

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120623\
 Data File : VY016621.D
 Acq On : 06 Dec 2023 17:39
 Operator : SY/MD
 Sample : VSTDC0050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDC0050EC

Quant Time: Dec 07 00:36:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	198571	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.697	114	281988	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	248938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	122553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75588	41.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.380%
35) Dibromofluoromethane	7.728	113	75114	44.263	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.520%
50) Toluene-d8	10.185	98	292318	45.539	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.080%
62) 4-Bromofluorobenzene	12.489	95	97337	46.111	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	81853	46.665	ug/l	97
3) Chloromethane	2.119	50	70724	38.867	ug/l	100
4) Vinyl Chloride	2.253	62	73827	40.176	ug/l	100
5) Bromomethane	2.662	94	50880	44.203	ug/l	98
6) Chloroethane	2.802	64	48167	42.436	ug/l	99
7) Trichlorofluoromethane	3.131	101	176442	50.792	ug/l	99
8) Diethyl Ether	3.534	74	41539	42.935	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.906	101	92971	47.858	ug/l	96
10) Methyl Iodide	4.101	142	106233	51.758	ug/l	98
11) Tert butyl alcohol	4.954	59	25306	202.369	ug/l #	81
12) 1,1-Dichloroethene	3.881	96	86332	48.921	ug/l	92
13) Acrolein	3.735	56	37988	208.958	ug/l	99
14) Allyl chloride	4.491	41	109409	40.625	ug/l #	84
15) Acrylonitrile	5.174	53	77870	199.416	ug/l	97
16) Acetone	3.954	43	72305	174.096	ug/l	96
17) Carbon Disulfide	4.204	76	226364	45.752	ug/l	97
18) Methyl Acetate	4.485	43	64653	39.273	ug/l #	87
19) Methyl tert-butyl Ether	5.228	73	204600	47.165	ug/l	96
20) Methylene Chloride	4.729	84	91859	50.183	ug/l	87
21) trans-1,2-Dichloroethene	5.235	96	96500	48.628	ug/l	93
22) Diisopropyl ether	6.125	45	234008	42.249	ug/l #	90
23) Vinyl Acetate	6.070	43	529820	199.260	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	154753	45.479	ug/l #	97
25) 2-Butanone	6.990	43	93806	164.257	ug/l	92
26) 2,2-Dichloropropane	6.990	77	162424	50.774	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	106005	48.528	ug/l	92
28) Bromochloromethane	7.344	49	47229	34.266	ug/l #	69
29) Tetrahydrofuran	7.356	42	59387	182.393	ug/l #	85
30) Chloroform	7.515	83	179847	49.583	ug/l	95
31) Cyclohexane	7.795	56	128738	41.089	ug/l #	84
32) 1,1,1-Trichloroethane	7.710	97	181578	52.896	ug/l	97
36) 1,1-Dichloropropene	7.923	75	130364	50.536	ug/l	96
37) Ethyl Acetate	7.082	43	41892	38.809	ug/l #	94
38) Carbon Tetrachloride	7.905	117	172194	57.660	ug/l	99
39) Methylcyclohexane	9.191	83	162218	52.193	ug/l	91
40) Benzene	8.167	78	365948	50.329	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22575	36.212	ug/l	92
42) 1,2-Dichloroethane	8.240	62	110983	52.567	ug/l	97
43) Isopropyl Acetate	8.283	43	88292	42.401	ug/l #	89
44) Trichloroethene	8.947	130	119077	54.305	ug/l	89
45) 1,2-Dichloropropane	9.222	63	80491	45.981	ug/l	94
46) Dibromomethane	9.313	93	46878	48.848	ug/l	93
47) Bromodichloromethane	9.502	83	132485	51.856	ug/l	99
48) Methyl methacrylate	9.301	41	49819	41.427	ug/l	88
49) 1,4-Dioxane	9.307	88	8490	874.048	ug/l #	60
51) 4-Methyl-2-Pentanone	10.075	43	219266	202.619	ug/l	92
52) Toluene	10.252	92	245810	53.940	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	124680	51.710	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	144961	51.191	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	66468	49.722	ug/l	94
56) Ethyl methacrylate	10.514	69	58615	47.835	ug/l	91
57) 1,3-Dichloropropane	10.801	76	109318	48.408	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	157437	208.490	ug/l #	84
59) 2-Hexanone	10.837	43	155281	189.683	ug/l	92
60) Dibromochloromethane	10.996	129	94181	52.729	ug/l	98
61) 1,2-Dibromoethane	11.099	107	62278	49.532	ug/l	100
64) Tetrachloroethene	10.727	164	127196	55.752	ug/l	97
65) Chlorobenzene	11.526	112	271489	53.845	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	106786	54.188	ug/l	97
67) Ethyl Benzene	11.599	91	482441	53.352	ug/l	98
68) m/p-Xylenes	11.709	106	377294	109.909	ug/l	95
69) o-Xylene	12.038	106	176097	54.952	ug/l	98
70) Styrene	12.050	104	255645	55.601	ug/l	99
71) Bromoform	12.215	173	56852	53.426	ug/l #	99
73) Isopropylbenzene	12.337	105	495133	54.562	ug/l	97
74) N-amyl acetate	12.154	43	72906	40.291	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	61221	42.416	ug/l	95
76) 1,2,3-Trichloropropane	12.642	75	91121	82.309	ug/l #	100
77) Bromobenzene	12.617	156	118074	55.208	ug/l	83
78) n-propylbenzene	12.678	91	557397	52.772	ug/l	96
79) 2-Chlorotoluene	12.764	91	310185	52.115	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	405083	54.936	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	21684	44.185	ug/l	95
82) 4-Chlorotoluene	12.861	91	318606	51.732	ug/l	96
83) tert-Butylbenzene	13.081	119	374141	56.789	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	398194	55.286	ug/l	97
85) sec-Butylbenzene	13.264	105	500023	54.038	ug/l	96
86) p-Isopropyltoluene	13.379	119	455910	56.760	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	223322	54.700	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	215405	53.760	ug/l	99
89) n-Butylbenzene	13.709	91	392646	54.357	ug/l	95
90) Hexachloroethane	13.971	117	84904	53.722	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	189099	53.948	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10667	46.182	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	117001	59.153	ug/l	98
94) Hexachlorobutadiene	15.123	225	75955	60.780	ug/l	98
95) Naphthalene	15.245	128	181824	55.885	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	94545	59.743	ug/l	99

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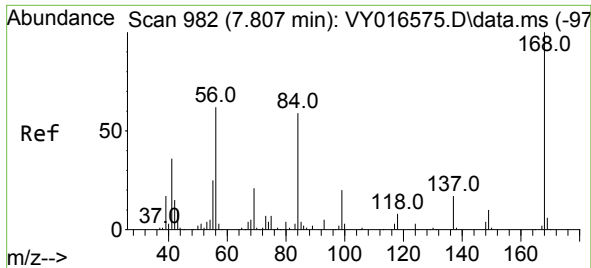
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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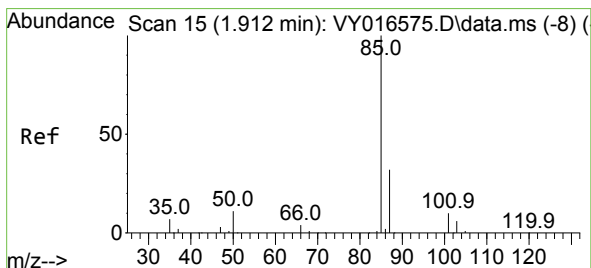
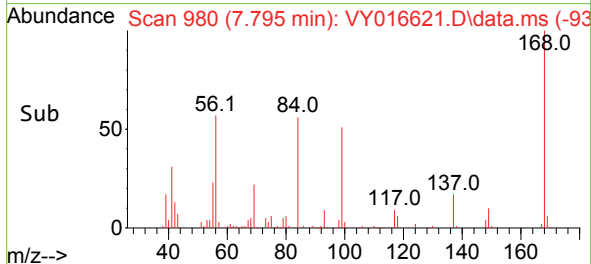
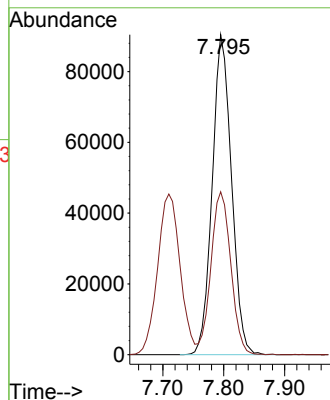
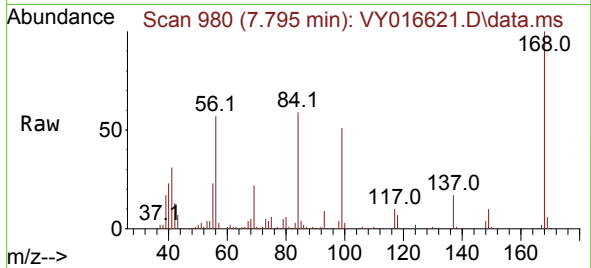




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY016621.D
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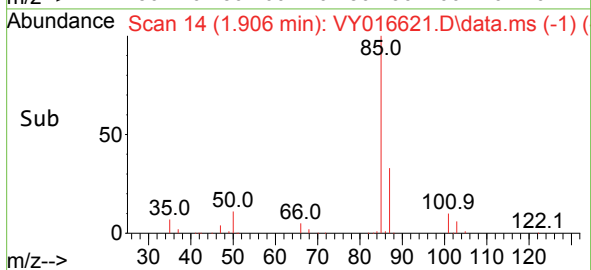
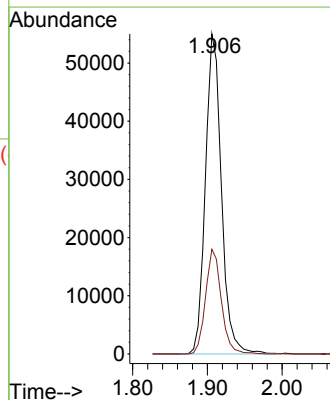
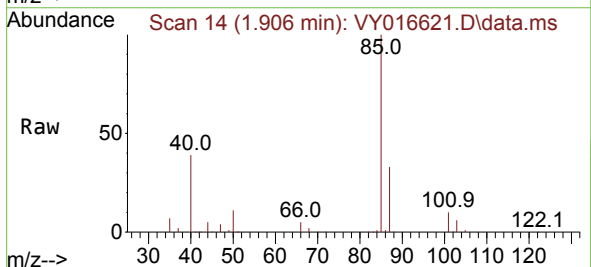
Instrument :
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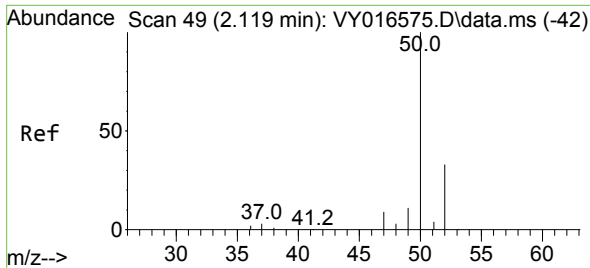
Tgt Ion:168 Resp: 198571
Ion Ratio Lower Upper
168 100
99 50.9 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 46.665 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 85 Resp: 81853
Ion Ratio Lower Upper
85 100
87 32.7 15.6 46.8

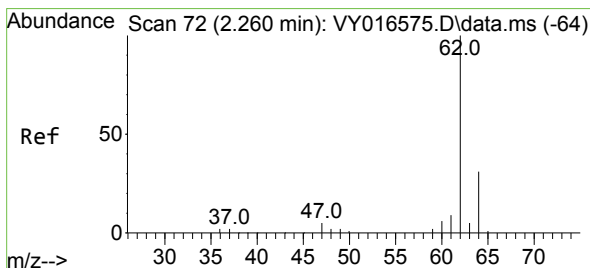
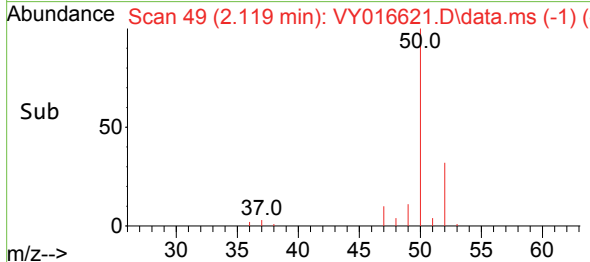
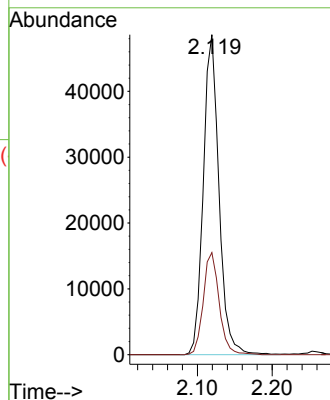
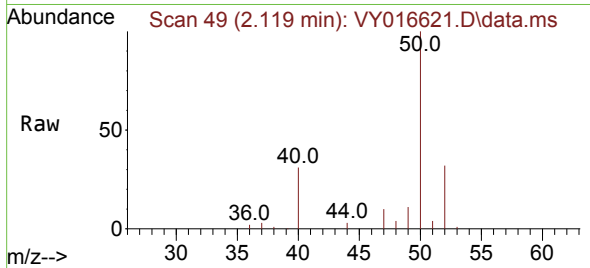




#3
Chloromethane
Concen: 38.867 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

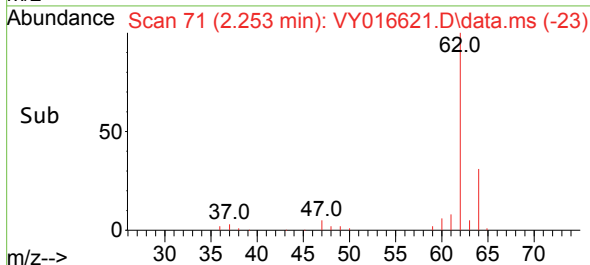
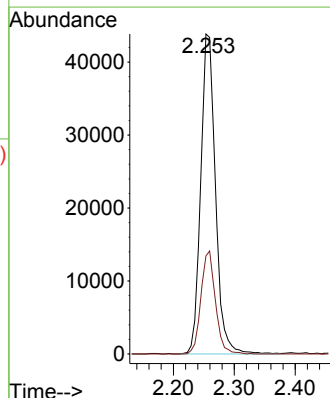
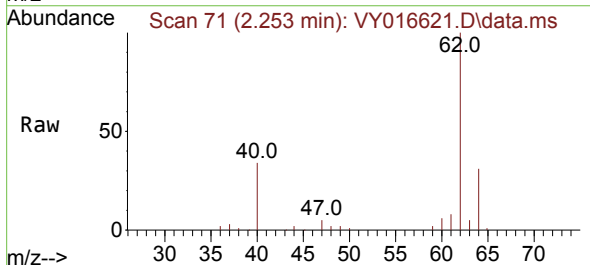
Instrument :
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ClientSampleId :
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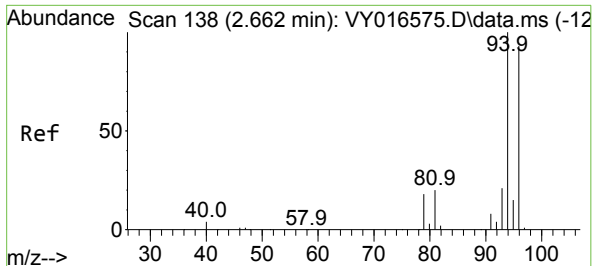
Tgt Ion: 50 Resp: 70724
Ion Ratio Lower Upper
50 100
52 31.9 25.4 38.2



#4
Vinyl Chloride
Concen: 40.176 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 62 Resp: 73827
Ion Ratio Lower Upper
62 100
64 30.6 24.3 36.5

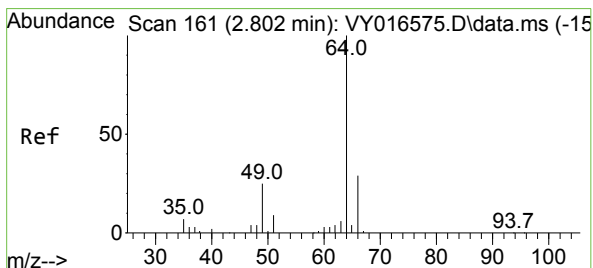
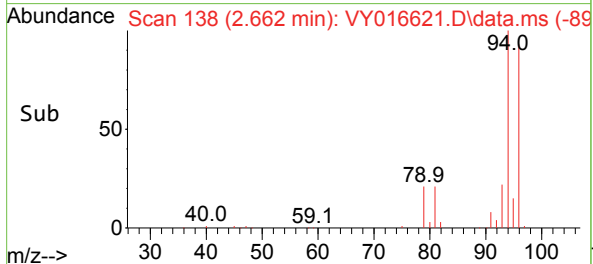
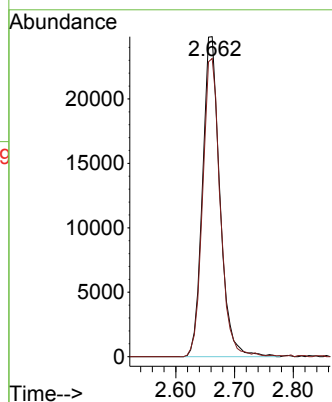
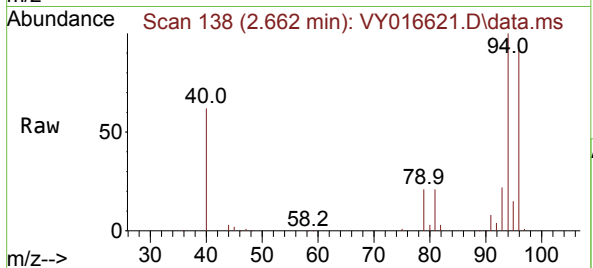




#5
Bromomethane
Concen: 44.203 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

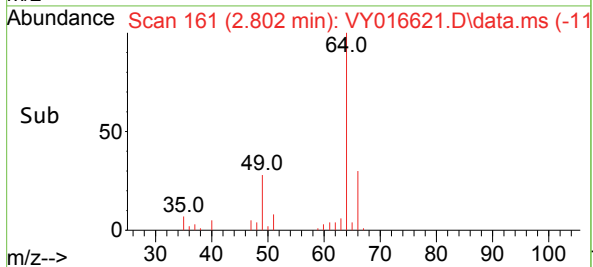
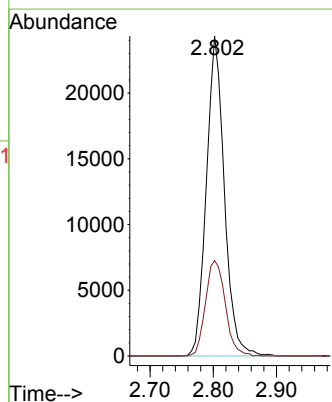
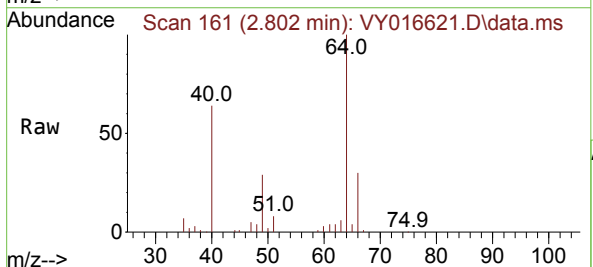
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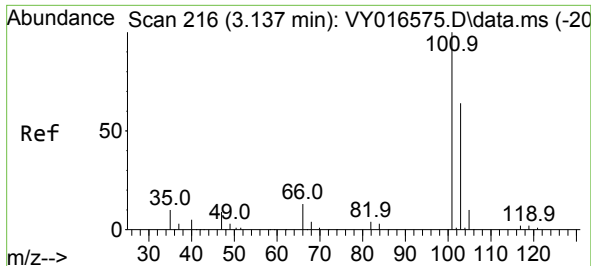
Tgt Ion: 94 Resp: 50880
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.6



#6
Chloroethane
Concen: 42.436 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY016621.D
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Tgt Ion: 64 Resp: 48167
Ion Ratio Lower Upper
64 100
66 29.8 24.4 36.6

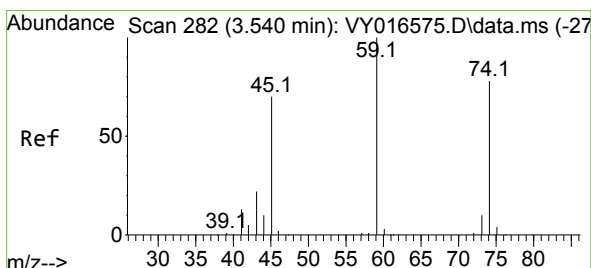
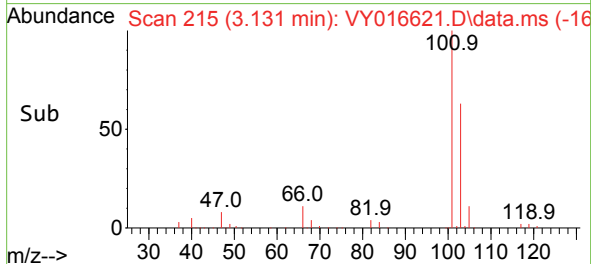
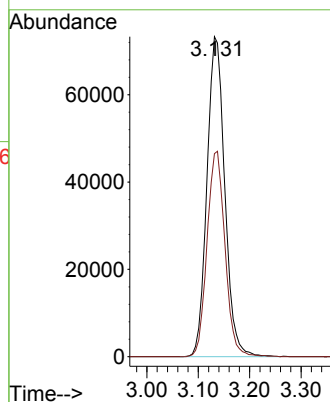
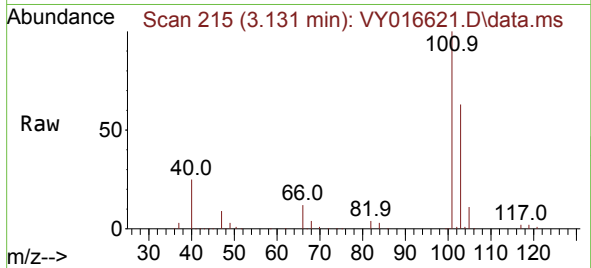




#7
 Trichlorofluoromethane
 Concen: 50.792 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY016621.D
 Acq: 06 Dec 2023 17:39

