

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016573.D
 Acq On : 04 Dec 2023 12:45
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Dec 05 01:06:53 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	7.807	168	219810	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	343732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	292957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	137169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	19603	9.649	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	19.300%#
35) Dibromofluoromethane	7.734	113	20212	9.771	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.540%#
50) Toluene-d8	10.191	98	75878	9.697	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.400%#
62) 4-Bromofluorobenzene	12.496	95	24908	9.680	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20833	10.730	ug/l	99
3) Chloromethane	2.125	50	22064	10.954	ug/l	100
4) Vinyl Chloride	2.266	62	21467	10.553	ug/l	94
5) Bromomethane	2.668	94	13688	10.743	ug/l	96
6) Chloroethane	2.808	64	13304	10.588	ug/l	97
7) Trichlorofluoromethane	3.144	101	40339	10.490	ug/l	95
8) Diethyl Ether	3.546	74	10705	9.996	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.924	101	21683	10.083	ug/l	99
10) Methyl Iodide	4.113	142	22431	9.873	ug/l	99
11) Tert butyl alcohol	4.972	59	6130	44.284	ug/l #	77
12) 1,1-Dichloroethene	3.893	96	19799	10.135	ug/l	91
13) Acrolein	3.747	56	9761	48.504	ug/l	99
14) Allyl chloride	4.509	41	28773	9.652	ug/l #	94
15) Acrylonitrile	5.192	53	21171	48.978	ug/l	97
16) Acetone	3.960	43	24334	52.930	ug/l #	89
17) Carbon Disulfide	4.216	76	55617	10.155	ug/l	98
18) Methyl Acetate	4.491	43	16740	9.186	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	46156	9.612	ug/l	100
20) Methylene Chloride	4.741	84	25341	9.794	ug/l	87
21) trans-1,2-Dichloroethene	5.241	96	22918	10.433	ug/l	84
22) Diisopropyl ether	6.137	45	63088	10.290	ug/l #	96
23) Vinyl Acetate	6.082	43	144609	49.131	ug/l	97
24) 1,1-Dichloroethane	6.045	63	39192	10.405	ug/l #	95
25) 2-Butanone	7.003	43	32657	51.658	ug/l	97
26) 2,2-Dichloropropane	7.003	77	36005	10.168	ug/l	98
27) cis-1,2-Dichloroethene	7.003	96	24926	10.308	ug/l	95
28) Bromochloromethane	7.356	49	15841	10.383	ug/l	91
29) Tetrahydrofuran	7.374	42	16563	45.954	ug/l	94
30) Chloroform	7.527	83	42033	10.469	ug/l	97
31) Cyclohexane	7.807	56	35207	10.151	ug/l #	83
32) 1,1,1-Trichloroethane	7.722	97	39528	10.402	ug/l	97
36) 1,1-Dichloropropene	7.935	75	31763	10.101	ug/l	98
37) Ethyl Acetate	7.094	43	12402	9.426	ug/l	97
38) Carbon Tetrachloride	7.917	117	36742	10.093	ug/l	97
39) Methylcyclohexane	9.197	83	36312	9.585	ug/l	93
40) Benzene	8.179	78	90354	10.194	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	16790	22.660	ug/l #	41
42) 1,2-Dichloroethane	8.258	62	25955	10.085	ug/l	96
43) Isopropyl Acetate	8.289	43	23272	9.168	ug/l #	91
44) Trichloroethene	8.960	130	27283	10.207	ug/l	91
45) 1,2-Dichloropropane	9.228	63	21799	10.216	ug/l	100
46) Dibromomethane	9.319	93	11772	10.063	ug/l	100
47) Bromodichloromethane	9.514	83	31567	10.136	ug/l	99
48) Methyl methacrylate	9.307	41	13257	9.044	ug/l	92
49) 1,4-Dioxane	9.313	88	2273	191.972	ug/l #	65
51) 4-Methyl-2-Pentanone	10.081	43	60261	45.683	ug/l	96
52) Toluene	10.258	92	55426	9.978	ug/l	98
53) t-1,3-Dichloropropene	10.478	75	27947	9.509	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	34083	9.874	ug/l	93
55) 1,1,2-Trichloroethane	10.660	97	16119	9.892	ug/l	95
56) Ethyl methacrylate	10.520	69	13267	8.882	ug/l	95
57) 1,3-Dichloropropane	10.801	76	27108	9.848	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	40395	43.885	ug/l	94
59) 2-Hexanone	10.843	43	47541	47.642	ug/l	97
60) Dibromochloromethane	11.002	129	21315	9.790	ug/l	98
61) 1,2-Dibromoethane	11.099	107	14553	9.495	ug/l	96
64) Tetrachloroethene	10.734	164	26647	9.925	ug/l	96
65) Chlorobenzene	11.532	112	59967	10.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	23597	10.175	ug/l	99
67) Ethyl Benzene	11.605	91	104975	9.865	ug/l	100
68) m/p-Xylenes	11.715	106	80940	20.036	ug/l	94
69) o-Xylene	12.044	106	38127	10.110	ug/l	94
70) Styrene	12.057	104	51988	9.608	ug/l	99
71) Bromoform	12.221	173	11992	9.576	ug/l #	98
73) Isopropylbenzene	12.343	105	103131	10.154	ug/l	99
74) N-amyl acetate	12.154	43	18608	9.188	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.593	83	16157	10.001	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	21472	16.907	ug/l #	100
77) Bromobenzene	12.624	156	24470	10.222	ug/l	92
78) n-propylbenzene	12.684	91	119323	10.093	ug/l	98
79) 2-Chlorotoluene	12.770	91	67938	10.198	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	83173	10.078	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	5166	9.405	ug/l	92
82) 4-Chlorotoluene	12.867	91	71011	10.301	ug/l	98
83) tert-Butylbenzene	13.087	119	73197	9.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	80884	10.033	ug/l	99
85) sec-Butylbenzene	13.264	105	105118	10.150	ug/l	99
86) p-Isopropyltoluene	13.379	119	90174	10.030	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	46734	10.227	ug/l	98
88) 1,4-Dichlorobenzene	13.459	146	45098	10.056	ug/l	97
89) n-Butylbenzene	13.709	91	79106	9.784	ug/l	97
90) Hexachloroethane	13.971	117	17957	10.151	ug/l	96
91) 1,2-Dichlorobenzene	13.751	146	39552	10.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2558	9.895	ug/l	98
93) 1,2,4-Trichlorobenzene	15.019	180	19539	8.826	ug/l	98
94) Hexachlorobutadiene	15.123	225	14317	10.236	ug/l	98
95) Naphthalene	15.251	128	30637	8.790	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	15707	9.315	ug/l	100

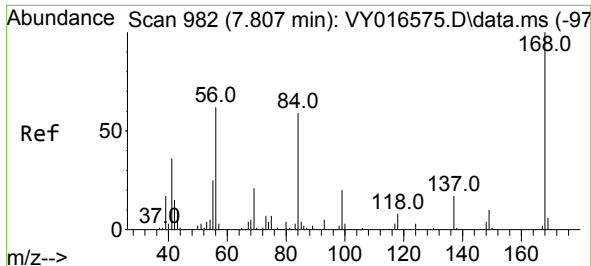
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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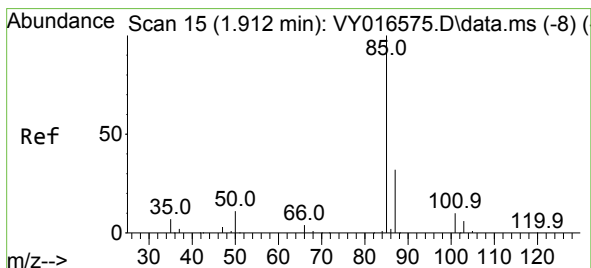
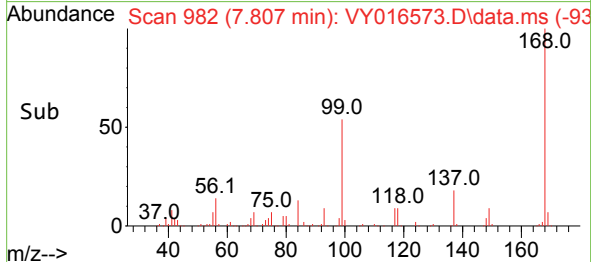
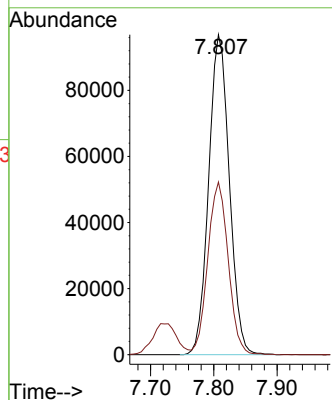
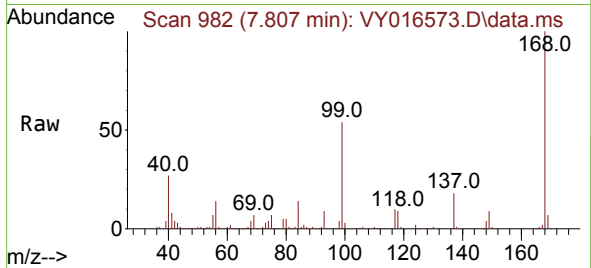
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

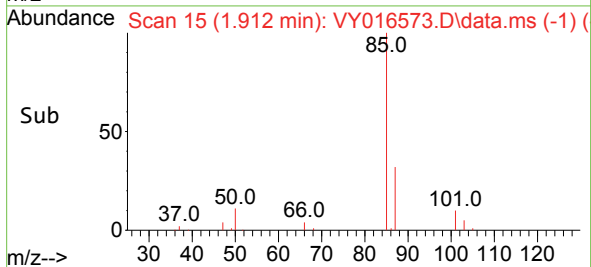
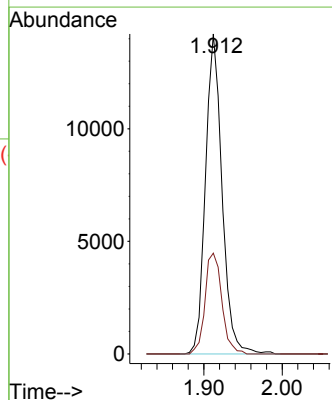
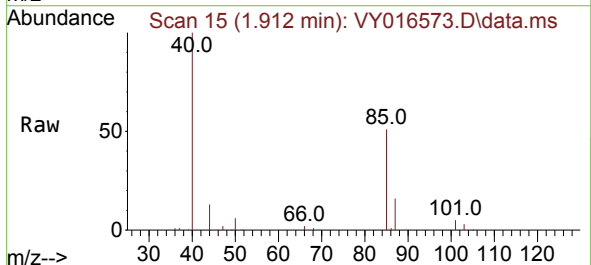
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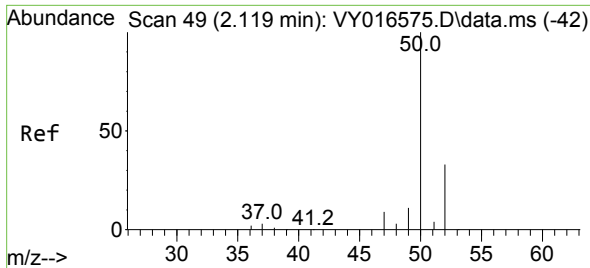
Tgt Ion:168 Resp: 219810
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 10.730 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 85 Resp: 20833
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8

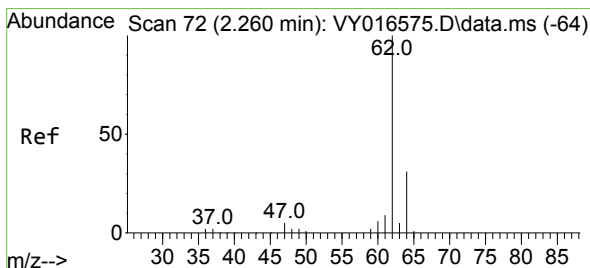
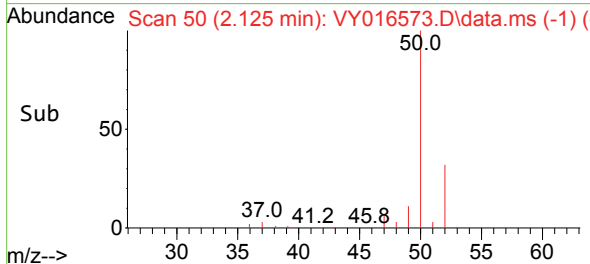
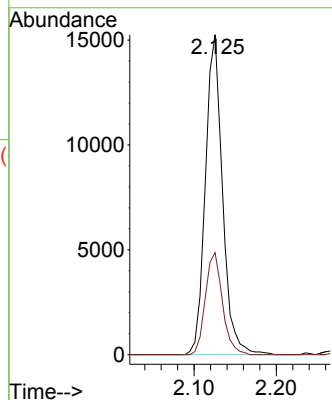
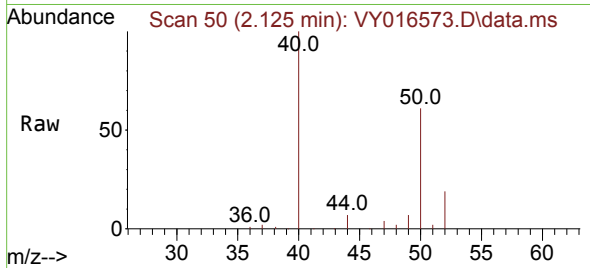




#3
Chloromethane
Concen: 10.954 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

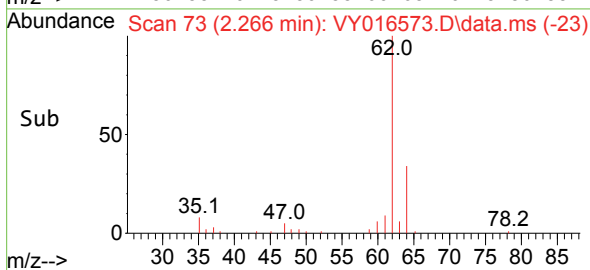
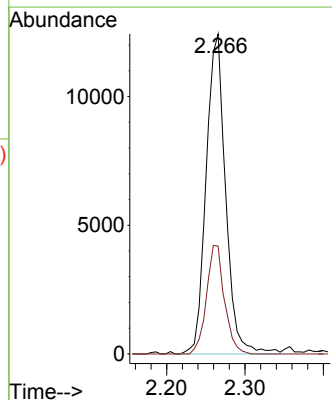
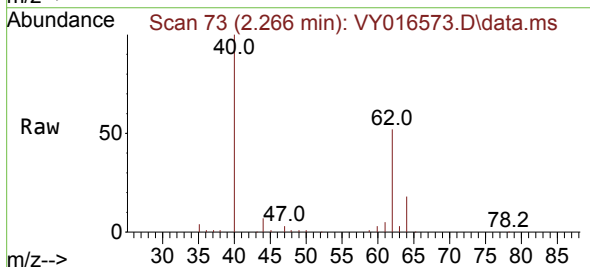
Instrument :
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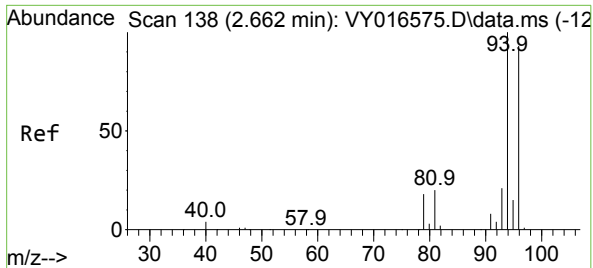
Tgt Ion: 50 Resp: 22064
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 10.553 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 62 Resp: 21467
Ion Ratio Lower Upper
62 100
64 33.7 24.3 36.5





#5

Bromomethane

Concen: 10.743 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

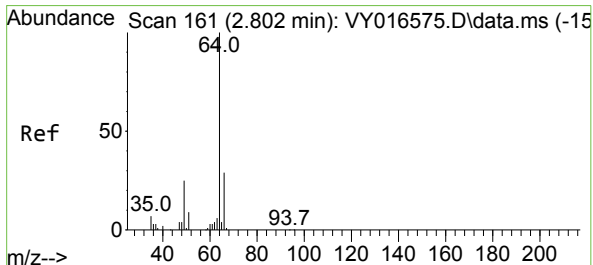
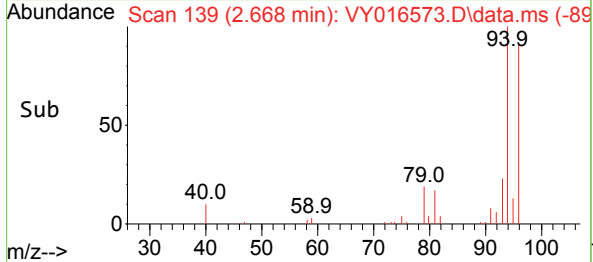
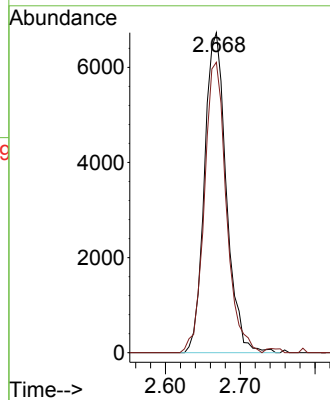
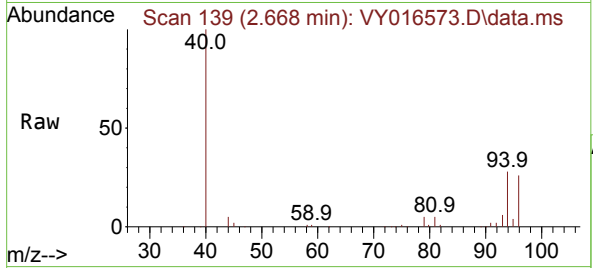
VSTDIC010

Tgt Ion: 94 Resp: 13688

Ion Ratio Lower Upper

94 100

96 90.8 75.8 113.6



#6

Chloroethane

Concen: 10.588 ug/l

RT: 2.808 min Scan# 162

Delta R.T. 0.006 min

Lab File: VY016573.D

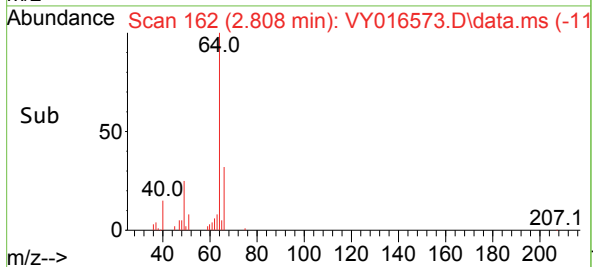
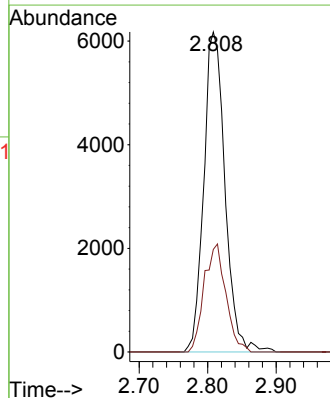
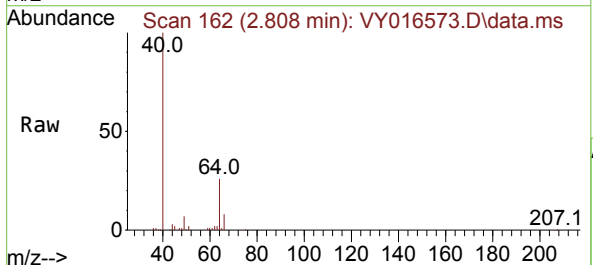
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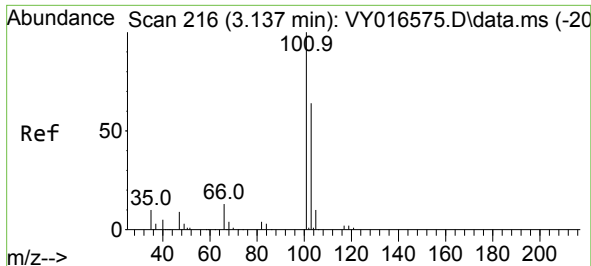
Tgt Ion: 64 Resp: 13304

Ion Ratio Lower Upper

64 100

66 32.0 24.4 36.6

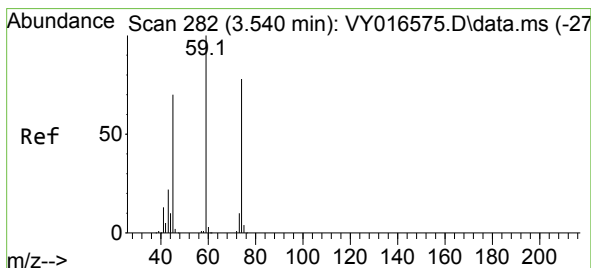
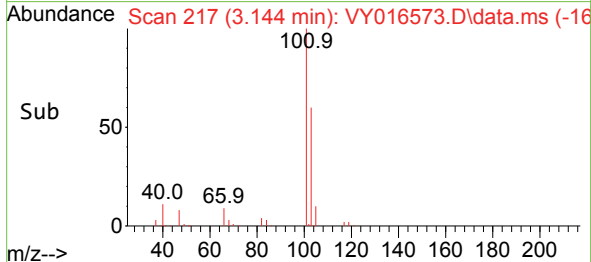
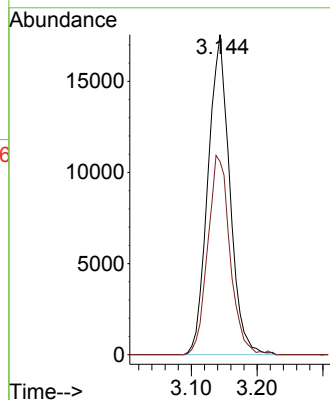
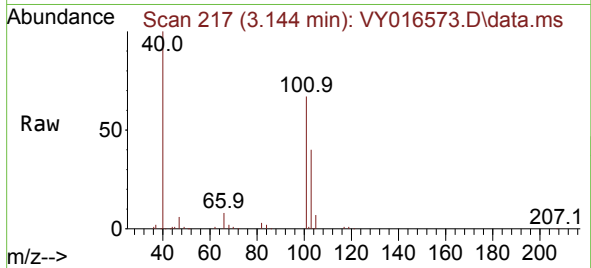




#7
Trichlorofluoromethane
Concen: 10.490 ug/l
RT: 3.144 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

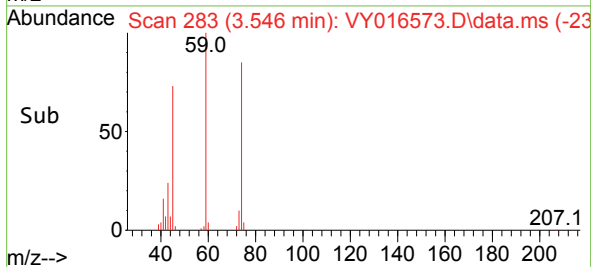
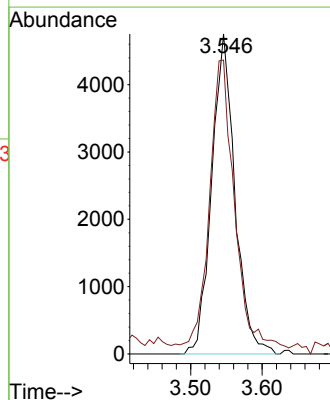
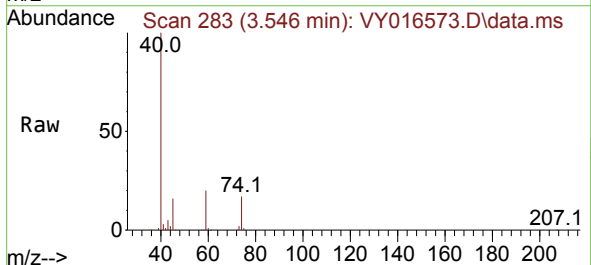
Instrument :
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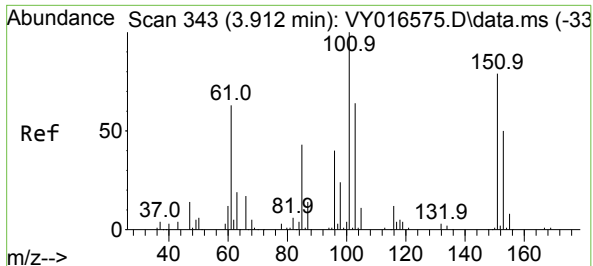
Tgt Ion:101 Resp: 40339
Ion Ratio Lower Upper
101 100
103 60.4 51.4 77.0



#8
Diethyl Ether
Concen: 9.996 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 74 Resp: 10705
Ion Ratio Lower Upper
74 100
45 95.8 51.5 154.5

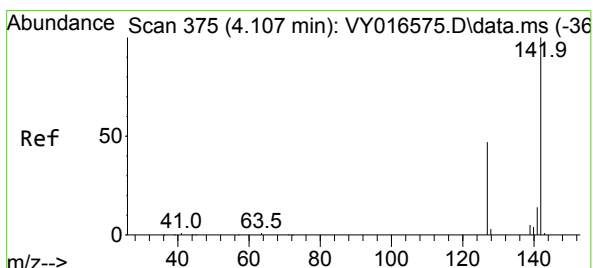
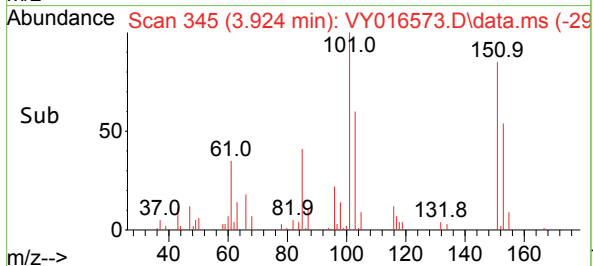
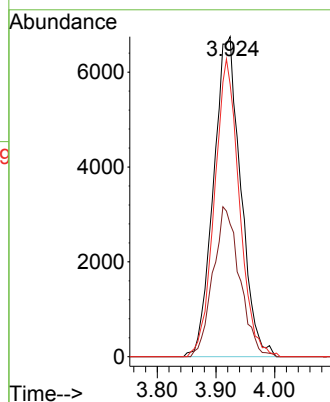
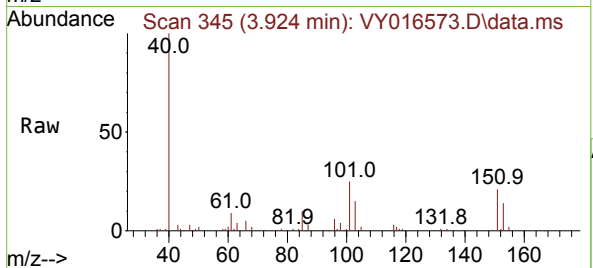




