

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016572.D
 Acq On : 04 Dec 2023 12:22
 Operator : SY/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 05 01:06:05 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	204527	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	319948	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	271890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	126589	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	9712	5.138	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.280%#
35) Dibromofluoromethane	7.734	113	9886	5.134	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.260%#
50) Toluene-d8	10.197	98	34784	4.776	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.560%#
62) 4-Bromofluorobenzene	12.495	95	11472	4.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.580%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	10233	5.664	ug/l	89
3) Chloromethane	2.125	50	10367	5.531	ug/l	99
4) Vinyl Chloride	2.266	62	10242	5.411	ug/l	98
5) Bromomethane	2.668	94	6292	5.307	ug/l	99
6) Chloroethane	2.814	64	5871	5.022	ug/l	95
7) Trichlorofluoromethane	3.143	101	18633	5.208	ug/l	99
8) Diethyl Ether	3.546	74	4998	5.016	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.918	101	10482	5.239	ug/l	98
10) Methyl Iodide	4.113	142	10402	4.920	ug/l	99
11) Tert butyl alcohol	4.972	59	3445	26.747	ug/l #	91
12) 1,1-Dichloroethene	3.893	96	9133	5.025	ug/l	86
13) Acrolein	3.741	56	4325	23.097	ug/l	96
14) Allyl chloride	4.503	41	14254	5.139	ug/l	98
15) Acrylonitrile	5.192	53	9903	24.622	ug/l	98
16) Acetone	3.960	43	13205	30.869	ug/l	92
17) Carbon Disulfide	4.223	76	26458	5.192	ug/l	99
18) Methyl Acetate	4.503	43	8163	4.814	ug/l #	89
19) Methyl tert-butyl Ether	5.247	73	21253	4.757	ug/l	93
20) Methylene Chloride	4.747	84	13407	4.011	ug/l #	85
21) trans-1,2-Dichloroethene	5.247	96	10653	5.212	ug/l	82
22) Diisopropyl ether	6.143	45	27304	4.786	ug/l #	94
23) Vinyl Acetate	6.082	43	66060	24.121	ug/l #	86
24) 1,1-Dichloroethane	6.045	63	18267	5.212	ug/l #	96
25) 2-Butanone	7.003	43	16386	27.857	ug/l	98
26) 2,2-Dichloropropane	6.996	77	16913	5.133	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	11096	4.932	ug/l	96
28) Bromochloromethane	7.356	49	7523	5.299	ug/l	96
29) Tetrahydrofuran	7.368	42	8198	24.445	ug/l	96
30) Chloroform	7.527	83	19303	5.167	ug/l	90
31) Cyclohexane	7.801	56	19371	6.003	ug/l #	77
32) 1,1,1-Trichloroethane	7.722	97	18225	5.155	ug/l	99
36) 1,1-Dichloropropene	7.935	75	14465	4.942	ug/l	96
37) Ethyl Acetate	7.094	43	6126	5.002	ug/l	96
38) Carbon Tetrachloride	7.923	117	16774	4.950	ug/l	99
39) Methylcyclohexane	9.197	83	16952	4.807	ug/l	95
40) Benzene	8.179	78	41684	5.053	ug/l	96

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Dec 05 01:06:05 2023
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2994	4.341	ug/l	96
42) 1,2-Dichloroethane	8.252	62	11970	4.997	ug/l	95
43) Isopropyl Acetate	8.289	43	11035	4.671	ug/l #	89
44) Trichloroethene	8.953	130	12802	5.146	ug/l	86
45) 1,2-Dichloropropane	9.234	63	9910	4.989	ug/l	100
46) Dibromomethane	9.319	93	5343	4.907	ug/l	98
47) Bromodichloromethane	9.514	83	14279	4.926	ug/l	99
48) Methyl methacrylate	9.307	41	6208	4.550	ug/l	94
49) 1,4-Dioxane	9.313	88	961	87.197	ug/l #	36
51) 4-Methyl-2-Pentanone	10.087	43	28192	22.961	ug/l	98
52) Toluene	10.258	92	24828	4.802	ug/l	96
53) t-1,3-Dichloropropene	10.478	75	13109	4.792	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	15363	4.782	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	7346	4.843	ug/l	94
56) Ethyl methacrylate	10.526	69	6026	4.334	ug/l	95
57) 1,3-Dichloropropane	10.801	76	12183	4.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	16867	19.686	ug/l #	85
59) 2-Hexanone	10.843	43	22346	24.058	ug/l	94
60) Dibromochloromethane	10.996	129	10203	5.035	ug/l	96
61) 1,2-Dibromoethane	11.099	107	6800	4.767	ug/l	91
64) Tetrachloroethene	10.734	164	12550	5.037	ug/l	95
65) Chlorobenzene	11.532	112	27174	4.934	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	10623	4.935	ug/l	98
67) Ethyl Benzene	11.605	91	48605	4.921	ug/l	96
68) m/p-Xylenes	11.715	106	35579	9.490	ug/l	95
69) o-Xylene	12.038	106	16523	4.721	ug/l	98
70) Styrene	12.057	104	23169	4.614	ug/l	98
71) Bromoform	12.221	173	5466	4.703	ug/l #	99
73) Isopropylbenzene	12.343	105	43814	4.674	ug/l	99
74) N-amyl acetate	12.154	43	8437	4.514	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.593	83	7800	5.232	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	9884	8.433	ug/l #	100
77) Bromobenzene	12.624	156	10600	4.798	ug/l	94
78) n-propylbenzene	12.684	91	52911	4.850	ug/l	100
79) 2-Chlorotoluene	12.770	91	29868	4.858	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	35686	4.685	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	2468	4.869	ug/l	94
82) 4-Chlorotoluene	12.867	91	31648	4.975	ug/l	98
83) tert-Butylbenzene	13.087	119	32198	4.731	ug/l	97
84) 1,2,4-Trimethylbenzene	13.130	105	34745	4.670	ug/l	97
85) sec-Butylbenzene	13.264	105	46019	4.815	ug/l	99
86) p-Isopropyltoluene	13.379	119	38615	4.654	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	20835	4.941	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	20971	5.067	ug/l	94
89) n-Butylbenzene	13.709	91	35760	4.793	ug/l	100
90) Hexachloroethane	13.971	117	8157	4.997	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	17554	4.848	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	1054	4.418	ug/l	95
93) 1,2,4-Trichlorobenzene	15.019	180	8868	4.340	ug/l	98
94) Hexachlorobutadiene	15.129	225	6574	5.093	ug/l	97
95) Naphthalene	15.251	128	13433	3.188	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	6728	3.628	ug/l	98

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Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Quant Time: Dec 05 01:06:05 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

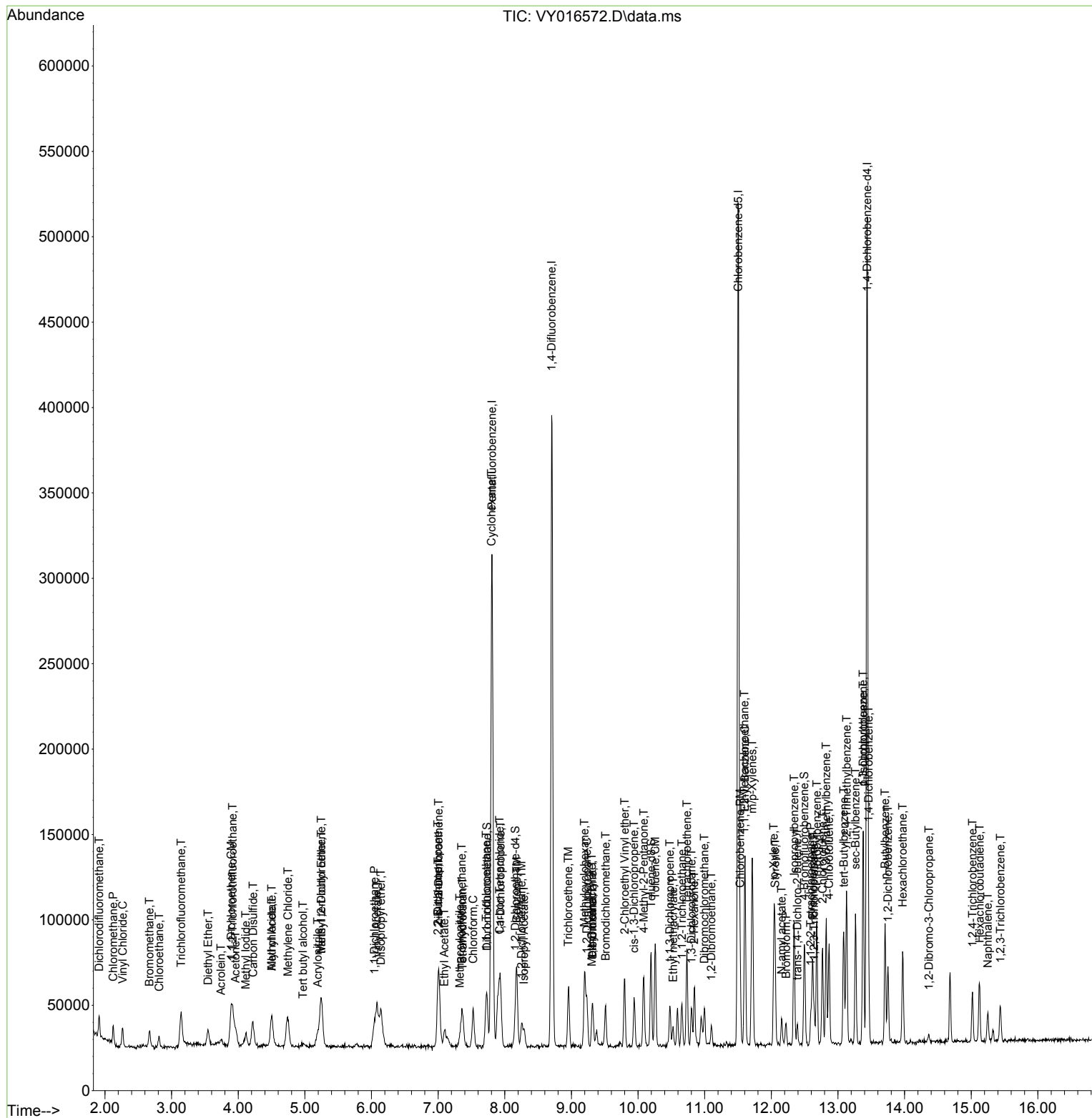
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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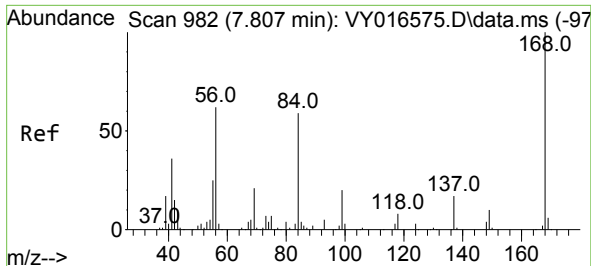
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016572.D
Acq On : 04 Dec 2023 12:22
Operator : SY/MD
Sample : VSTDIC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Quant Time: Dec 05 01:06:05 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 05 00:54:37 2023
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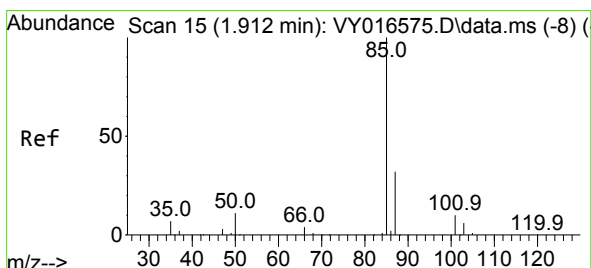
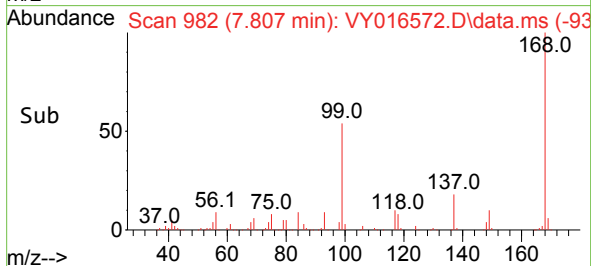
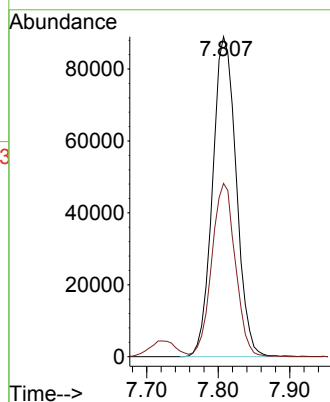
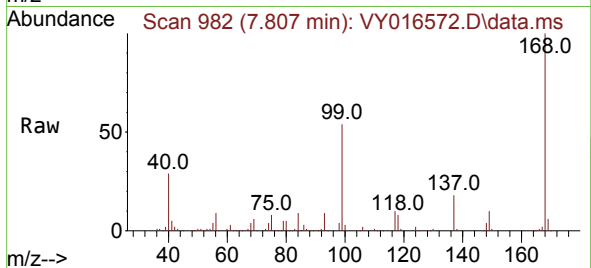




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

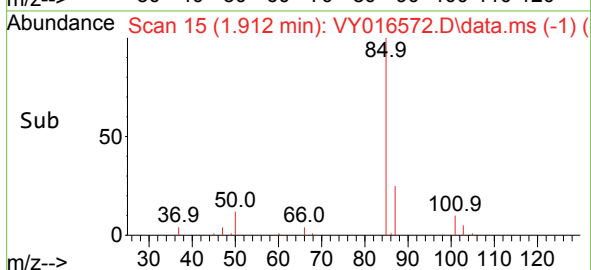
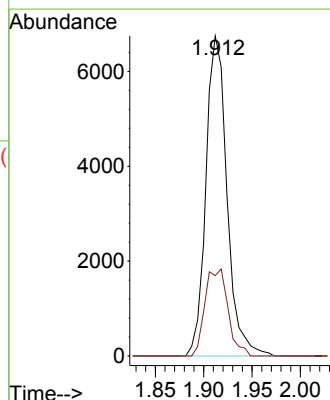
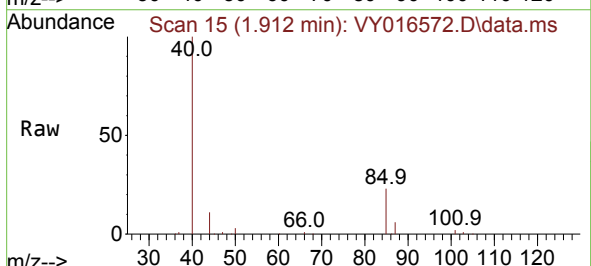
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

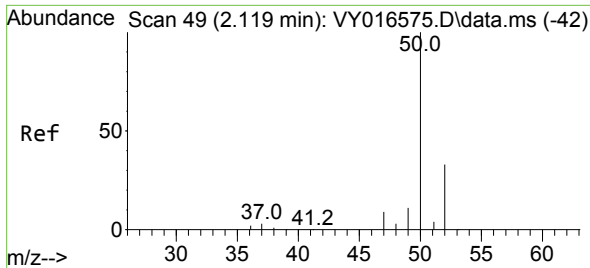
Tgt Ion:168 Resp: 204527
Ion Ratio Lower Upper
168 100
99 54.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 5.664 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 85 Resp: 10233
Ion Ratio Lower Upper
85 100
87 25.1 15.6 46.8

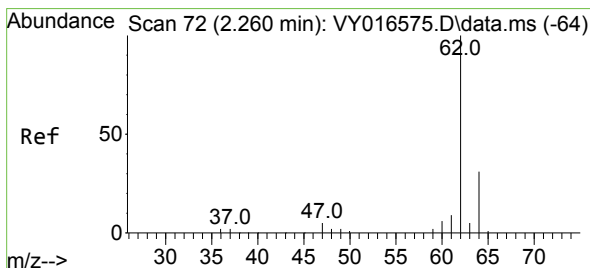
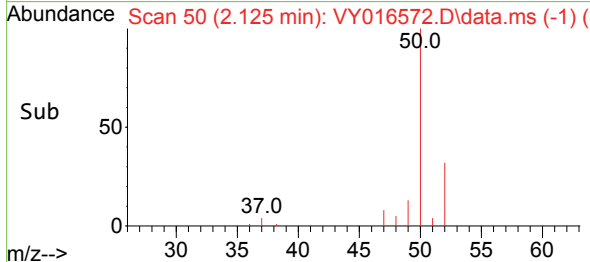
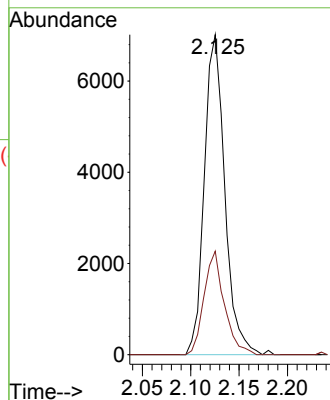
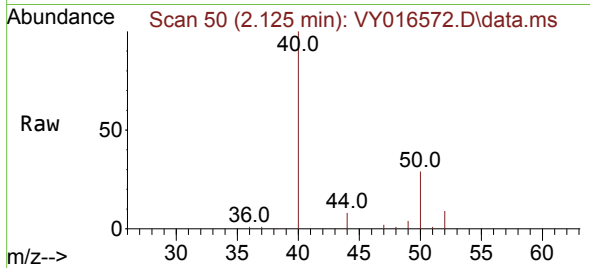




#3
Chloromethane
Concen: 5.531 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

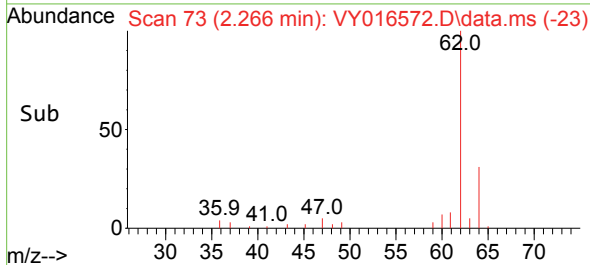
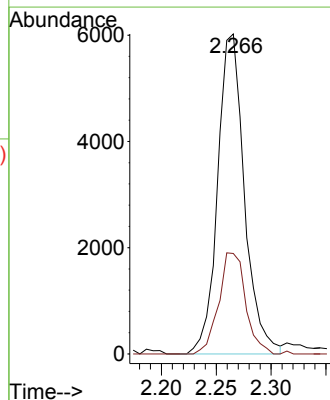
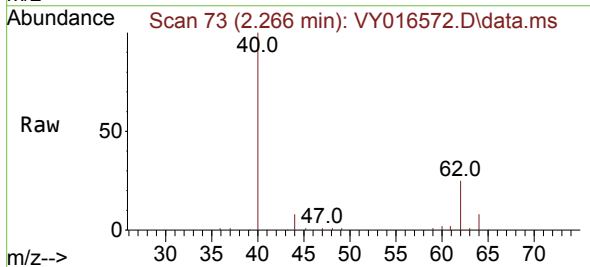
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

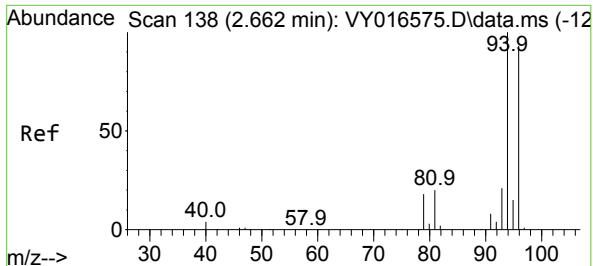
Tgt Ion: 50 Resp: 10367
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 5.411 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 62 Resp: 10242
Ion Ratio Lower Upper
62 100
64 31.4 24.3 36.5





#5

Bromomethane

Concen: 5.307 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

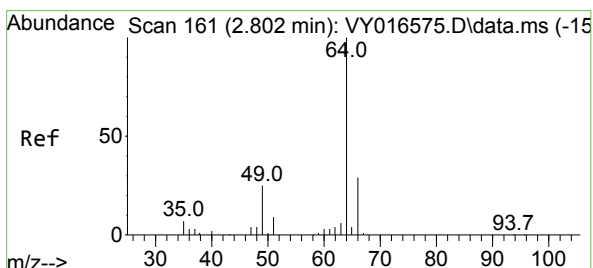
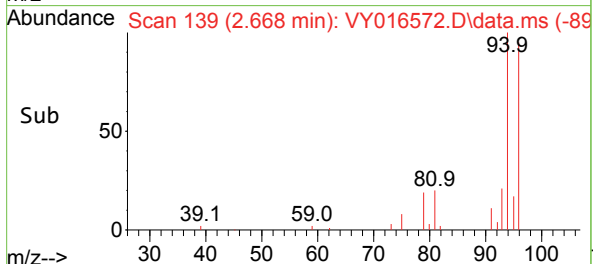
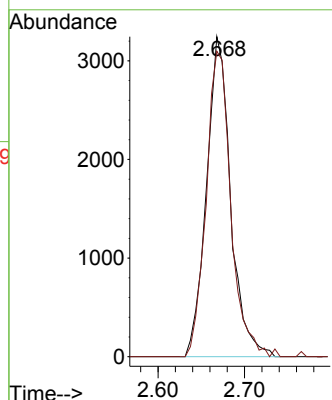
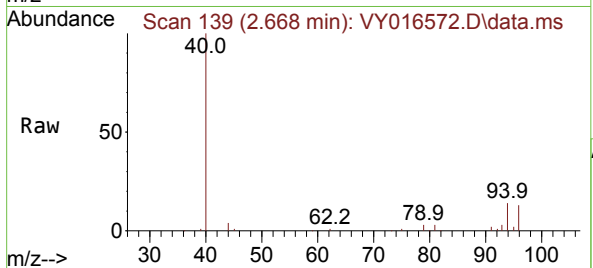
VSTDICC005

Tgt Ion: 94 Resp: 6292

Ion Ratio Lower Upper

94 100

96 95.4 75.8 113.6



#6

Chloroethane

Concen: 5.022 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016572.D

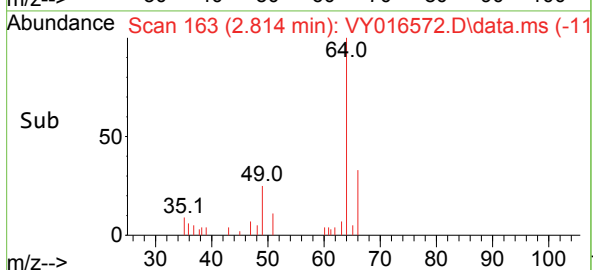
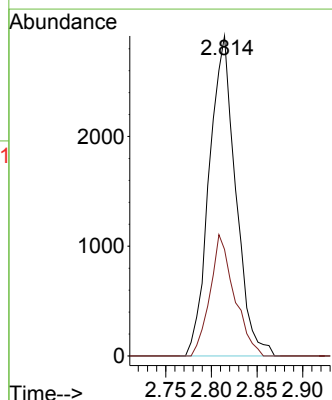
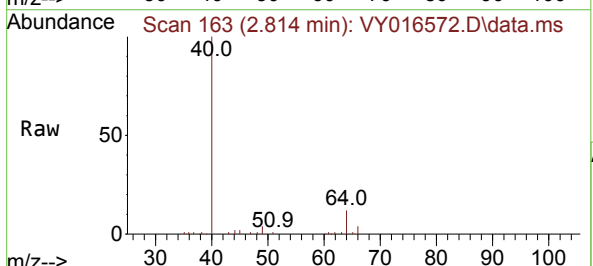
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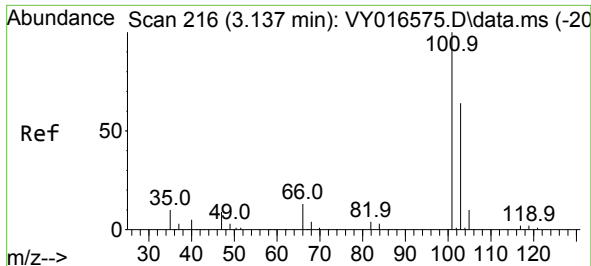
Tgt Ion: 64 Resp: 5871

Ion Ratio Lower Upper

64 100

66 33.3 24.4 36.6

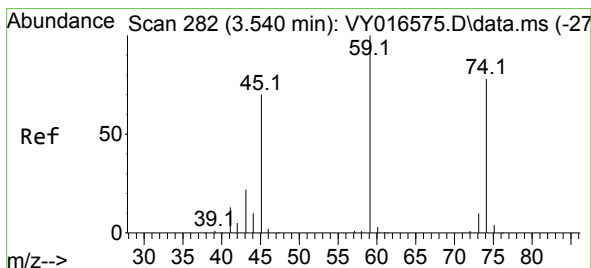
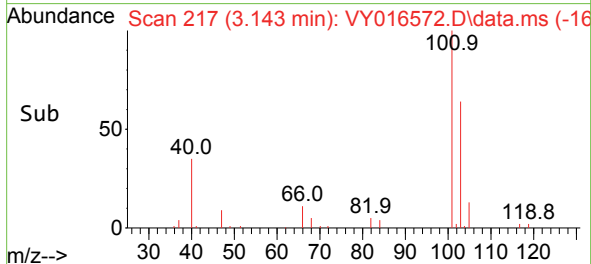
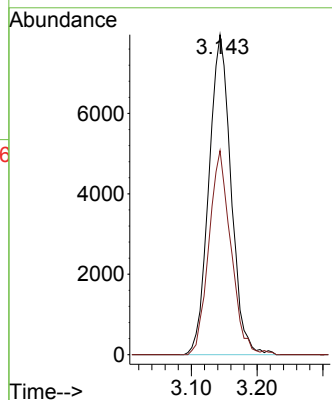
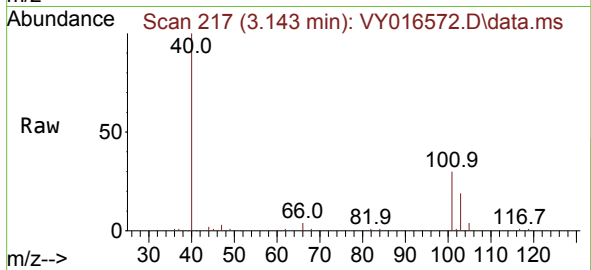




#7
Trichlorofluoromethane
Concen: 5.208 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

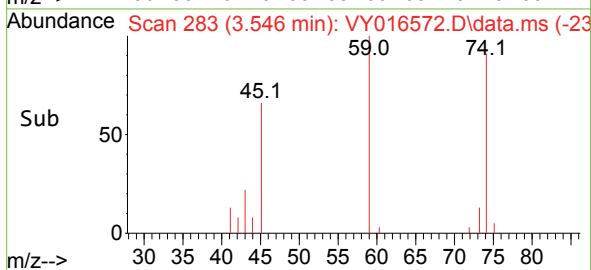
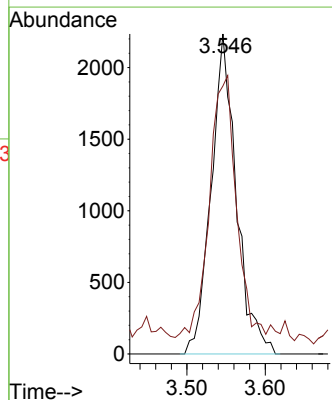
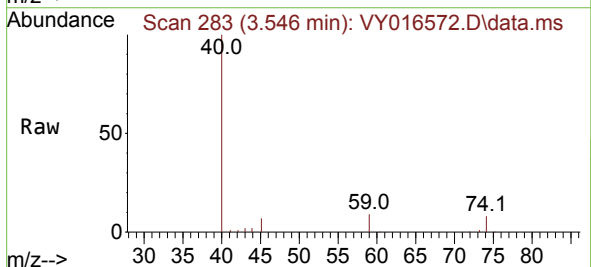
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

