

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016576.D
 Acq On : 04 Dec 2023 13:53
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 05 01:09:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 00:54:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	238499	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	353052	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	299623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	137898	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	201400	91.364	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 182.720%#	
35) Dibromofluoromethane	7.734	113	208856	98.300	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.600%#	
50) Toluene-d8	10.191	98	819362	101.953	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 203.900%#	
62) 4-Bromofluorobenzene	12.495	95	261871	99.085	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 198.160%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	182335	86.548	ug/l	99
3) Chloromethane	2.119	50	193317	88.454	ug/l	98
4) Vinyl Chloride	2.259	62	201653	91.367	ug/l	97
5) Bromomethane	2.655	94	121216	87.679	ug/l	99
6) Chloroethane	2.802	64	125508	92.063	ug/l	97
7) Trichlorofluoromethane	3.137	101	383091	91.818	ug/l	98
8) Diethyl Ether	3.539	74	98473	84.742	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.911	101	214136	91.776	ug/l	98
10) Methyl Iodide	4.106	142	238754	96.849	ug/l	99
11) Tert butyl alcohol	4.960	59	59101	393.501	ug/l #	79
12) 1,1-Dichloroethene	3.887	96	200151	94.431	ug/l	93
13) Acrolein	3.741	56	90220	413.184	ug/l	100
14) Allyl chloride	4.496	41	302625	93.557	ug/l	97
15) Acrylonitrile	5.173	53	185820	396.197	ug/l	98
16) Acetone	3.954	43	168597	337.987	ug/l	95
17) Carbon Disulfide	4.210	76	558231	93.939	ug/l	99
18) Methyl Acetate	4.490	43	166049	83.979	ug/l	94
19) Methyl tert-butyl Ether	5.240	73	451242	86.606	ug/l	99
20) Methylene Chloride	4.734	84	194600	91.272	ug/l	92
21) trans-1,2-Dichloroethene	5.240	96	218725	91.767	ug/l	94
22) Diisopropyl ether	6.130	45	597911	89.878	ug/l	92
23) Vinyl Acetate	6.075	43	1344818	421.100	ug/l #	95
24) 1,1-Dichloroethane	6.033	63	371205	90.826	ug/l	97
25) 2-Butanone	7.002	43	248846	362.789	ug/l	94
26) 2,2-Dichloropropane	6.996	77	352231	91.674	ug/l	98
27) cis-1,2-Dichloroethene	7.002	96	236632	90.192	ug/l	96
28) Bromochloromethane	7.350	49	148328	89.600	ug/l	88
29) Tetrahydrofuran	7.362	42	157708	403.274	ug/l	93
30) Chloroform	7.520	83	390970	89.743	ug/l	97
31) Cyclohexane	7.801	56	324879	86.331	ug/l	93
32) 1,1,1-Trichloroethane	7.715	97	381399	92.505	ug/l	98
36) 1,1-Dichloropropene	7.935	75	307498	95.208	ug/l	99
37) Ethyl Acetate	7.087	43	108998	80.652	ug/l #	96
38) Carbon Tetrachloride	7.917	117	355607	95.108	ug/l	98
39) Methylcyclohexane	9.197	83	377674	97.057	ug/l	94
40) Benzene	8.173	78	831411	91.329	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	65407	85.944	ug/l	89
42) 1,2-Dichloroethane	8.252	62	226624	85.734	ug/l	95
43) Isopropyl Acetate	8.288	43	221342	84.900	ug/l	93
44) Trichloroethene	8.953	130	253053	92.175	ug/l	97
45) 1,2-Dichloropropane	9.227	63	195797	89.336	ug/l	95
46) Dibromomethane	9.319	93	103041	85.760	ug/l	99
47) Bromodichloromethane	9.508	83	285125	89.137	ug/l	97
48) Methyl methacrylate	9.307	41	133010	88.341	ug/l	93
49) 1,4-Dioxane	9.313	88	20137	1655.824	ug/l #	56
51) 4-Methyl-2-Pentanone	10.081	43	575850	425.021	ug/l	95
52) Toluene	10.258	92	536819	94.087	ug/l	96
53) t-1,3-Dichloropropene	10.477	75	268682	89.003	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	322028	90.830	ug/l	95
55) 1,1,2-Trichloroethane	10.660	97	143620	85.811	ug/l	94
56) Ethyl methacrylate	10.520	69	136716	89.115	ug/l	92
57) 1,3-Dichloropropane	10.800	76	245078	86.681	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.794	63	467670	494.663	ug/l	92
59) 2-Hexanone	10.843	43	412051	402.024	ug/l	94
60) Dibromochloromethane	10.995	129	195086	87.238	ug/l	100
61) 1,2-Dibromoethane	11.099	107	135831	86.286	ug/l	100
64) Tetrachloroethene	10.733	164	262046	95.429	ug/l	98
65) Chlorobenzene	11.532	112	564085	92.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.605	131	217663	91.767	ug/l	100
67) Ethyl Benzene	11.605	91	1041666	95.709	ug/l	99
68) m/p-Xylenes	11.715	106	791115	191.474	ug/l	96
69) o-Xylene	12.044	106	368425	95.520	ug/l	97
70) Styrene	12.056	104	529744	95.725	ug/l	99
71) Bromoform	12.221	173	111989	87.438	ug/l #	100
73) Isopropylbenzene	12.343	105	1027938	100.670	ug/l	99
74) N-amyl acetate	12.154	43	185283	91.001	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	139246	85.738	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	195905	153.440	ug/l #	100
77) Bromobenzene	12.623	156	228674	95.023	ug/l	91
78) n-propylbenzene	12.684	91	1184445	99.660	ug/l	98
79) 2-Chlorotoluene	12.769	91	647479	96.679	ug/l	98
80) 1,3,5-Trimethylbenzene	12.824	105	822063	99.080	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.391	75	49272	89.227	ug/l	98
82) 4-Chlorotoluene	12.867	91	669427	96.600	ug/l	99
83) tert-Butylbenzene	13.086	119	731181	98.633	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	800181	98.736	ug/l	98
85) sec-Butylbenzene	13.263	105	1024160	98.366	ug/l	98
86) p-Isopropyltoluene	13.379	119	900287	99.612	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	433144	94.288	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	423668	93.972	ug/l	99
89) n-Butylbenzene	13.708	91	806877	99.272	ug/l	96
90) Hexachloroethane	13.970	117	173699	97.676	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	365849	92.759	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	22730	87.458	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	219271	98.522	ug/l	99
94) Hexachlorobutadiene	15.123	225	131037	93.189	ug/l	98
95) Naphthalene	15.245	128	368209	89.162	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	176349	90.904	ug/l	98

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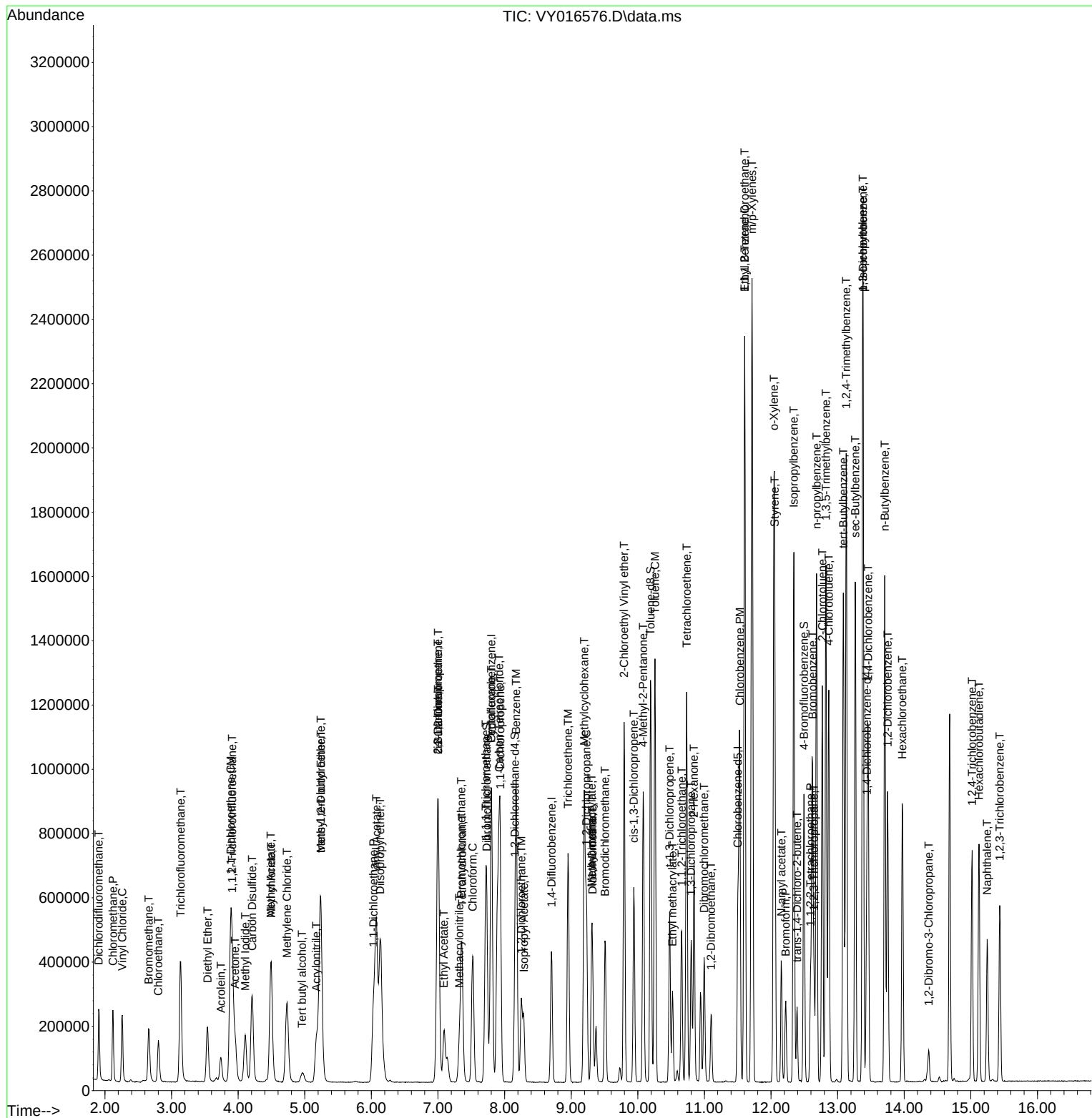
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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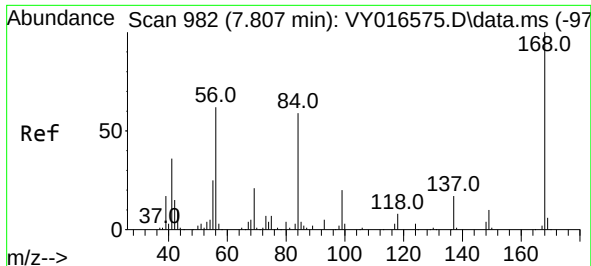
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
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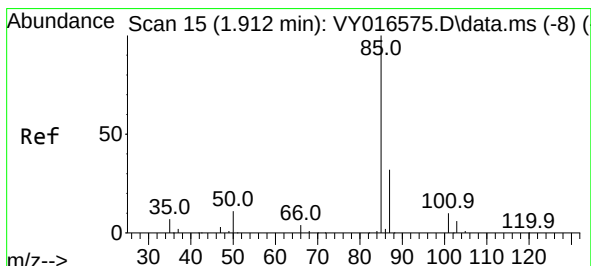
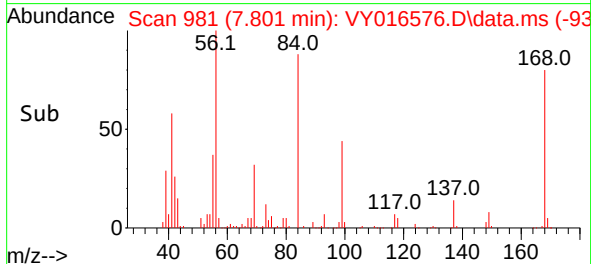
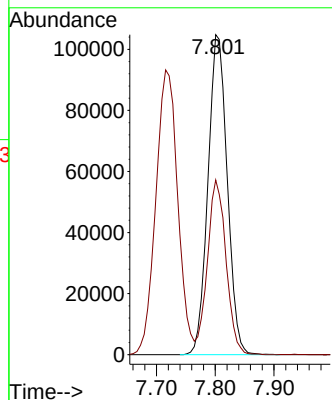
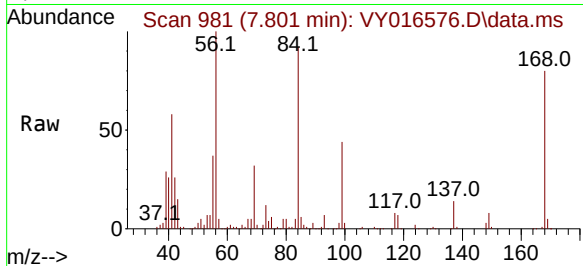




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016576.D
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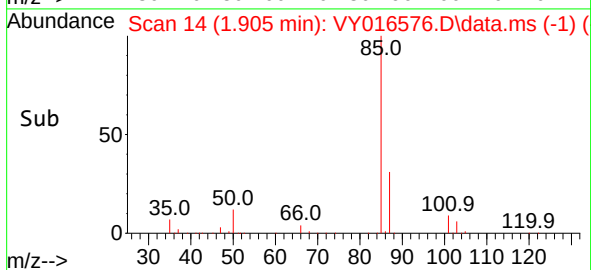
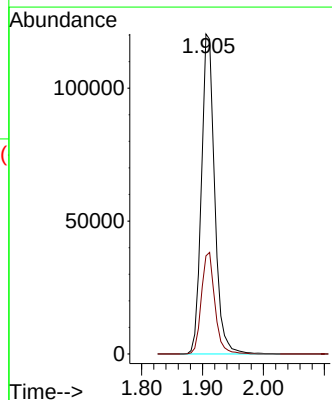
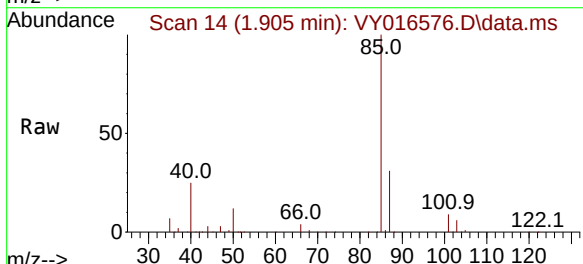
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

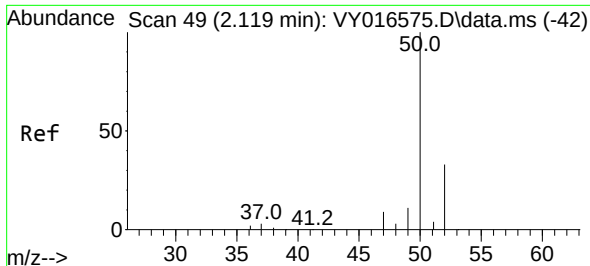
Tgt Ion:168 Resp: 238499
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 86.548 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 85 Resp: 182335
Ion Ratio Lower Upper
85 100
87 30.7 15.6 46.8

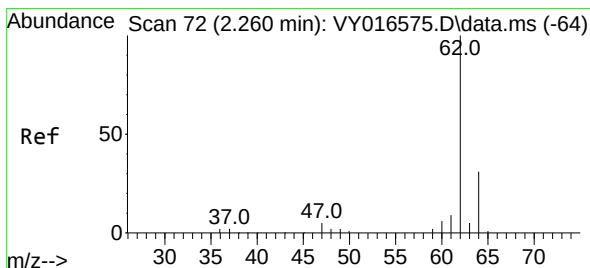
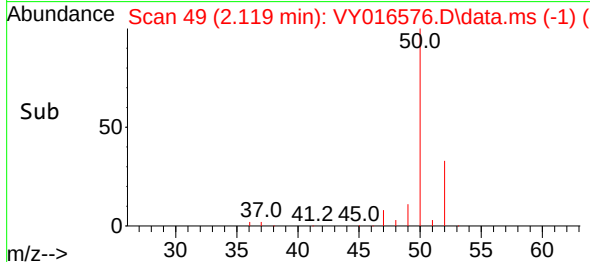
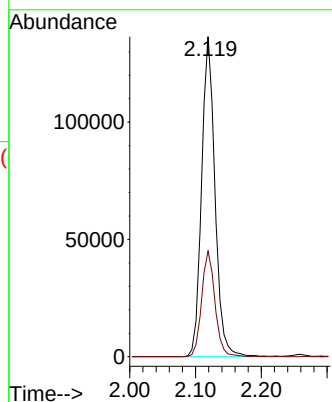
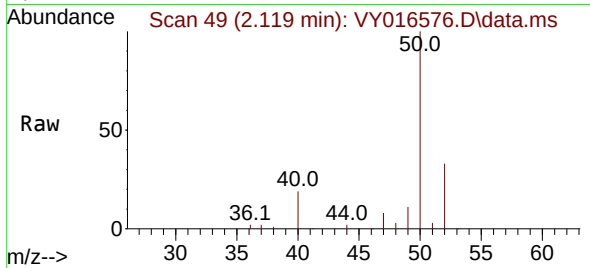




#3
Chloromethane
Concen: 88.454 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

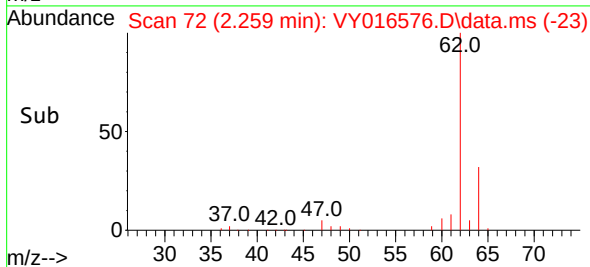
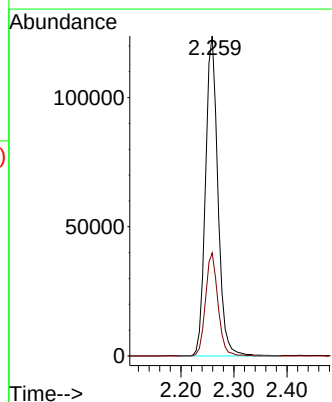
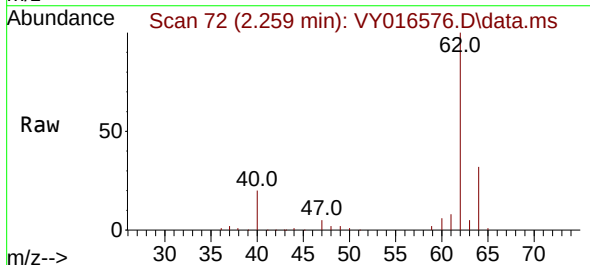
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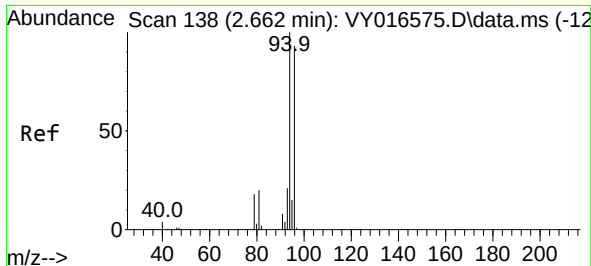
Tgt Ion: 50 Resp: 193317
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 91.367 ug/l
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 62 Resp: 201653
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

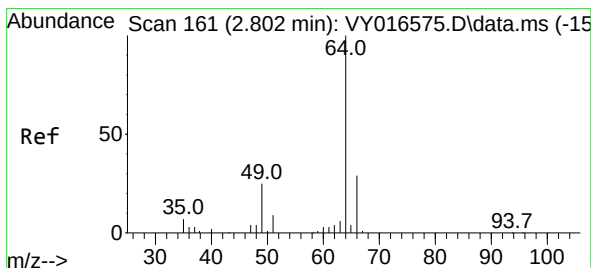
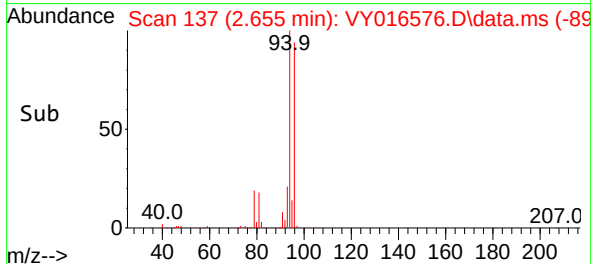
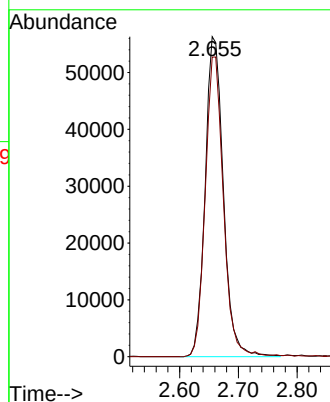
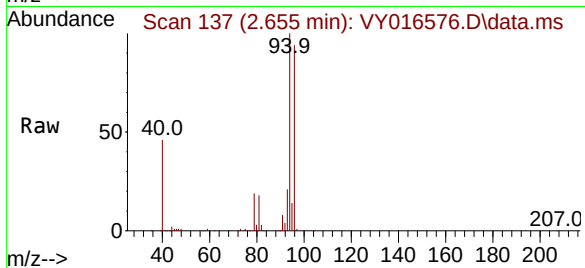




#5
Bromomethane
Concen: 87.679 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY016576.D
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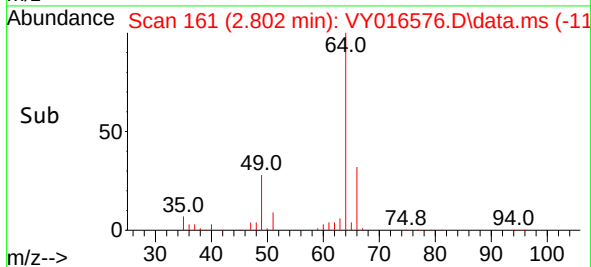
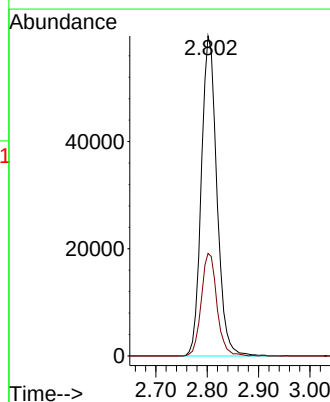
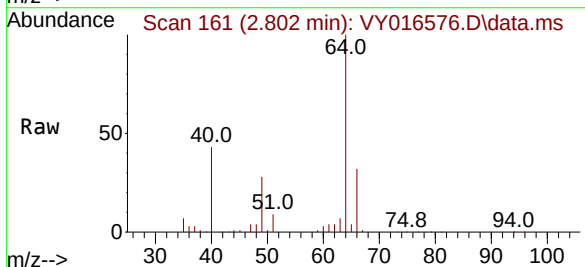
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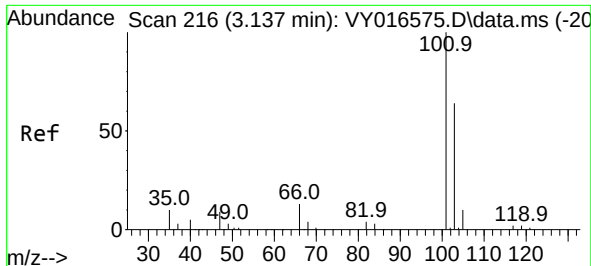
Tgt Ion: 94 Resp: 121216
Ion Ratio Lower Upper
94 100
96 93.6 75.8 113.6



#6
Chloroethane
Concen: 92.063 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 64 Resp: 125508
Ion Ratio Lower Upper
64 100
66 32.0 24.4 36.6

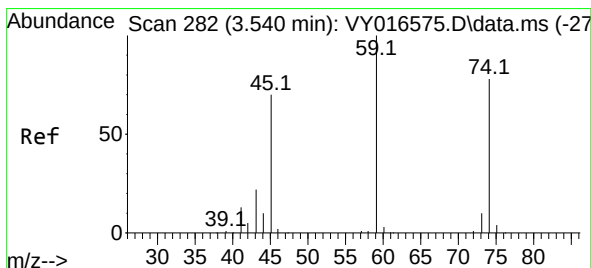
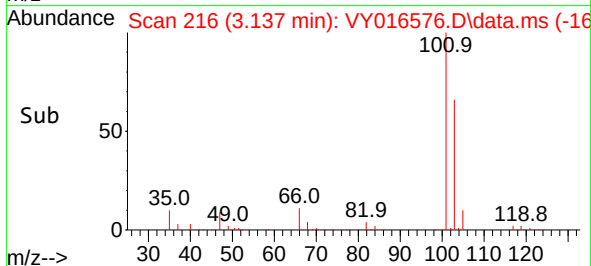
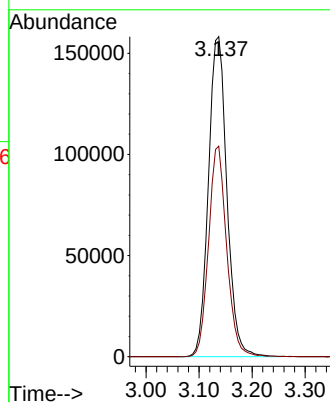
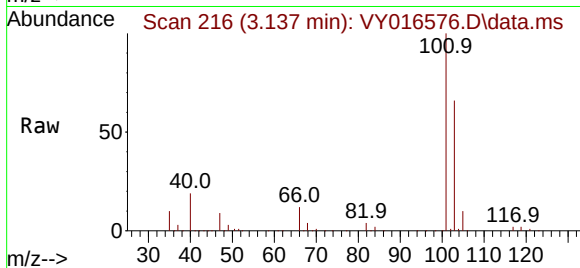




#7
 Trichlorofluoromethane
 Concen: 91.818 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

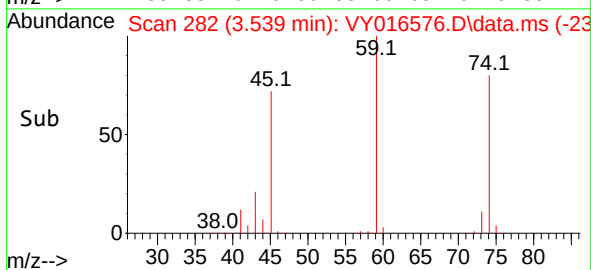
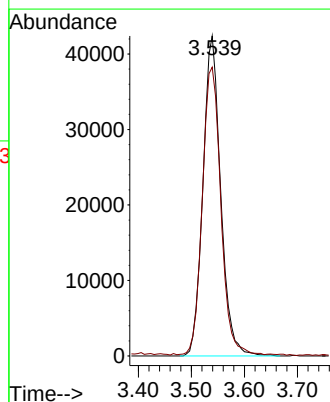
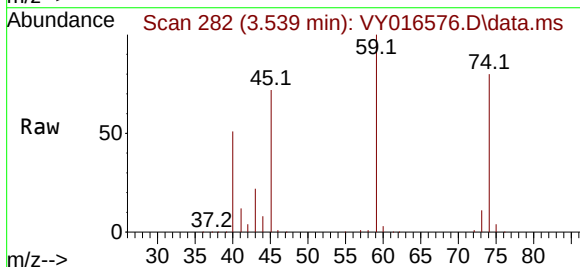
Instrument :
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 VSTDIC100