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.083 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016573.D
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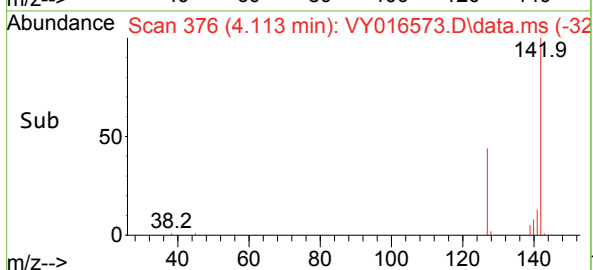
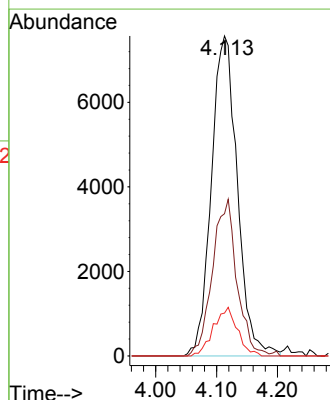
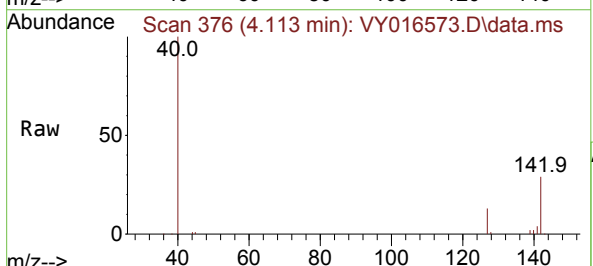
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

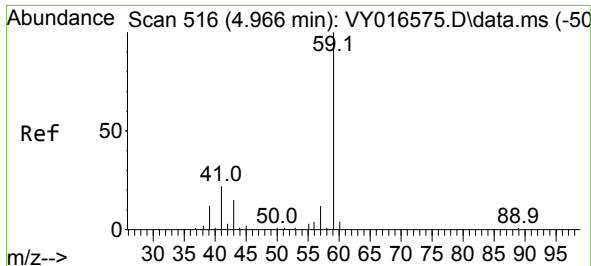
Tgt Ion:101 Resp: 21683
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 85.2 67.0 100.6



#10
Methyl Iodide
Concen: 9.873 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion:142 Resp: 22431
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.0 11.8 17.8

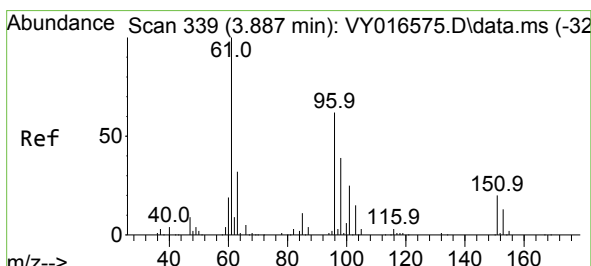
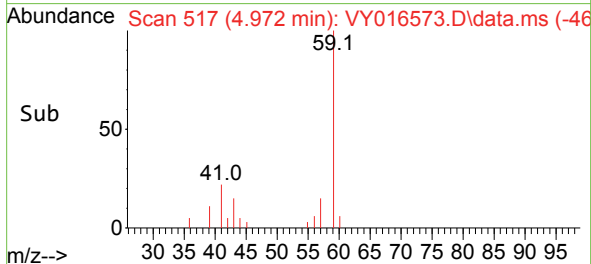
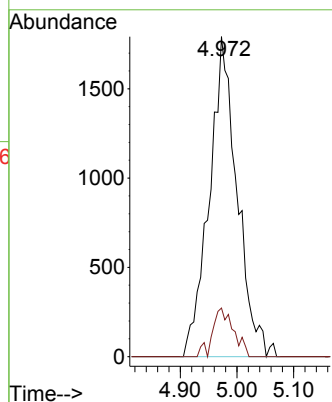
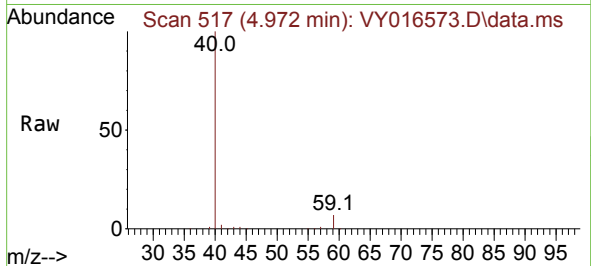




#11
Tert butyl alcohol
Concen: 44.284 ug/l
RT: 4.972 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

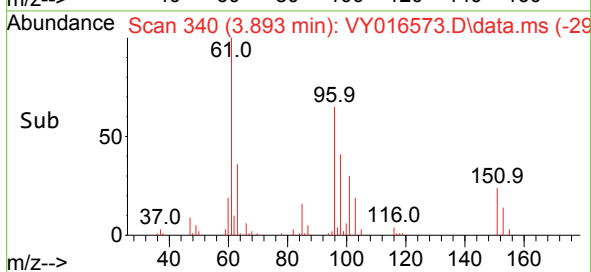
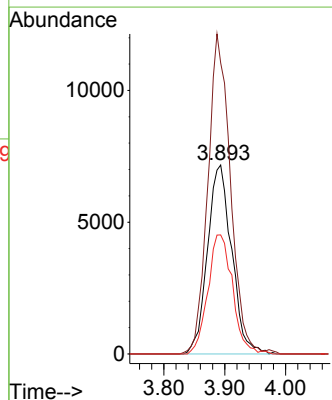
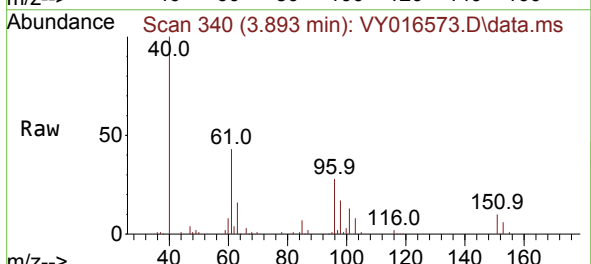
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

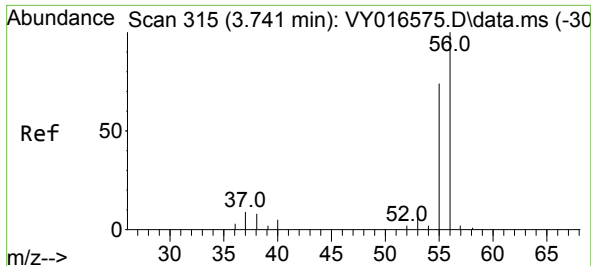
Tgt Ion: 59 Resp: 6130
Ion Ratio Lower Upper
59 100
57 11.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 10.135 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 96 Resp: 19799
Ion Ratio Lower Upper
96 100
61 154.0 136.4 204.6
98 63.0 49.4 74.2





#13

Acrolein

Concen: 48.504 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

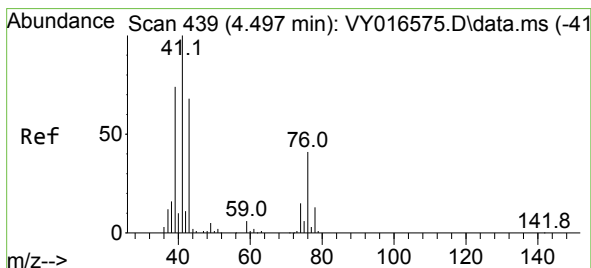
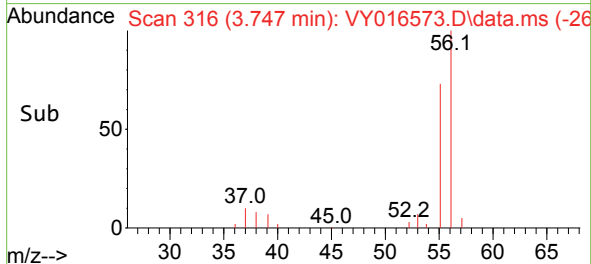
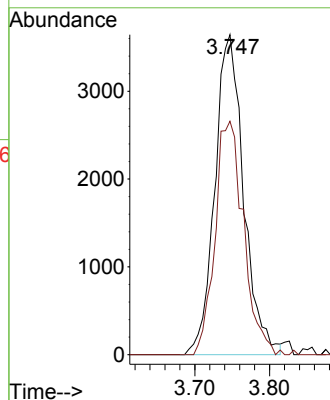
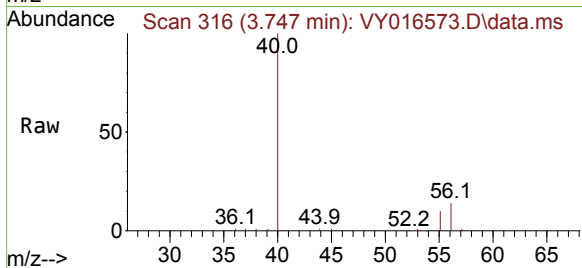
VSTDIC010

Tgt Ion: 56 Resp: 9761

Ion Ratio Lower Upper

56 100

55 72.1 57.0 85.4



#14

Allyl chloride

Concen: 9.652 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

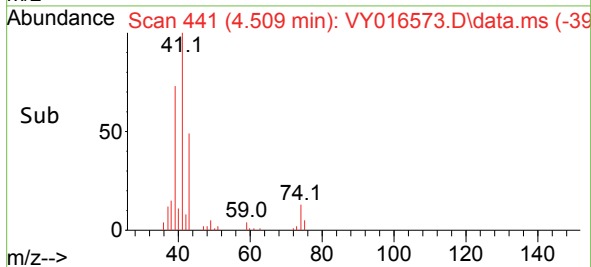
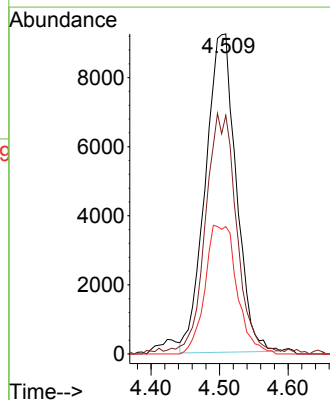
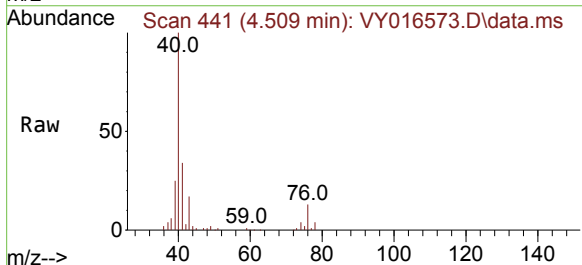
Tgt Ion: 41 Resp: 28773

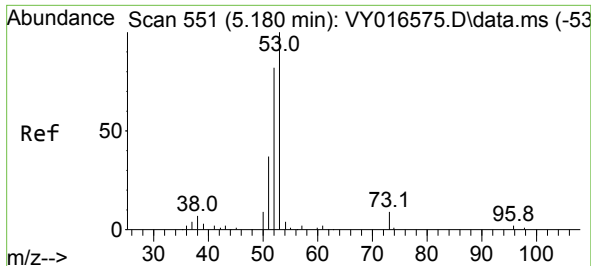
Ion Ratio Lower Upper

41 100

39 74.3 58.0 87.0

76 41.7 27.4 41.2#

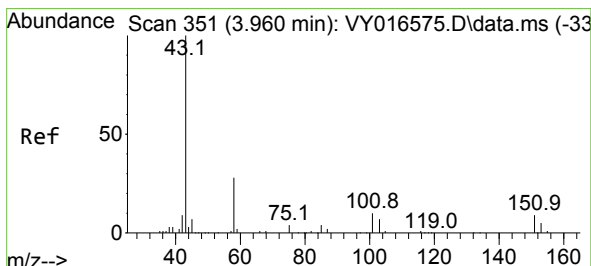
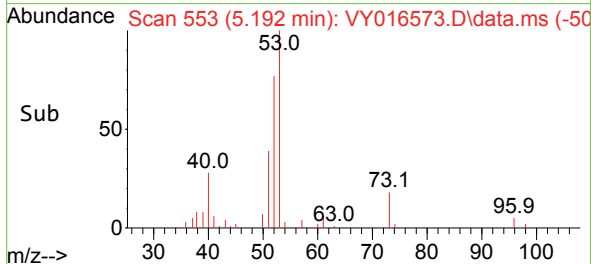
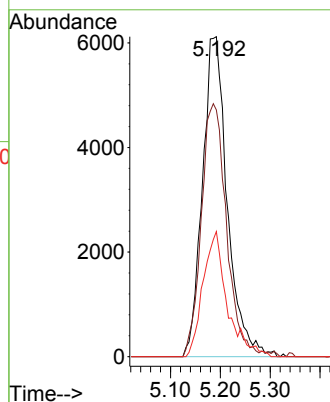
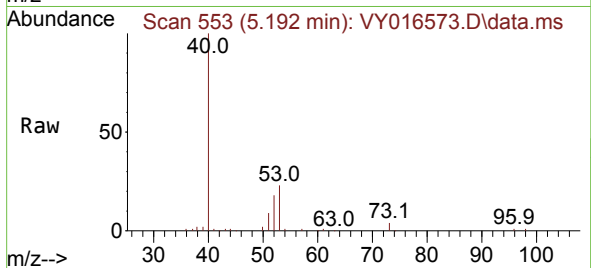




#15
Acrylonitrile
Concen: 48.978 ug/l
RT: 5.192 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

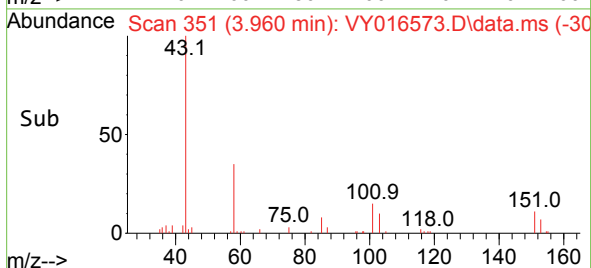
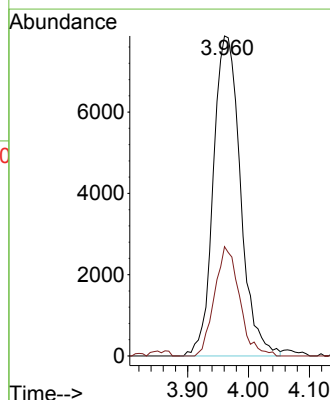
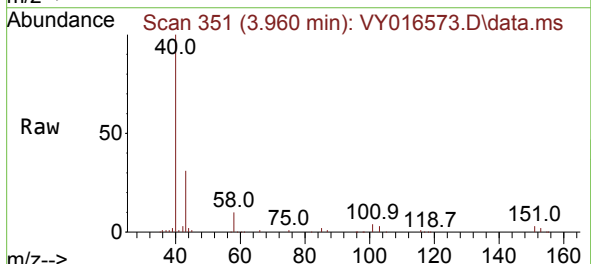
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

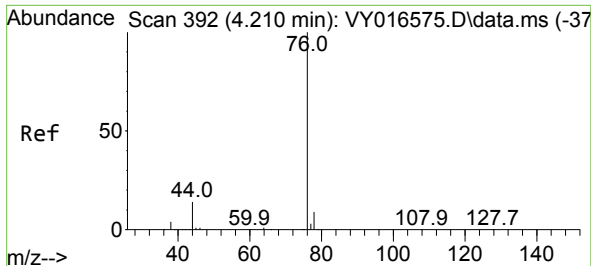
Tgt Ion: 53 Resp: 21171
Ion Ratio Lower Upper
53 100
52 79.8 66.9 100.3
51 37.9 29.8 44.6



#16
Acetone
Concen: 52.930 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 43 Resp: 24334
Ion Ratio Lower Upper
43 100
58 34.2 22.7 34.1#

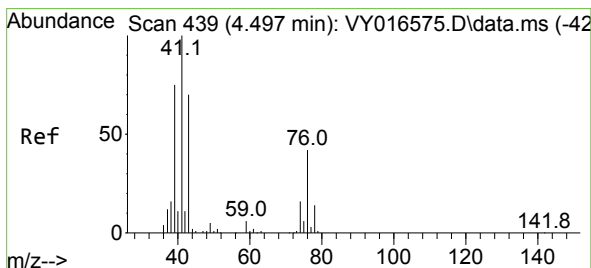
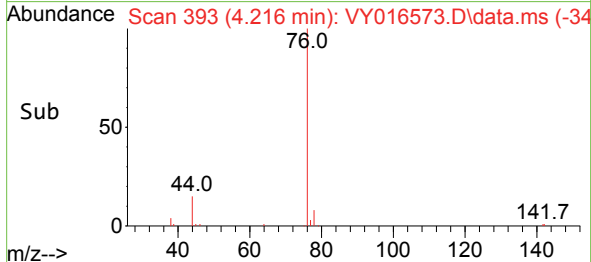
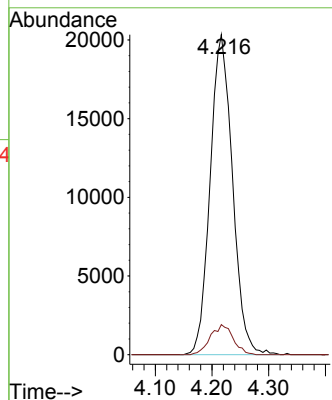
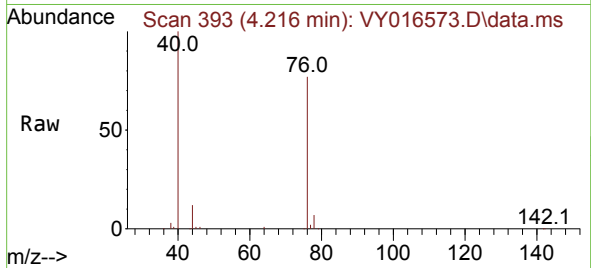




#17
Carbon Disulfide
Concen: 10.155 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

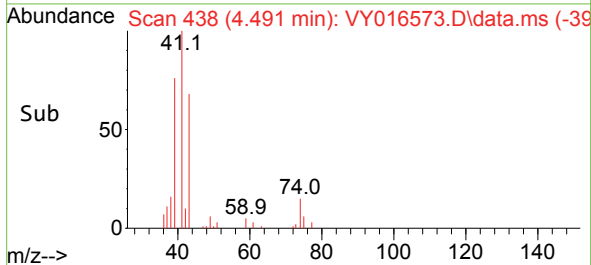
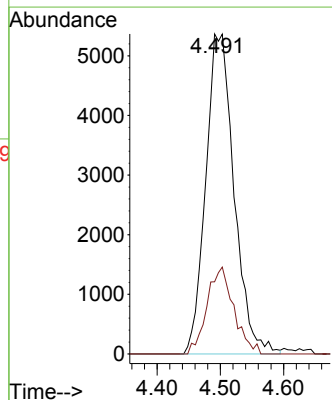
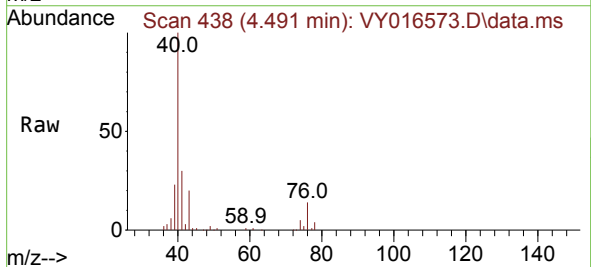
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

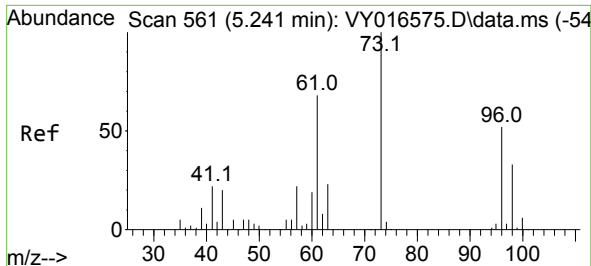
Tgt Ion: 76 Resp: 55617
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 9.186 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 43 Resp: 16740
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

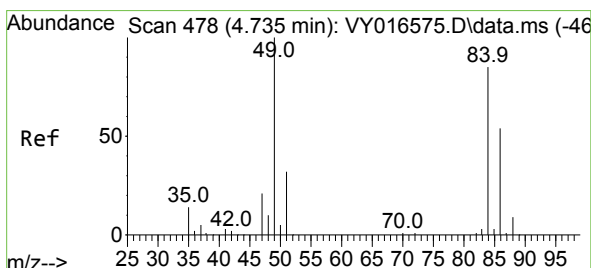
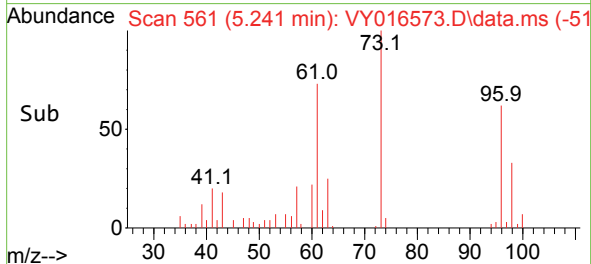
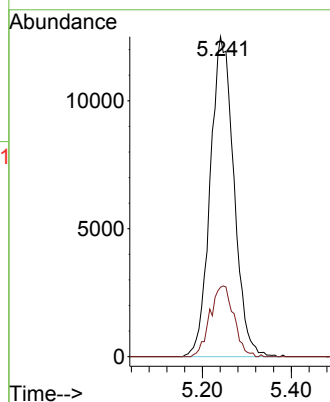
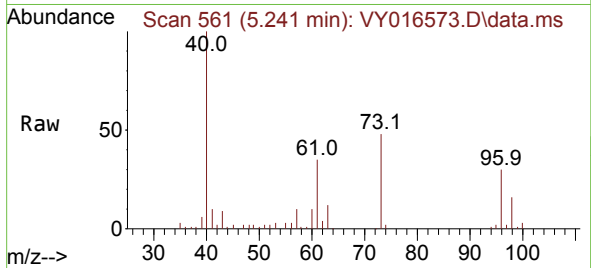




#19
Methyl tert-butyl Ether
Concen: 9.612 ug/l
RT: 5.241 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

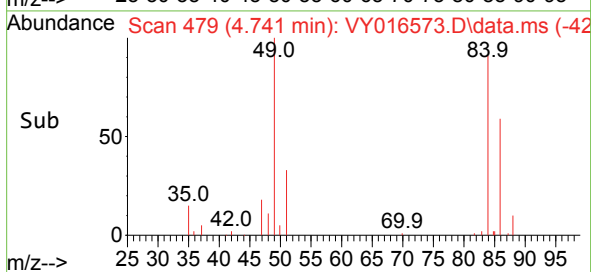
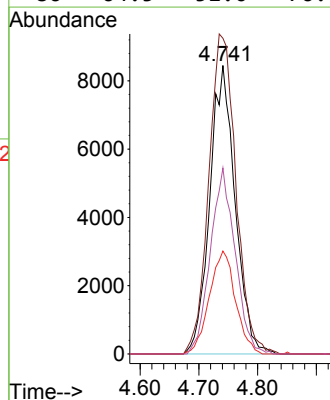
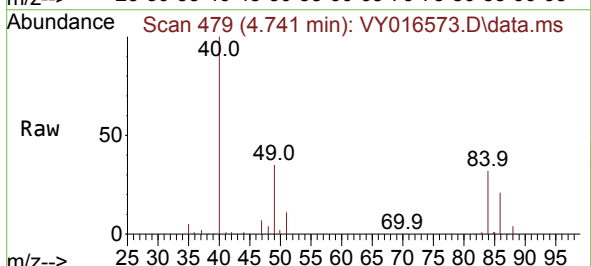
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

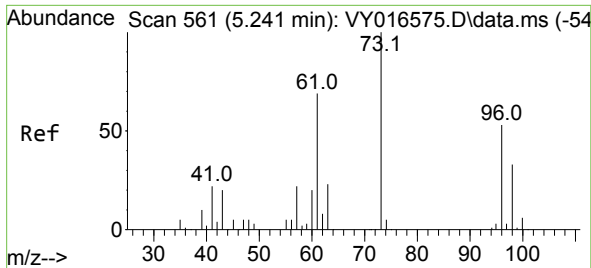
Tgt Ion: 73 Resp: 46156
Ion Ratio Lower Upper
73 100
57 21.7 17.3 25.9



#20
Methylene Chloride
Concen: 9.794 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 84 Resp: 25341
Ion Ratio Lower Upper
84 100
49 109.4 106.9 160.3
51 35.6 33.2 49.8
86 64.5 51.0 76.6

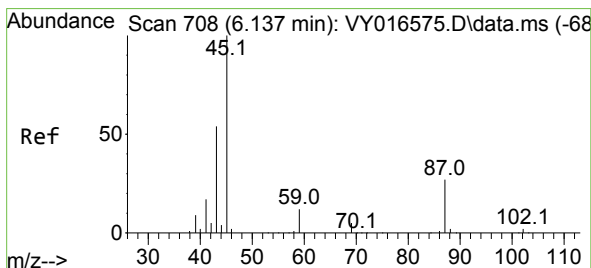
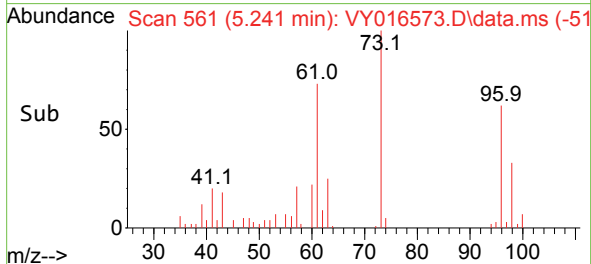
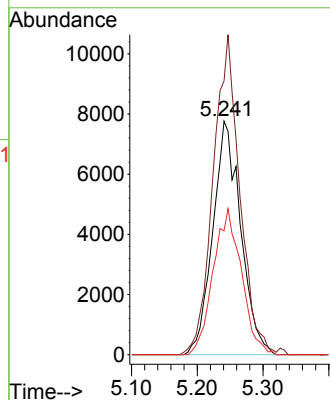
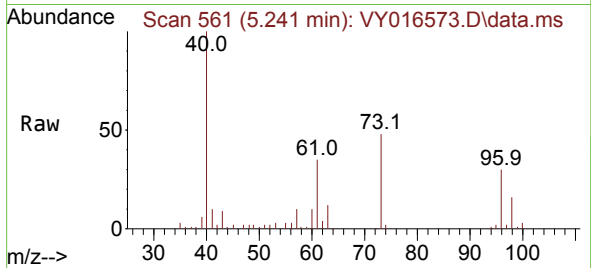




#21
trans-1,2-Dichloroethene
Concen: 10.433 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

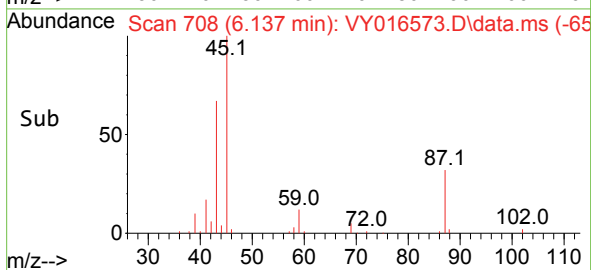
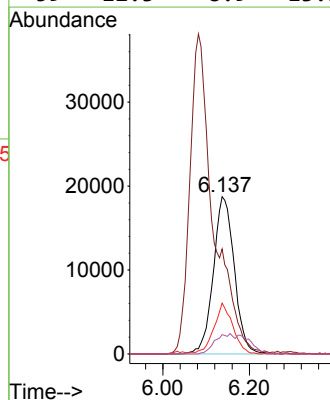
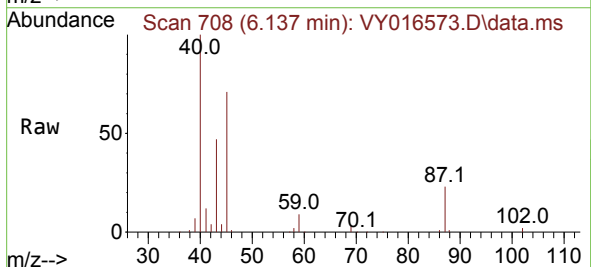
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