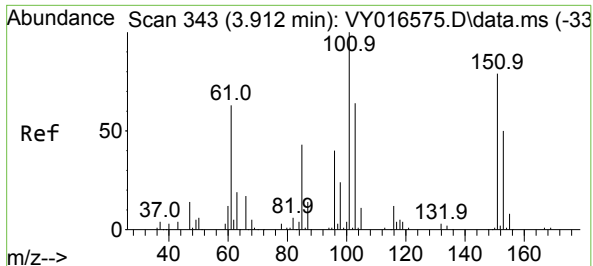
Tgt Ion:101 Resp: 18633
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 5.016 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 74 Resp: 4998
Ion Ratio Lower Upper
74 100
45 86.6 51.5 154.5

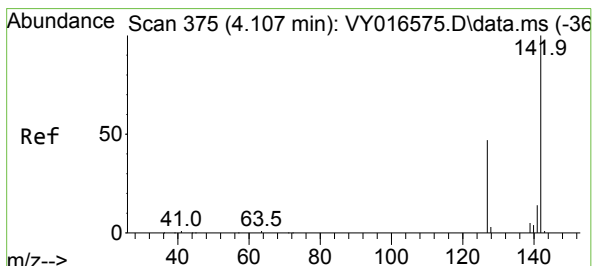
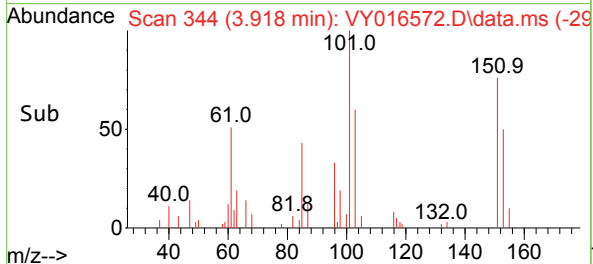
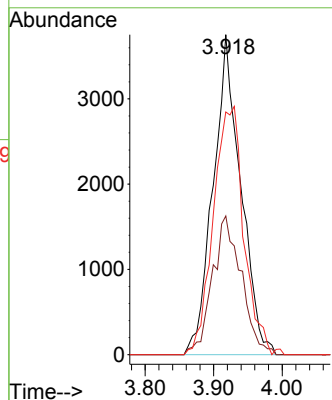
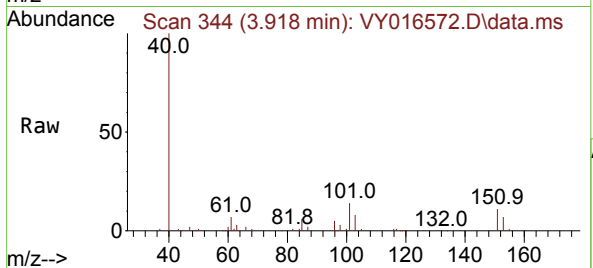




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.239 ug/l
RT: 3.918 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

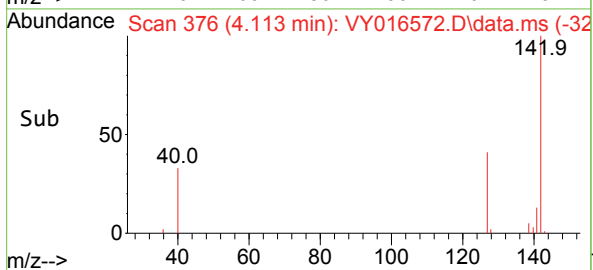
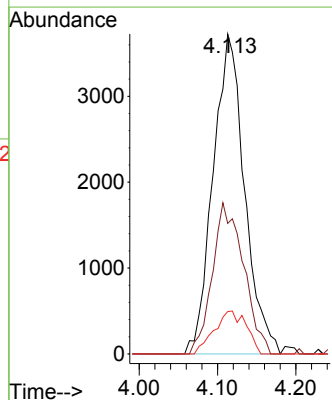
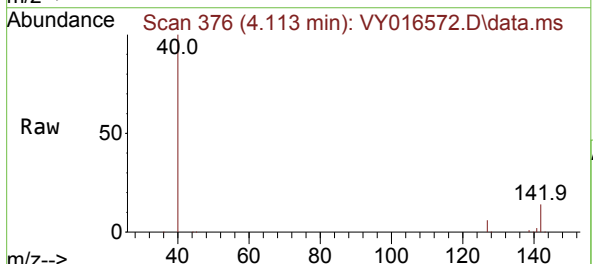
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

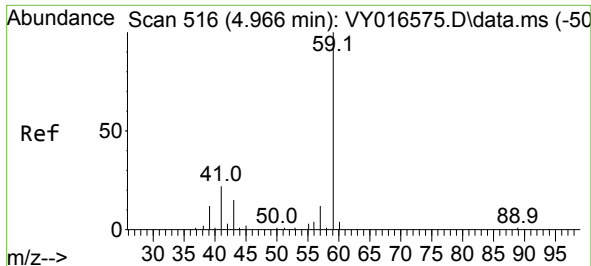
Tgt Ion:101 Resp: 10482
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 85.9 67.0 100.6



#10
Methyl Iodide
Concen: 4.920 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:142 Resp: 10402
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 13.6 11.8 17.8





#11

Tert butyl alcohol

Concen: 26.747 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

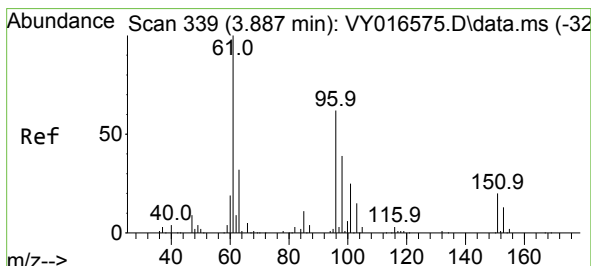
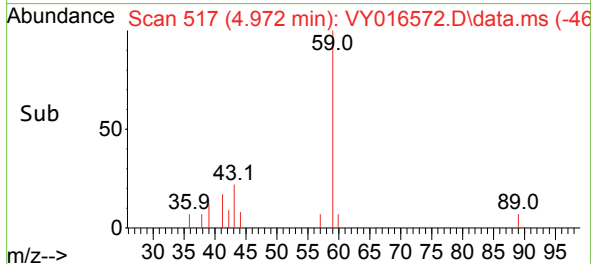
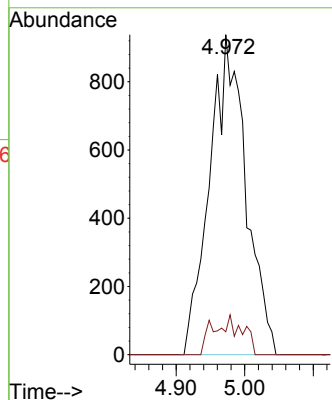
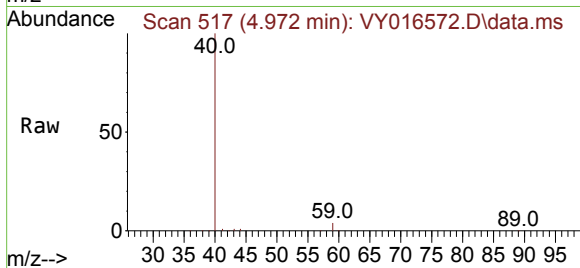
VSTDIC005

Tgt Ion: 59 Resp: 3445

Ion Ratio Lower Upper

59 100

57 6.5 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 5.025 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

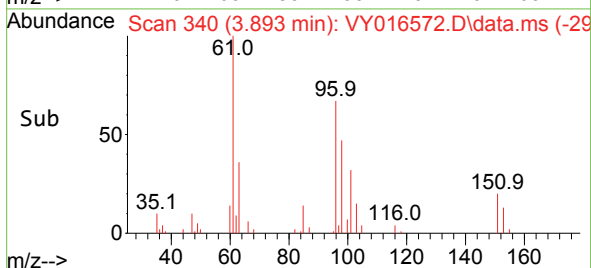
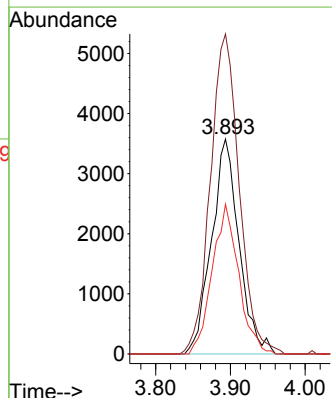
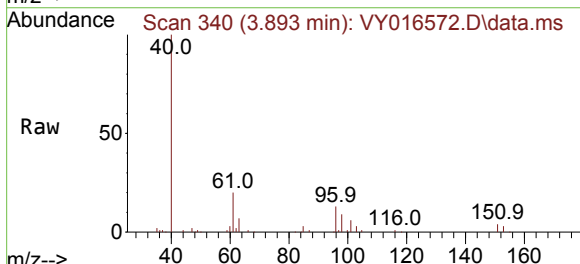
Tgt Ion: 96 Resp: 9133

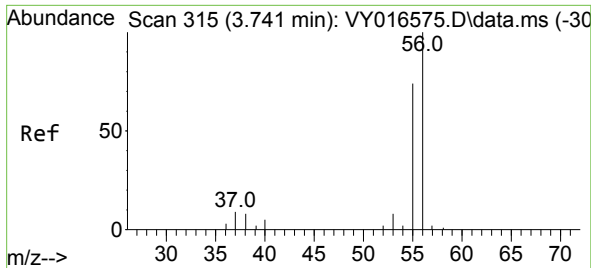
Ion Ratio Lower Upper

96 100

61 148.9 136.4 204.6

98 69.7 49.4 74.2





#13

Acrolein

Concen: 23.097 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

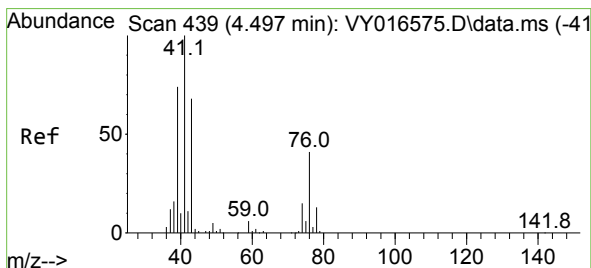
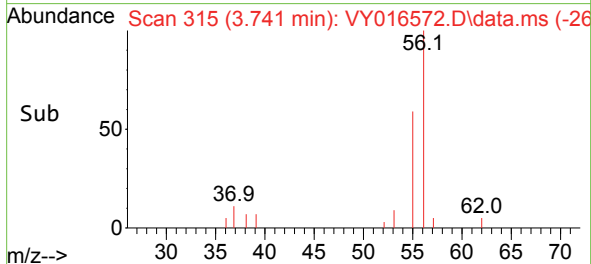
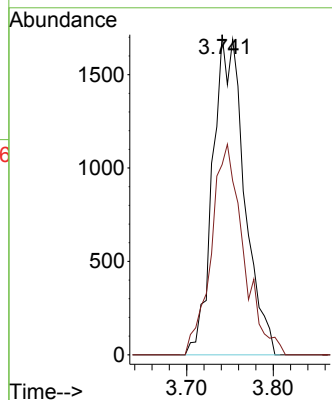
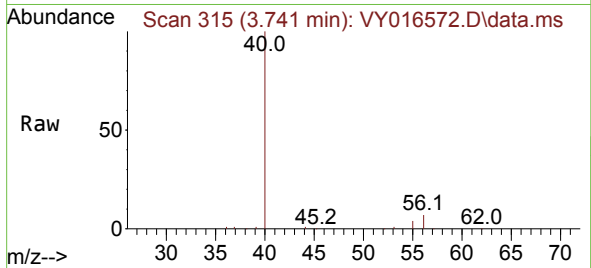
VSTDICC005

Tgt Ion: 56 Resp: 4325

Ion Ratio Lower Upper

56 100

55 67.6 57.0 85.4



#14

Allyl chloride

Concen: 5.139 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

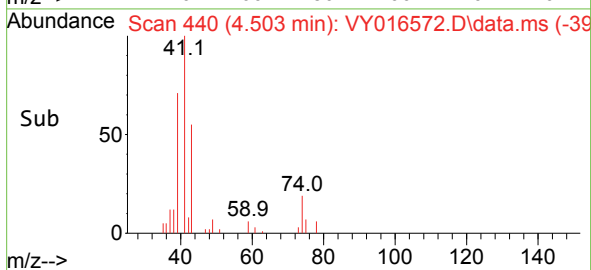
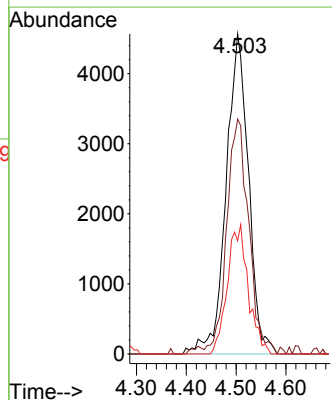
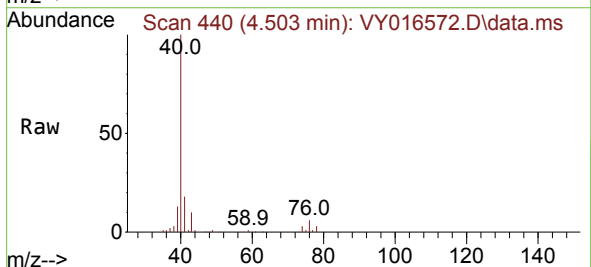
Tgt Ion: 41 Resp: 14254

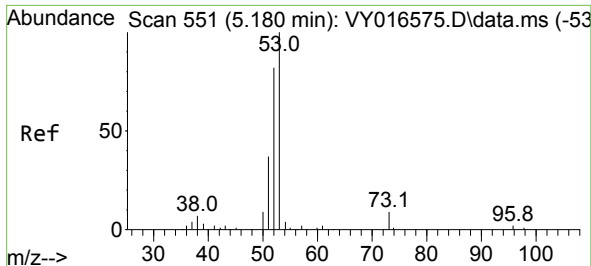
Ion Ratio Lower Upper

41 100

39 71.8 58.0 87.0

76 37.7 27.4 41.2

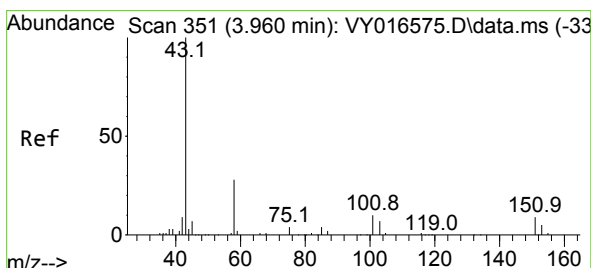
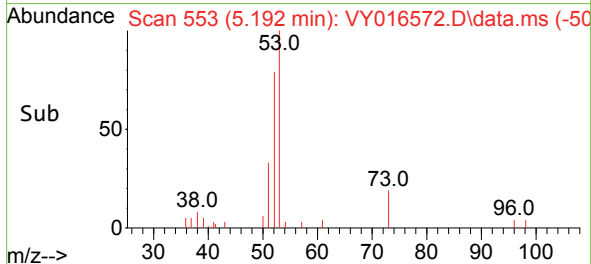
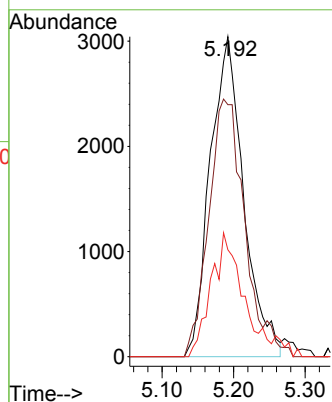
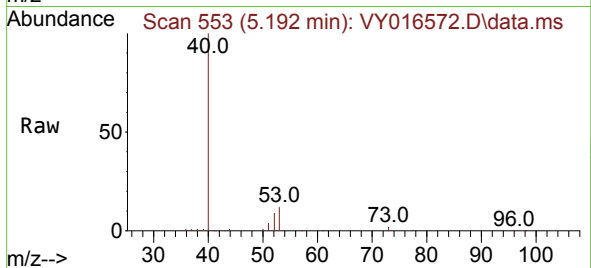




#15
Acrylonitrile
Concen: 24.622 ug/l
RT: 5.192 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

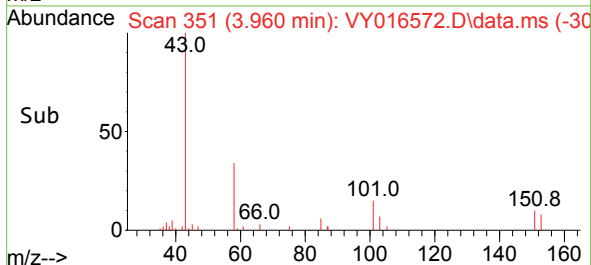
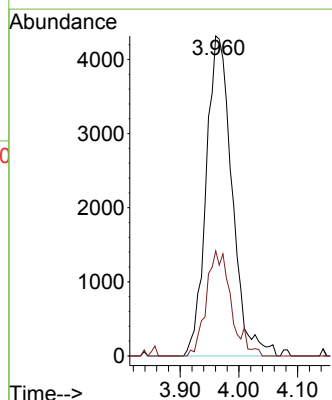
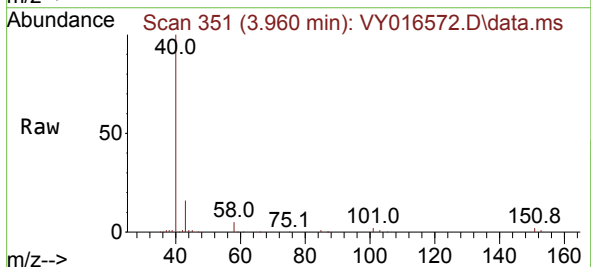
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

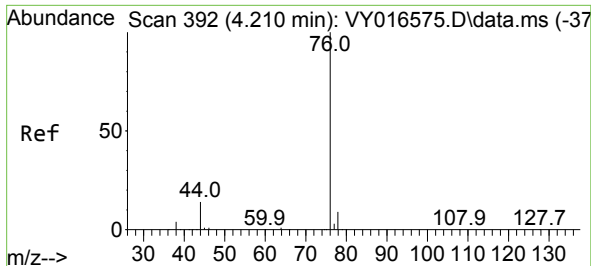
Tgt Ion: 53	Resp: 9903
Ion Ratio	Lower Upper
53	100
52	86.4 66.9 100.3
51	36.7 29.8 44.6



#16
Acetone
Concen: 30.869 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 43	Resp: 13205
Ion Ratio	Lower Upper
43	100
58	32.8 22.7 34.1

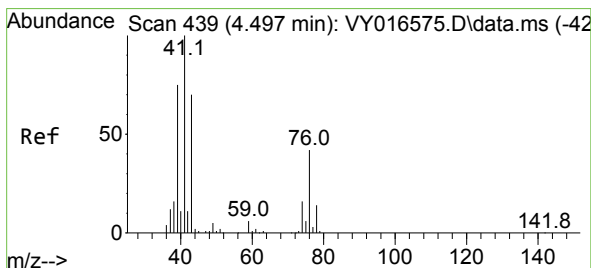
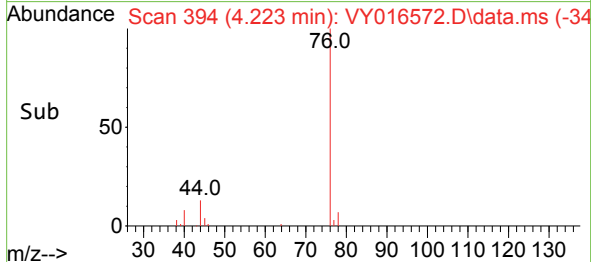
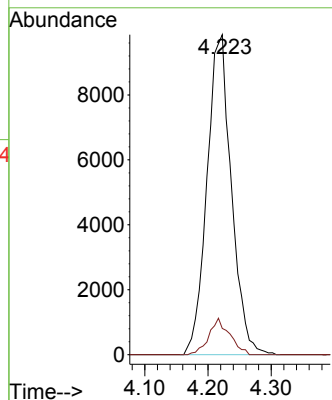
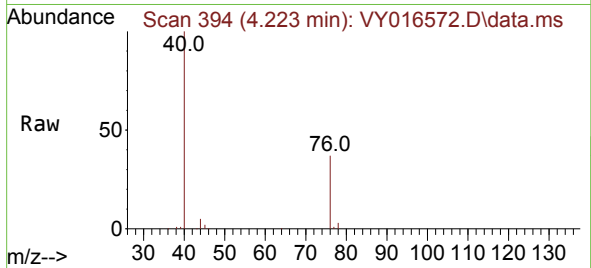




#17
Carbon Disulfide
Concen: 5.192 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

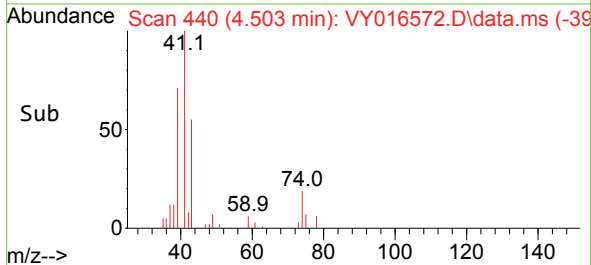
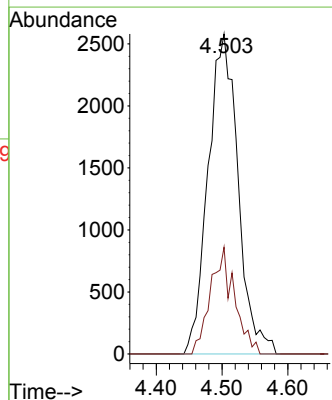
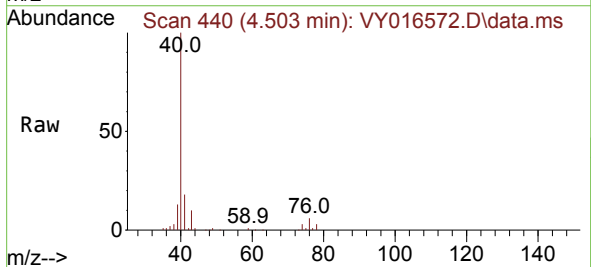
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

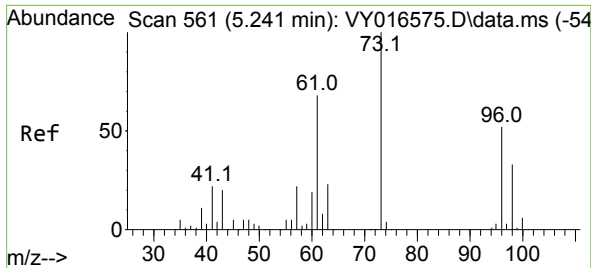
Tgt Ion: 76 Resp: 26458
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4



#18
Methyl Acetate
Concen: 4.814 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 43 Resp: 8163
Ion Ratio Lower Upper
43 100
74 26.9 17.4 26.0#

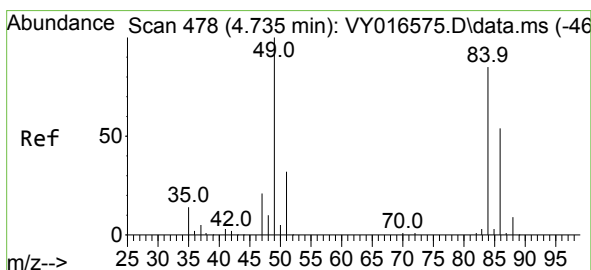
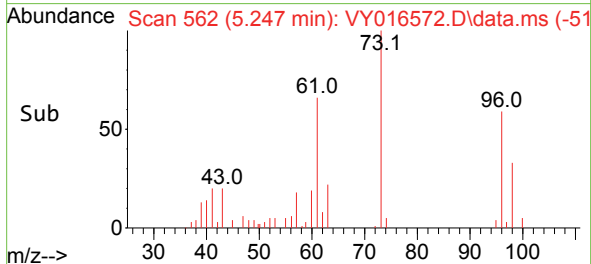
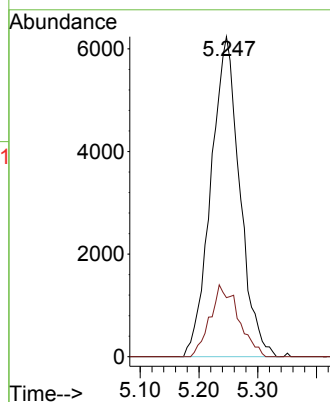
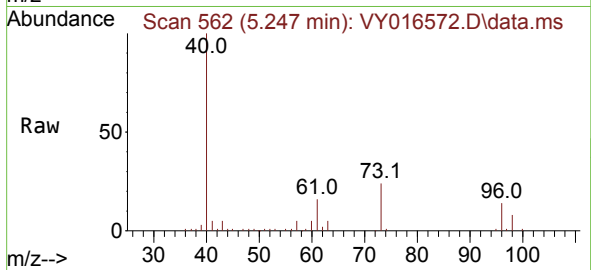




#19
Methyl tert-butyl Ether
Concen: 4.757 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

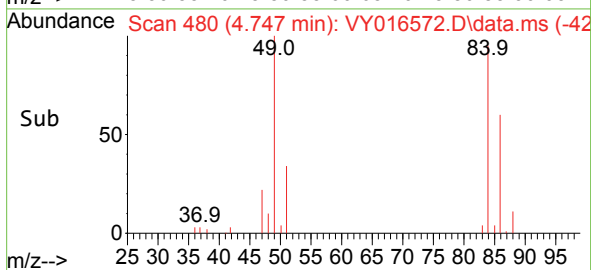
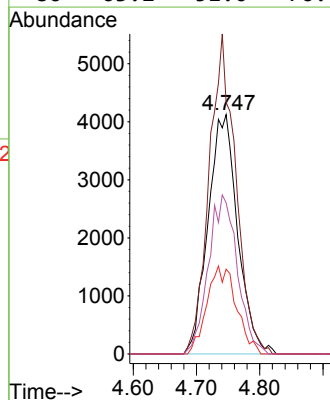
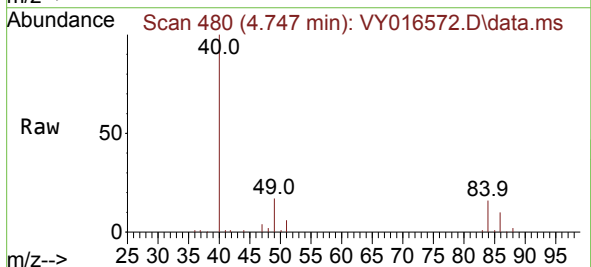
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

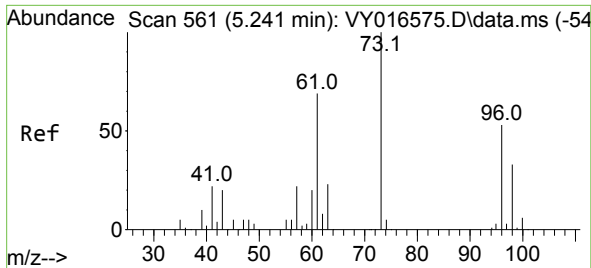
Tgt Ion: 73 Resp: 21253
Ion Ratio Lower Upper
73 100
57 18.4 17.3 25.9



#20
Methylene Chloride
Concen: 4.011 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 84 Resp: 13407
Ion Ratio Lower Upper
84 100
49 105.0 106.9 160.3#
51 35.4 33.2 49.8
86 63.2 51.0 76.6