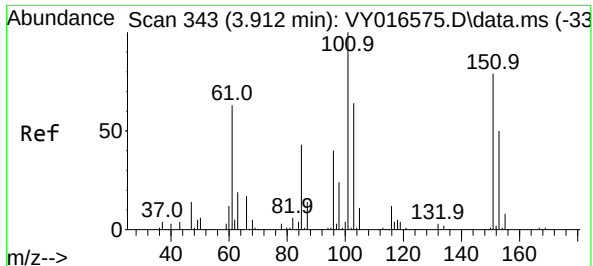
Tgt Ion:101 Resp: 383091
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 84.742 ug/l
 RT: 3.539 min Scan# 282
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 98473
 Ion Ratio Lower Upper
 74 100
 45 93.3 51.5 154.5

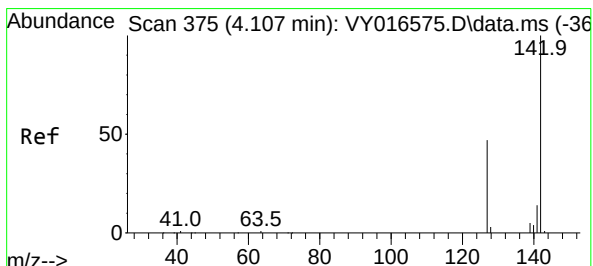
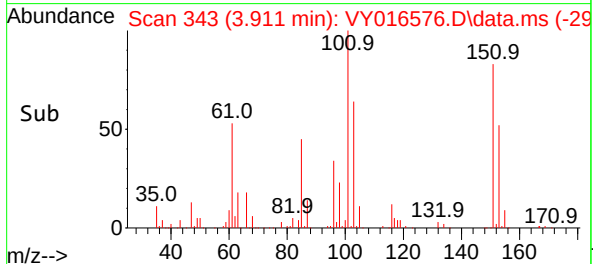
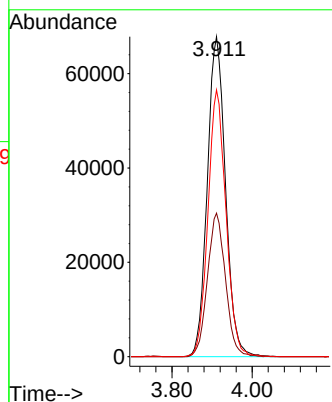
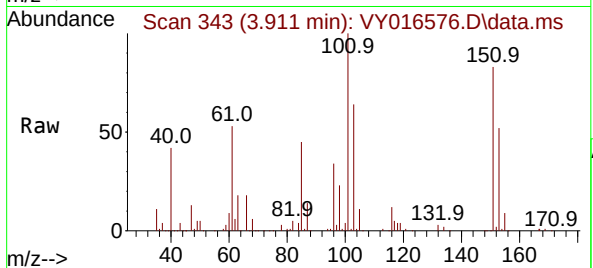




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.776 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

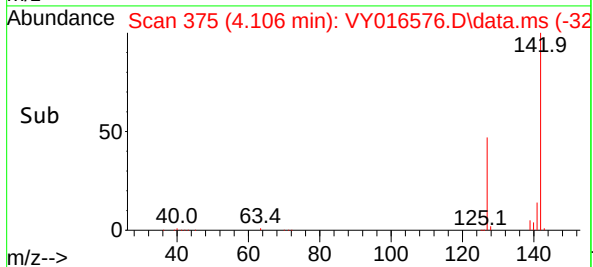
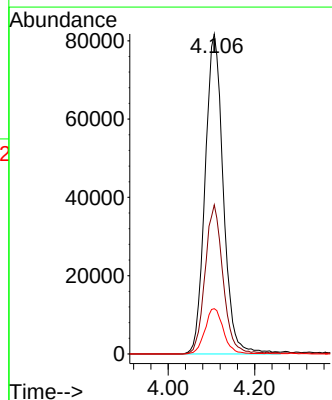
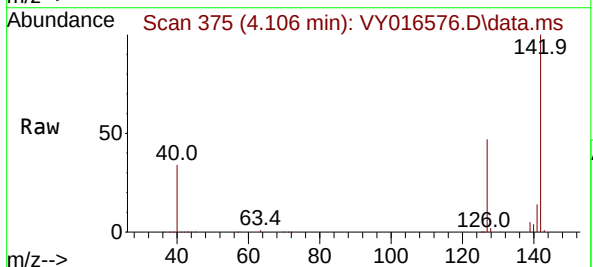
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

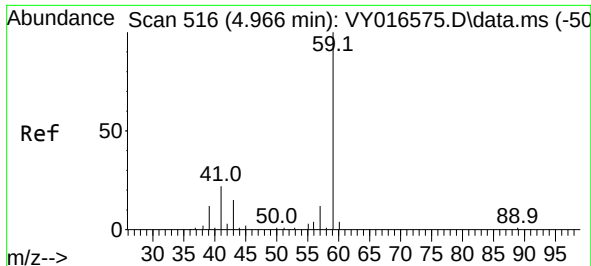
Tgt Ion:101 Resp: 214136
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 82.5 67.0 100.6



#10
Methyl Iodide
Concen: 96.849 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:142 Resp: 238754
Ion Ratio Lower Upper
142 100
127 46.0 37.6 56.4
141 14.4 11.8 17.8

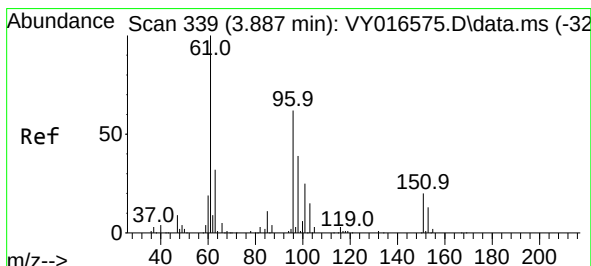
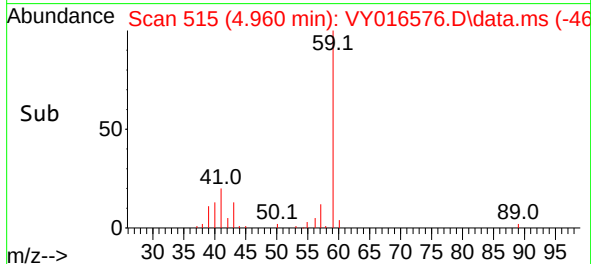
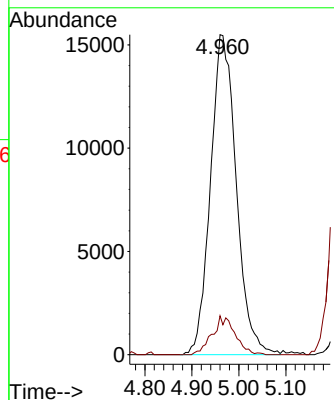
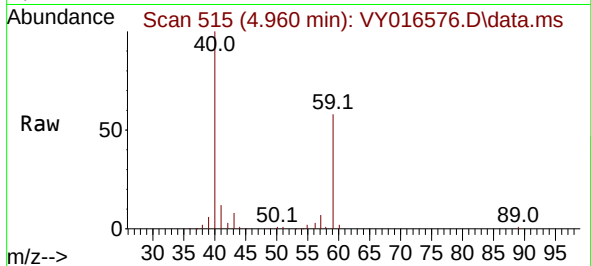




#11
Tert butyl alcohol
Concen: 393.501 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

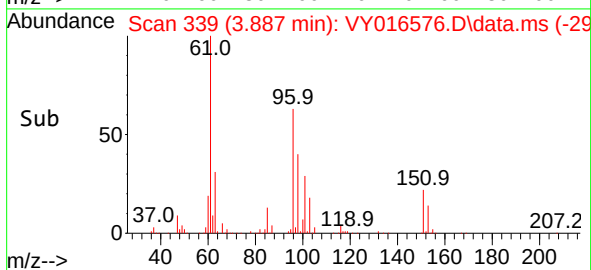
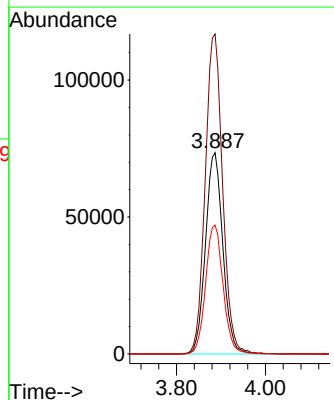
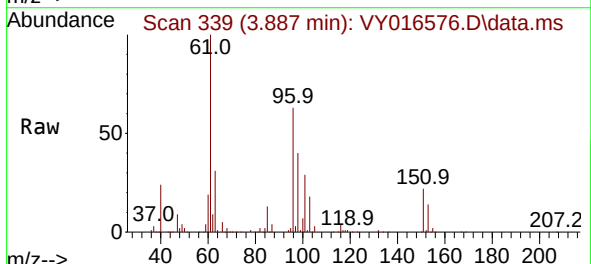
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

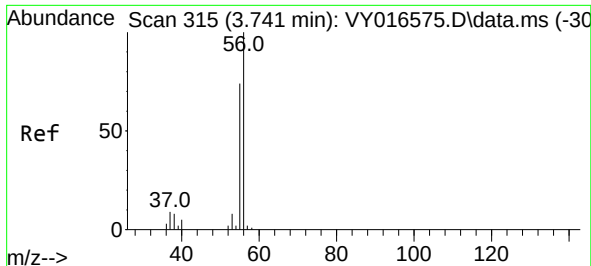
Tgt Ion: 59 Resp: 59101
Ion Ratio Lower Upper
59 100
57 10.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 94.431 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 96 Resp: 200151
Ion Ratio Lower Upper
96 100
61 159.0 136.4 204.6
98 64.0 49.4 74.2

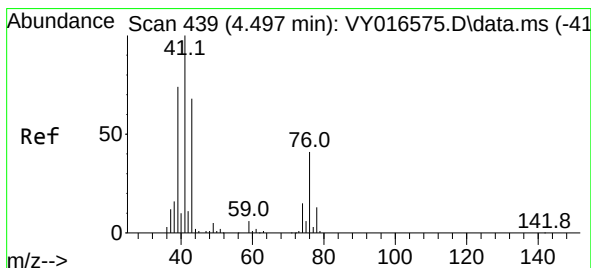
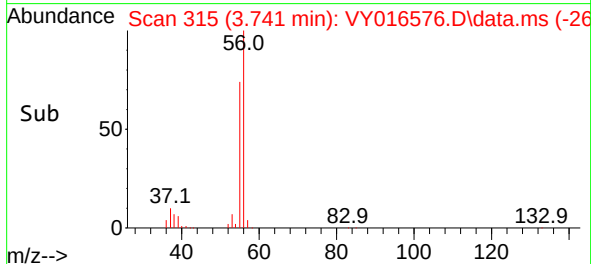
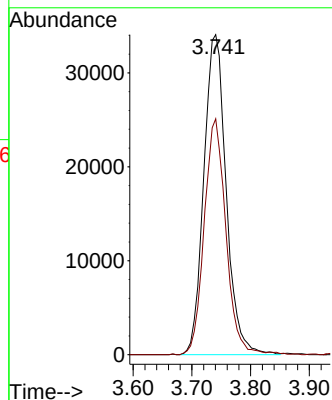
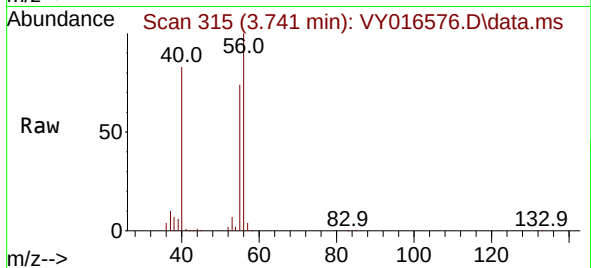




#13
Acrolein
Concen: 413.184 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

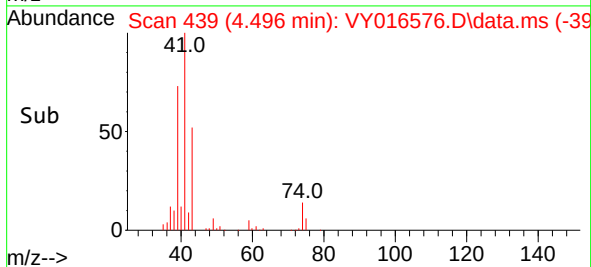
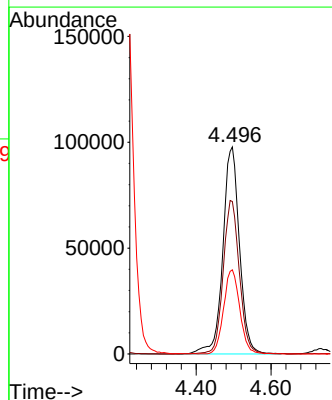
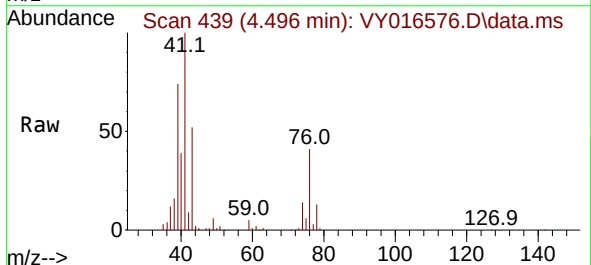
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

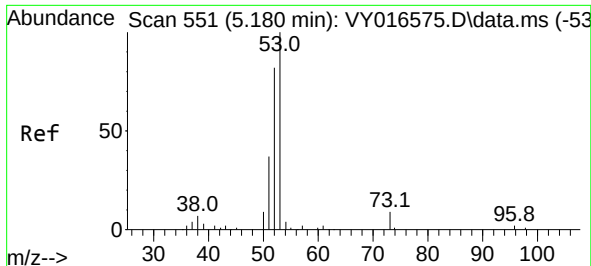
Tgt Ion: 56 Resp: 90220
Ion Ratio Lower Upper
56 100
55 71.2 57.0 85.4



#14
Allyl chloride
Concen: 93.557 ug/l
RT: 4.496 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 41 Resp: 302625
Ion Ratio Lower Upper
41 100
39 72.2 58.0 87.0
76 39.5 27.4 41.2

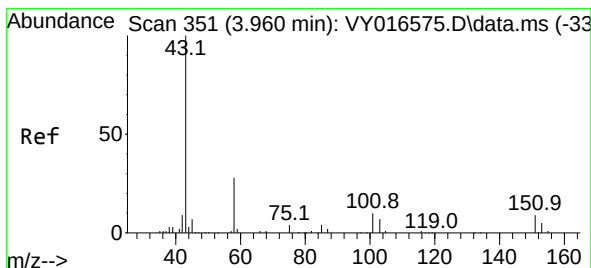
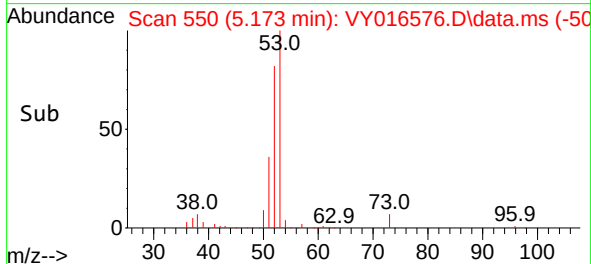
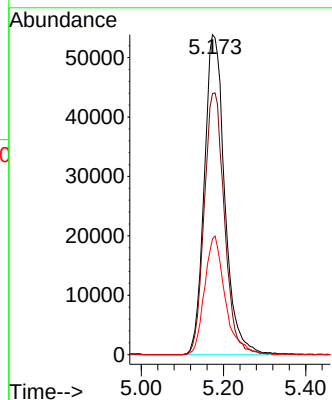
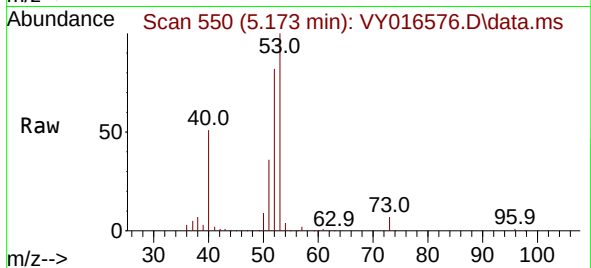




#15
Acrylonitrile
Concen: 396.197 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

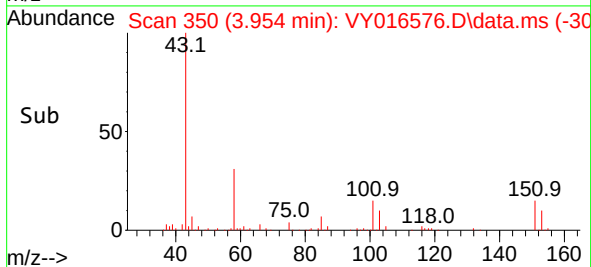
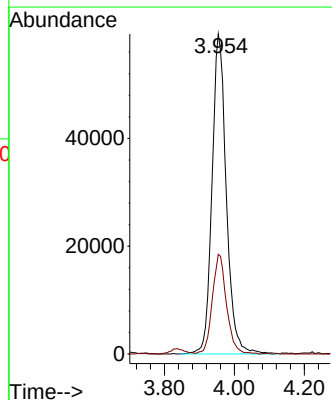
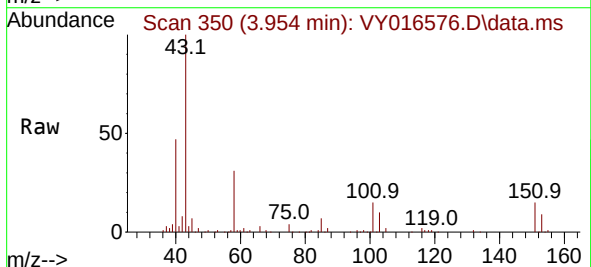
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

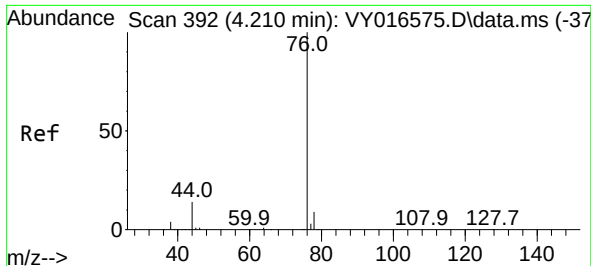
Tgt Ion: 53 Resp: 185820
Ion Ratio Lower Upper
53 100
52 80.9 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 337.987 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 43 Resp: 168597
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1

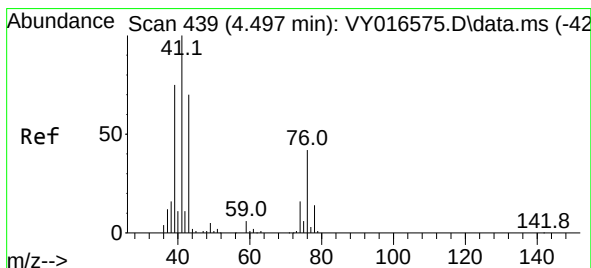
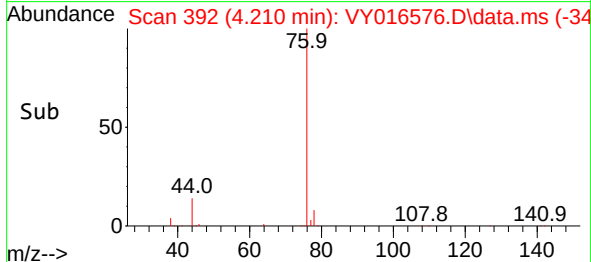
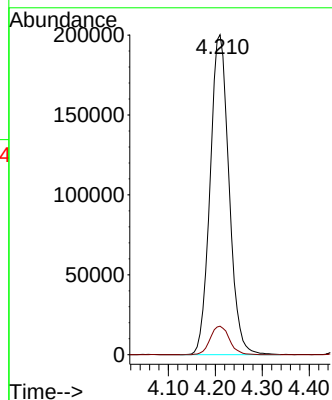
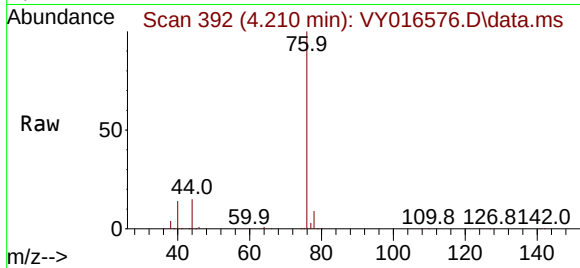




#17
Carbon Disulfide
Concen: 93.939 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

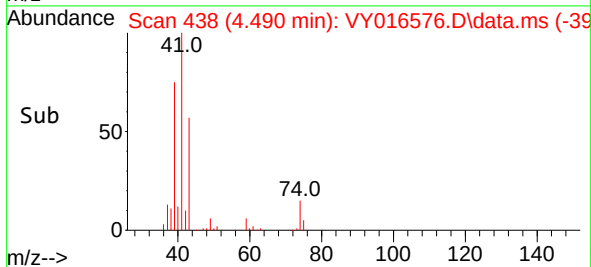
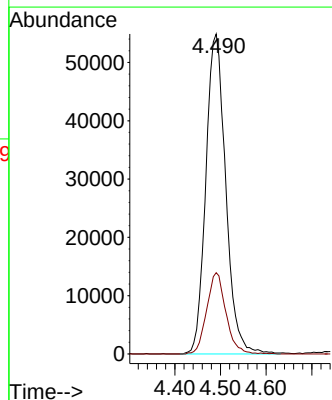
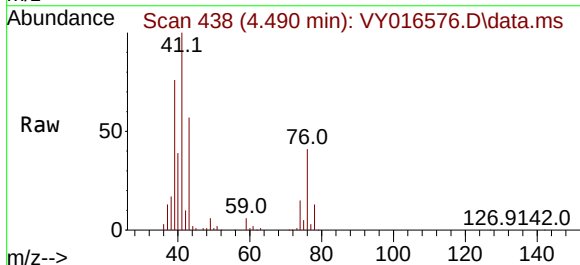
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

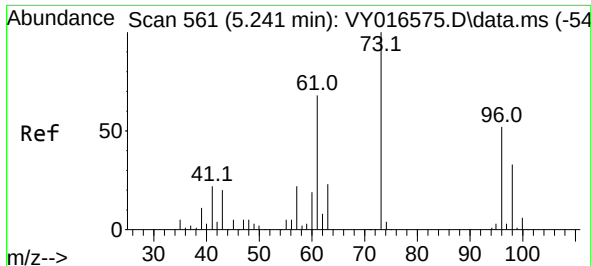
Tgt Ion: 76 Resp: 558231
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.4



#18
Methyl Acetate
Concen: 83.979 ug/l
RT: 4.490 min Scan# 438
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 43 Resp: 166049
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 86.606 ug/l

RT: 5.240 min Scan# 5

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

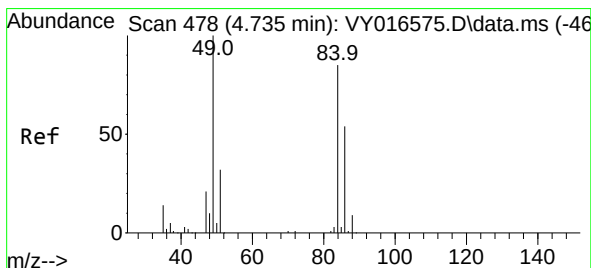
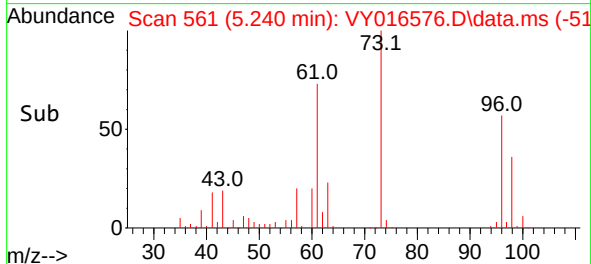
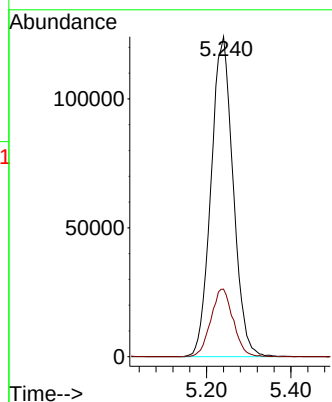
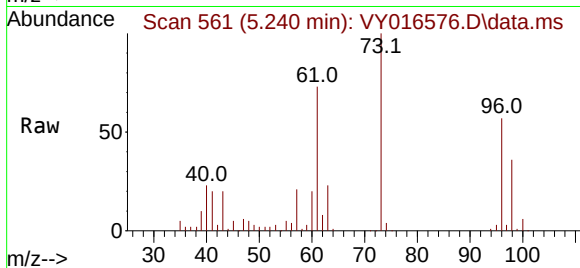
VSTDICC100

Tgt Ion: 73 Resp: 451242

Ion Ratio Lower Upper

73 100

57 21.1 17.3 25.9



#20

Methylene Chloride

Concen: 91.272 ug/l

RT: 4.734 min Scan# 478

Delta R.T. -0.001 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Tgt Ion: 84 Resp: 194600

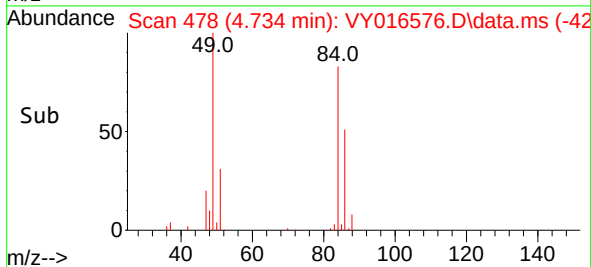
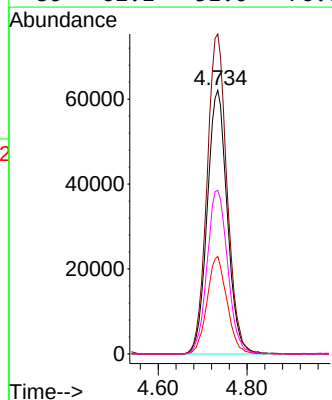
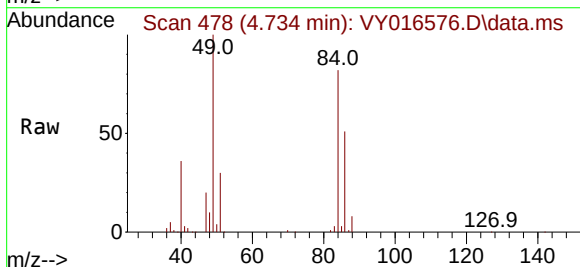
Ion Ratio Lower Upper