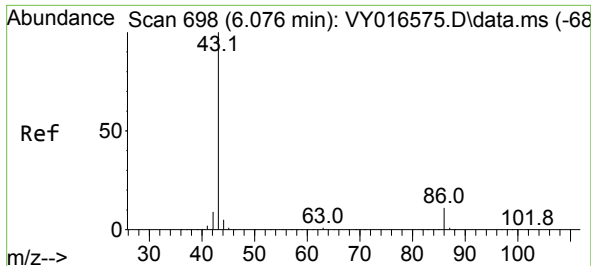
Tgt Ion: 96 Resp: 22918
Ion Ratio Lower Upper
96 100
61 117.2 110.2 165.4
98 53.0 51.8 77.6



#22
Diisopropyl ether
Concen: 10.290 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 45 Resp: 63088
Ion Ratio Lower Upper
45 100
43 65.8 52.2 78.4
87 32.3 21.0 31.6#
59 12.3 8.9 13.3

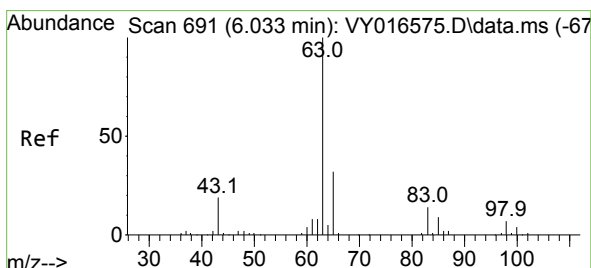
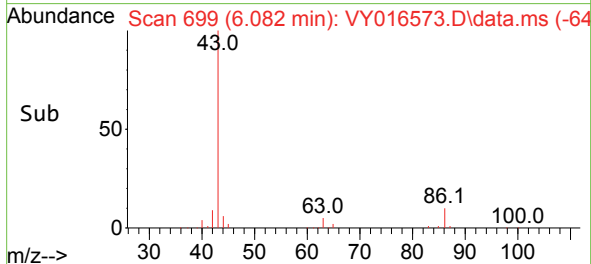
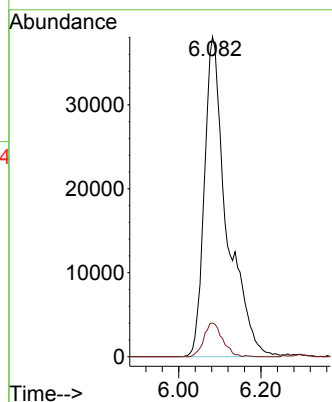
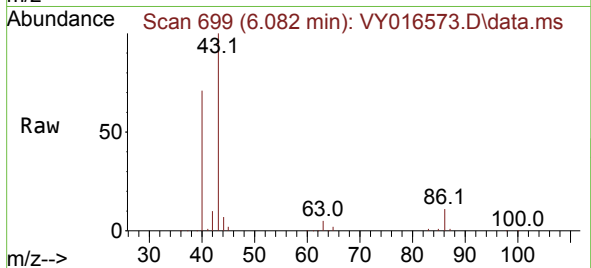




#23
 Vinyl Acetate
 Concen: 49.131 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016573.D
 Acq: 04 Dec 2023 12:45

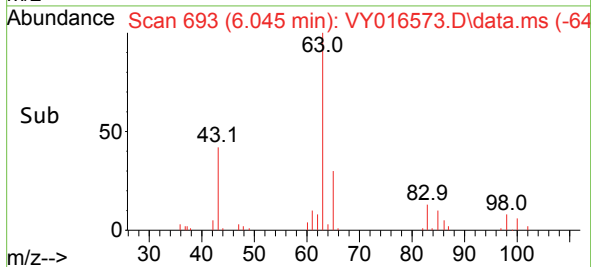
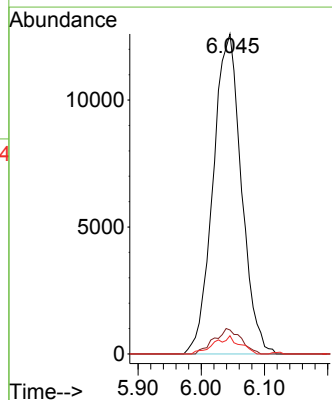
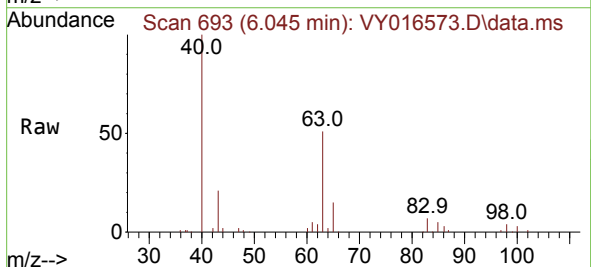
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

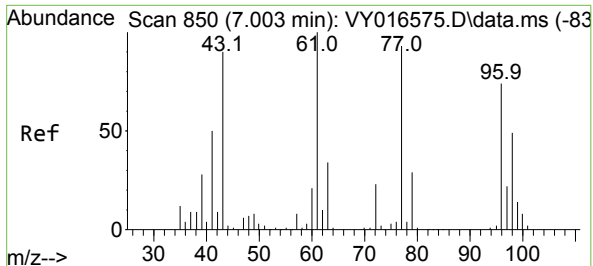
Tgt Ion: 43 Resp: 144609
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 10.405 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016573.D
 Acq: 04 Dec 2023 12:45

Tgt Ion: 63 Resp: 39192
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 5.7 1.8 5.5#





#25

2-Butanone

Concen: 51.658 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

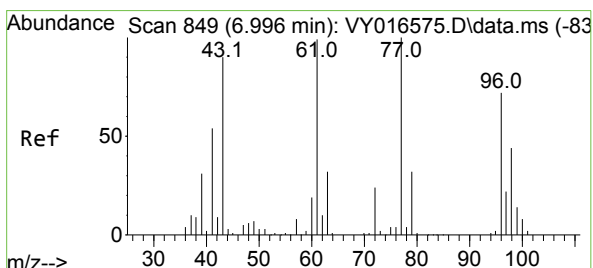
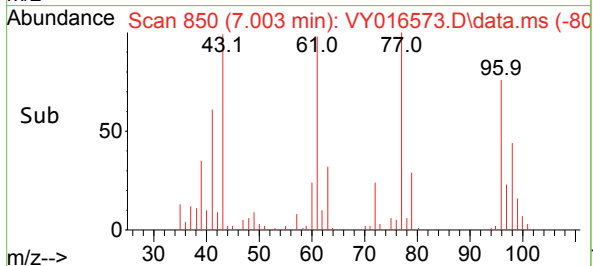
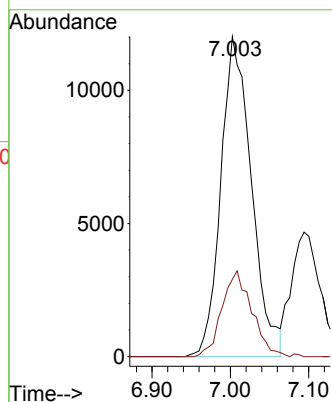
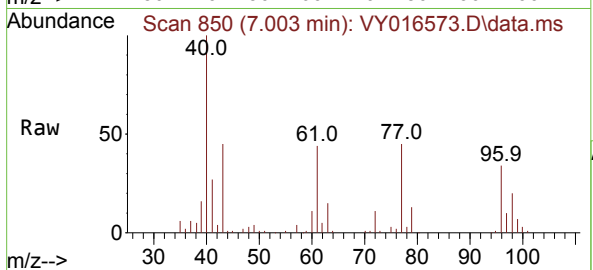
VSTDIC010

Tgt Ion: 43 Resp: 32657

Ion Ratio Lower Upper

43 100

72 24.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 10.168 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016573.D

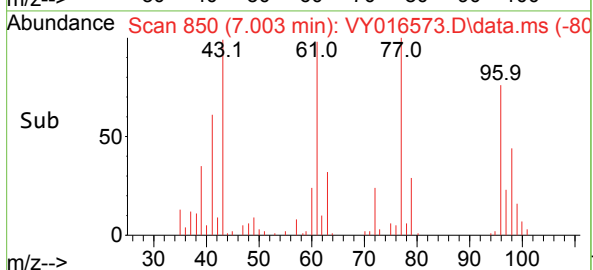
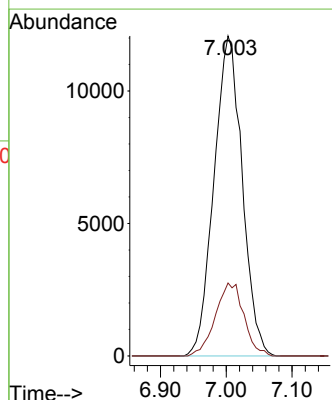
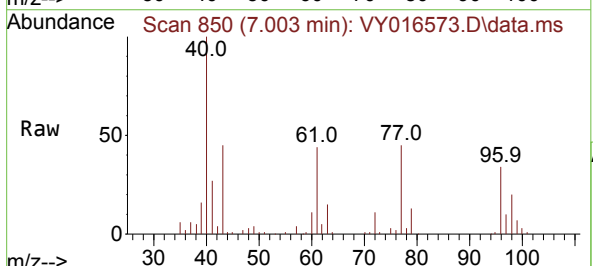
Acq: 04 Dec 2023 12:45

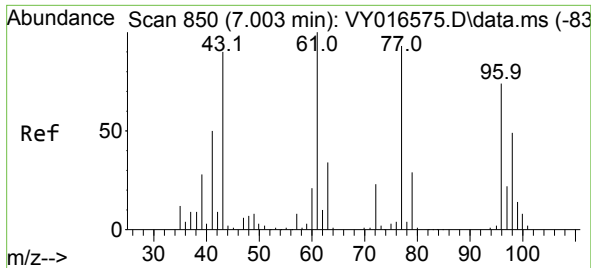
Tgt Ion: 77 Resp: 36005

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9

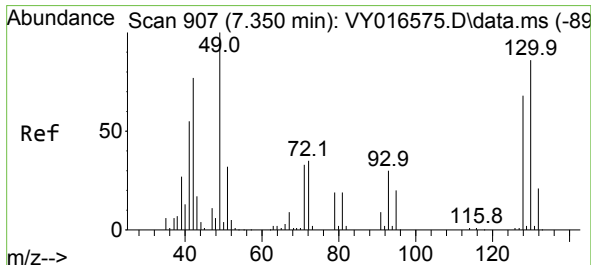
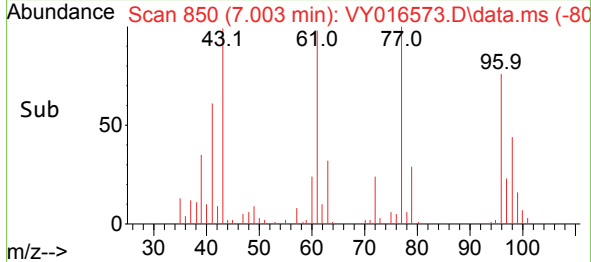
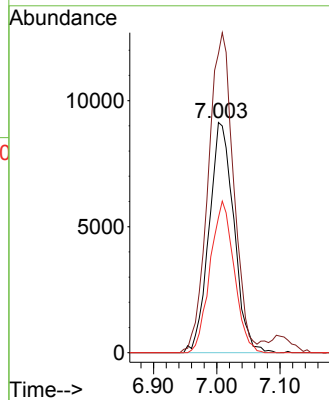
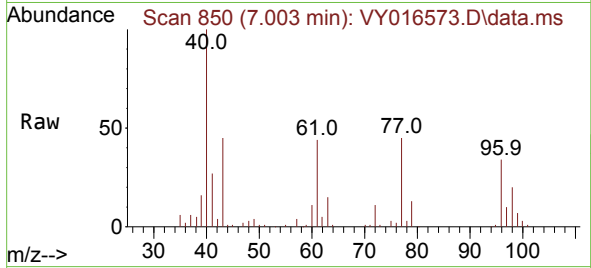




#27
 cis-1,2-Dichloroethene
 Concen: 10.308 ug/l
 RT: 7.003 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY016573.D
 Acq: 04 Dec 2023 12:45

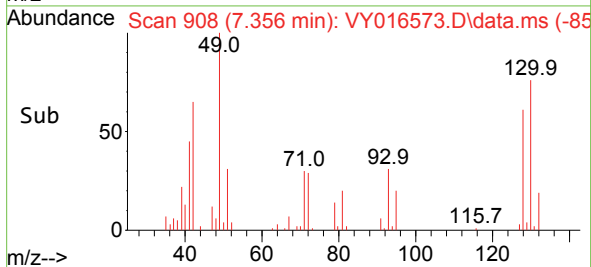
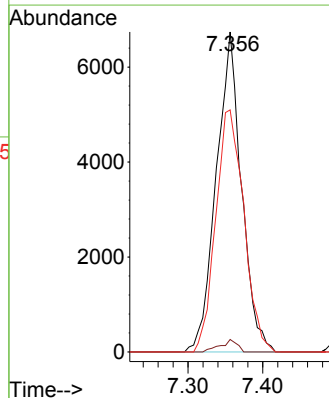
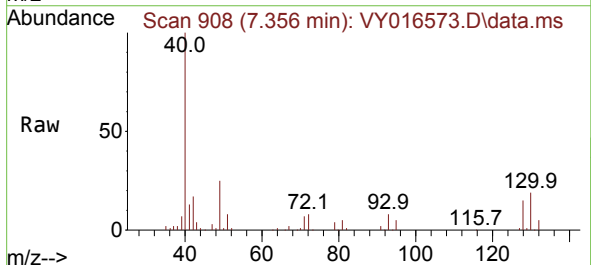
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

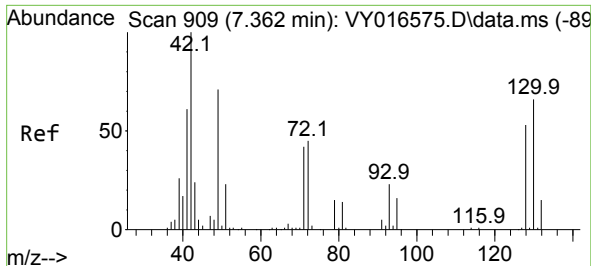
Tgt Ion:	96	Resp:	24926
Ion	Ratio	Lower	Upper
96	100		
61	142.2	0.0	301.4
98	63.7	0.0	130.4



#28
 Bromochloromethane
 Concen: 10.383 ug/l
 RT: 7.356 min Scan# 908
 Delta R.T. 0.006 min
 Lab File: VY016573.D
 Acq: 04 Dec 2023 12:45

Tgt Ion:	49	Resp:	15841
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	84.2	60.7	91.1





#29

Tetrahydrofuran

Concen: 45.954 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

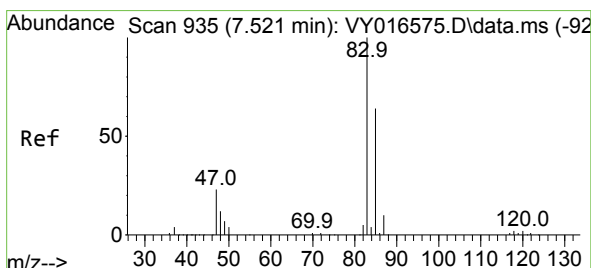
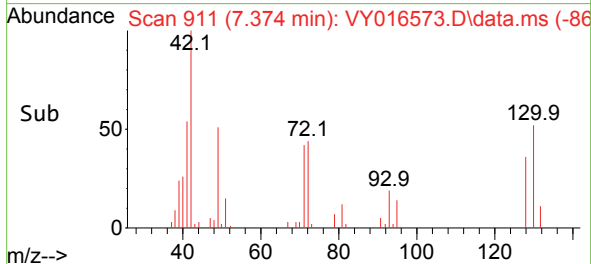
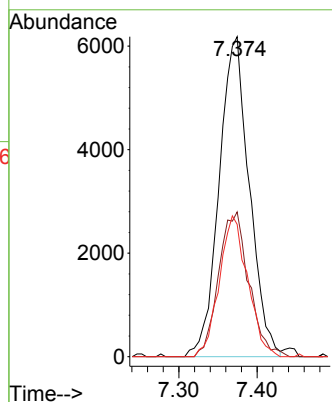
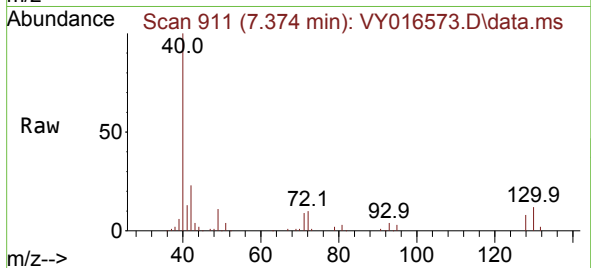
Tgt Ion: 42 Resp: 16563

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 41.4 31.0 46.4



#30

Chloroform

Concen: 10.469 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016573.D

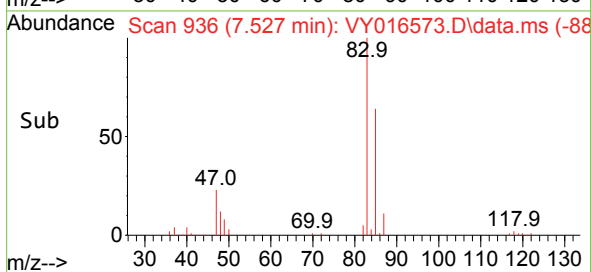
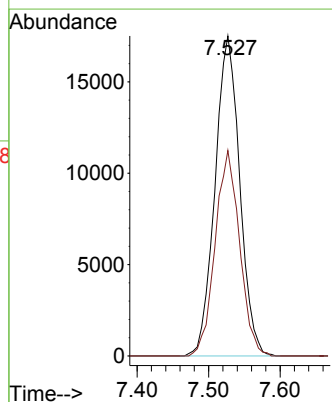
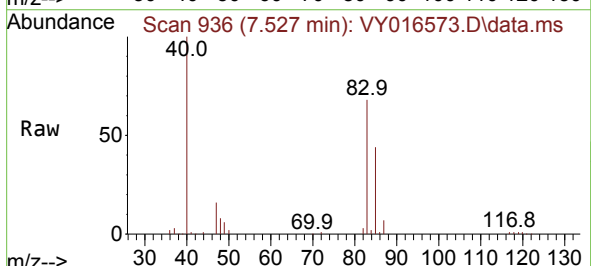
Acq: 04 Dec 2023 12:45

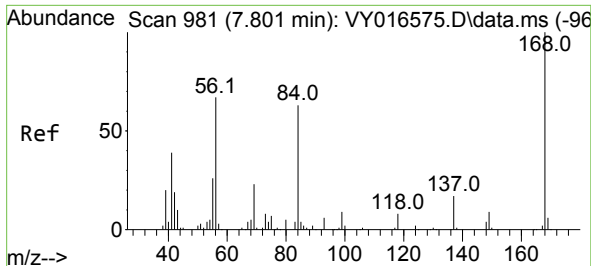
Tgt Ion: 83 Resp: 42033

Ion Ratio Lower Upper

83 100

85 64.2 49.7 74.5

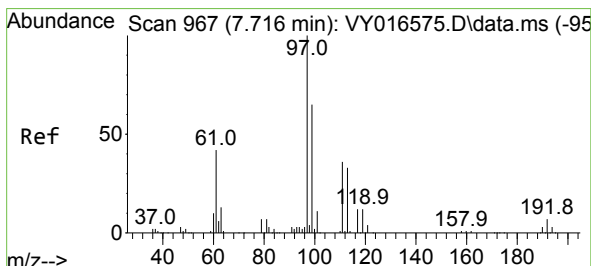
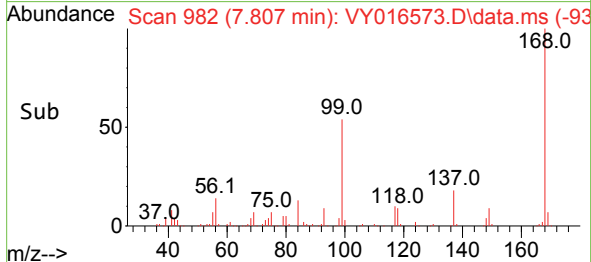
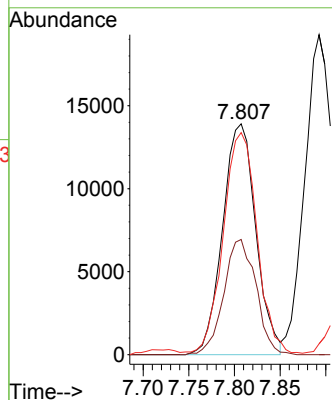
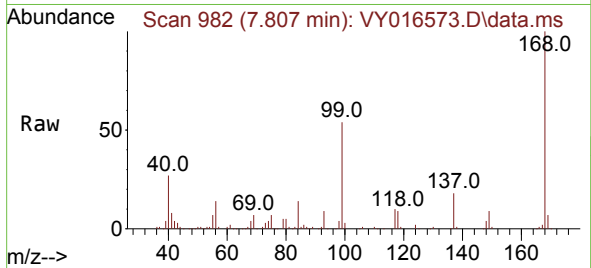




#31
Cyclohexane
Concen: 10.151 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

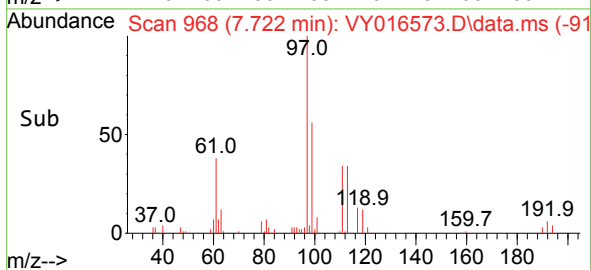
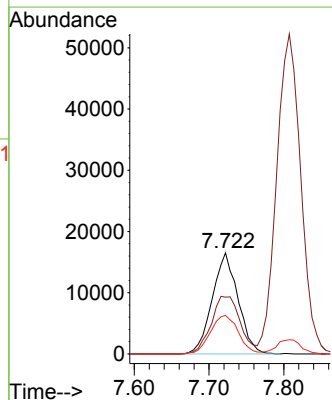
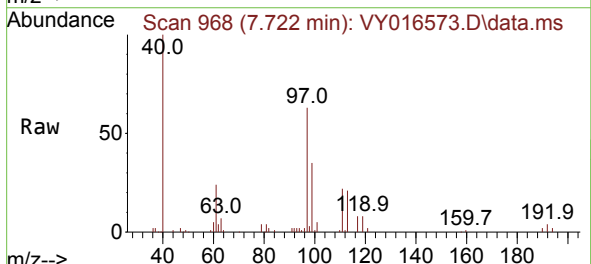
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

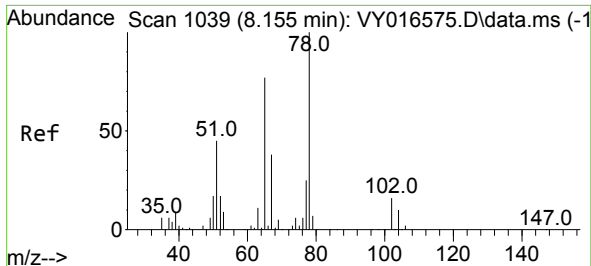
Tgt Ion: 56 Resp: 35207
Ion Ratio Lower Upper
56 100
69 49.9 27.8 41.6#
84 95.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 10.402 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 97 Resp: 39528
Ion Ratio Lower Upper
97 100
99 65.0 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 9.649 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

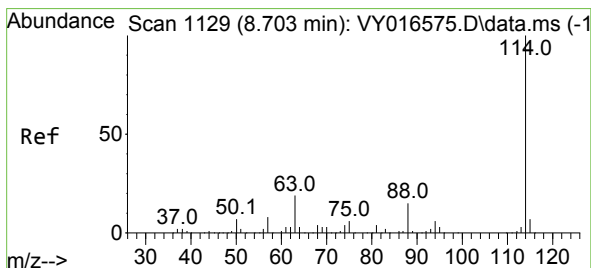
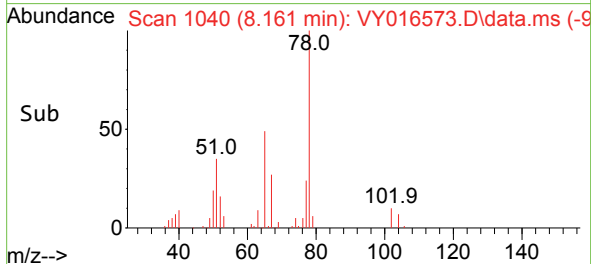
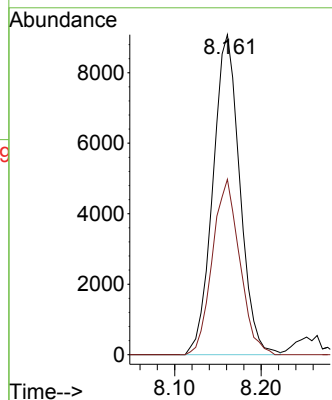
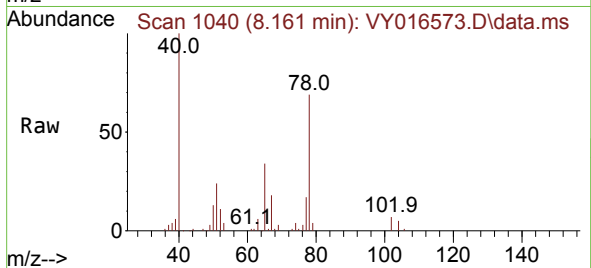
VSTDIC010

Tgt Ion: 65 Resp: 19603

Ion Ratio Lower Upper

65 100

67 55.6 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

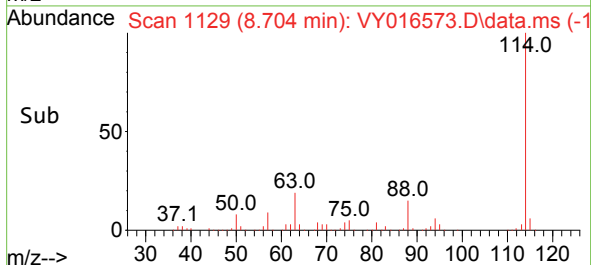
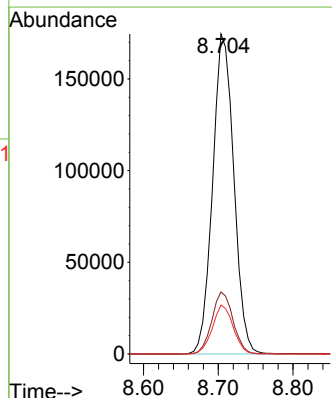
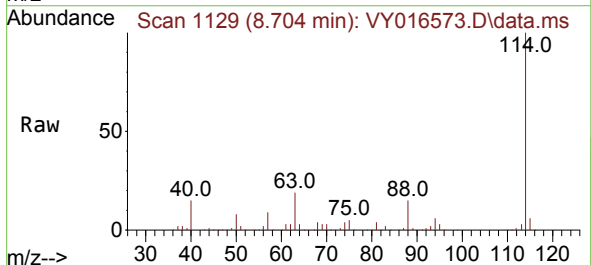
Tgt Ion: 114 Resp: 343732