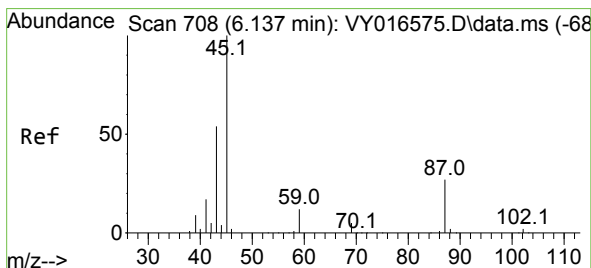
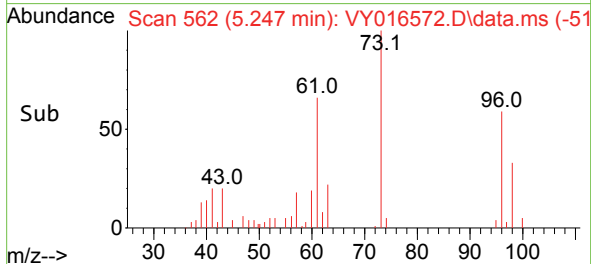
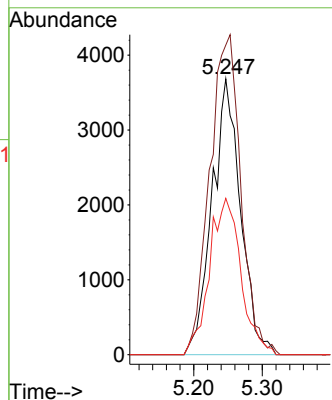
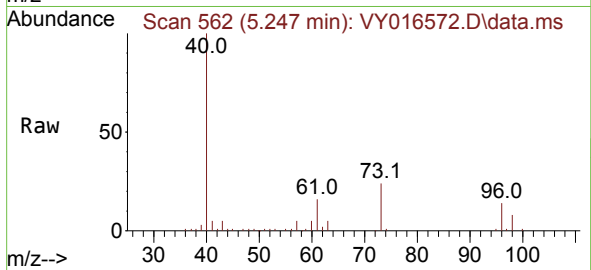




#21
trans-1,2-Dichloroethene
Concen: 5.212 ug/l
RT: 5.247 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

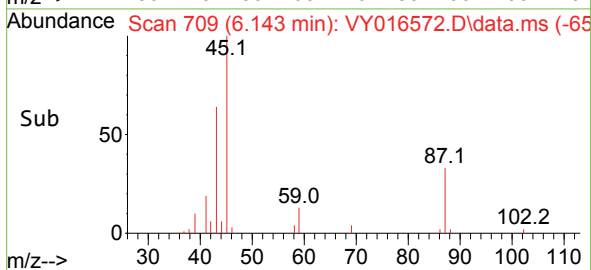
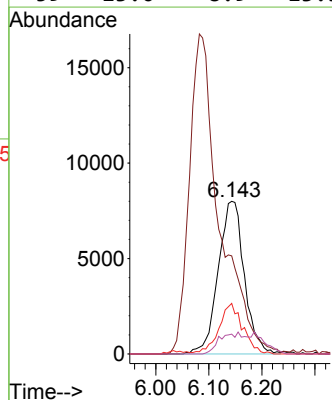
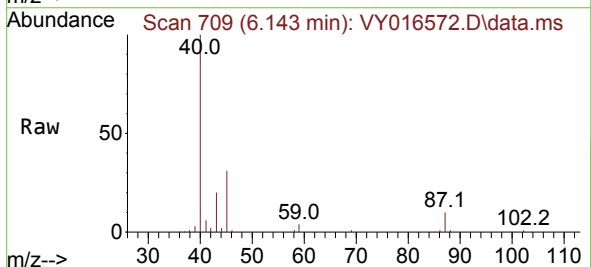
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

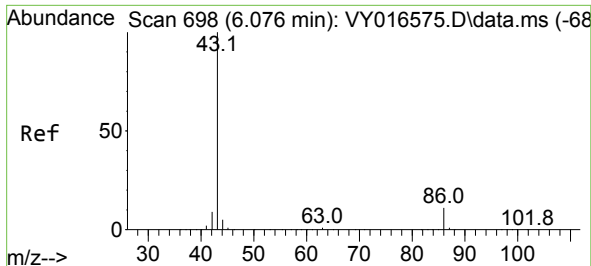
Tgt Ion: 96 Resp: 10653
Ion Ratio Lower Upper
96 100
61 112.2 110.2 165.4
98 56.6 51.8 77.6



#22
Diisopropyl ether
Concen: 4.786 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 45 Resp: 27304
Ion Ratio Lower Upper
45 100
43 63.3 52.2 78.4
87 33.1 21.0 31.6#
59 13.0 8.9 13.3

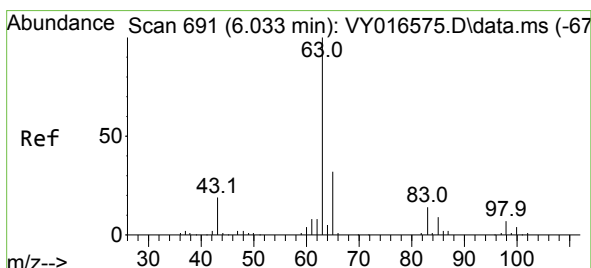
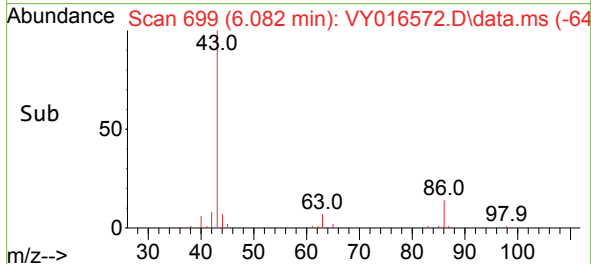
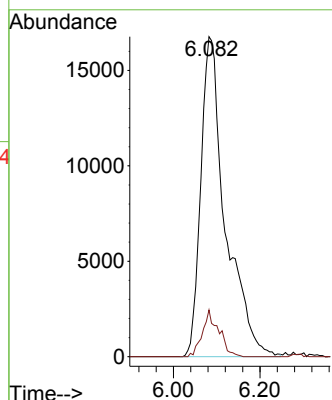
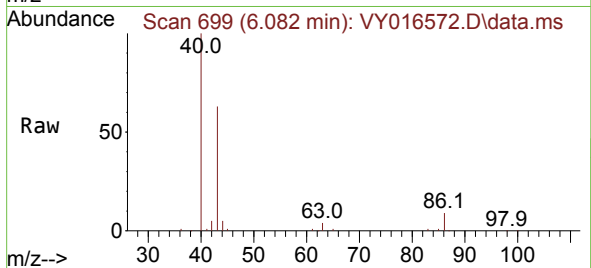




#23
 Vinyl Acetate
 Concen: 24.121 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016572.D
 Acq: 04 Dec 2023 12:22

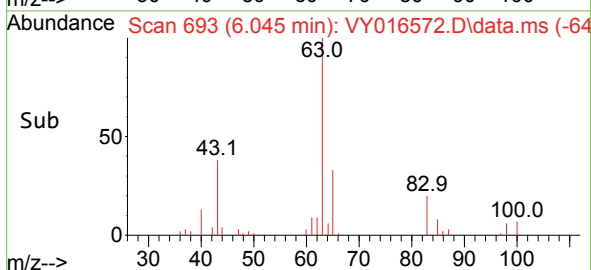
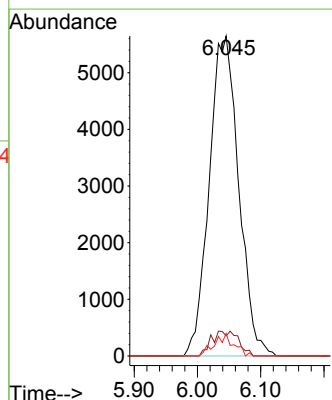
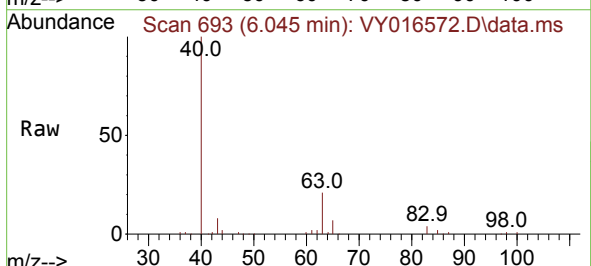
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

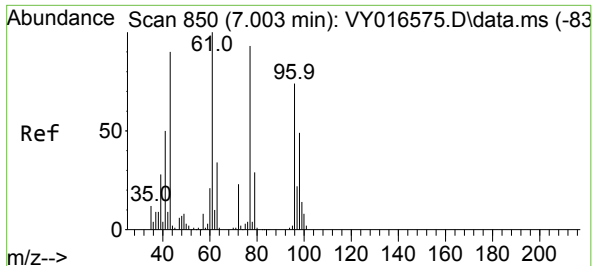
Tgt Ion: 43 Resp: 66060
 Ion Ratio Lower Upper
 43 100
 86 14.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 5.212 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016572.D
 Acq: 04 Dec 2023 12:22

Tgt Ion: 63 Resp: 18267
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 7.0 1.8 5.5#





#25

2-Butanone

Concen: 27.857 ug/l

RT: 7.003 min Scan# 850

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

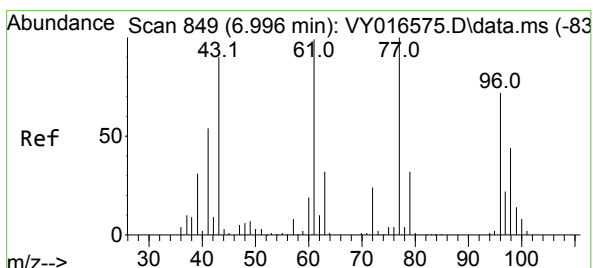
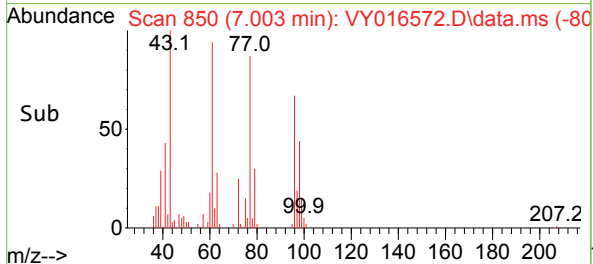
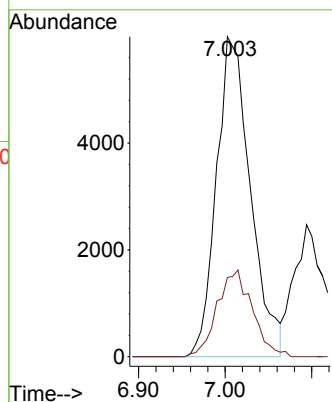
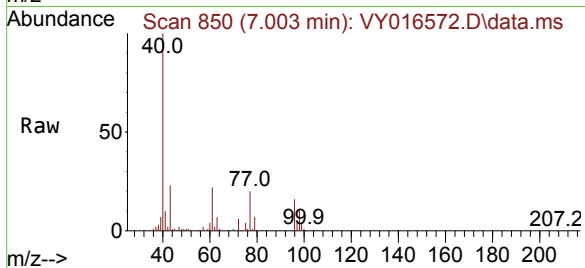
VSTDICC005

Tgt Ion: 43 Resp: 16386

Ion Ratio Lower Upper

43 100

72 24.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 5.133 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016572.D

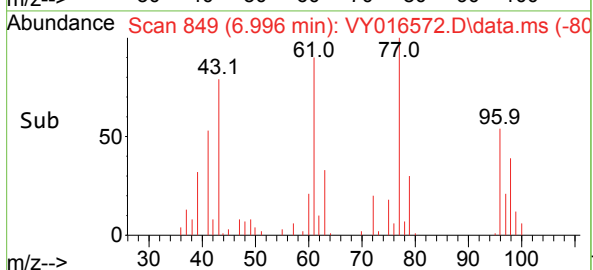
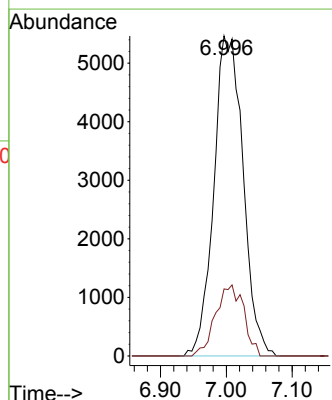
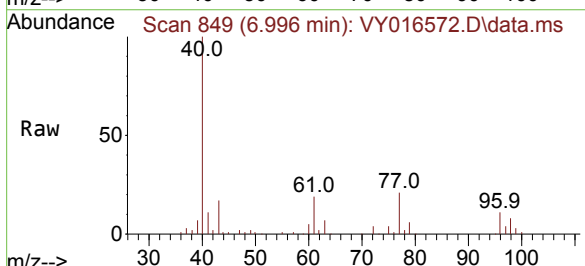
Acq: 04 Dec 2023 12:22

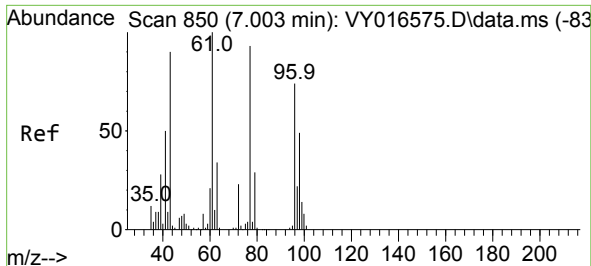
Tgt Ion: 77 Resp: 16913

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.932 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

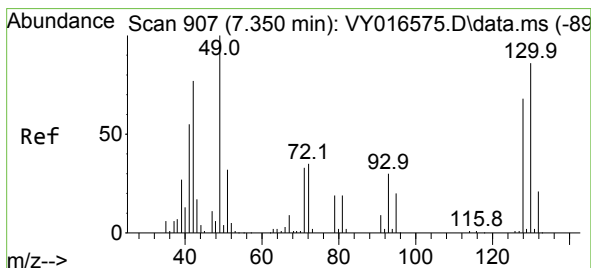
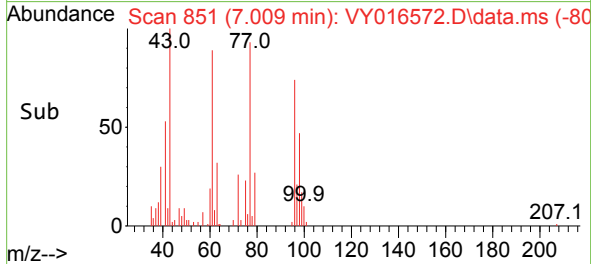
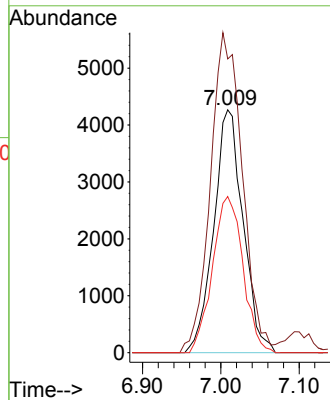
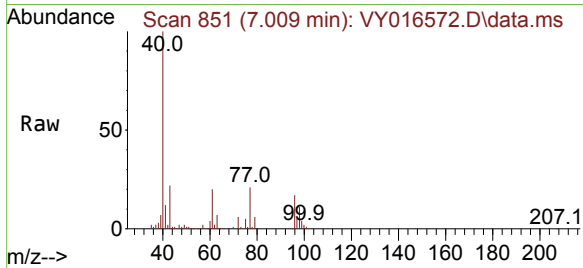
Tgt Ion: 96 Resp: 11096

Ion Ratio Lower Upper

96 100

61 143.6 0.0 301.4

98 66.8 0.0 130.4



#28

Bromochloromethane

Concen: 5.299 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

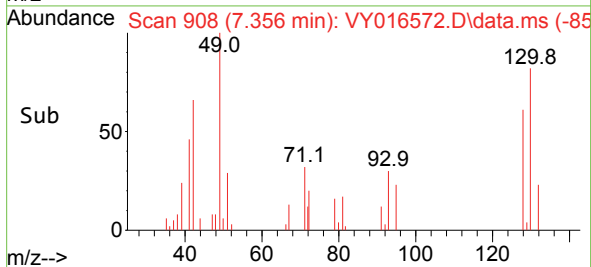
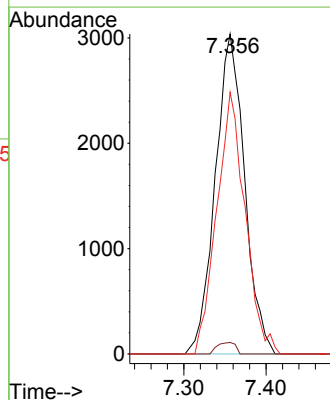
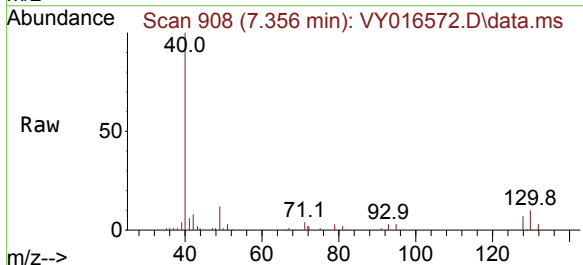
Tgt Ion: 49 Resp: 7523

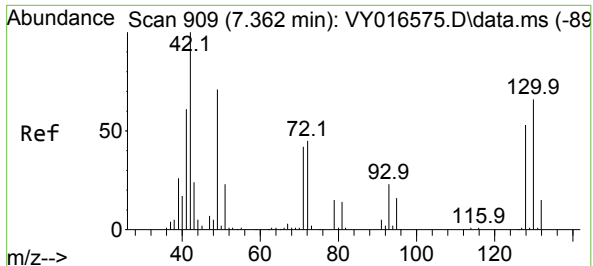
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 79.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 24.445 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

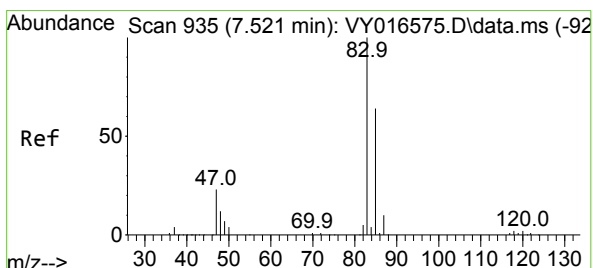
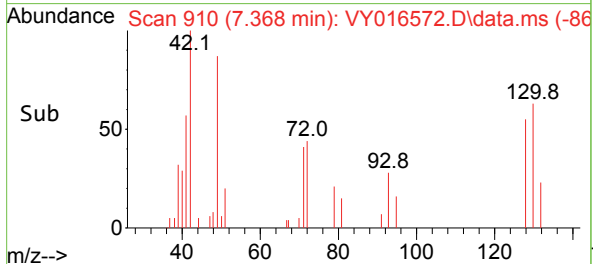
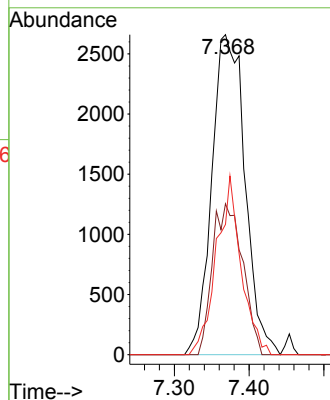
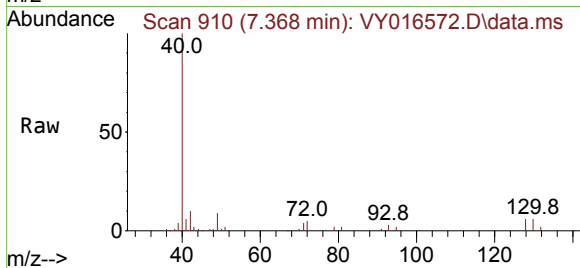
Tgt Ion: 42 Resp: 8198

Ion Ratio Lower Upper

42 100

72 42.9 32.8 49.2

71 41.6 31.0 46.4



#30

Chloroform

Concen: 5.167 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016572.D

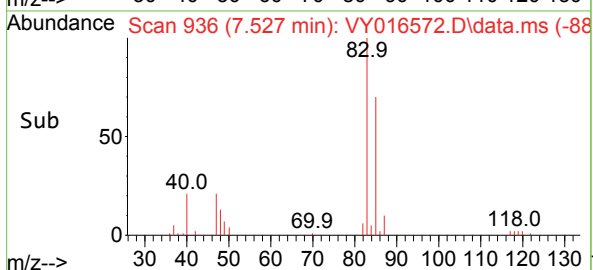
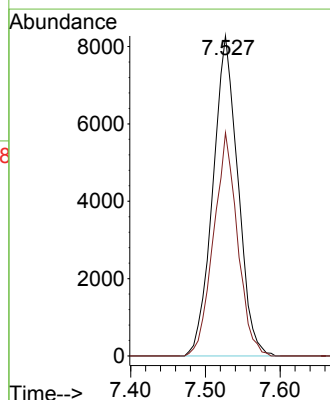
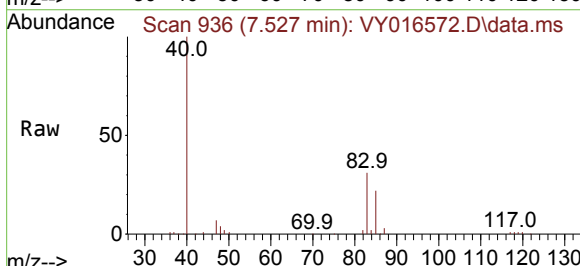
Acq: 04 Dec 2023 12:22

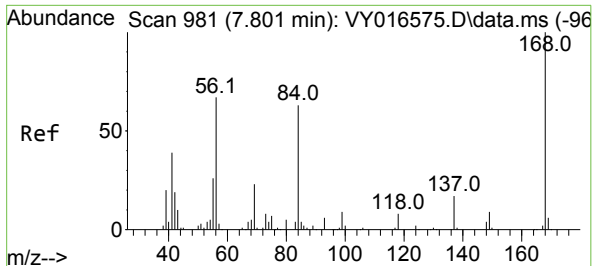
Tgt Ion: 83 Resp: 19303

Ion Ratio Lower Upper

83 100

85 69.7 49.7 74.5

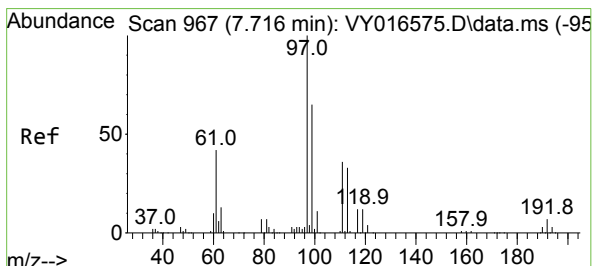
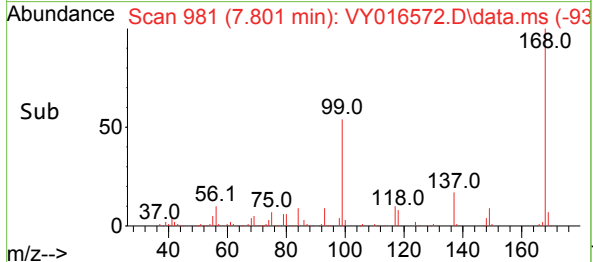
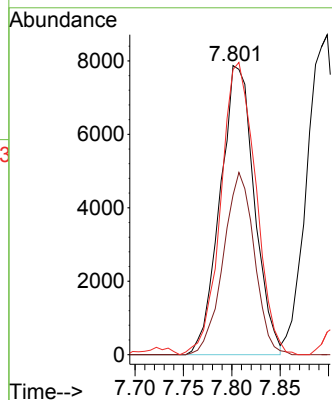
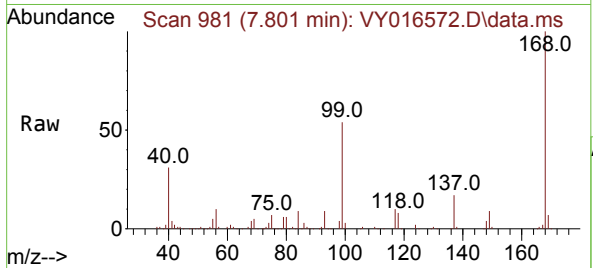




#31
Cyclohexane
Concen: 6.003 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

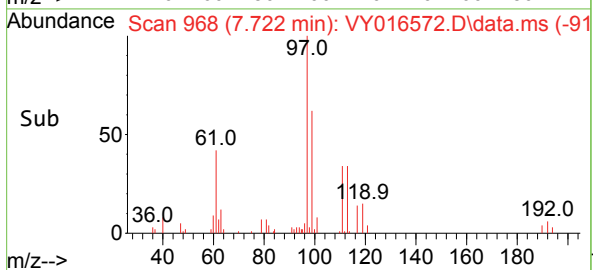
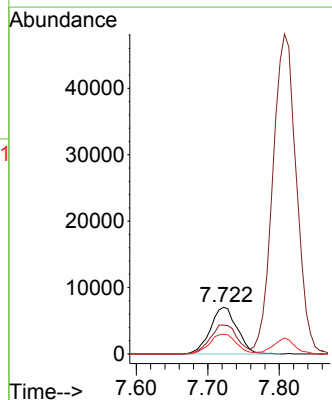
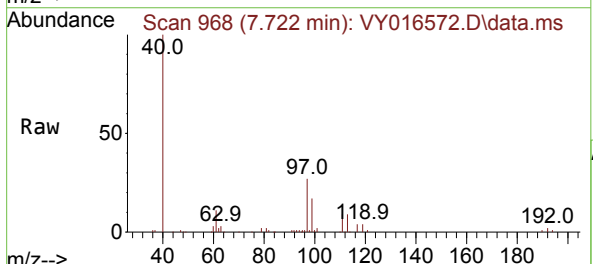
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

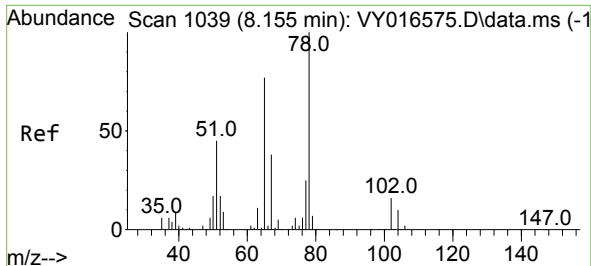
Tgt Ion: 56 Resp: 19371
Ion Ratio Lower Upper
56 100
69 55.1 27.8 41.6#
84 98.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 5.155 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 97 Resp: 18225
Ion Ratio Lower Upper
97 100
99 63.5 50.8 76.2
61 42.4 35.1 52.7

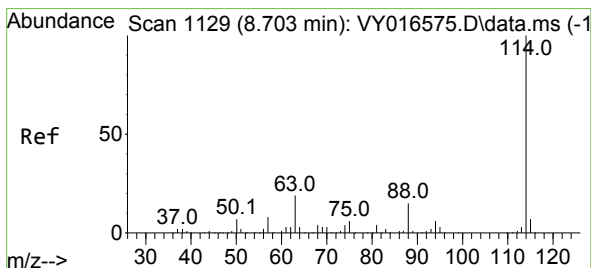
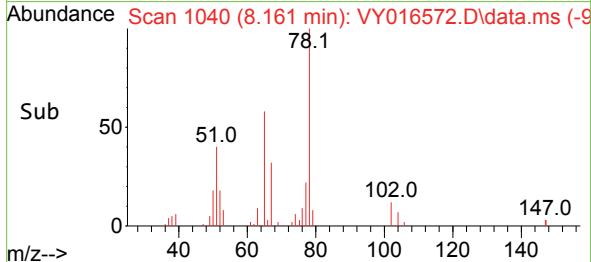
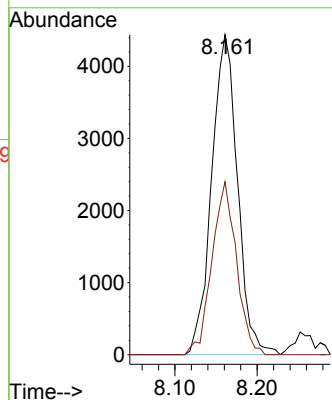
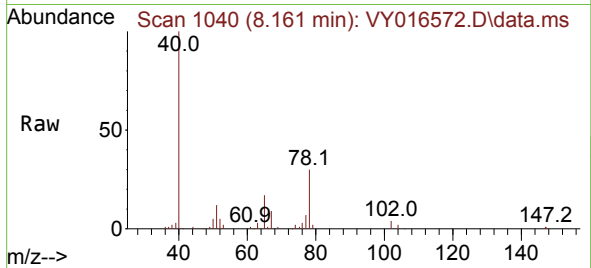




