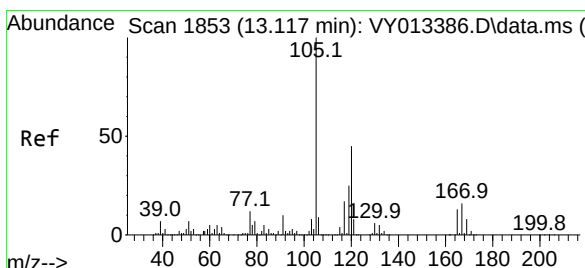
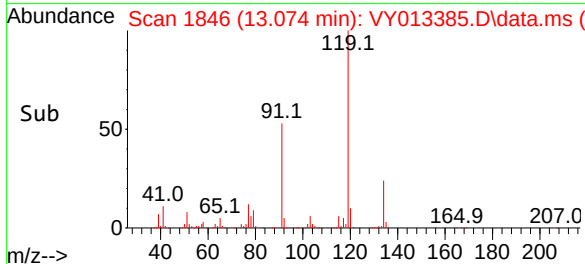
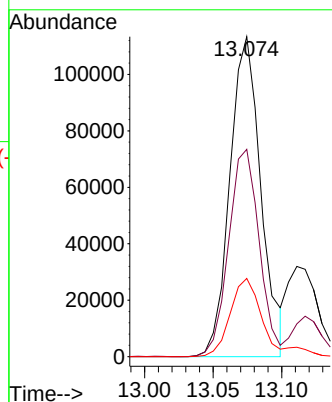
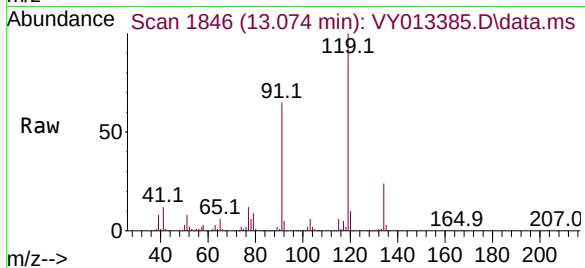
Tgt Ion:119 Resp: 178852

Ion Ratio Lower Upper

119 100

91 63.8 32.2 96.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.909 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY013385.D

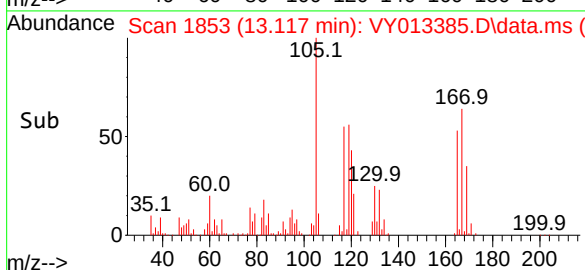
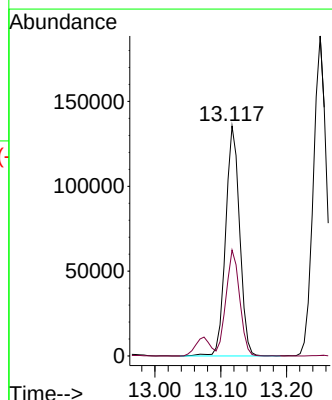
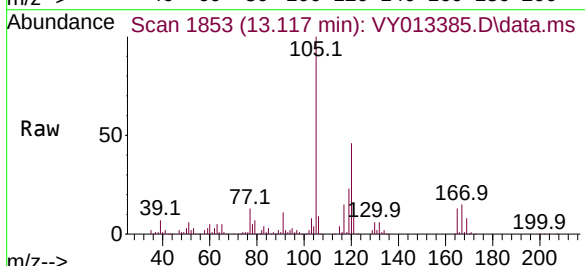
Acq: 21 Apr 2023 14:57

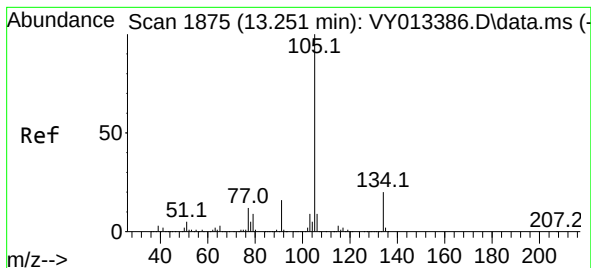
Tgt Ion:105 Resp: 200730

Ion Ratio Lower Upper

105 100

120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 20.321 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