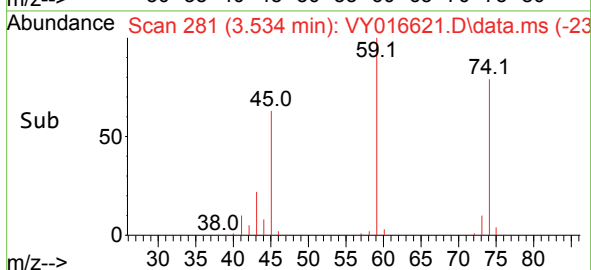
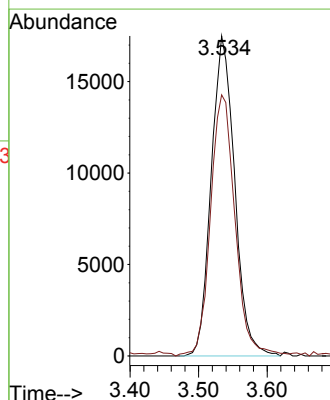
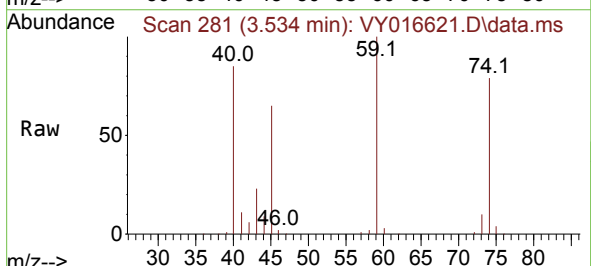
Instrument :
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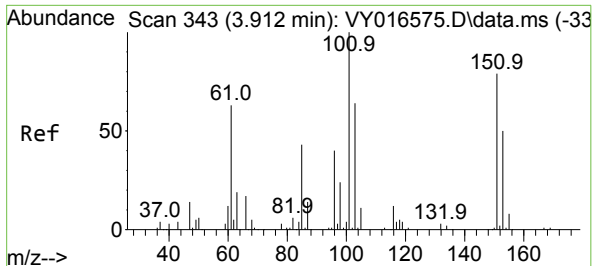
Tgt Ion:101 Resp: 176442
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 42.935 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY016621.D
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Tgt Ion: 74 Resp: 41539
 Ion Ratio Lower Upper
 74 100
 45 85.3 51.5 154.5

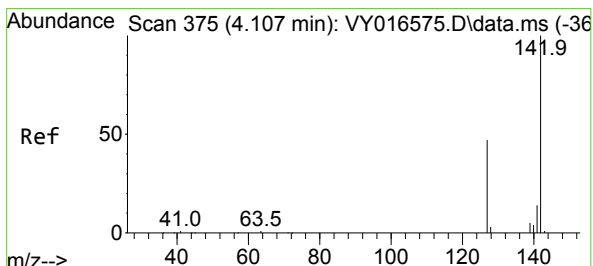
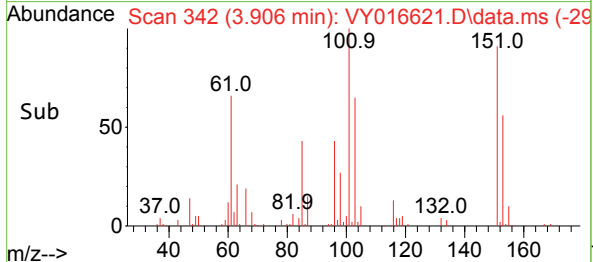
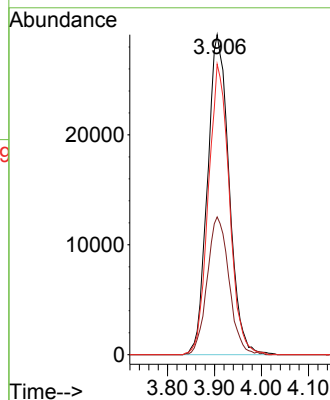
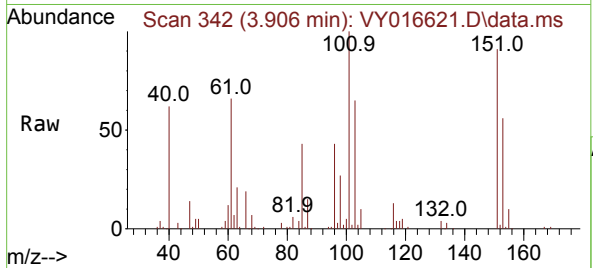




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.858 ug/l
RT: 3.906 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

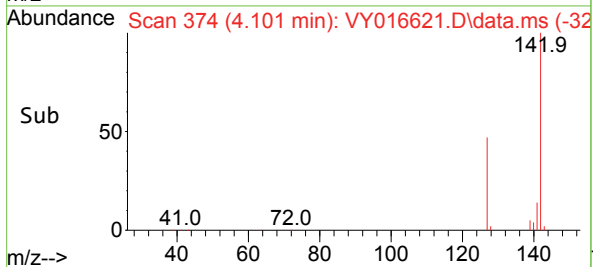
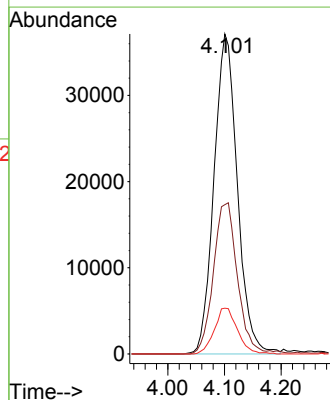
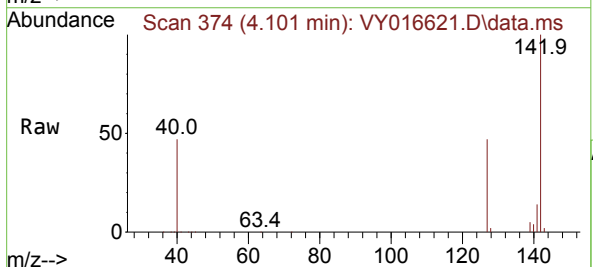
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

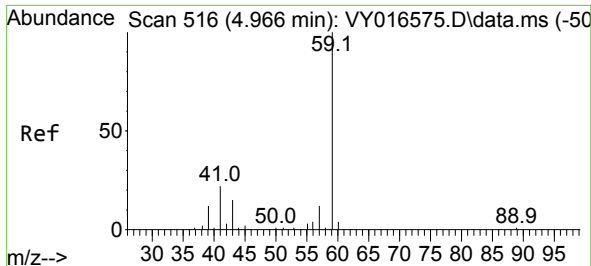
Tgt Ion:101 Resp: 92971
Ion Ratio Lower Upper
101 100
85 43.6 36.6 55.0
151 88.2 67.0 100.6



#10
Methyl Iodide
Concen: 51.758 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion:142 Resp: 106233
Ion Ratio Lower Upper
142 100
127 48.8 37.6 56.4
141 14.2 11.8 17.8

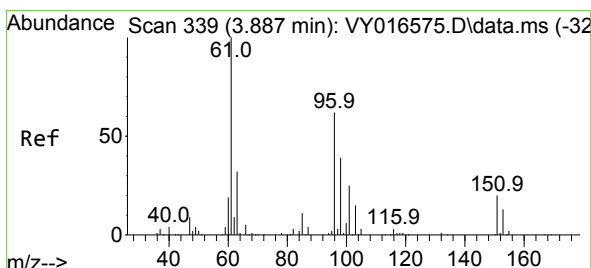
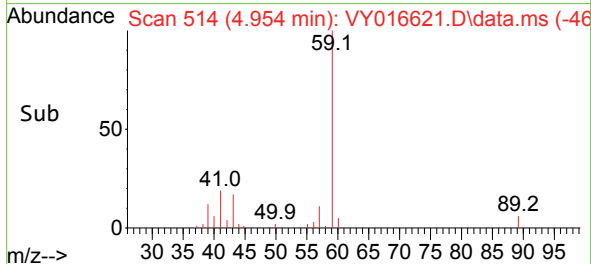
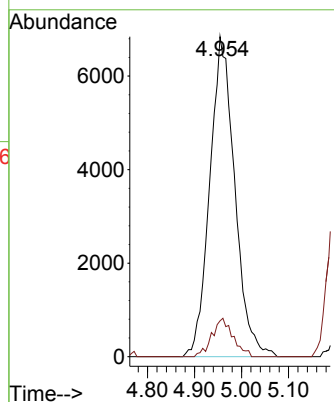
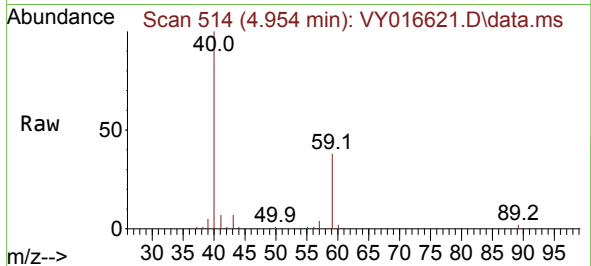




#11
Tert butyl alcohol
Concen: 202.369 ug/l
RT: 4.954 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

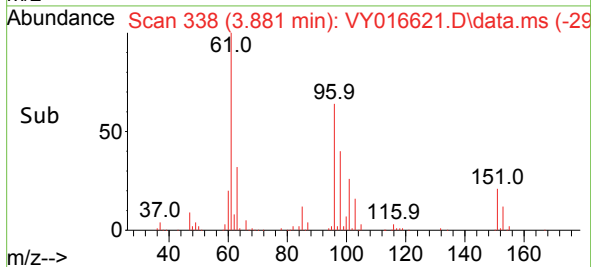
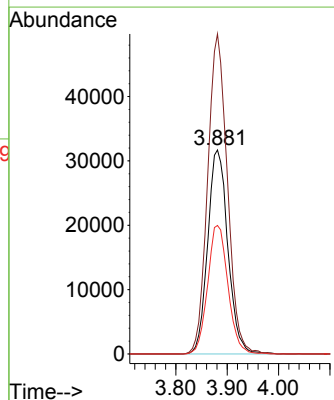
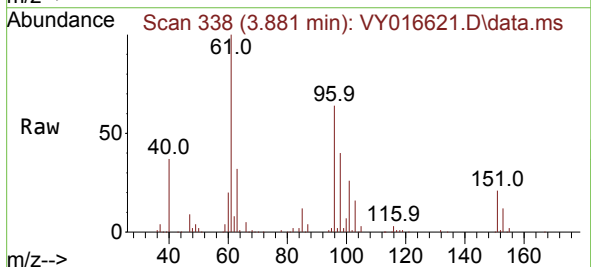
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

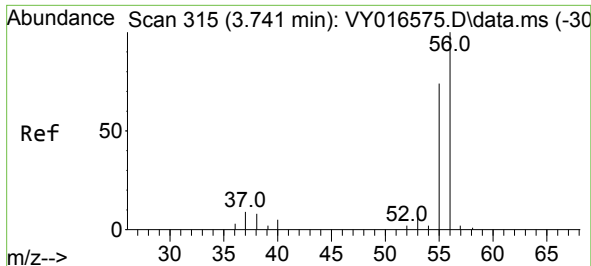
Tgt Ion: 59 Resp: 25306
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 48.921 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 96 Resp: 86332
Ion Ratio Lower Upper
96 100
61 156.9 136.4 204.6
98 63.0 49.4 74.2





#13

Acrolein

Concen: 208.958 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

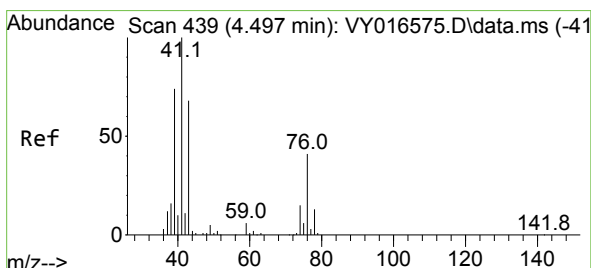
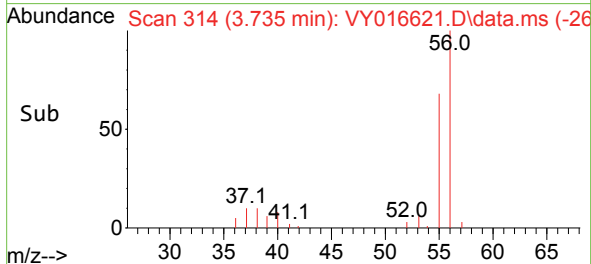
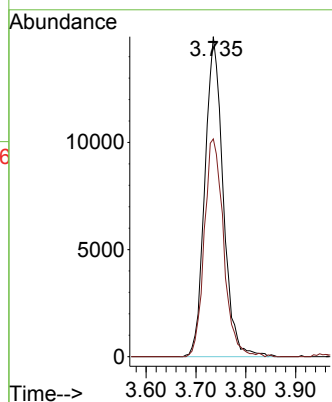
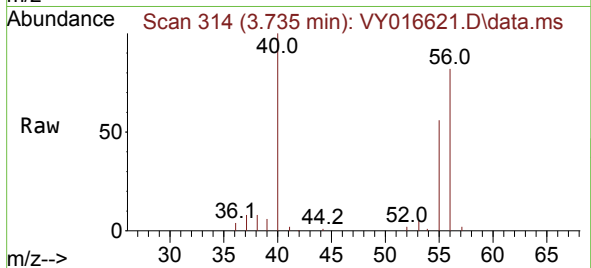
VSTDCCC050EC

Tgt Ion: 56 Resp: 37988

Ion Ratio Lower Upper

56 100

55 71.7 57.0 85.4



#14

Allyl chloride

Concen: 40.625 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

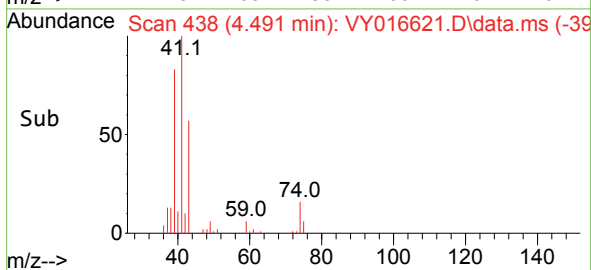
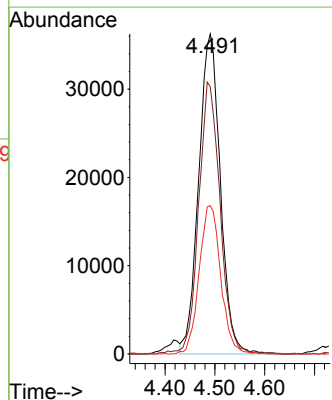
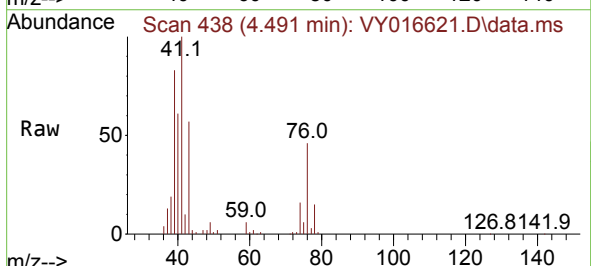
Tgt Ion: 41 Resp: 109409

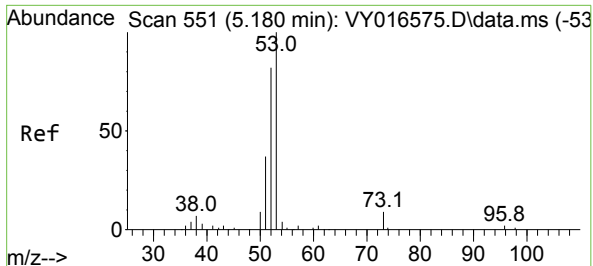
Ion Ratio Lower Upper

41 100

39 83.7 58.0 87.0

76 46.1 27.4 41.2#





#15

Acrylonitrile

Concen: 199.416 ug/l

RT: 5.174 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

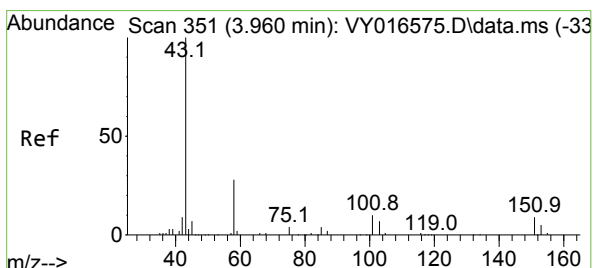
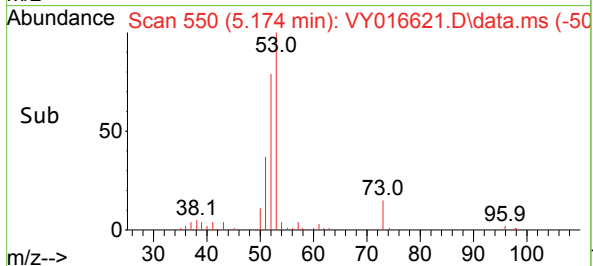
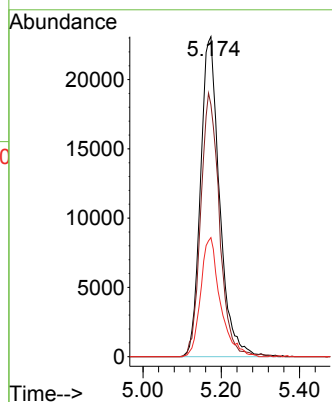
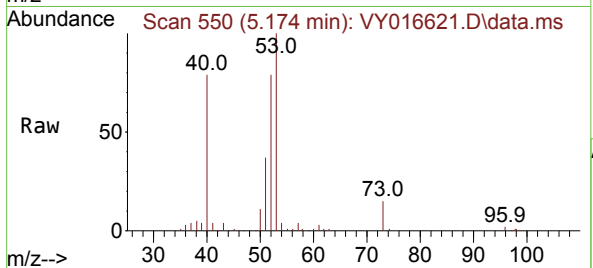
Tgt Ion: 53 Resp: 77870

Ion Ratio Lower Upper

53 100

52 80.6 66.9 100.3

51 38.3 29.8 44.6



#16

Acetone

Concen: 174.096 ug/l

RT: 3.954 min Scan# 350

Delta R.T. -0.006 min

Lab File: VY016621.D

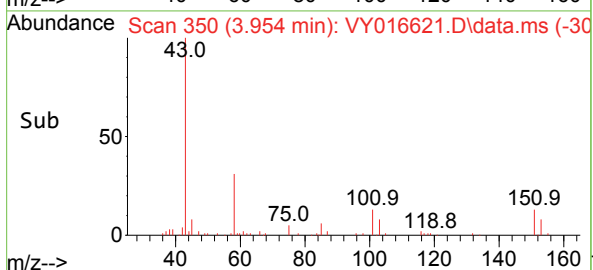
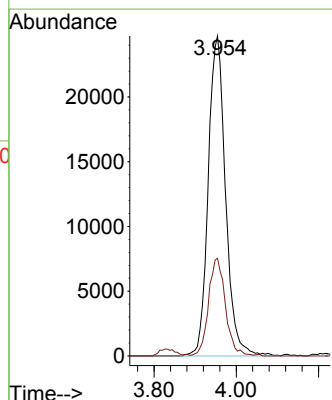
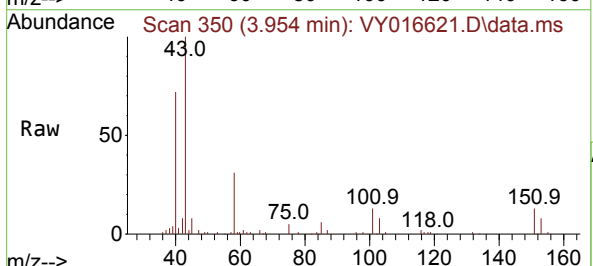
Acq: 06 Dec 2023 17:39

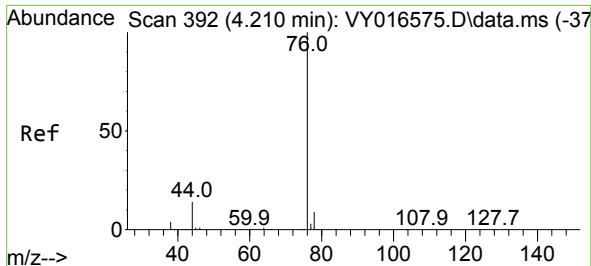
Tgt Ion: 43 Resp: 72305

Ion Ratio Lower Upper

43 100

58 30.6 22.7 34.1





#17

Carbon Disulfide

Concen: 45.752 ug/l

RT: 4.204 min Scan# 391

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

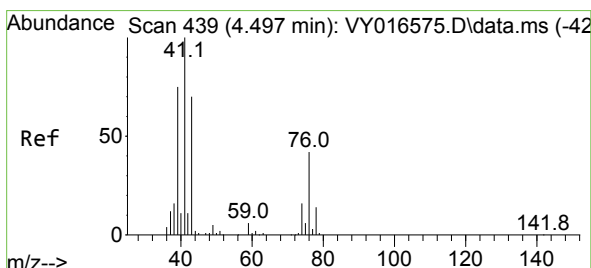
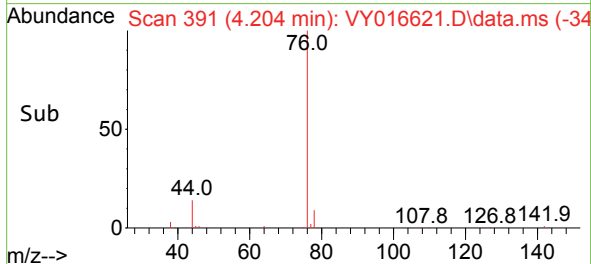
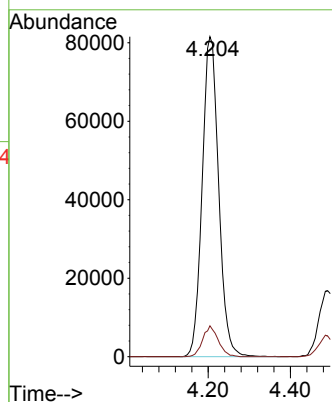
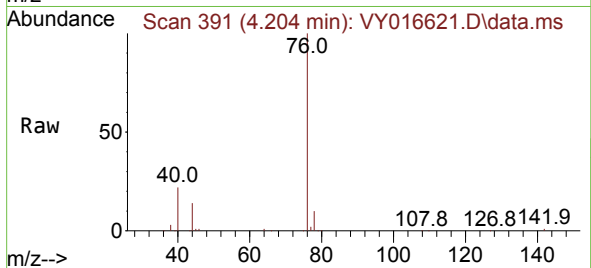
VSTDCCC050EC