#33
1,2-Dichloroethane-d4
Concen: 5.138 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

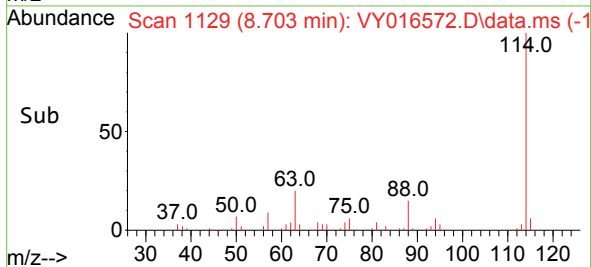
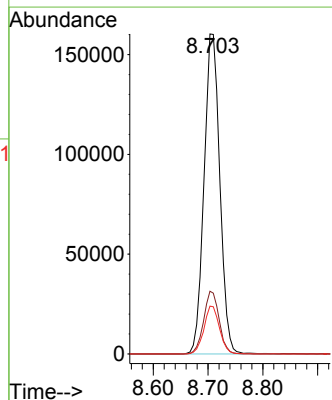
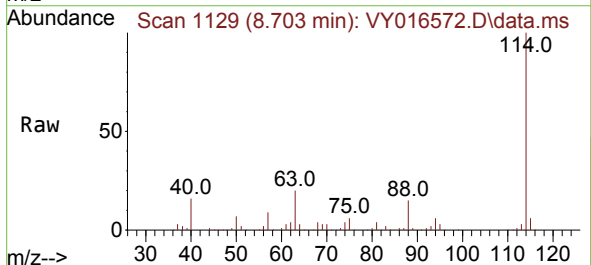
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

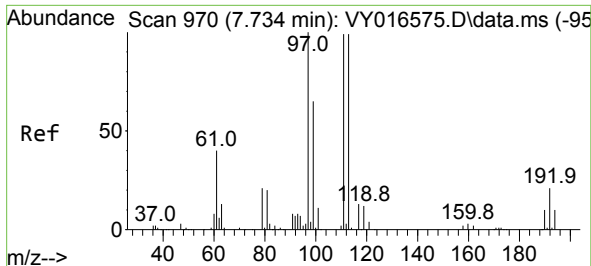
Tgt Ion: 65 Resp: 9712
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 114 Resp: 319948
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.4
88 14.9 0.0 30.6

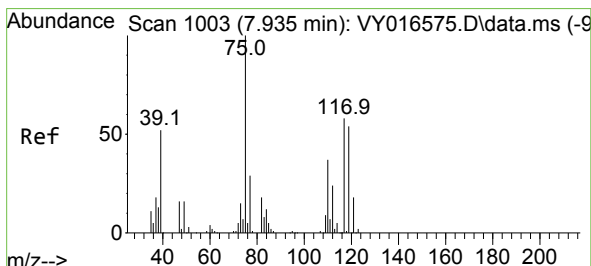
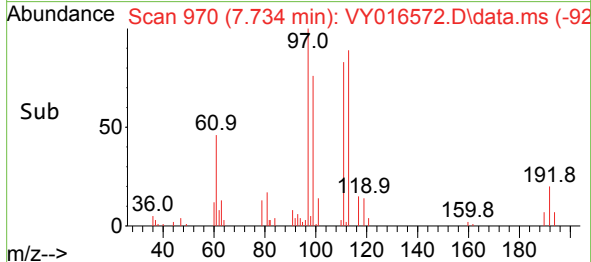
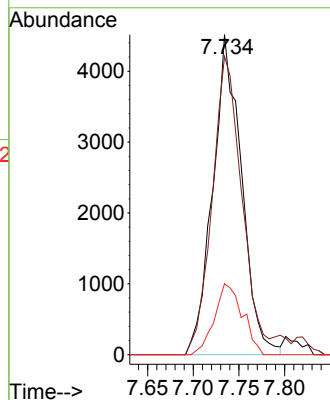
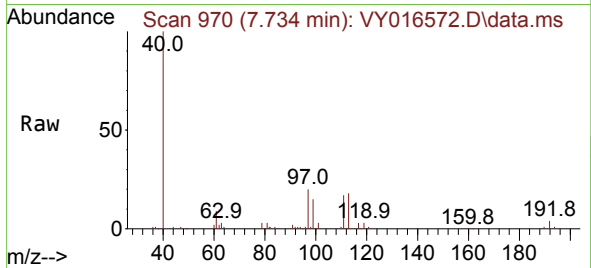




#35
Dibromofluoromethane
Concen: 5.134 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

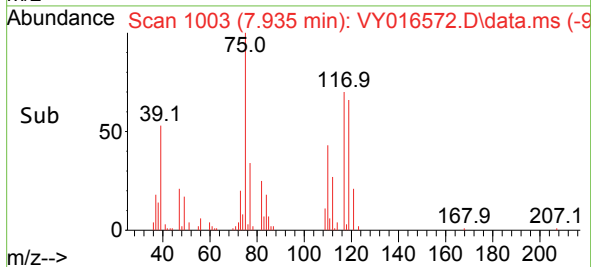
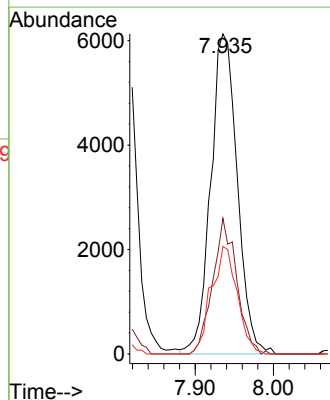
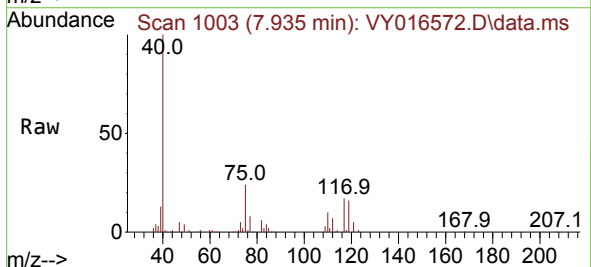
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

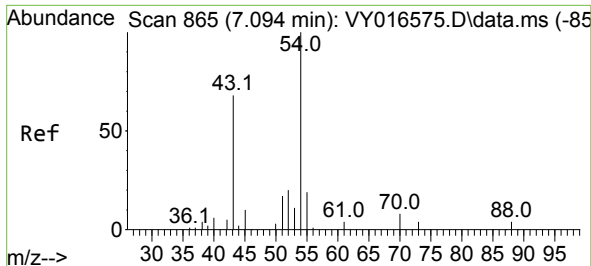
Tgt Ion:113 Resp: 9886
Ion Ratio Lower Upper
113 100
111 95.7 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.942 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 75 Resp: 14465
Ion Ratio Lower Upper
75 100
110 38.3 17.8 53.5
77 32.7 24.4 36.6

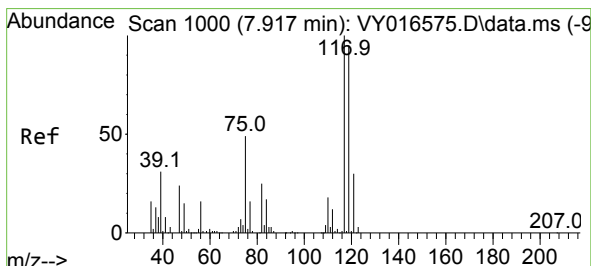
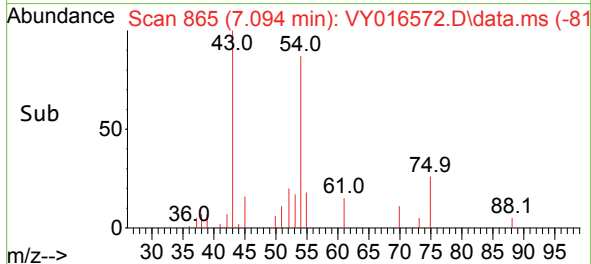
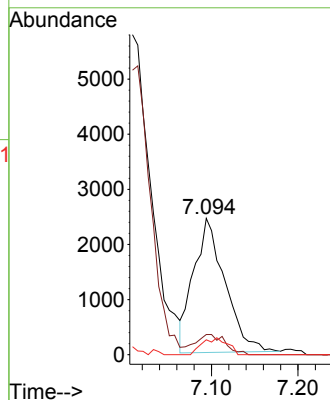
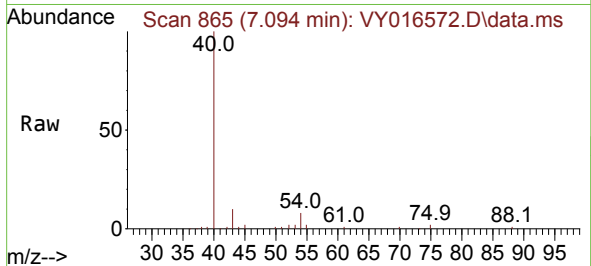




#37
Ethyl Acetate
Concen: 5.002 ug/l
RT: 7.094 min Scan# 865
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

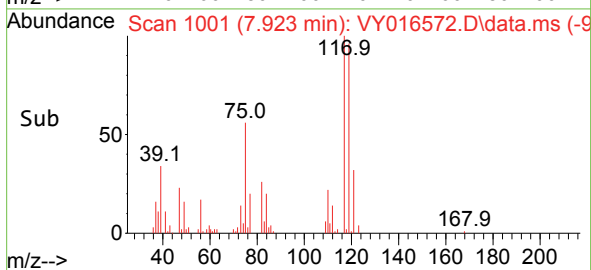
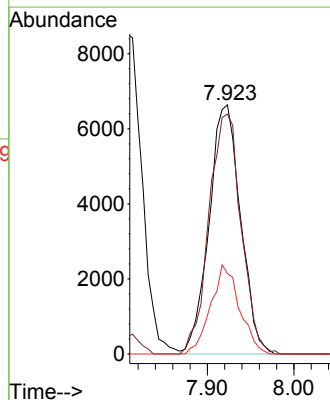
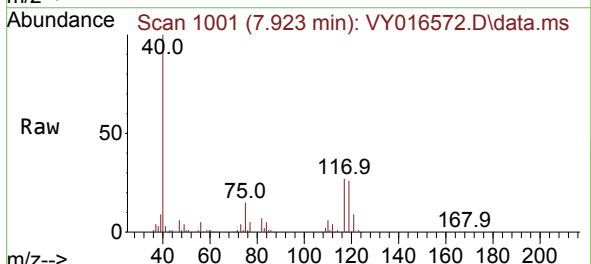
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

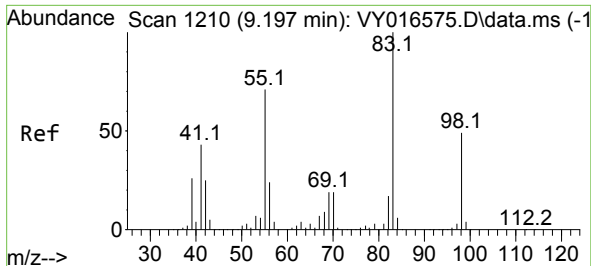
Tgt Ion:	43	Resp:	6126
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.1	15.1
70	10.1	7.1	10.7



#38
Carbon Tetrachloride
Concen: 4.950 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:	117	Resp:	16774
Ion	Ratio	Lower	Upper
117	100		
119	96.2	76.4	114.6
121	32.3	25.8	38.6

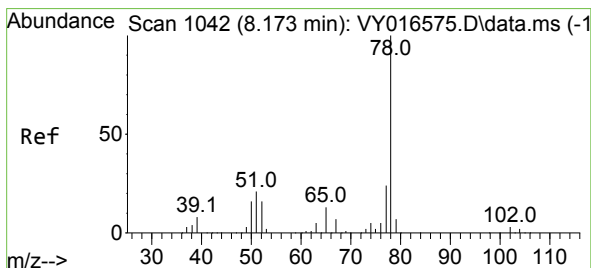
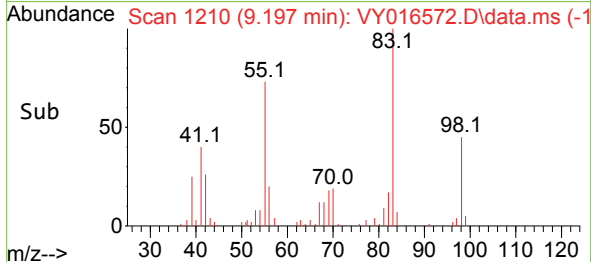
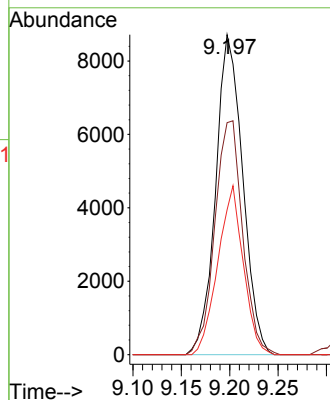
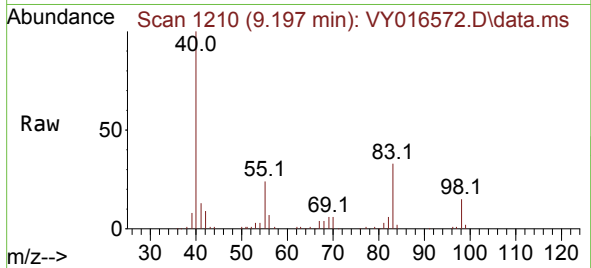




#39
Methylcyclohexane
Concen: 4.807 ug/l
RT: 9.197 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

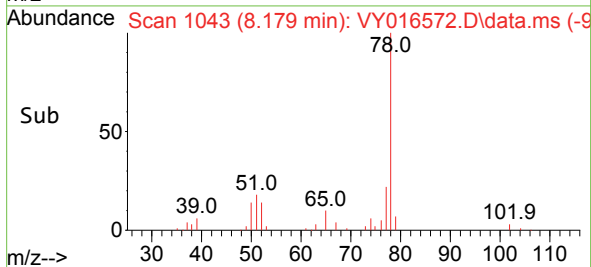
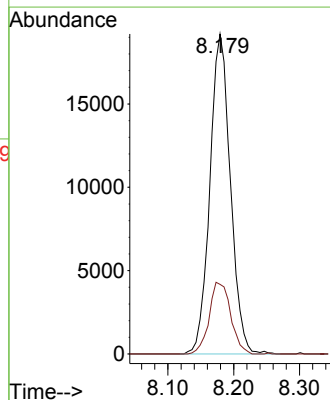
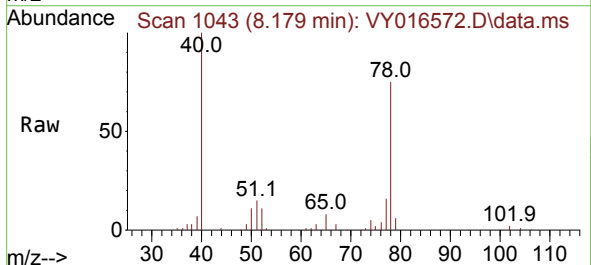
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

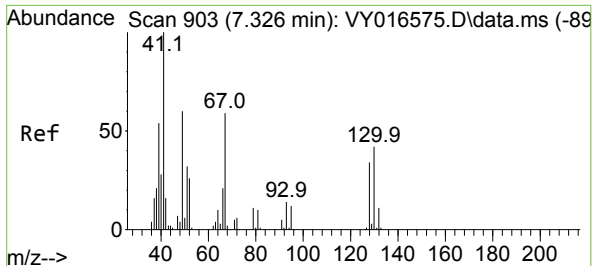
Tgt Ion: 83 Resp: 16952
Ion Ratio Lower Upper
83 100
55 72.5 63.0 94.4
98 45.2 37.4 56.2



#40
Benzene
Concen: 5.053 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 78 Resp: 41684
Ion Ratio Lower Upper
78 100
77 21.8 19.0 28.6

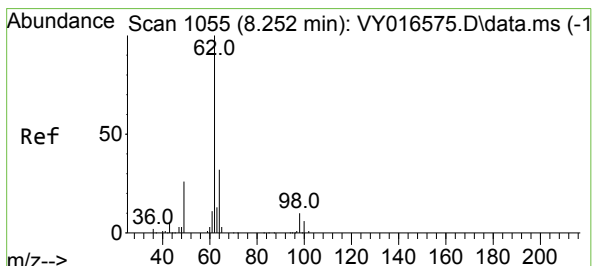
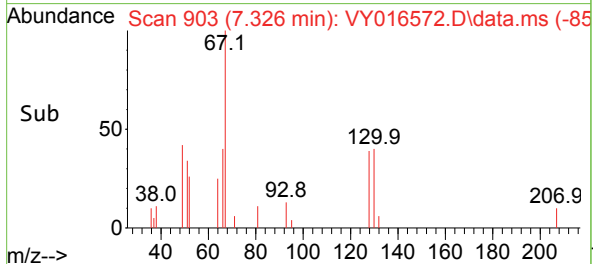
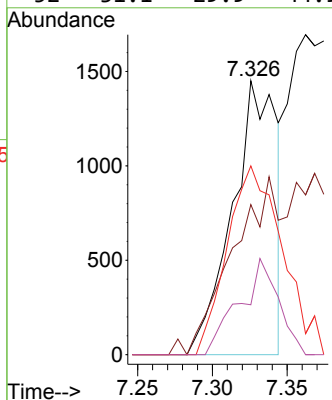
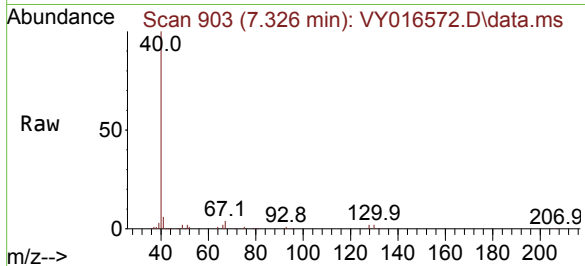




#41
Methacrylonitrile
Concen: 4.341 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

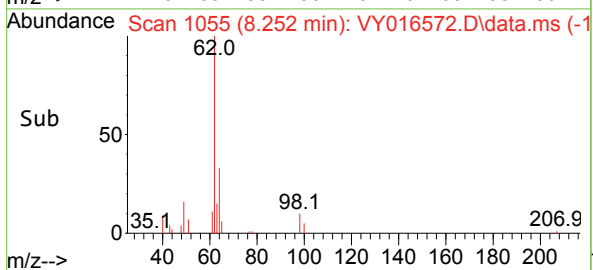
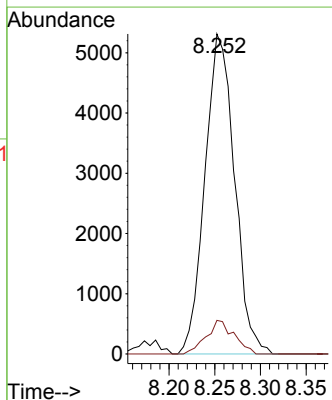
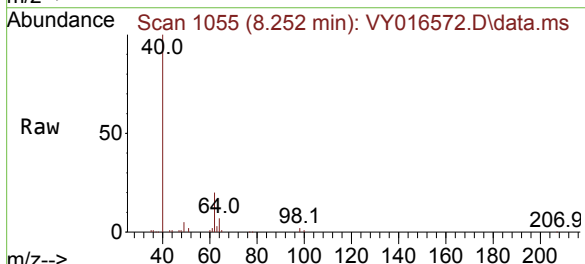
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

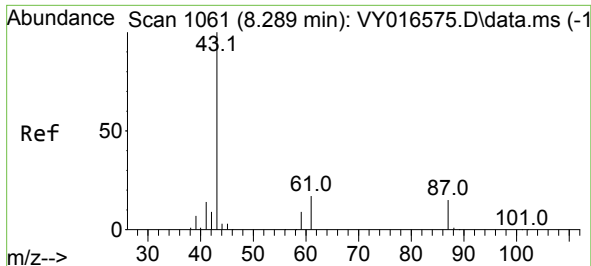
Tgt Ion:	41	Resp:	2994
Ion	Ratio	Lower	Upper
41	100		
39	66.9	52.1	78.1
67	85.7	66.2	99.2
52	31.1	29.9	44.9



#42
1,2-Dichloroethane
Concen: 4.997 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:	62	Resp:	11970
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	15.8

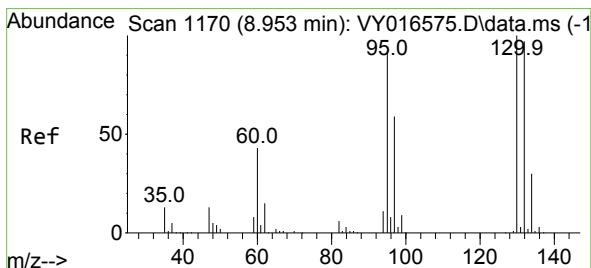
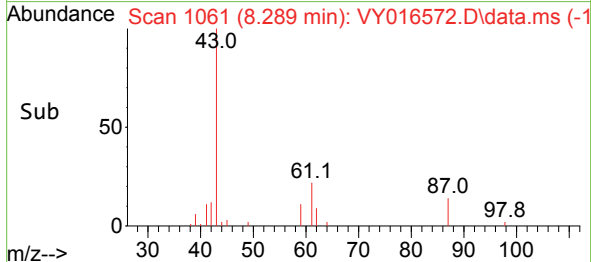
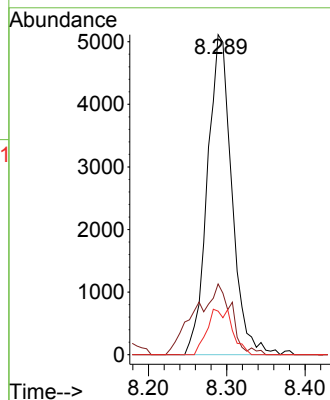
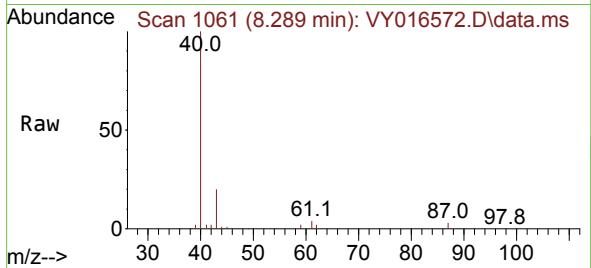




#43
Isopropyl Acetate
Concen: 4.671 ug/l
RT: 8.289 min Scan# 11035
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

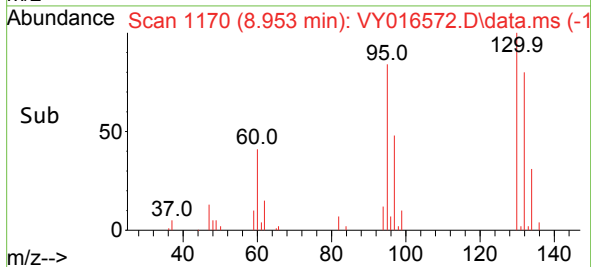
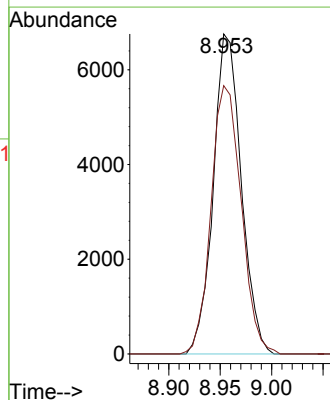
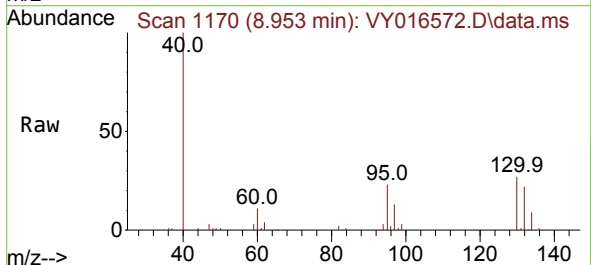
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

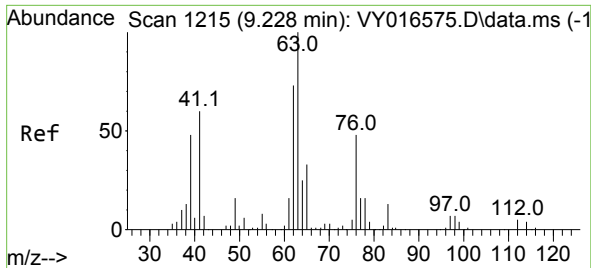
Tgt Ion	Ratio	Lower	Upper
43	100		
61	33.2	21.1	31.7#
87	14.7	9.8	14.8



#44
Trichloroethene
Concen: 5.146 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	83.9	0.0	196.0

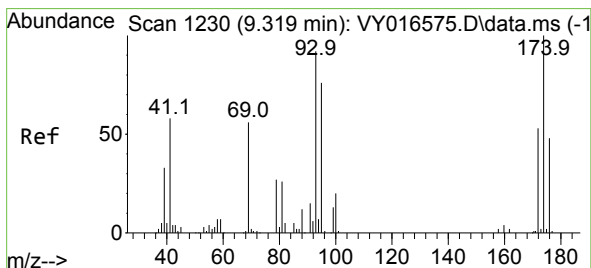
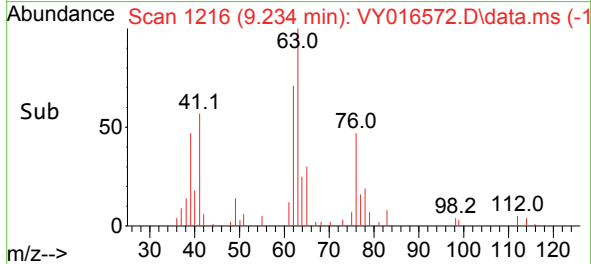
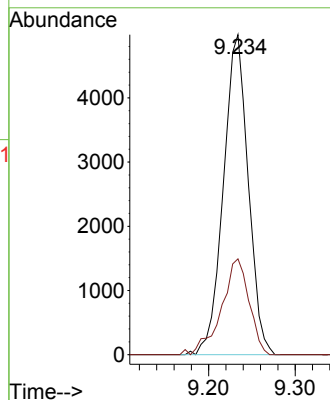
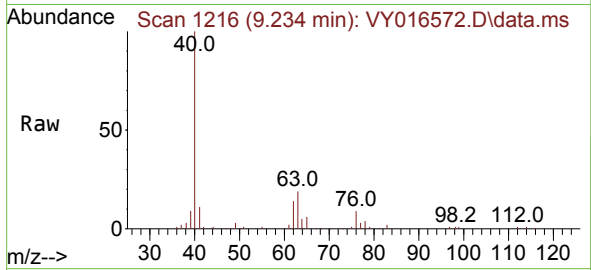