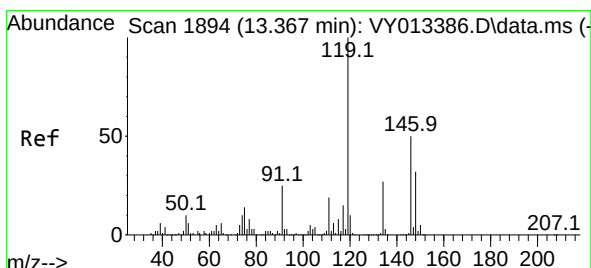
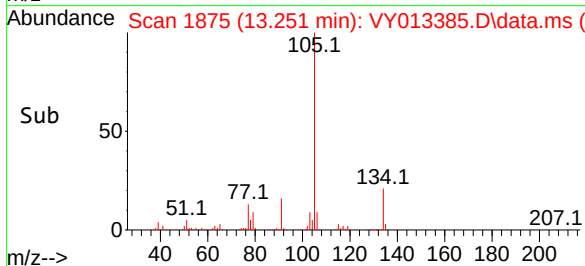
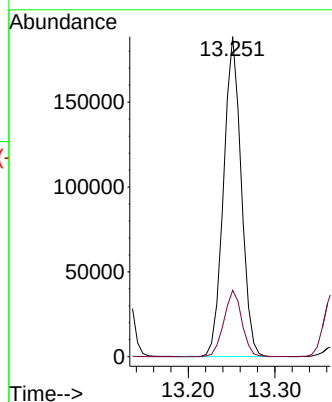
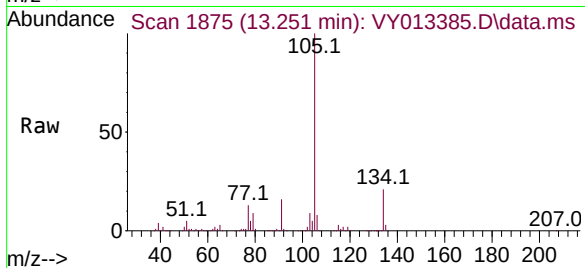
VSTDICC020

Tgt Ion:105 Resp: 266998

Ion Ratio Lower Upper

105 100

134 21.1 10.3 30.9



#86

p-Isopropyltoluene

Concen: 19.940 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

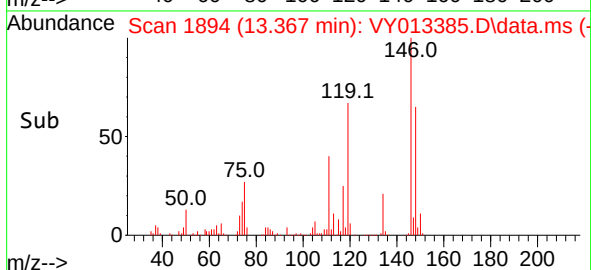
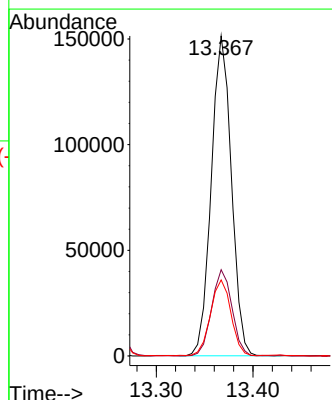
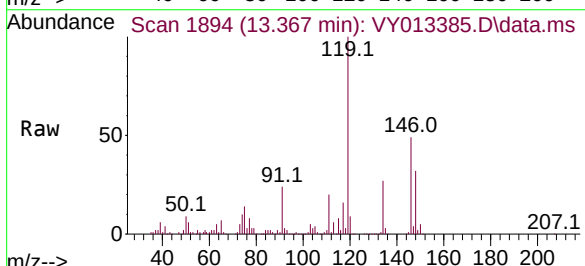
Tgt Ion:119 Resp: 218822