Tgt Ion: 76 Resp: 226364

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.4



#18

Methyl Acetate

Concen: 39.273 ug/l

RT: 4.485 min Scan# 437

Delta R.T. -0.012 min

Lab File: VY016621.D

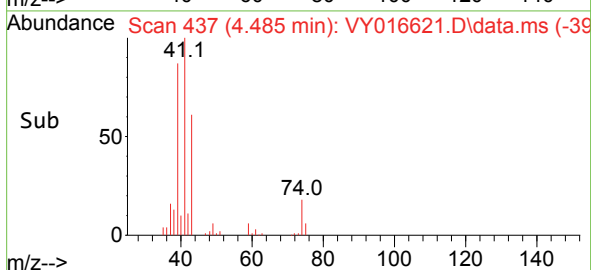
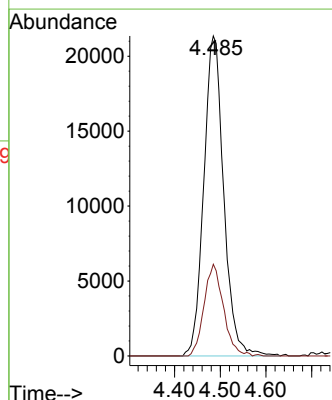
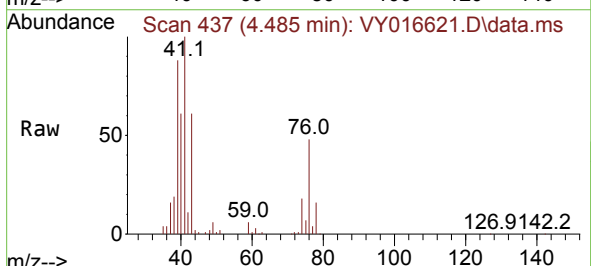
Acq: 06 Dec 2023 17:39

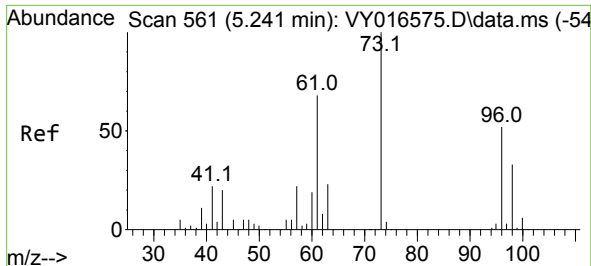
Tgt Ion: 43 Resp: 64653

Ion Ratio Lower Upper

43 100

74 27.8 17.4 26.0#

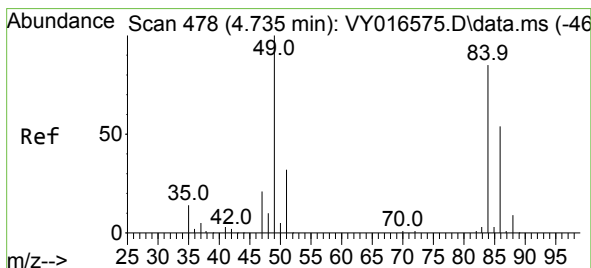
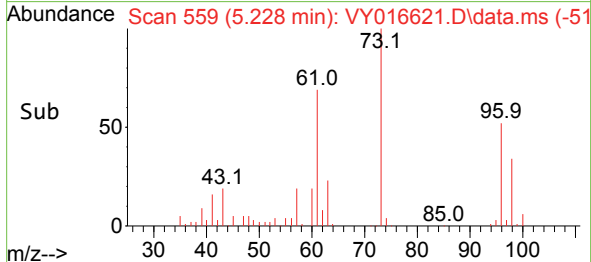
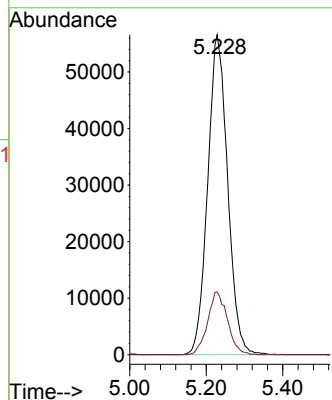
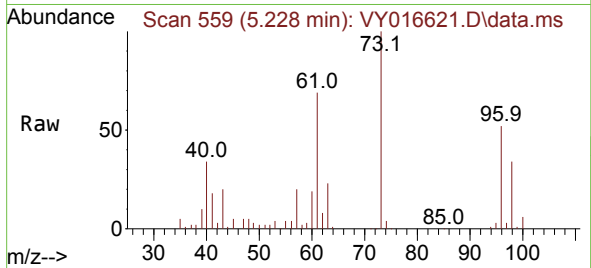




#19
Methyl tert-butyl Ether
Concen: 47.165 ug/l
RT: 5.228 min Scan# 51
Delta R.T. -0.012 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

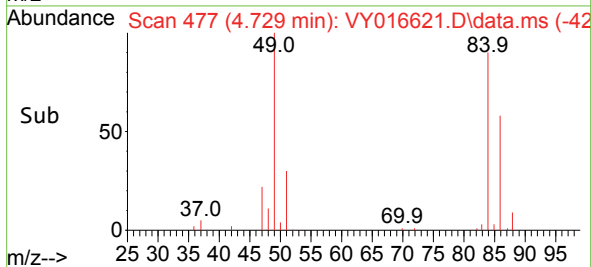
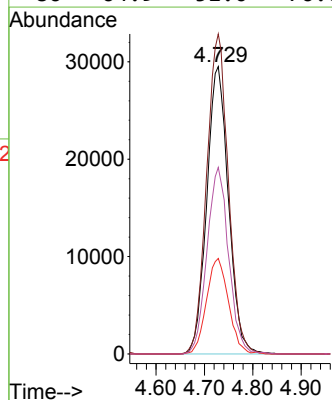
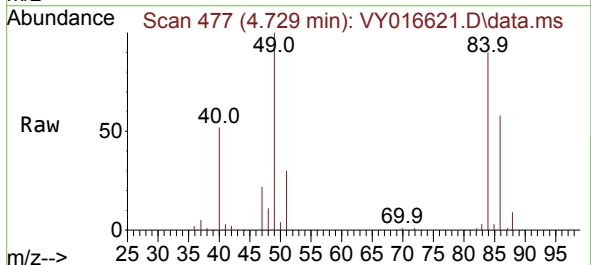
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

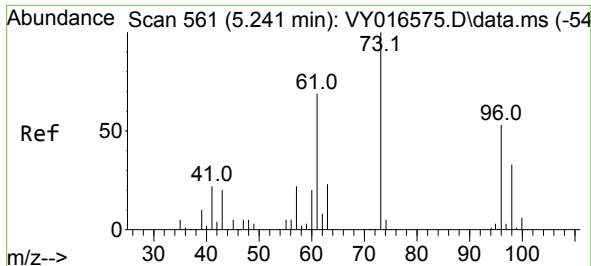
Tgt Ion: 73 Resp: 204600
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9



#20
Methylene Chloride
Concen: 50.183 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 84 Resp: 91859
Ion Ratio Lower Upper
84 100
49 111.3 106.9 160.3
51 33.2 33.2 49.8
86 64.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 48.628 ug/l

RT: 5.235 min Scan# 5

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

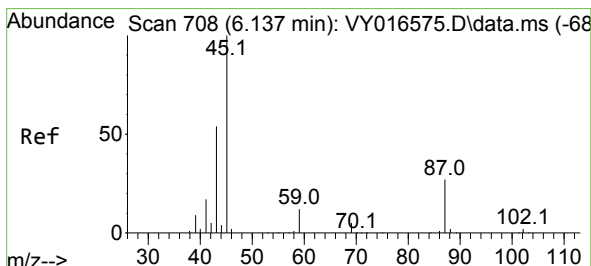
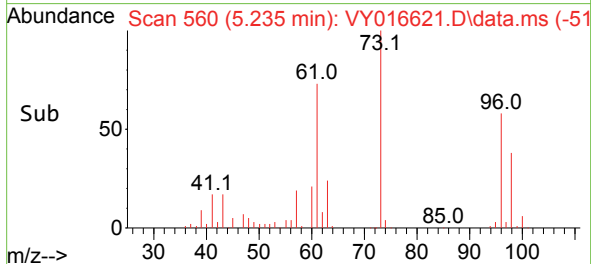
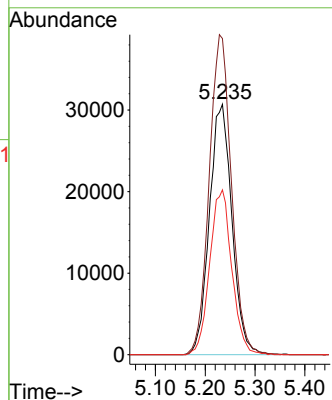
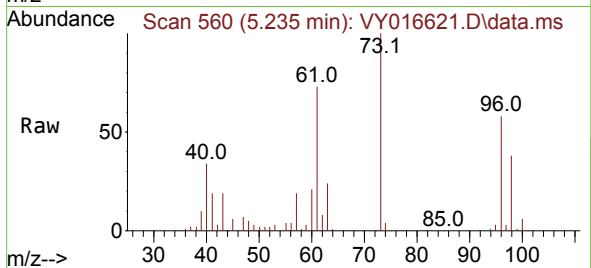
Tgt Ion: 96 Resp: 96500

Ion Ratio Lower Upper

96 100

61 126.2 110.2 165.4

98 65.8 51.8 77.6



#22

Diisopropyl ether

Concen: 42.249 ug/l

RT: 6.125 min Scan# 706

Delta R.T. -0.012 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Tgt Ion: 45 Resp: 234008

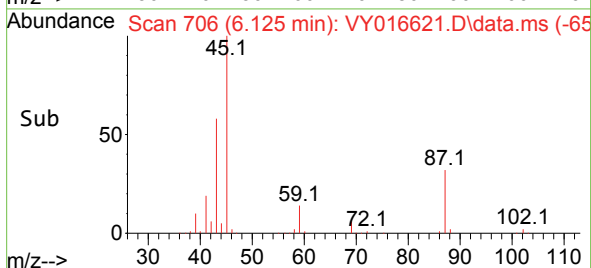
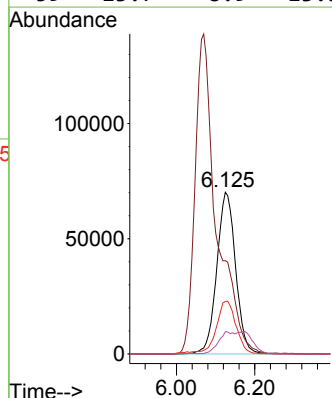
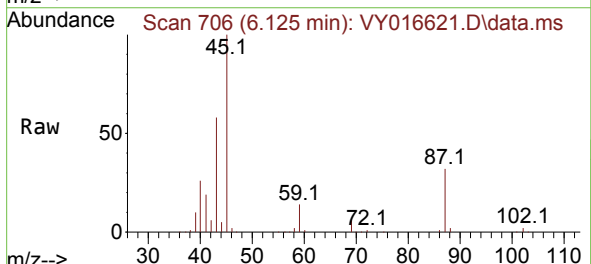
Ion Ratio Lower Upper

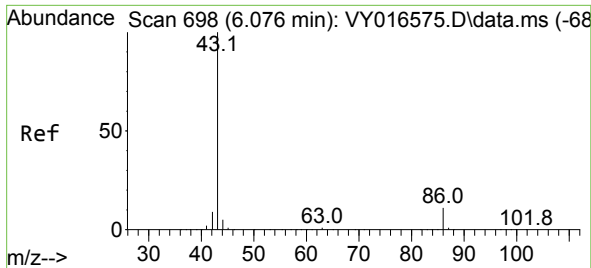
45 100

43 57.4 52.2 78.4

87 32.5 21.0 31.6#

59 13.7 8.9 13.3#

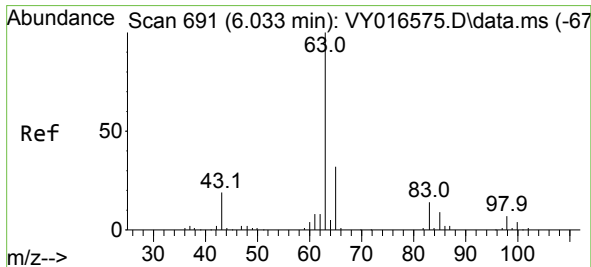
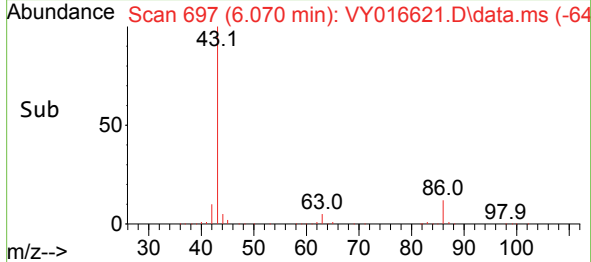
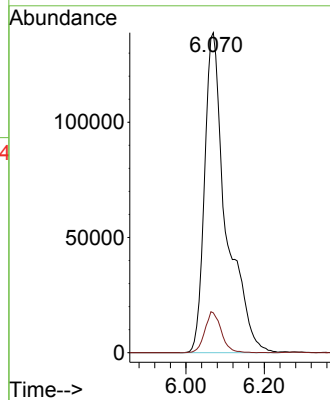
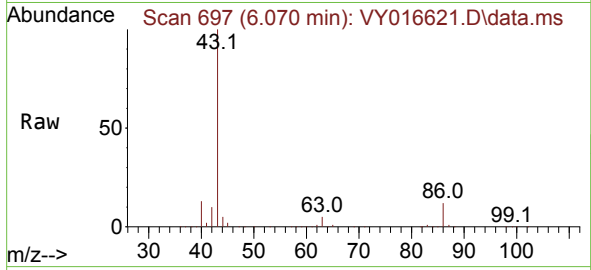




#23
 Vinyl Acetate
 Concen: 199.260 ug/l
 RT: 6.070 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY016621.D
 Acq: 06 Dec 2023 17:39

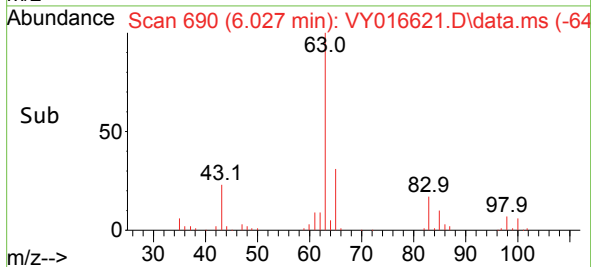
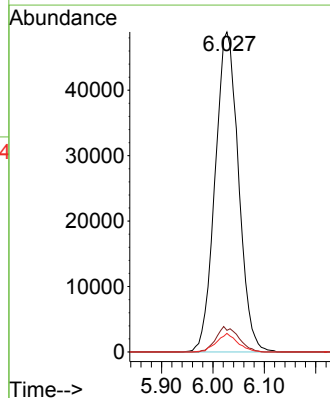
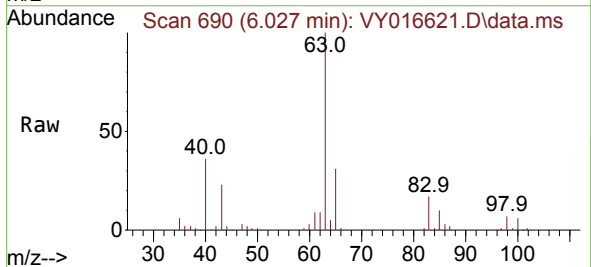
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

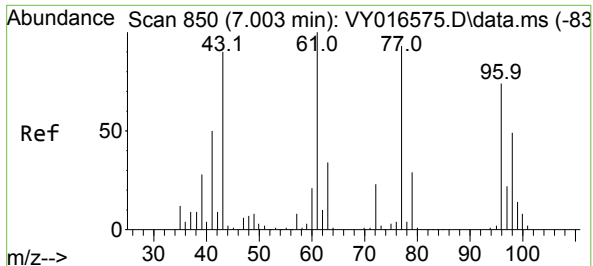
Tgt Ion: 43 Resp: 529820
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 45.479 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VY016621.D
 Acq: 06 Dec 2023 17:39

Tgt Ion: 63 Resp: 154753
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.1 9.4
 100 5.8 1.8 5.5#





#25

2-Butanone

Concen: 164.257 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.012 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

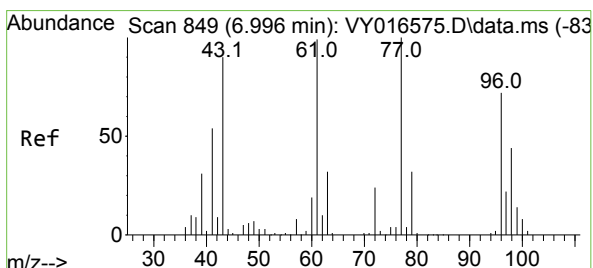
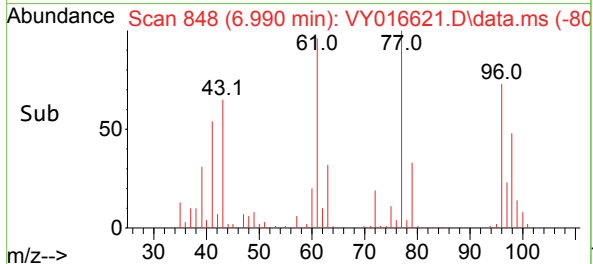
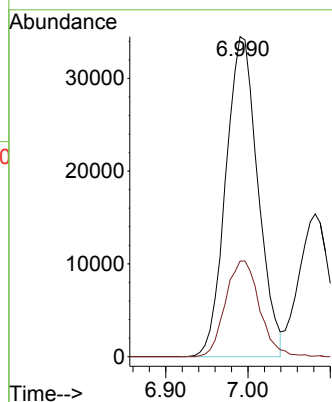
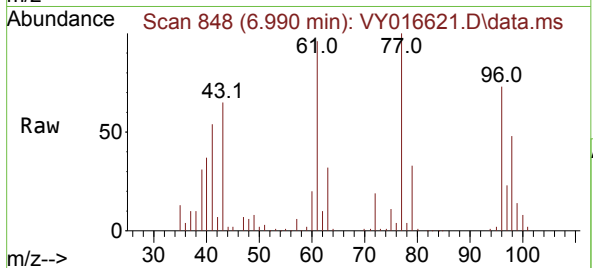
VSTDCCC050EC

Tgt Ion: 43 Resp: 93806

Ion Ratio Lower Upper

43 100

72 29.8 20.5 30.7



#26

2,2-Dichloropropane

Concen: 50.774 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY016621.D

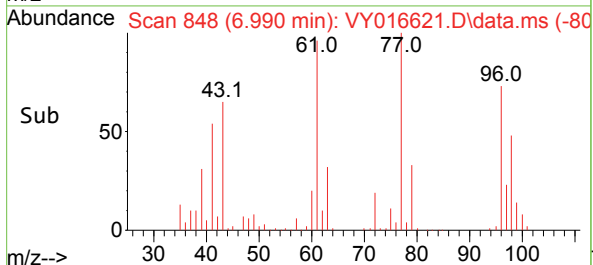
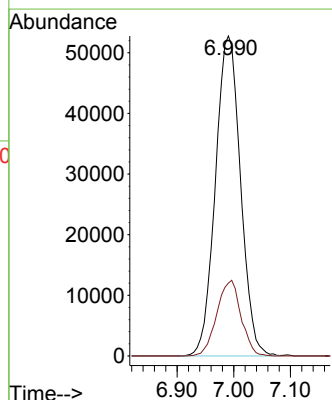
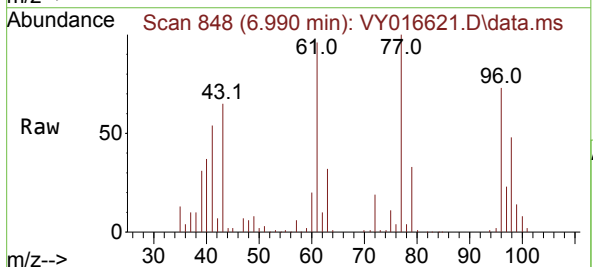
Acq: 06 Dec 2023 17:39

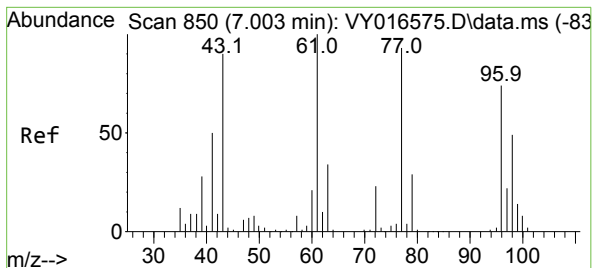
Tgt Ion: 77 Resp: 162424

Ion Ratio Lower Upper

77 100

97 22.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.528 ug/l

RT: 6.996 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

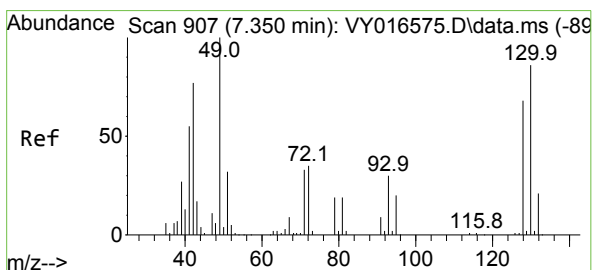
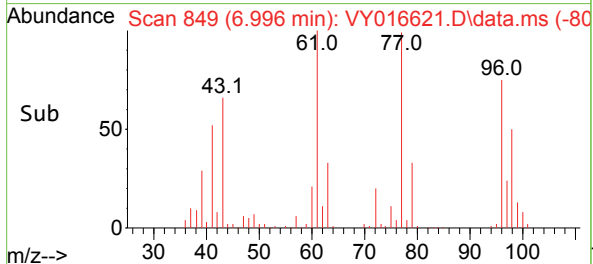
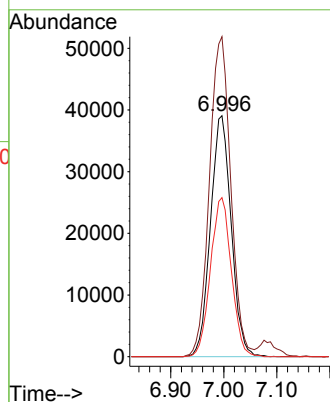
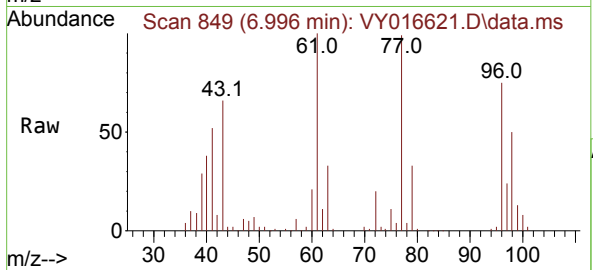
Tgt Ion: 96 Resp: 106005