#45
1,2-Dichloropropane
Concen: 4.989 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

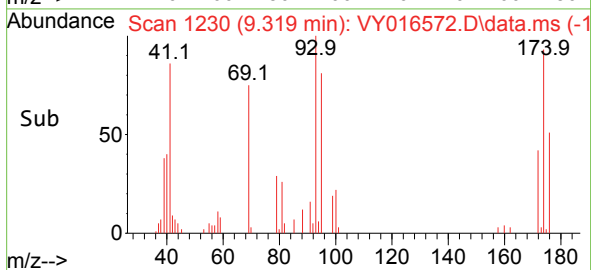
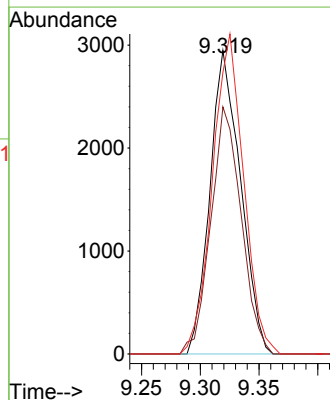
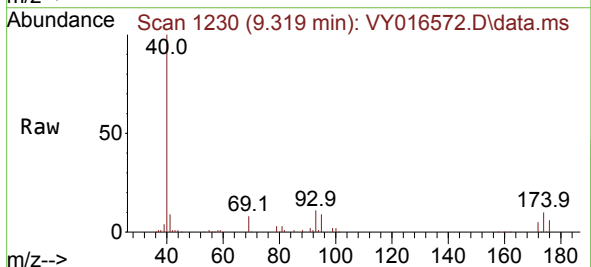
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

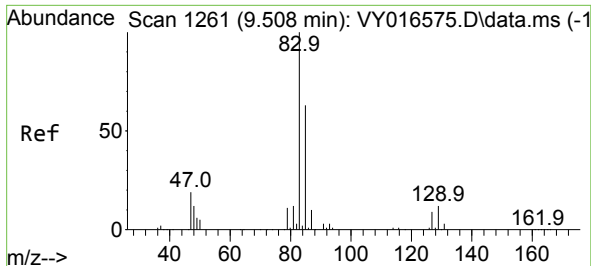
Tgt Ion: 63 Resp: 9910
Ion Ratio Lower Upper
63 100
65 29.9 23.8 35.6



#46
Dibromomethane
Concen: 4.907 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 93 Resp: 5343
Ion Ratio Lower Upper
93 100
95 80.8 66.6 100.0
174 107.3 84.8 127.2

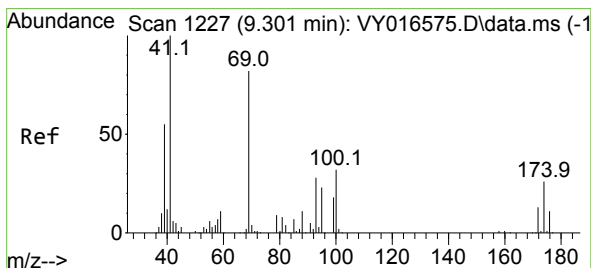
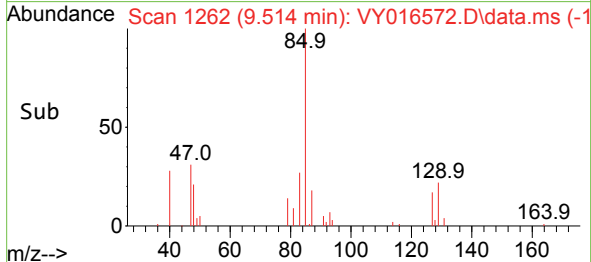
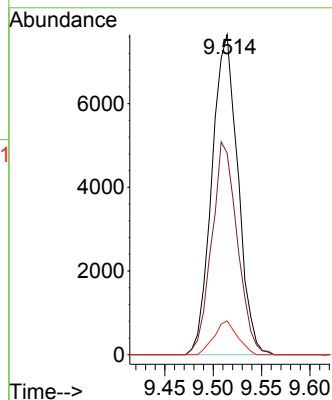
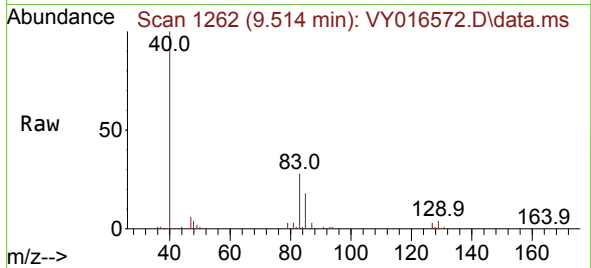




#47
Bromodichloromethane
Concen: 4.926 ug/l
RT: 9.514 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

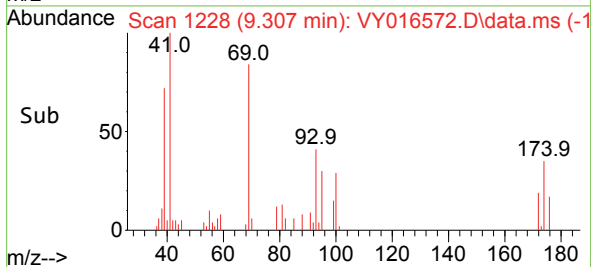
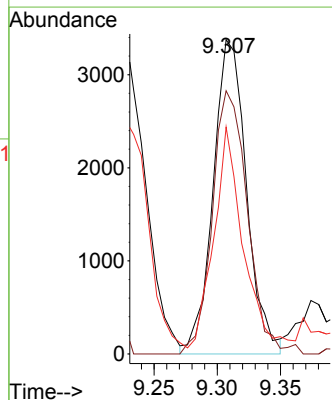
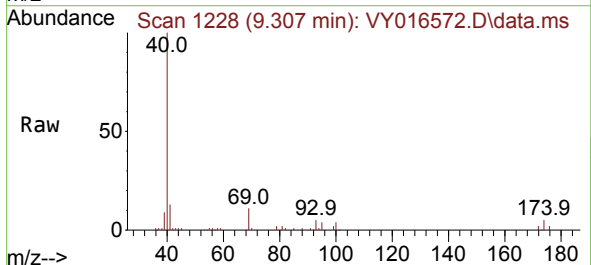
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

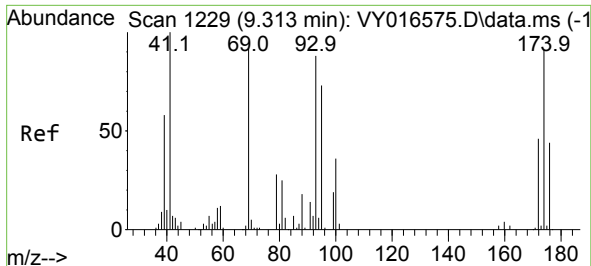
Tgt Ion: 83 Resp: 14279
Ion Ratio Lower Upper
83 100
85 63.1 50.1 75.1
127 10.6 7.1 10.7



#48
Methyl methacrylate
Concen: 4.550 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 41 Resp: 6208
Ion Ratio Lower Upper
41 100
69 88.2 64.5 96.7
39 61.4 50.8 76.2

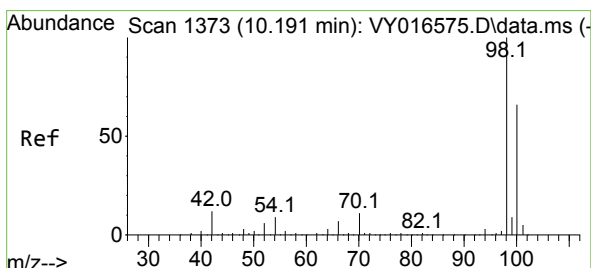
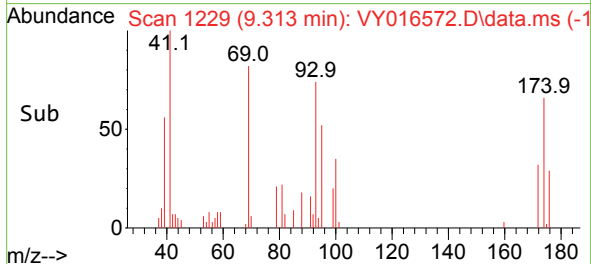
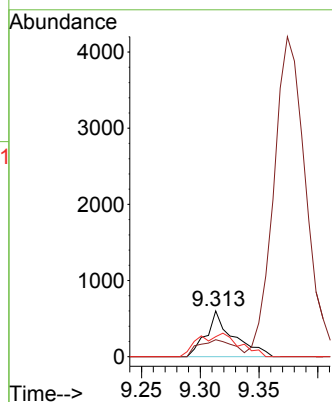
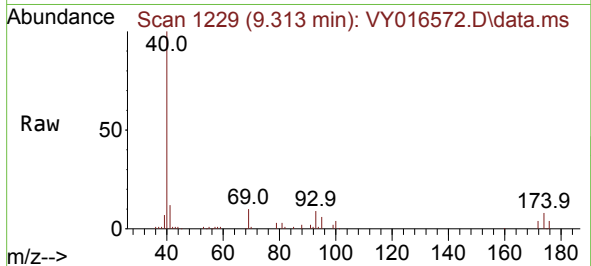




#49
1,4-Dioxane
Concen: 87.197 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

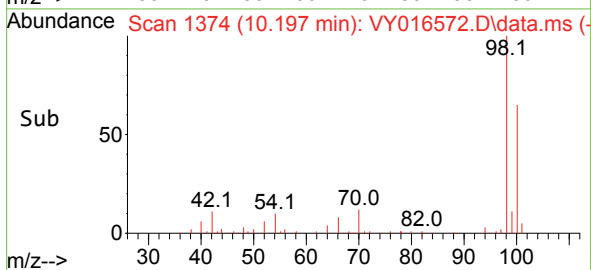
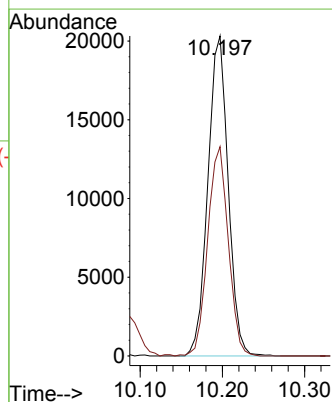
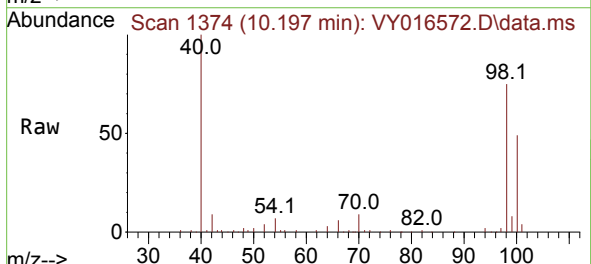
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

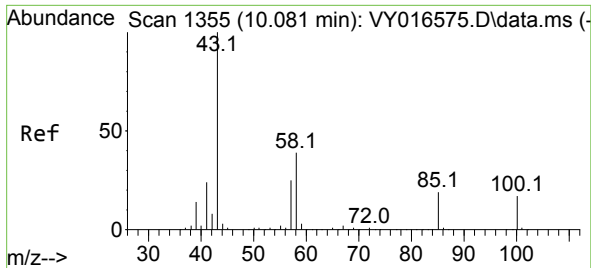
Tgt Ion: 88 Resp: 961
Ion Ratio Lower Upper
88 100
43 47.8 0.0 0.0#
58 77.5 30.9 46.3#



#50
Toluene-d8
Concen: 4.776 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 98 Resp: 34784
Ion Ratio Lower Upper
98 100
100 66.4 50.1 75.1

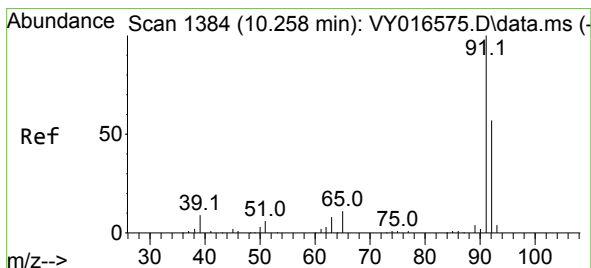
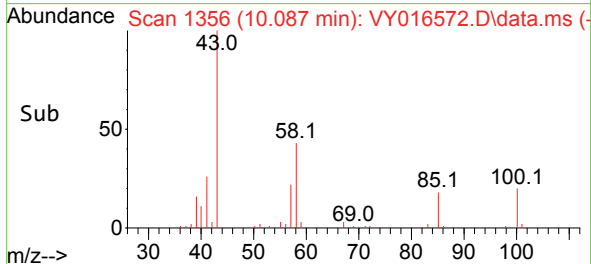
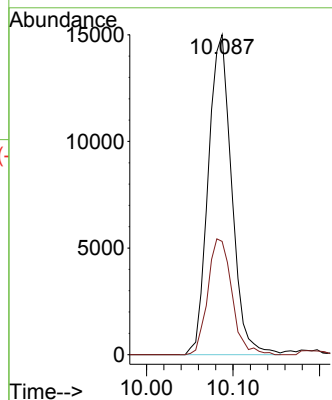
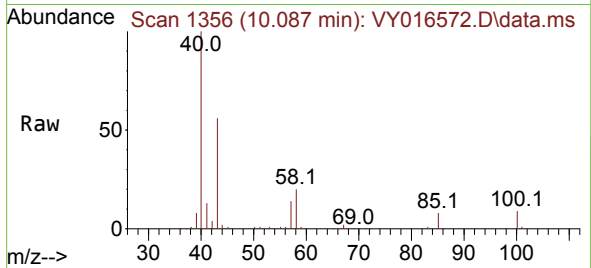




#51
4-Methyl-2-Pentanone
Concen: 22.961 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

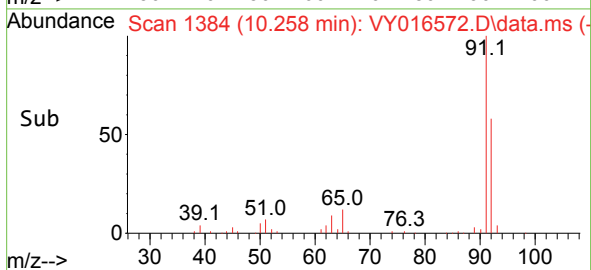
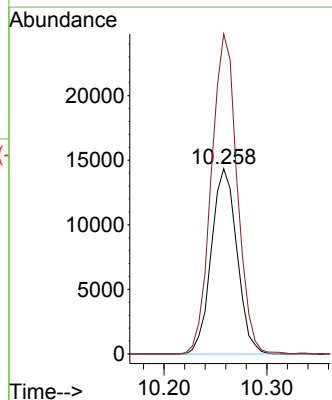
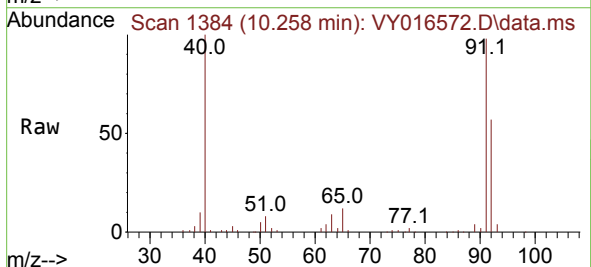
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

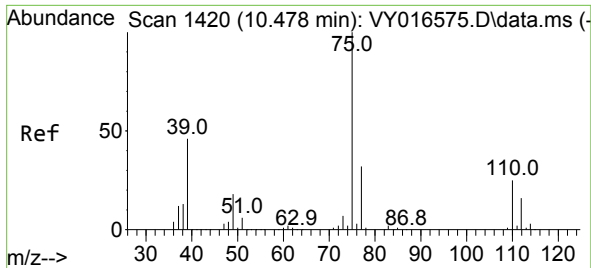
Tgt Ion: 43 Resp: 28192
Ion Ratio Lower Upper
43 100
58 37.2 29.0 43.6



#52
Toluene
Concen: 4.802 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 92 Resp: 24828
Ion Ratio Lower Upper
92 100
91 173.9 143.8 215.6

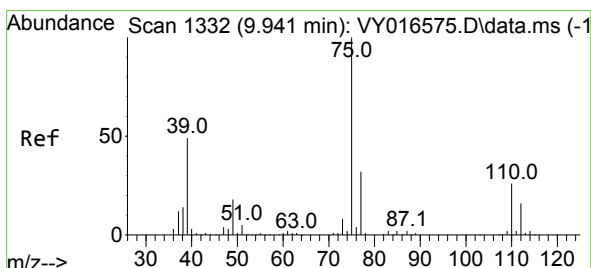
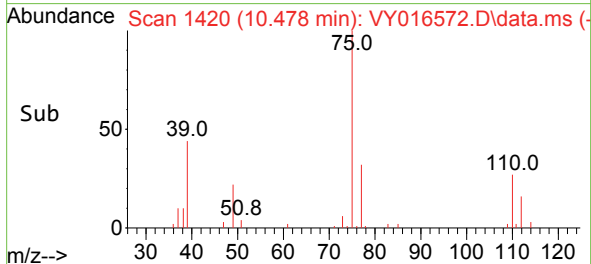
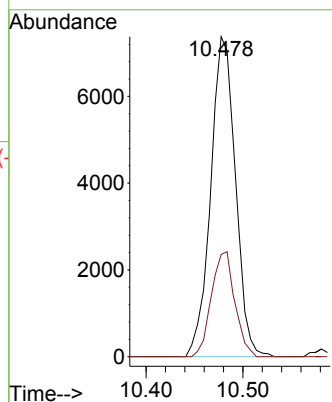
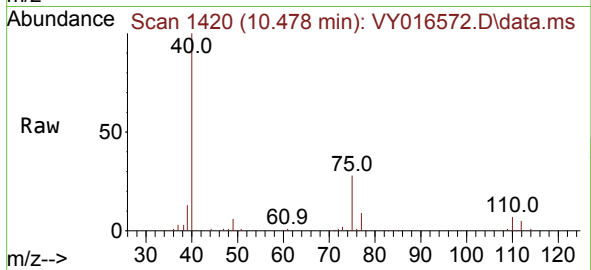




#53
 t-1,3-Dichloropropene
 Concen: 4.792 ug/l
 RT: 10.478 min Scan# 1420
 Delta R.T. -0.000 min
 Lab File: VY016572.D
 Acq: 04 Dec 2023 12:22

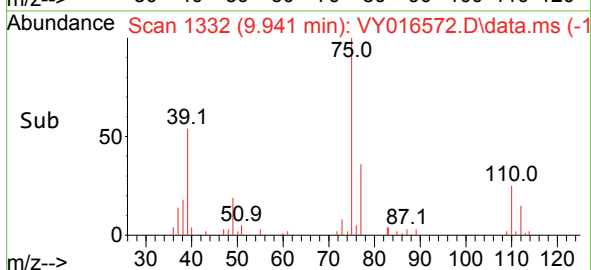
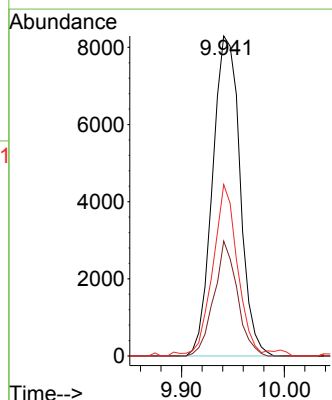
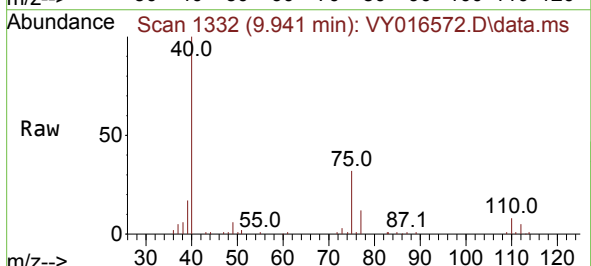
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

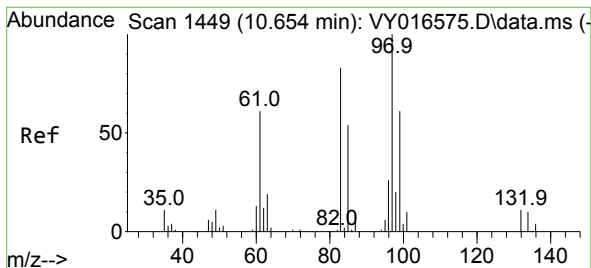
Tgt Ion: 75 Resp: 13109
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 4.782 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016572.D
 Acq: 04 Dec 2023 12:22

Tgt Ion: 75 Resp: 15363
 Ion Ratio Lower Upper
 75 100
 77 35.9 24.2 36.4
 39 52.7 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 4.843 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 7346

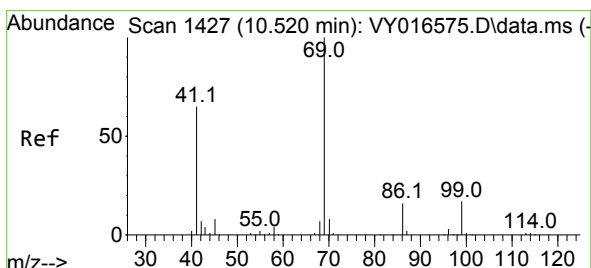
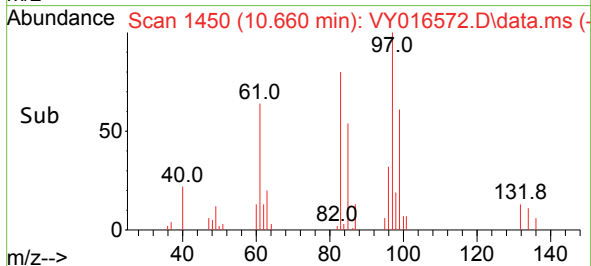
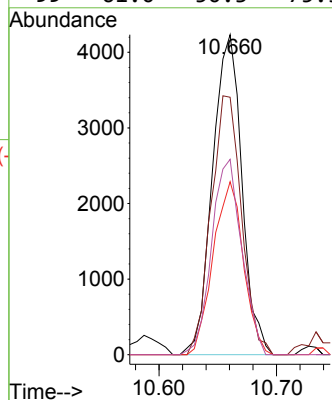
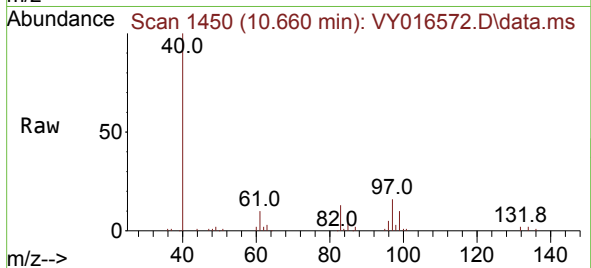
Ion Ratio Lower Upper

97 100

83 80.5 72.0 108.0

85 54.1 45.4 68.0

99 61.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 4.334 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

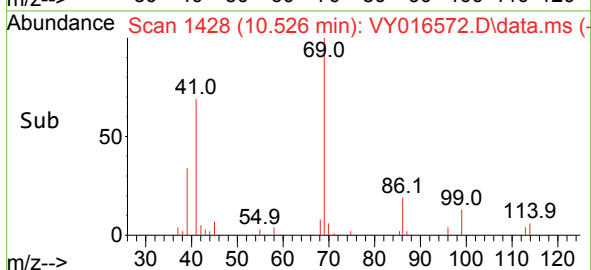
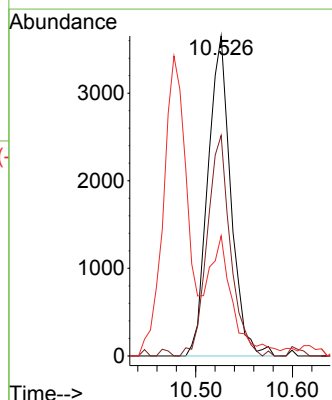
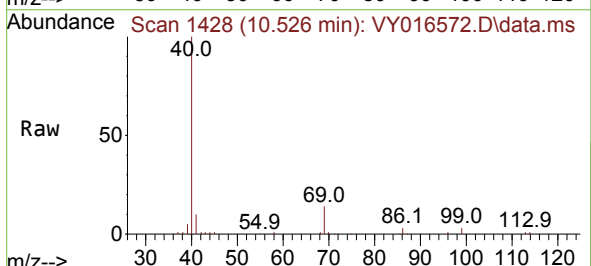
Tgt Ion: 69 Resp: 6026

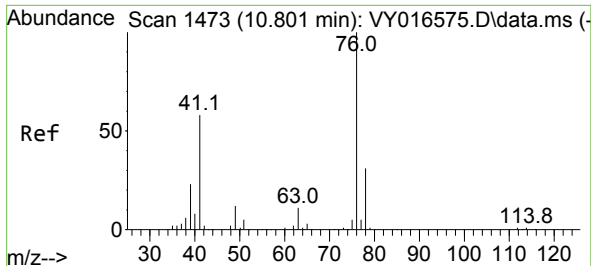
Ion Ratio Lower Upper

69 100

41 69.9 57.6 86.4

39 37.0 34.1 51.1

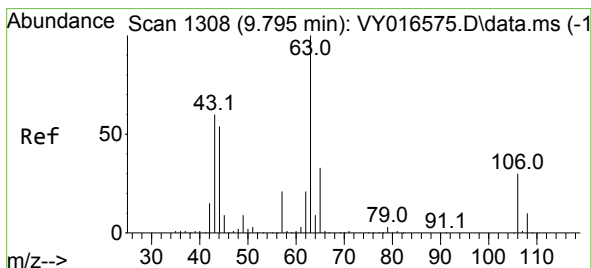
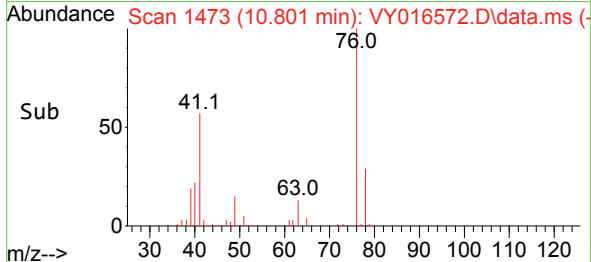
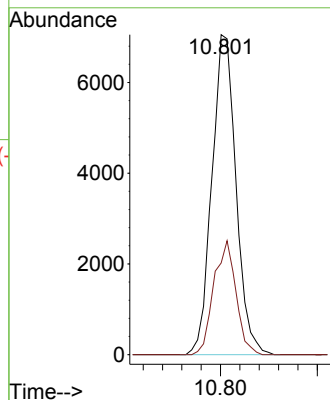
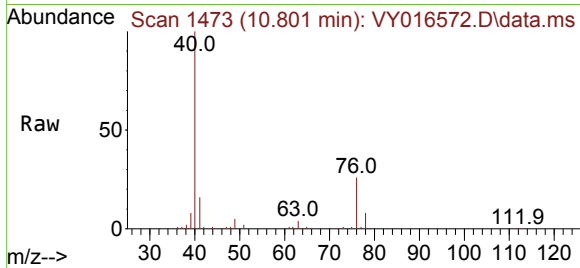




#57
1,3-Dichloropropane
Concen: 4.755 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