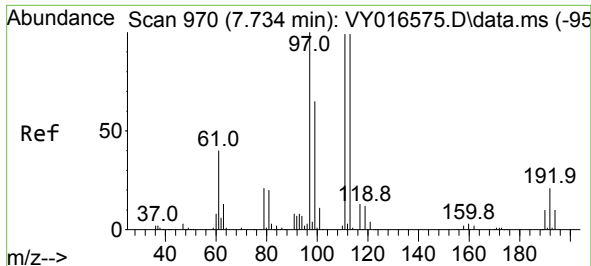
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

88 15.3 0.0 30.6

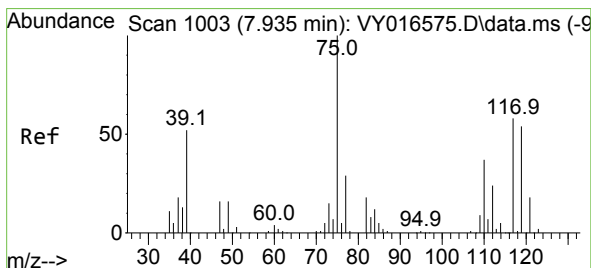
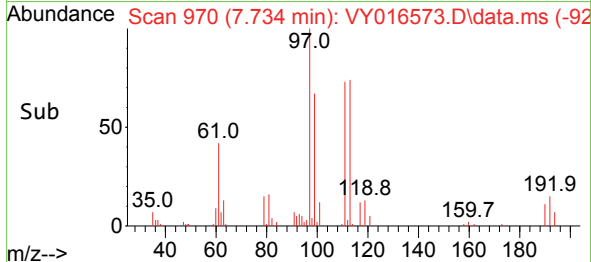
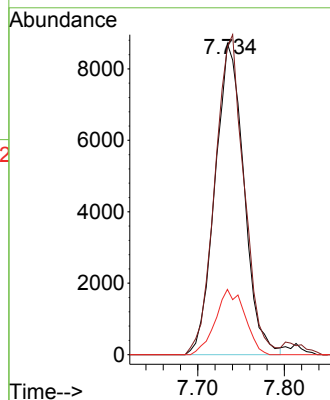
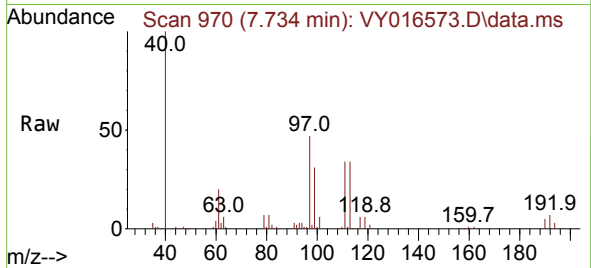




#35
Dibromofluoromethane
Concen: 9.771 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

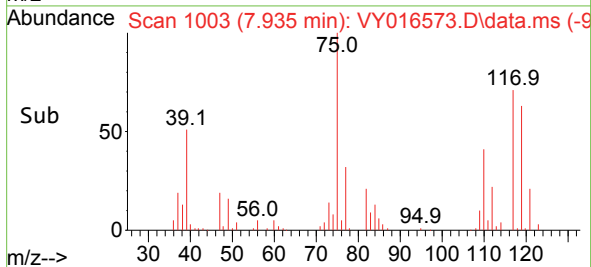
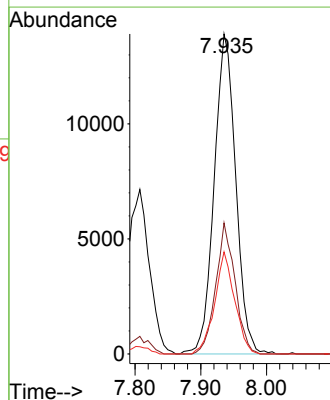
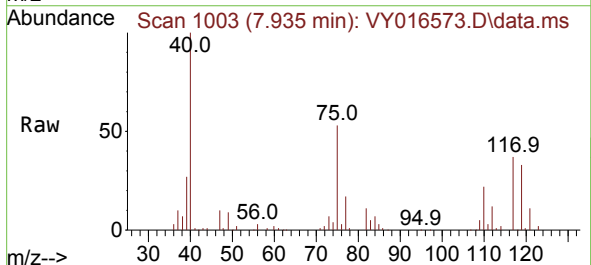
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

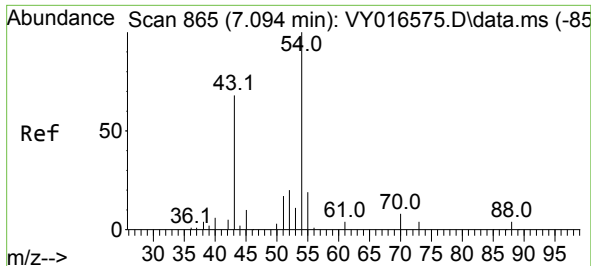
Tgt Ion:	113	Resp:	20212
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.3	121.9
192	21.3	16.9	25.3



#36
1,1-Dichloropropene
Concen: 10.101 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion:	75	Resp:	31763
Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.8	53.5
77	29.6	24.4	36.6

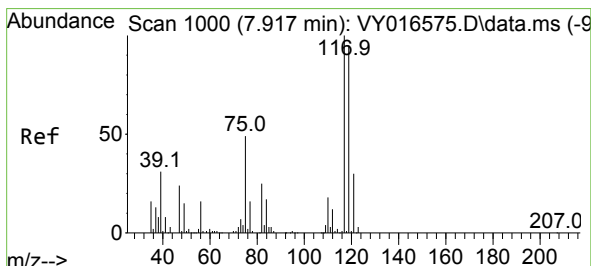
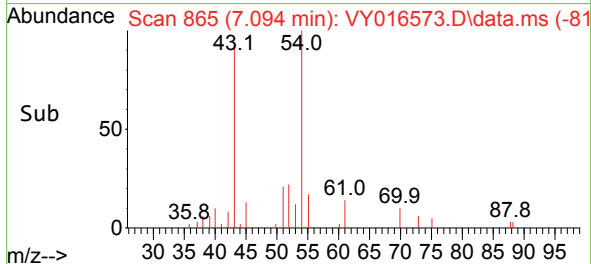
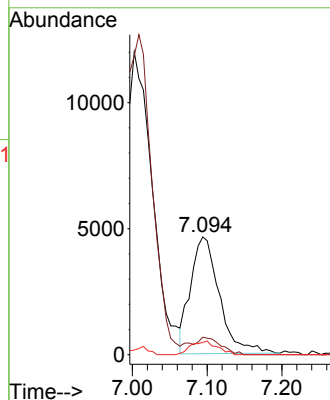
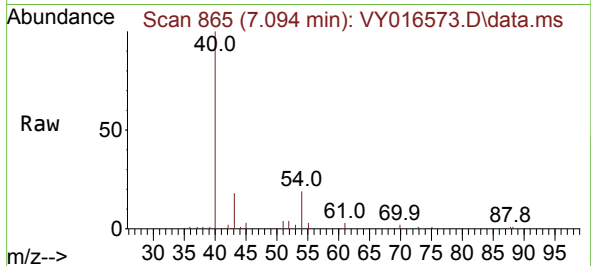




#37
Ethyl Acetate
Concen: 9.426 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

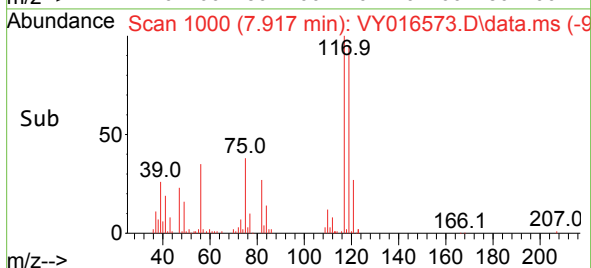
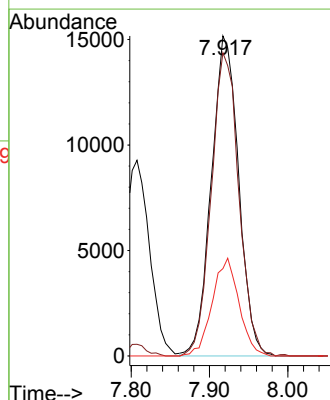
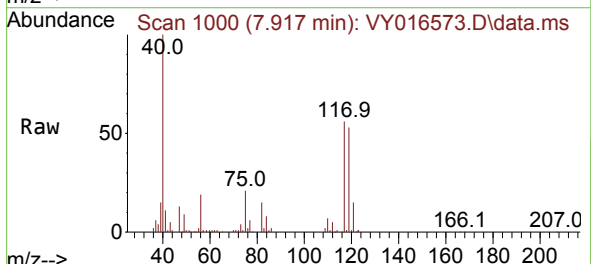
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

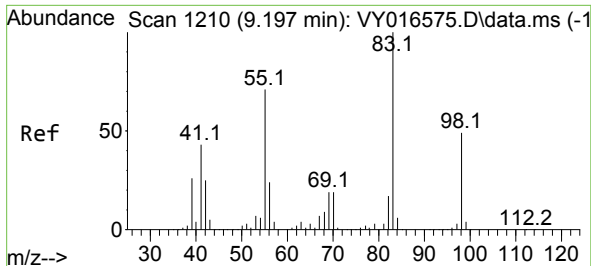
Tgt Ion: 43 Resp: 12402
Ion Ratio Lower Upper
43 100
61 11.7 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 10.093 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 117 Resp: 36742
Ion Ratio Lower Upper
117 100
119 94.8 76.4 114.6
121 27.3 25.8 38.6

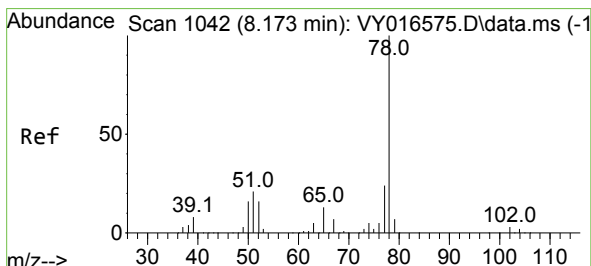
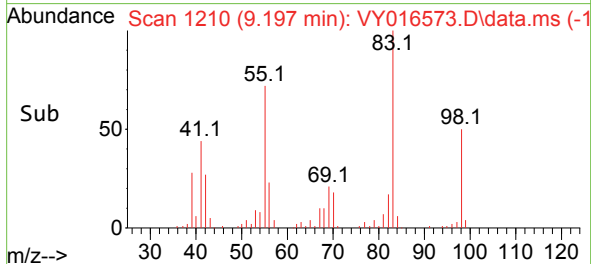
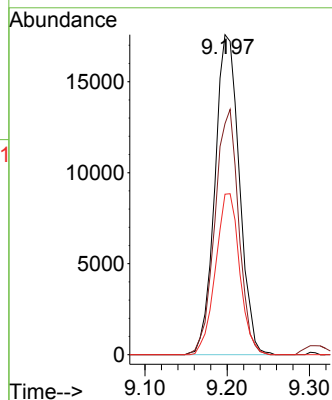
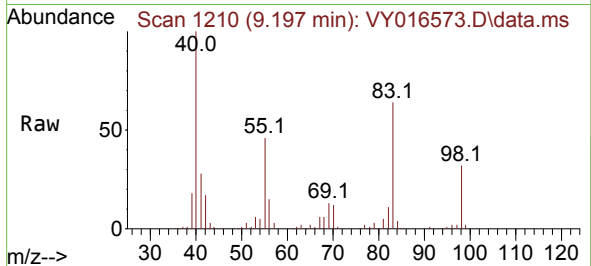




#39
Methylcyclohexane
Concen: 9.585 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

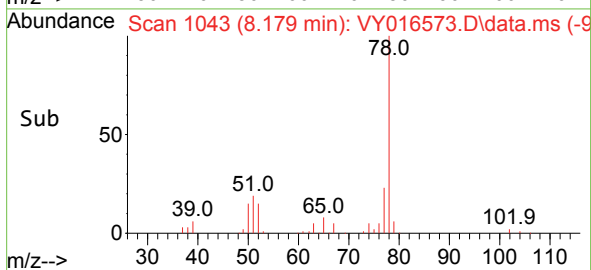
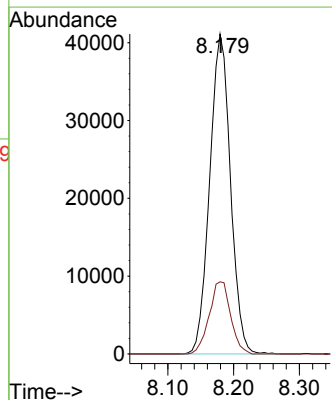
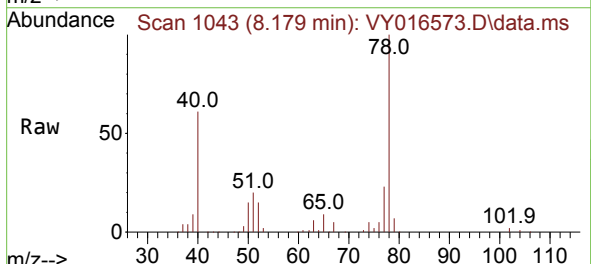
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

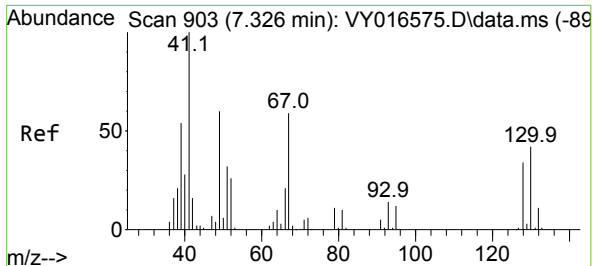
Tgt Ion: 83 Resp: 36312
Ion Ratio Lower Upper
83 100
55 72.2 63.0 94.4
98 50.1 37.4 56.2



#40
Benzene
Concen: 10.194 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 78 Resp: 90354
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6

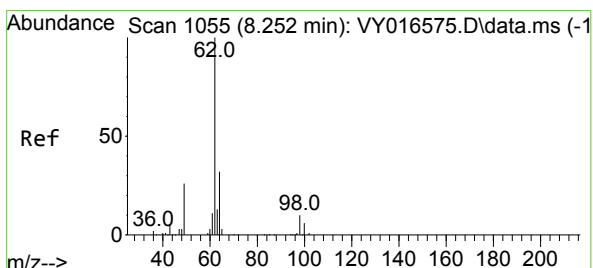
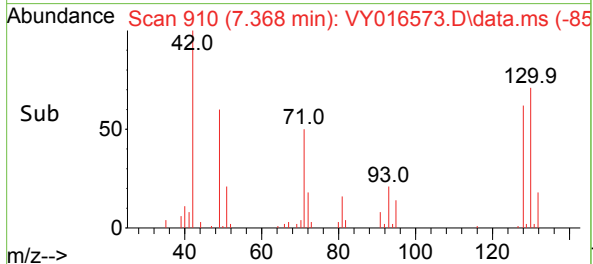
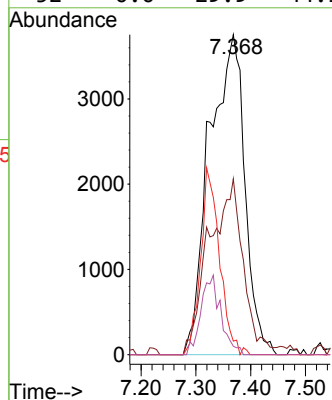
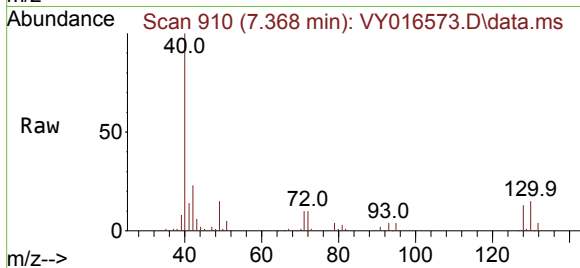




#41
Methacrylonitrile
Concen: 22.660 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

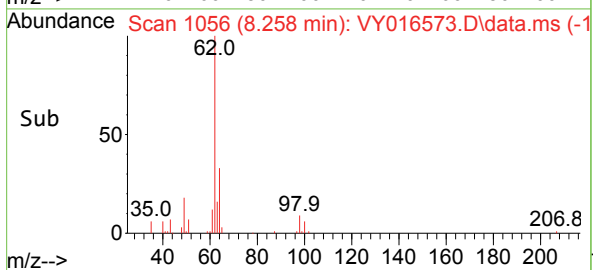
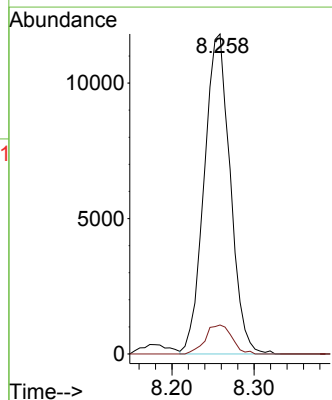
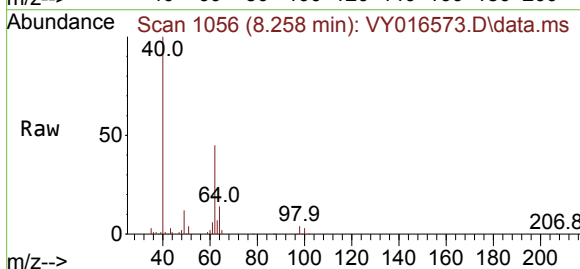
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

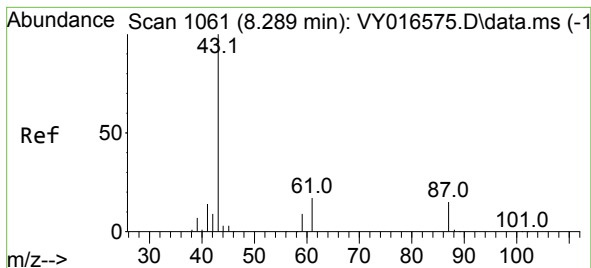
Tgt Ion:	41	Resp:	16790
Ion	Ratio	Lower	Upper
41	100		
39	52.9	52.1	78.1
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 10.085 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion:	62	Resp:	25955
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8





#43

Isopropyl Acetate

Concen: 9.168 ug/l

RT: 8.289 min Scan# 1061

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

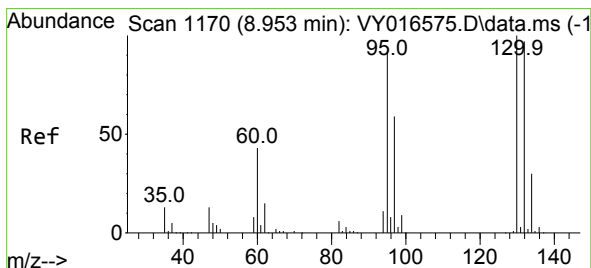
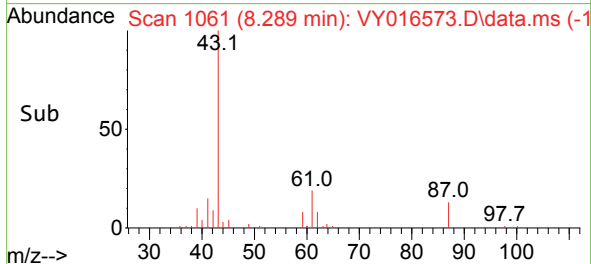
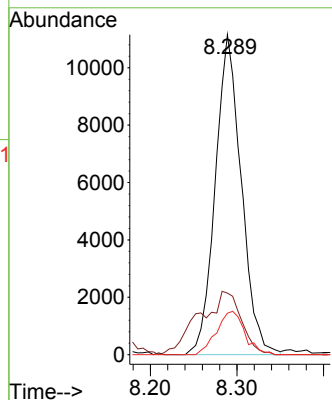
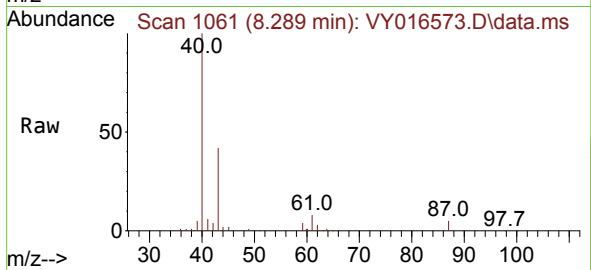
Tgt Ion: 43 Resp: 23272

Ion Ratio Lower Upper

43 100

61 20.7 21.1 31.7#

87 14.6 9.8 14.8



#44

Trichloroethene

Concen: 10.207 ug/l

RT: 8.960 min Scan# 1171

Delta R.T. 0.006 min

Lab File: VY016573.D

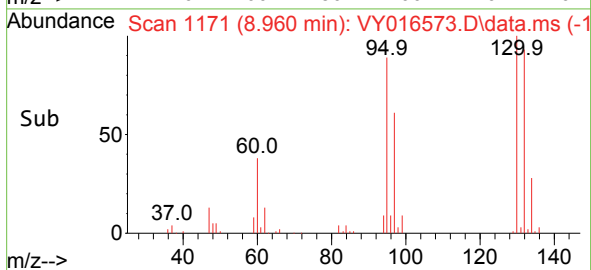
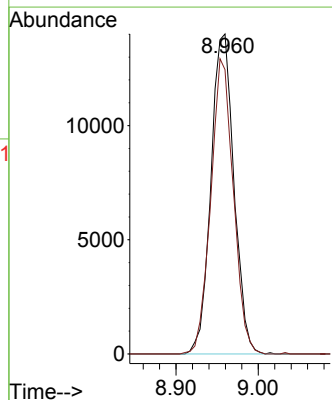
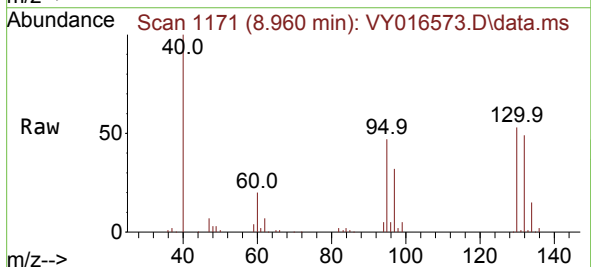
Acq: 04 Dec 2023 12:45

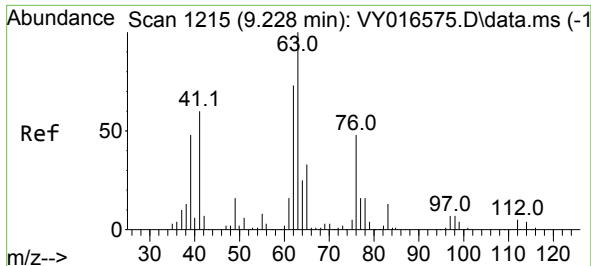
Tgt Ion:130 Resp: 27283

Ion Ratio Lower Upper

130 100

95 88.9 0.0 196.0





#45

1,2-Dichloropropane

Concen: 10.216 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

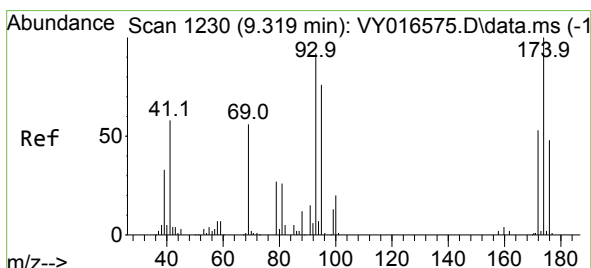
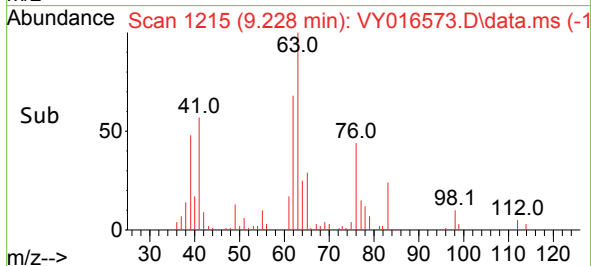
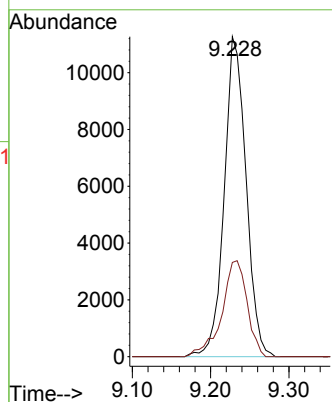
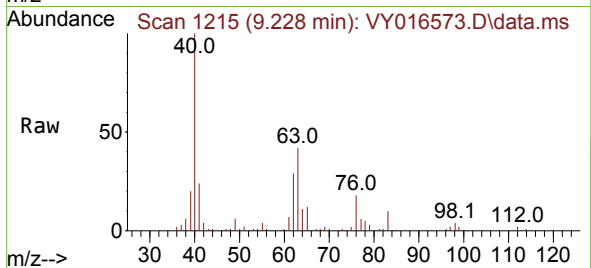
VSTDICC010

Tgt Ion: 63 Resp: 21799

Ion Ratio Lower Upper

63 100

65 29.4 23.8 35.6



#46

Dibromomethane

Concen: 10.063 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

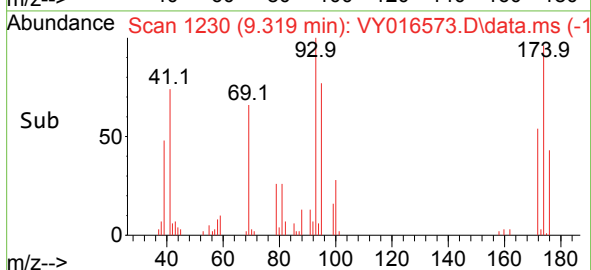
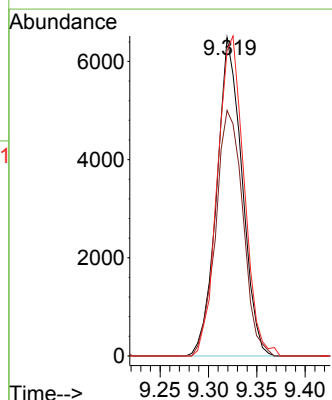
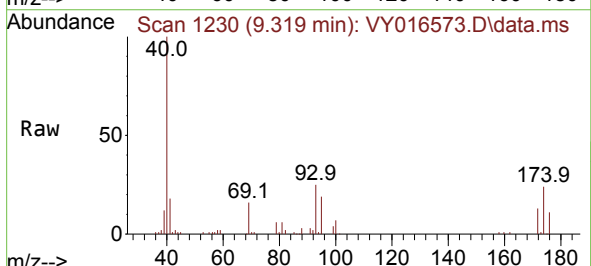
Tgt Ion: 93 Resp: 11772