Ion Ratio Lower Upper

96 100

61 136.8 0.0 301.4

98 66.6 0.0 130.4



#28

Bromochloromethane

Concen: 34.266 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

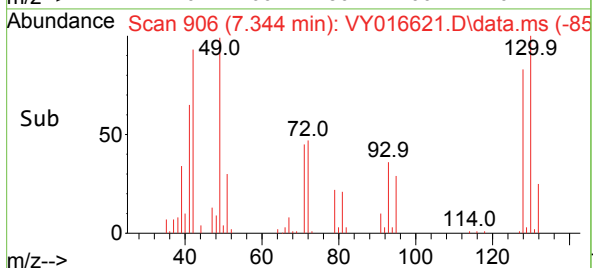
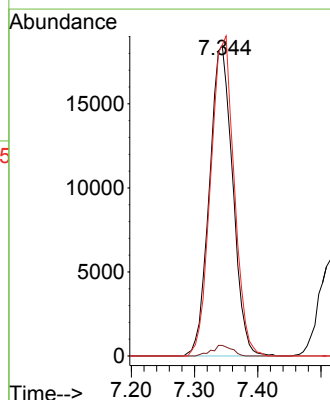
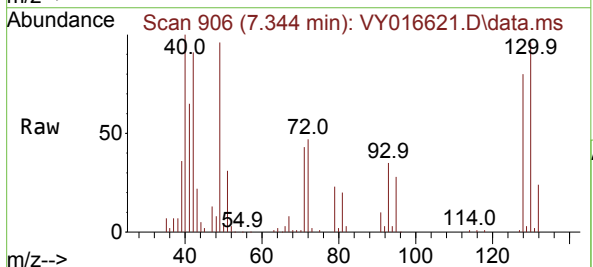
Tgt Ion: 49 Resp: 47229

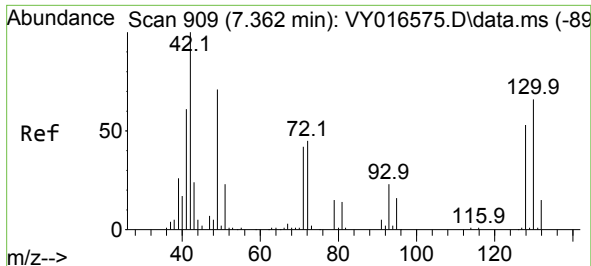
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 103.4 60.7 91.1#





#29

Tetrahydrofuran

Concen: 182.393 ug/l

RT: 7.356 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

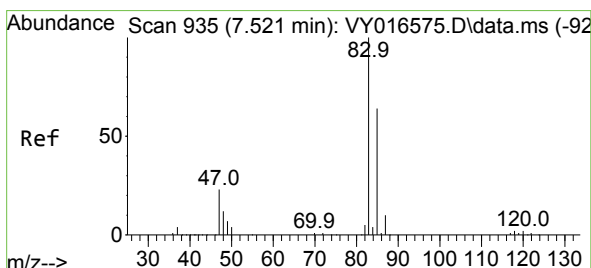
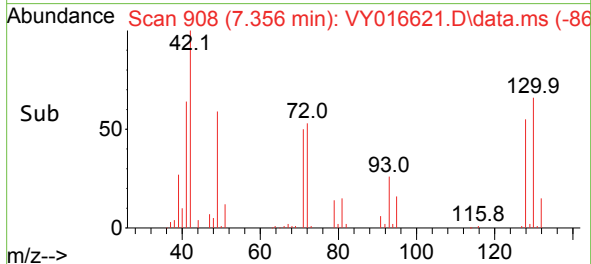
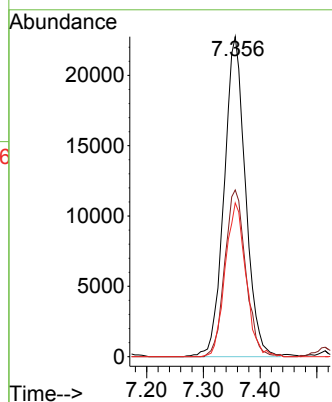
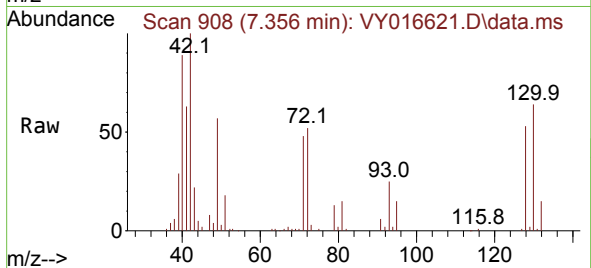
Tgt Ion: 42 Resp: 59387

Ion Ratio Lower Upper

42 100

72 51.3 32.8 49.2#

71 46.7 31.0 46.4#



#30

Chloroform

Concen: 49.583 ug/l

RT: 7.515 min Scan# 934

Delta R.T. -0.006 min

Lab File: VY016621.D

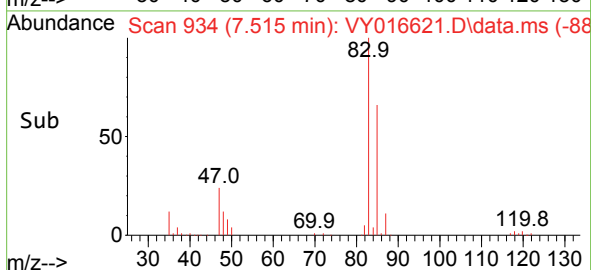
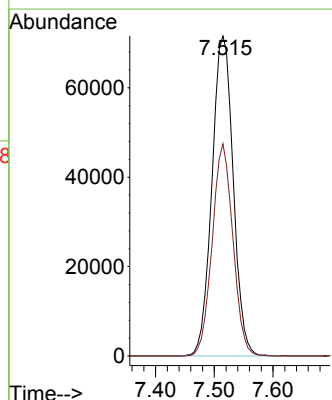
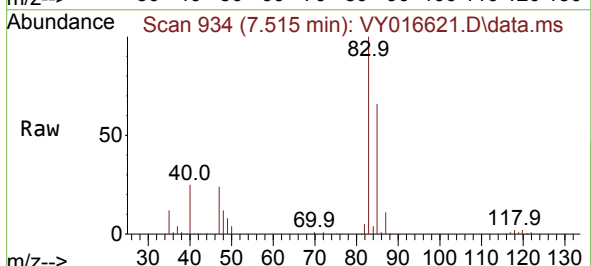
Acq: 06 Dec 2023 17:39

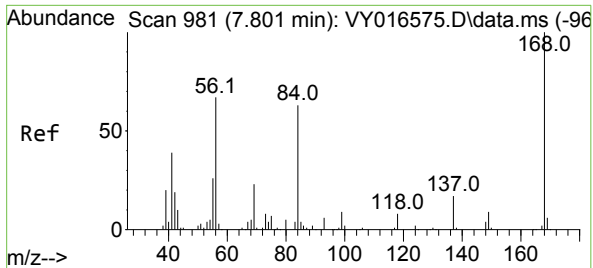
Tgt Ion: 83 Resp: 179847

Ion Ratio Lower Upper

83 100

85 66.3 49.7 74.5

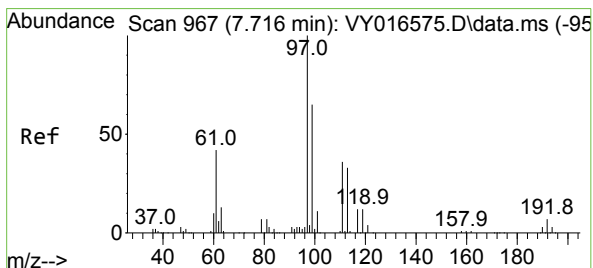
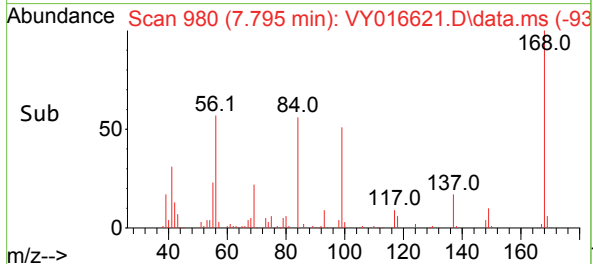
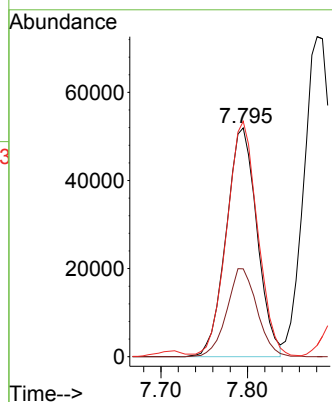
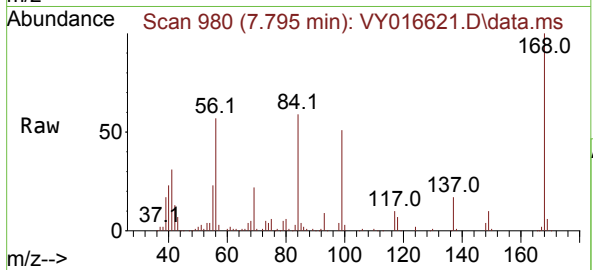




#31
Cyclohexane
Concen: 41.089 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

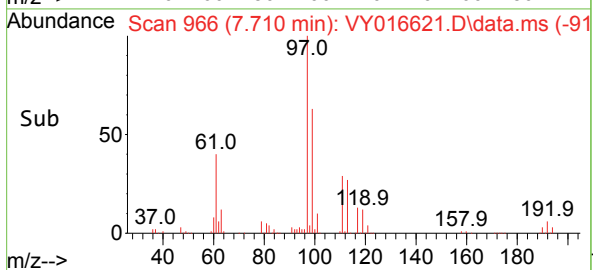
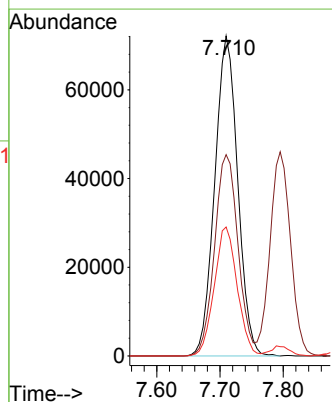
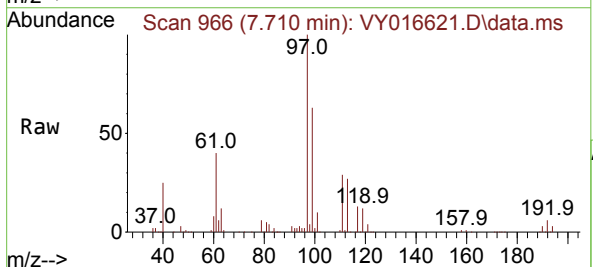
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

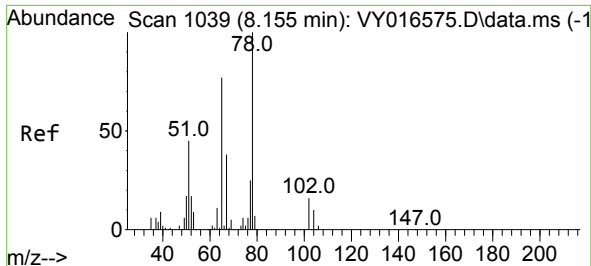
Tgt Ion: 56 Resp: 128738
Ion Ratio Lower Upper
56 100
69 38.4 27.8 41.6
84 101.0 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 52.896 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 97 Resp: 181578
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 40.4 35.1 52.7

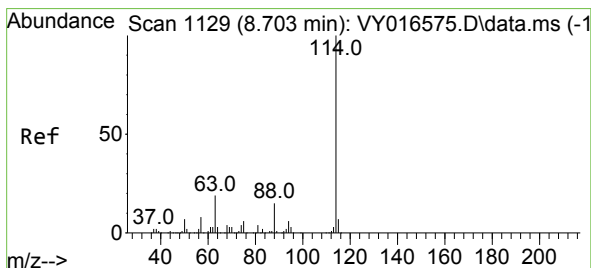
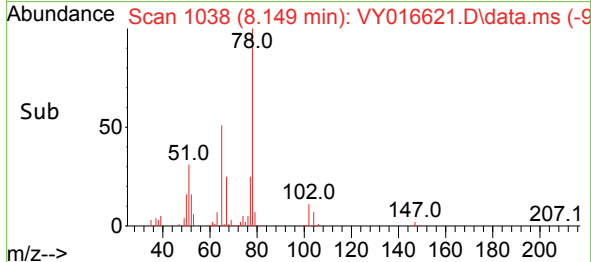
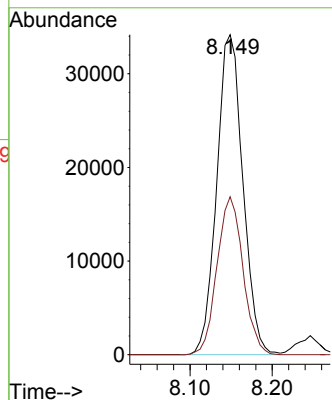
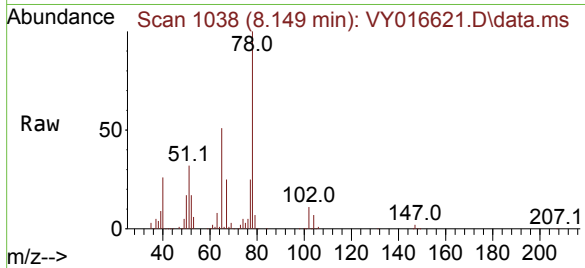




#33
 1,2-Dichloroethane-d4
 Concen: 41.185 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. -0.006 min
 Lab File: VY016621.D
 Acq: 06 Dec 2023 17:39

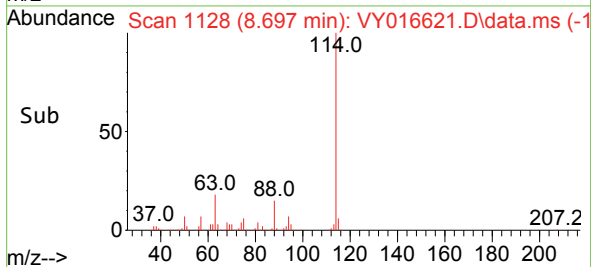
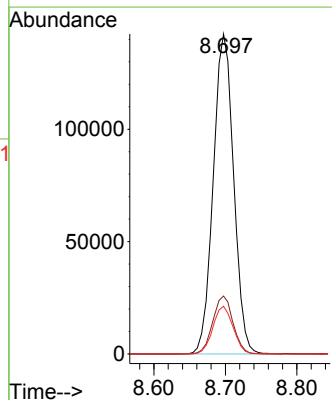
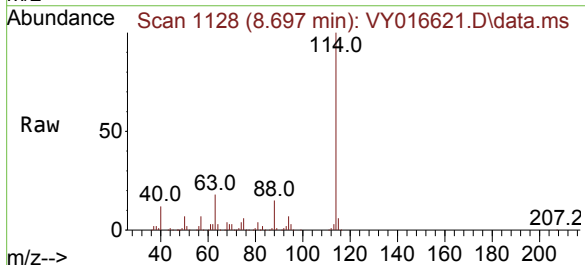
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

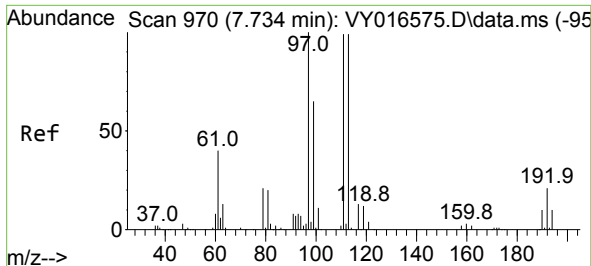
Tgt Ion: 65 Resp: 75588
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. -0.006 min
 Lab File: VY016621.D
 Acq: 06 Dec 2023 17:39

Tgt Ion:114 Resp: 281988
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 42.4
 88 14.9 0.0 30.6

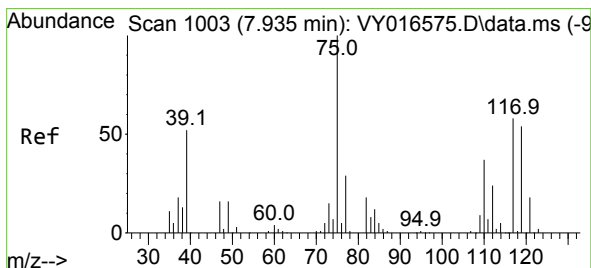
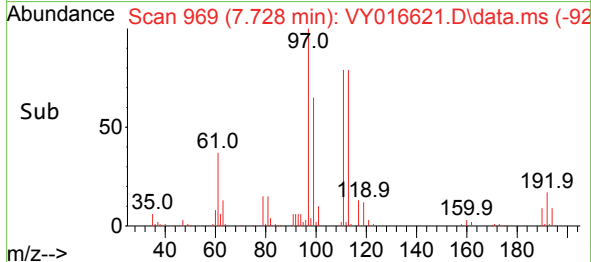
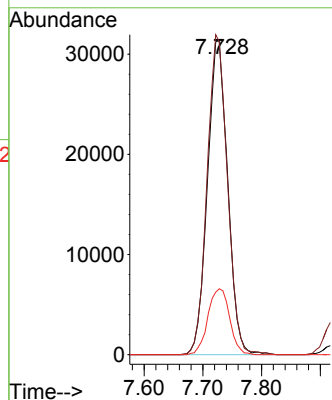
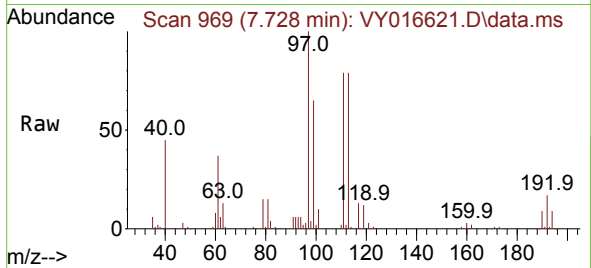




#35
Dibromofluoromethane
Concen: 44.263 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

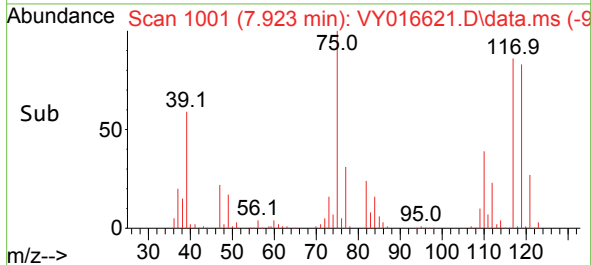
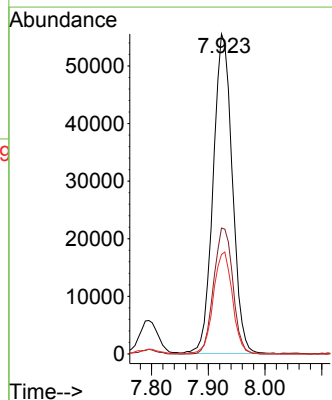
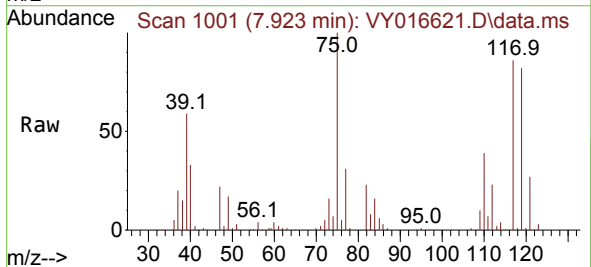
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

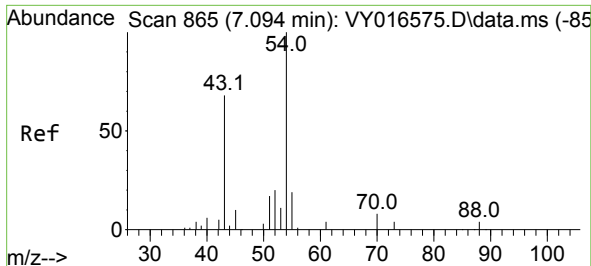
Tgt Ion:113 Resp: 75114
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 22.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.536 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.012 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 75 Resp: 130364
Ion Ratio Lower Upper
75 100
110 39.3 17.8 53.5
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 38.809 ug/l

RT: 7.082 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

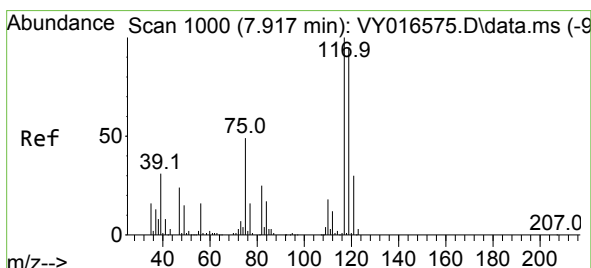
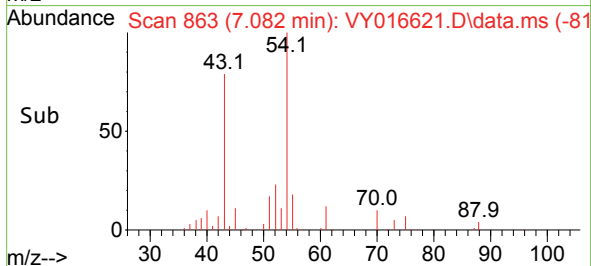
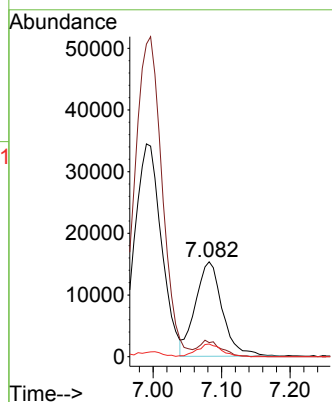
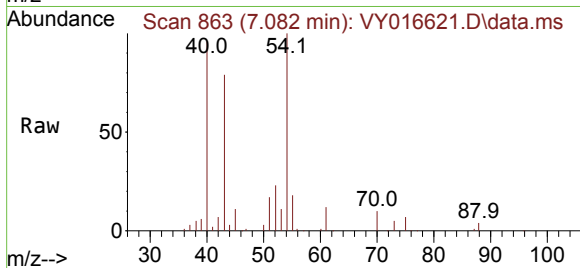
Tgt Ion: 43 Resp: 41892

Ion Ratio Lower Upper

43 100

61 14.0 10.1 15.1

70 12.3 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 57.660 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.012 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