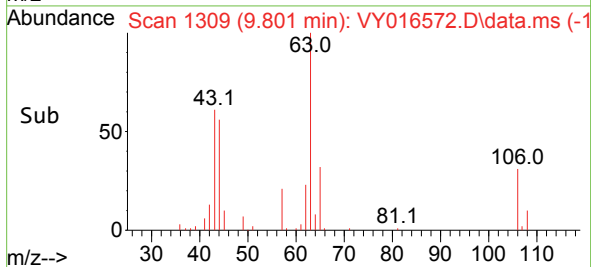
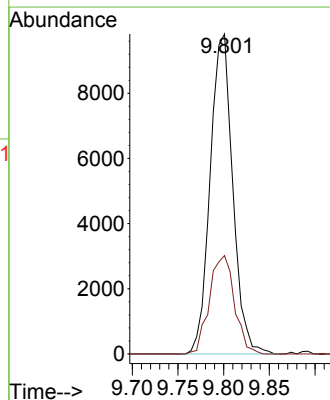
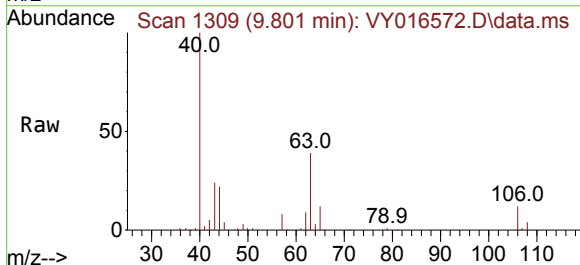
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

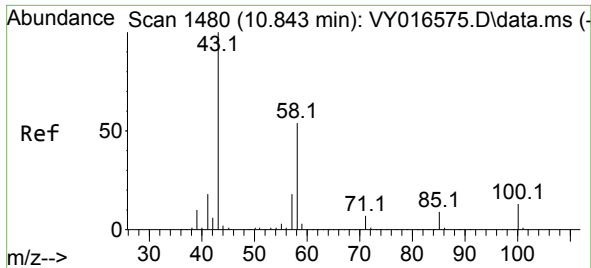
Tgt Ion: 76 Resp: 12183
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 19.686 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 63 Resp: 16867
Ion Ratio Lower Upper
63 100
106 34.1 21.2 31.8#

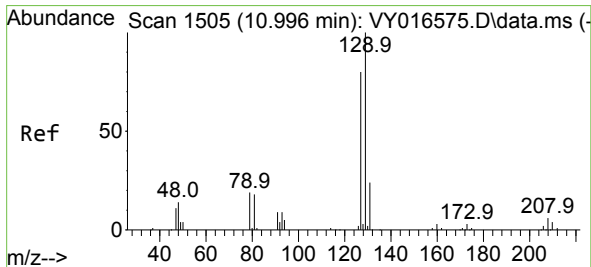
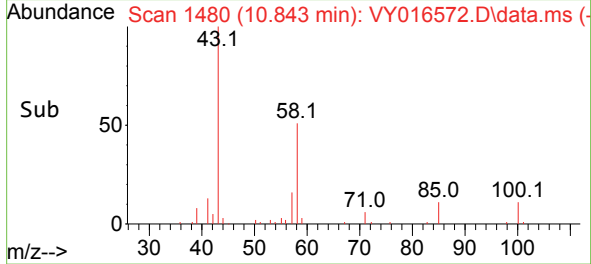
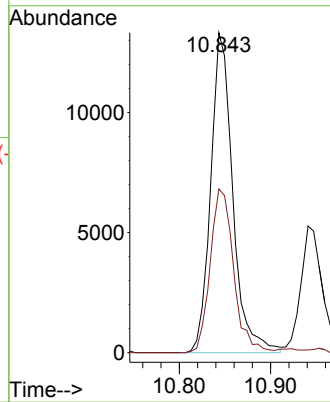
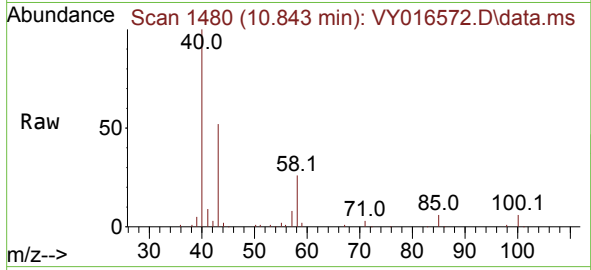




#59
2-Hexanone
Concen: 24.058 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

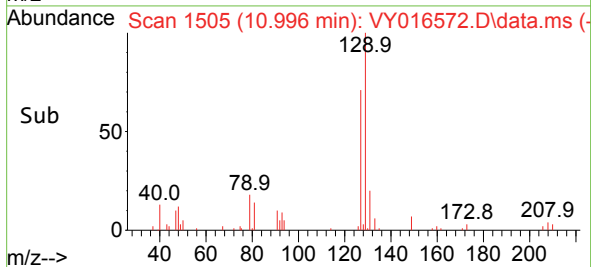
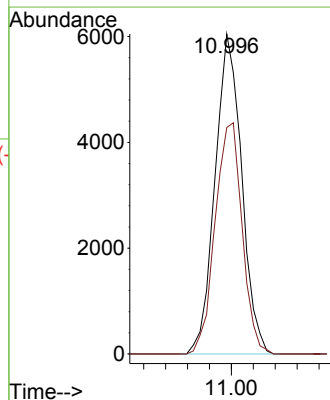
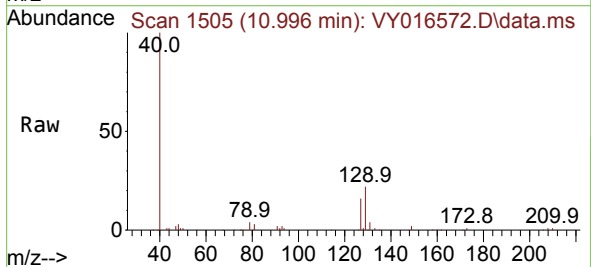
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

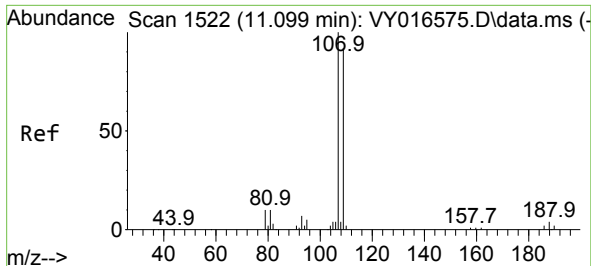
Tgt Ion: 43 Resp: 22346
Ion Ratio Lower Upper
43 100
58 54.2 25.1 75.3



#60
Dibromochloromethane
Concen: 5.035 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 129 Resp: 10203
Ion Ratio Lower Upper
129 100
127 73.4 38.5 115.5

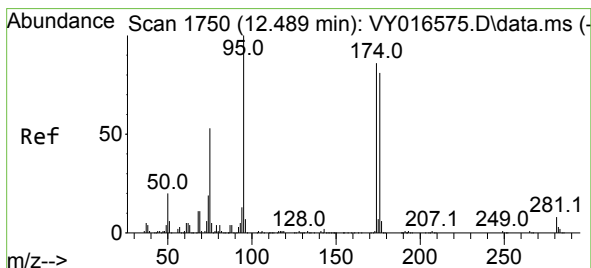
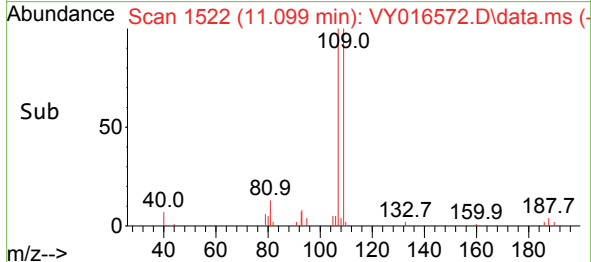
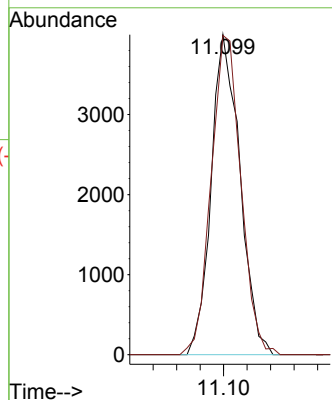
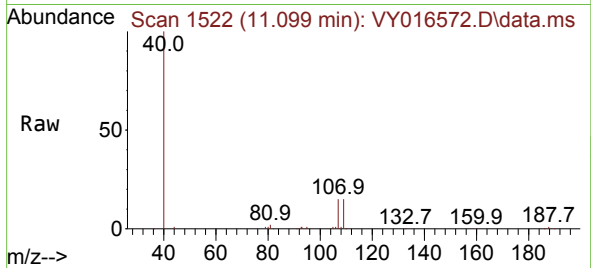




#61
1,2-Dibromoethane
Concen: 4.767 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

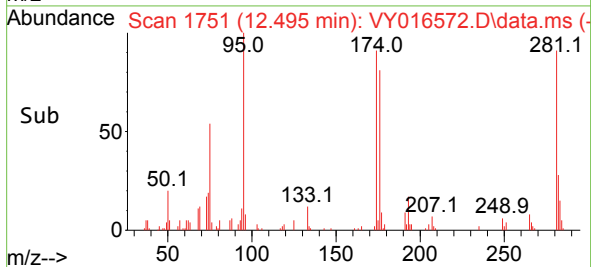
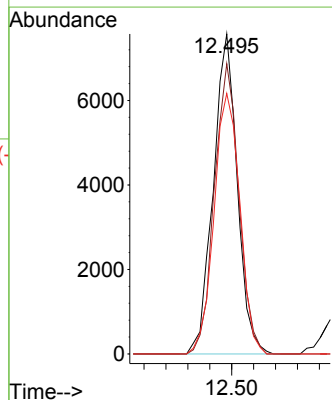
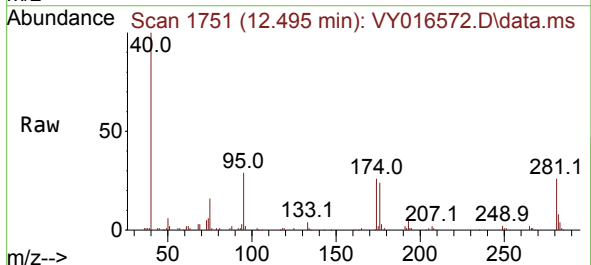
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

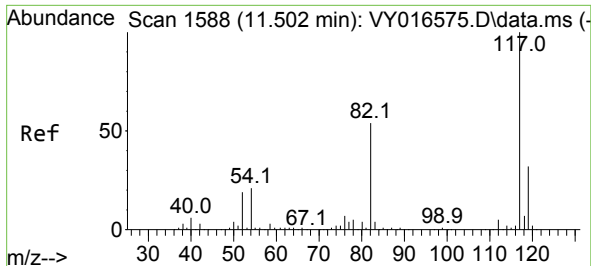
Tgt Ion:107 Resp: 6800
Ion Ratio Lower Upper
107 100
109 102.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.790 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 95 Resp: 11472
Ion Ratio Lower Upper
95 100
174 93.0 0.0 178.2
176 87.8 0.0 173.8

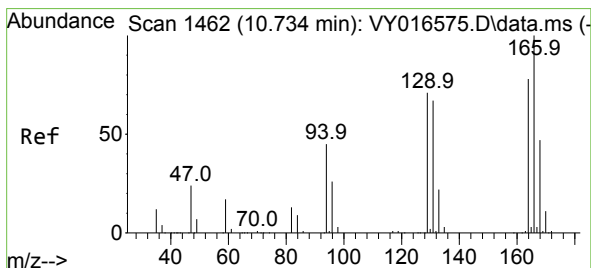
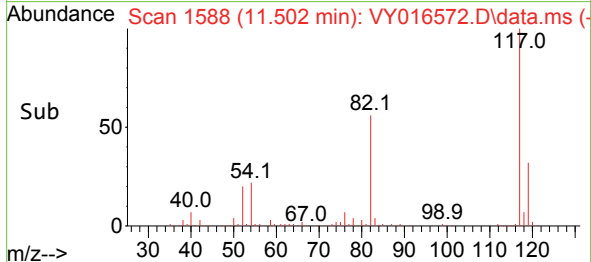
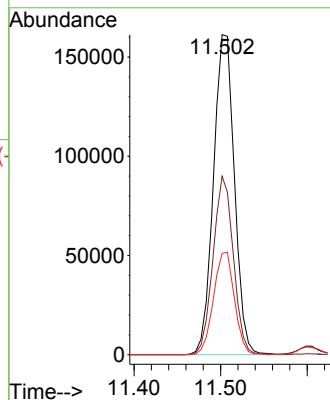
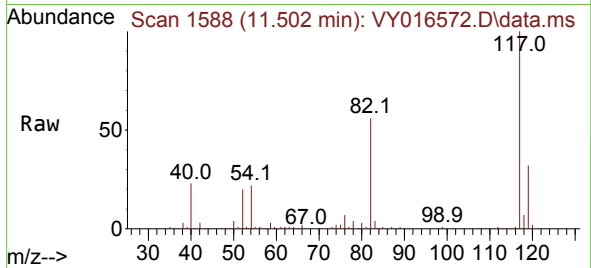




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

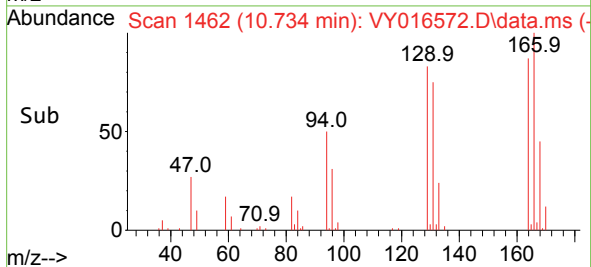
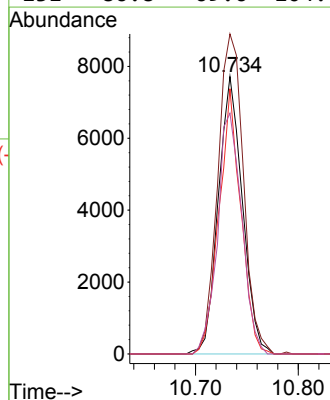
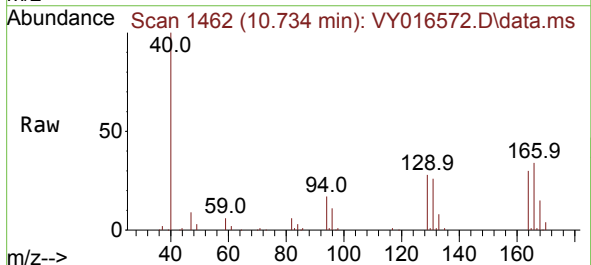
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

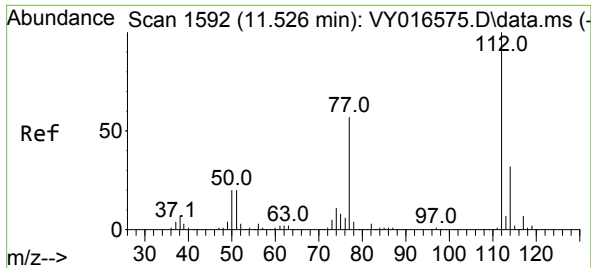
Tgt Ion:117 Resp: 271890
Ion Ratio Lower Upper
117 100
82 55.8 43.4 65.0
119 31.7 26.3 39.5



#64
Tetrachloroethene
Concen: 5.037 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:164 Resp: 12550
Ion Ratio Lower Upper
164 100
166 115.3 103.0 154.6
129 95.6 77.2 115.8
131 86.8 69.6 104.4

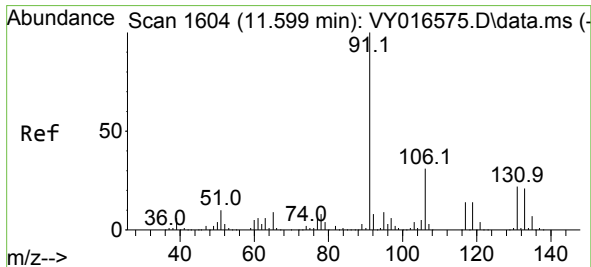
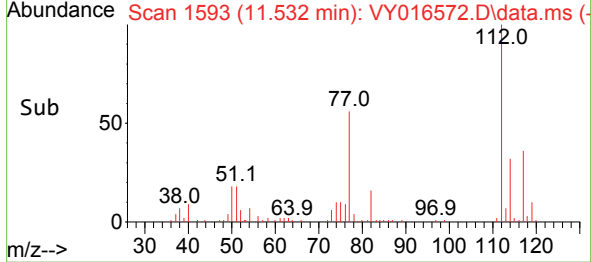
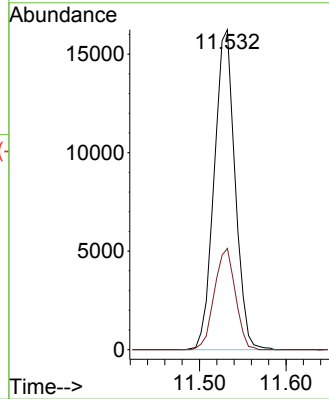
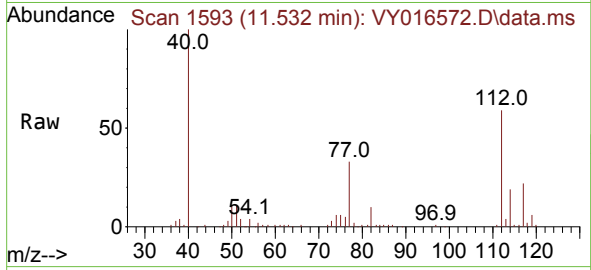




#65
Chlorobenzene
Concen: 4.934 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

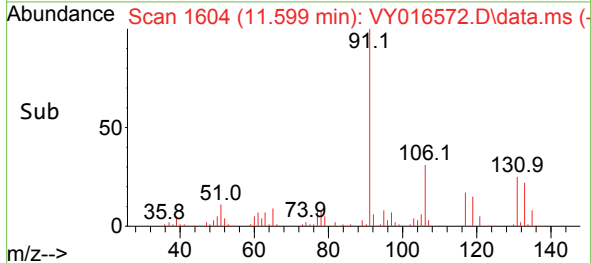
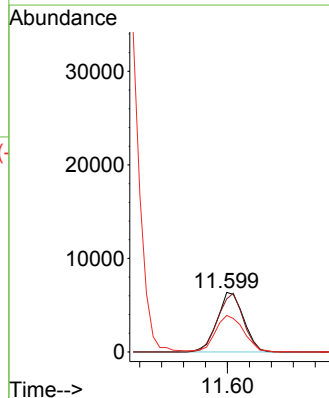
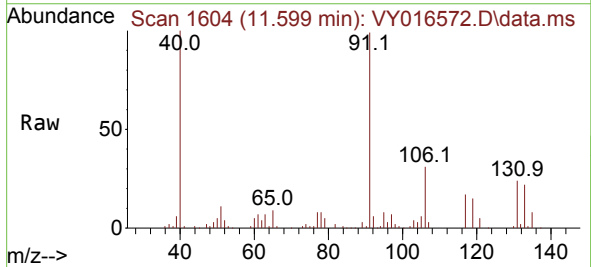
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

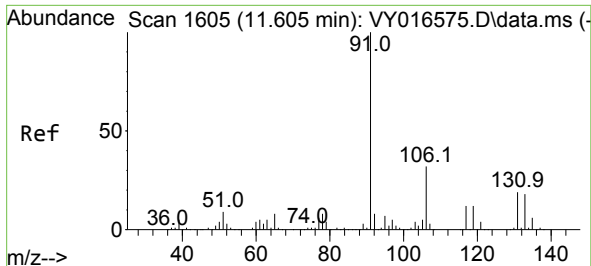
Tgt Ion:112 Resp: 27174
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.935 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

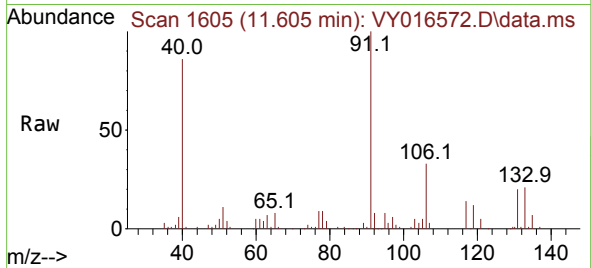
Tgt Ion:131 Resp: 10623
Ion Ratio Lower Upper
131 100
133 96.4 47.5 142.6
119 65.9 31.6 94.7



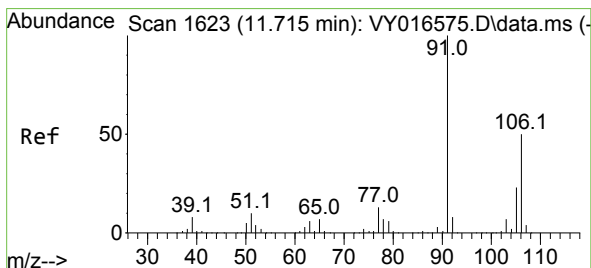
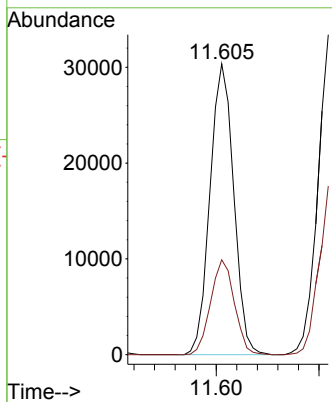
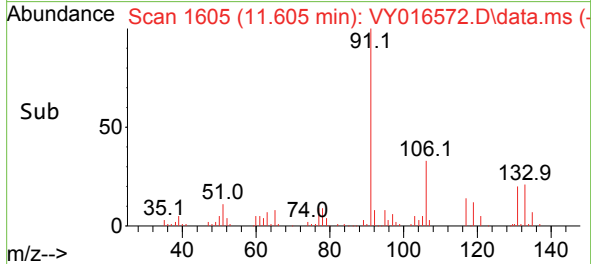


#67
Ethyl Benzene
Concen: 4.921 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

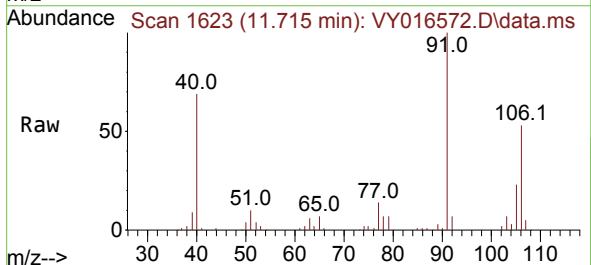
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005



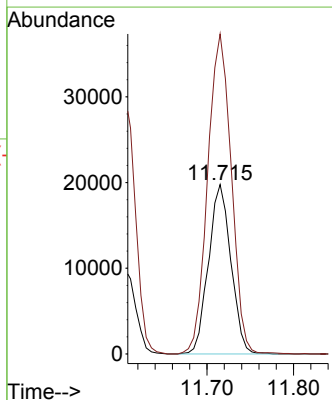
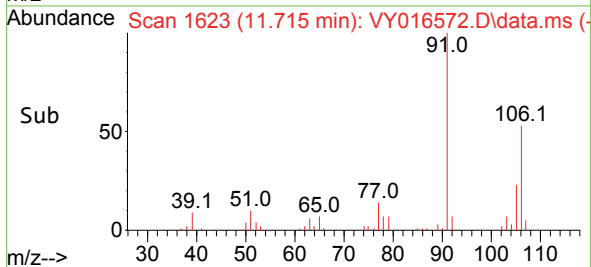
Tgt Ion: 91 Resp: 48605
Ion Ratio Lower Upper
91 100
106 32.6 24.6 36.8

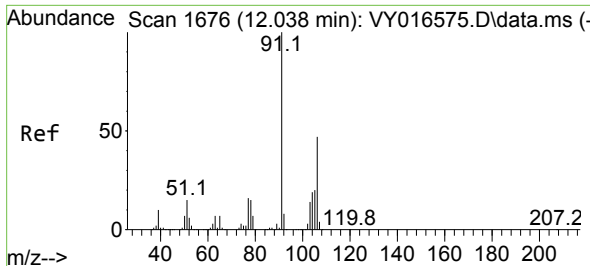


#68
m/p-Xylenes
Concen: 9.490 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22



Tgt Ion: 106 Resp: 35579
Ion Ratio Lower Upper
106 100
91 199.2 166.1 249.1

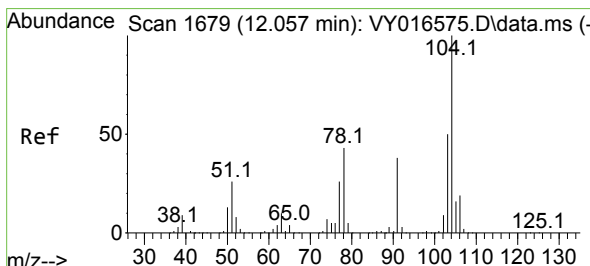
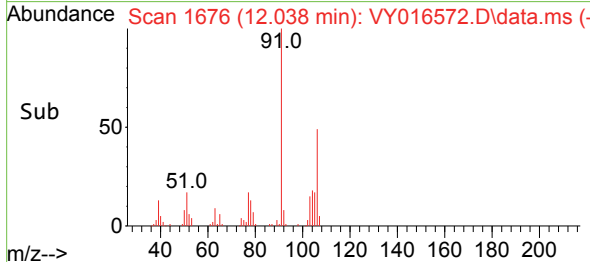
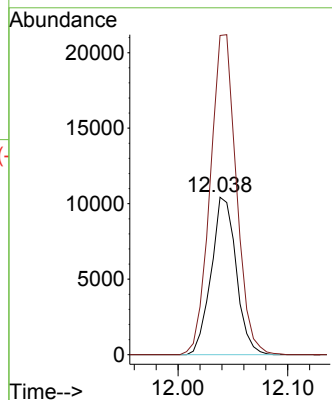
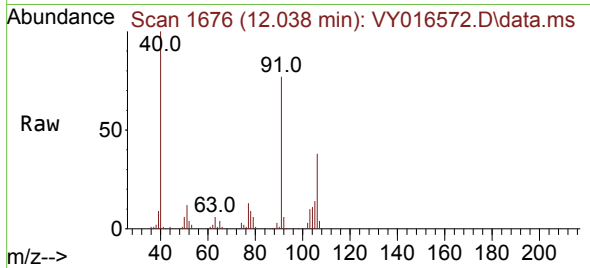




#69
o-Xylene
Concen: 4.721 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

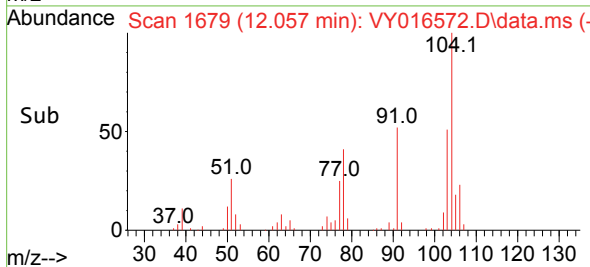
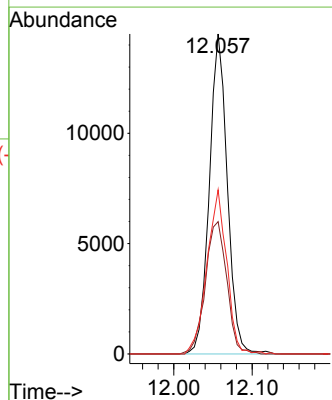
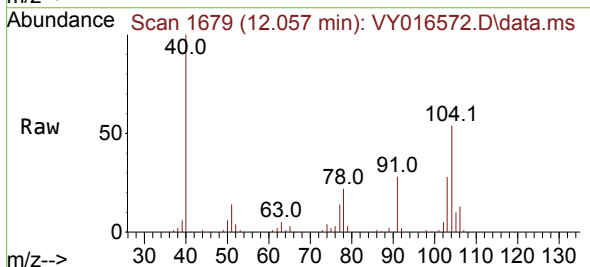
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