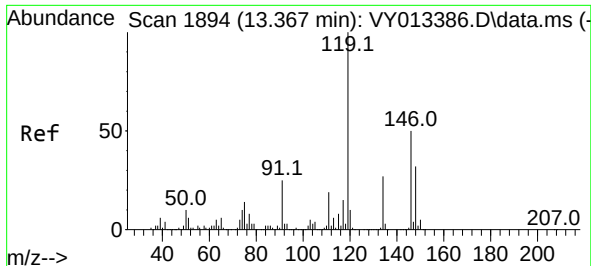
Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 24.2 12.1 36.3

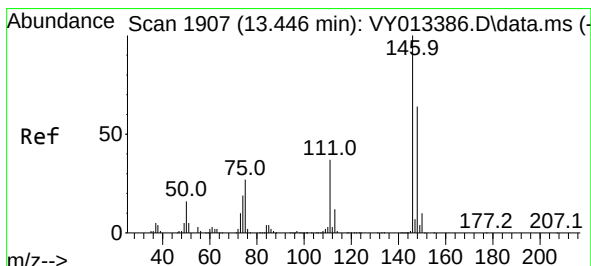
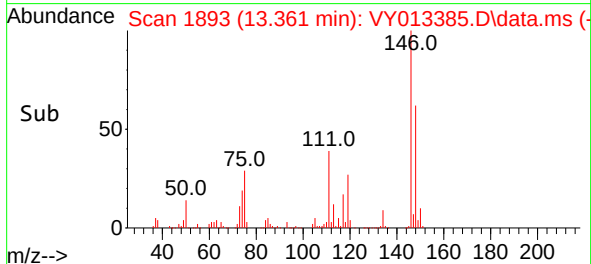
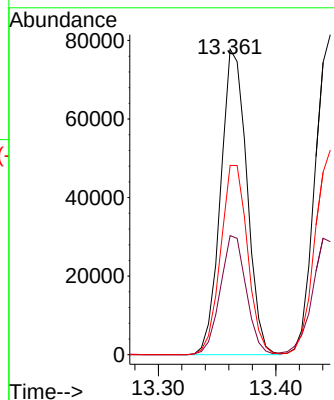
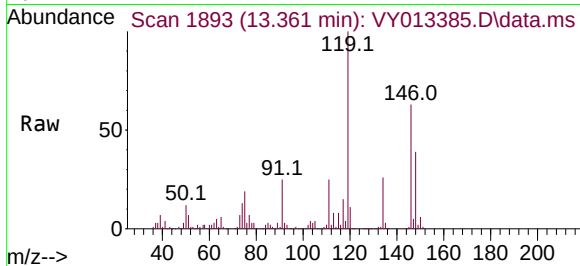




#87
1,3-Dichlorobenzene
Concen: 19.701 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

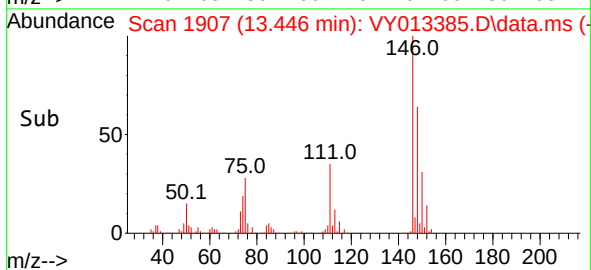
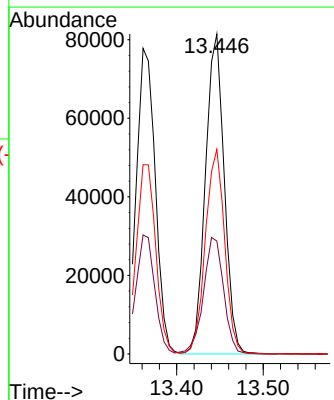
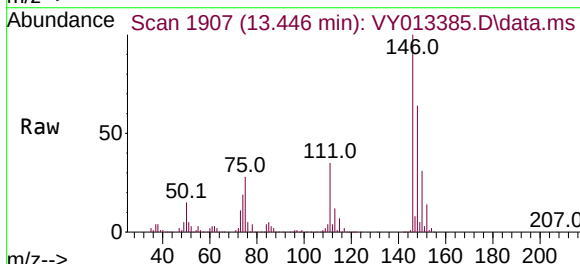
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC020