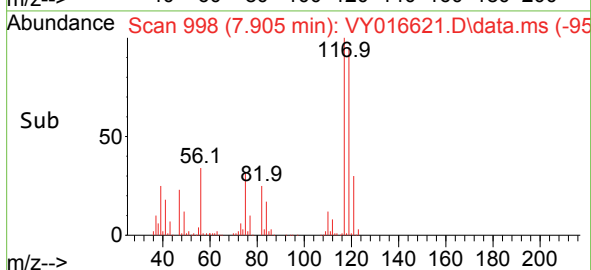
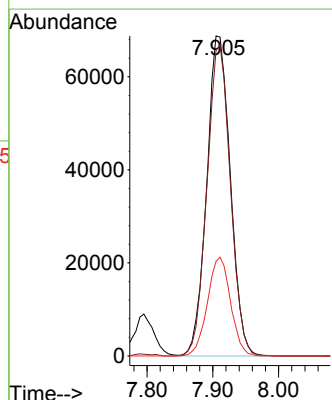
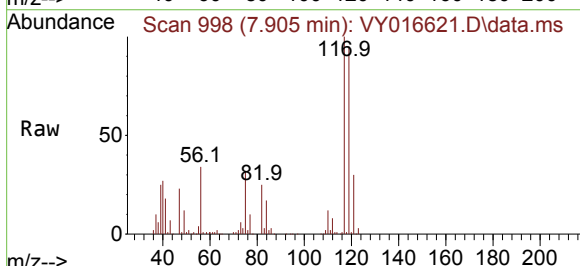
Tgt Ion: 117 Resp: 172194

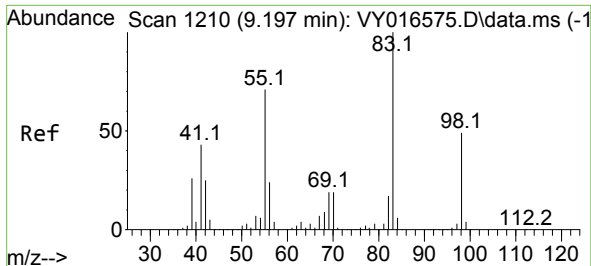
Ion Ratio Lower Upper

117 100

119 95.5 76.4 114.6

121 29.5 25.8 38.6





#39

Methylcyclohexane

Concen: 52.193 ug/l

RT: 9.191 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

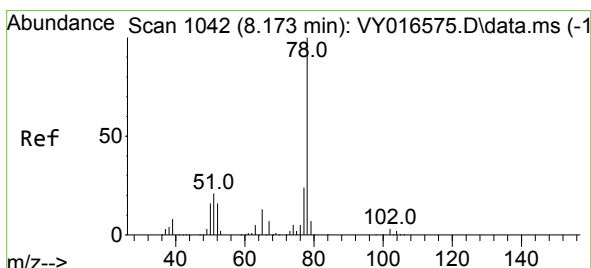
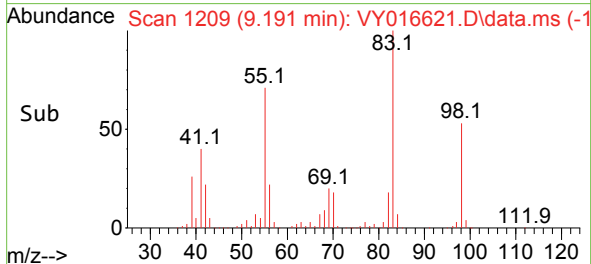
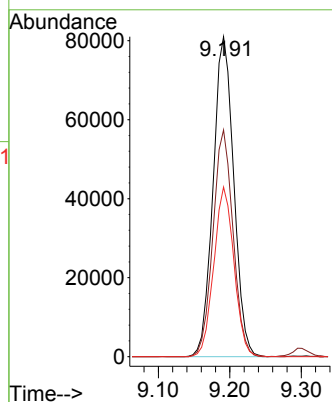
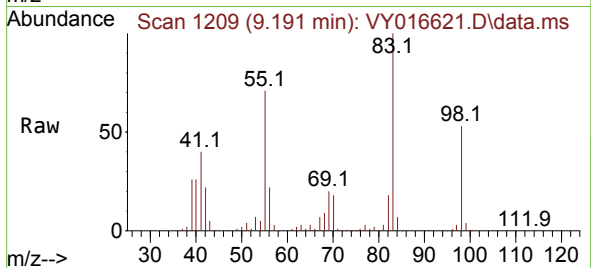
Tgt Ion: 83 Resp: 162218

Ion Ratio Lower Upper

83 100

55 70.8 63.0 94.4

98 53.0 37.4 56.2



#40

Benzene

Concen: 50.329 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016621.D

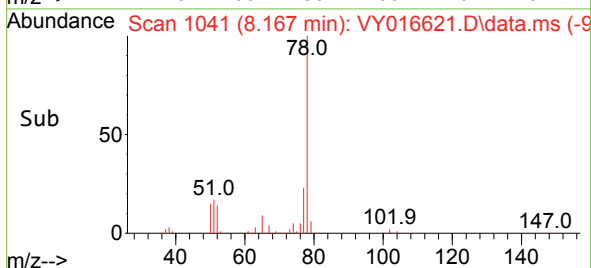
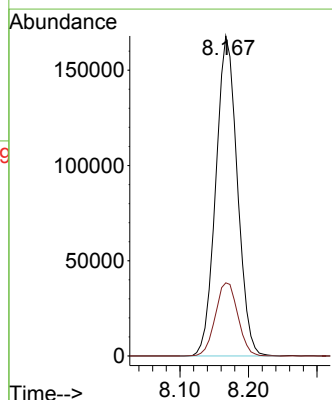
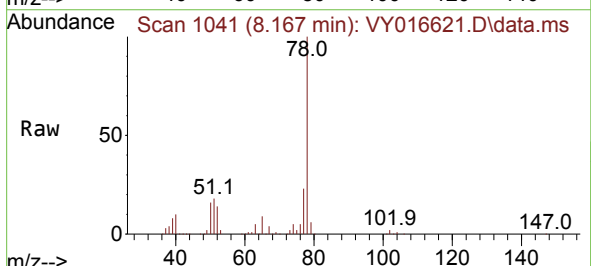
Acq: 06 Dec 2023 17:39

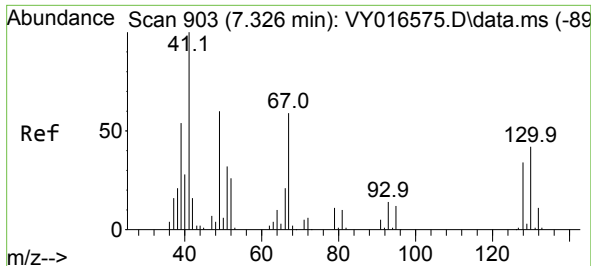
Tgt Ion: 78 Resp: 365948

Ion Ratio Lower Upper

78 100

77 22.9 19.0 28.6

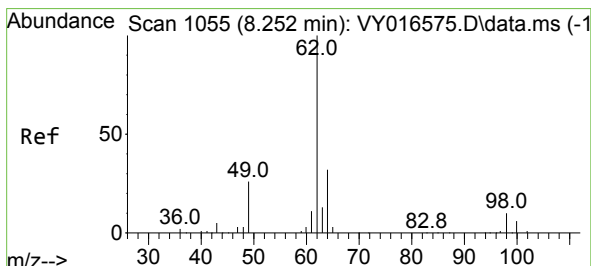
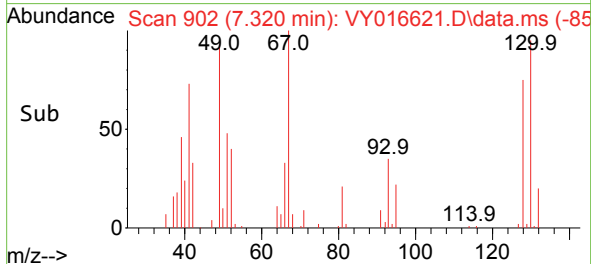
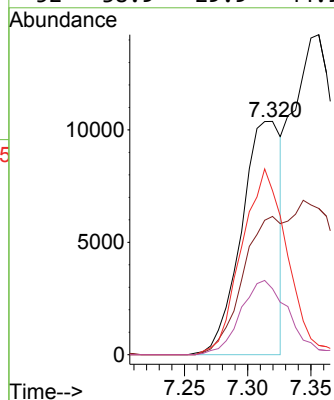
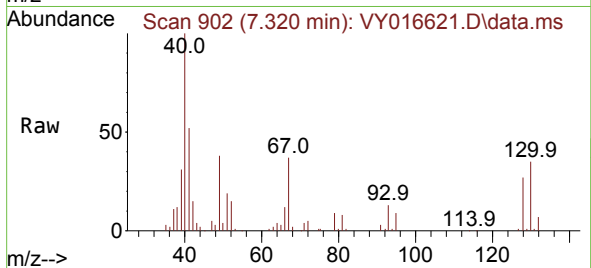




#41
Methacrylonitrile
Concen: 36.212 ug/l
RT: 7.320 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

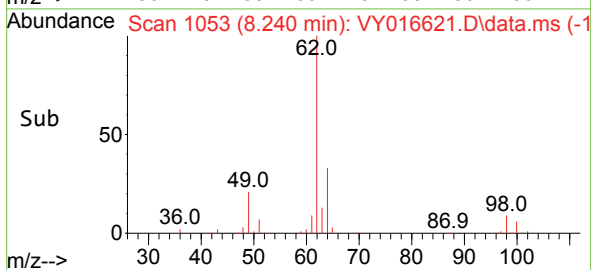
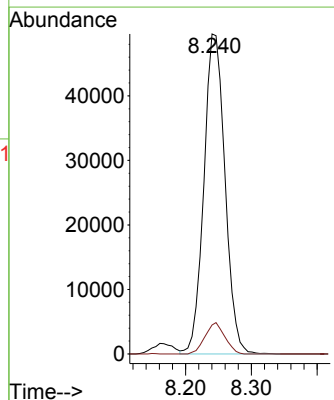
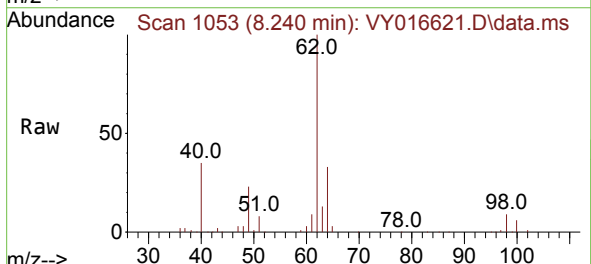
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

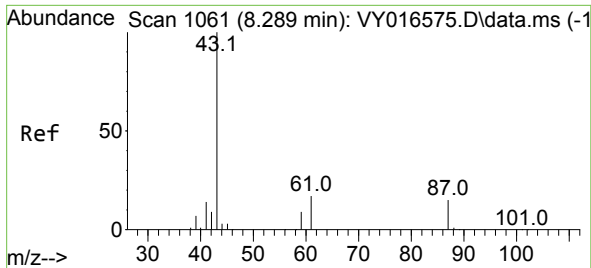
Tgt Ion: 41	Resp: 22575
Ion Ratio	Lower Upper
41 100	
39 57.8	52.1 78.1
67 91.7	66.2 99.2
52 38.9	29.9 44.9



#42
1,2-Dichloroethane
Concen: 52.567 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.012 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 62	Resp: 110983
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 15.8

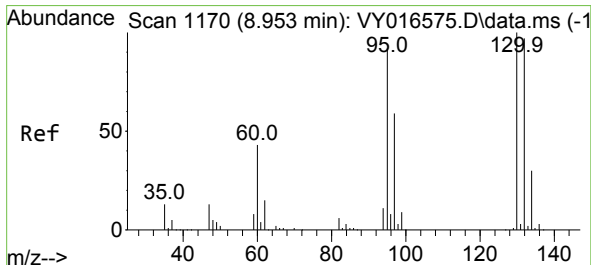
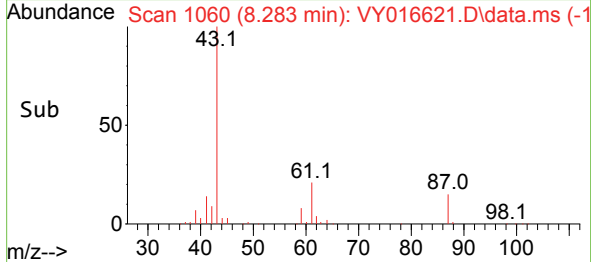
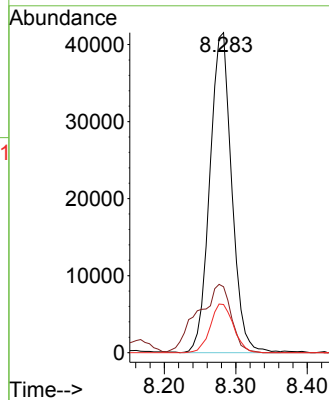
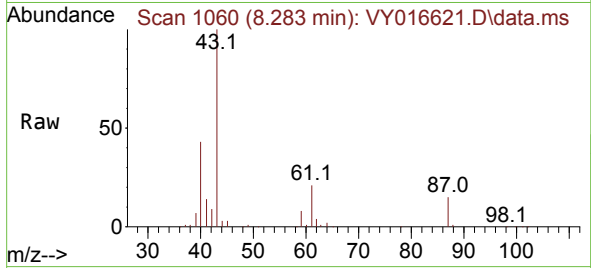




#43
Isopropyl Acetate
Concen: 42.401 ug/l
RT: 8.283 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

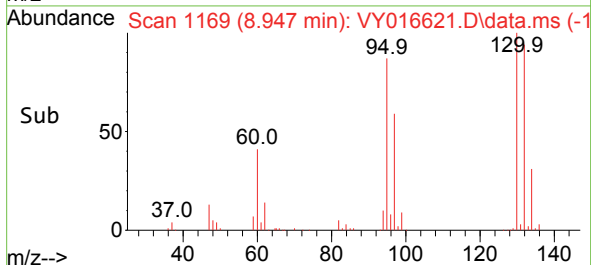
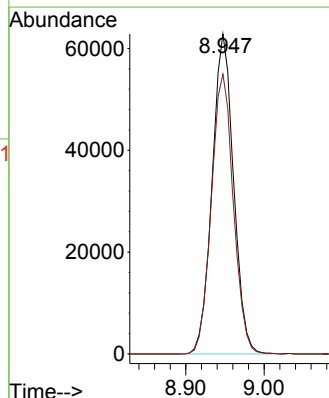
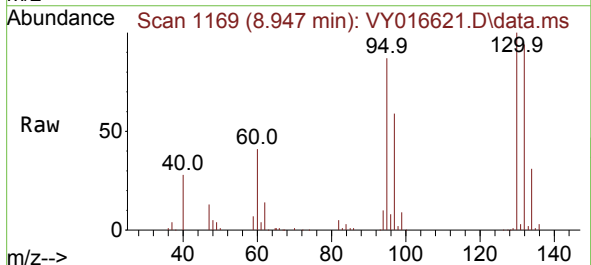
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

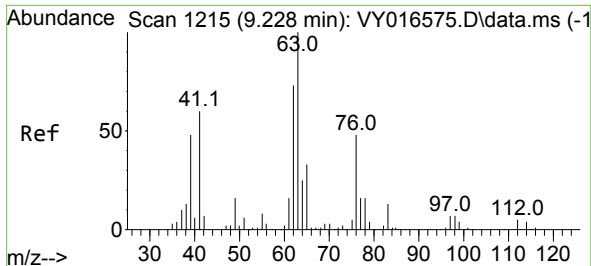
Tgt Ion: 43 Resp: 88292
Ion Ratio Lower Upper
43 100
61 32.4 21.1 31.7#
87 16.1 9.8 14.8#



#44
Trichloroethene
Concen: 54.305 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion:130 Resp: 119077
Ion Ratio Lower Upper
130 100
95 87.4 0.0 196.0

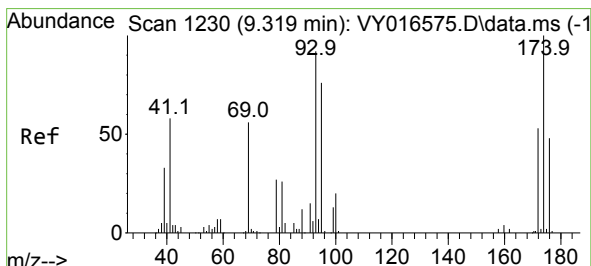
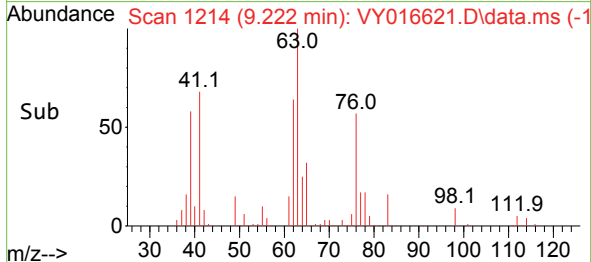
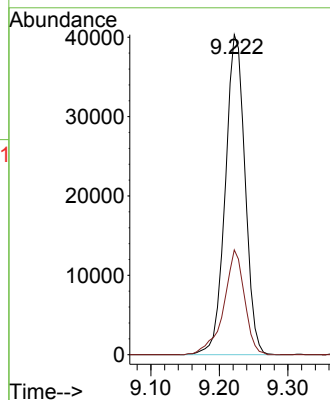
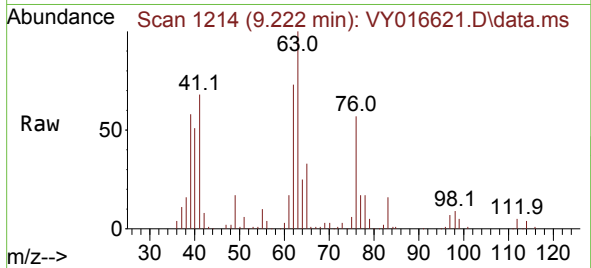




#45
1,2-Dichloropropane
Concen: 45.981 ug/l
RT: 9.222 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

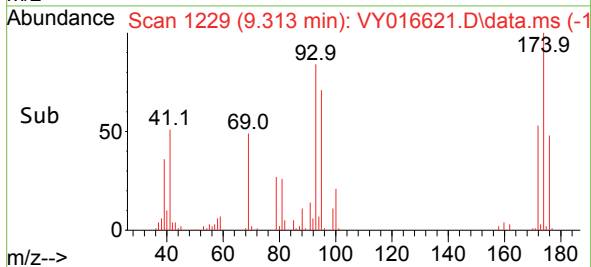
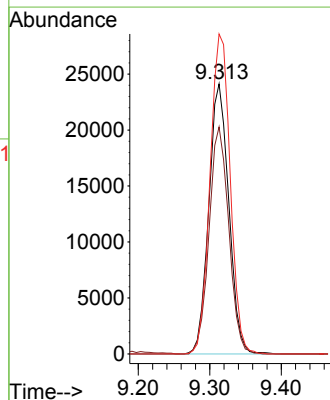
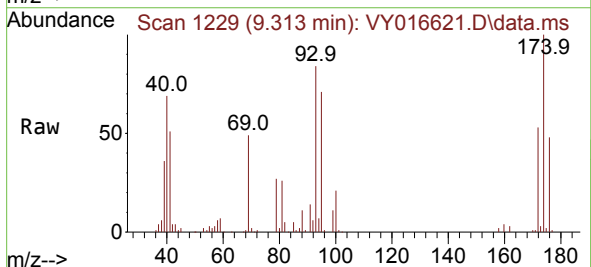
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

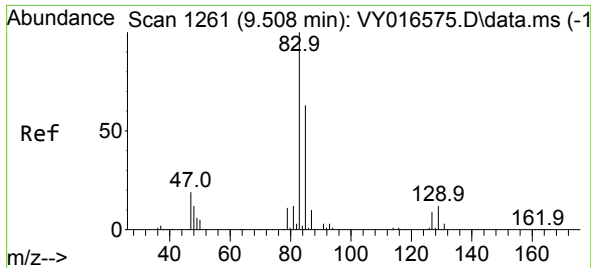
Tgt Ion: 63 Resp: 80491
Ion Ratio Lower Upper
63 100
65 32.7 23.8 35.6



#46
Dibromomethane
Concen: 48.848 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 93 Resp: 46878
Ion Ratio Lower Upper
93 100
95 82.8 66.6 100.0
174 119.2 84.8 127.2

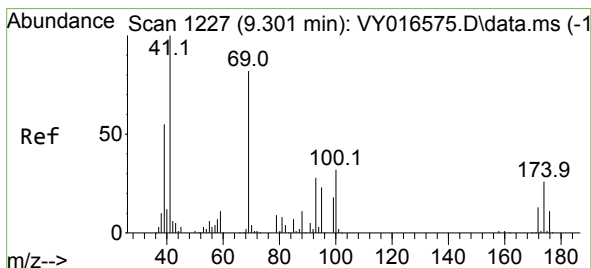
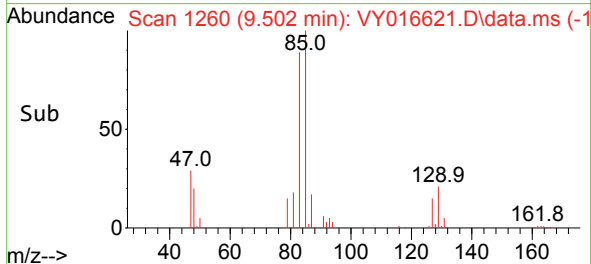
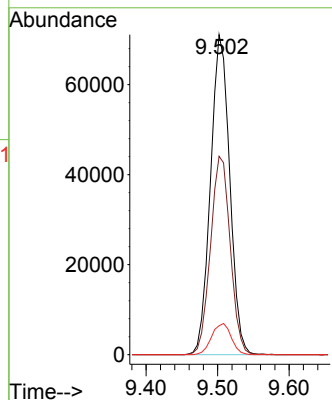
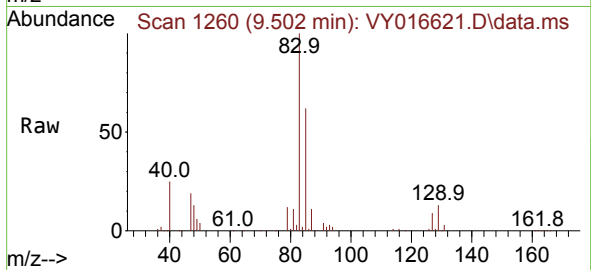




#47
Bromodichloromethane
Concen: 51.856 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