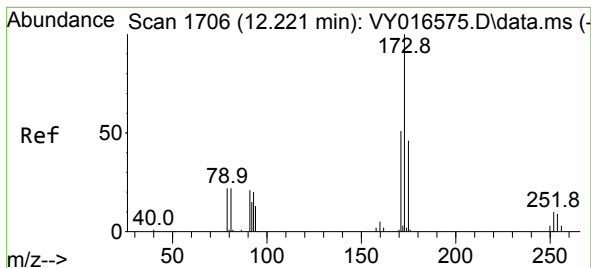
Tgt Ion:106 Resp: 16523
Ion Ratio Lower Upper
106 100
91 212.6 108.1 324.3



#70
Styrene
Concen: 4.614 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:104 Resp: 23169
Ion Ratio Lower Upper
104 100
78 49.1 41.5 62.3
103 56.4 44.6 67.0





#71

Bromoform

Concen: 4.703 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

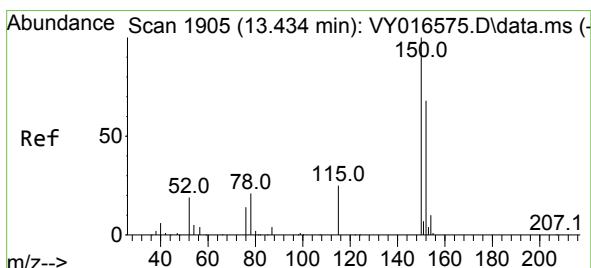
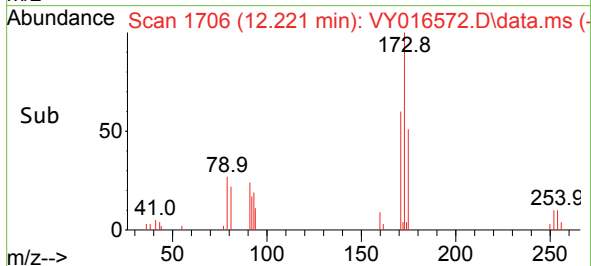
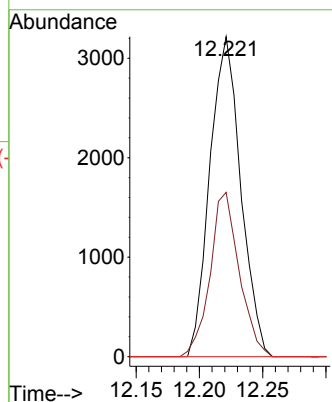
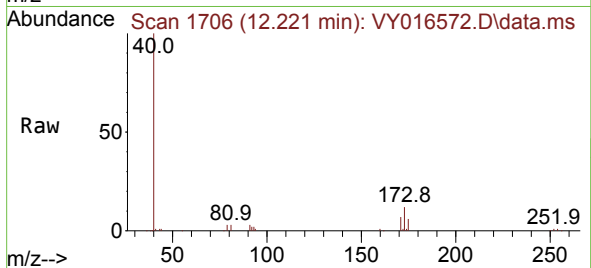
Tgt Ion:173 Resp: 5466

Ion Ratio Lower Upper

173 100

175 48.4 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: VY016572.D

Acq: 04 Dec 2023 12:22

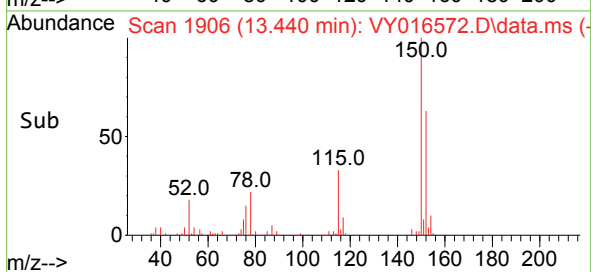
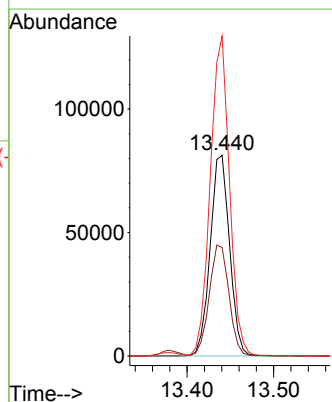
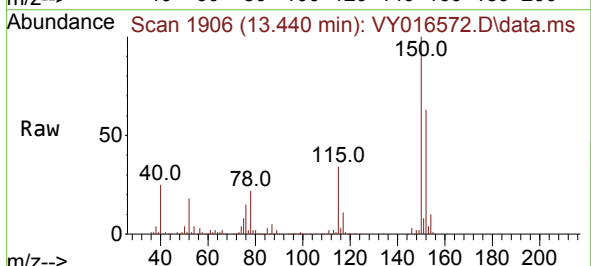
Tgt Ion:152 Resp: 126589

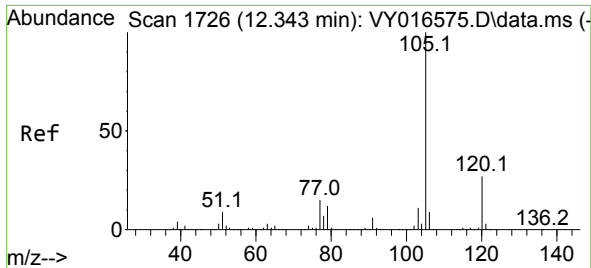
Ion Ratio Lower Upper

152 100

115 56.1 28.8 86.5

150 157.6 0.0 348.8

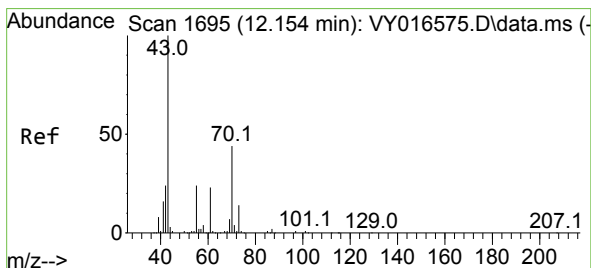
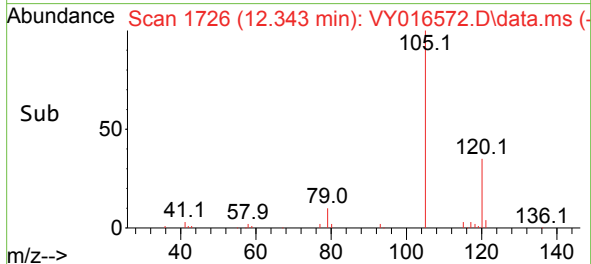
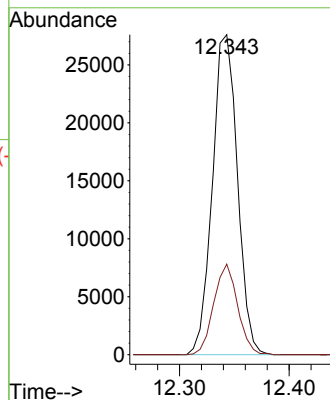
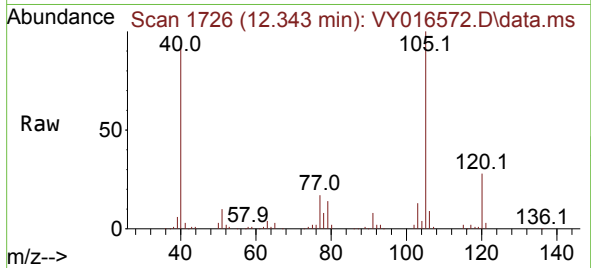




#73
Isopropylbenzene
Concen: 4.674 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

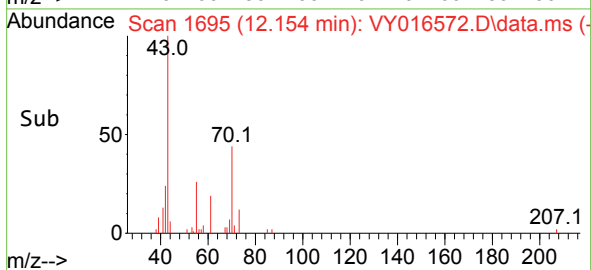
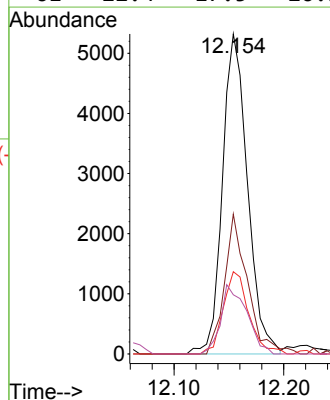
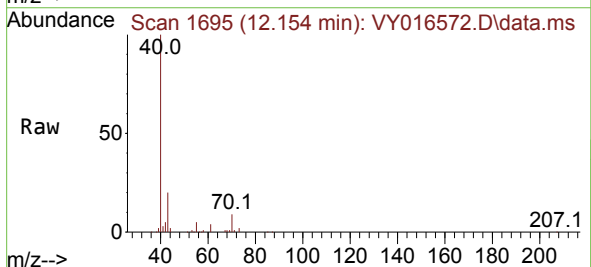
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

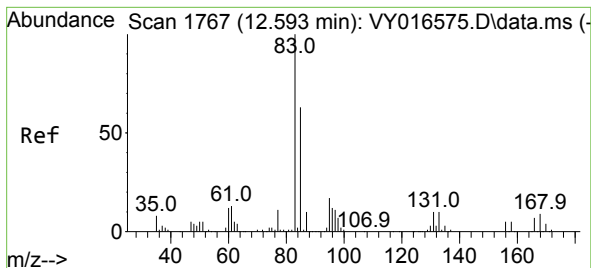
Tgt Ion:105 Resp: 43814
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 4.514 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 43 Resp: 8437
Ion Ratio Lower Upper
43 100
70 40.3 29.7 44.5
55 26.3 18.3 27.5
61 22.4 17.5 26.3

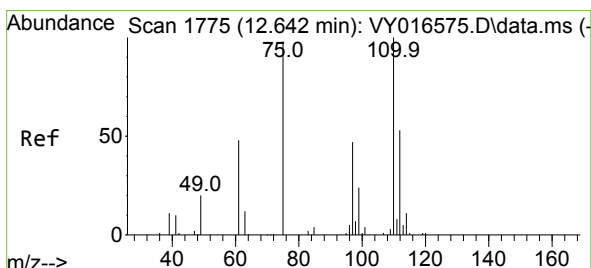
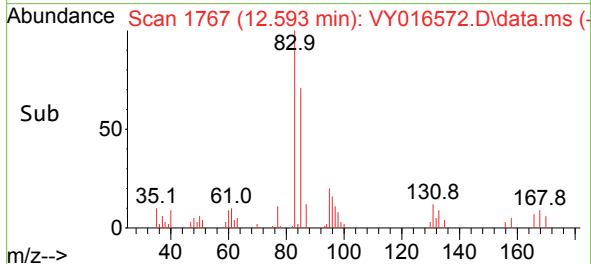
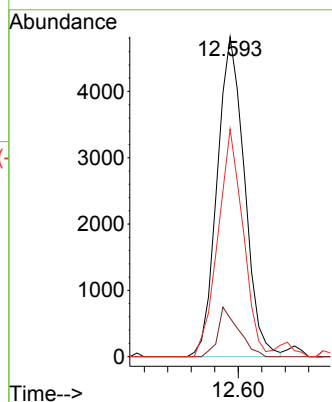
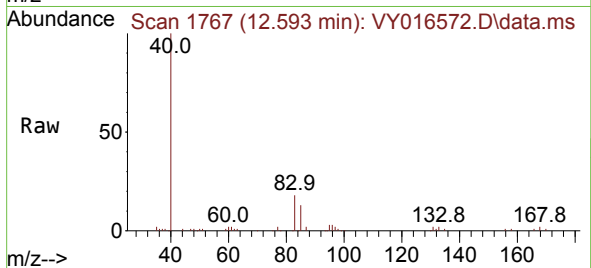




#75
1,1,2,2-Tetrachloroethane
Concen: 5.232 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

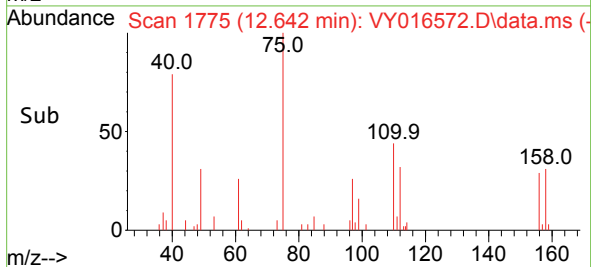
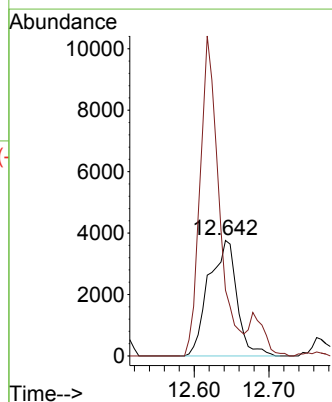
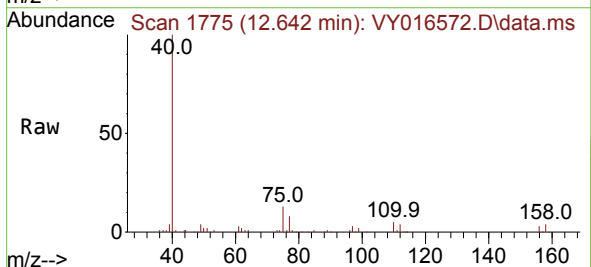
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

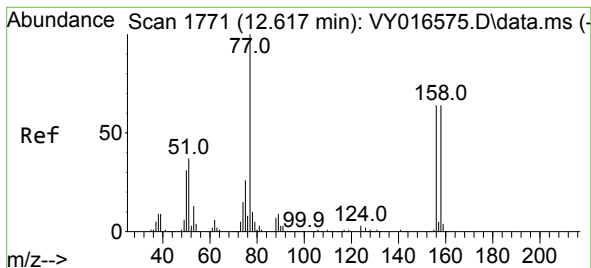
Tgt Ion: 83 Resp: 7800
Ion Ratio Lower Upper
83 100
131 11.8 5.4 16.2
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 8.433 ug/l
RT: 12.642 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 75 Resp: 9884
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.798 ug/l

RT: 12.624 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

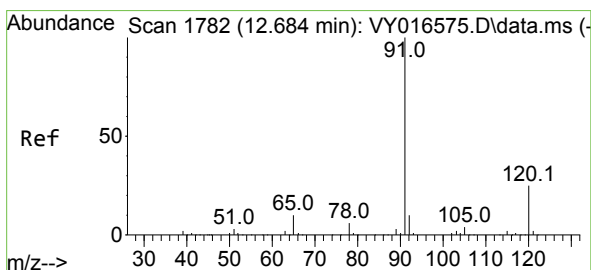
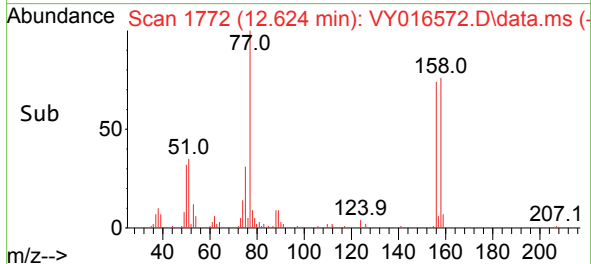
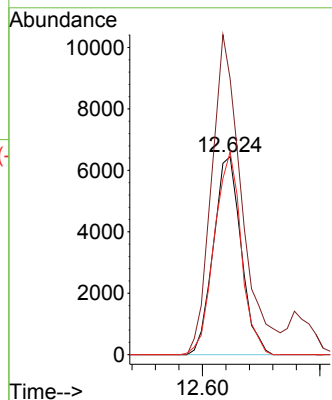
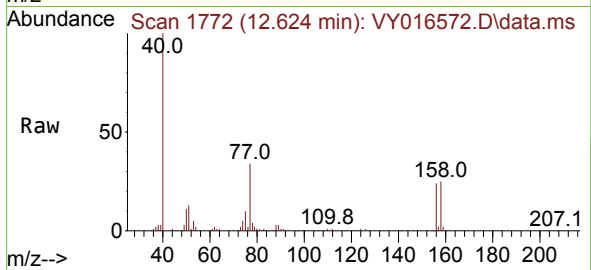
Tgt Ion:156 Resp: 10600

Ion Ratio Lower Upper

156 100

77 174.5 92.8 278.6

158 99.3 48.4 145.3



#78

n-propylbenzene

Concen: 4.850 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016572.D

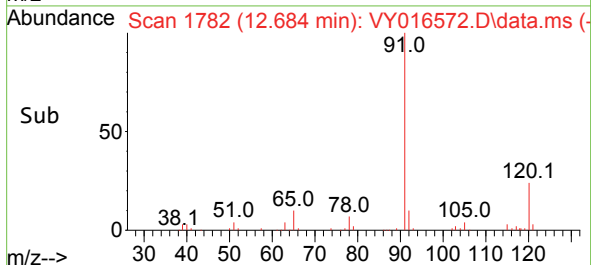
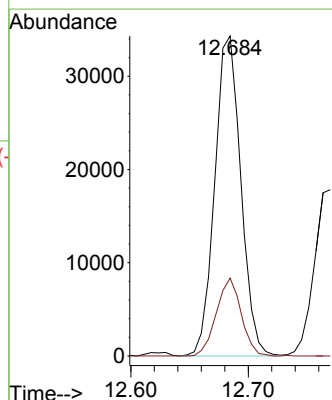
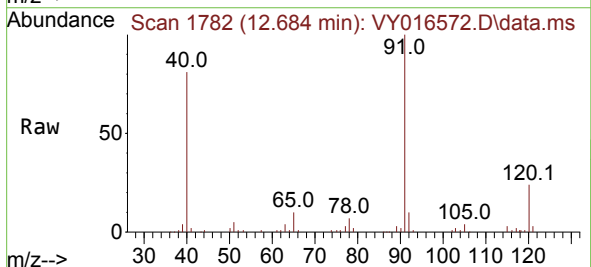
Acq: 04 Dec 2023 12:22

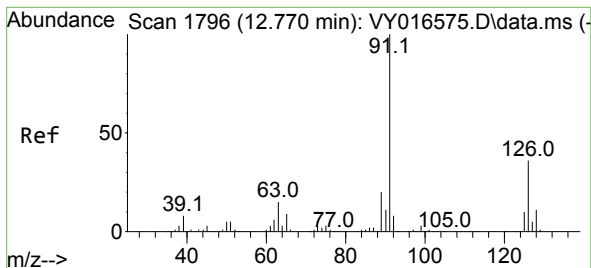
Tgt Ion: 91 Resp: 52911

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

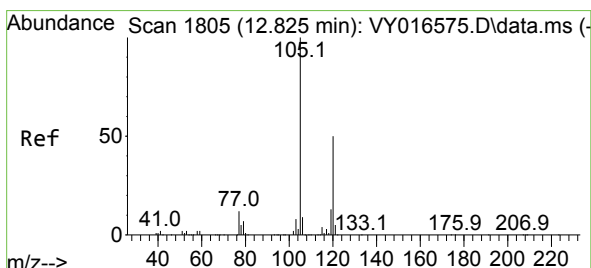
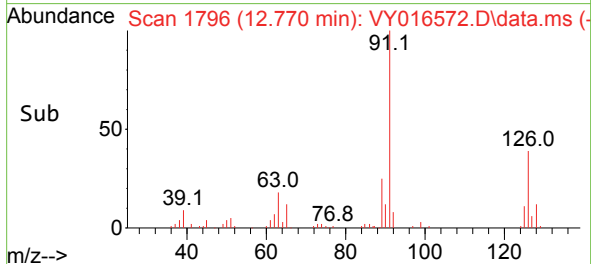
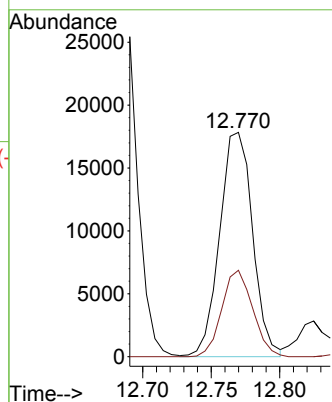
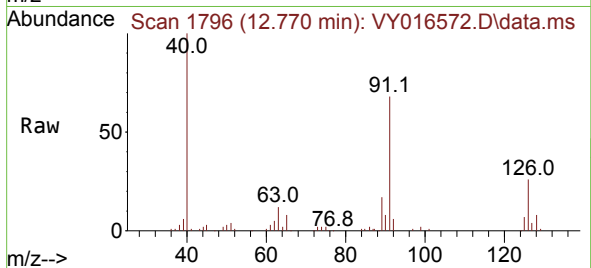




#79
2-Chlorotoluene
Concen: 4.858 ug/l
RT: 12.770 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

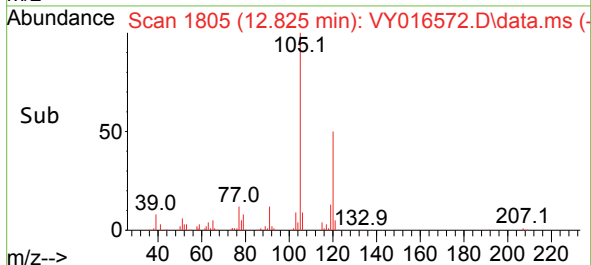
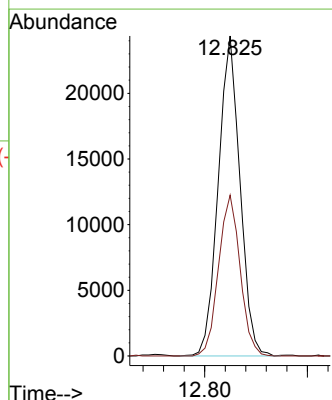
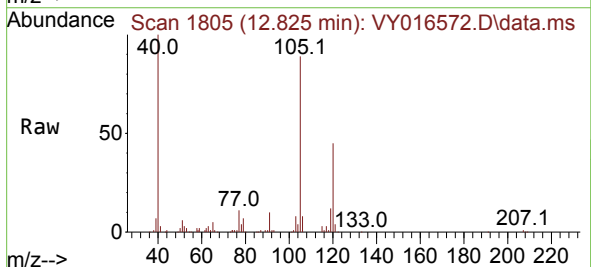
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

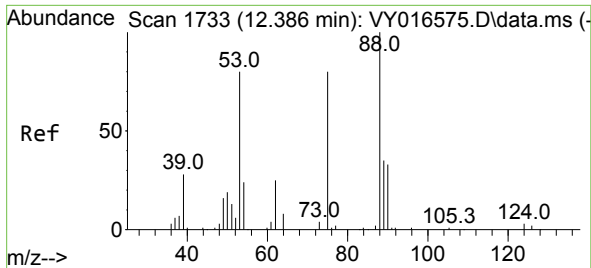
Tgt Ion: 91 Resp: 29868
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 4.685 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 105 Resp: 35686
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

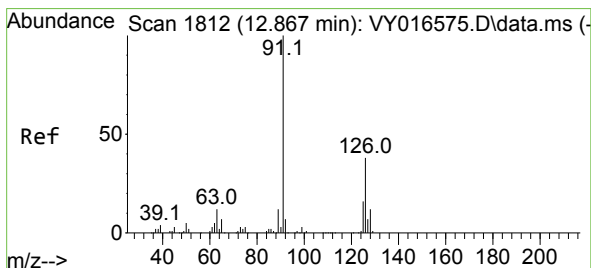
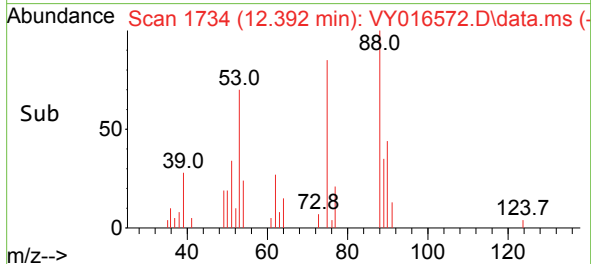
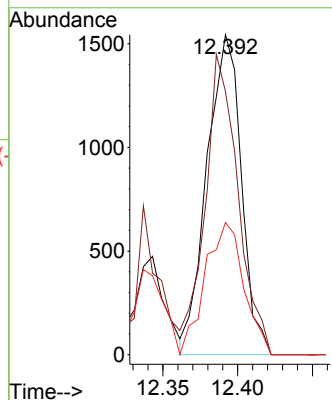
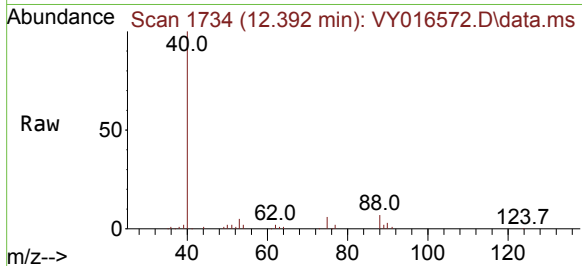




#81
trans-1,4-Dichloro-2-butene
Concen: 4.869 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

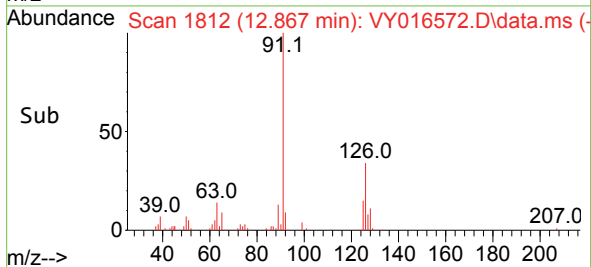
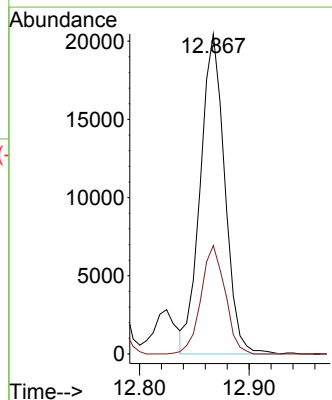
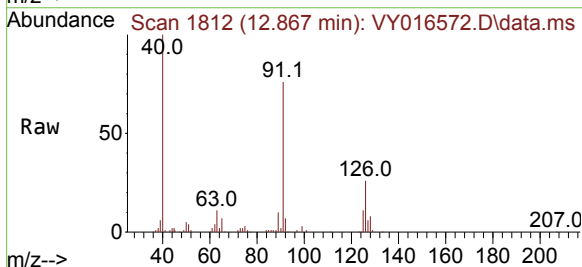
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

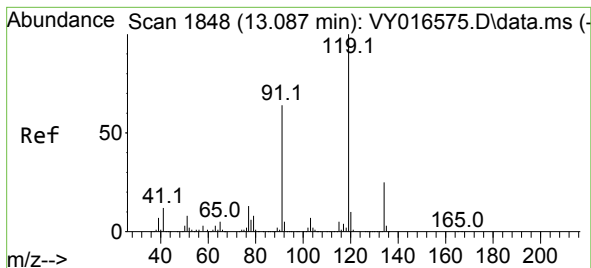
Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
53 89.5 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 4.975 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion: 91 Resp: 31648
Ion Ratio Lower Upper
91 100
126 33.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 4.731 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