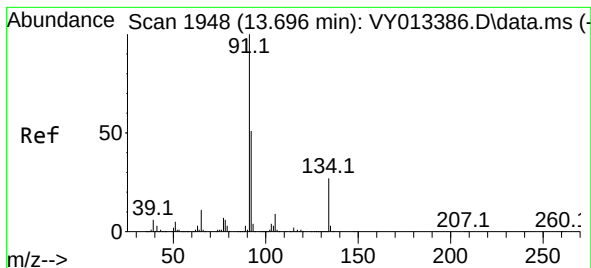
Tgt Ion:146 Resp: 120701
Ion Ratio Lower Upper
146 100
111 38.7 19.3 57.9
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 19.852 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013385.D
Acq: 21 Apr 2023 14:57

Tgt Ion:146 Resp: 122998
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.5
148 65.4 31.9 95.5





#89

n-Butylbenzene

Concen: 19.304 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC020

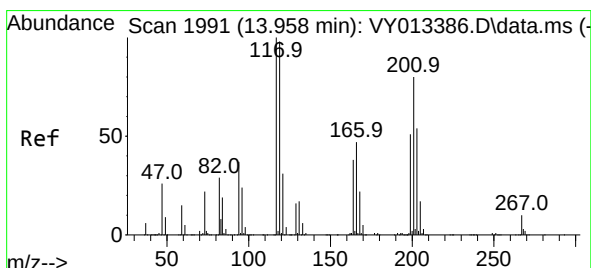
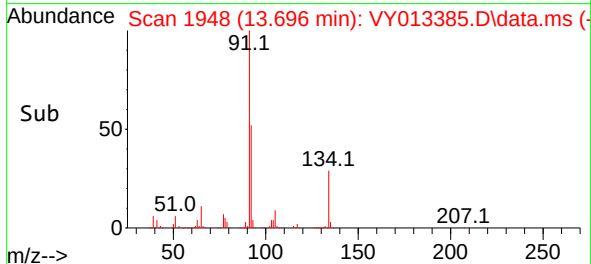
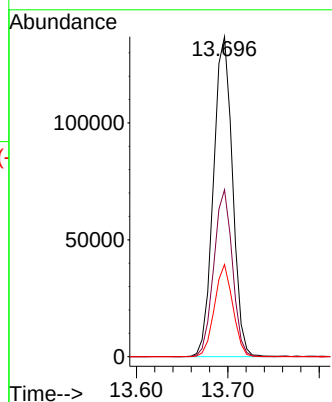
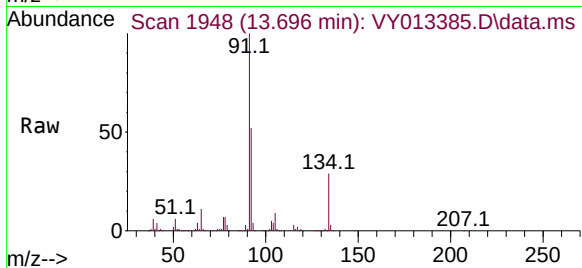
Tgt Ion: 91 Resp: 198088

Ion Ratio Lower Upper

91 100

92 51.1 25.8 77.3

134 27.7 13.5 40.4



#90

Hexachloroethane

Concen: 21.034 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013385.D

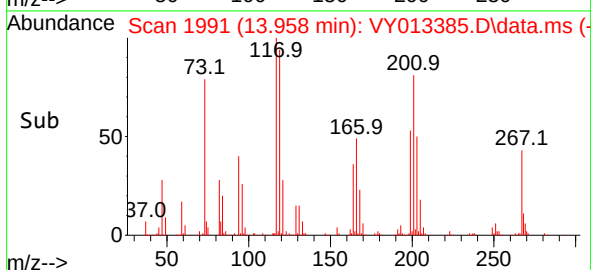
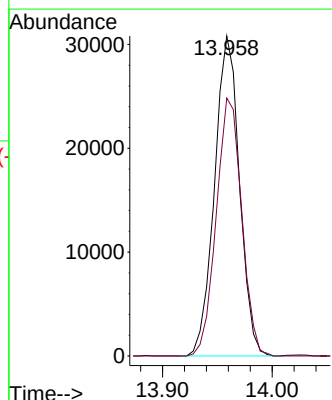
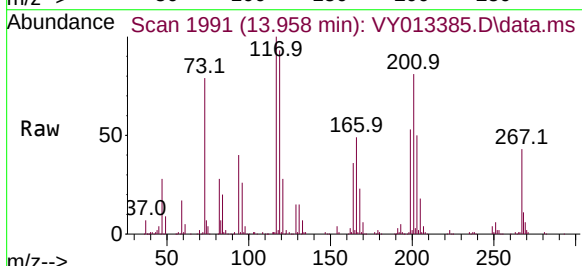
Acq: 21 Apr 2023 14:57