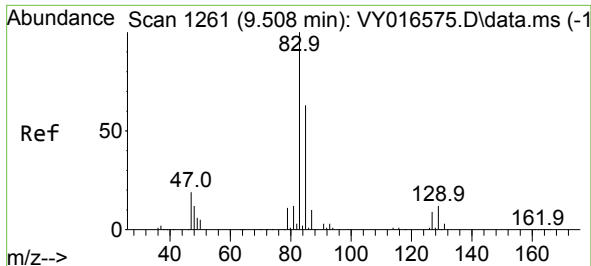
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 105.5 84.8 127.2

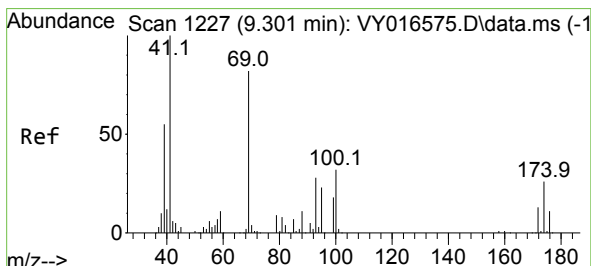
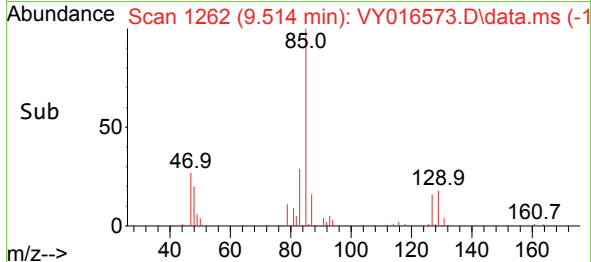
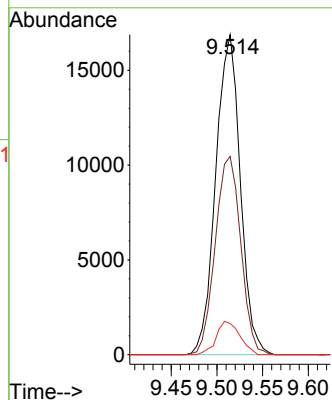
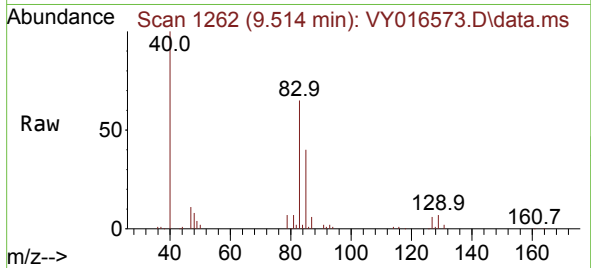




#47
Bromodichloromethane
Concen: 10.136 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

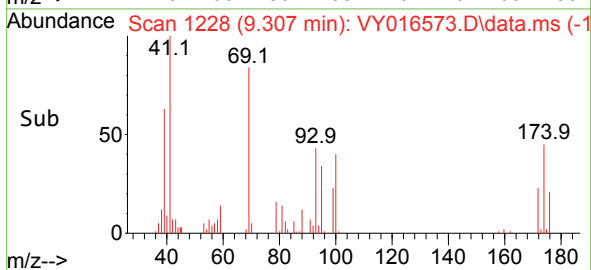
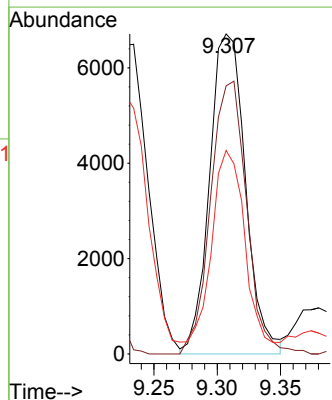
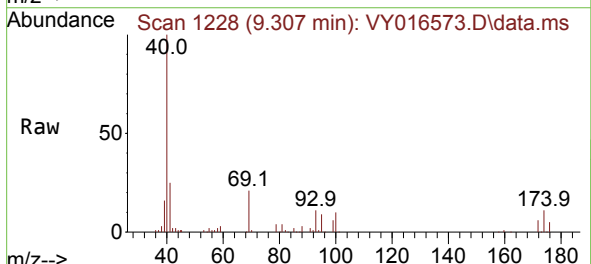
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

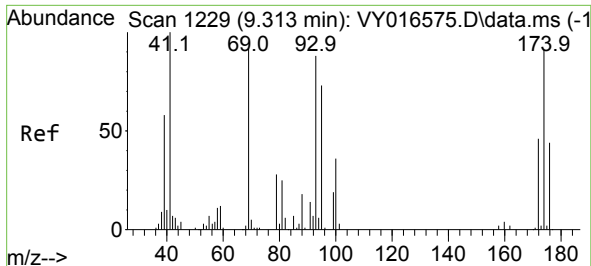
Tgt Ion: 83 Resp: 31567
Ion Ratio Lower Upper
83 100
85 61.9 50.1 75.1
127 9.8 7.1 10.7



#48
Methyl methacrylate
Concen: 9.044 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 41 Resp: 13257
Ion Ratio Lower Upper
41 100
69 85.5 64.5 96.7
39 54.0 50.8 76.2

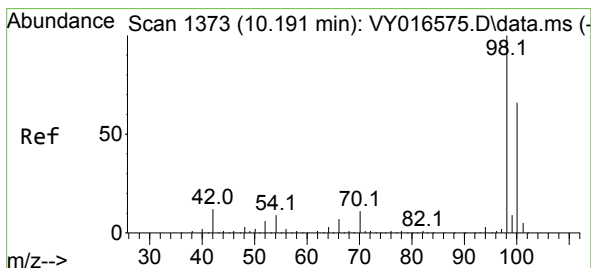
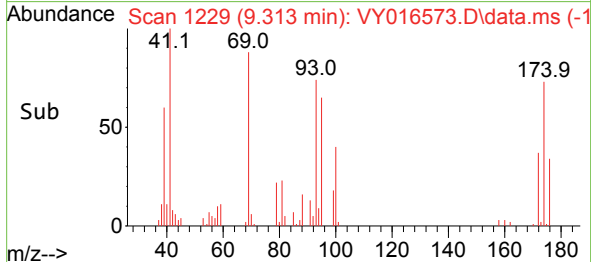
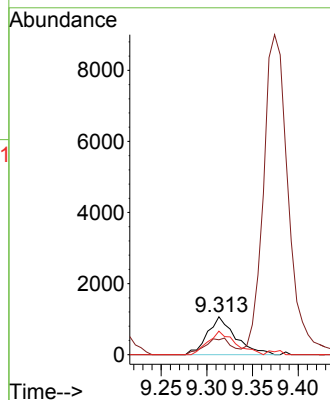
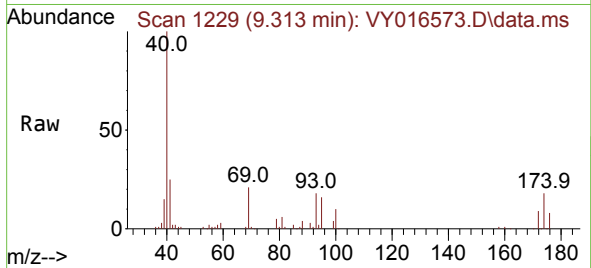




#49
1,4-Dioxane
Concen: 191.972 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

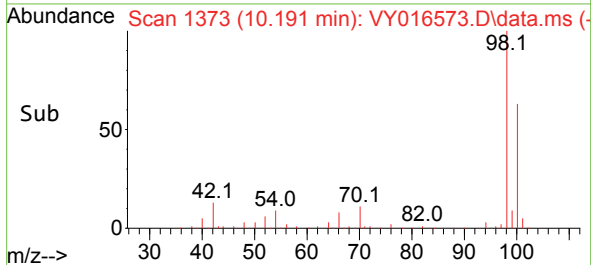
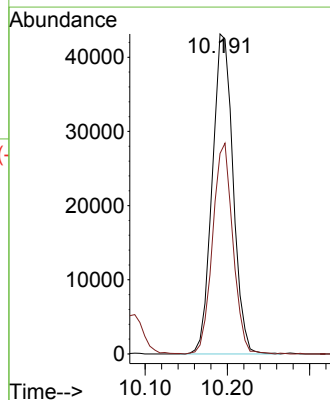
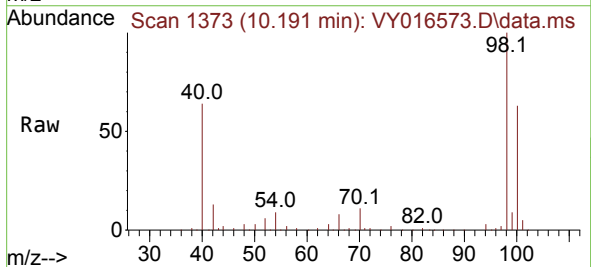
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

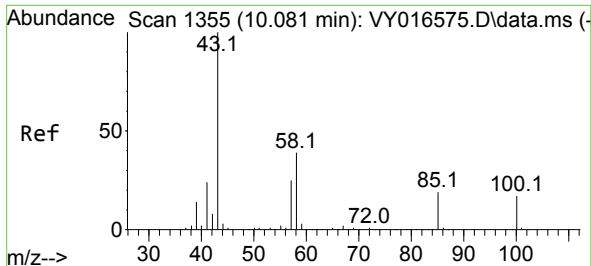
Tgt Ion: 88 Resp: 2273
Ion Ratio Lower Upper
88 100
43 42.1 0.0 0.0#
58 59.8 30.9 46.3#



#50
Toluene-d8
Concen: 9.697 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 98 Resp: 75878
Ion Ratio Lower Upper
98 100
100 64.1 50.1 75.1

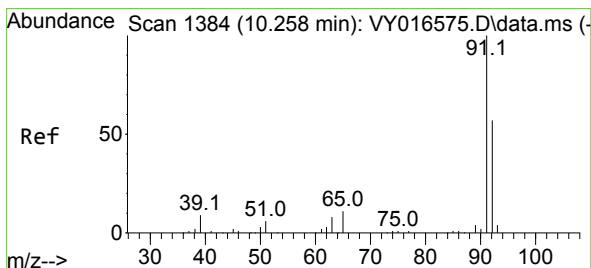
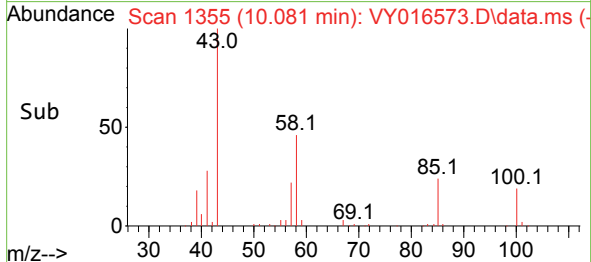
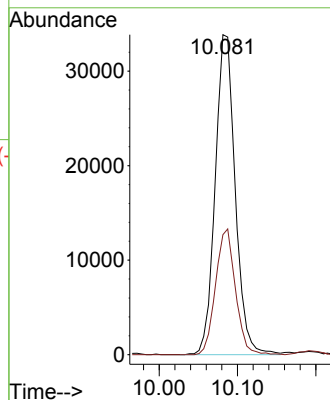
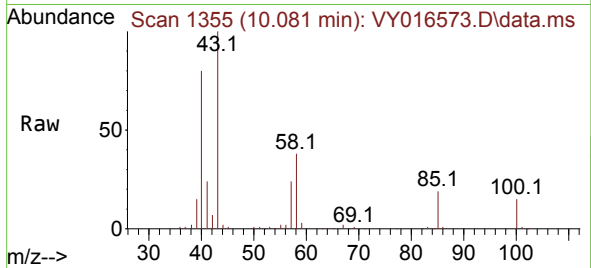




#51
4-Methyl-2-Pentanone
Concen: 45.683 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

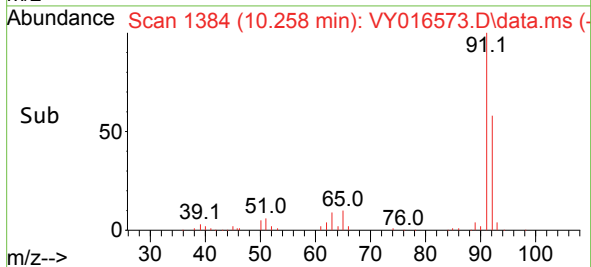
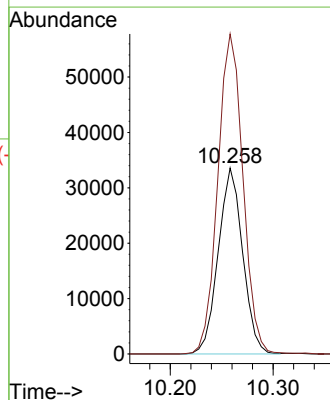
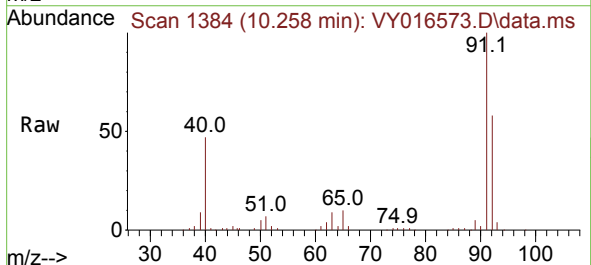
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

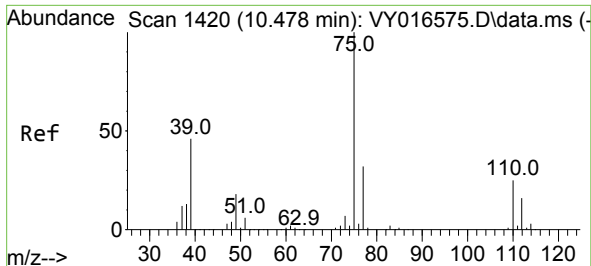
Tgt Ion: 43 Resp: 60261
Ion Ratio Lower Upper
43 100
58 38.9 29.0 43.6



#52
Toluene
Concen: 9.978 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 92 Resp: 55426
Ion Ratio Lower Upper
92 100
91 177.4 143.8 215.6

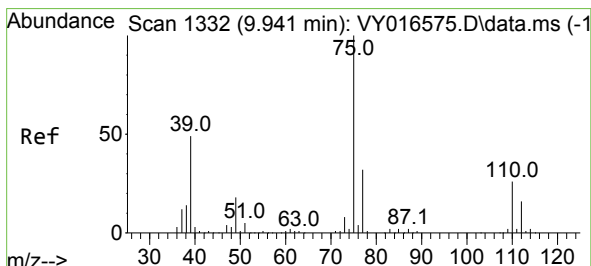
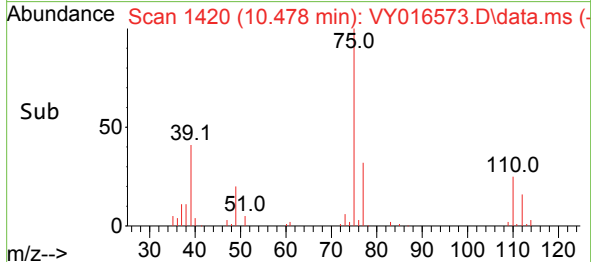
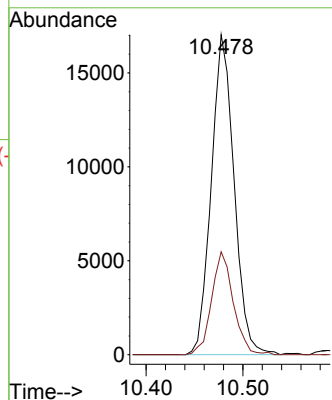
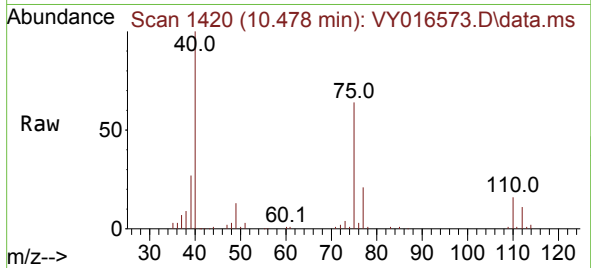




#53
t-1,3-Dichloropropene
Concen: 9.509 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

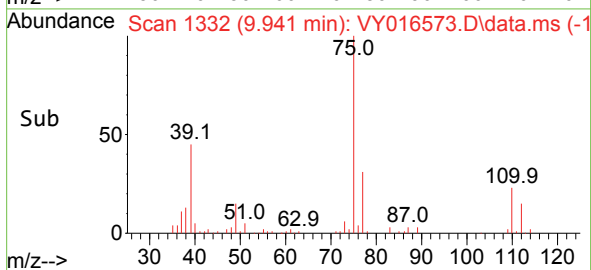
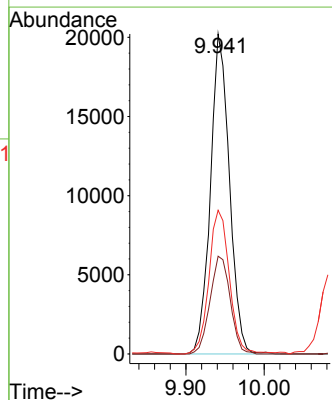
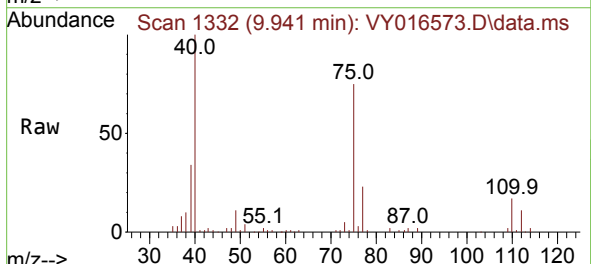
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

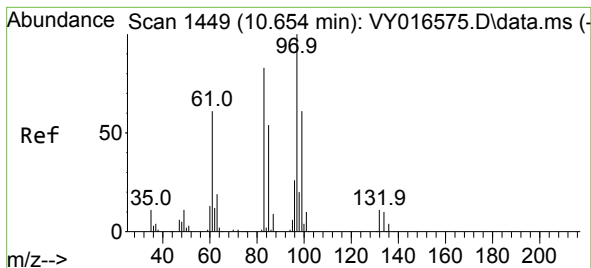
Tgt Ion: 75 Resp: 27947
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 9.874 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 75 Resp: 34083
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.4
39 44.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 9.892 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 16119

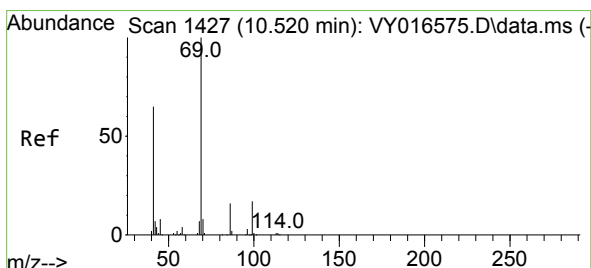
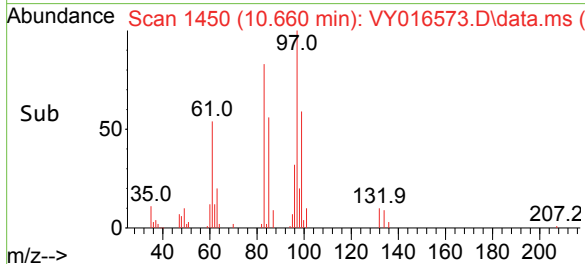
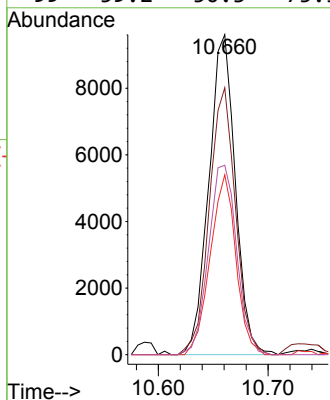
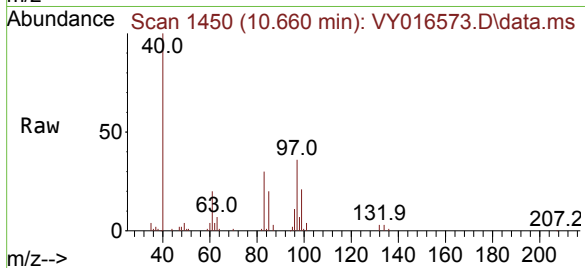
Ion Ratio Lower Upper

97 100

83 83.4 72.0 108.0

85 56.2 45.4 68.0

99 59.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 8.882 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

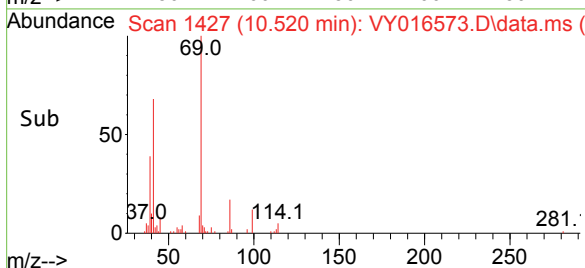
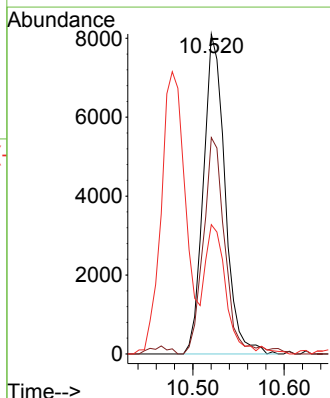
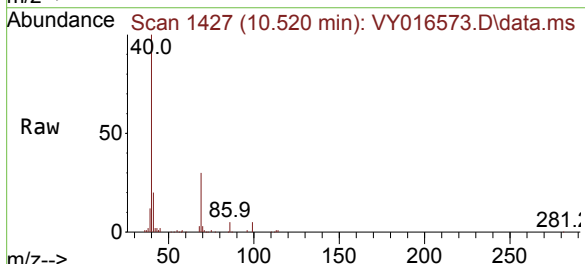
Tgt Ion: 69 Resp: 13267

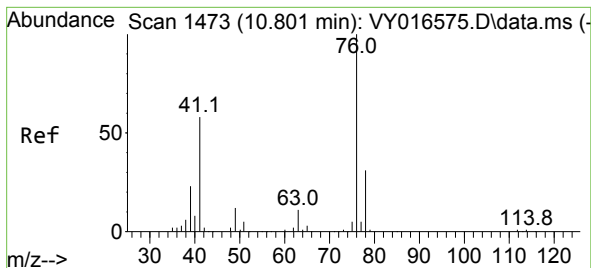
Ion Ratio Lower Upper

69 100

41 68.6 57.6 86.4

39 39.0 34.1 51.1





#57

1,3-Dichloropropane

Concen: 9.848 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

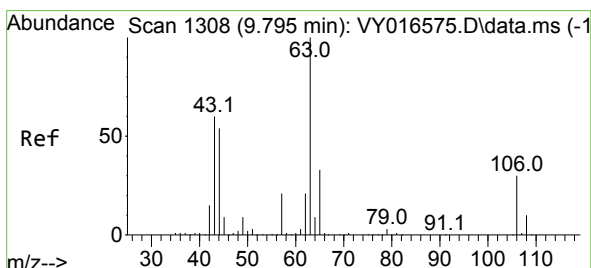
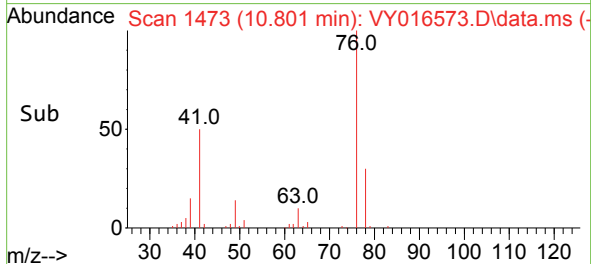
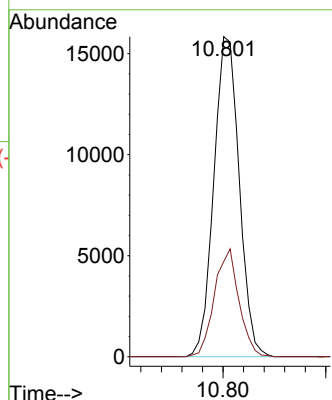
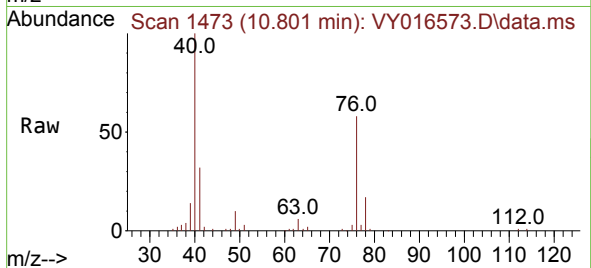
VSTDIC010

Tgt Ion: 76 Resp: 27108

Ion Ratio Lower Upper

76 100

78 32.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 43.885 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VY016573.D

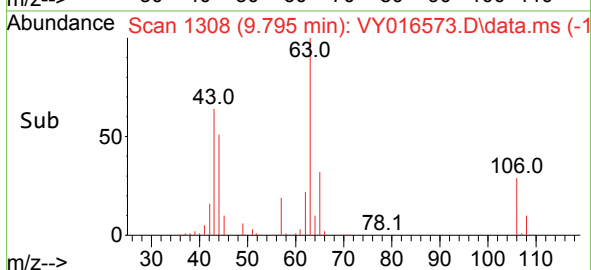
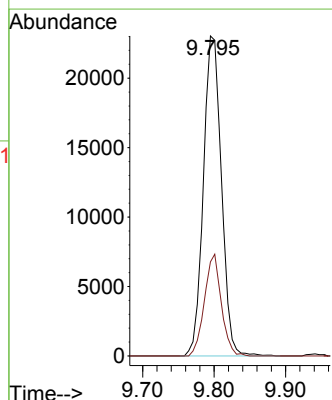
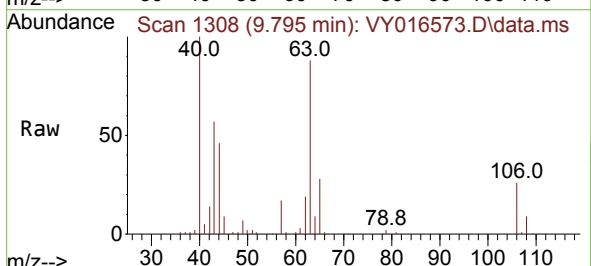
Acq: 04 Dec 2023 12:45