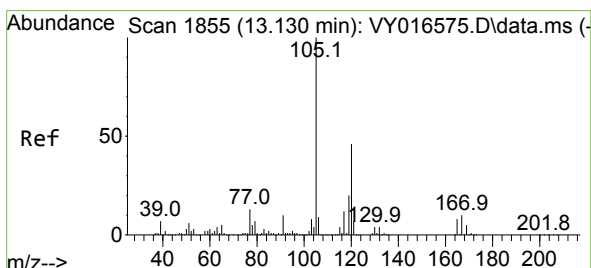
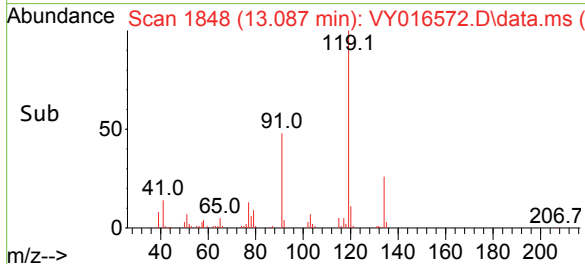
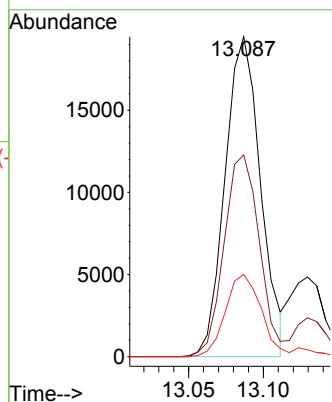
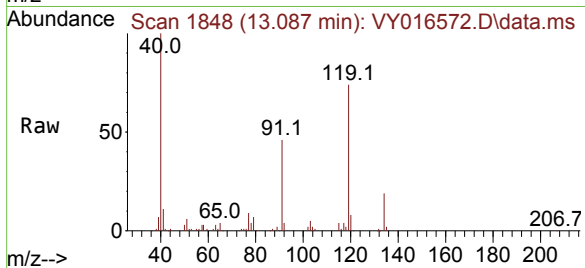
Tgt Ion:119 Resp: 32198

Ion Ratio Lower Upper

119 100

91 62.5 32.9 98.6

134 25.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 4.670 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016572.D

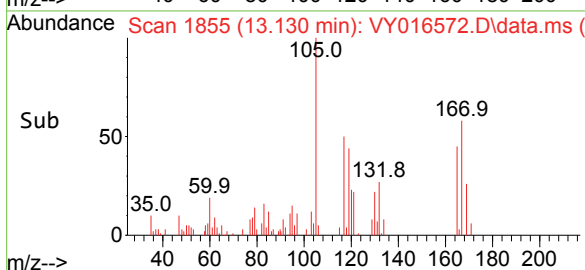
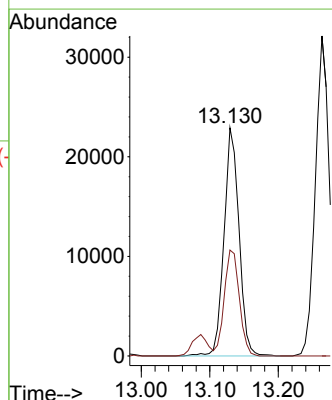
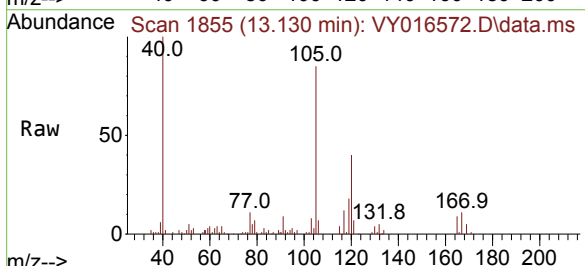
Acq: 04 Dec 2023 12:22

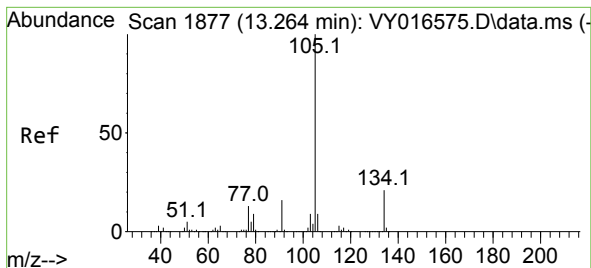
Tgt Ion:105 Resp: 34745

Ion Ratio Lower Upper

105 100

120 46.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 4.815 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

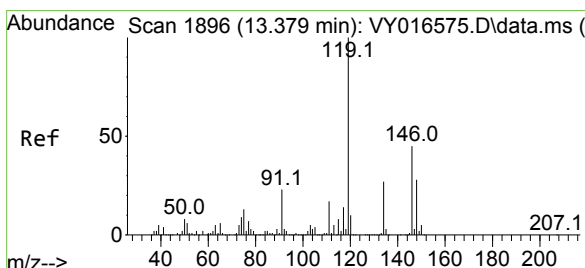
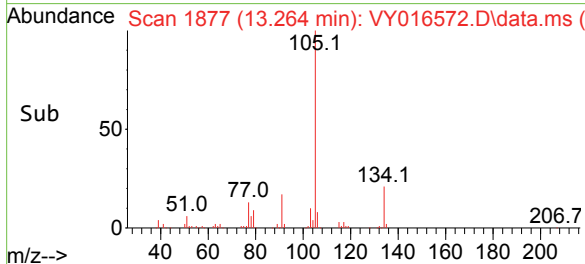
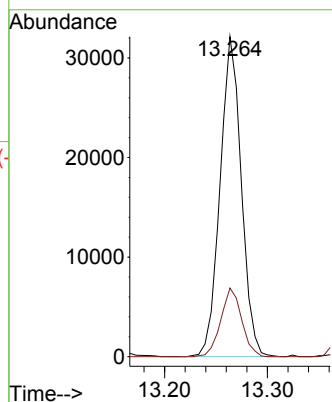
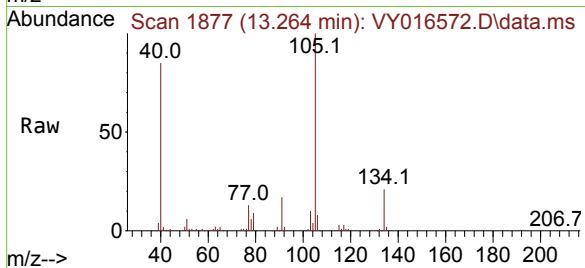
VSTDIC005

Tgt Ion:105 Resp: 46019

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 4.654 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

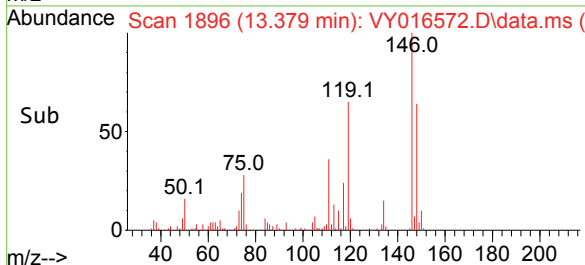
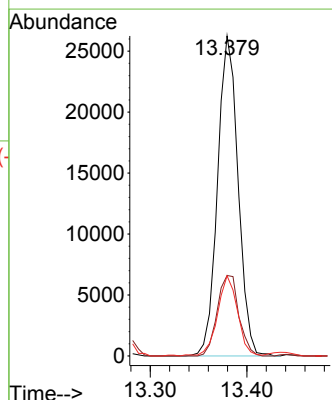
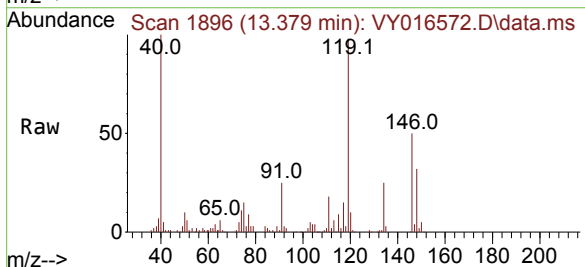
Tgt Ion:119 Resp: 38615

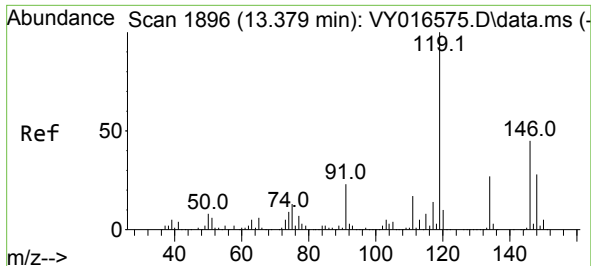
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 24.4 12.4 37.4

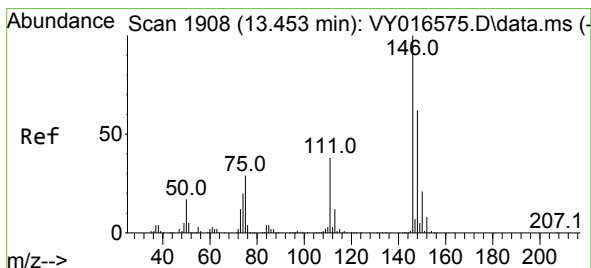
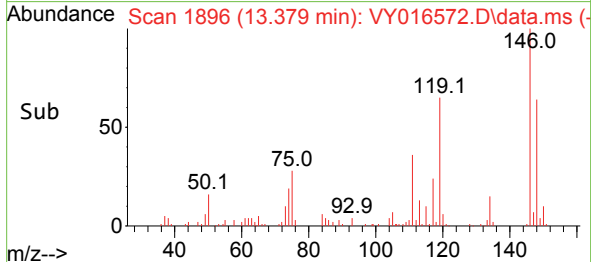
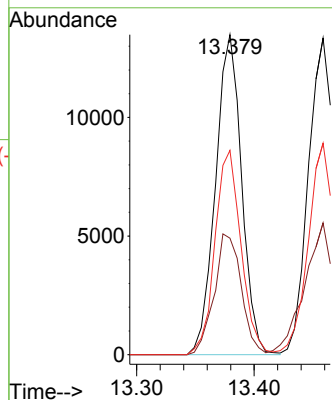
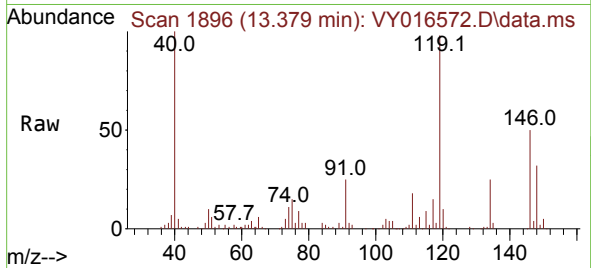




#87
1,3-Dichlorobenzene
Concen: 4.941 ug/l
RT: 13.379 min Scan# 1896
Delta R.T. -0.000 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

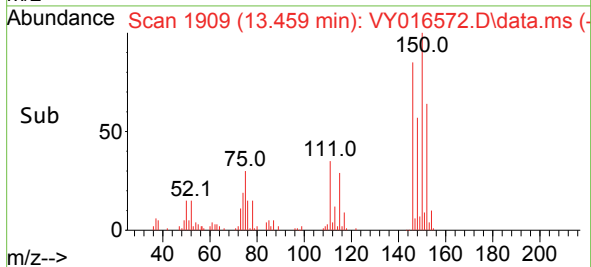
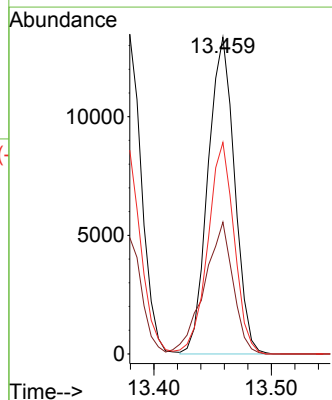
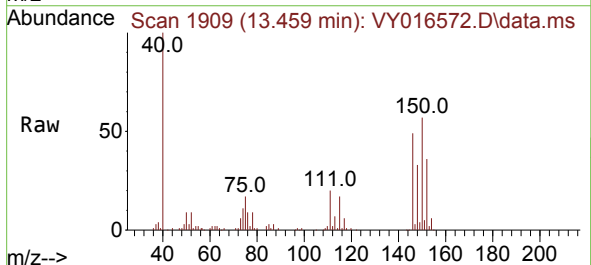
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

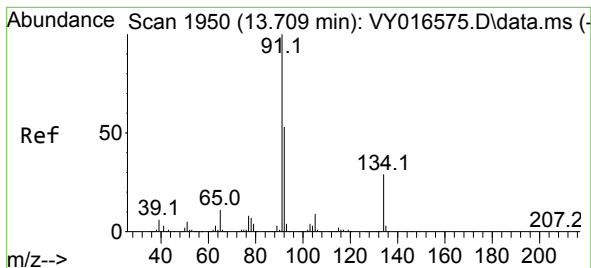
Tgt Ion:146 Resp: 20835
Ion Ratio Lower Upper
146 100
111 39.1 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 5.067 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016572.D
Acq: 04 Dec 2023 12:22

Tgt Ion:146 Resp: 20971
Ion Ratio Lower Upper
146 100
111 45.4 18.9 56.7
148 66.3 32.1 96.5





#89

n-Butylbenzene

Concen: 4.793 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

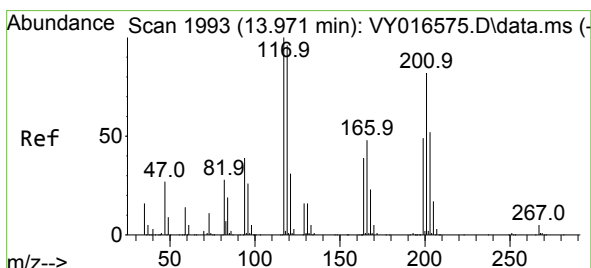
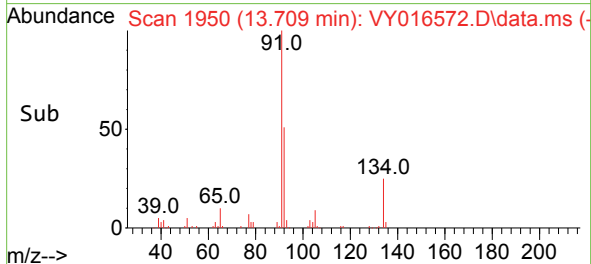
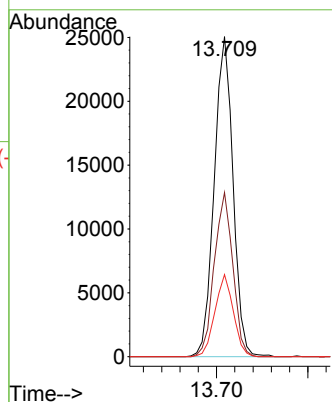
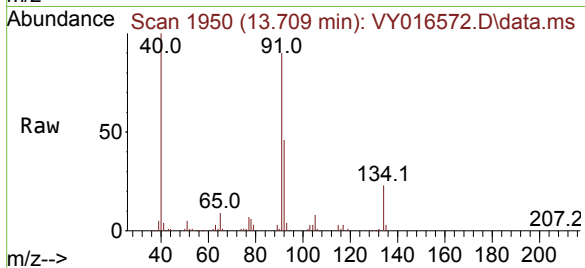
Tgt Ion: 91 Resp: 35760

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.0

134 25.2 12.6 37.6



#90

Hexachloroethane

Concen: 4.997 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016572.D

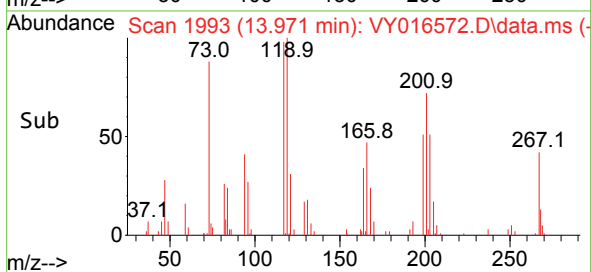
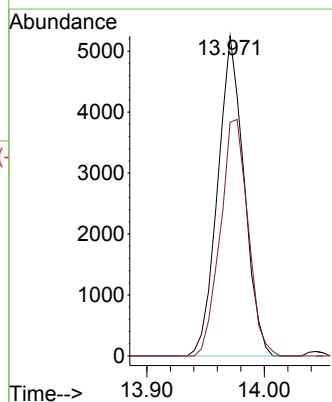
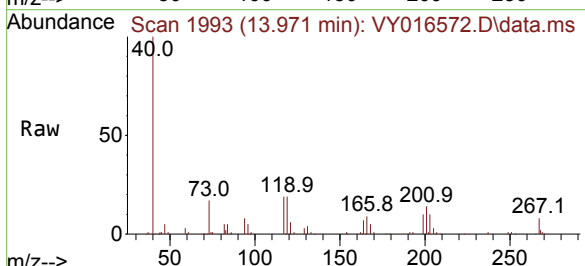
Acq: 04 Dec 2023 12:22

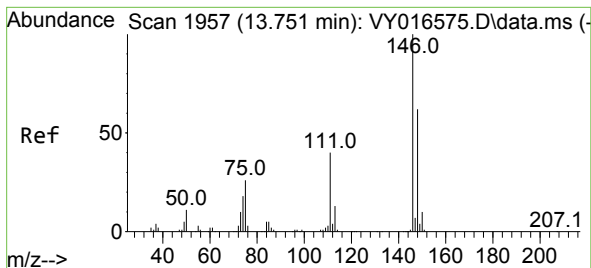
Tgt Ion: 117 Resp: 8157

Ion Ratio Lower Upper

117 100

201 78.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 4.848 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

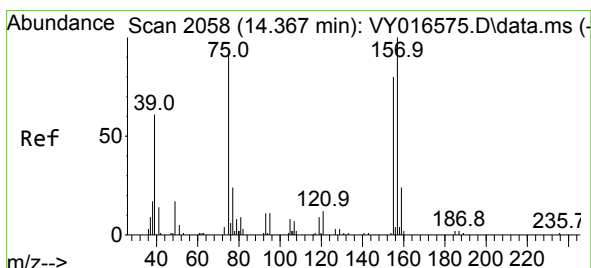
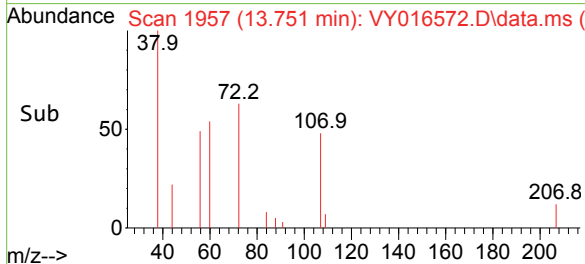
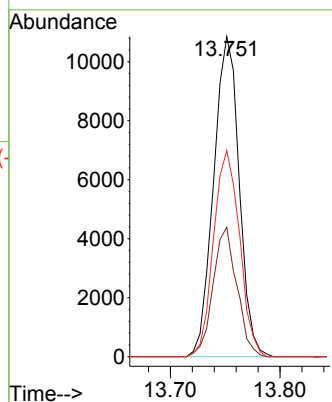
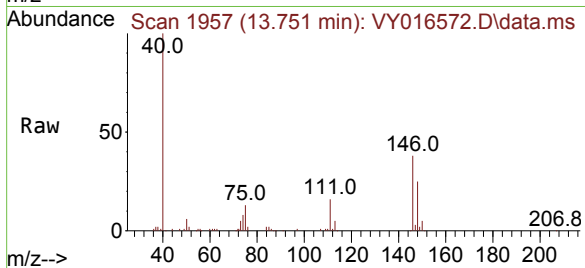
Tgt Ion:146 Resp: 17554

Ion Ratio Lower Upper

146 100

111 37.8 19.7 59.0

148 65.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.418 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

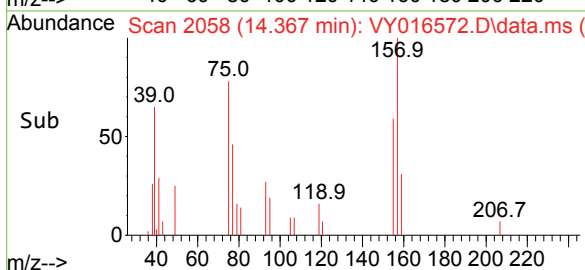
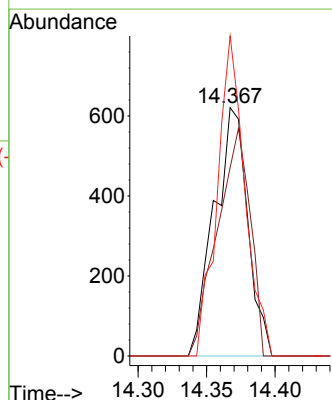
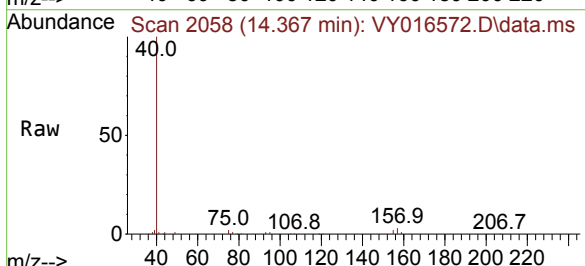
Tgt Ion: 75 Resp: 1054

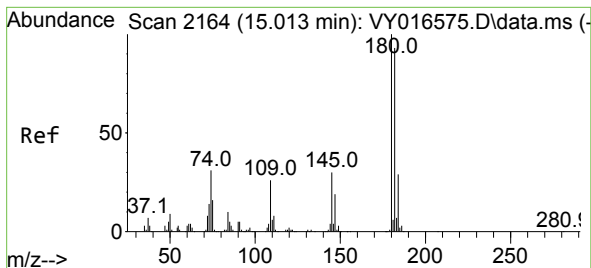
Ion Ratio Lower Upper

75 100

155 90.0 41.5 124.6

157 106.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 4.340 ug/l

RT: 15.019 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

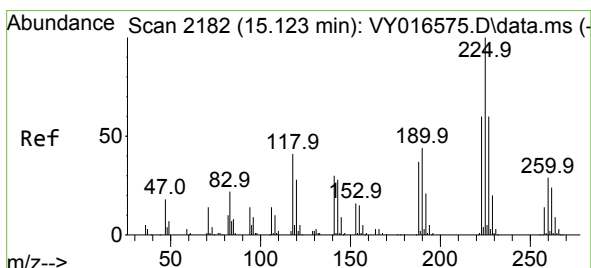
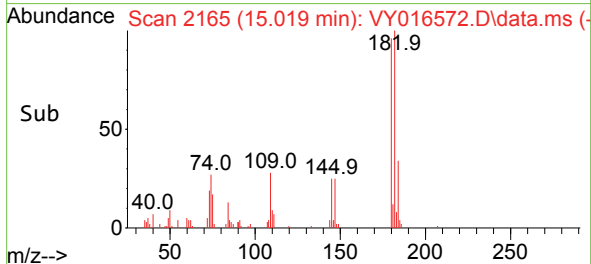
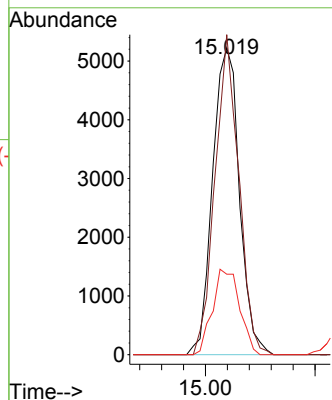
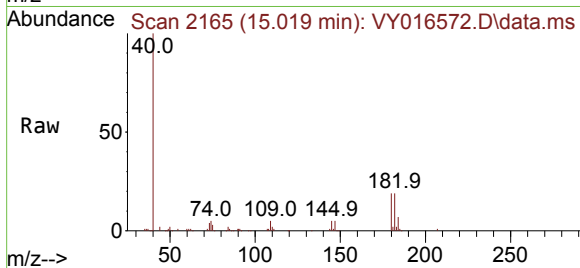
Tgt Ion:180 Resp: 8868

Ion Ratio Lower Upper

180 100

182 92.3 47.0 141.2

145 28.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 5.093 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

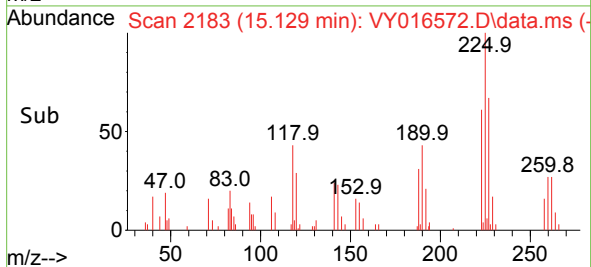
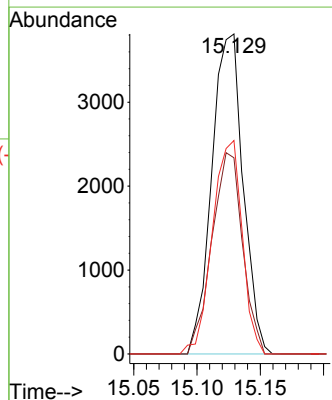
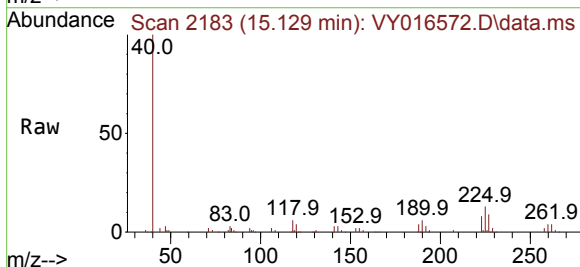
Tgt Ion:225 Resp: 6574

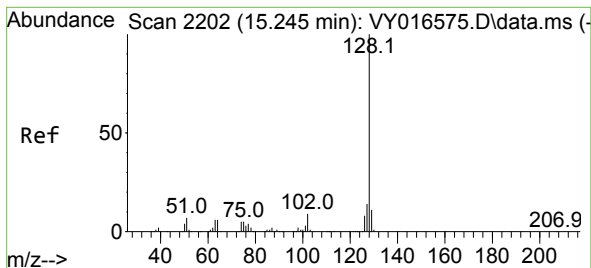
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 3.188 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

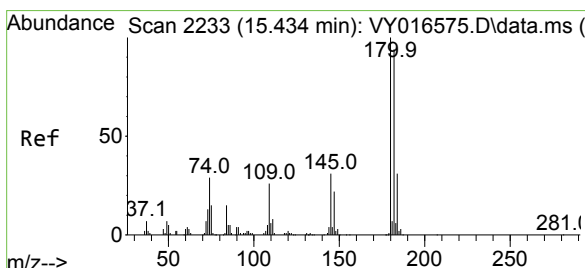
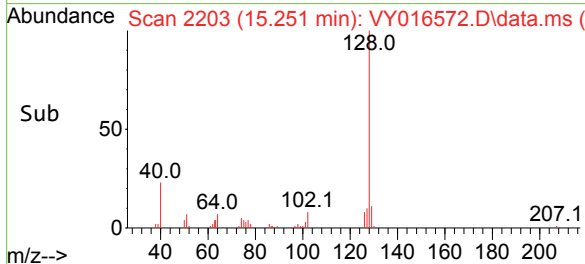
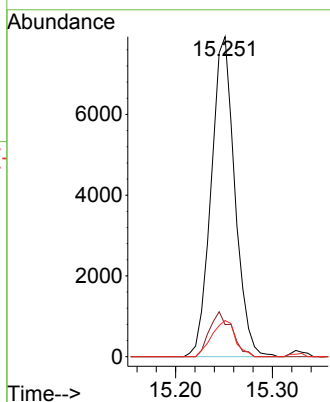
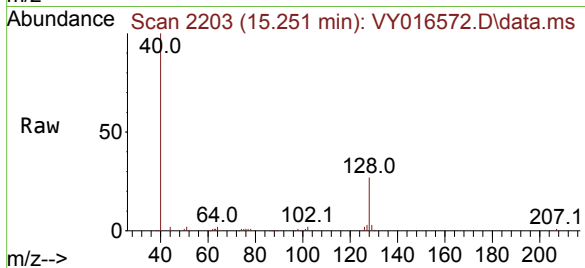
Tgt Ion:128 Resp: 13433

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.628 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016572.D

Acq: 04 Dec 2023 12:22

Tgt Ion:180 Resp: 6728

Ion Ratio Lower Upper

180 100

182 96.0 47.3 141.8

145 32.8 15.4 46.2