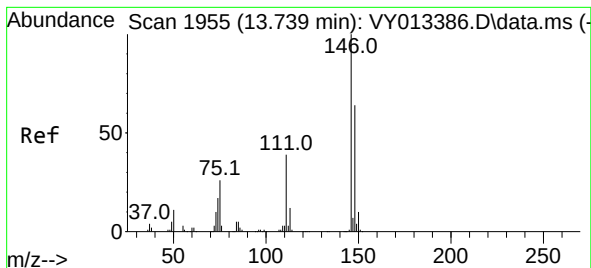
Tgt Ion: 117 Resp: 48710

Ion Ratio Lower Upper

117 100

201 82.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.038 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

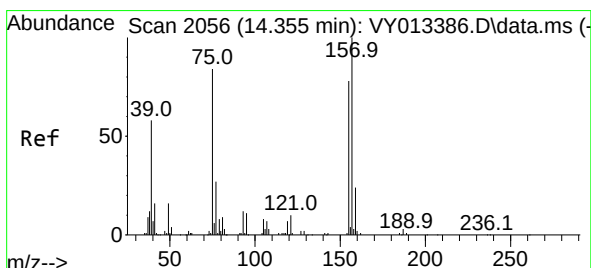
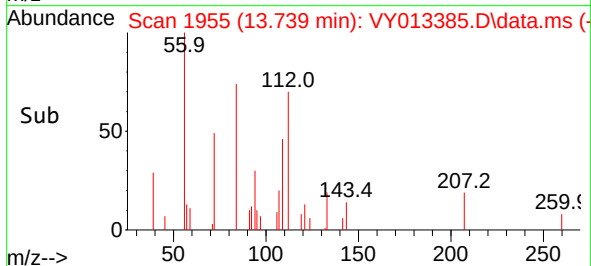
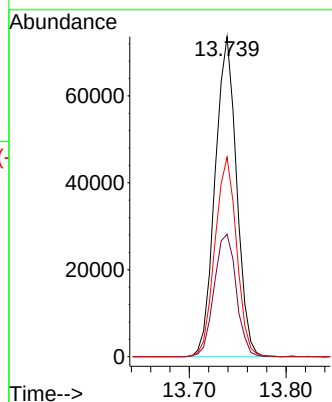
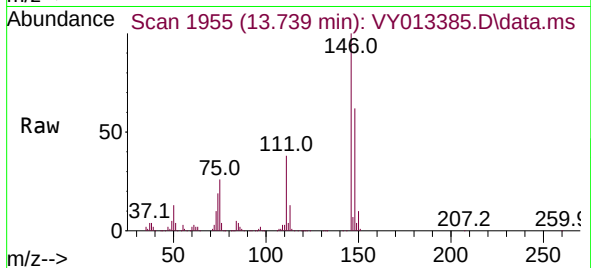
Tgt Ion:146 Resp: 113530

Ion Ratio Lower Upper

146 100

111 39.5 19.8 59.4

148 62.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.742 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