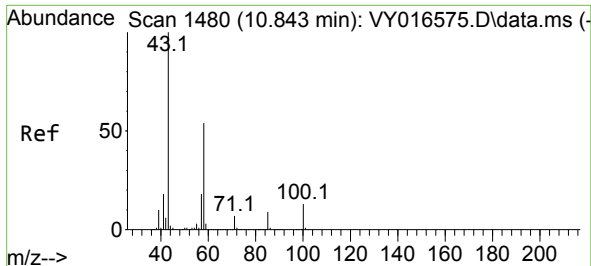
Tgt Ion: 63 Resp: 40395

Ion Ratio Lower Upper

63 100

106 29.8 21.2 31.8





#59

2-Hexanone

Concen: 47.642 ug/l

RT: 10.843 min Scan# 14

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

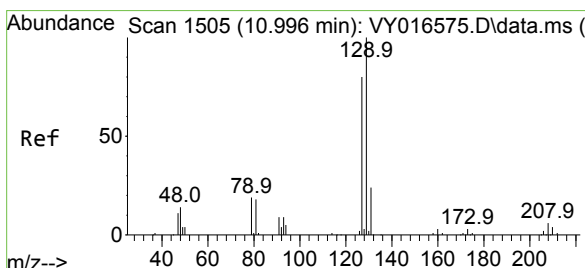
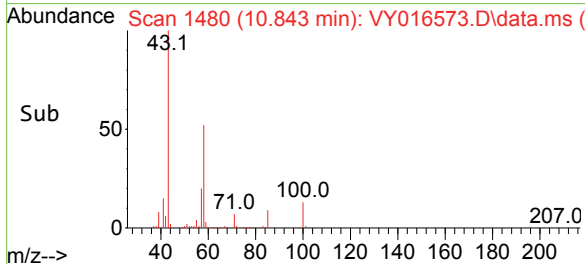
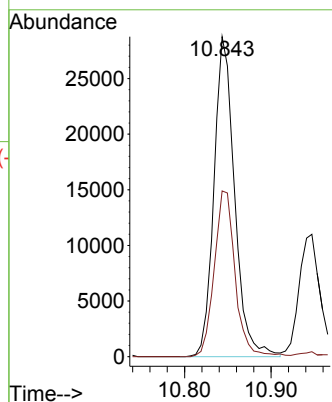
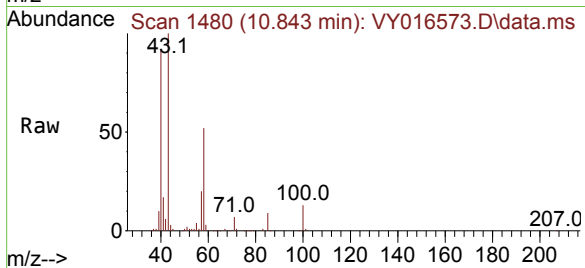
VSTDIC010

Tgt Ion: 43 Resp: 47541

Ion Ratio Lower Upper

43 100

58 52.6 25.1 75.3



#60

Dibromochloromethane

Concen: 9.790 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016573.D

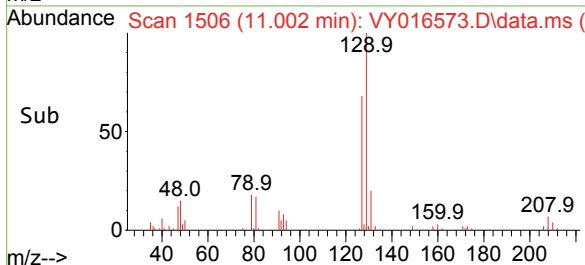
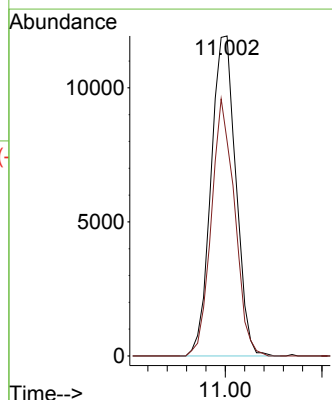
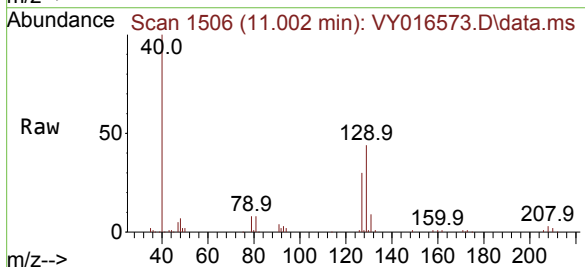
Acq: 04 Dec 2023 12:45

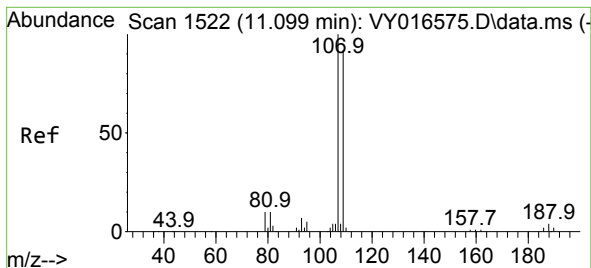
Tgt Ion:129 Resp: 21315

Ion Ratio Lower Upper

129 100

127 75.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 9.495 ug/l

RT: 11.099 min Scan# 1522

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

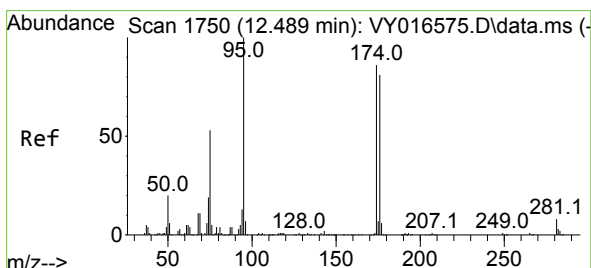
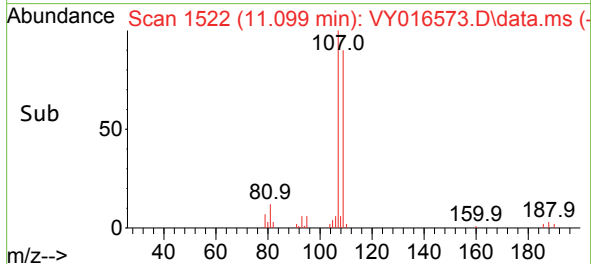
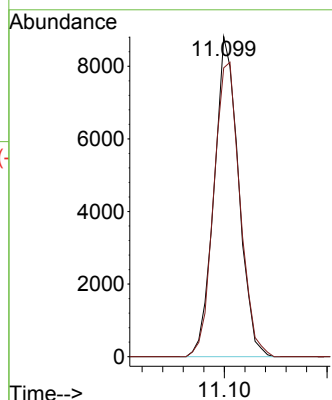
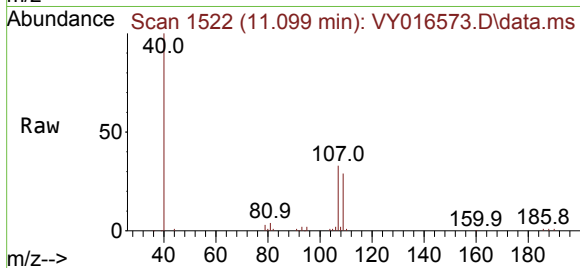
VSTDIC010

Tgt Ion:107 Resp: 14553

Ion Ratio Lower Upper

107 100

109 98.4 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 9.680 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

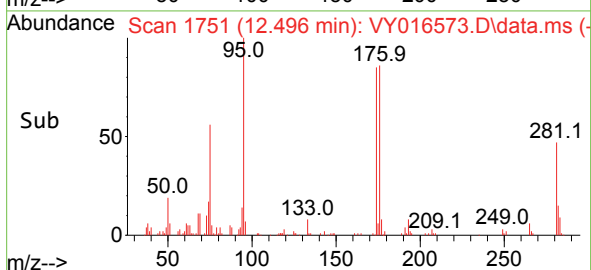
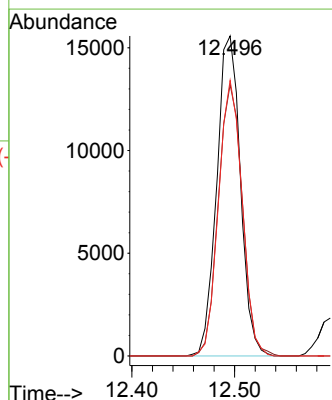
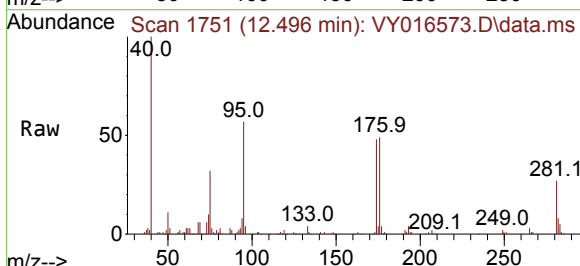
Tgt Ion: 95 Resp: 24908

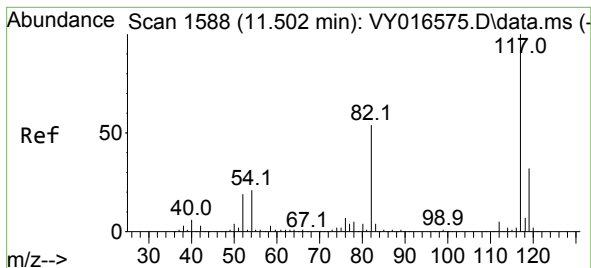
Ion Ratio Lower Upper

95 100

174 86.0 0.0 178.2

176 85.5 0.0 173.8

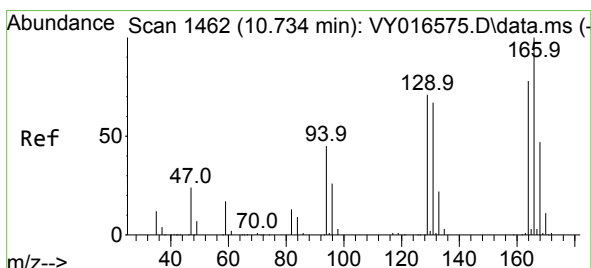
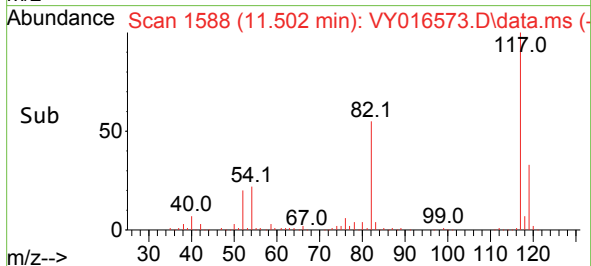
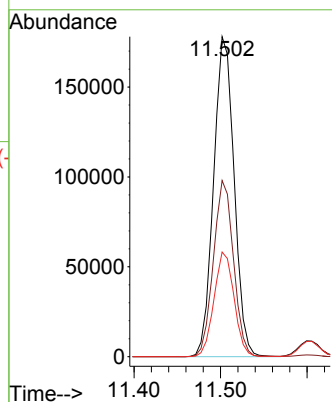
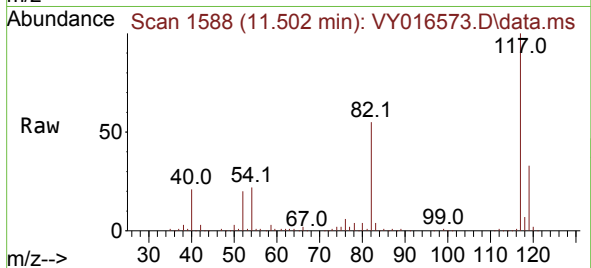




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

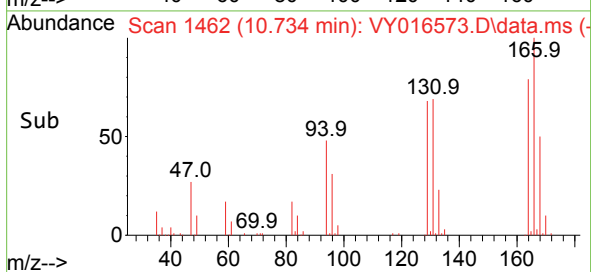
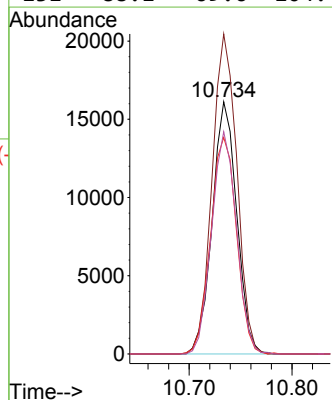
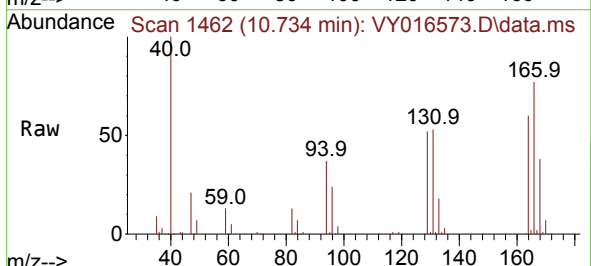
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

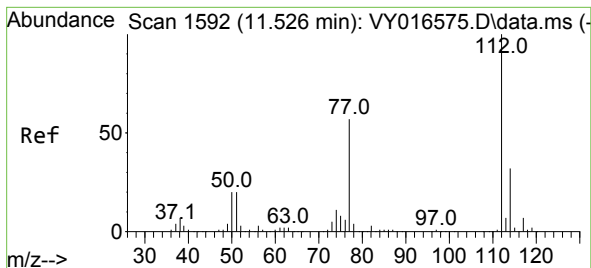
Tgt Ion:117 Resp: 292957
Ion Ratio Lower Upper
117 100
82 55.0 43.4 65.0
119 32.7 26.3 39.5



#64
Tetrachloroethene
Concen: 9.925 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion:164 Resp: 26647
Ion Ratio Lower Upper
164 100
166 126.9 103.0 154.6
129 85.8 77.2 115.8
131 88.1 69.6 104.4





#65

Chlorobenzene

Concen: 10.106 ug/l

RT: 11.532 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

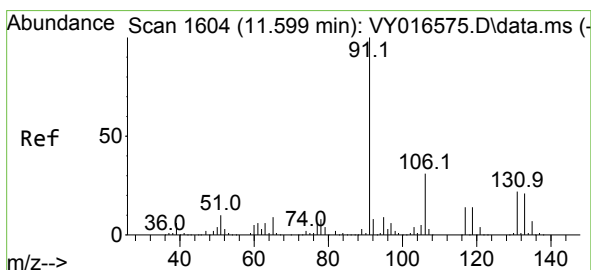
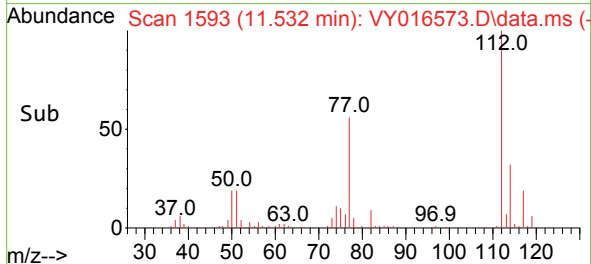
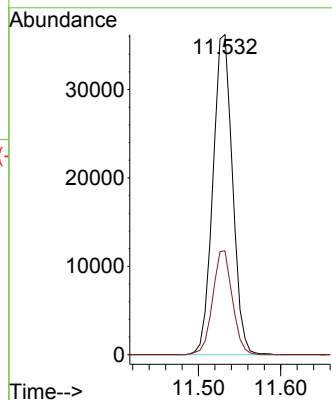
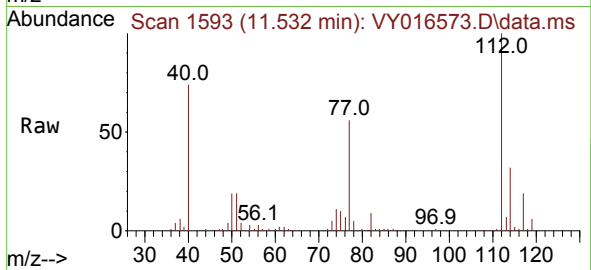
VSTDIC010

Tgt Ion:112 Resp: 59967

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.175 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

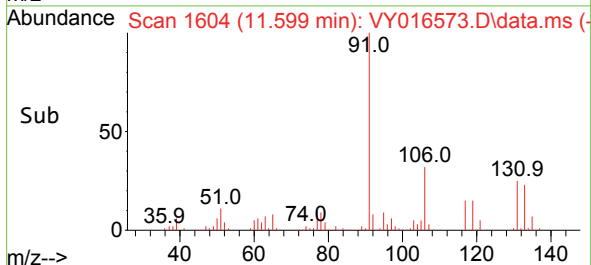
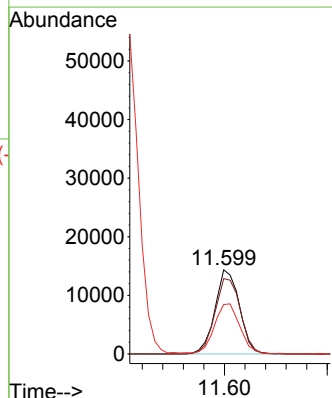
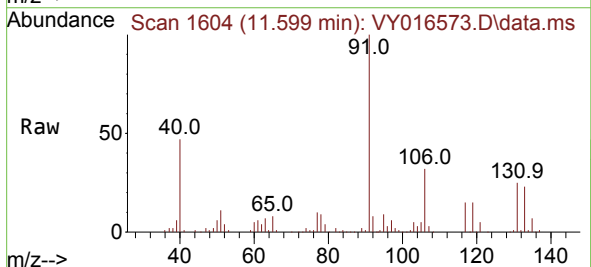
Tgt Ion:131 Resp: 23597

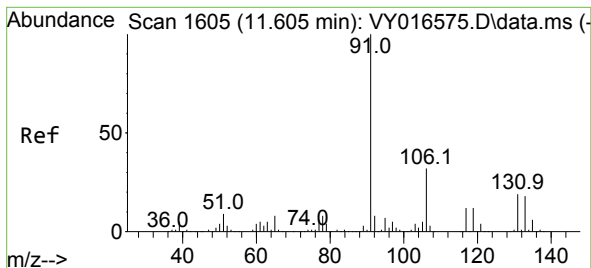
Ion Ratio Lower Upper

131 100

133 94.2 47.5 142.6

119 63.1 31.6 94.7





#67

Ethyl Benzene

Concen: 9.865 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

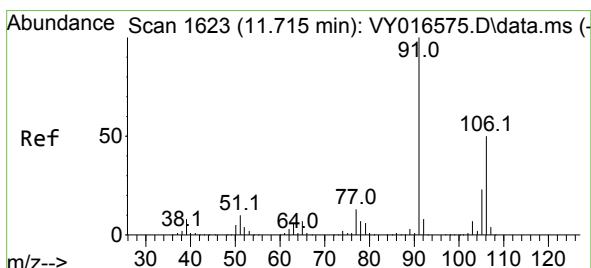
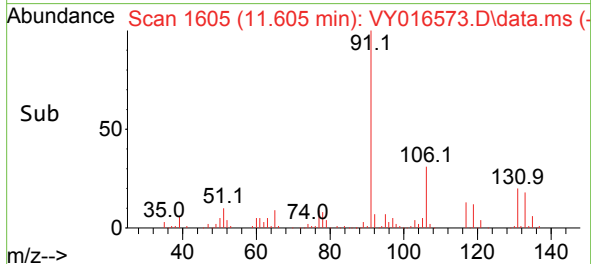
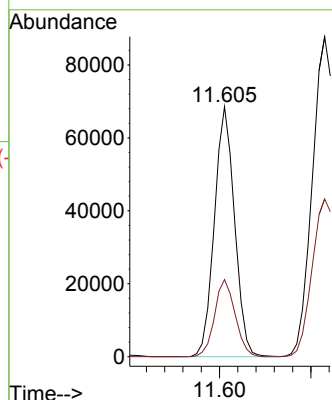
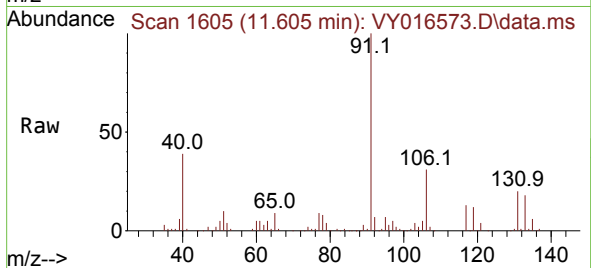
VSTDICC010

Tgt Ion: 91 Resp: 104975

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 20.036 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.000 min

Lab File: VY016573.D

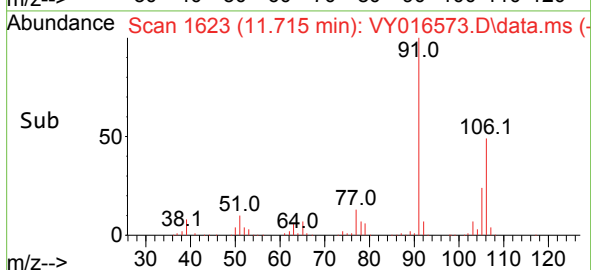
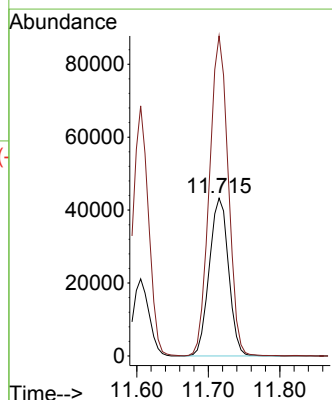
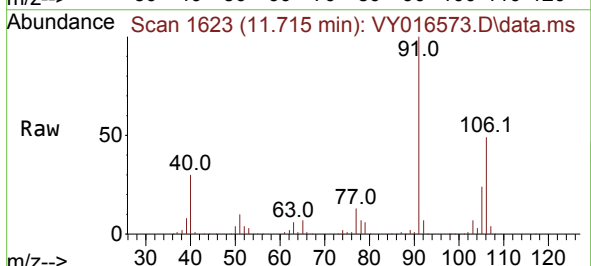
Acq: 04 Dec 2023 12:45

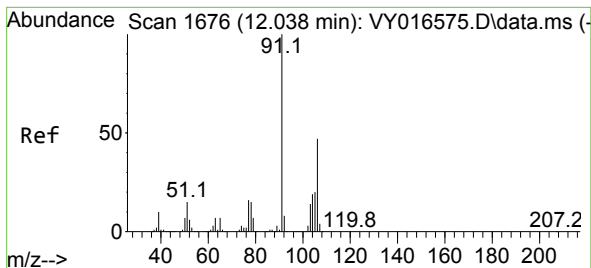
Tgt Ion: 106 Resp: 80940

Ion Ratio Lower Upper

106 100

91 198.4 166.1 249.1





#69

o-Xylene

Concen: 10.110 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

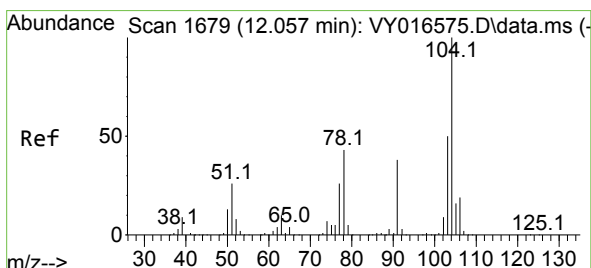
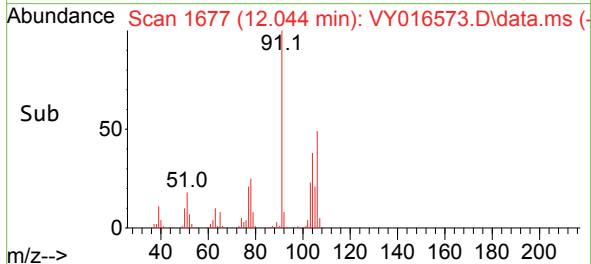
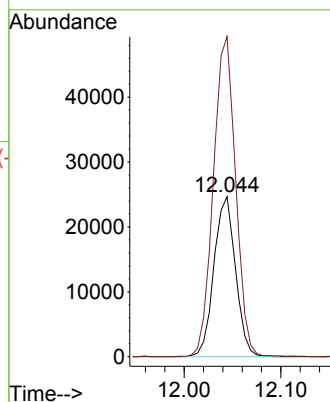
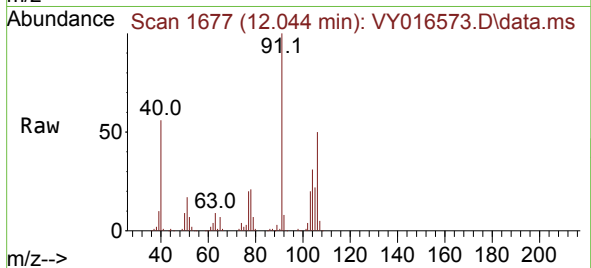
VSTDICC010

Tgt Ion:106 Resp: 38127

Ion Ratio Lower Upper

106 100

91 207.0 108.1 324.3



#70

Styrene

Concen: 9.608 ug/l

RT: 12.057 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

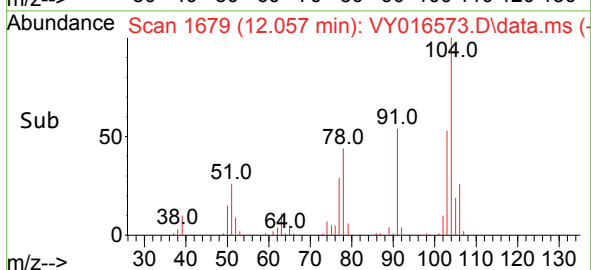
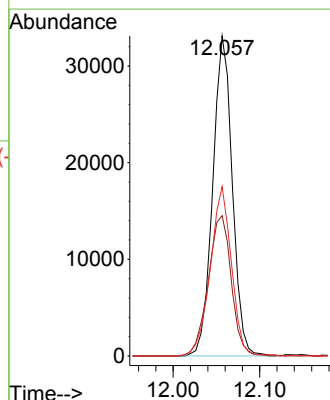
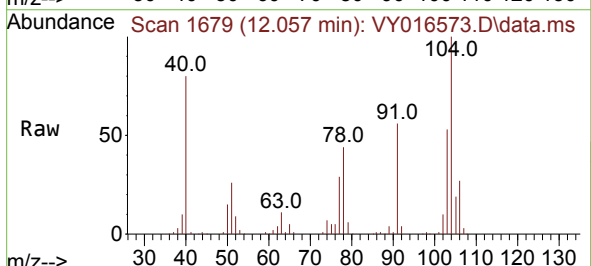
Tgt Ion:104 Resp: 51988