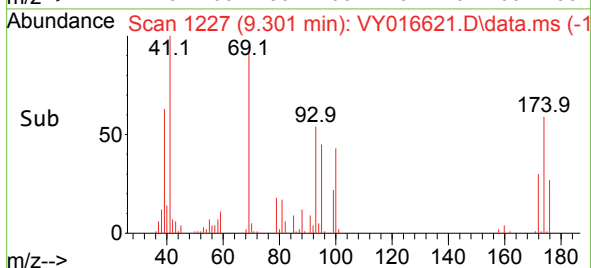
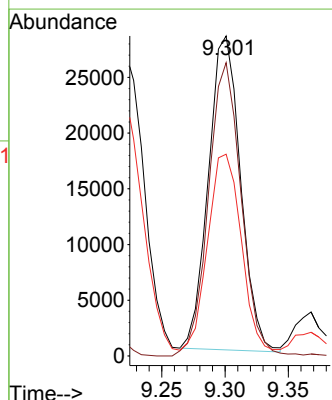
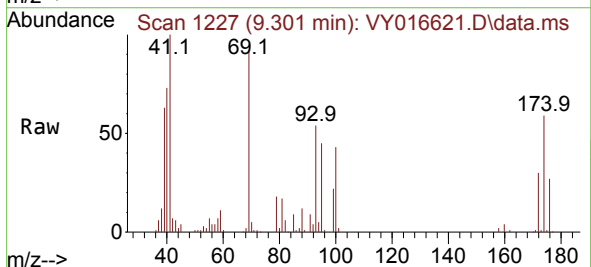
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

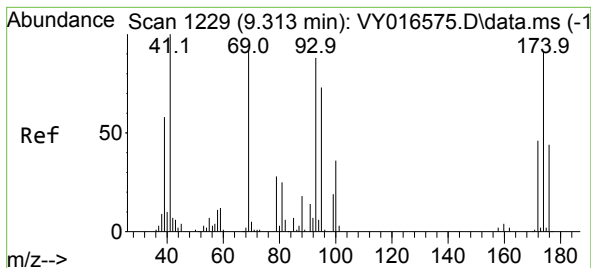
Tgt Ion: 83 Resp: 132485
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 41.427 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 41 Resp: 49819
Ion Ratio Lower Upper
41 100
69 95.0 64.5 96.7
39 68.2 50.8 76.2





#49

1,4-Dioxane

Concen: 874.048 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

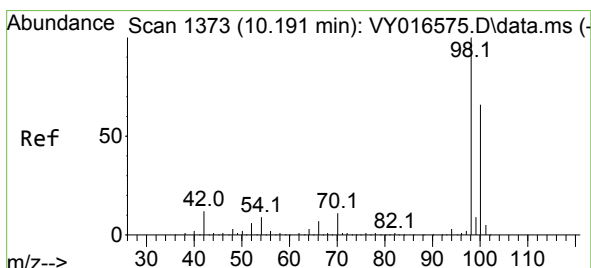
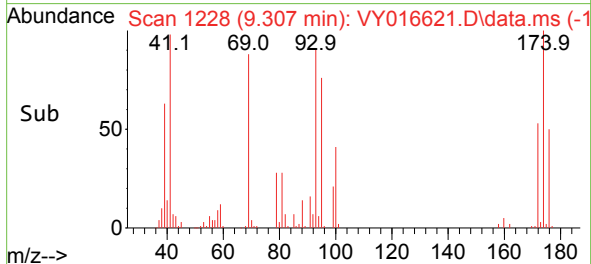
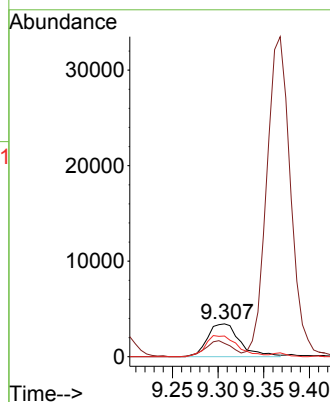
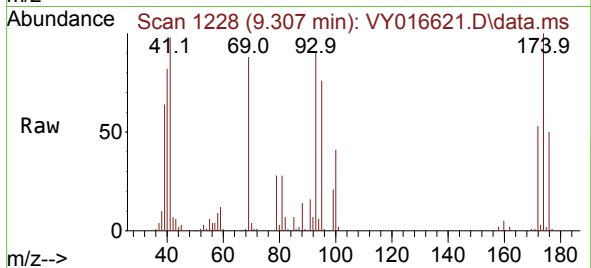
Tgt Ion: 88 Resp: 8490

Ion Ratio Lower Upper

88 100

43 39.2 0.0 0.0#

58 62.9 30.9 46.3#



#50

Toluene-d8

Concen: 45.539 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. -0.006 min

Lab File: VY016621.D

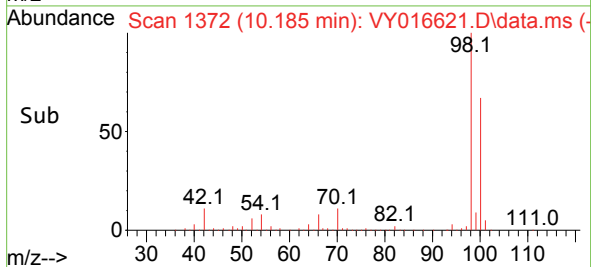
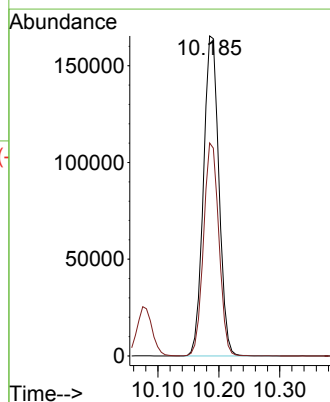
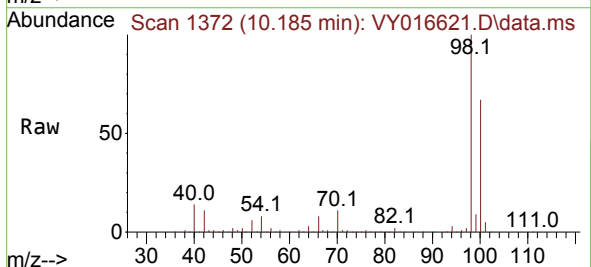
Acq: 06 Dec 2023 17:39

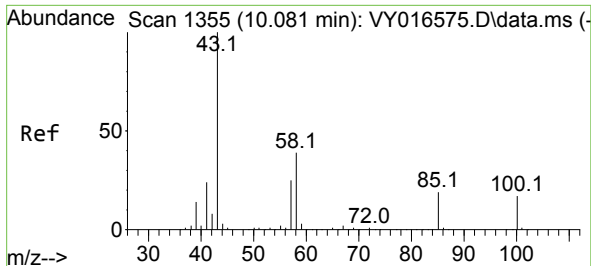
Tgt Ion: 98 Resp: 292318

Ion Ratio Lower Upper

98 100

100 66.1 50.1 75.1

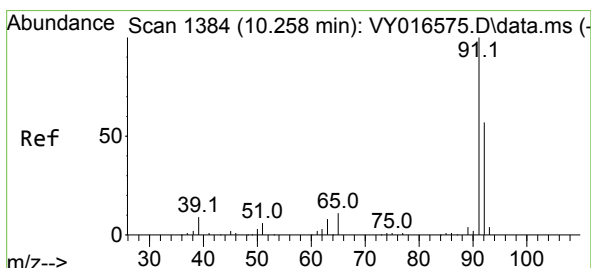
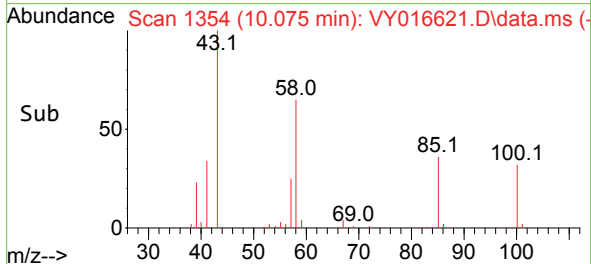
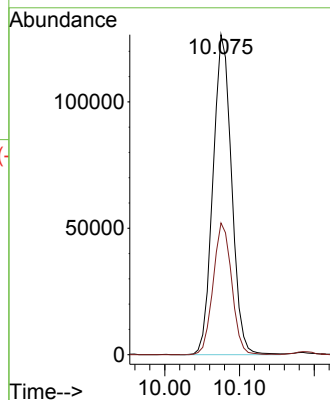
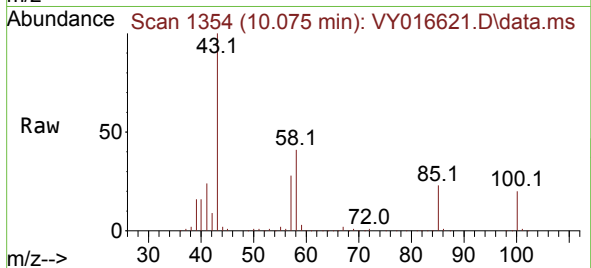




#51
4-Methyl-2-Pentanone
Concen: 202.619 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

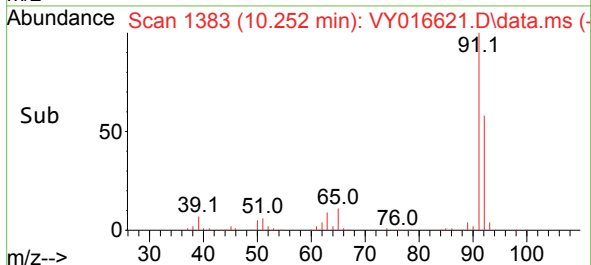
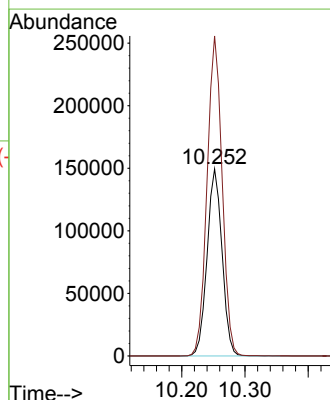
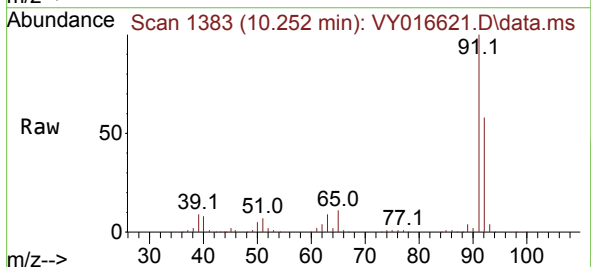
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

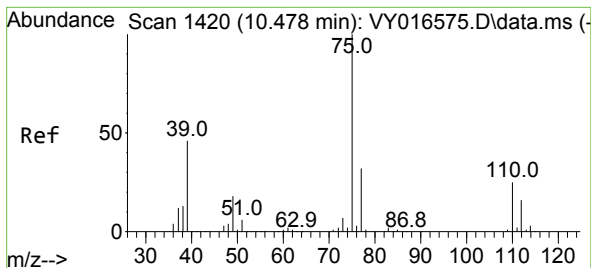
Tgt Ion: 43 Resp: 219266
Ion Ratio Lower Upper
43 100
58 40.9 29.0 43.6



#52
Toluene
Concen: 53.940 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 92 Resp: 245810
Ion Ratio Lower Upper
92 100
91 172.1 143.8 215.6

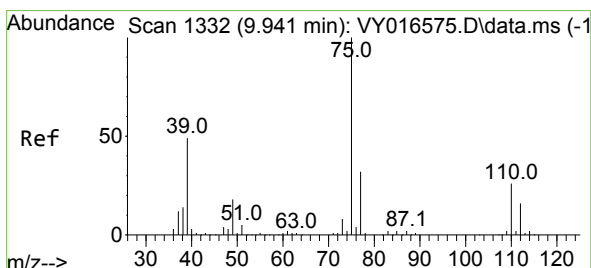
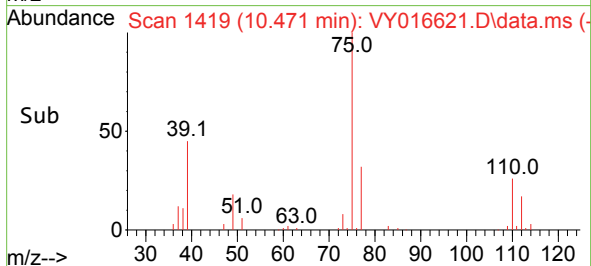
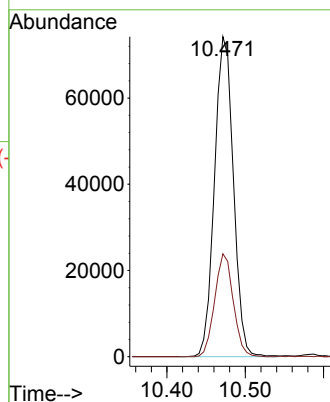
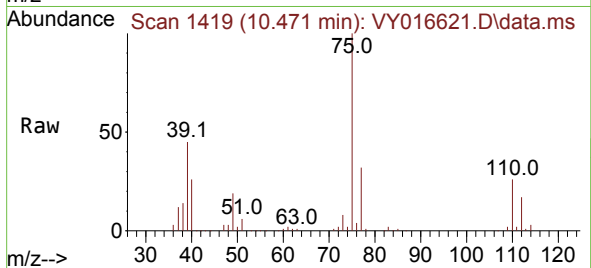




#53
t-1,3-Dichloropropene
Concen: 51.710 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

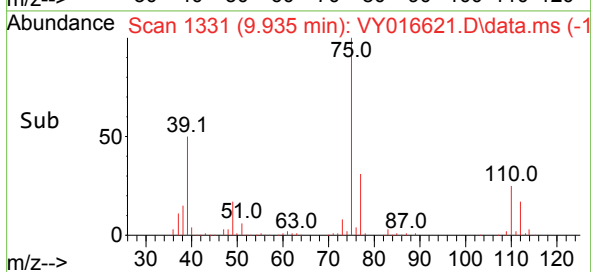
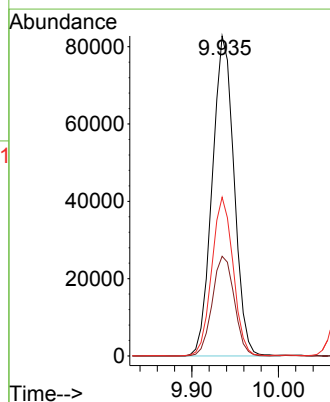
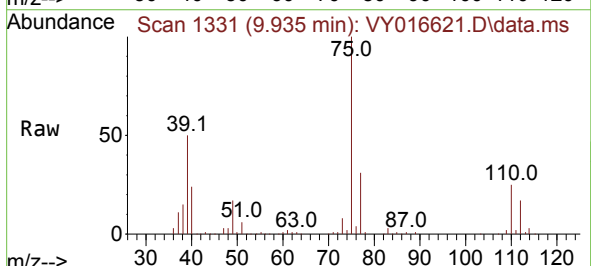
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

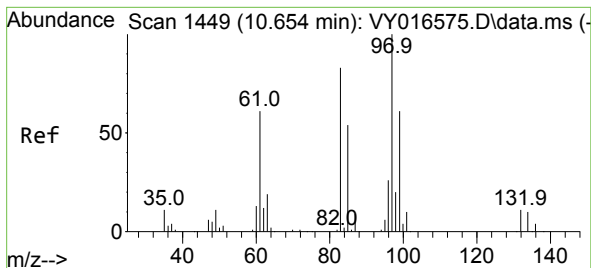
Tgt Ion: 75 Resp: 124680
Ion Ratio Lower Upper
75 100
77 32.1 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.191 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 75 Resp: 144961
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 49.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.722 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 66468

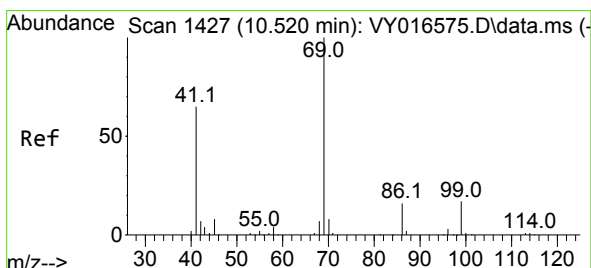
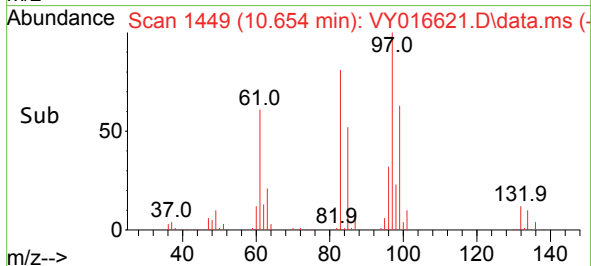
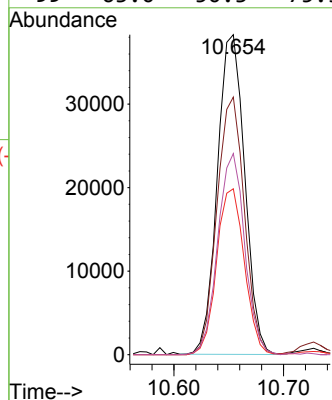
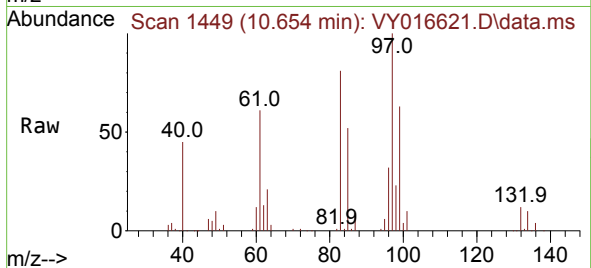
Ion Ratio Lower Upper

97 100

83 80.6 72.0 108.0

85 51.9 45.4 68.0

99 63.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 47.835 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

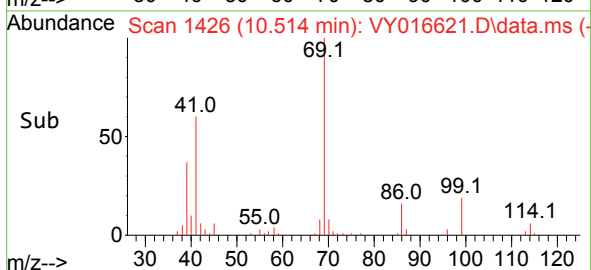
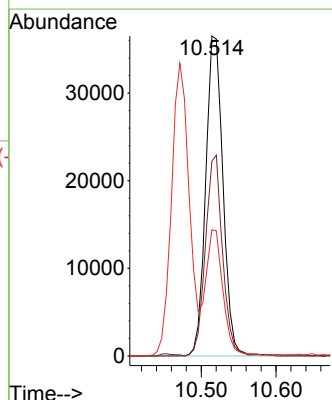
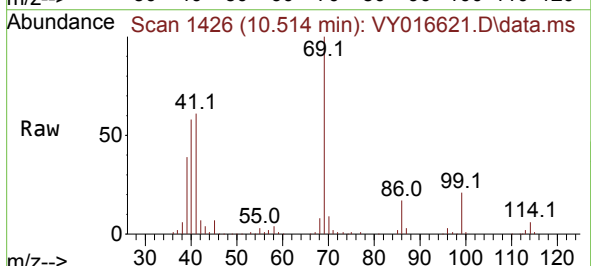
Tgt Ion: 69 Resp: 58615

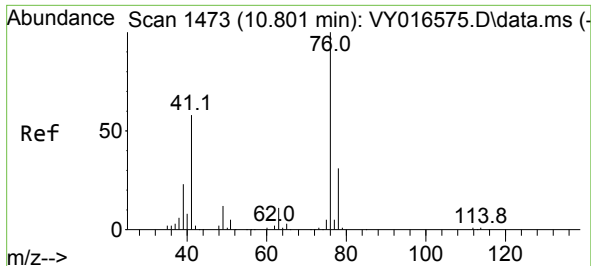
Ion Ratio Lower Upper

69 100

41 62.1 57.6 86.4

39 40.0 34.1 51.1

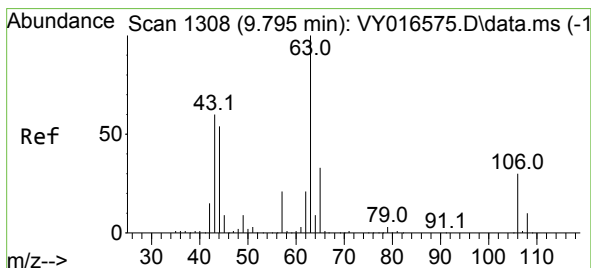
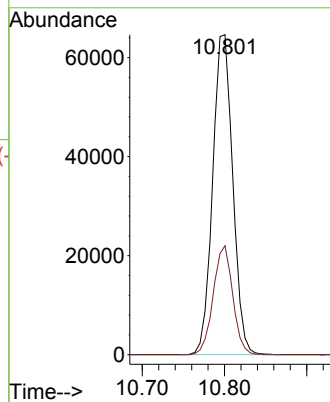
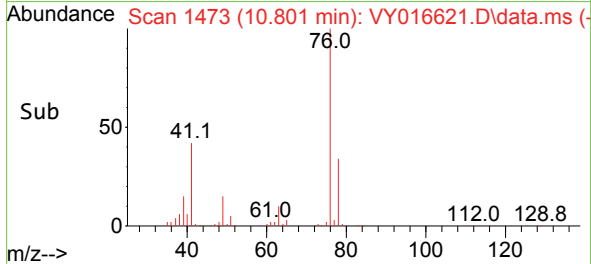
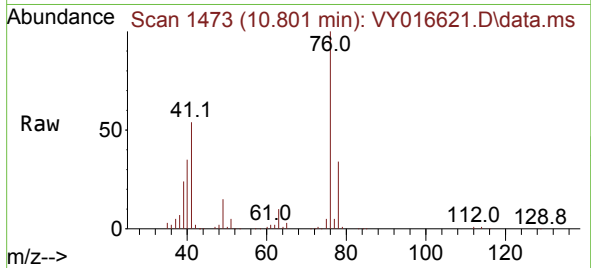




#57
1,3-Dichloropropane
Concen: 48.408 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