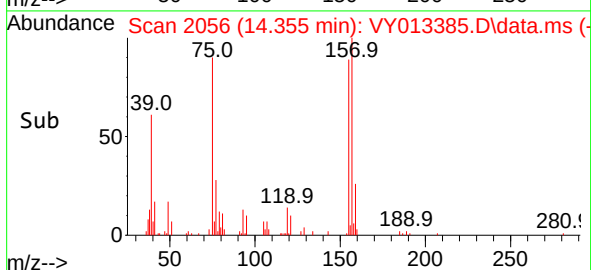
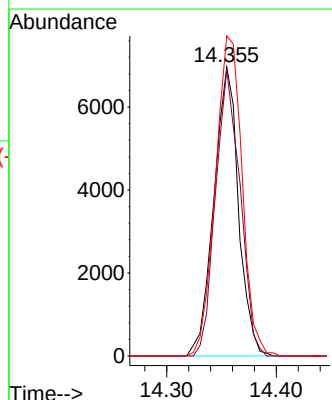
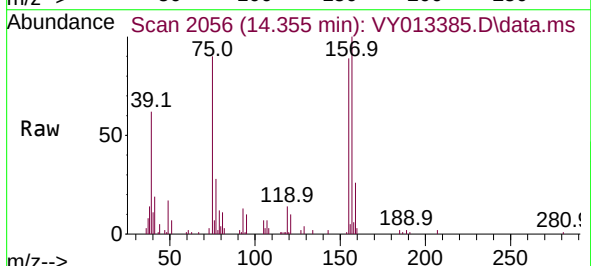
Tgt Ion: 75 Resp: 10880

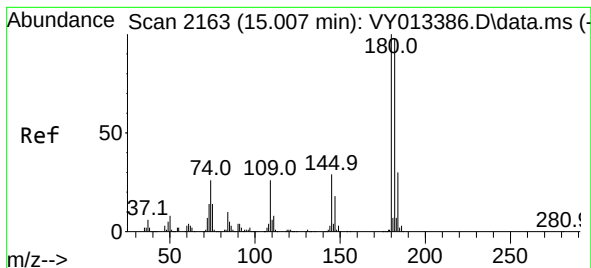
Ion Ratio Lower Upper

75 100

155 98.3 44.6 134.0

157 119.6 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 20.603 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

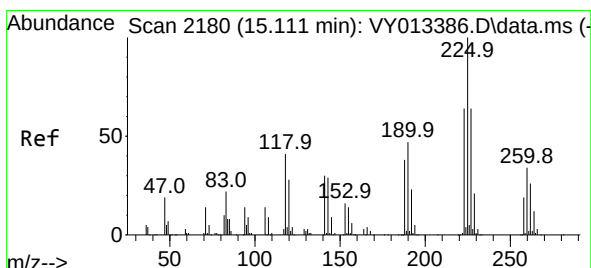
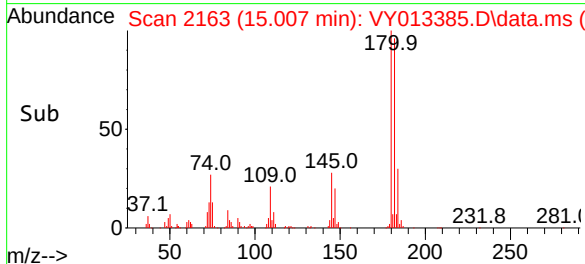
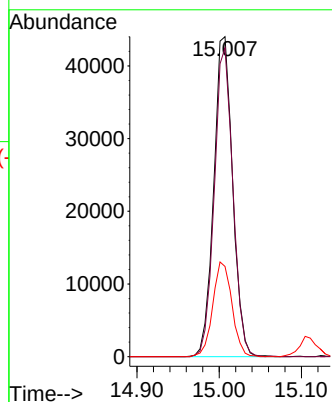
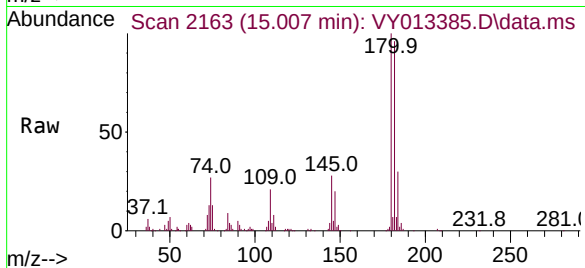
Tgt Ion:180 Resp: 70307