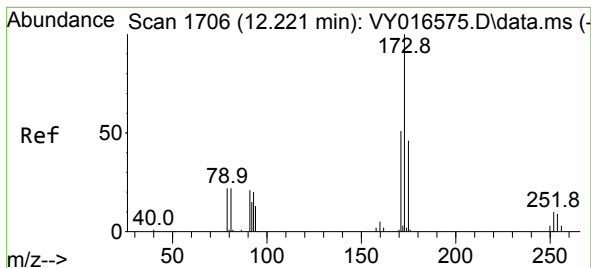
Ion Ratio Lower Upper

104 100

78 51.5 41.5 62.3

103 57.0 44.6 67.0





#71

Bromoform

Concen: 9.576 ug/l

RT: 12.221 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

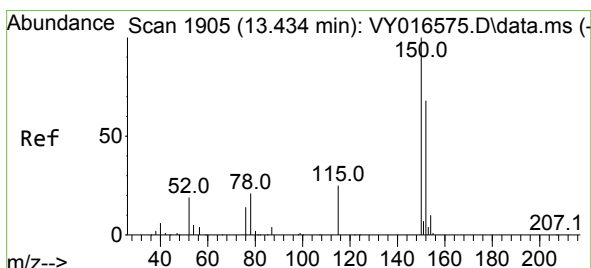
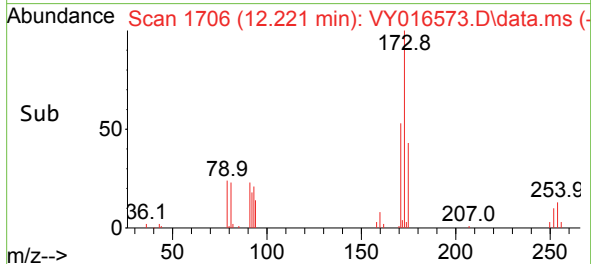
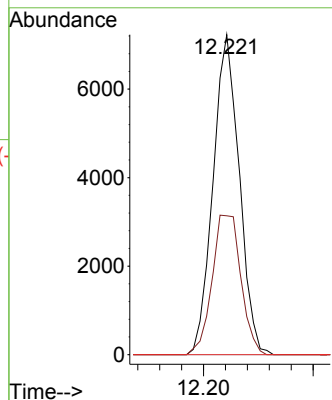
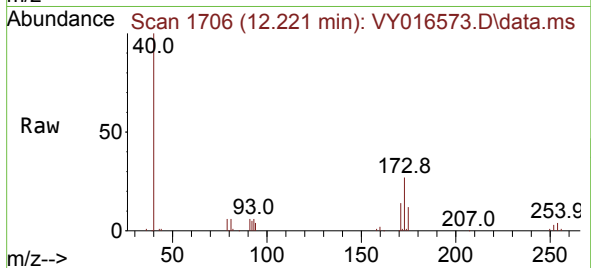
Tgt Ion:173 Resp: 11992

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 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: VY016573.D

Acq: 04 Dec 2023 12:45

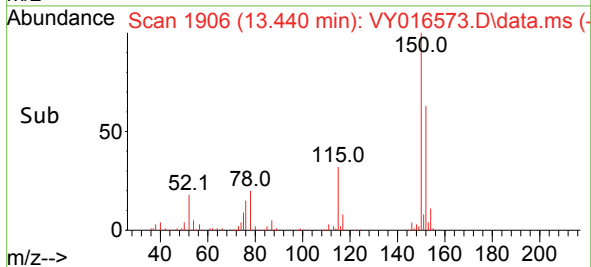
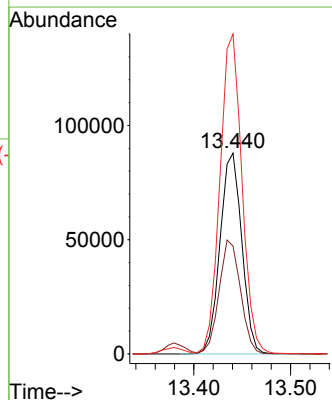
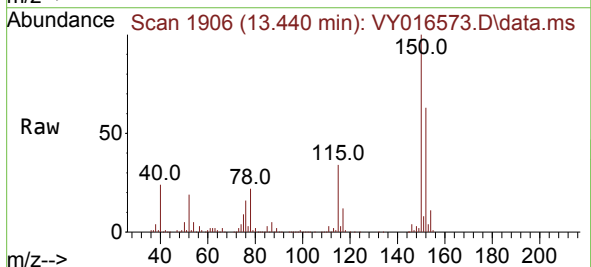
Tgt Ion:152 Resp: 137169

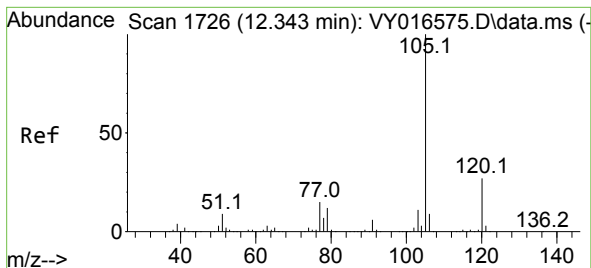
Ion Ratio Lower Upper

152 100

115 55.7 28.8 86.5

150 160.9 0.0 348.8





#73

Isopropylbenzene

Concen: 10.154 ug/l

RT: 12.343 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

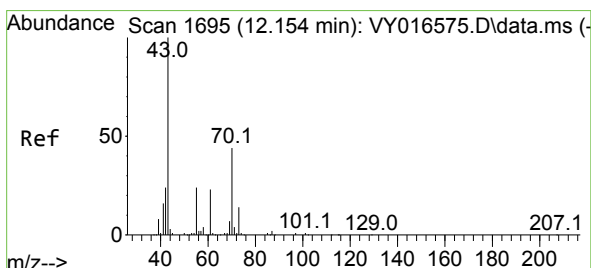
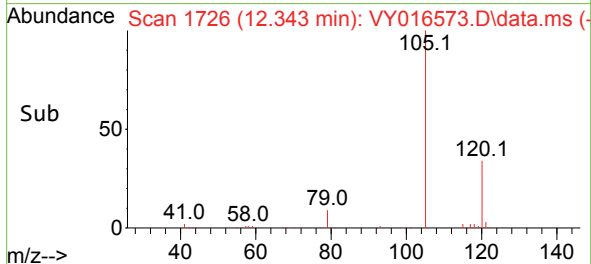
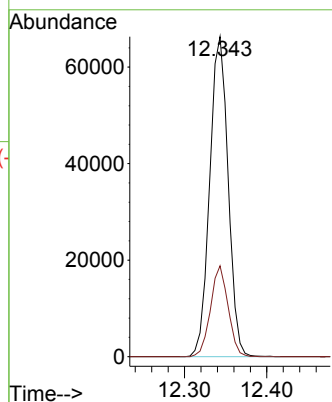
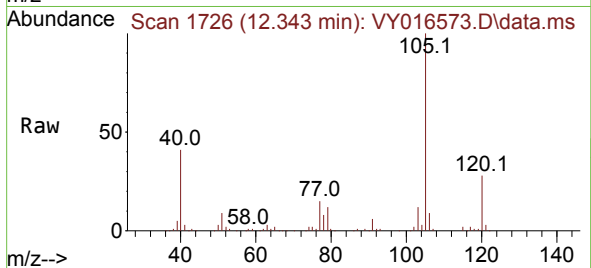
VSTDICC010

Tgt Ion:105 Resp: 103131

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 9.188 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Tgt Ion: 43 Resp: 18608

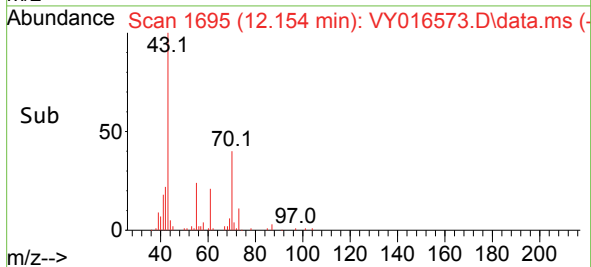
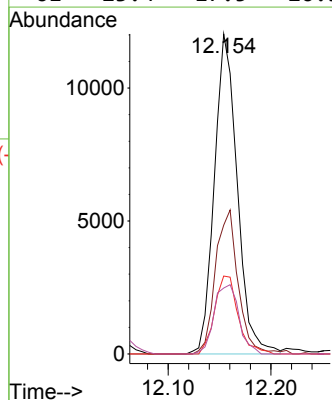
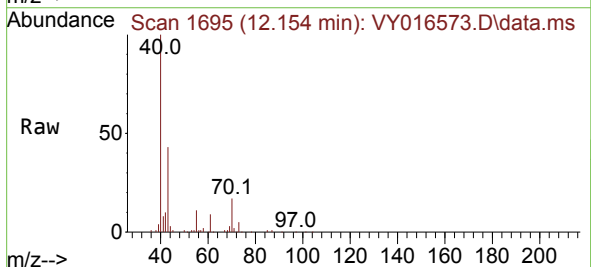
Ion Ratio Lower Upper

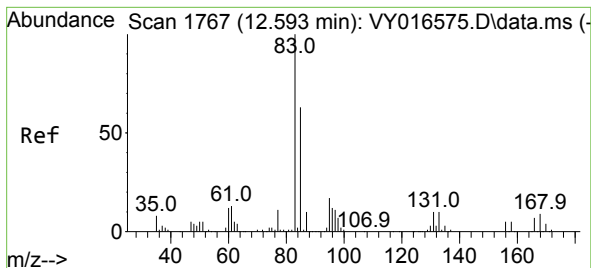
43 100

70 44.8 29.7 44.5

55 25.0 18.3 27.5

61 23.4 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 10.001 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

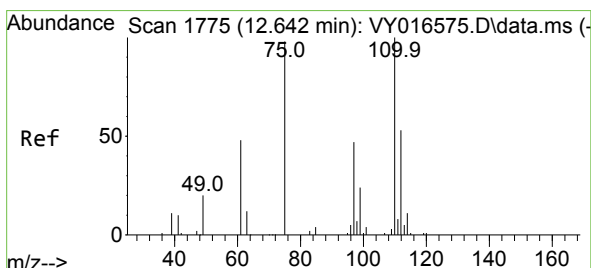
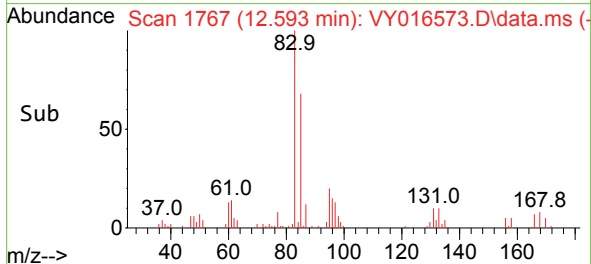
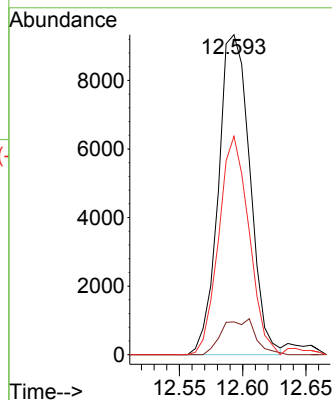
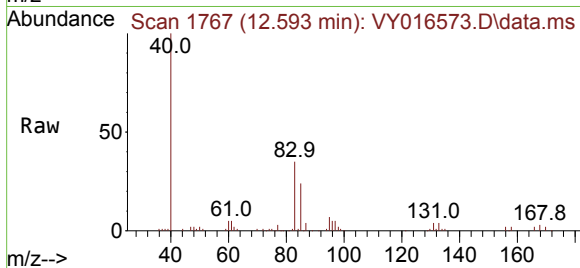
Tgt Ion: 83 Resp: 16157

Ion Ratio Lower Upper

83 100

131 11.9 5.4 16.2

85 65.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 16.907 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016573.D

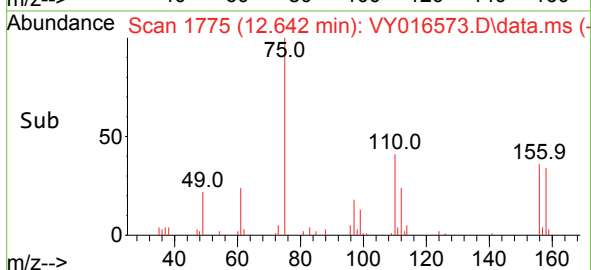
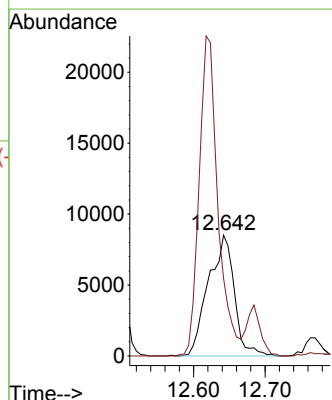
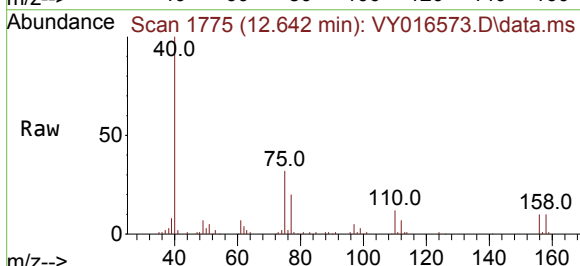
Acq: 04 Dec 2023 12:45

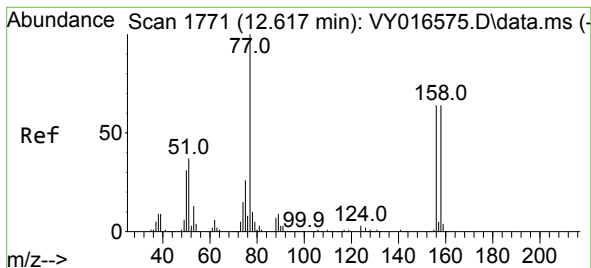
Tgt Ion: 75 Resp: 21472

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.222 ug/l

RT: 12.624 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

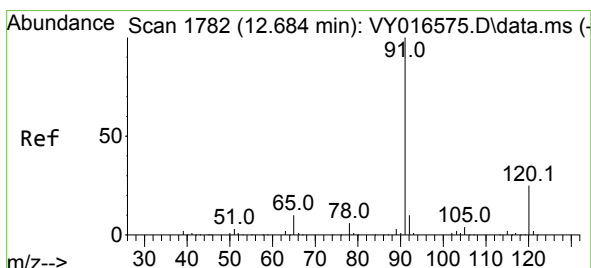
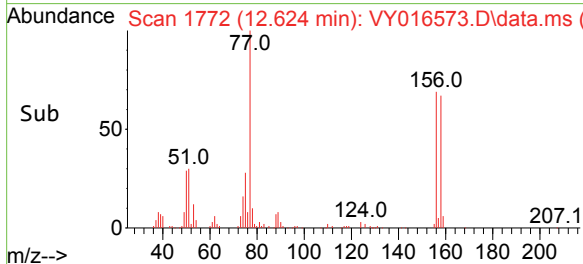
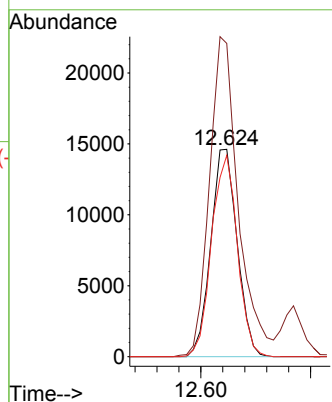
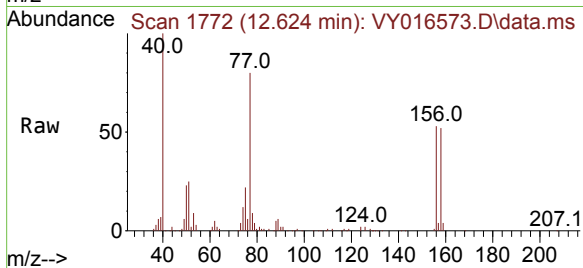
Tgt Ion:156 Resp: 24470

Ion Ratio Lower Upper

156 100

77 168.6 92.8 278.6

158 95.1 48.4 145.3



#78

n-propylbenzene

Concen: 10.093 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY016573.D

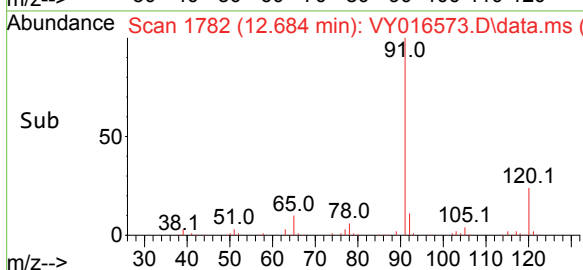
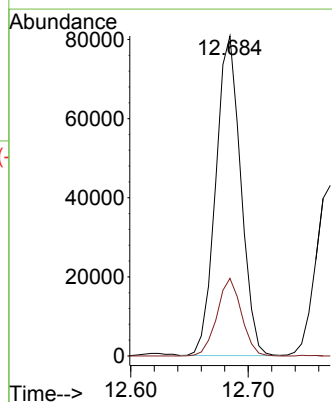
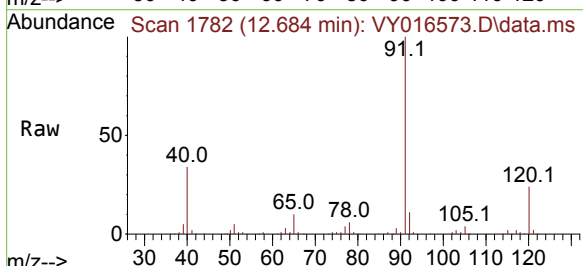
Acq: 04 Dec 2023 12:45

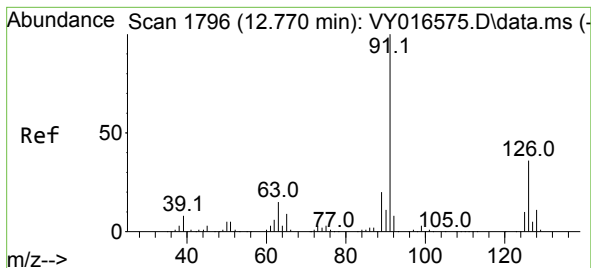
Tgt Ion: 91 Resp: 119323

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.198 ug/l

RT: 12.770 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

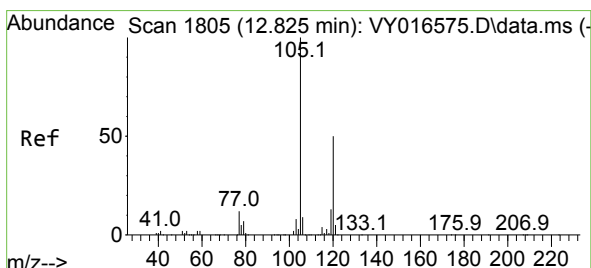
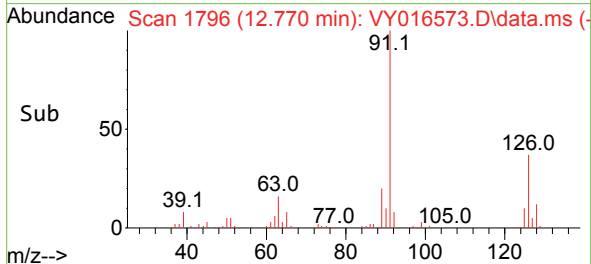
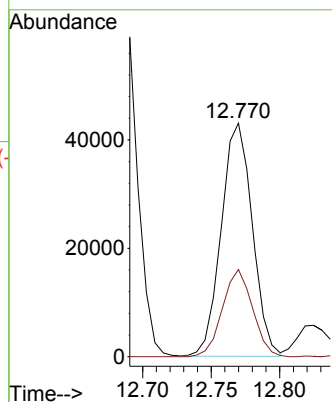
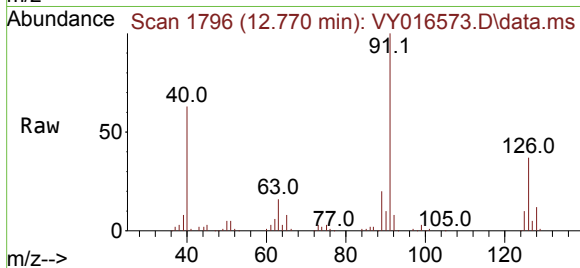
VSTDICC010

Tgt Ion: 91 Resp: 67938

Ion Ratio Lower Upper

91 100

126 36.1 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 10.078 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.000 min

Lab File: VY016573.D

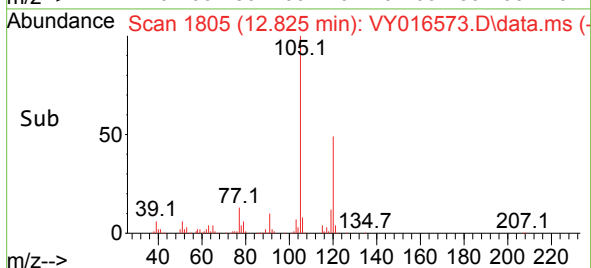
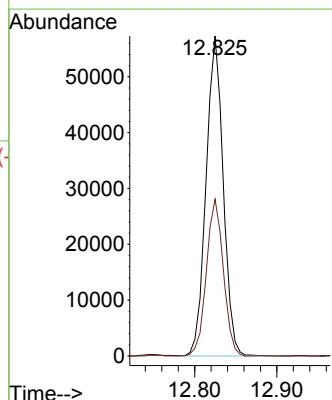
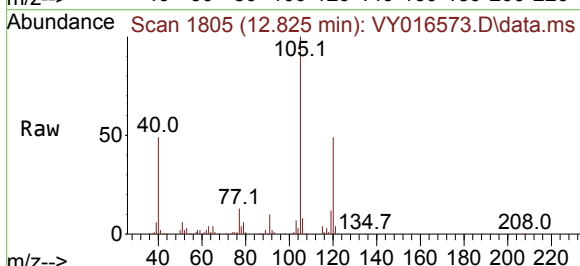
Acq: 04 Dec 2023 12:45

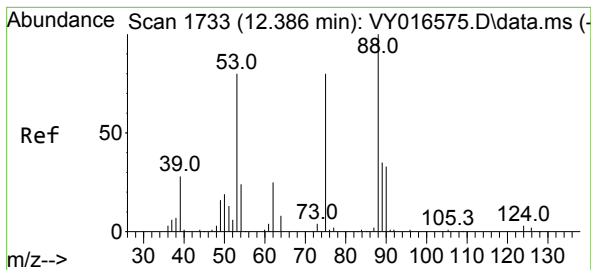
Tgt Ion: 105 Resp: 83173

Ion Ratio Lower Upper

105 100

120 48.4 23.9 71.7

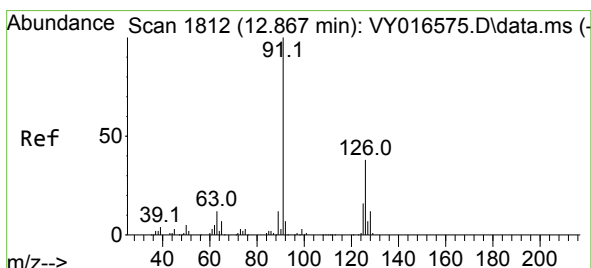
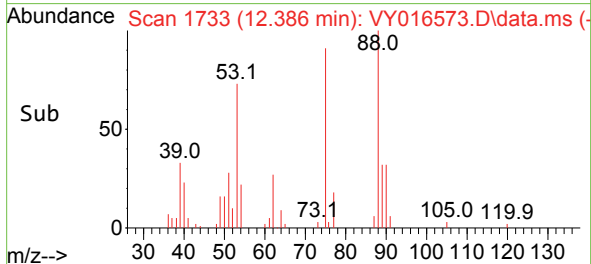
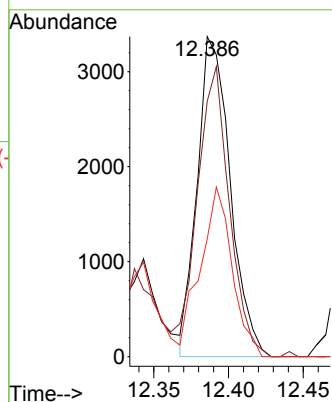
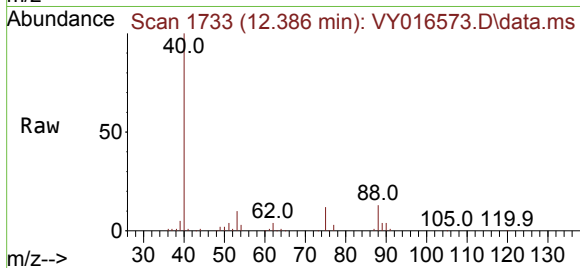




#81
trans-1,4-Dichloro-2-butene
Concen: 9.405 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

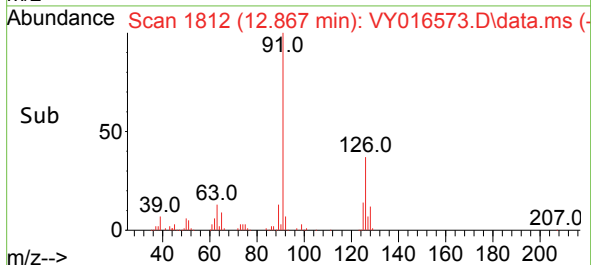
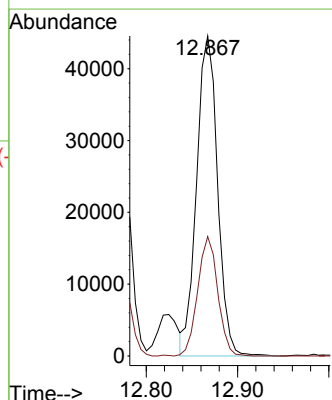
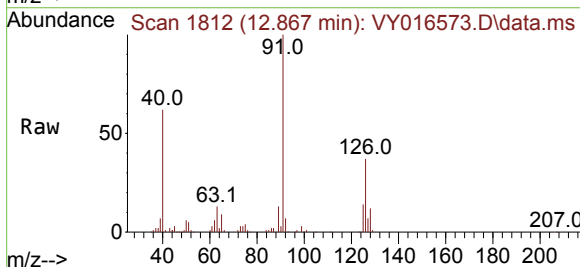
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

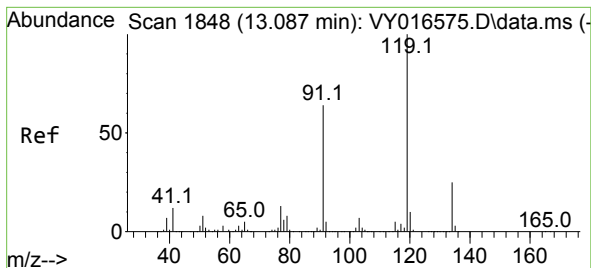
Tgt Ion: 75 Resp: 5166
Ion Ratio Lower Upper
75 100
53 88.4 77.8 116.8
89 51.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 10.301 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 91 Resp: 71011
Ion Ratio Lower Upper
91 100
126 35.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 9.926 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

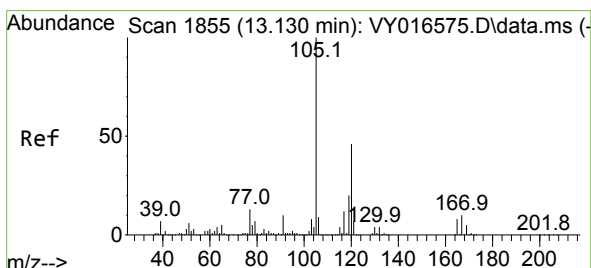
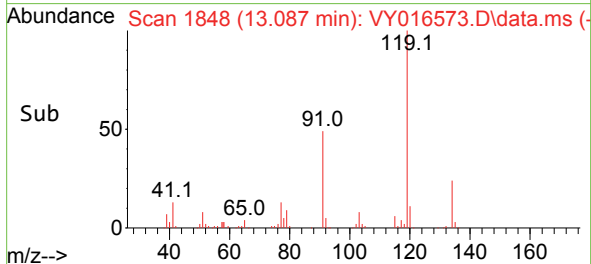
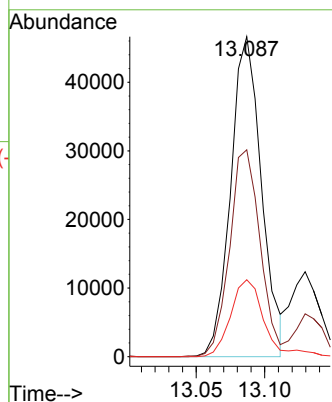
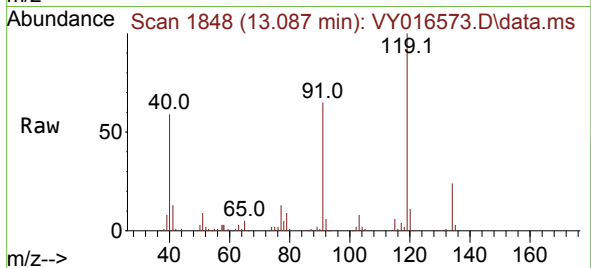
Tgt Ion:119 Resp: 73197