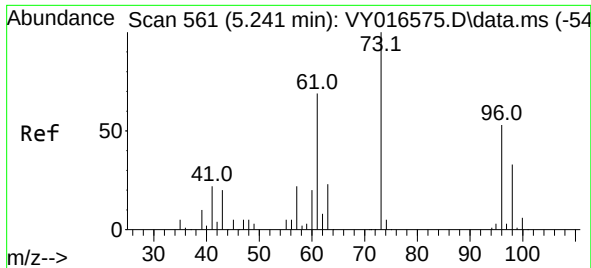
84 100

49 121.3 106.9 160.3

51 37.0 33.2 49.8

86 62.1 51.0 76.6

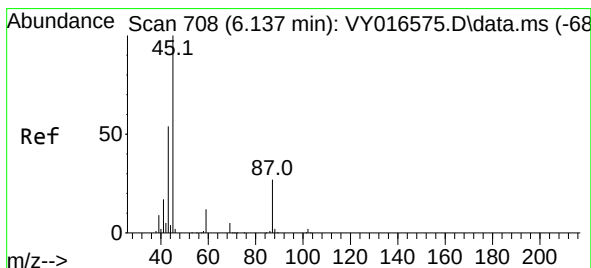
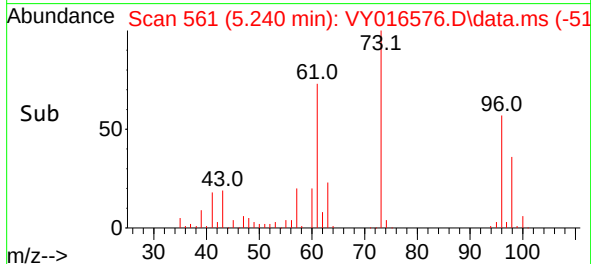
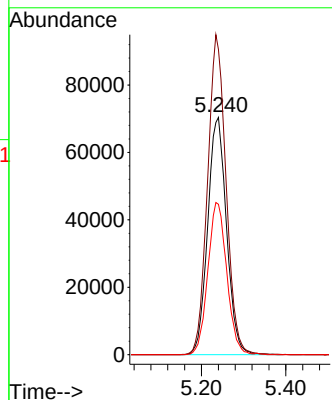
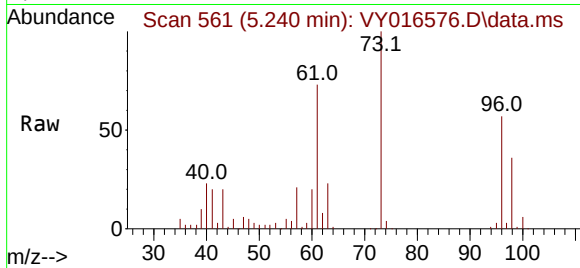




#21
trans-1,2-Dichloroethene
Concen: 91.767 ug/l
RT: 5.240 min Scan# 501
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

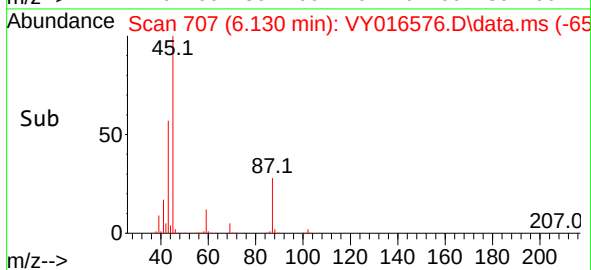
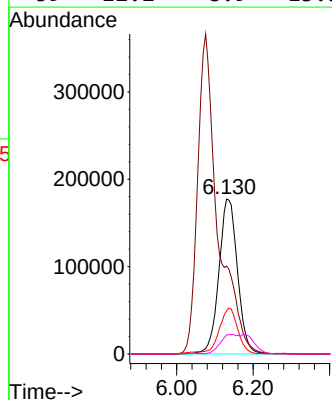
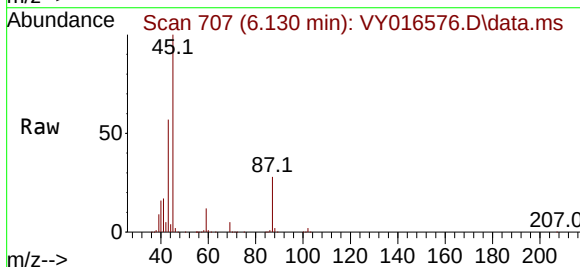
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

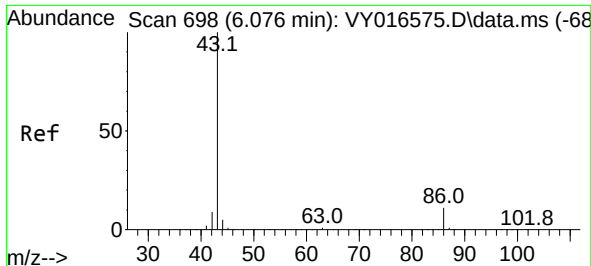
Tgt Ion: 96 Resp: 218725
Ion Ratio Lower Upper
96 100
61 128.7 110.2 165.4
98 63.4 51.8 77.6



#22
Diisopropyl ether
Concen: 89.878 ug/l
RT: 6.130 min Scan# 707
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 45 Resp: 597911
Ion Ratio Lower Upper
45 100
43 56.4 52.2 78.4
87 27.8 21.0 31.6
59 12.2 8.9 13.3

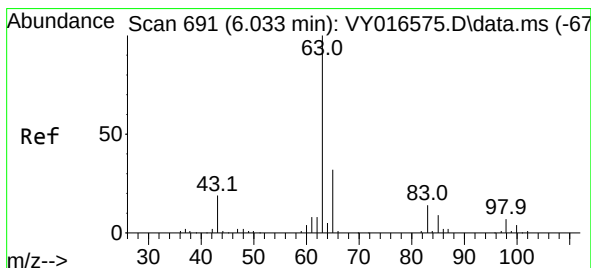
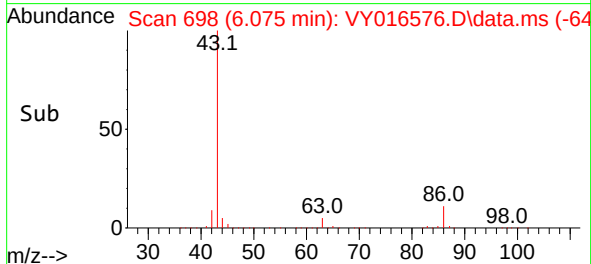
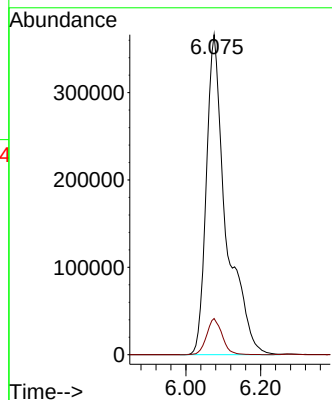
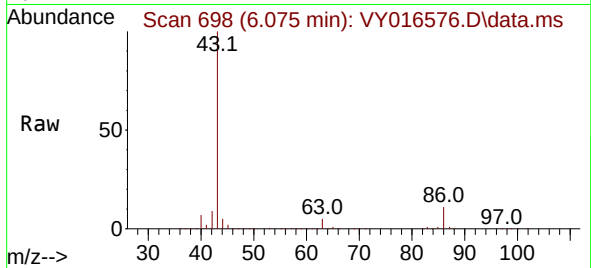




#23
 Vinyl Acetate
 Concen: 421.100 ug/l
 RT: 6.075 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

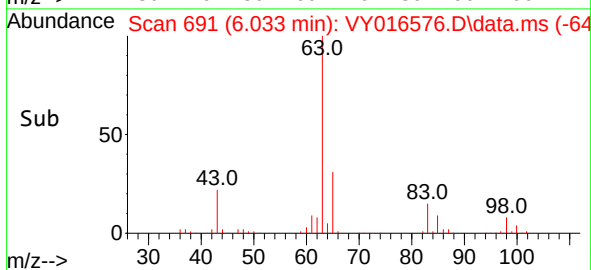
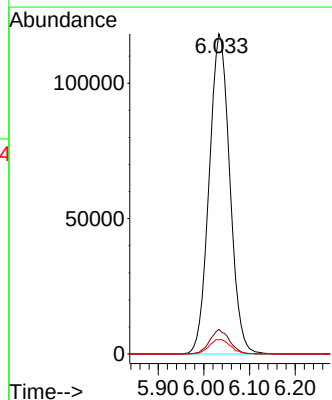
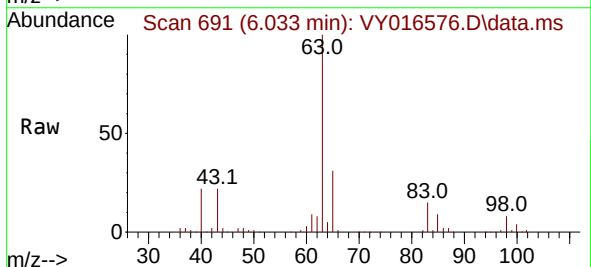
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

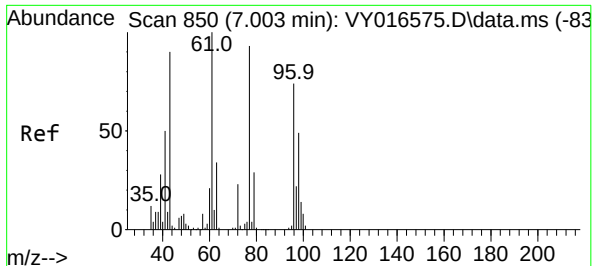
Tgt Ion: 43 Resp: 1344818
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 90.826 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

Tgt Ion: 63 Resp: 371205
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.4 1.8 5.5

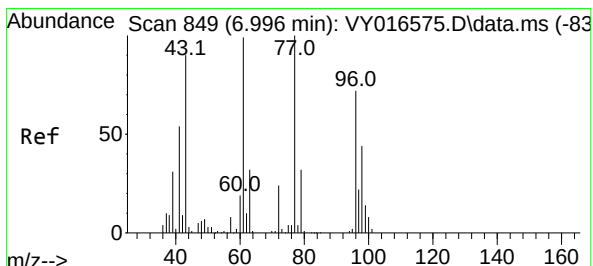
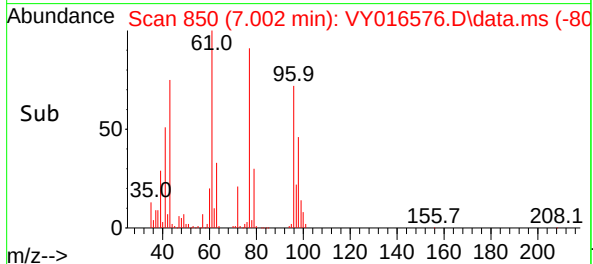
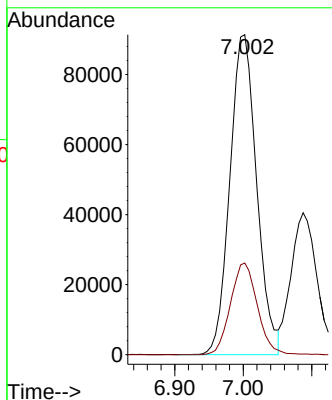
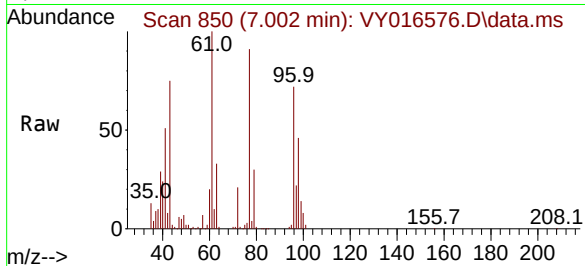




#25
2-Butanone
Concen: 362.789 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

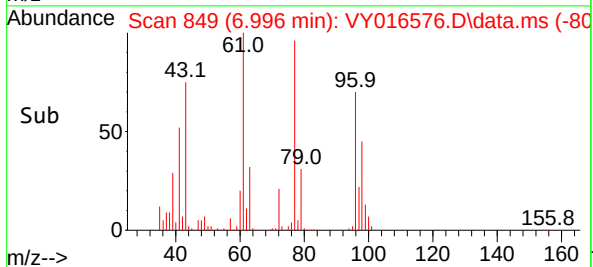
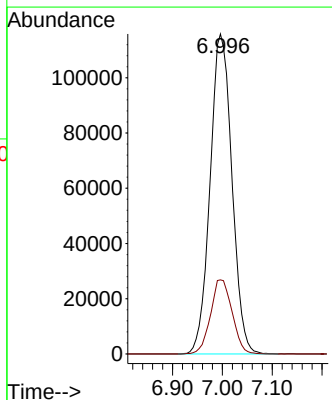
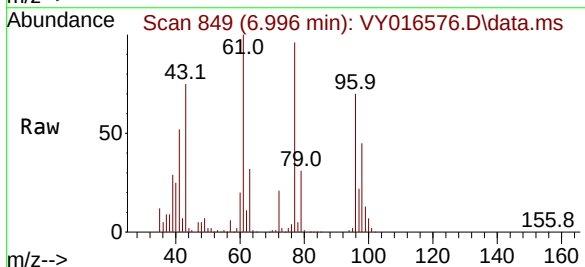
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

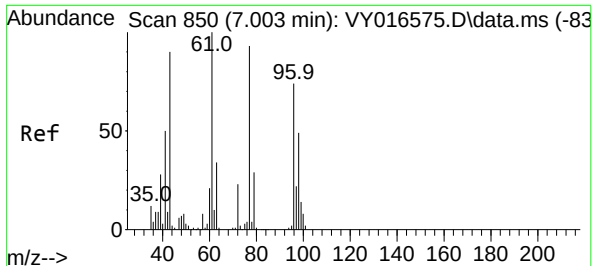
Tgt Ion: 43 Resp: 248846
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 91.674 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 77 Resp: 352231
Ion Ratio Lower Upper
77 100
97 22.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 90.192 ug/l

RT: 7.002 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

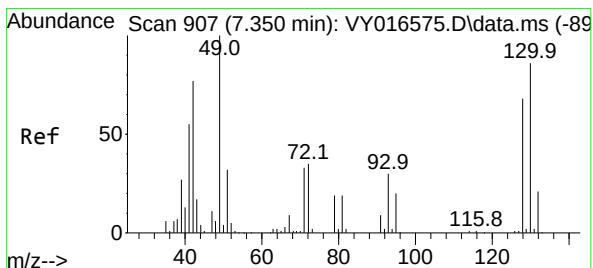
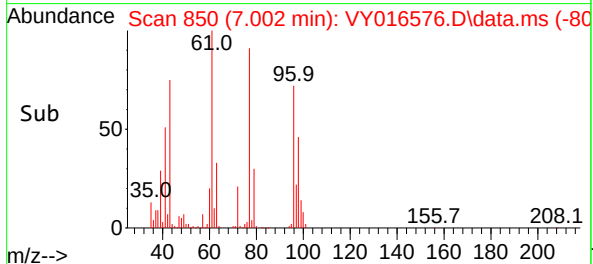
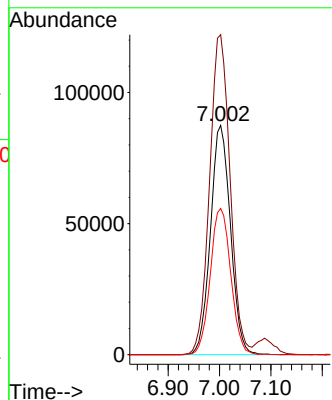
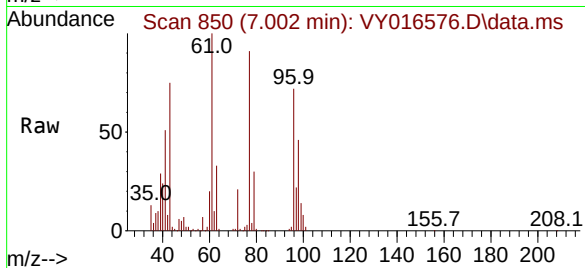
Tgt Ion: 96 Resp: 236632

Ion Ratio Lower Upper

96 100

61 142.8 0.0 301.4

98 65.3 0.0 130.4



#28

Bromochloromethane

Concen: 89.600 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

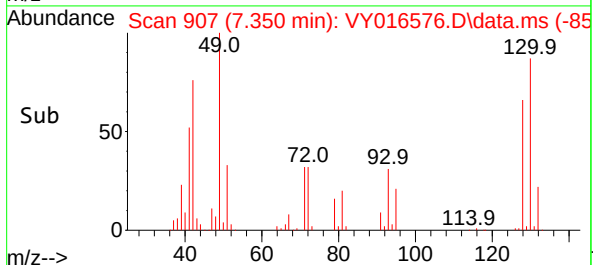
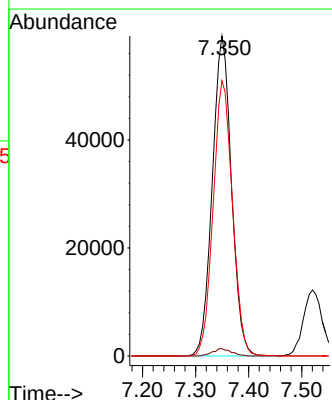
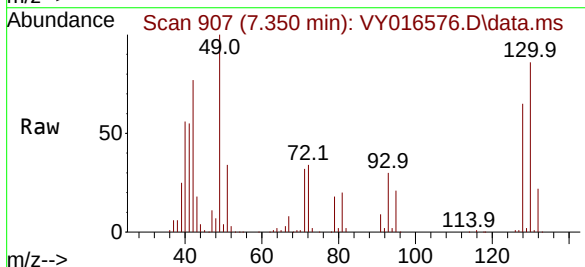
Tgt Ion: 49 Resp: 148328

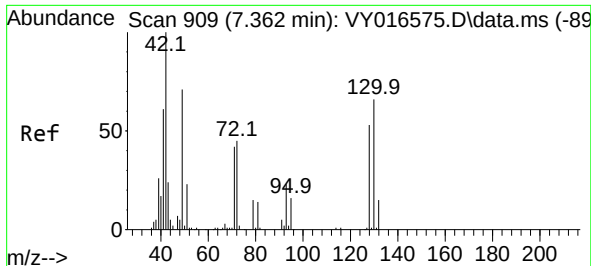
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 86.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 403.274 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

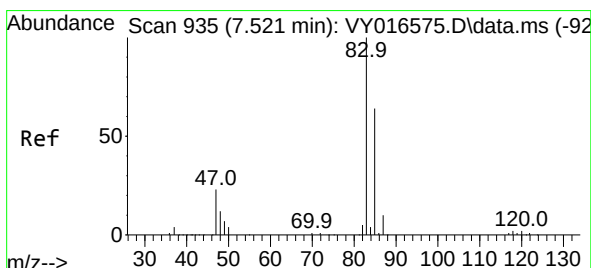
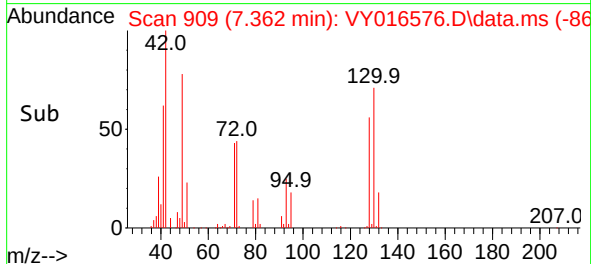
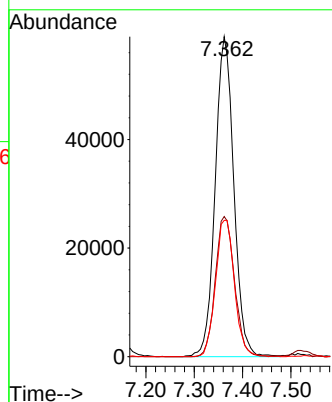
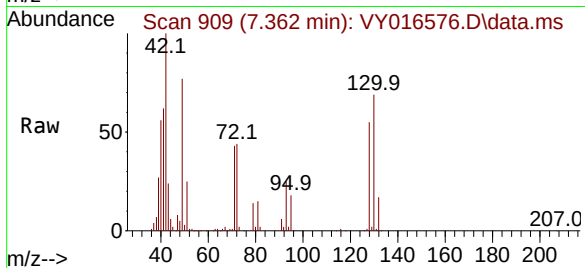
Tgt Ion: 42 Resp: 157708

Ion Ratio Lower Upper

42 100

72 45.1 32.8 49.2

71 43.3 31.0 46.4



#30

Chloroform

Concen: 89.743 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016576.D

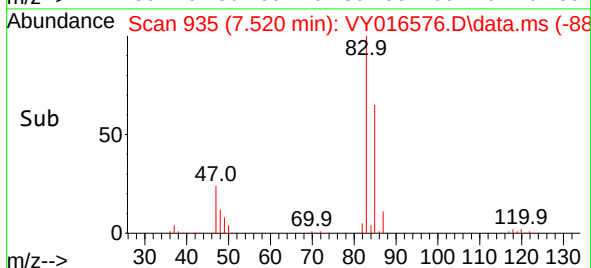
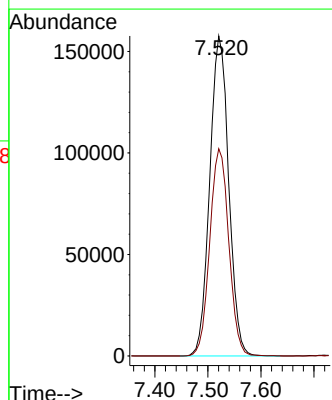
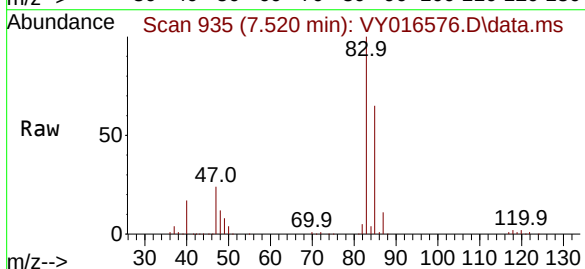
Acq: 04 Dec 2023 13:53

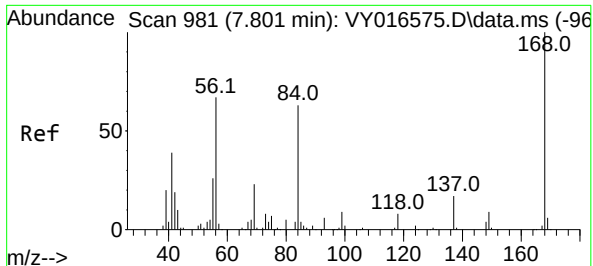
Tgt Ion: 83 Resp: 390970

Ion Ratio Lower Upper

83 100

85 64.8 49.7 74.5

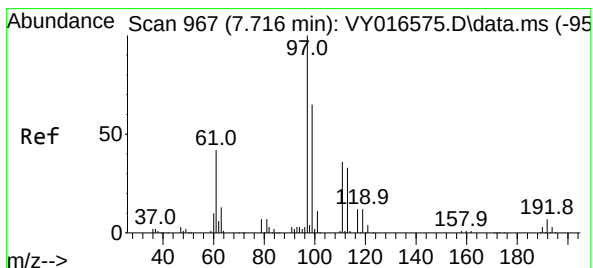
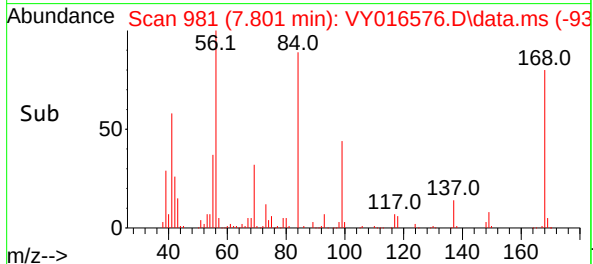
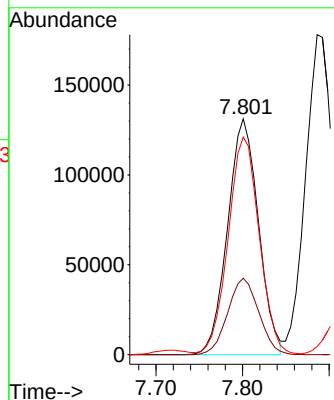
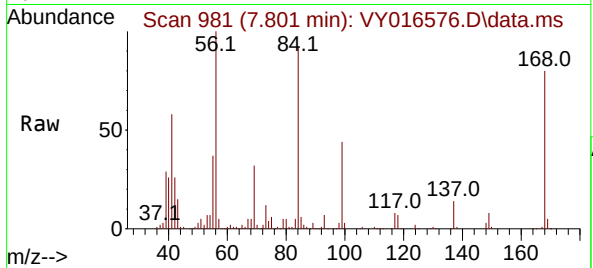




#31
Cyclohexane
Concen: 86.331 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

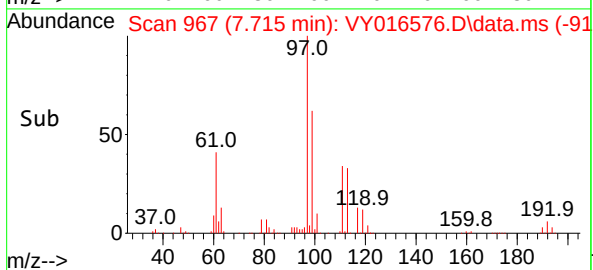
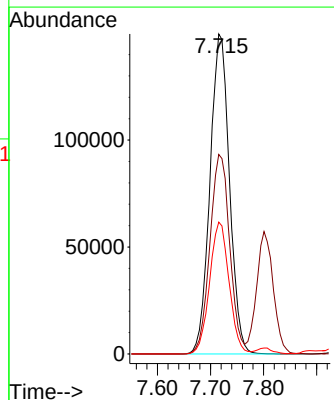
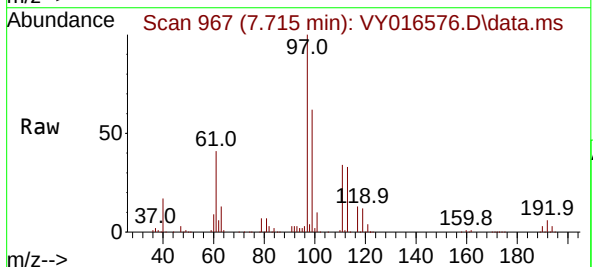
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

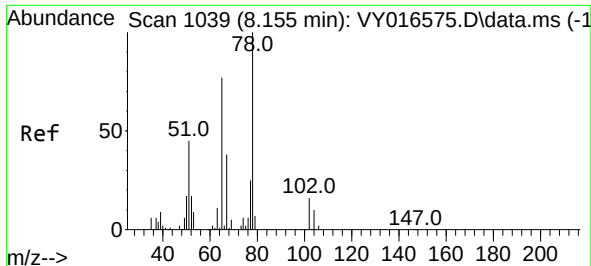
Tgt Ion: 56 Resp: 324879
Ion Ratio Lower Upper
56 100
69 32.4 27.8 41.6
84 90.7 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 92.505 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 97 Resp: 381399
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 41.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 91.364 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

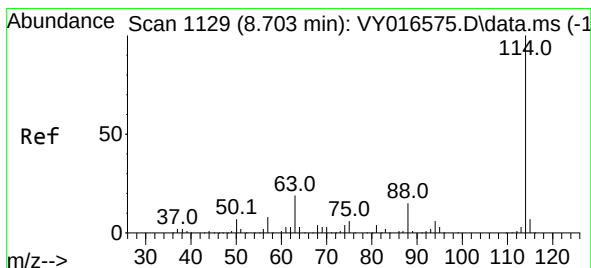
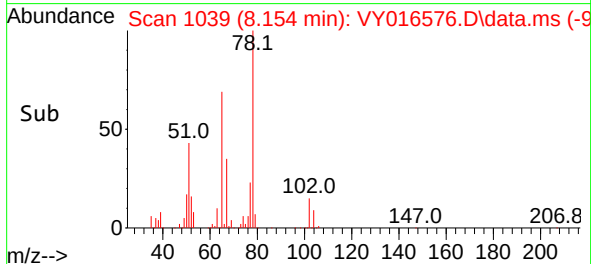
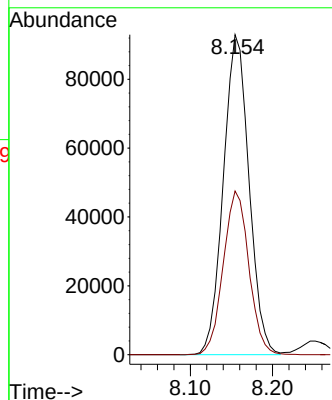
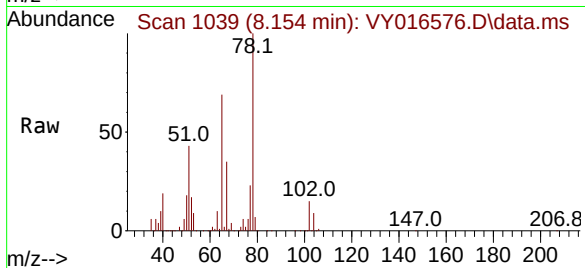
VSTDIC100