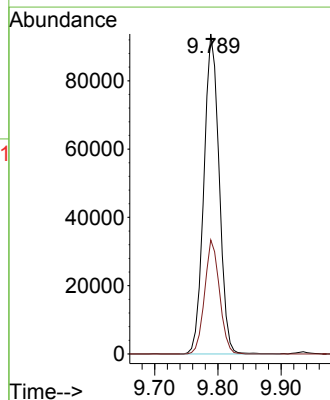
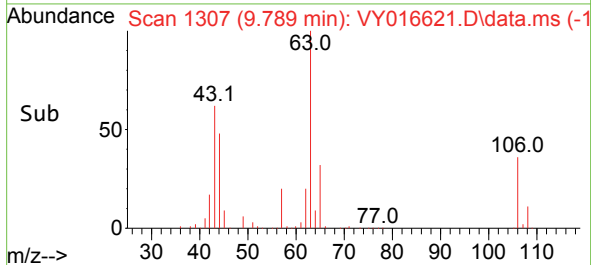
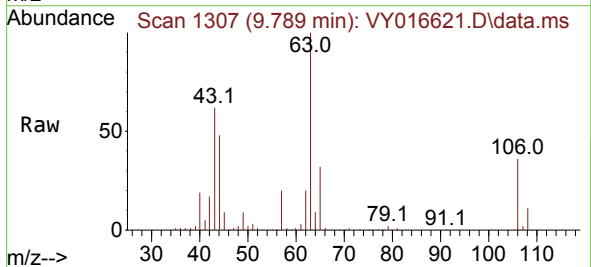
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

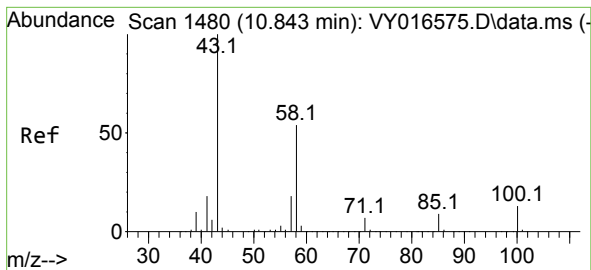
Tgt Ion: 76 Resp: 109318
Ion Ratio Lower Upper
76 100
78 33.1 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 208.490 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 63 Resp: 157437
Ion Ratio Lower Upper
63 100
106 34.7 21.2 31.8#

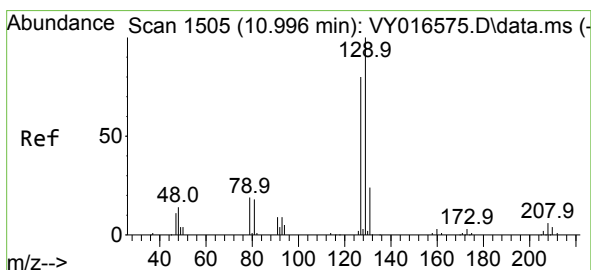
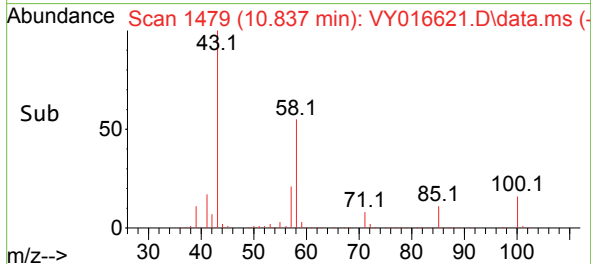
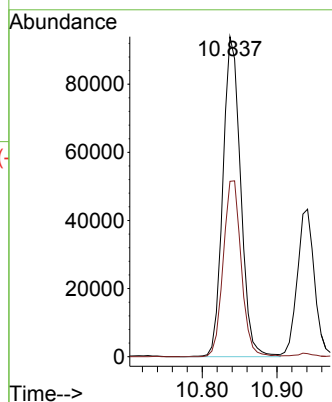
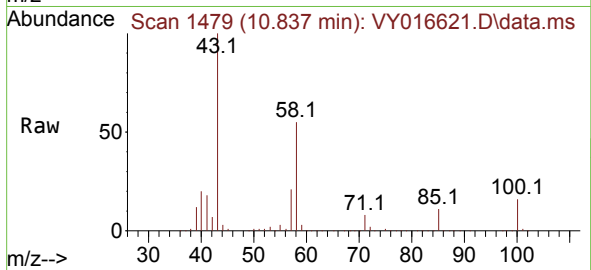




#59
2-Hexanone
Concen: 189.683 ug/l
RT: 10.837 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

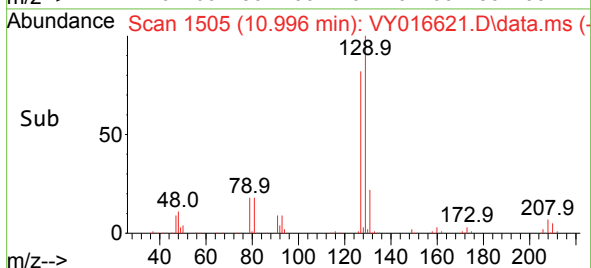
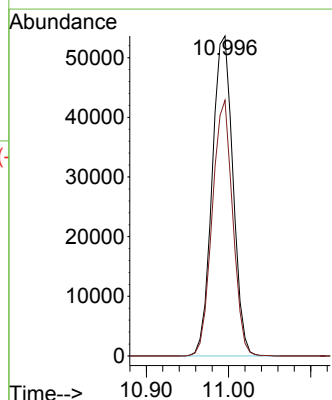
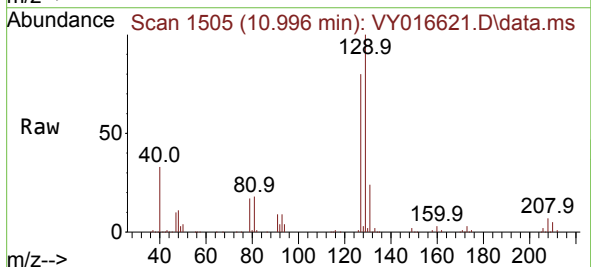
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

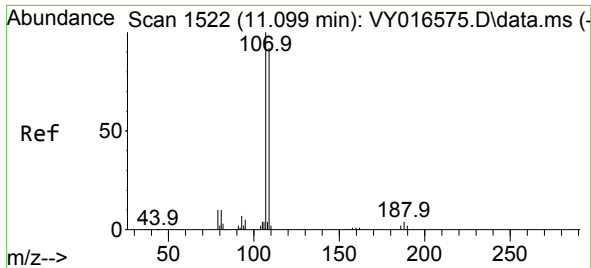
Tgt Ion: 43 Resp: 155281
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 52.729 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 129 Resp: 94181
Ion Ratio Lower Upper
129 100
127 78.5 38.5 115.5

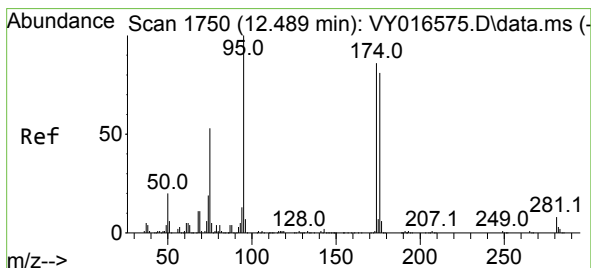
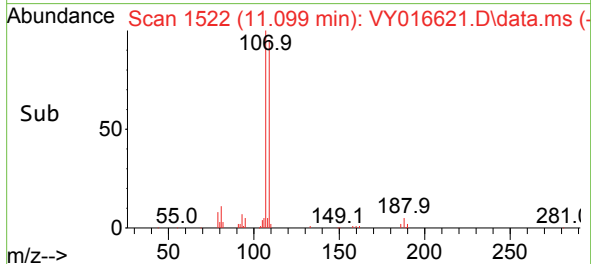
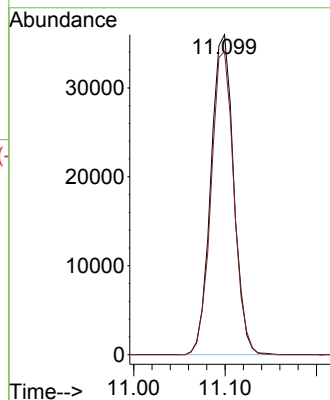
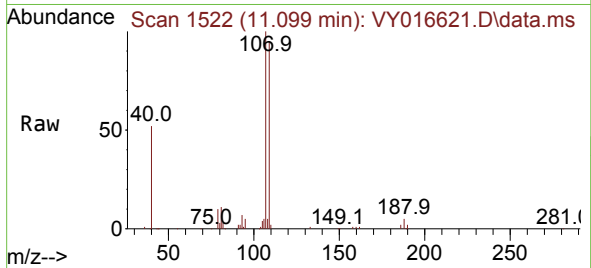




#61
1,2-Dibromoethane
Concen: 49.532 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

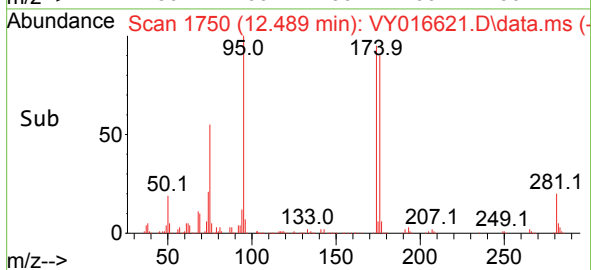
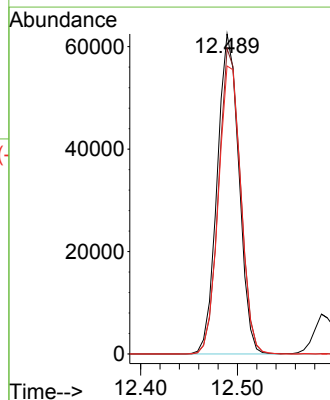
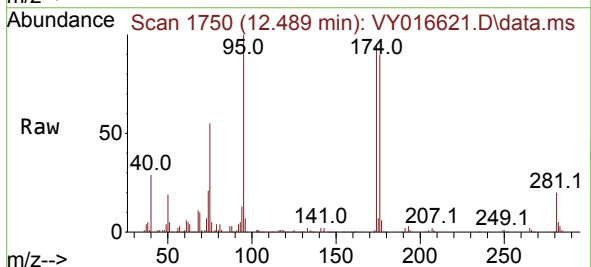
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

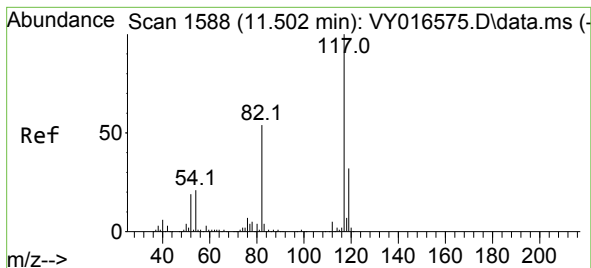
Tgt Ion:107 Resp: 62278
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.111 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 95 Resp: 97337
Ion Ratio Lower Upper
95 100
174 95.6 0.0 178.2
176 93.2 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

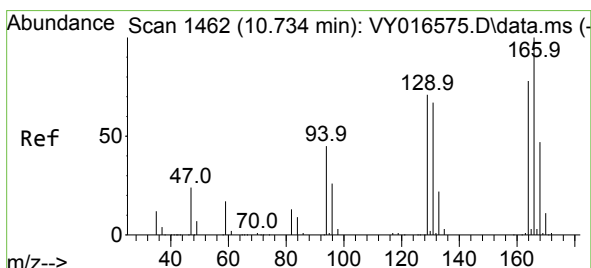
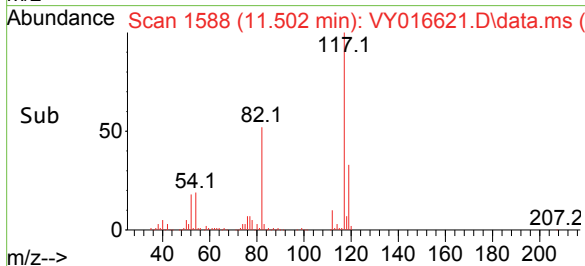
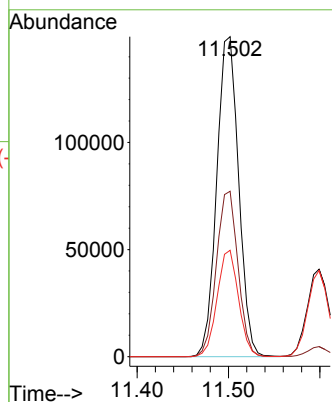
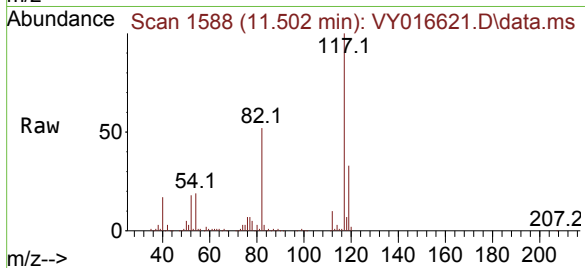
Tgt Ion:117 Resp: 248938

Ion Ratio Lower Upper

117 100

82 51.7 43.4 65.0

119 33.2 26.3 39.5



#64

Tetrachloroethene

Concen: 55.752 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Tgt Ion:164 Resp: 127196

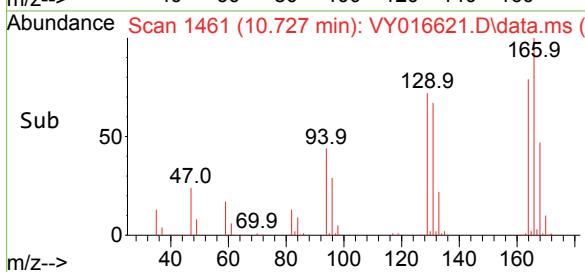
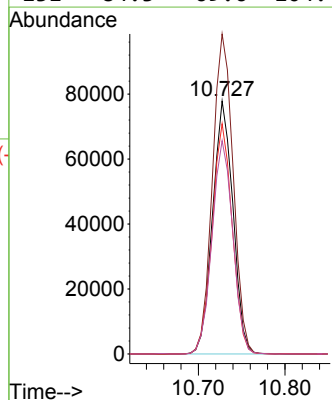
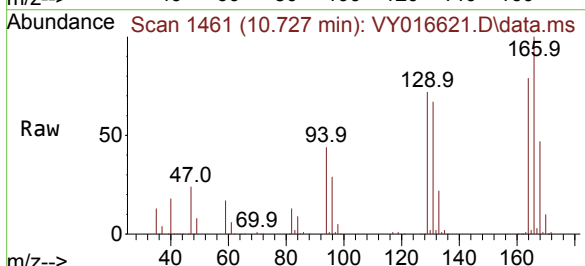
Ion Ratio Lower Upper

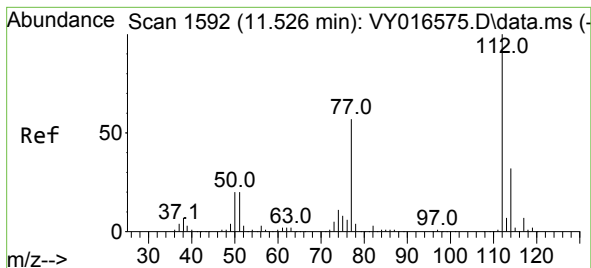
164 100

166 126.5 103.0 154.6

129 91.0 77.2 115.8

131 84.3 69.6 104.4

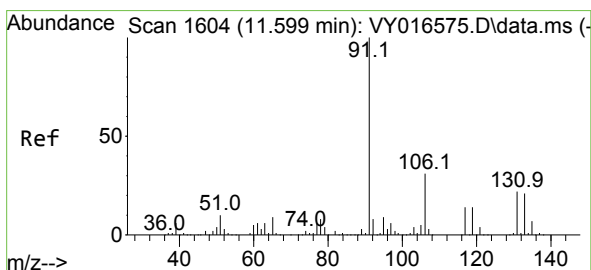
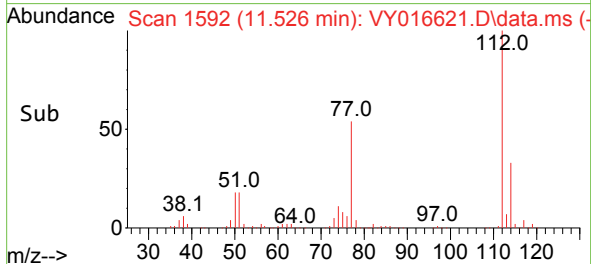
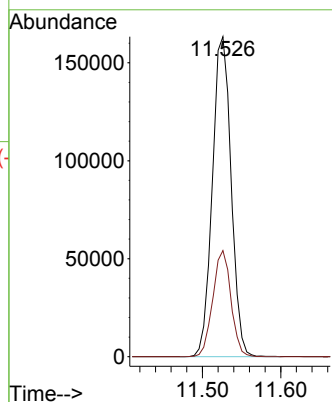
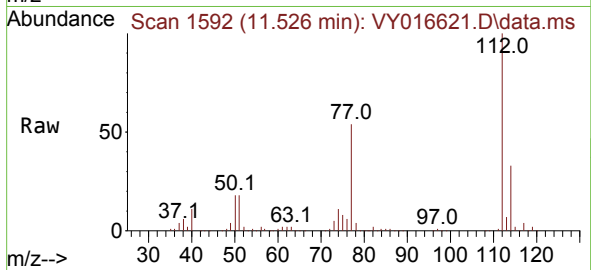




#65
Chlorobenzene
Concen: 53.845 ug/l
RT: 11.526 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

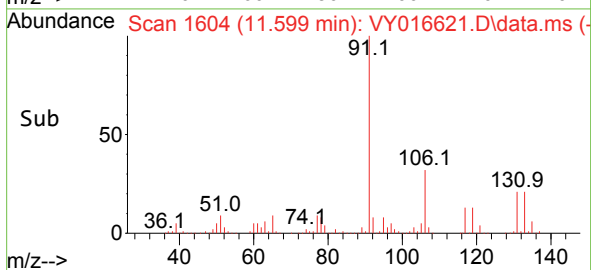
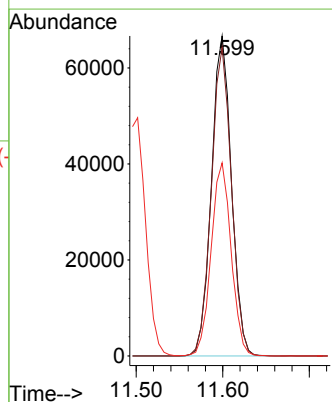
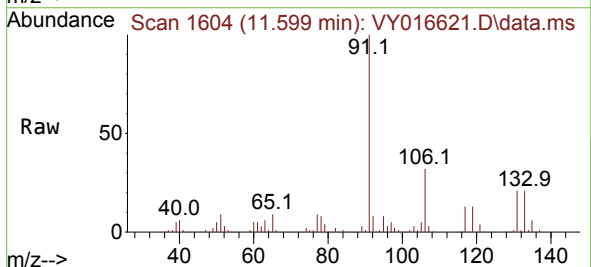
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

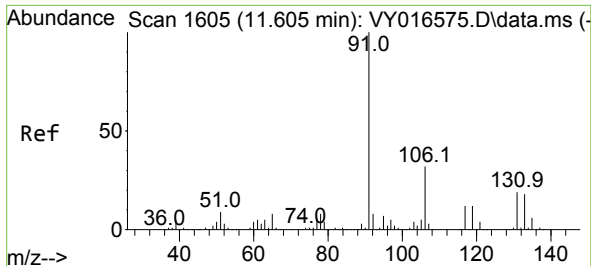
Tgt Ion:112 Resp: 271489
Ion Ratio Lower Upper
112 100
114 33.2 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 54.188 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion:131 Resp: 106786
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 60.5 31.6 94.7





#67

Ethyl Benzene

Concen: 53.352 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

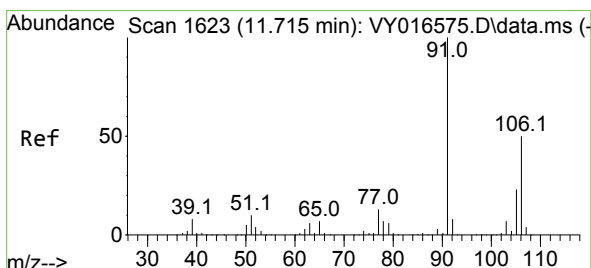
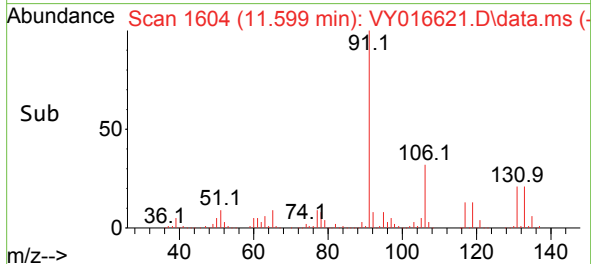
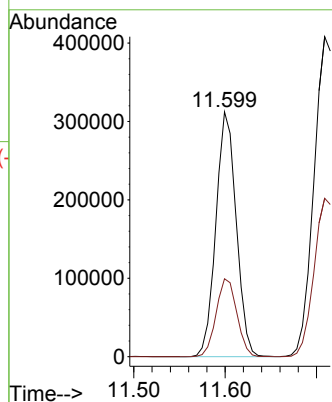
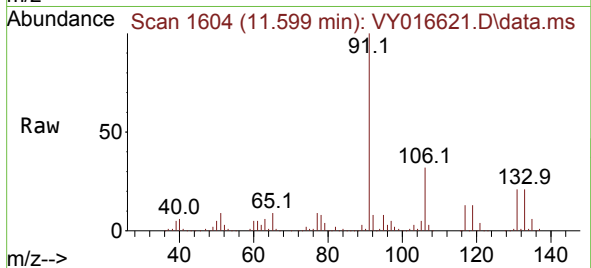
VSTDCCC050EC

Tgt Ion: 91 Resp: 482441

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 109.909 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. -0.006 min

Lab File: VY016621.D

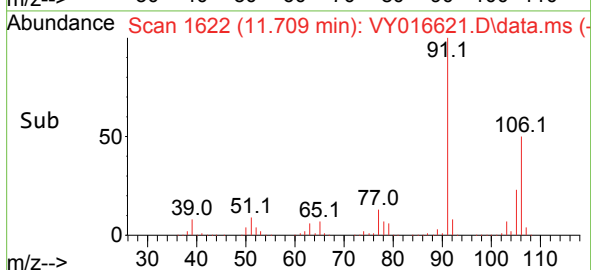
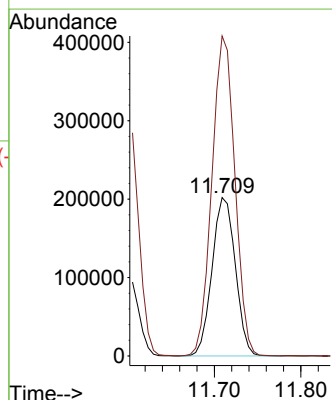
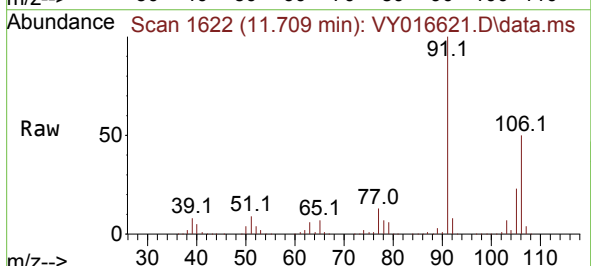
Acq: 06 Dec 2023 17:39