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.5

145 30.0 15.0 45.0



#94

Hexachlorobutadiene

Concen: 20.667 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

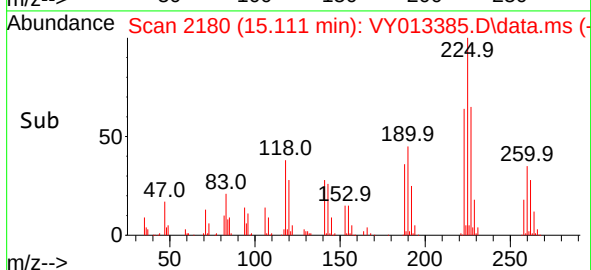
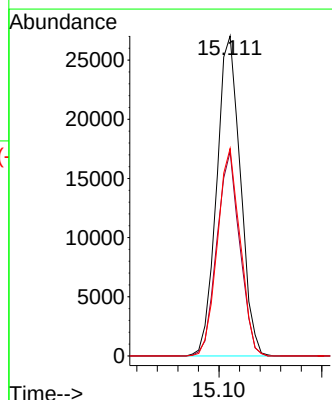
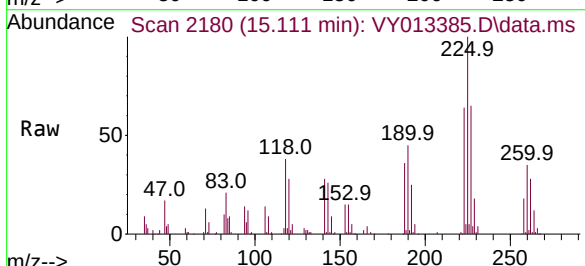
Tgt Ion:225 Resp: 43210

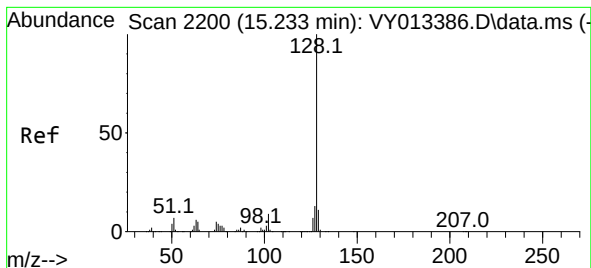
Ion Ratio Lower Upper

225 100

223 61.4 31.4 94.2

227 62.3 32.0 96.0





#95

Naphthalene

Concen: 20.069 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC020

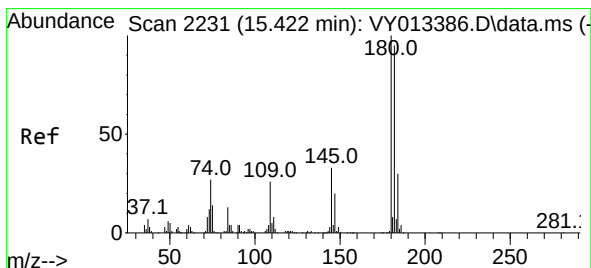
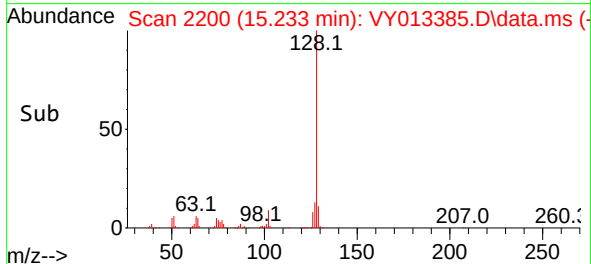
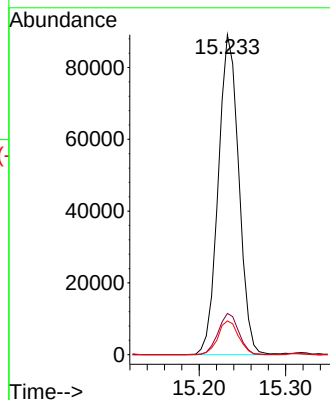
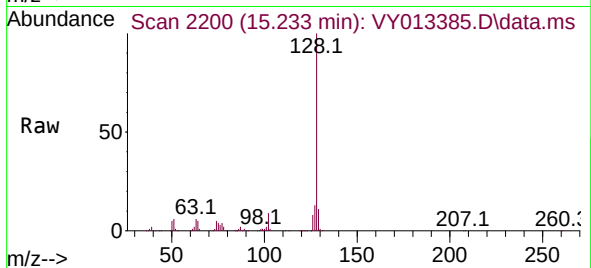
Tgt Ion:128 Resp: 146935

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.556 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013385.D

Acq: 21 Apr 2023 14:57

Tgt Ion:180 Resp: 61910

Ion Ratio Lower Upper

180 100

182 95.6 47.1 141.3

145 31.5 15.9 47.7