Tgt Ion: 65 Resp: 201400

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

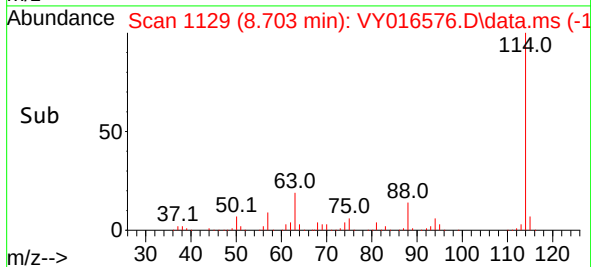
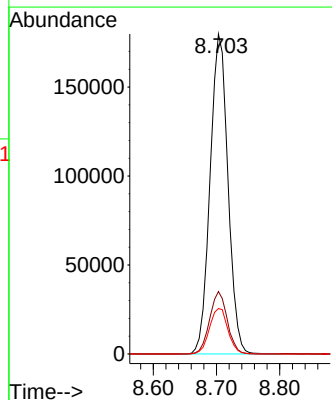
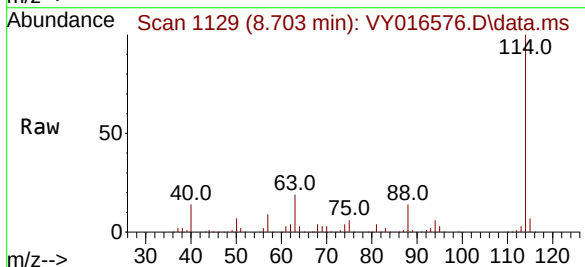
Tgt Ion: 114 Resp: 353052

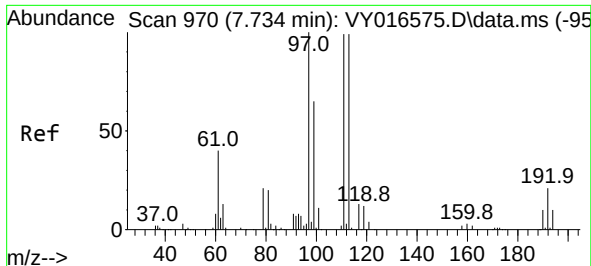
Ion Ratio Lower Upper

114 100

63 19.5 0.0 42.4

88 14.2 0.0 30.6

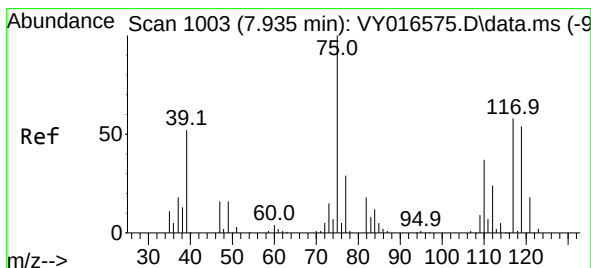
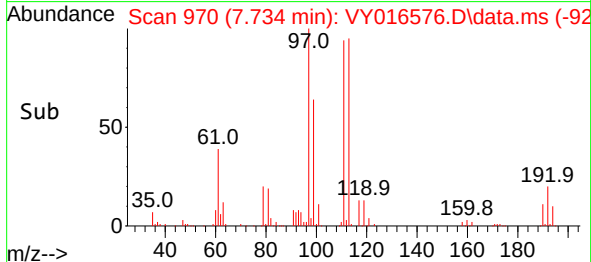
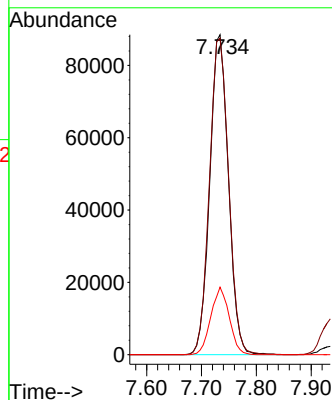
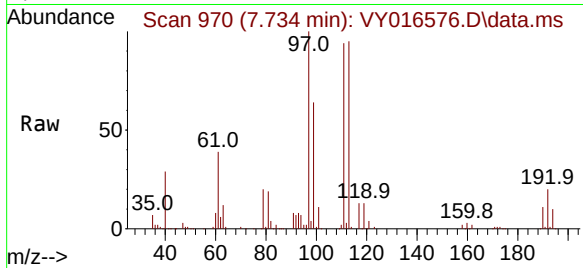




#35
Dibromofluoromethane
Concen: 98.300 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

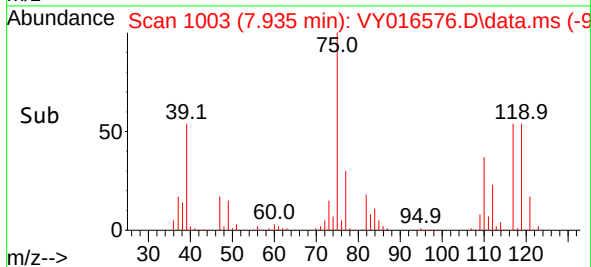
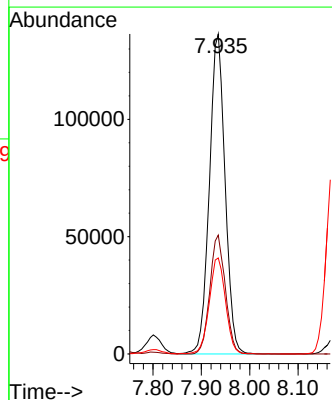
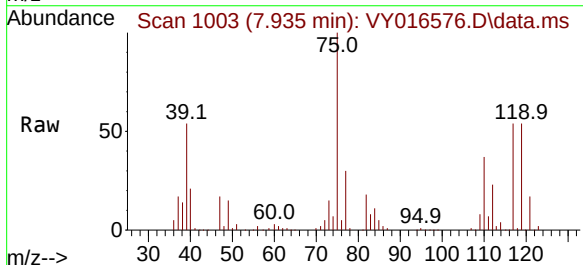
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

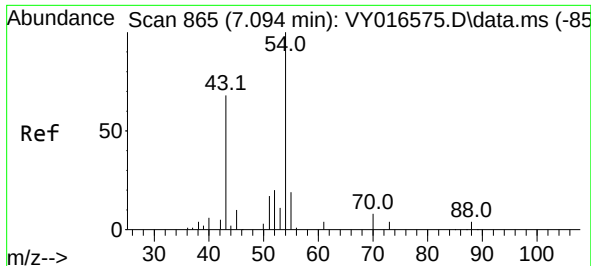
Tgt Ion:113 Resp: 208856
Ion Ratio Lower Upper
113 100
111 101.7 81.3 121.9
192 20.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 95.208 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 75 Resp: 307498
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 80.652 ug/l

RT: 7.087 min Scan# 80

Delta R.T. -0.007 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

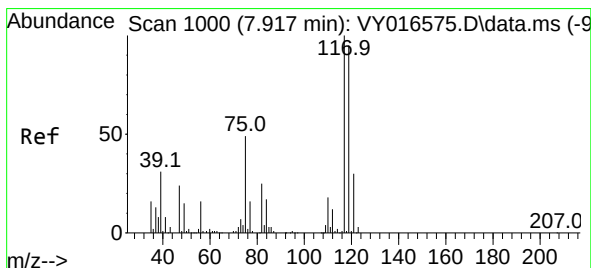
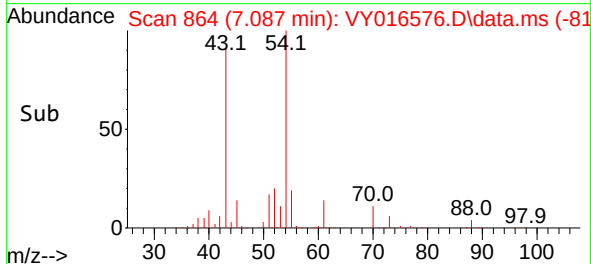
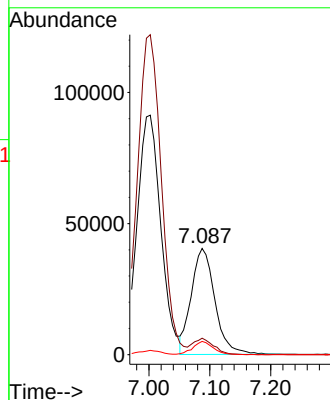
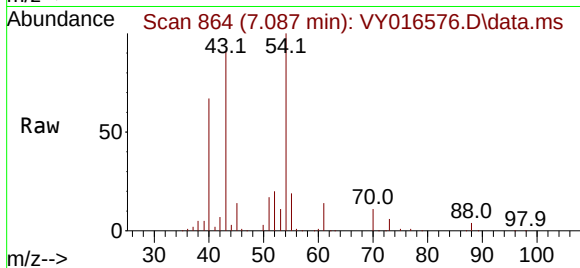
Tgt Ion: 43 Resp: 108998

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 10.8 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 95.108 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

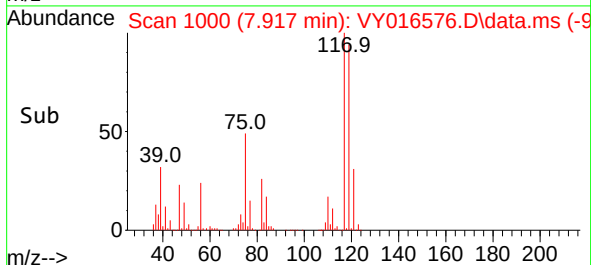
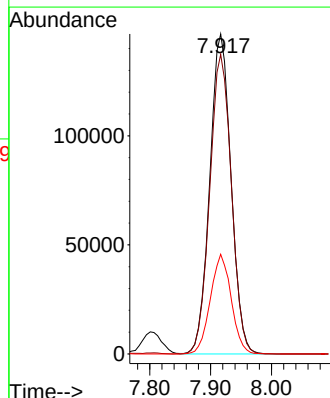
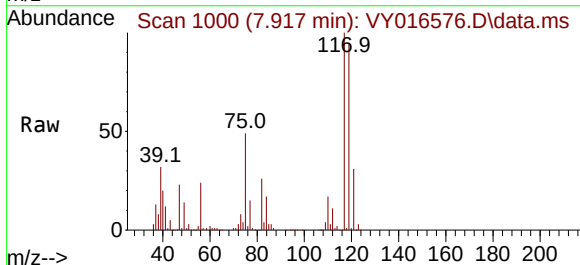
Tgt Ion: 117 Resp: 355607

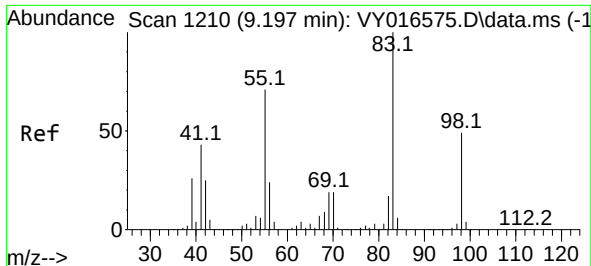
Ion Ratio Lower Upper

117 100

119 93.6 76.4 114.6

121 31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 97.057 ug/l

RT: 9.197 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

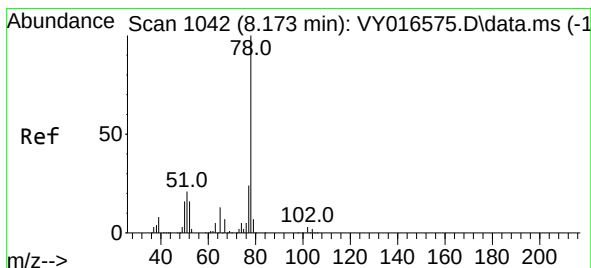
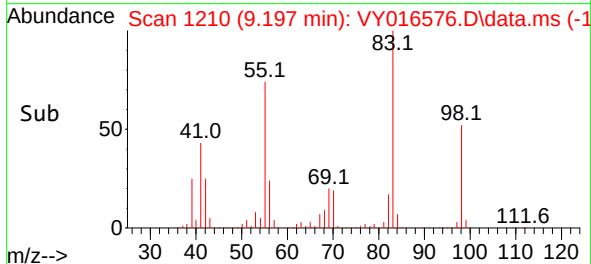
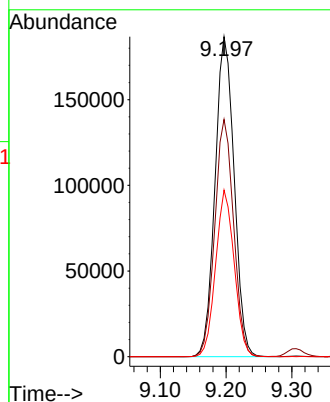
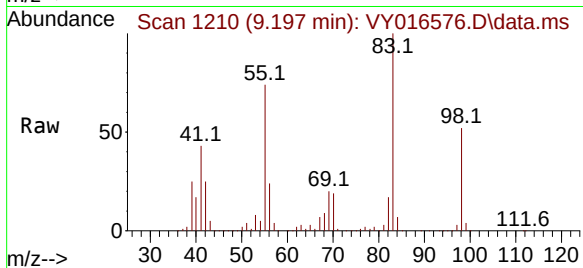
Tgt Ion: 83 Resp: 377674

Ion Ratio Lower Upper

83 100

55 74.2 63.0 94.4

98 52.0 37.4 56.2



#40

Benzene

Concen: 91.329 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016576.D

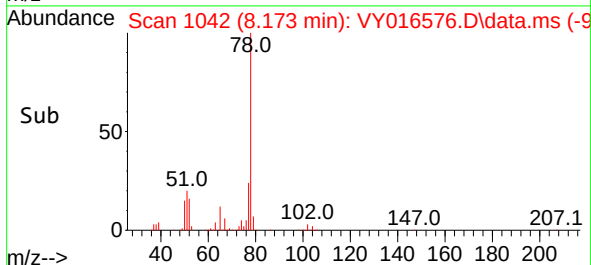
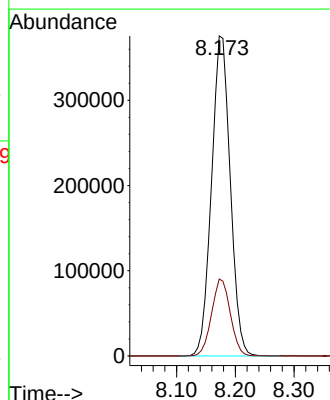
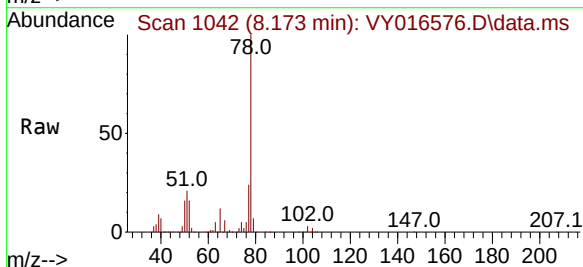
Acq: 04 Dec 2023 13:53

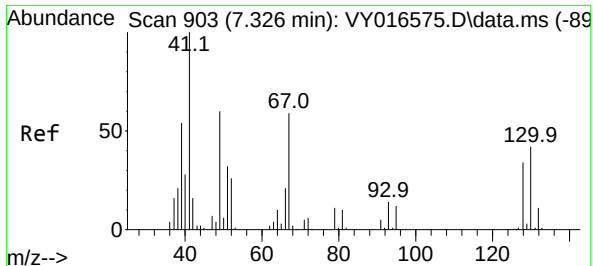
Tgt Ion: 78 Resp: 831411

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6



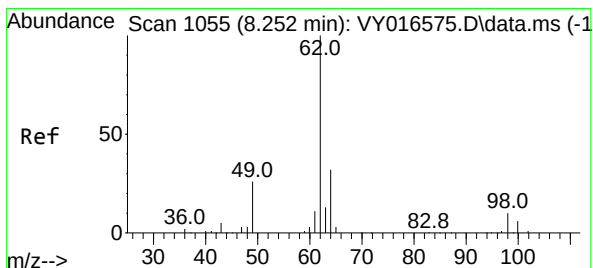
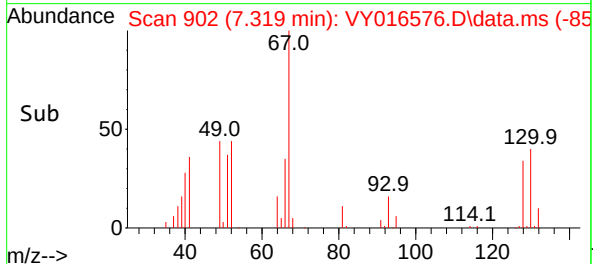
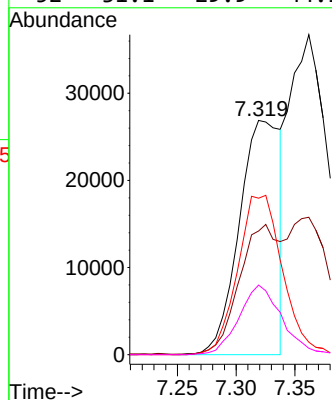
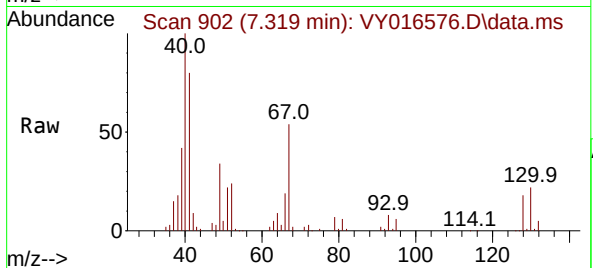


#41
Methacrylonitrile
Concen: 85.944 ug/l
RT: 7.319 min Scan# 903
Delta R.T. -0.007 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 65407

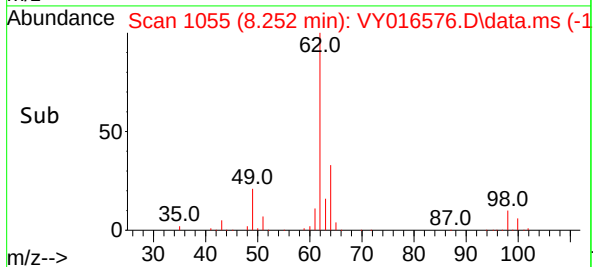
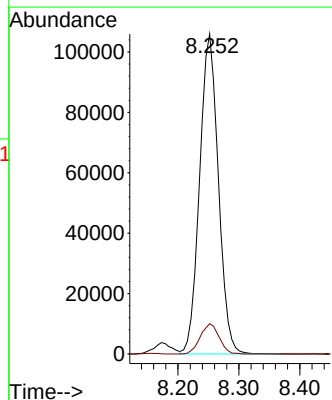
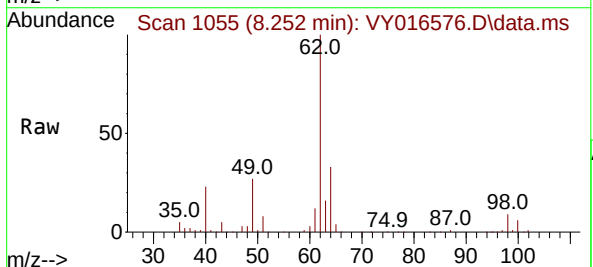
Ion	Ratio	Lower	Upper
41	100		
39	53.6	52.1	78.1
67	74.4	66.2	99.2
52	31.1	29.9	44.9

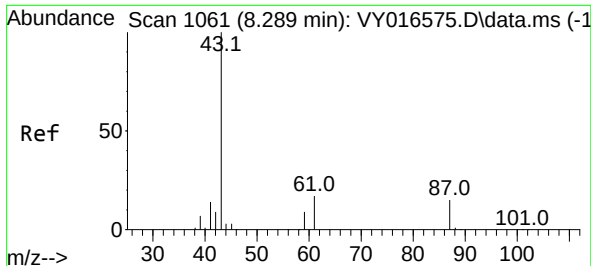


#42
1,2-Dichloroethane
Concen: 85.734 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 62 Resp: 226624

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	15.8

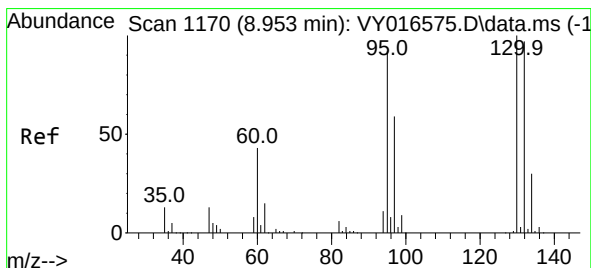
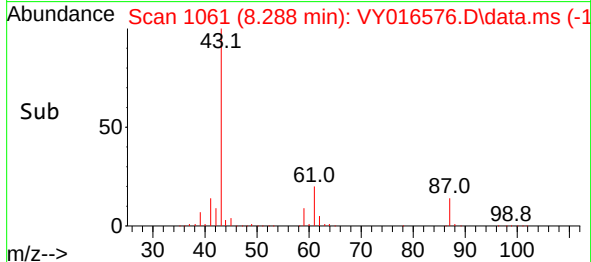
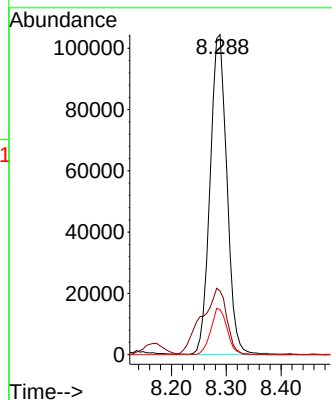
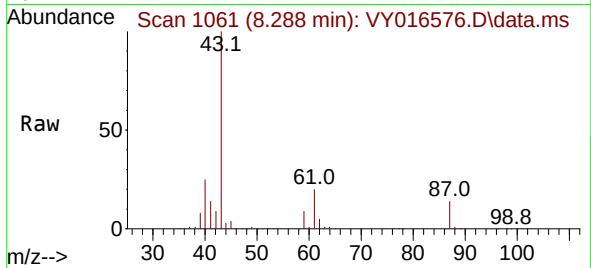




#43
Isopropyl Acetate
Concen: 84.900 ug/l
RT: 8.288 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

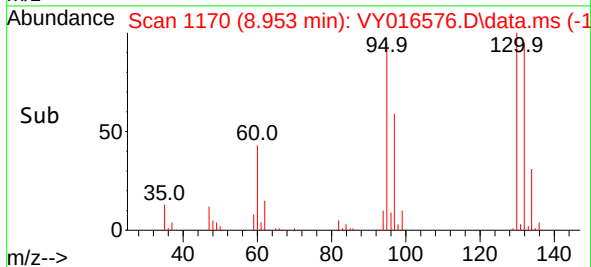
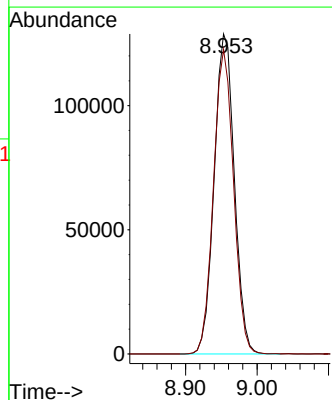
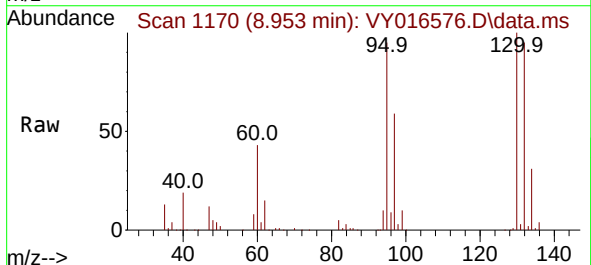
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

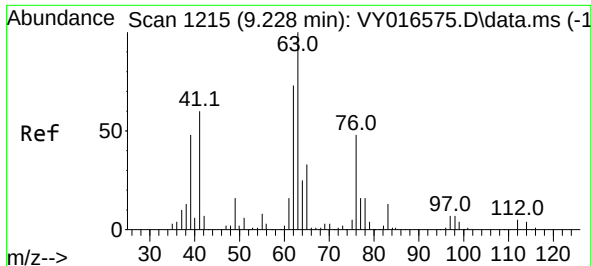
Tgt Ion: 43 Resp: 221342
Ion Ratio Lower Upper
43 100
61 30.8 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 92.175 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:130 Resp: 253053
Ion Ratio Lower Upper
130 100
95 95.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 89.336 ug/l

RT: 9.227 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

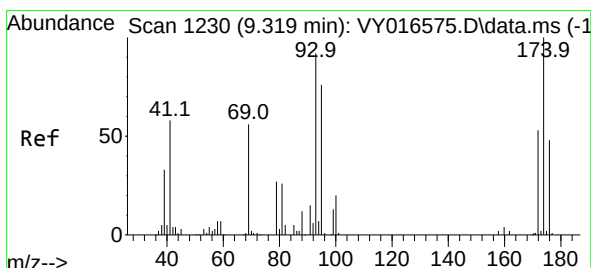
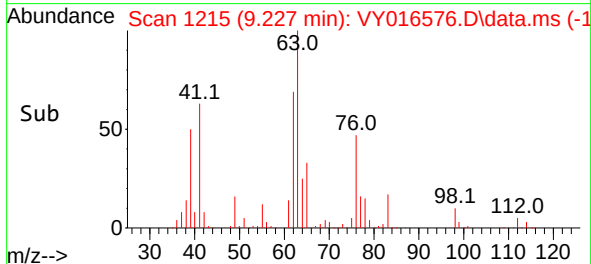
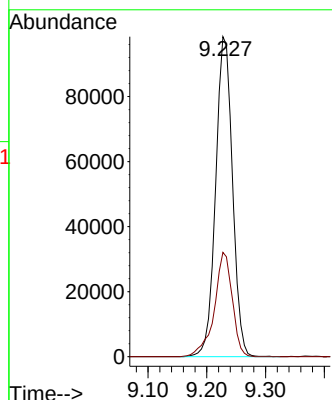
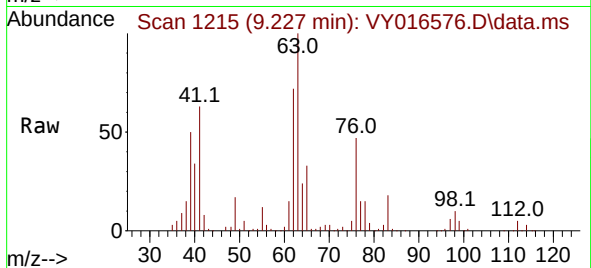
VSTDICC100