Ion Ratio Lower Upper

119 100

91 63.9 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 10.033 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016573.D

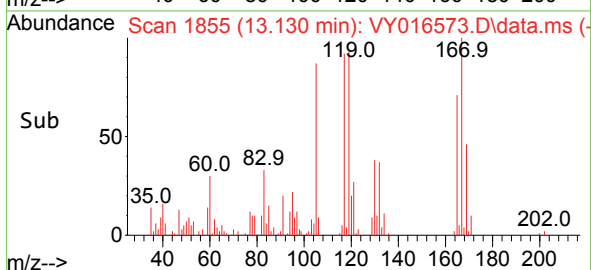
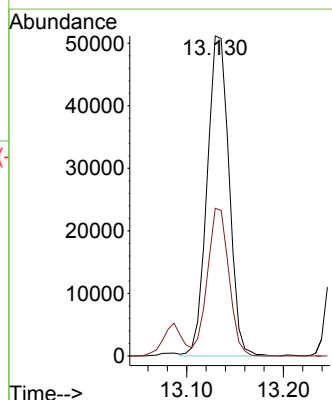
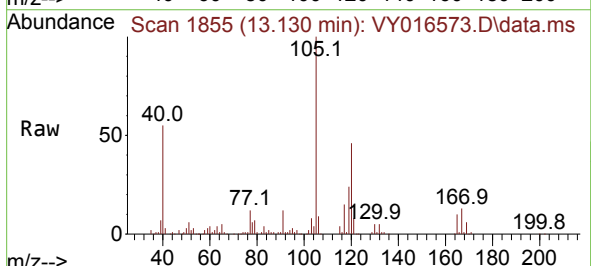
Acq: 04 Dec 2023 12:45

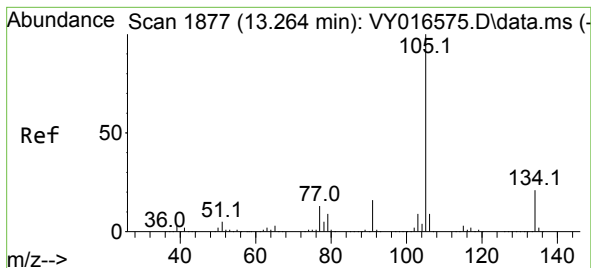
Tgt Ion:105 Resp: 80884

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 10.150 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

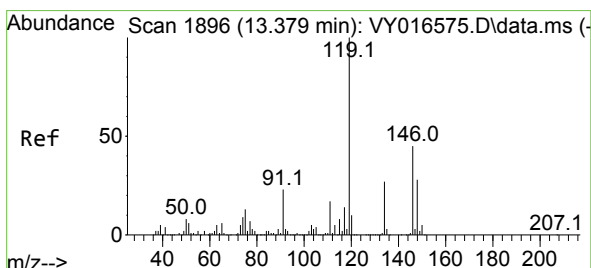
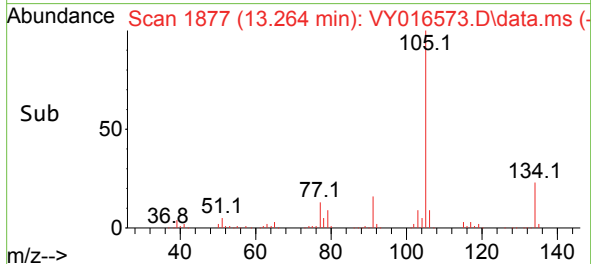
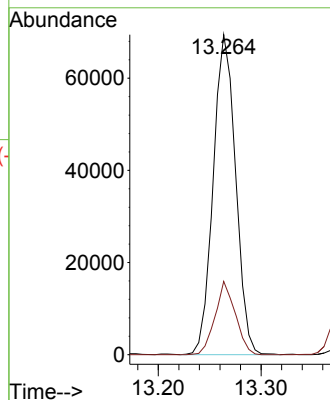
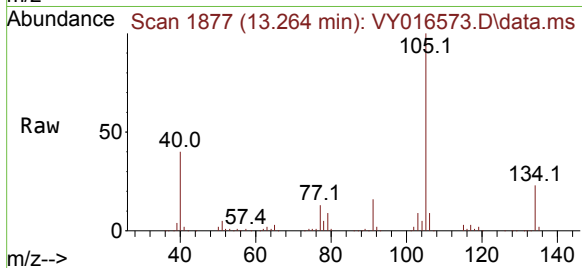
VSTDIC010

Tgt Ion:105 Resp: 105118

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 10.030 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

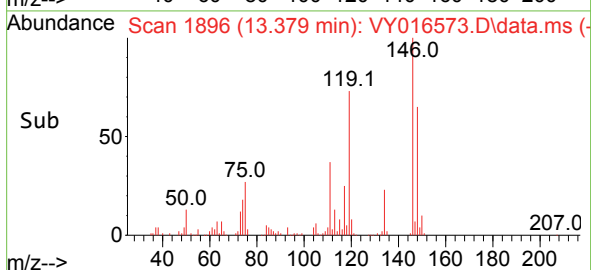
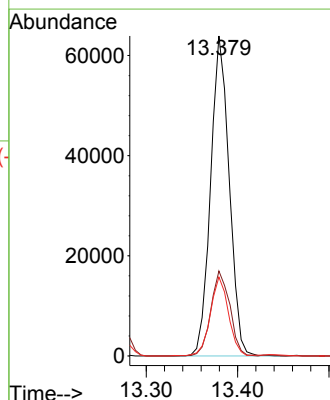
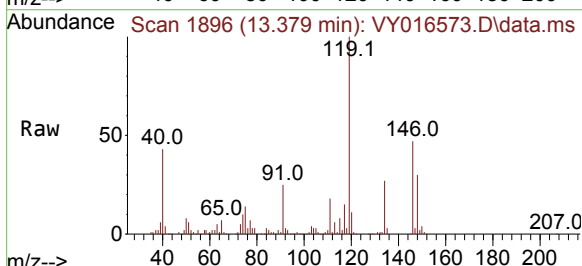
Tgt Ion:119 Resp: 90174

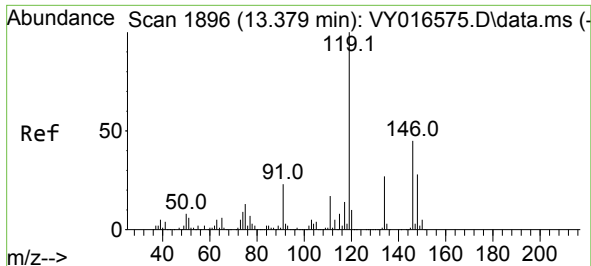
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.2 12.4 37.4

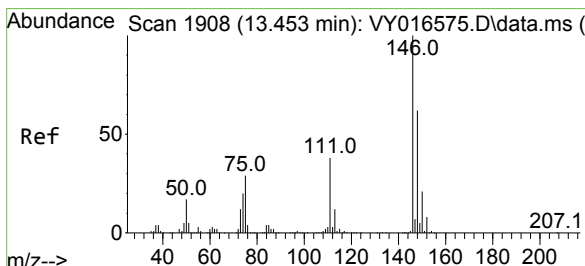
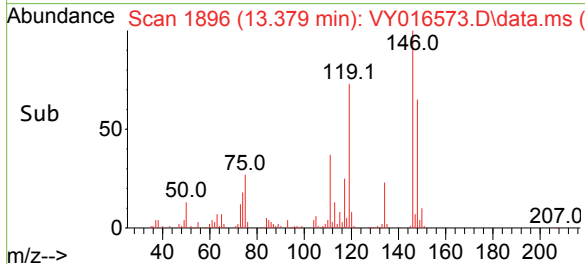
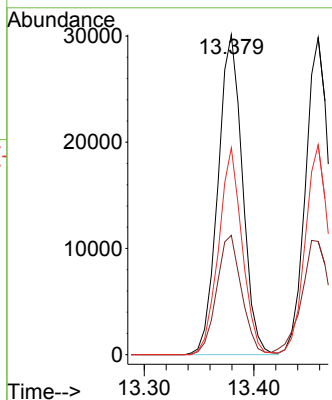
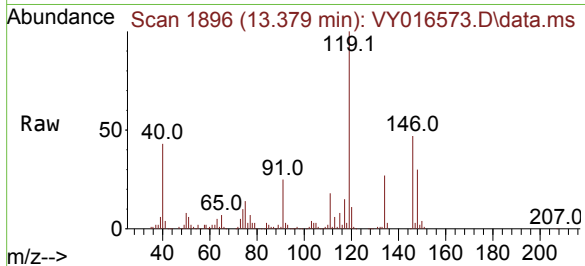




#87
1,3-Dichlorobenzene
Concen: 10.227 ug/l
RT: 13.379 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

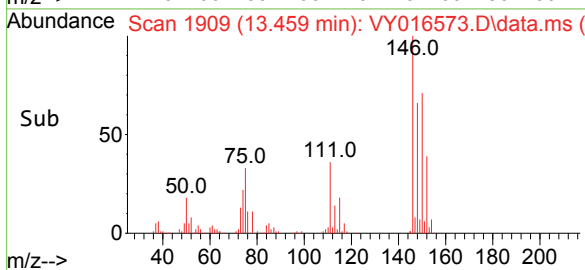
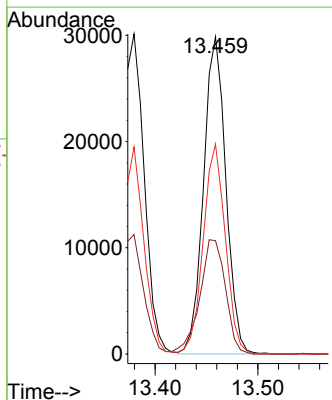
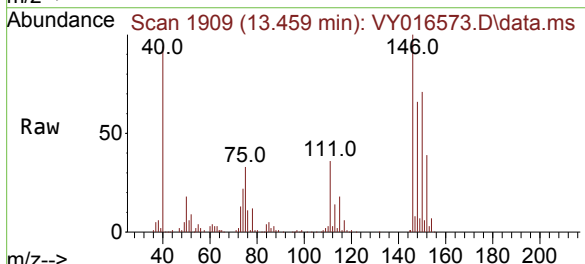
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

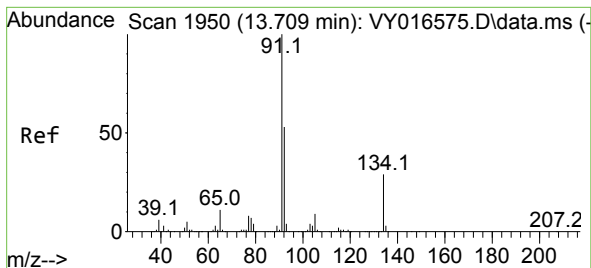
Tgt Ion:146 Resp: 46734
Ion Ratio Lower Upper
146 100
111 38.3 19.4 58.2
148 62.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 10.056 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion:146 Resp: 45098
Ion Ratio Lower Upper
146 100
111 41.4 18.9 56.7
148 65.5 32.1 96.5





#89

n-Butylbenzene

Concen: 9.784 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

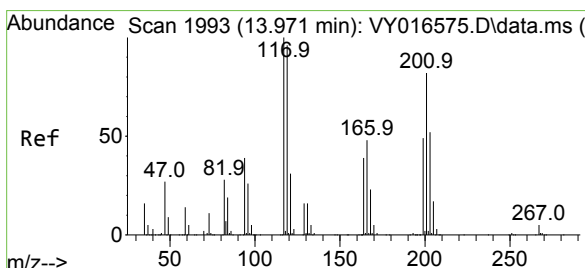
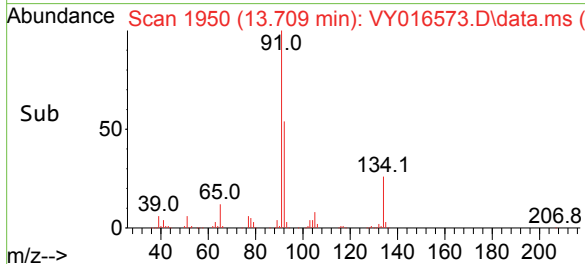
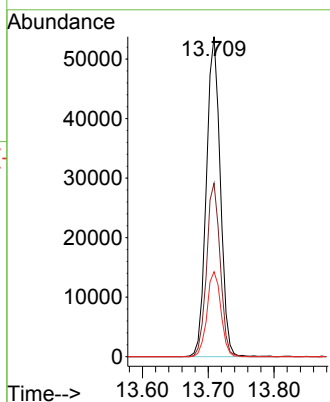
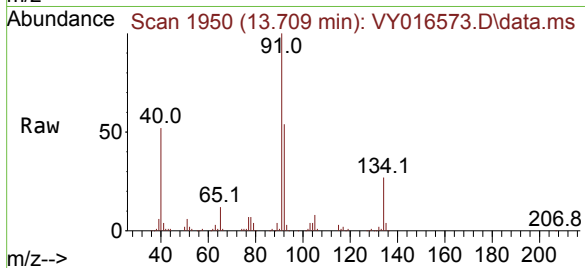
Tgt Ion: 91 Resp: 79106

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 10.151 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016573.D

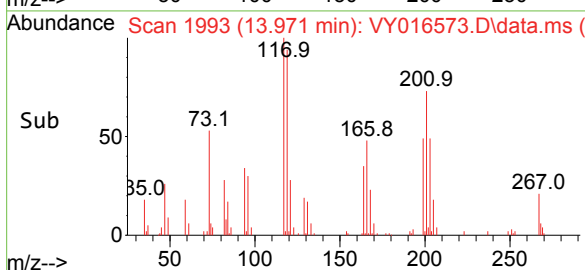
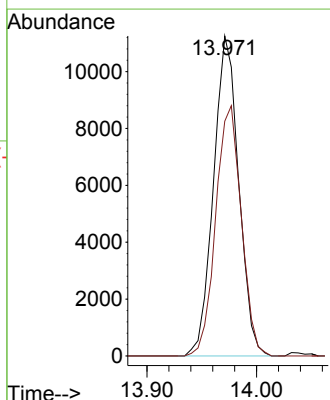
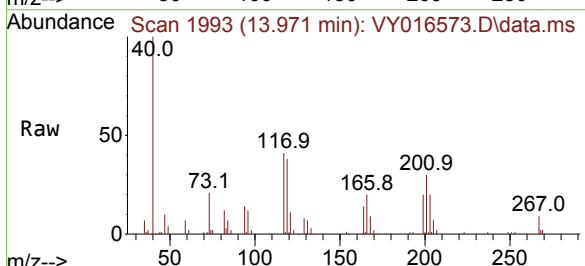
Acq: 04 Dec 2023 12:45

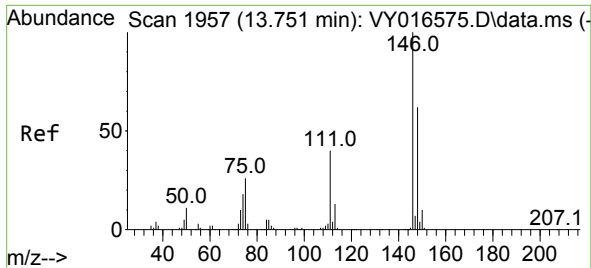
Tgt Ion: 117 Resp: 17957

Ion Ratio Lower Upper

117 100

201 79.4 41.6 124.8

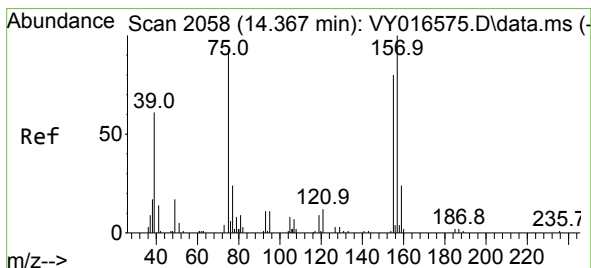
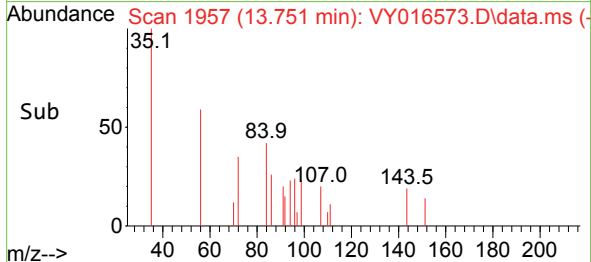
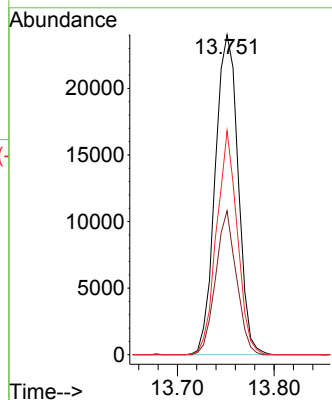
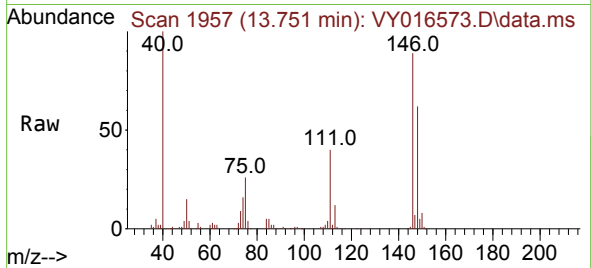




#91
1,2-Dichlorobenzene
Concen: 10.081 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

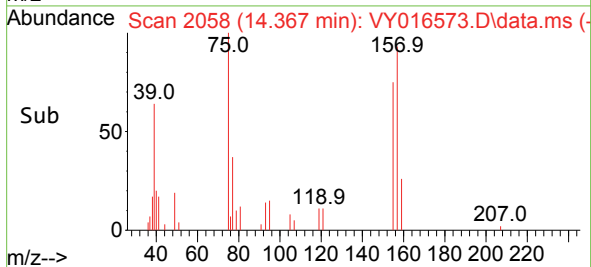
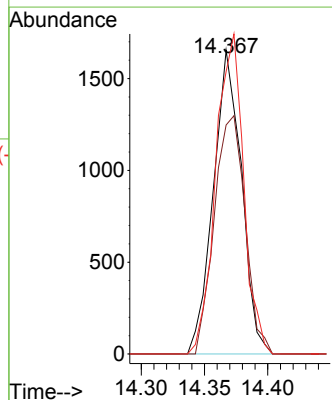
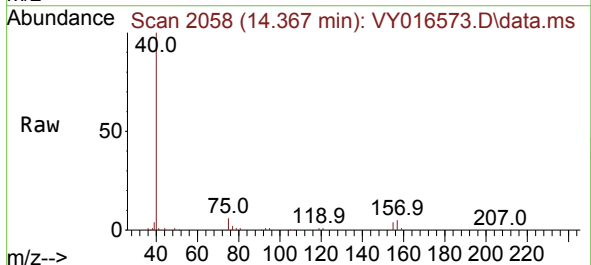
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

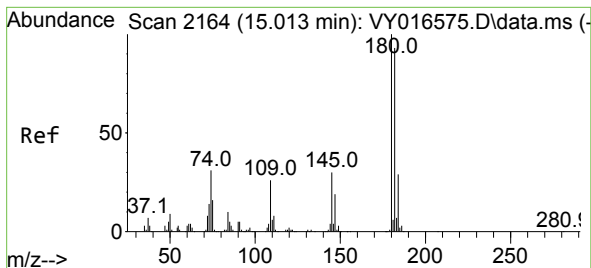
Tgt Ion:146 Resp: 39552
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.895 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VY016573.D
Acq: 04 Dec 2023 12:45

Tgt Ion: 75 Resp: 2558
Ion Ratio Lower Upper
75 100
155 86.0 41.5 124.6
157 104.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 8.826 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

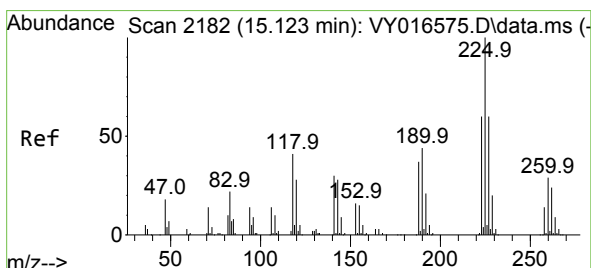
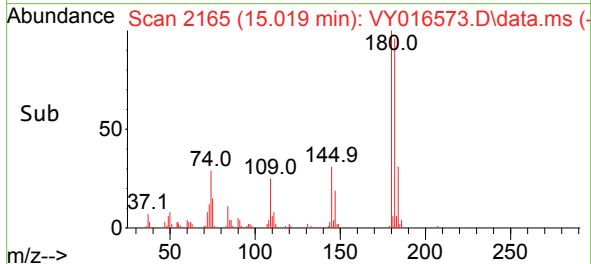
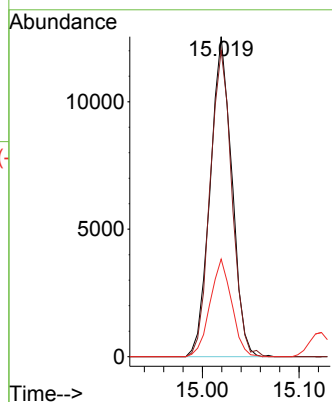
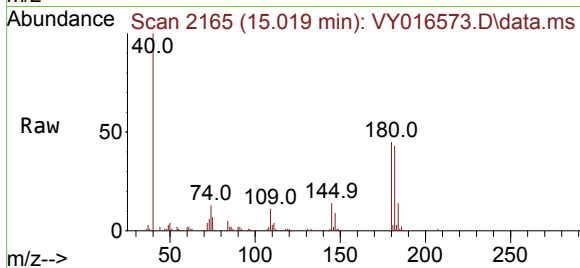
Tgt Ion:180 Resp: 19539

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 10.236 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

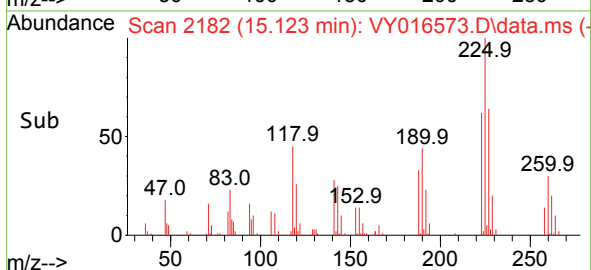
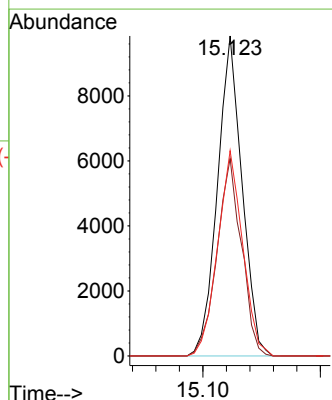
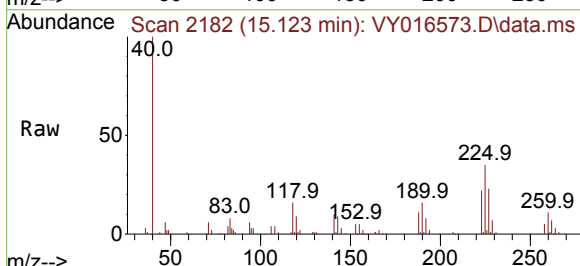
Tgt Ion:225 Resp: 14317

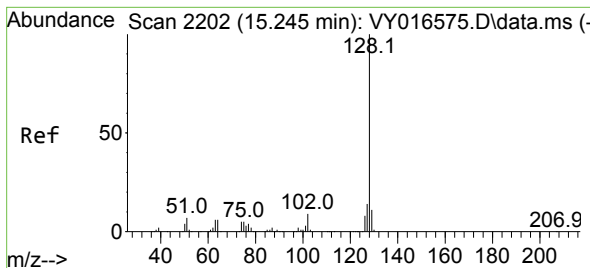
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.9

227 65.3 33.0 98.9





#95

Naphthalene

Concen: 8.790 ug/l

RT: 15.251 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

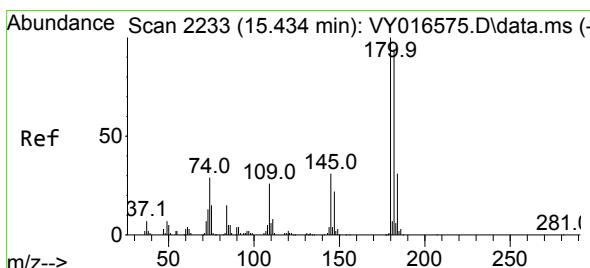
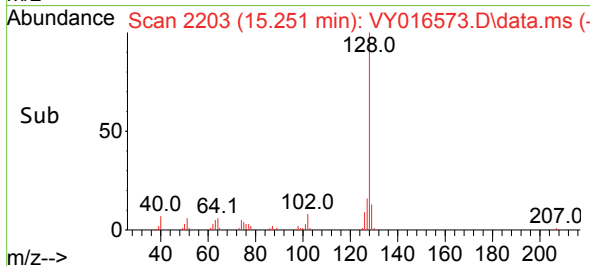
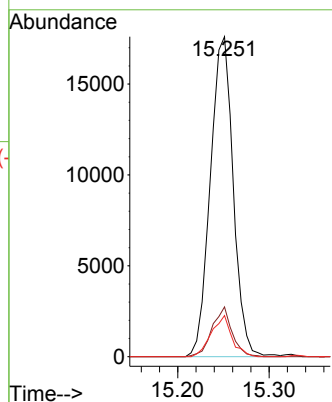
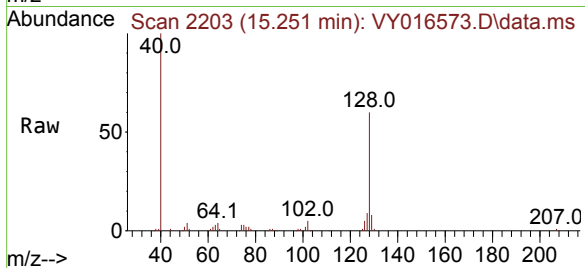
Tgt Ion:128 Resp: 30637

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 9.315 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016573.D

Acq: 04 Dec 2023 12:45

Tgt Ion:180 Resp: 15707

Ion Ratio Lower Upper

180 100

182 94.5 47.3 141.8

145 31.9 15.4 46.2