Tgt Ion: 63 Resp: 195797

Ion Ratio Lower Upper

63 100

65 32.6 23.8 35.6



#46

Dibromomethane

Concen: 85.760 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

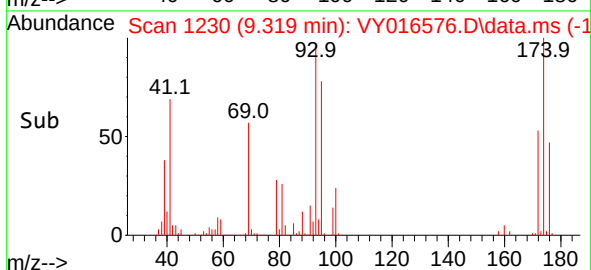
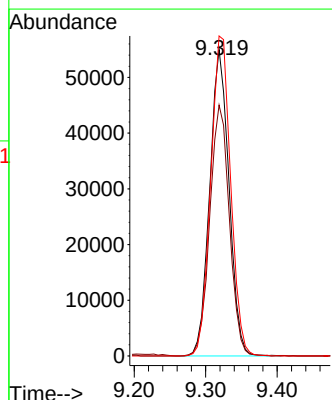
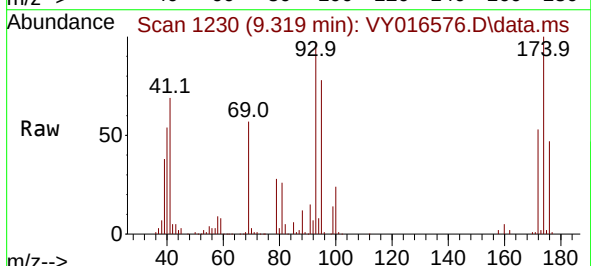
Tgt Ion: 93 Resp: 103041

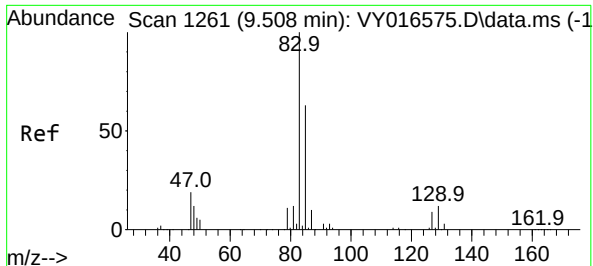
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 108.0 84.8 127.2

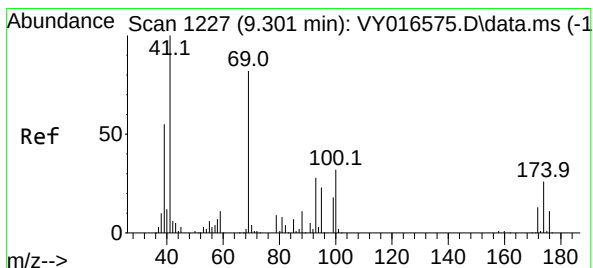
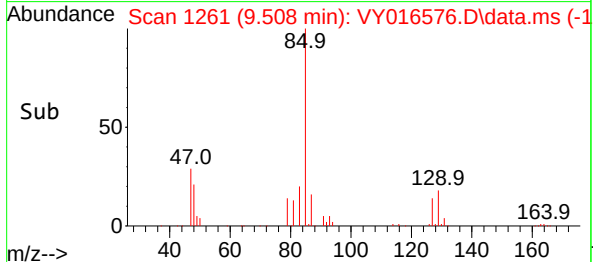
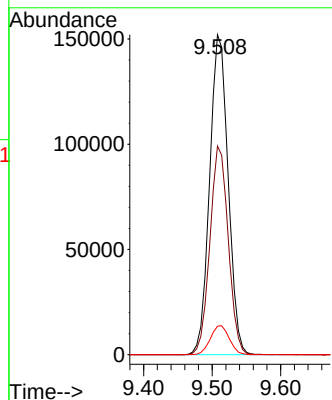
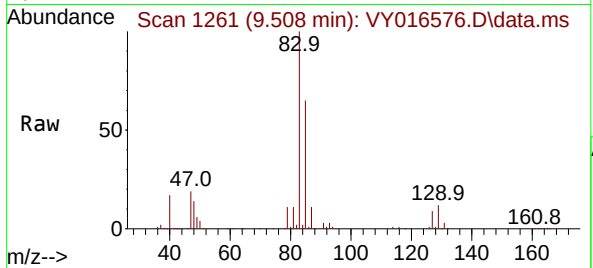




#47
Bromodichloromethane
Concen: 89.137 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

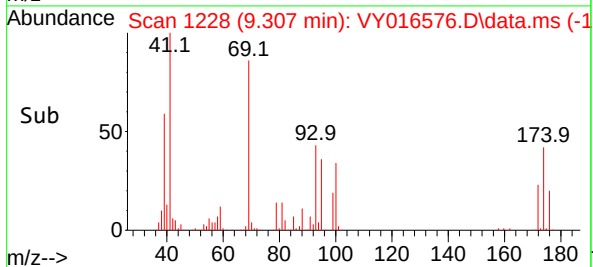
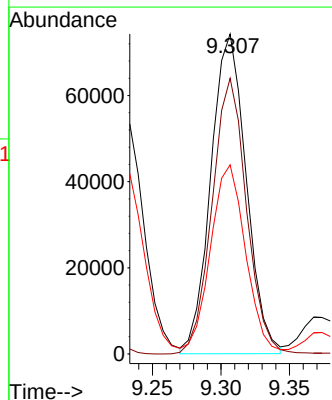
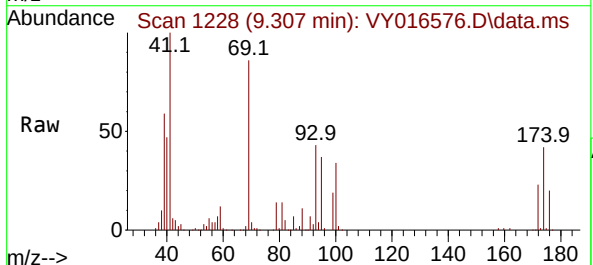
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

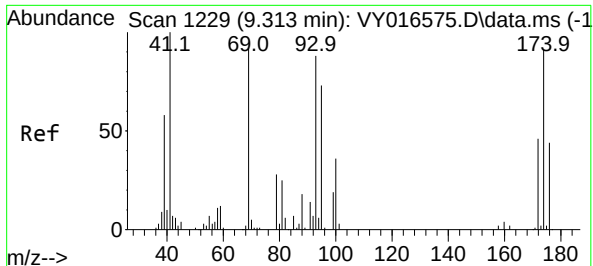
Tgt Ion: 83 Resp: 285125
Ion Ratio Lower Upper
83 100
85 65.2 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 88.341 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 41 Resp: 133010
Ion Ratio Lower Upper
41 100
69 84.5 64.5 96.7
39 56.0 50.8 76.2





#49

1,4-Dioxane

Concen: 1655.824 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC100

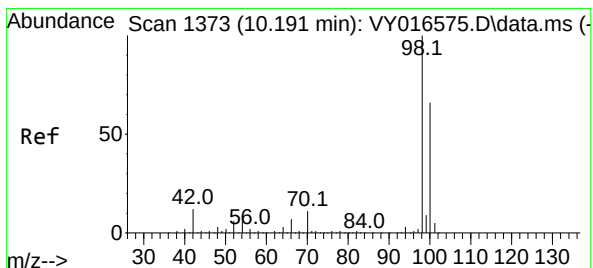
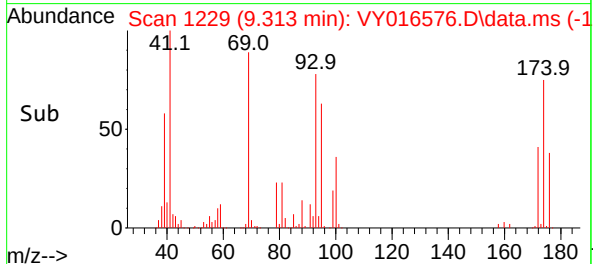
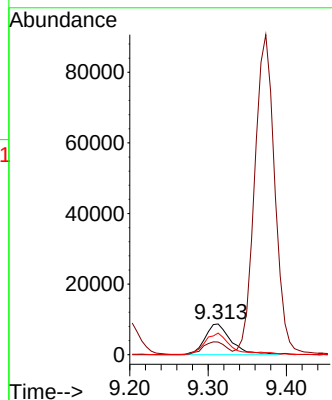
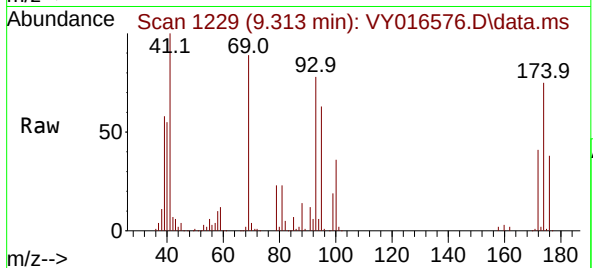
Tgt Ion: 88 Resp: 20137

Ion Ratio Lower Upper

88 100

43 35.6 0.0 0.0#

58 65.4 30.9 46.3#



#50

Toluene-d8

Concen: 101.953 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016576.D

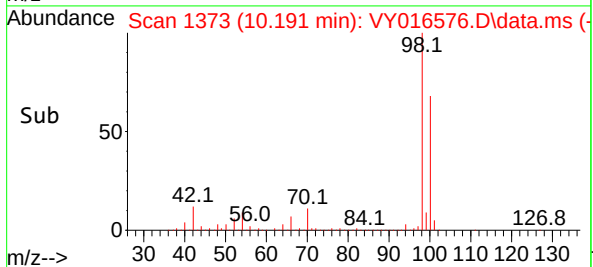
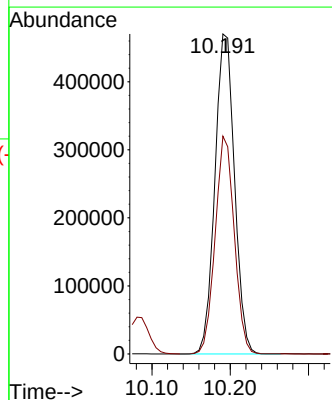
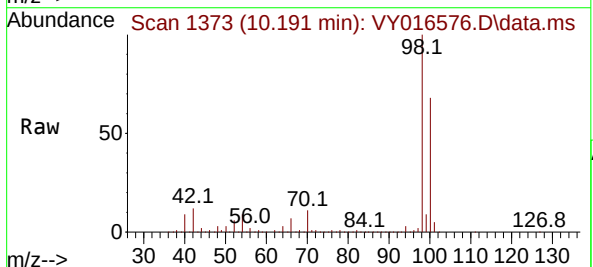
Acq: 04 Dec 2023 13:53

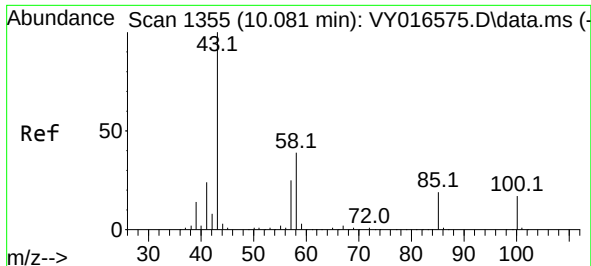
Tgt Ion: 98 Resp: 819362

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1

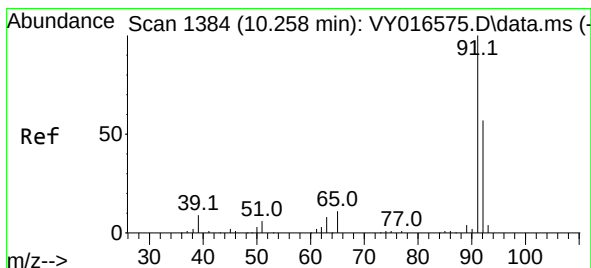
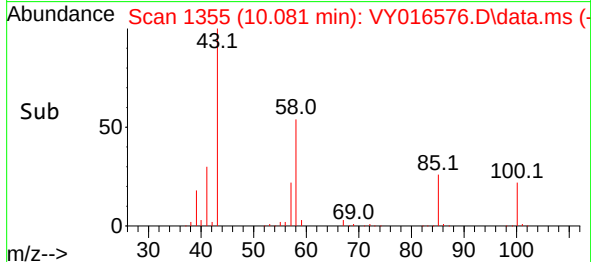
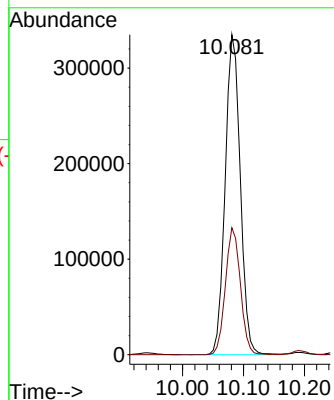
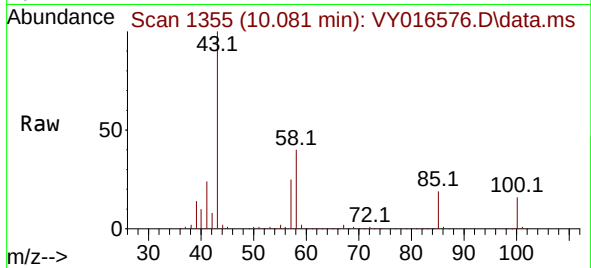




#51
4-Methyl-2-Pentanone
Concen: 425.021 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

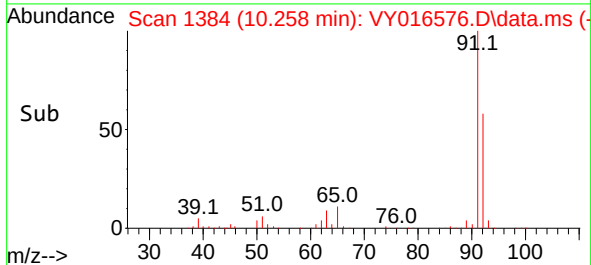
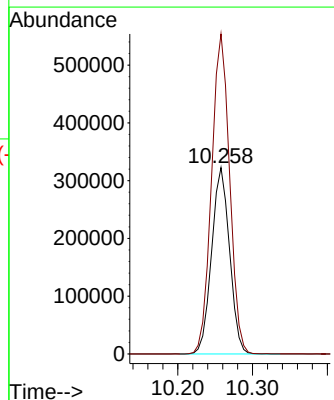
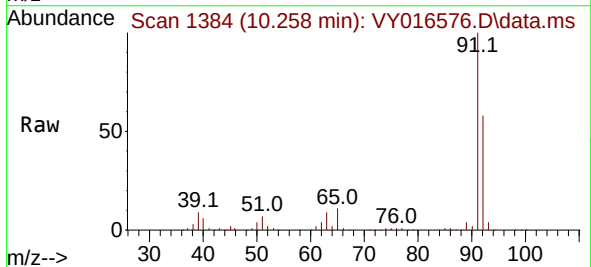
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

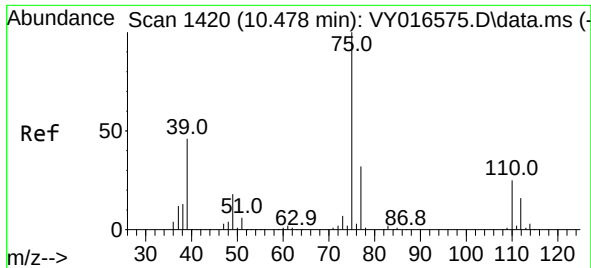
Tgt Ion: 43 Resp: 575850
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 94.087 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 92 Resp: 536819
Ion Ratio Lower Upper
92 100
91 173.6 143.8 215.6

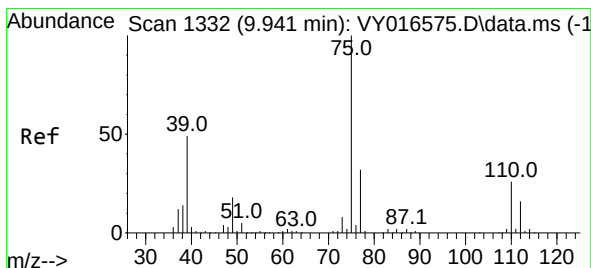
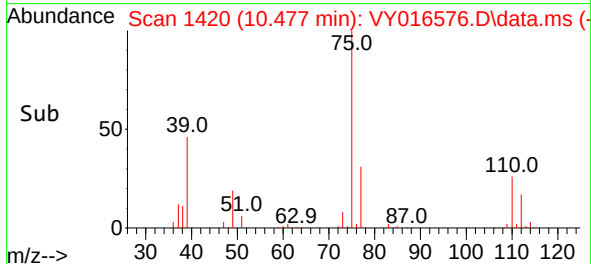
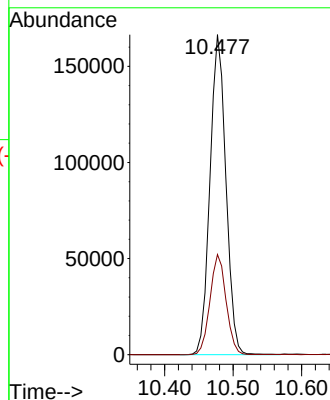
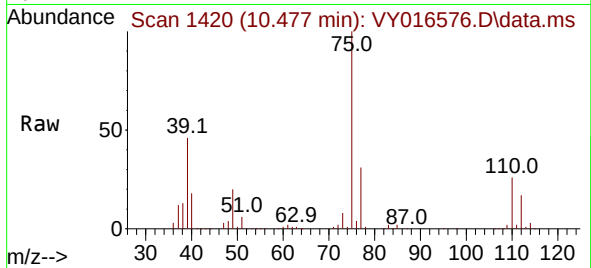




#53
 t-1,3-Dichloropropene
 Concen: 89.003 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

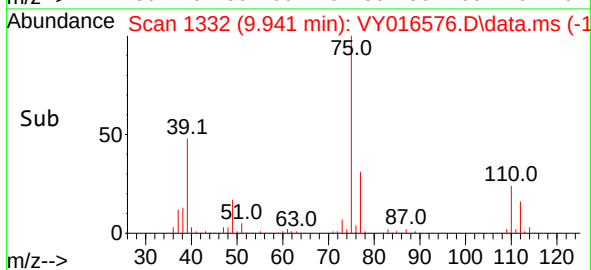
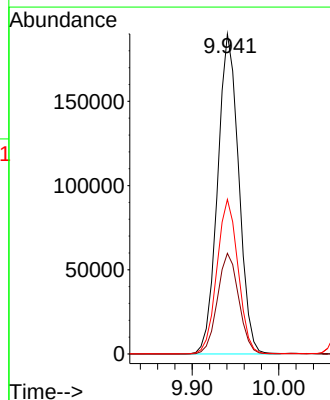
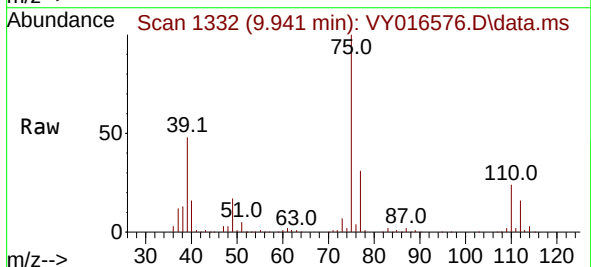
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

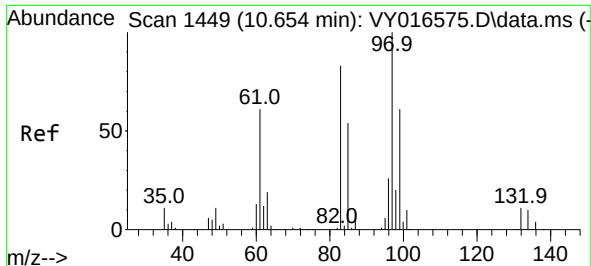
Tgt Ion: 75 Resp: 268682
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 90.830 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

Tgt Ion: 75 Resp: 322028
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.2 36.4
 39 48.2 42.2 63.4

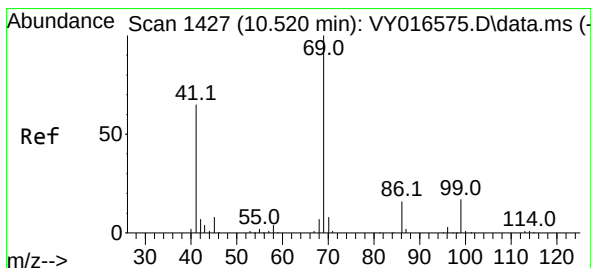
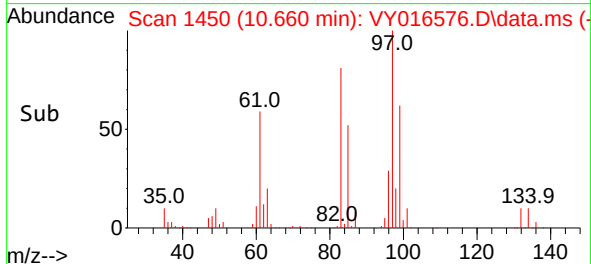
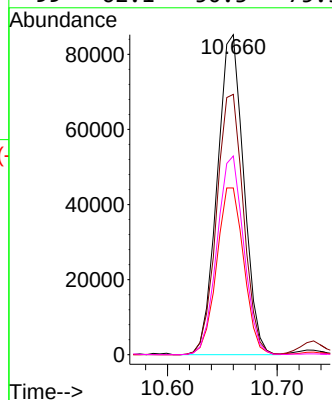
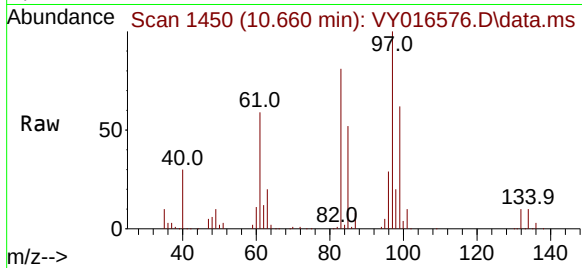




#55
1,1,2-Trichloroethane
Concen: 85.811 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

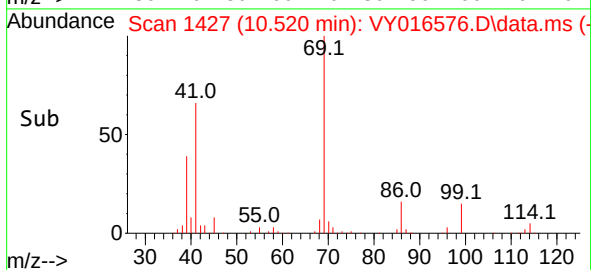
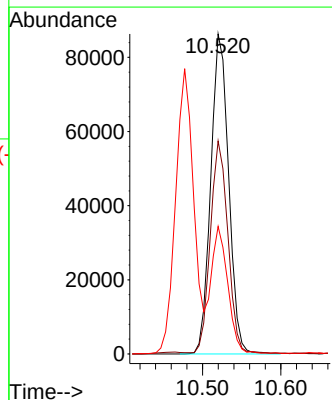
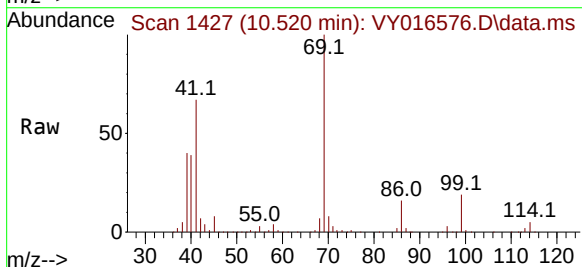
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

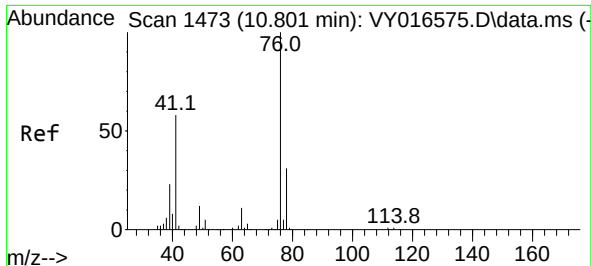
Tgt Ion: 97 Resp: 143620
Ion Ratio Lower Upper
97 100
83 81.4 72.0 108.0
85 52.1 45.4 68.0
99 62.1 50.3 75.5



#56
Ethyl methacrylate
Concen: 89.115 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 69 Resp: 136716
Ion Ratio Lower Upper
69 100
41 65.5 57.6 86.4
39 37.1 34.1 51.1





#57

1,3-Dichloropropane

Concen: 86.681 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

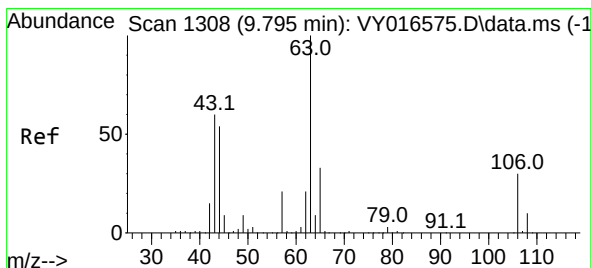
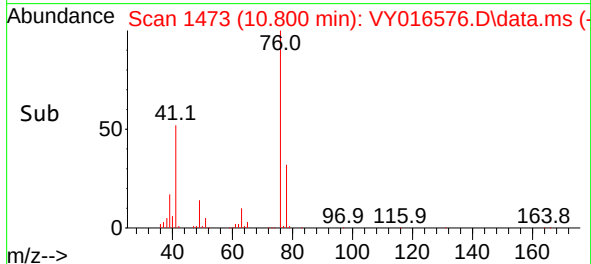
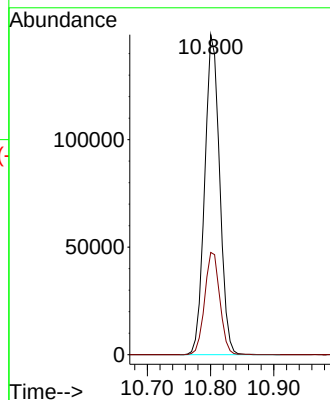
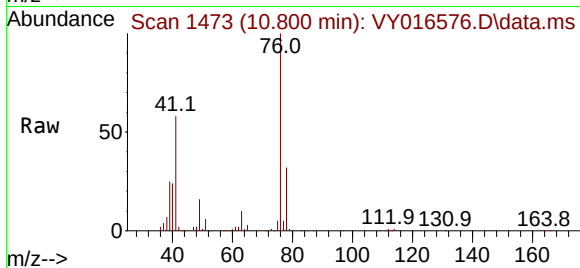
VSTDIC100

Tgt Ion: 76 Resp: 245078

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 494.663 ug/l

RT: 9.794 min Scan# 1308

Delta R.T. -0.000 min

Lab File: VY016576.D

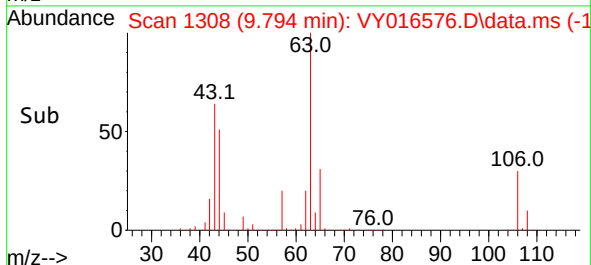
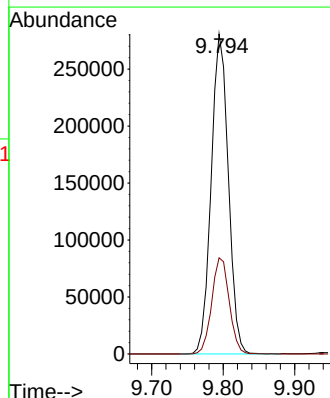
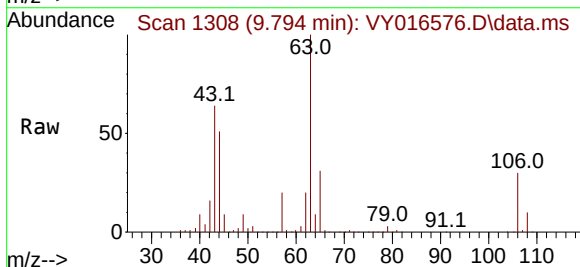
Acq: 04 Dec 2023 13:53

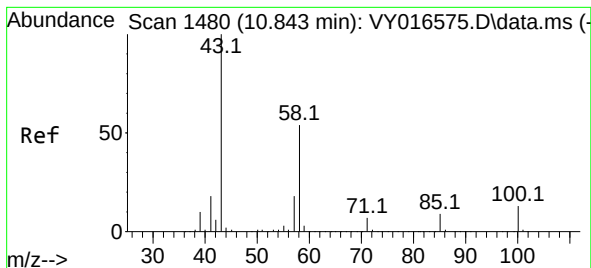
Tgt Ion: 63 Resp: 467670

Ion Ratio Lower Upper

63 100

106 30.6 21.2 31.8

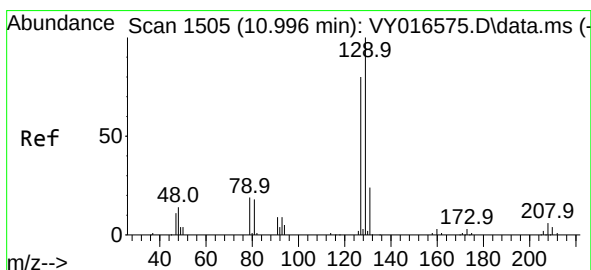
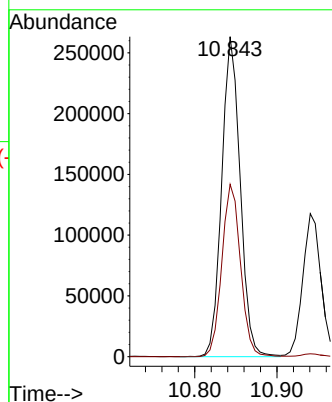
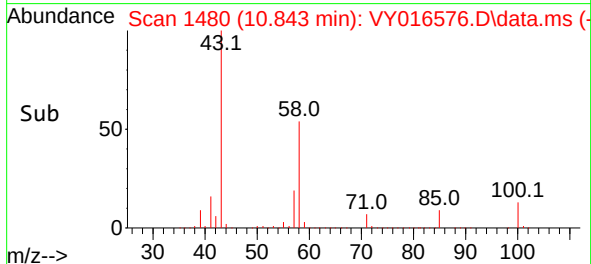
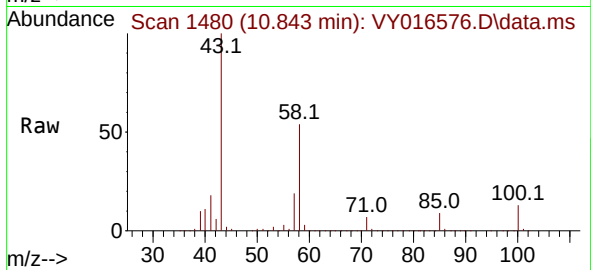




#59
2-Hexanone
Concen: 402.024 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

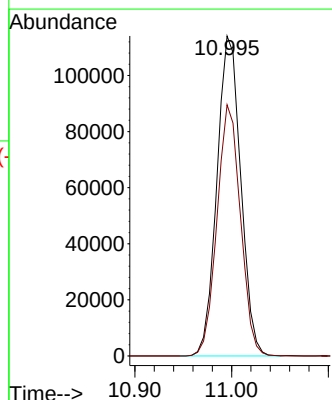
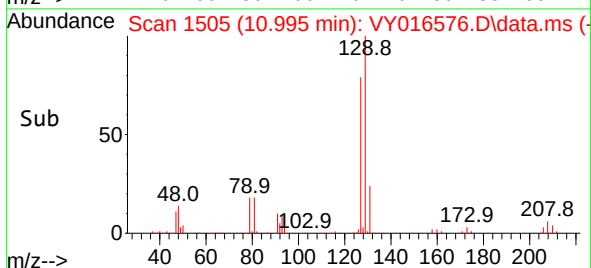
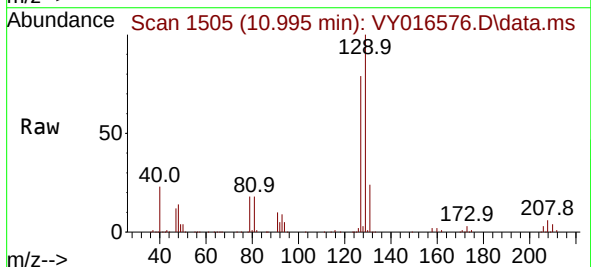
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

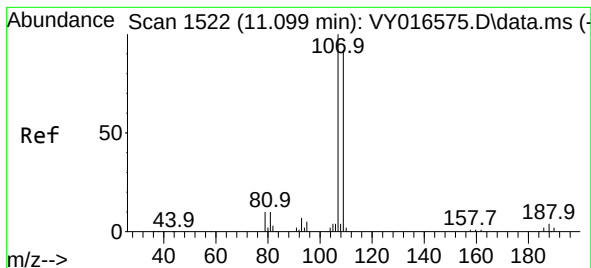
Tgt Ion: 43 Resp: 412051
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3



#60
Dibromochloromethane
Concen: 87.238 ug/l
RT: 10.995 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 129 Resp: 195086
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5

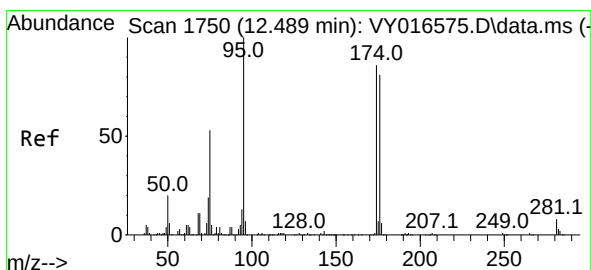
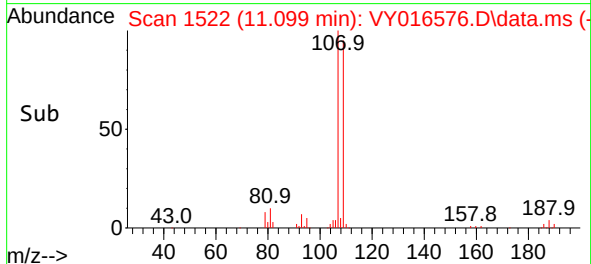
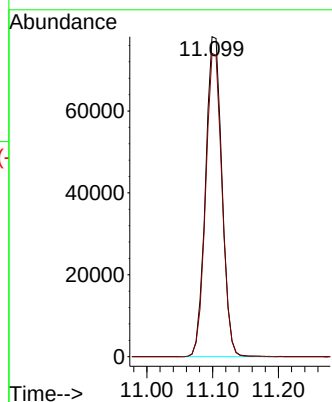
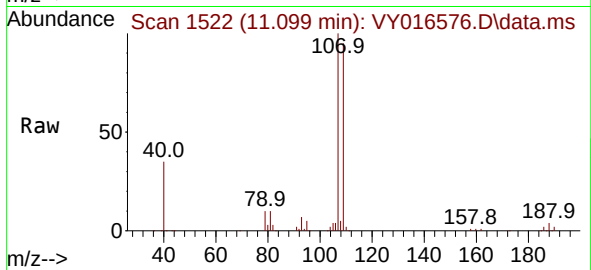




#61
1,2-Dibromoethane
Concen: 86.286 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

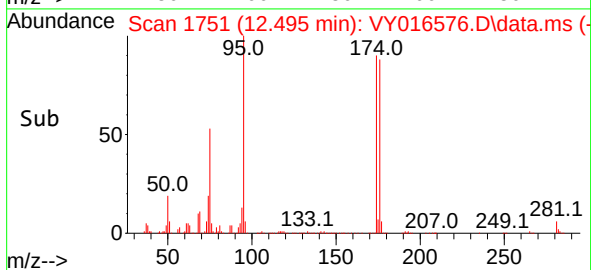
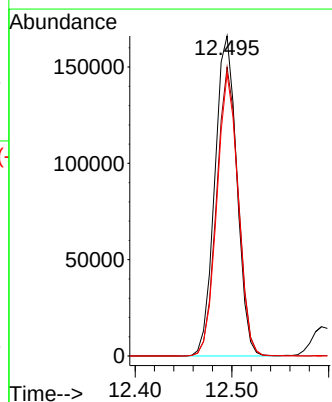
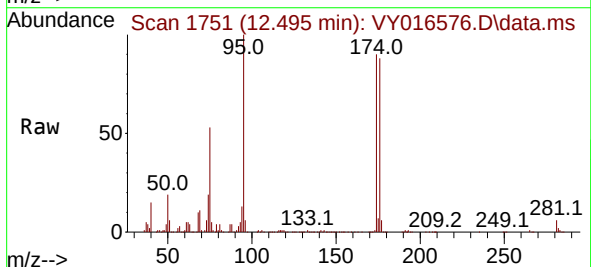
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

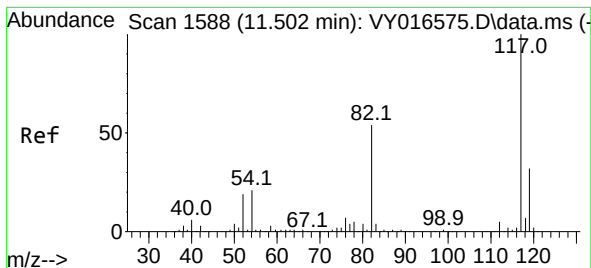
Tgt Ion:107 Resp: 135831
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 99.085 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 95 Resp: 261871
Ion Ratio Lower Upper
95 100
174 88.9 0.0 178.2
176 85.6 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.501 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

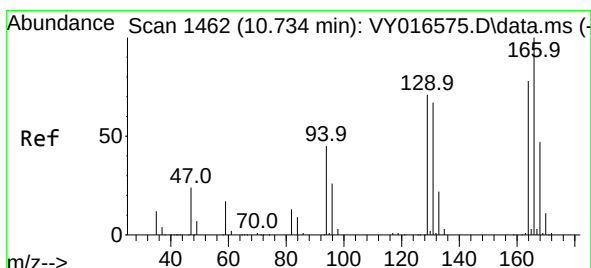
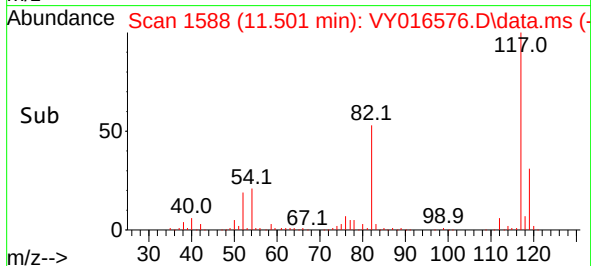
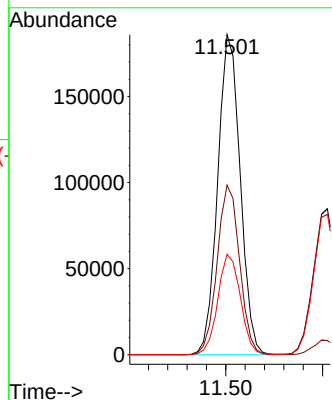
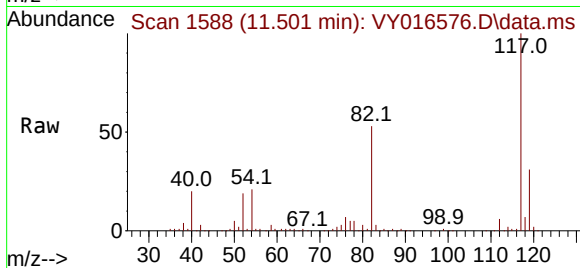
Tgt Ion:117 Resp: 299623

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 95.429 ug/l

RT: 10.733 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Tgt Ion:164 Resp: 262046

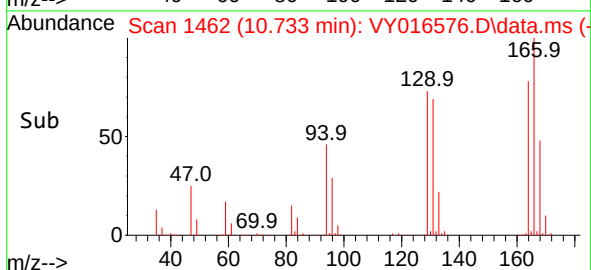
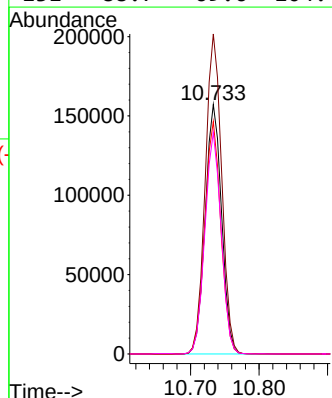
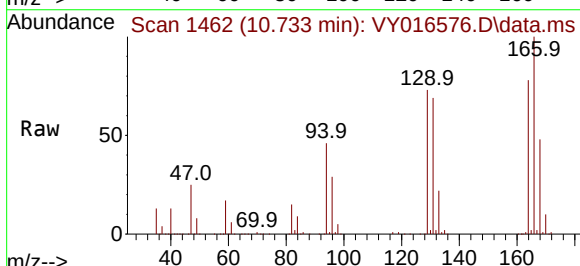
Ion Ratio Lower Upper

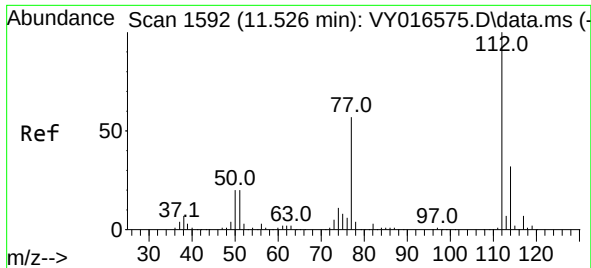
164 100

166 128.2 103.0 154.6

129 93.1 77.2 115.8

131 88.7 69.6 104.4

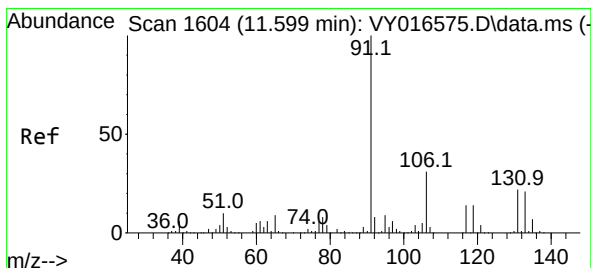
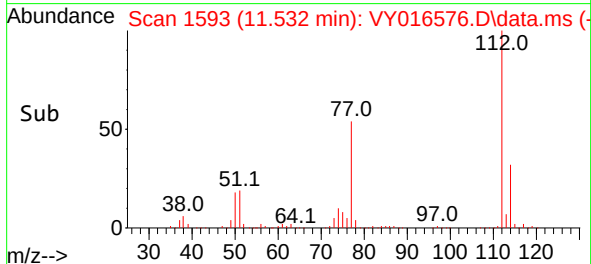
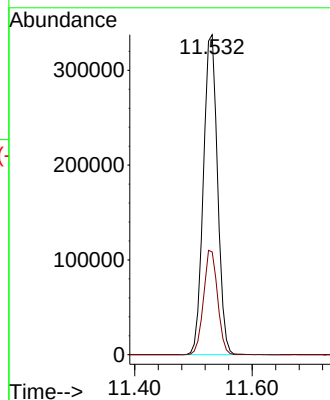
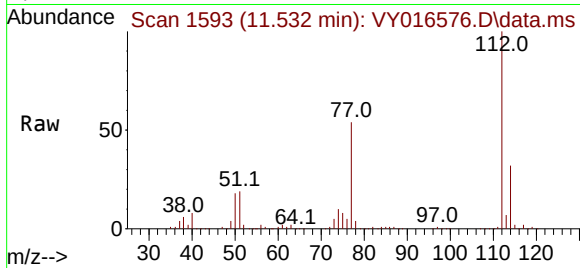




#65
Chlorobenzene
Concen: 92.950 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

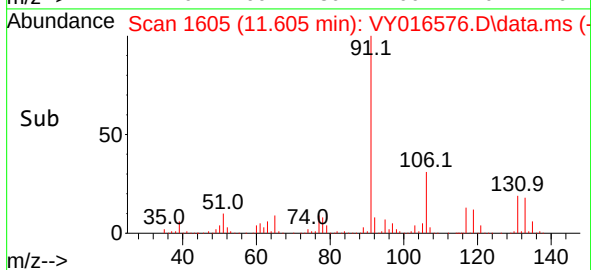
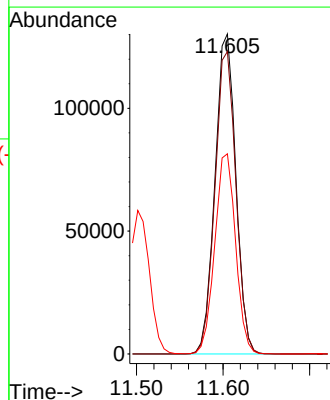
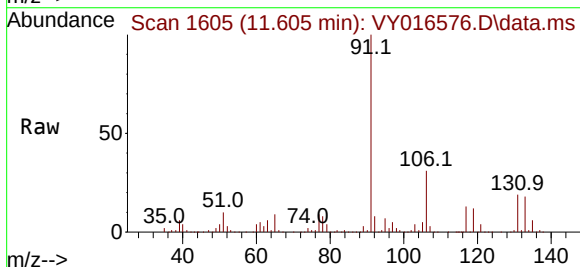
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

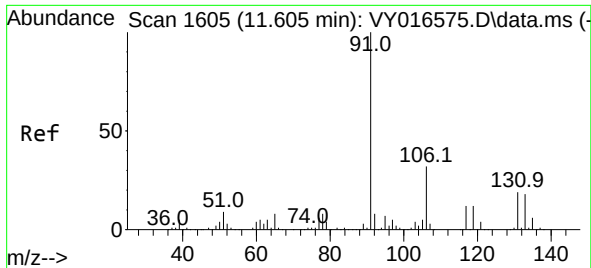
Tgt Ion:112 Resp: 564085
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 91.767 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:131 Resp: 217663
Ion Ratio Lower Upper
131 100
133 95.1 47.5 142.6
119 62.7 31.6 94.7

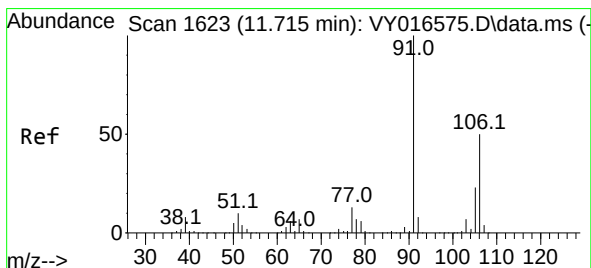
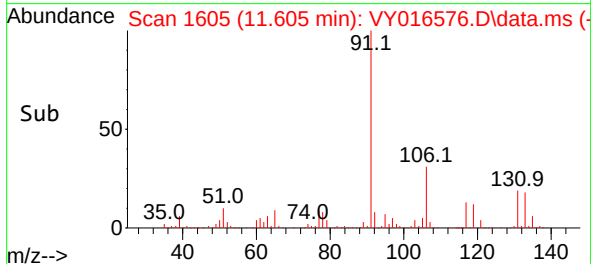
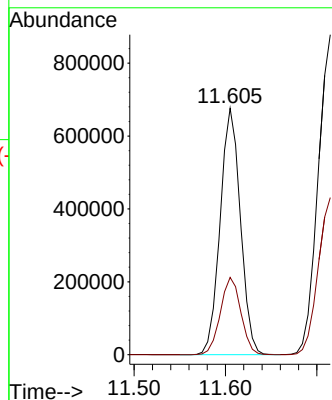
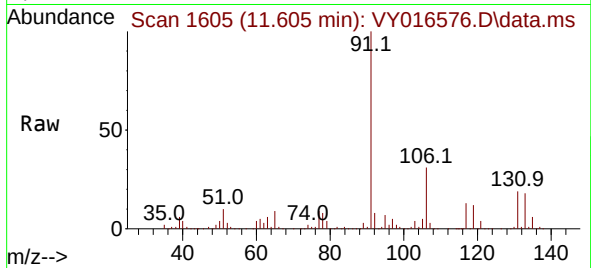




#67
Ethyl Benzene
Concen: 95.709 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

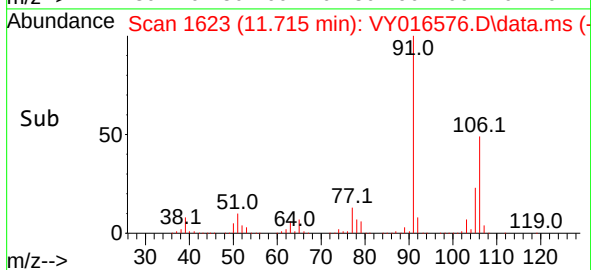
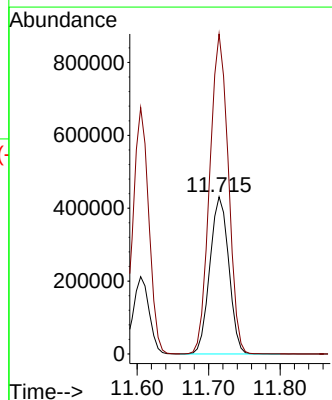
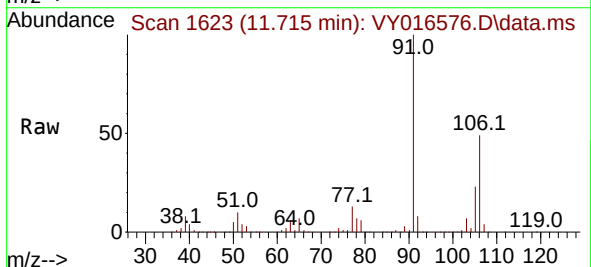
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

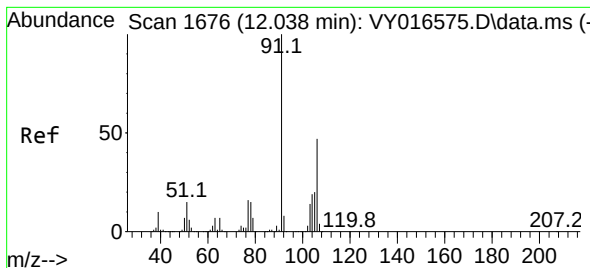
Tgt Ion: 91 Resp: 1041666
Ion Ratio Lower Upper
91 100
106 31.3 24.6 36.8



#68
m/p-Xylenes
Concen: 191.474 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 106 Resp: 791115
Ion Ratio Lower Upper
106 100
91 200.8 166.1 249.1

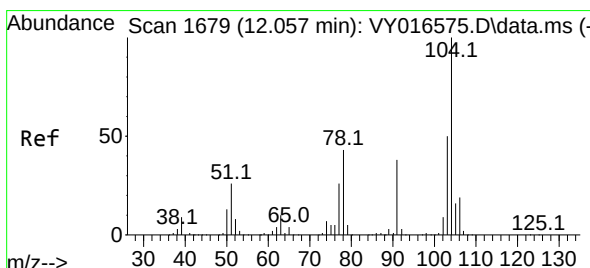
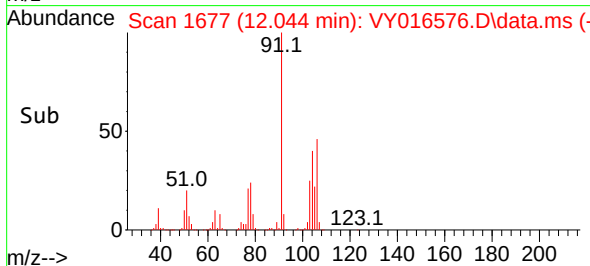
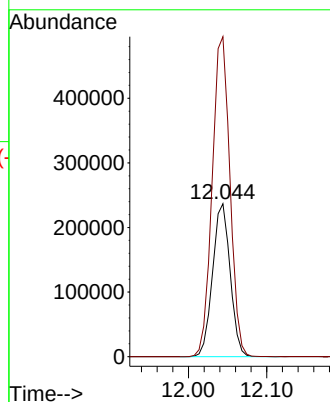
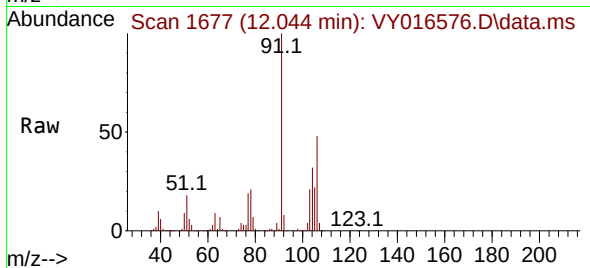




#69
o-Xylene
Concen: 95.520 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

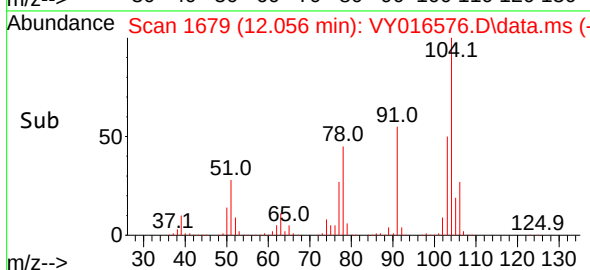
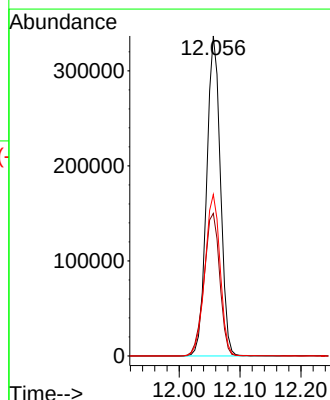
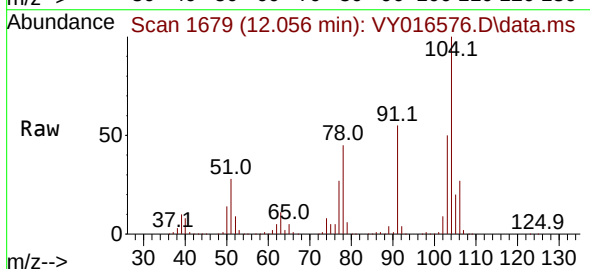
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

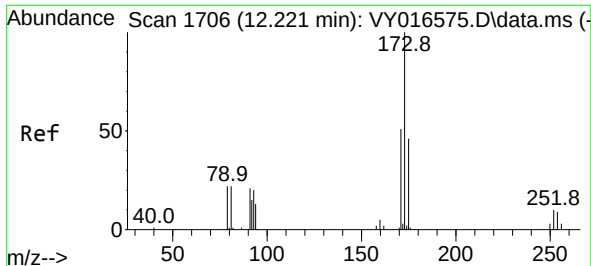
Tgt Ion:106 Resp: 368425
Ion Ratio Lower Upper
106 100
91 211.8 108.1 324.3



#70
Styrene
Concen: 95.725 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:104 Resp: 529744
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 55.5 44.6 67.0

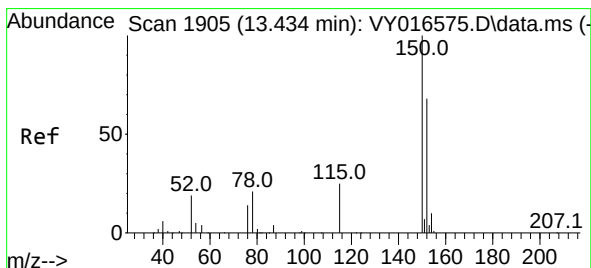
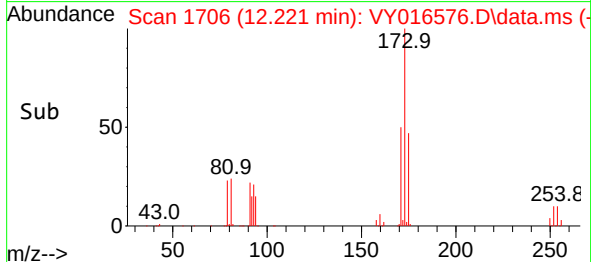
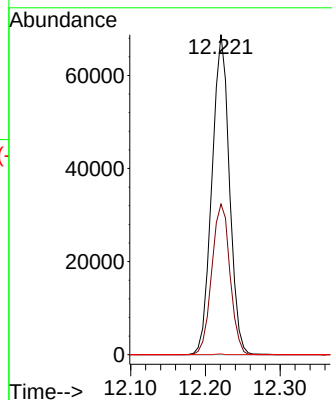
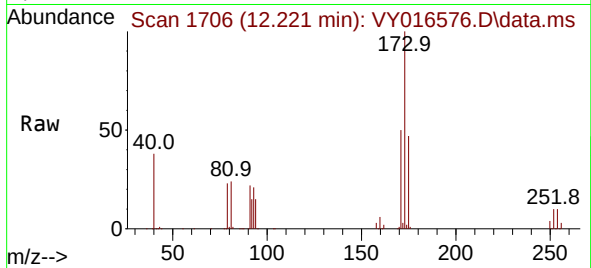




#71
Bromoform
Concen: 87.438 ug/l
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

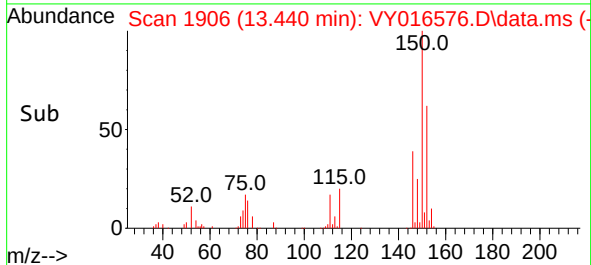
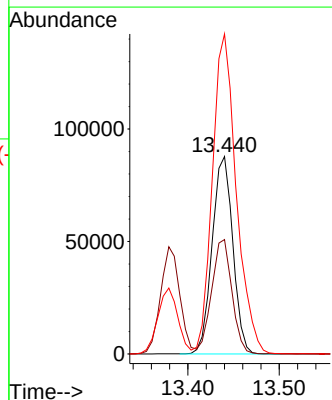
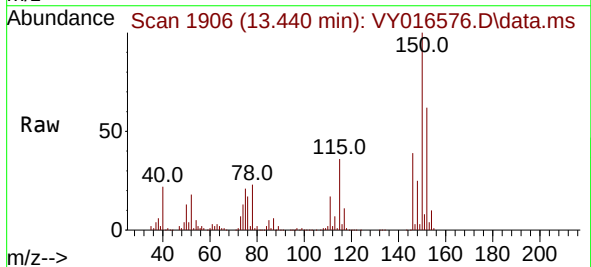
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

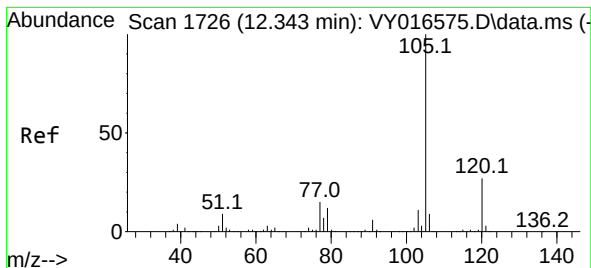
Tgt Ion:173 Resp: 111989
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:152 Resp: 137898
Ion Ratio Lower Upper
152 100
115 56.6 28.8 86.5
150 187.3 0.0 348.8





#73

Isopropylbenzene

Concen: 100.670 ug/l

RT: 12.343 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

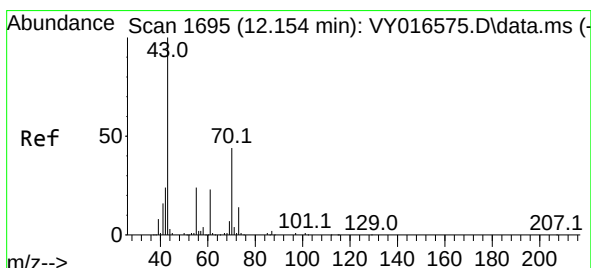
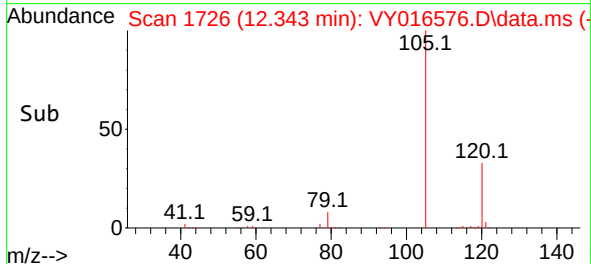
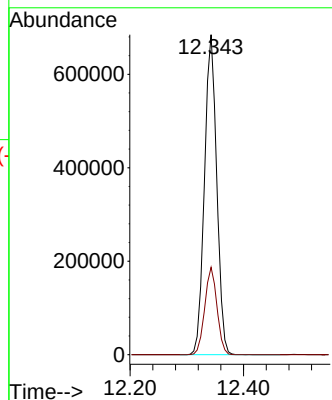
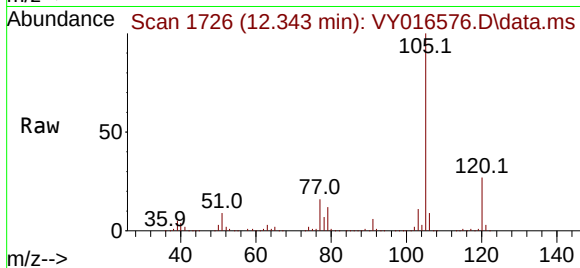
VSTDIC100

Tgt Ion:105 Resp: 1027938

Ion Ratio Lower Upper

105 100

120 27.2 13.3 39.9



#74

N-ethyl acetate

Concen: 91.001 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Tgt Ion: 43 Resp: 185283

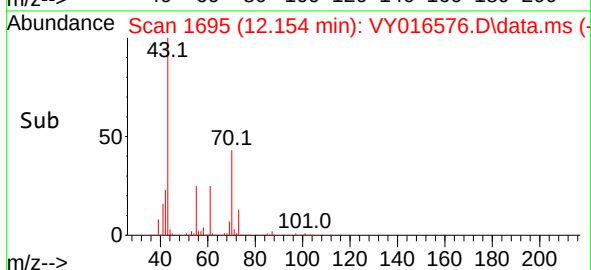
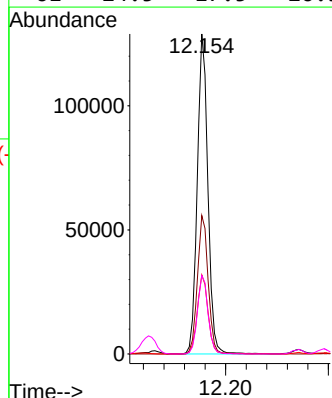
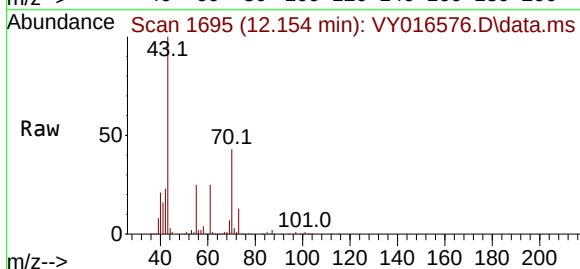
Ion Ratio Lower Upper

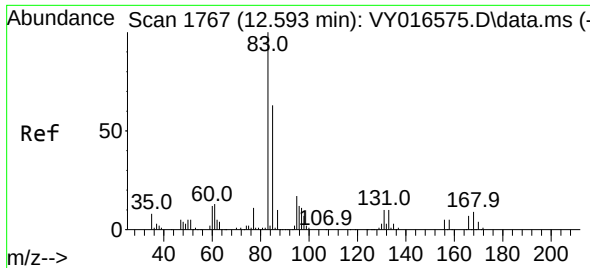
43 100

70 43.9 29.7 44.5

55 25.1 18.3 27.5

61 24.5 17.5 26.3

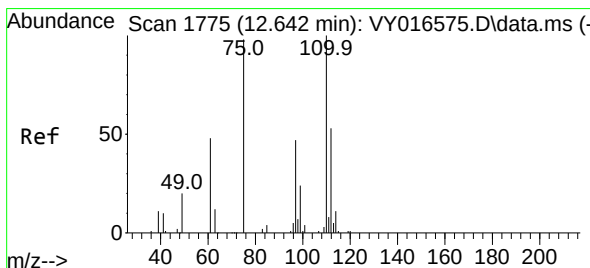
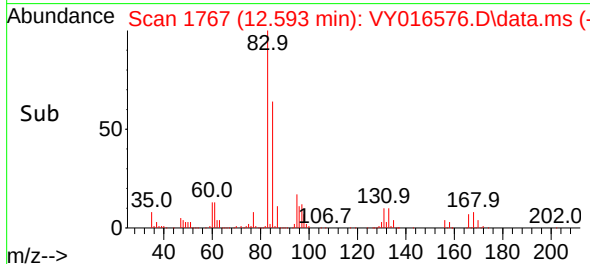
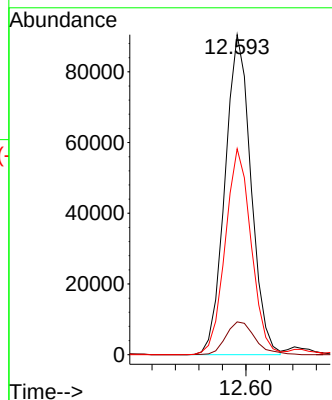
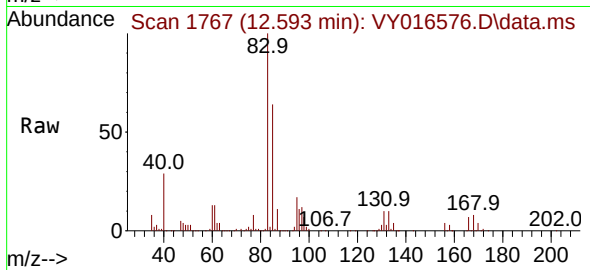




#75
 1,1,2,2-Tetrachloroethane
 Concen: 85.738 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

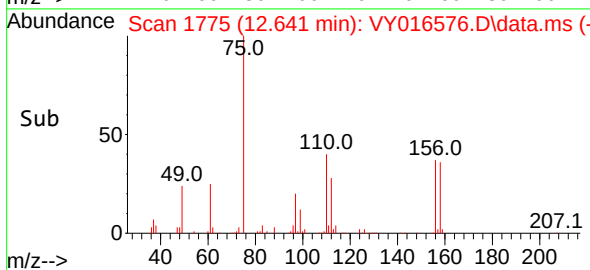
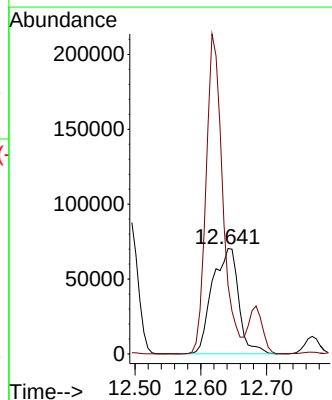
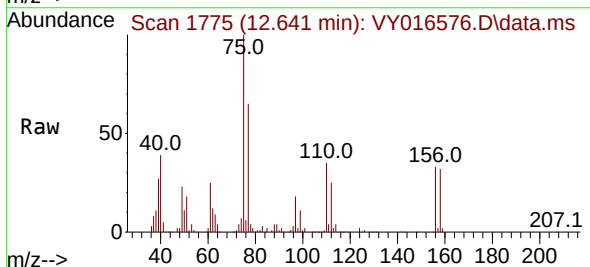
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC100

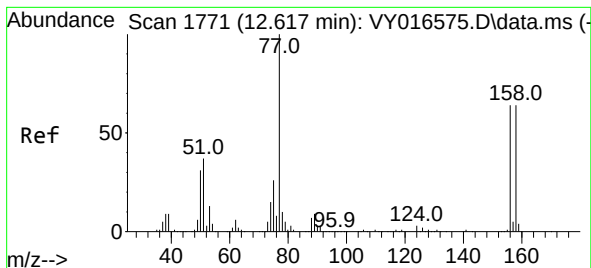
Tgt Ion: 83 Resp: 139246
 Ion Ratio Lower Upper
 83 100
 131 11.5 5.4 16.2
 85 64.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 153.440 ug/l
 RT: 12.641 min Scan# 1775
 Delta R.T. -0.000 min
 Lab File: VY016576.D
 Acq: 04 Dec 2023 13:53

Tgt Ion: 75 Resp: 195905
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 95.023 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

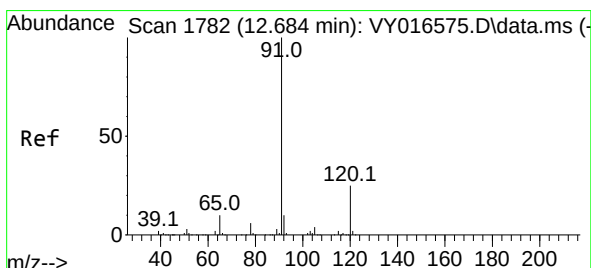
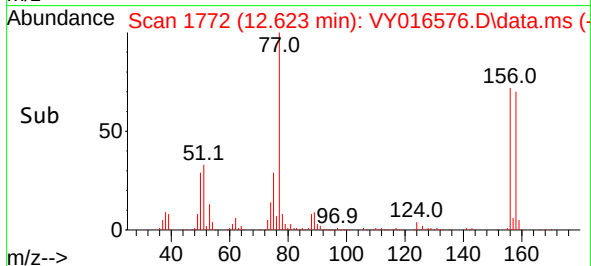
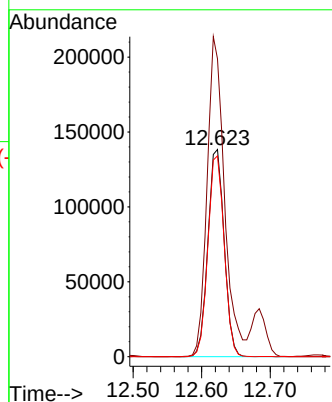
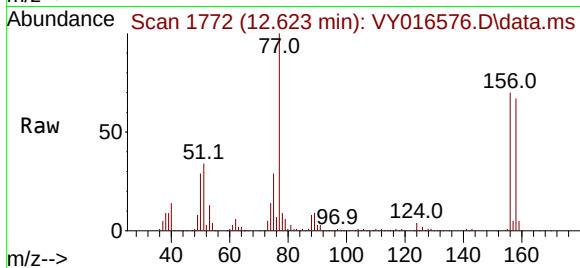
Tgt Ion:156 Resp: 228674

Ion Ratio Lower Upper

156 100

77 165.8 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 99.660 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016576.D

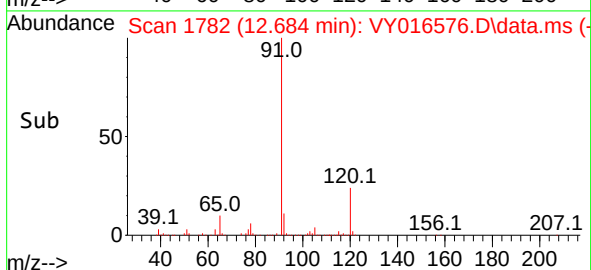
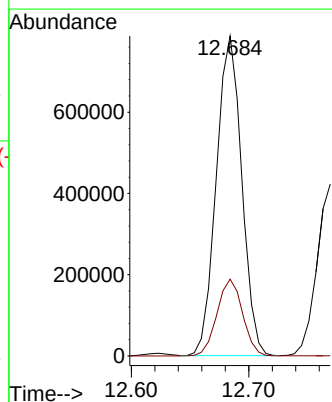
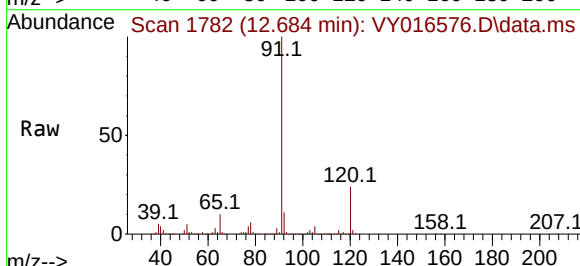
Acq: 04 Dec 2023 13:53

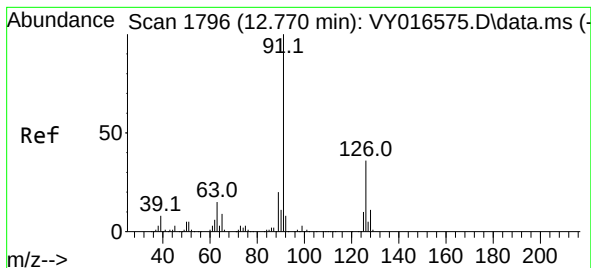
Tgt Ion: 91 Resp: 1184445

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 96.679 ug/l

RT: 12.769 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

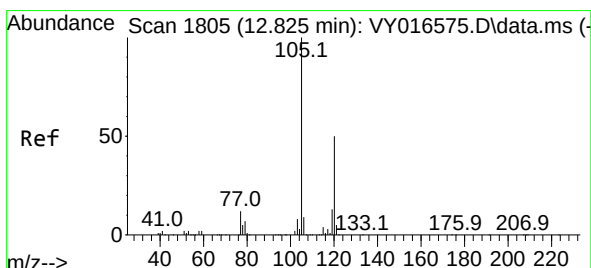
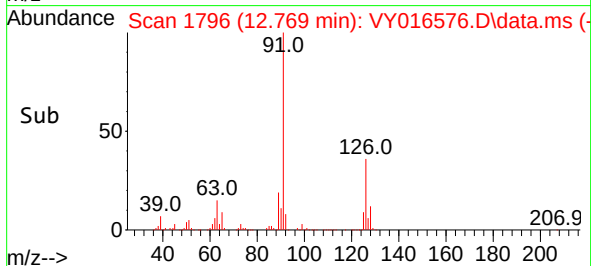
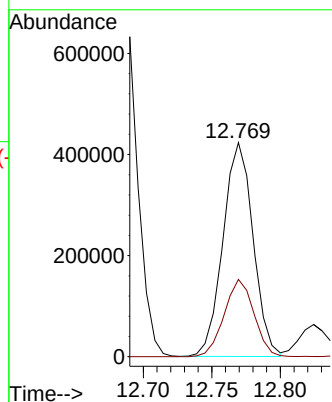
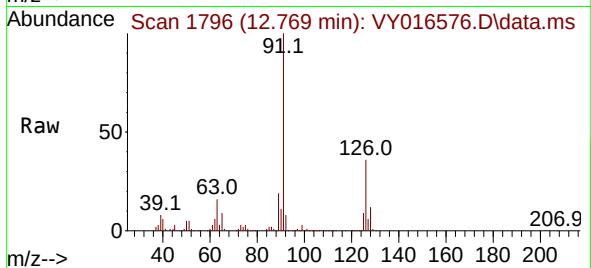
VSTDIC100

Tgt Ion: 91 Resp: 647479

Ion Ratio Lower Upper

91 100

126 35.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 99.080 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016576.D

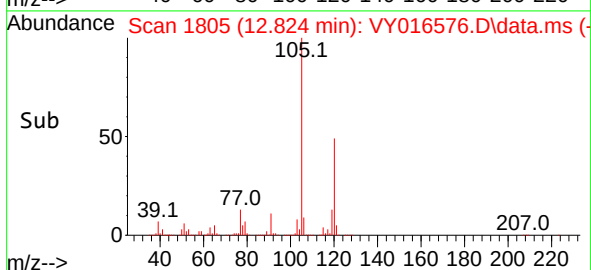
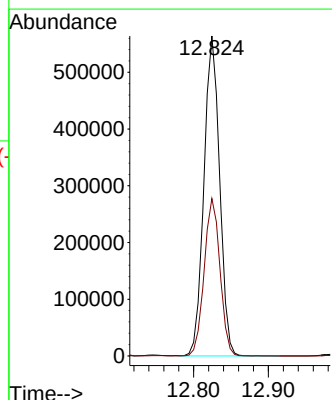
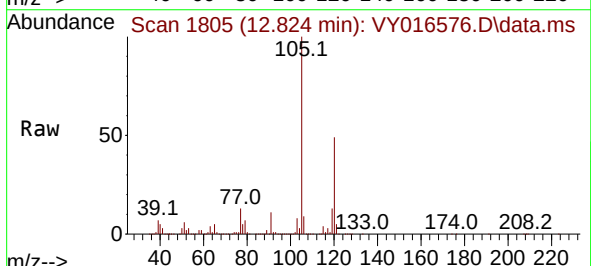
Acq: 04 Dec 2023 13:53

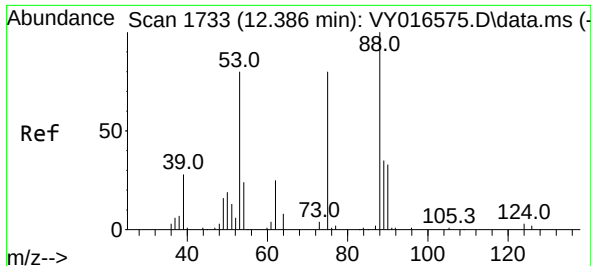
Tgt Ion:105 Resp: 822063

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

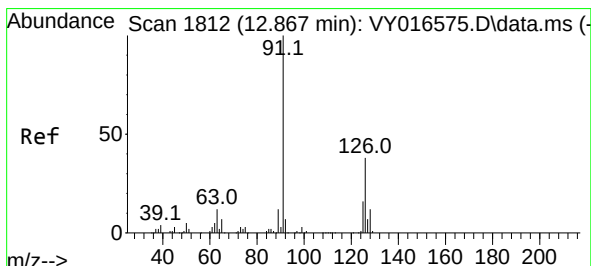
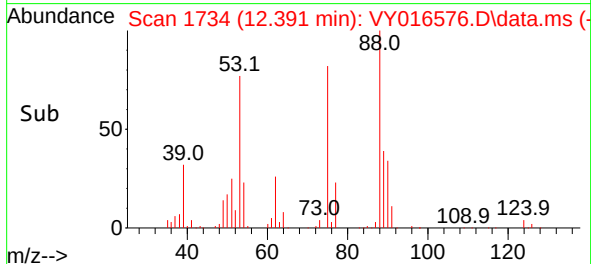
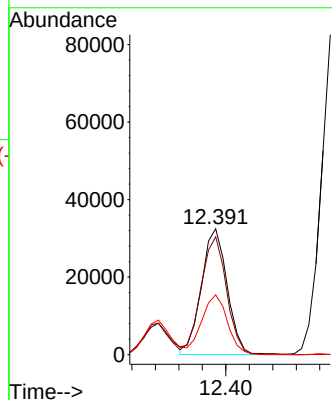
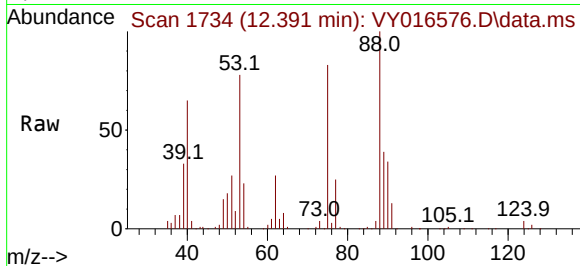




#81
trans-1,4-Dichloro-2-butene
Concen: 89.227 ug/l
RT: 12.391 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

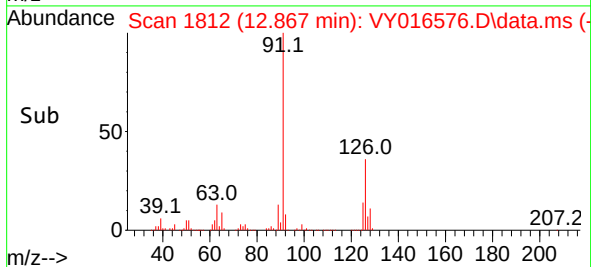
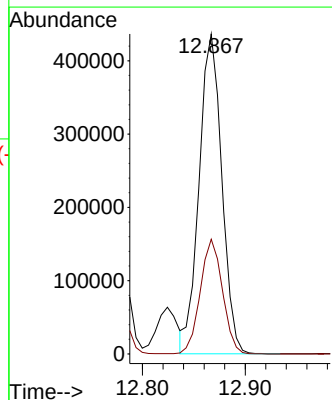
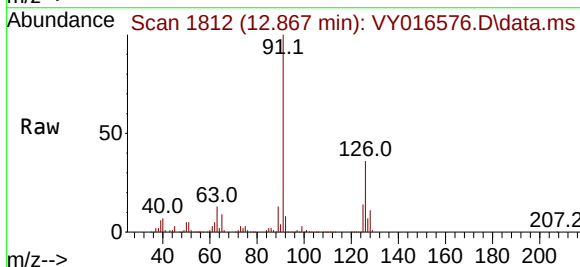
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

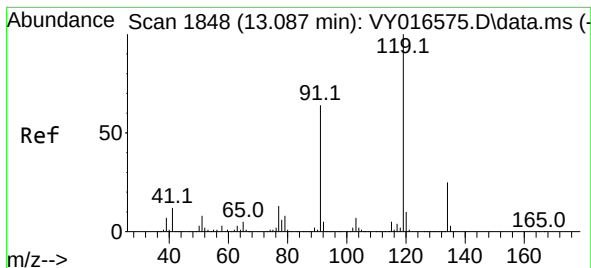
Tgt Ion: 75 Resp: 49272
Ion Ratio Lower Upper
75 100
53 94.3 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 96.600 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 91 Resp: 669427
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 98.633 ug/l

RT: 13.086 min Scan# 1848

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

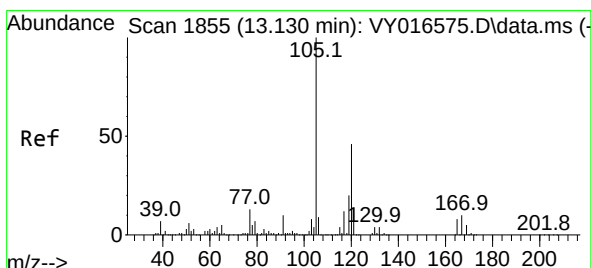
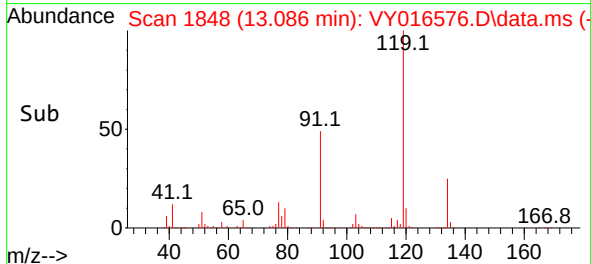
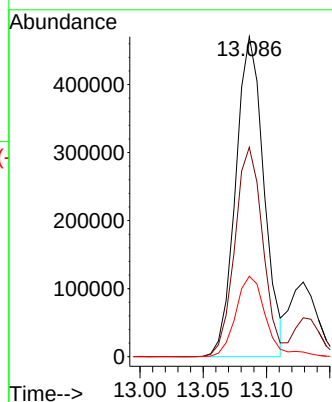
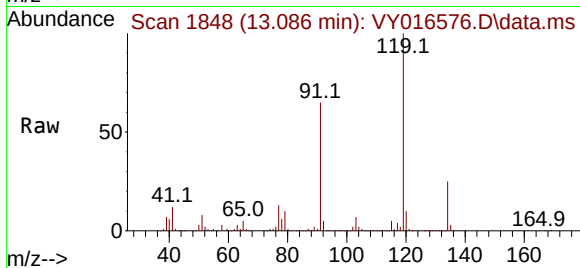
Tgt Ion:119 Resp: 731181

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 98.736 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016576.D

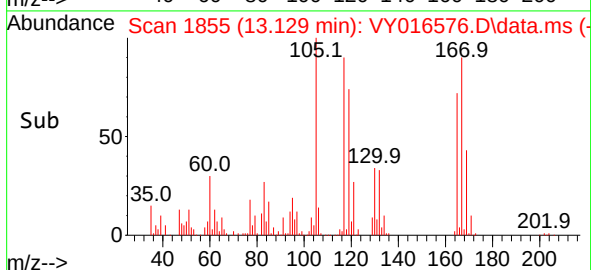
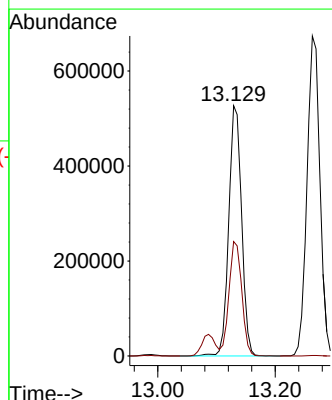
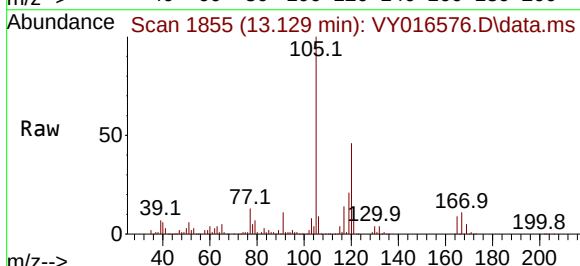
Acq: 04 Dec 2023 13:53

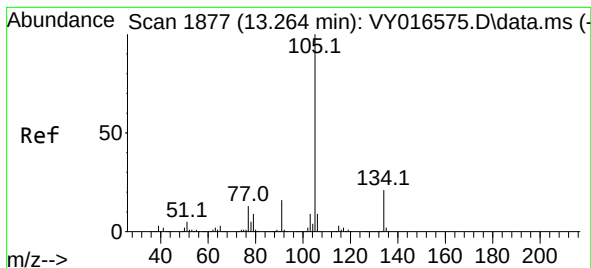
Tgt Ion:105 Resp: 800181

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 98.366 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

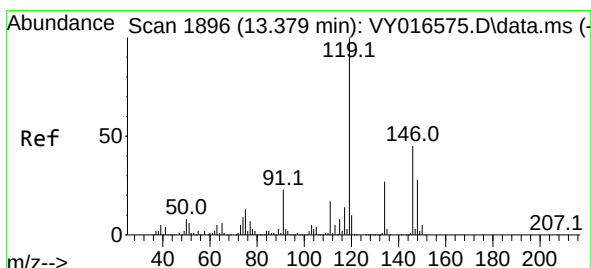
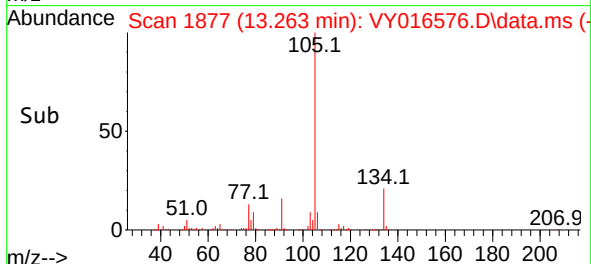
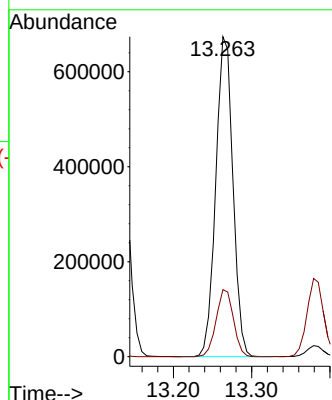
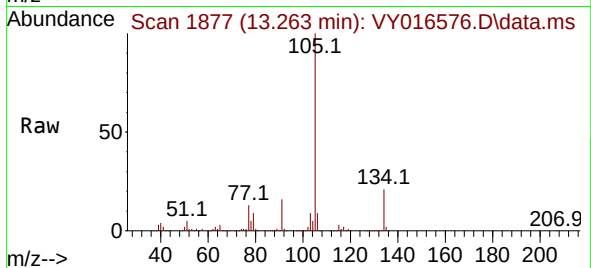
VSTDIC100

Tgt Ion:105 Resp: 1024160

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 99.612 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

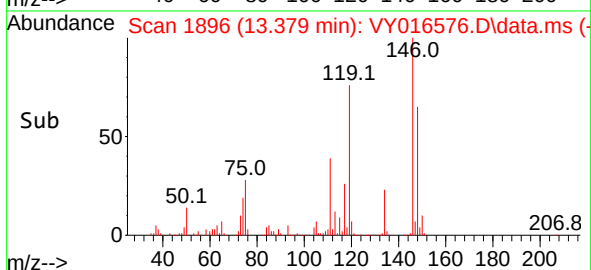
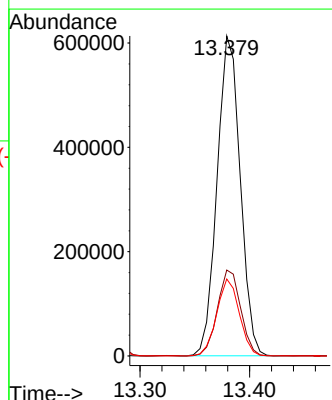
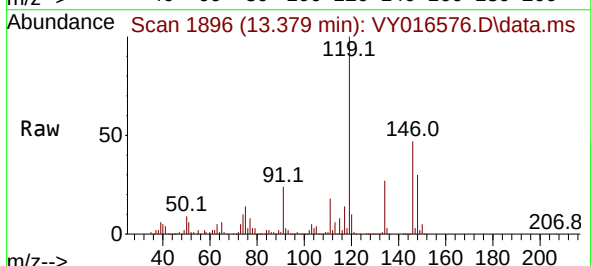
Tgt Ion:119 Resp: 900287

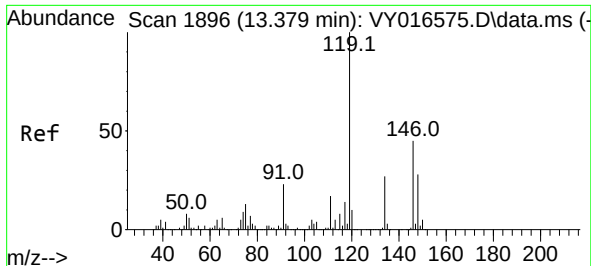
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 23.5 12.4 37.4

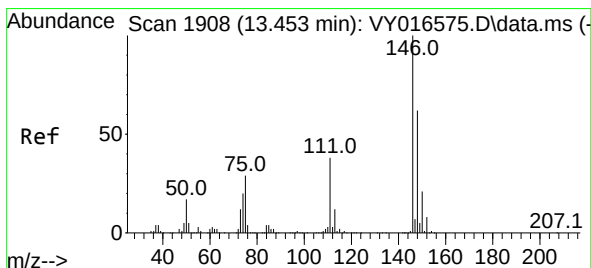
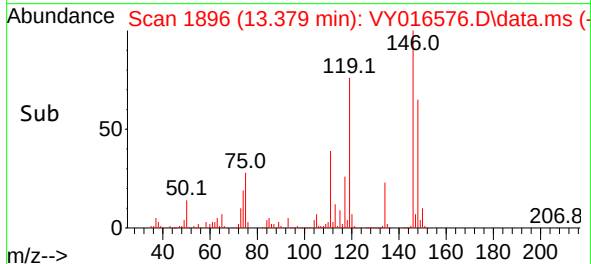
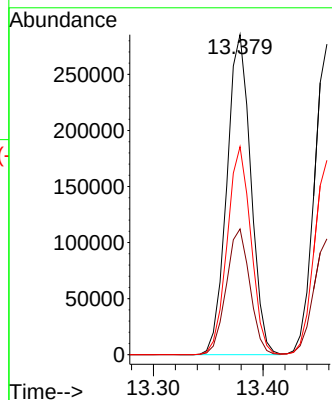
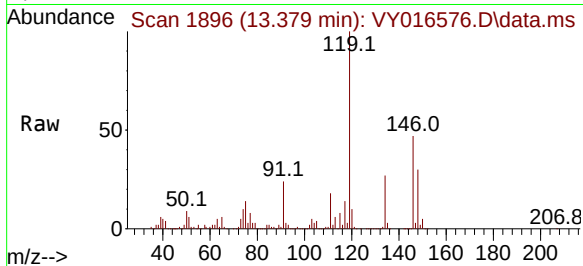




#87
1,3-Dichlorobenzene
Concen: 94.288 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

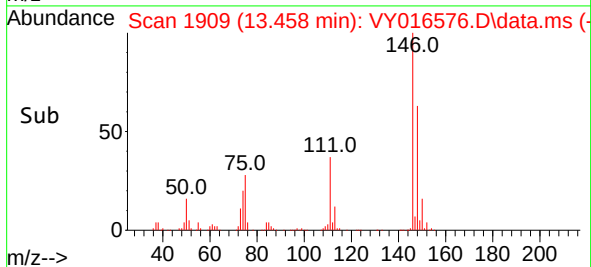
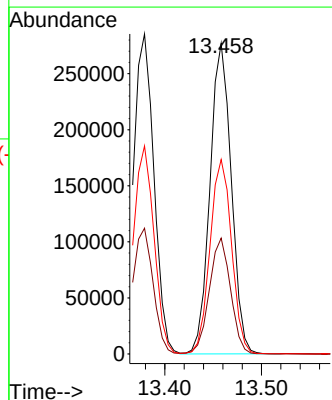
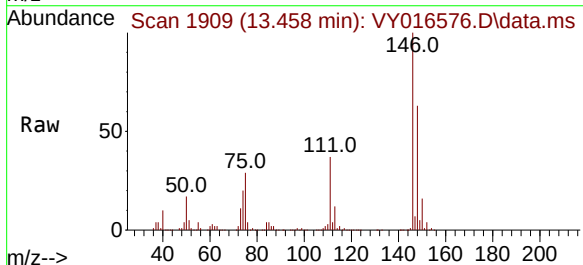
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

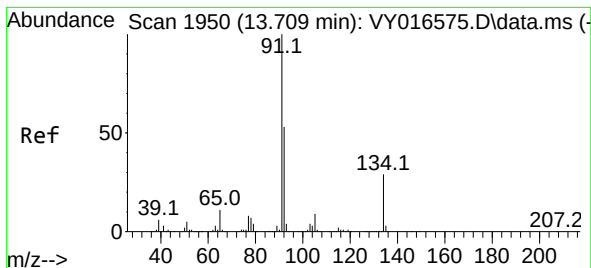
Tgt Ion:146 Resp: 433144
Ion Ratio Lower Upper
146 100
111 38.8 19.4 58.2
148 64.4 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 93.972 ug/l
RT: 13.458 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:146 Resp: 423668
Ion Ratio Lower Upper
146 100
111 37.2 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 99.272 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

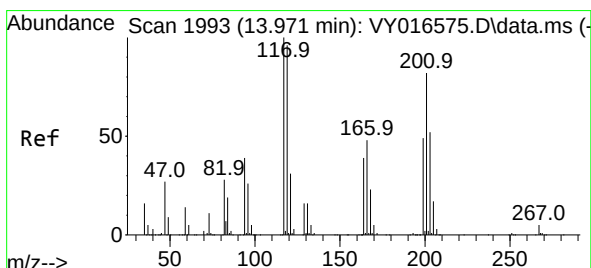
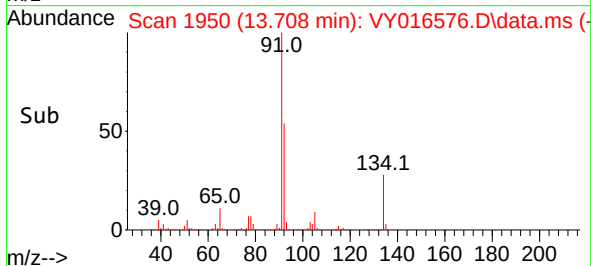
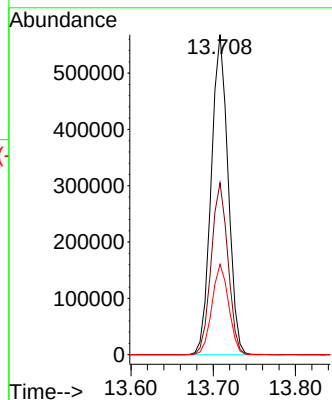
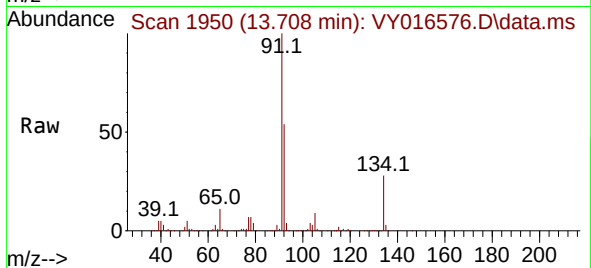
Tgt Ion: 91 Resp: 806877

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 28.0 12.6 37.6



#90

Hexachloroethane

Concen: 97.676 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016576.D

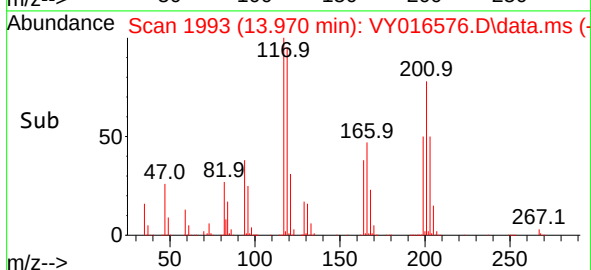
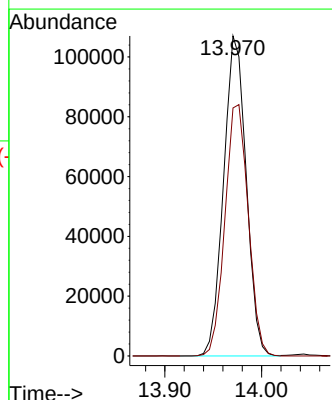
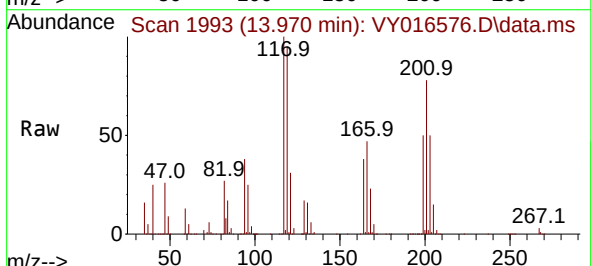
Acq: 04 Dec 2023 13:53

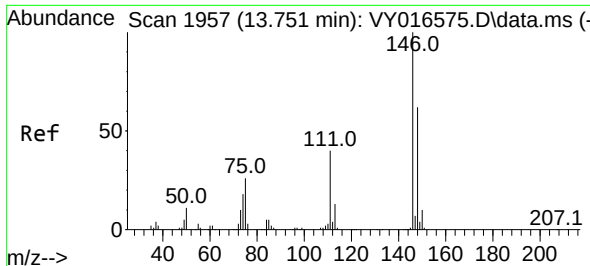
Tgt Ion: 117 Resp: 173699

Ion Ratio Lower Upper

117 100

201 81.0 41.6 124.8

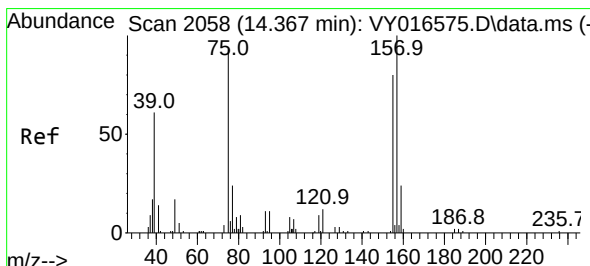
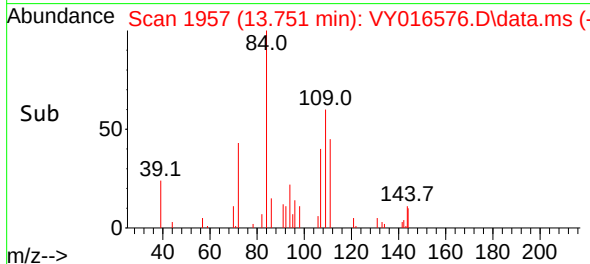
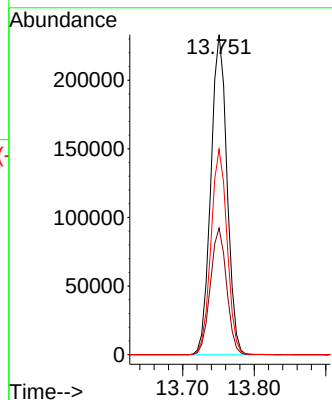
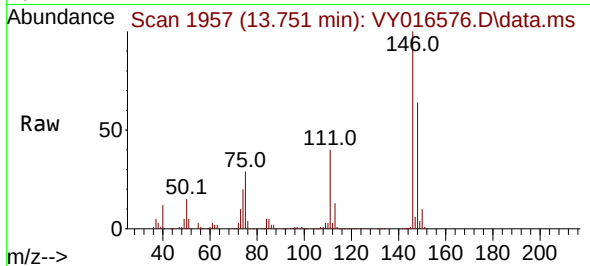




#91
1,2-Dichlorobenzene
Concen: 92.759 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

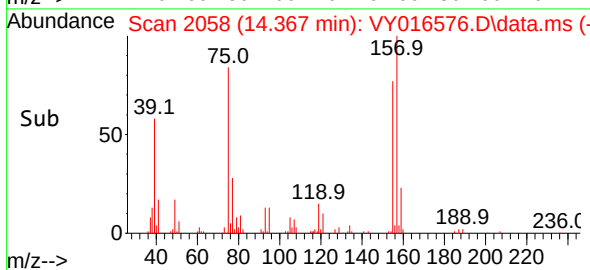
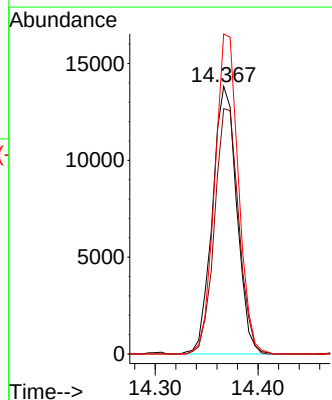
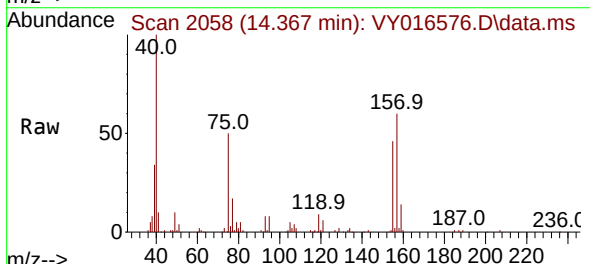
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

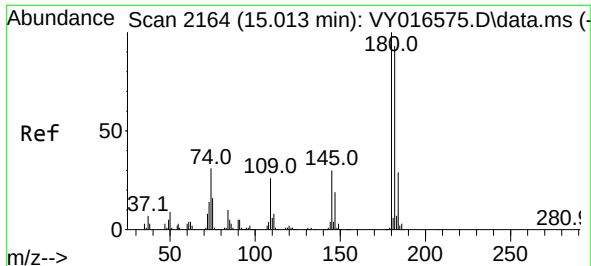
Tgt Ion:146 Resp: 365849
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 87.458 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion: 75 Resp: 22730
Ion Ratio Lower Upper
75 100
155 90.7 41.5 124.6
157 115.9 51.8 155.5

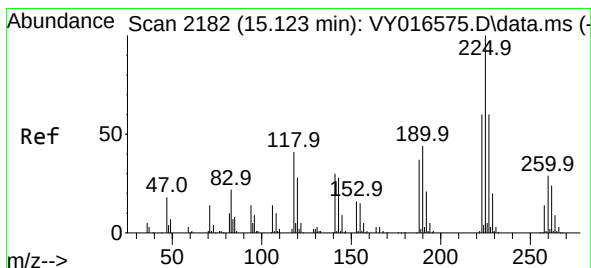
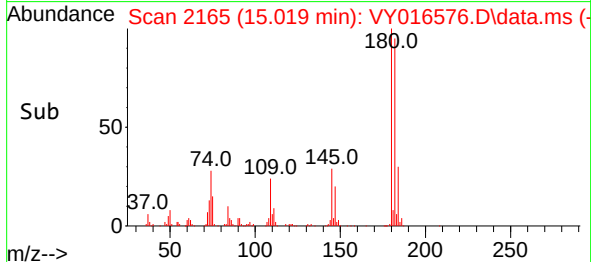
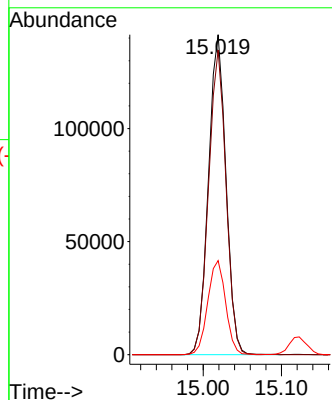
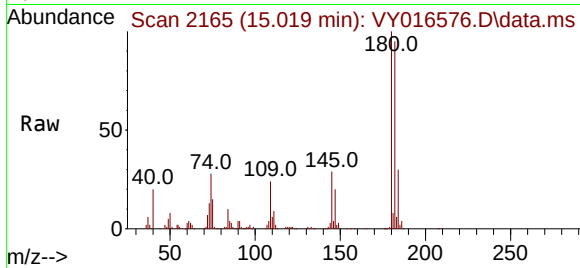




#93
1,2,4-Trichlorobenzene
Concen: 98.522 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

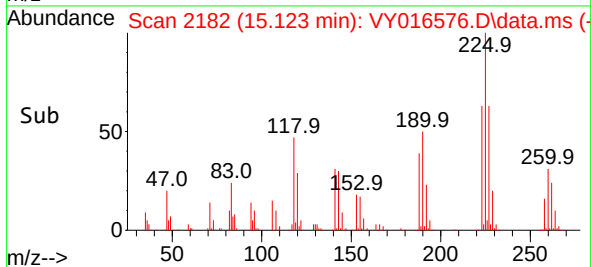
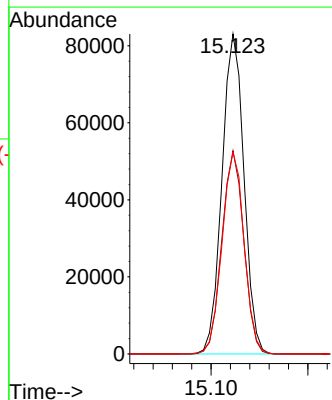
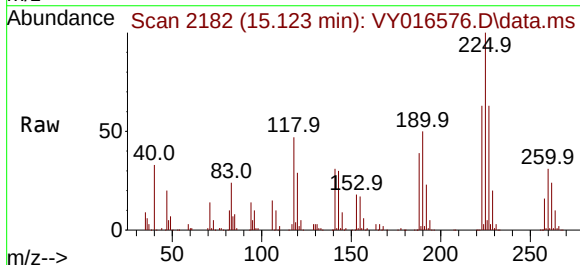
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC100

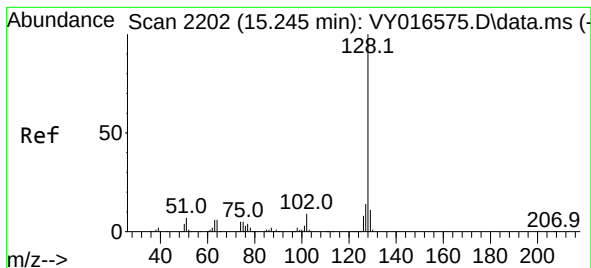
Tgt Ion:180 Resp: 219271
Ion Ratio Lower Upper
180 100
182 95.1 47.0 141.2
145 30.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 93.189 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY016576.D
Acq: 04 Dec 2023 13:53

Tgt Ion:225 Resp: 131037
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.9
227 63.2 33.0 98.9





#95

Naphthalene

Concen: 89.162 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC100

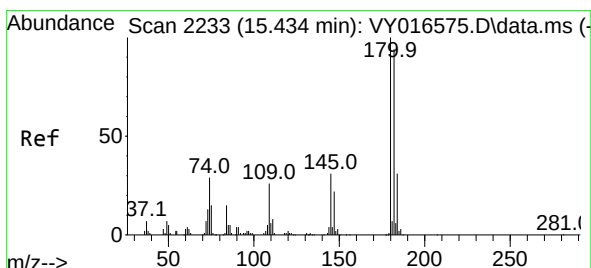
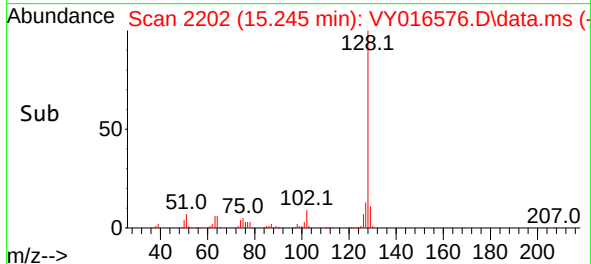
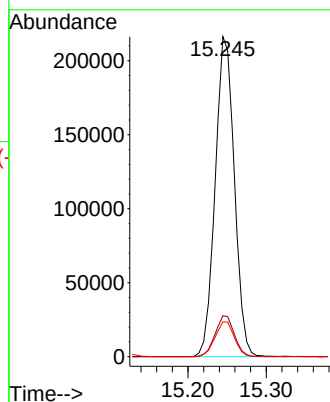
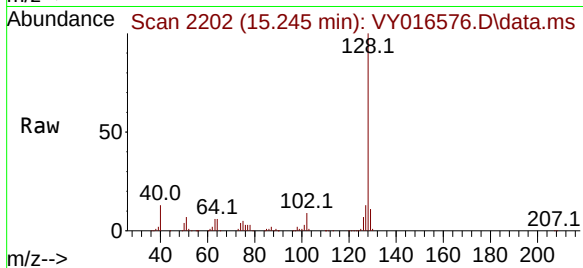
Tgt Ion:128 Resp: 368209

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 90.904 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016576.D

Acq: 04 Dec 2023 13:53

Tgt Ion:180 Resp: 176349

Ion Ratio Lower Upper

180 100

182 96.9 47.3 141.8

145 32.2 15.4 46.2