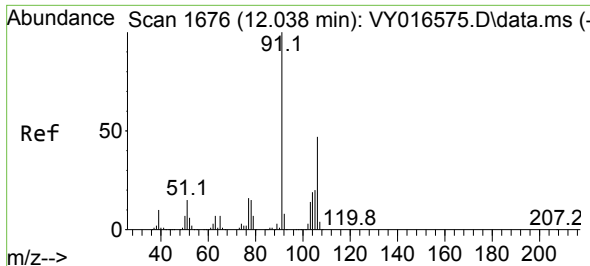
Tgt Ion:106 Resp: 377294

Ion Ratio Lower Upper

106 100

91 199.7 166.1 249.1

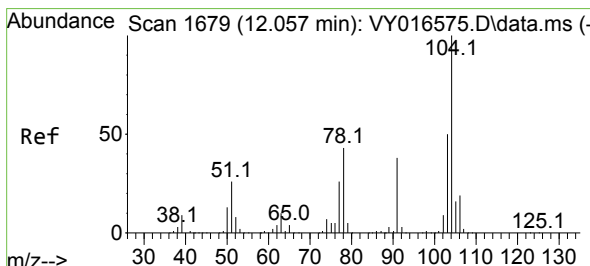
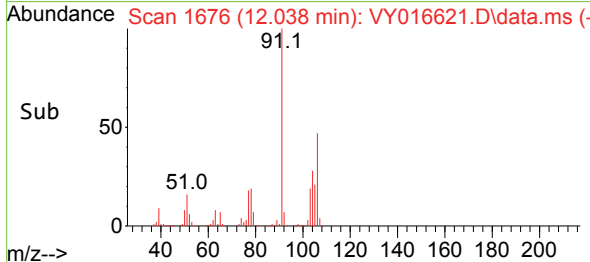
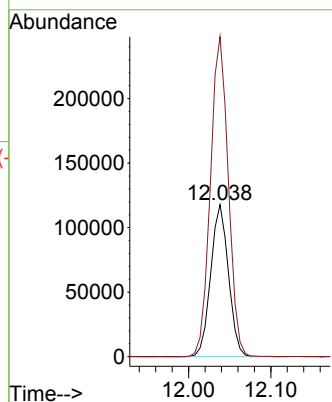
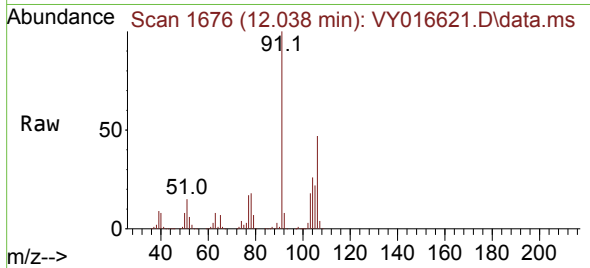




#69
o-Xylene
Concen: 54.952 ug/l
RT: 12.038 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

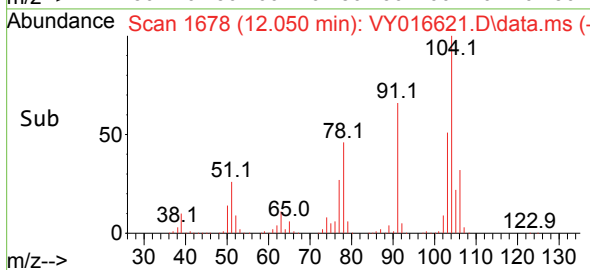
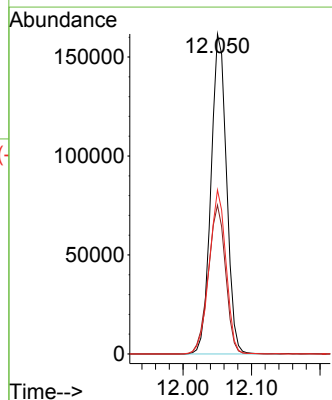
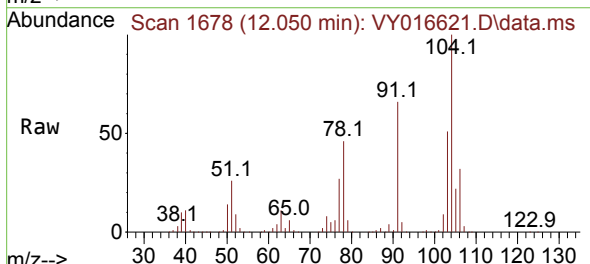
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

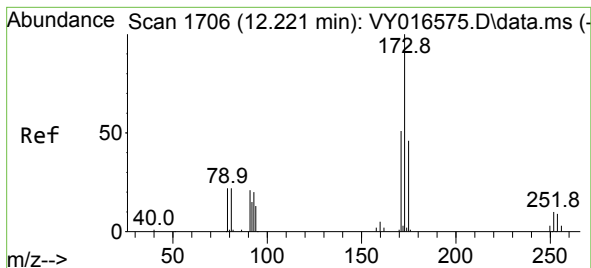
Tgt Ion:106 Resp: 176097
Ion Ratio Lower Upper
106 100
91 212.8 108.1 324.3



#70
Styrene
Concen: 55.601 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion:104 Resp: 255645
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 55.2 44.6 67.0





#71

Bromoform

Concen: 53.426 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

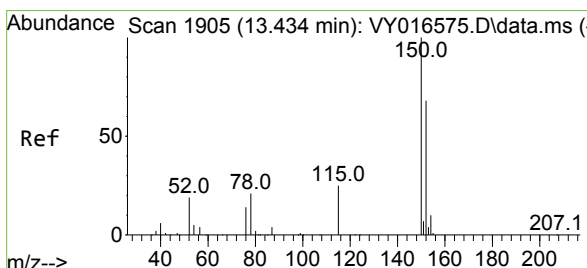
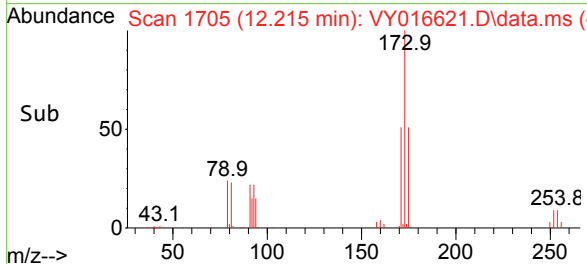
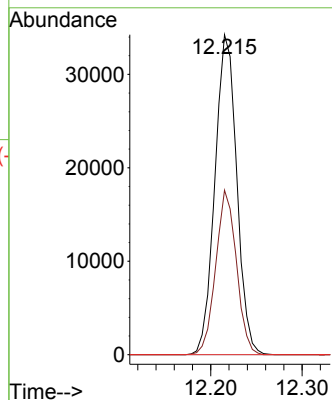
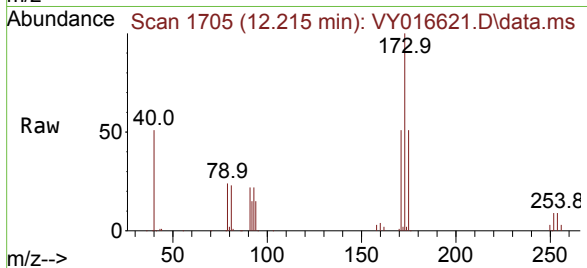
Tgt Ion:173 Resp: 56852

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

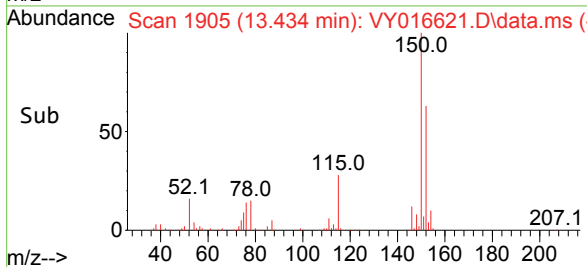
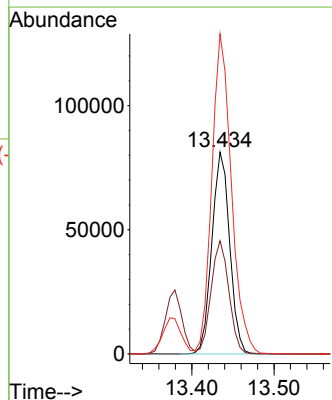
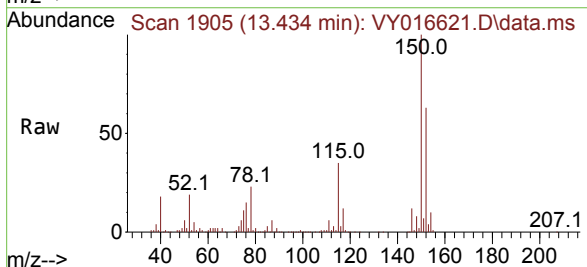
Tgt Ion:152 Resp: 122553

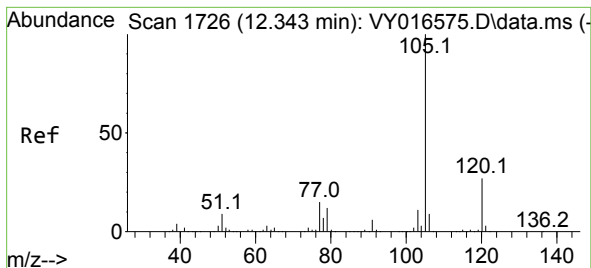
Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 174.1 0.0 348.8





#73

Isopropylbenzene

Concen: 54.562 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

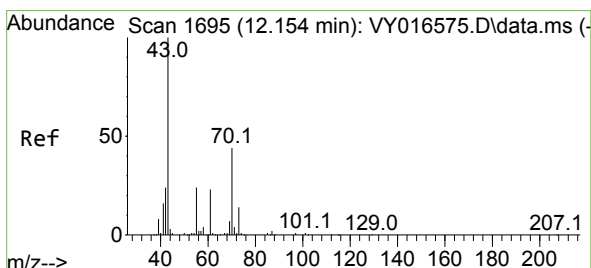
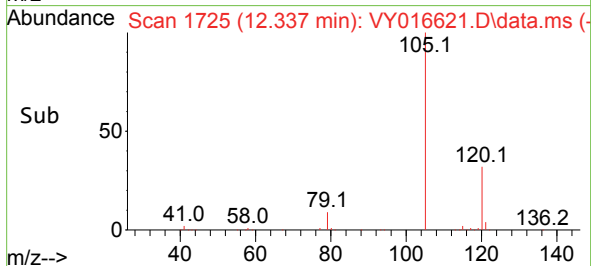
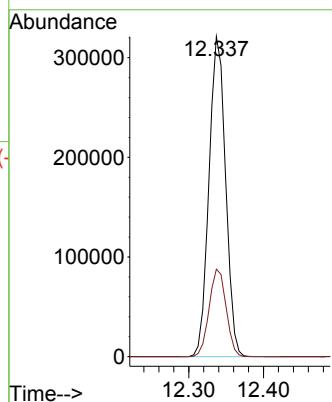
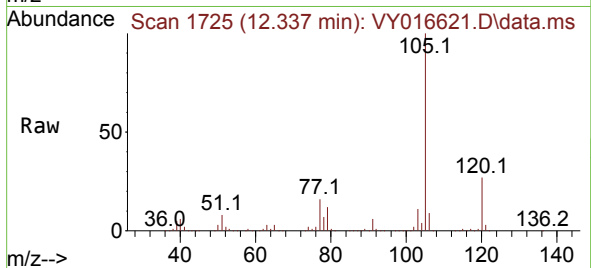
VSTDCCC050EC

Tgt Ion:105 Resp: 495133

Ion Ratio Lower Upper

105 100

120 28.0 13.3 39.9



#74

N-ethyl acetate

Concen: 40.291 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Tgt Ion: 43 Resp: 72906

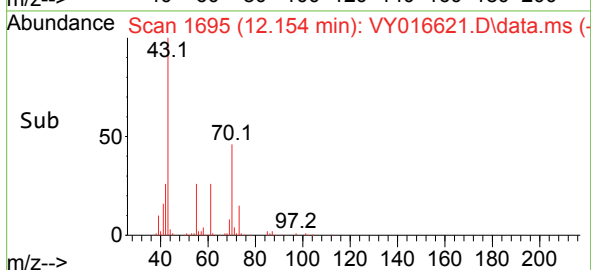
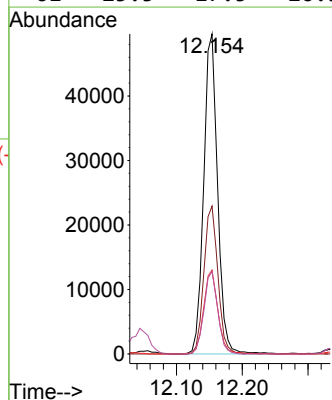
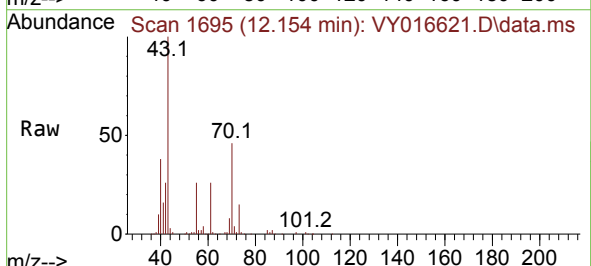
Ion Ratio Lower Upper

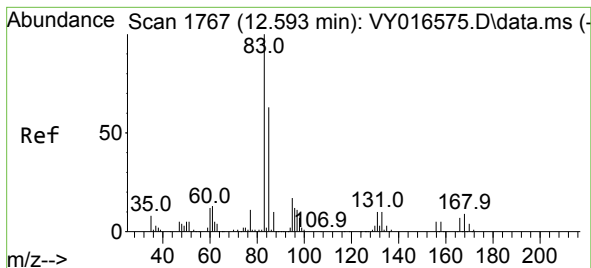
43 100

70 46.5 29.7 44.5

55 26.9 18.3 27.5

61 25.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 42.416 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

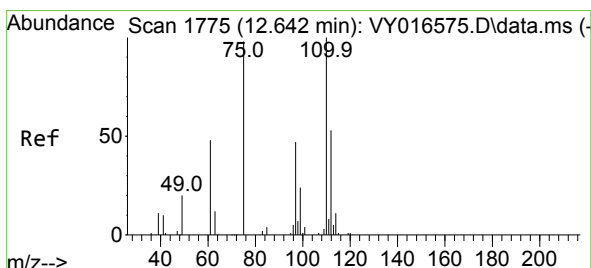
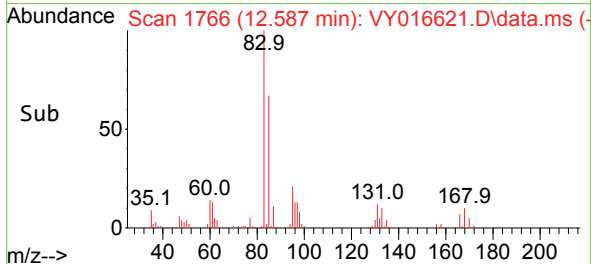
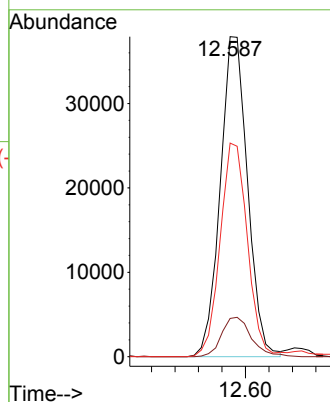
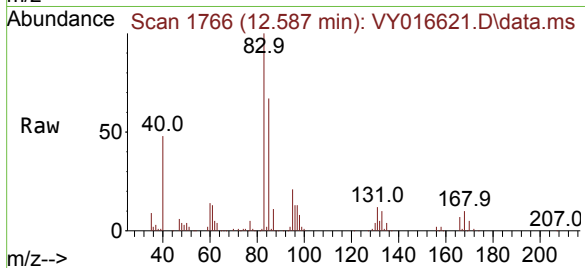
Tgt Ion: 83 Resp: 61221

Ion Ratio Lower Upper

83 100

131 13.4 5.4 16.2

85 66.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 82.309 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016621.D

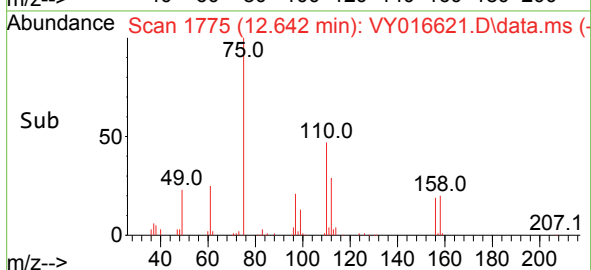
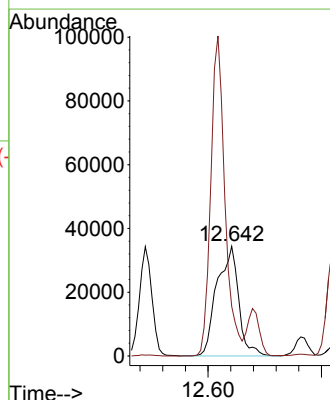
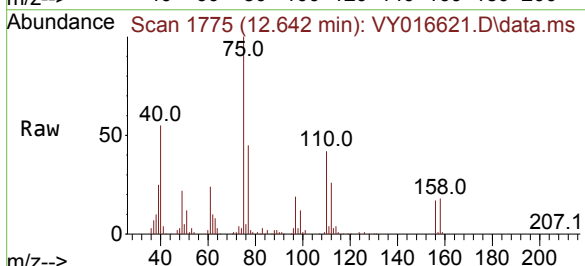
Acq: 06 Dec 2023 17:39

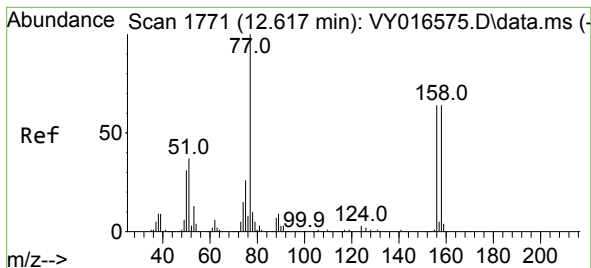
Tgt Ion: 75 Resp: 91121

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.208 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

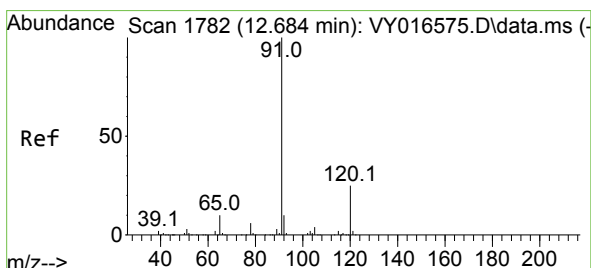
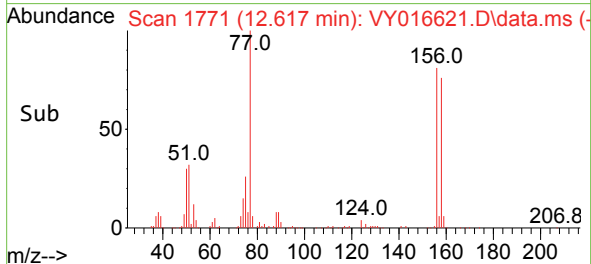
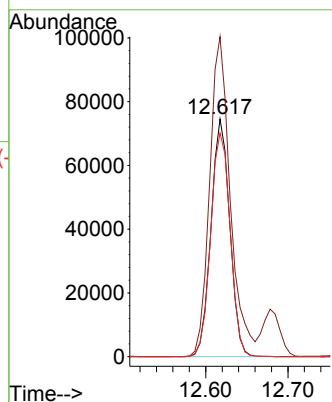
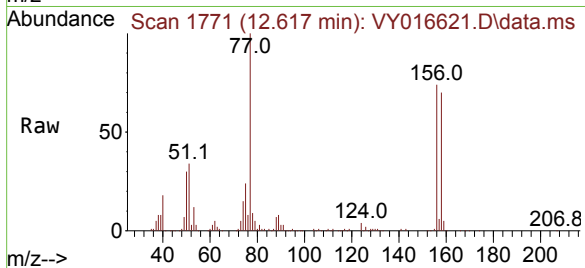
Tgt Ion:156 Resp: 118074

Ion Ratio Lower Upper

156 100

77 148.2 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 52.772 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY016621.D

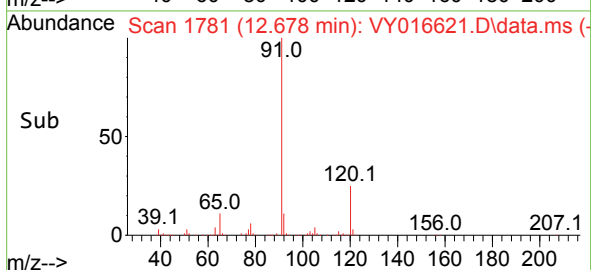
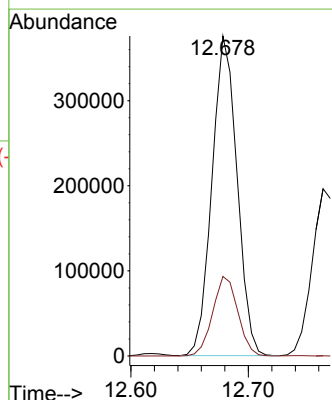
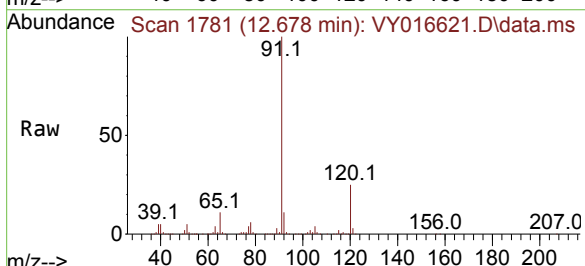
Acq: 06 Dec 2023 17:39

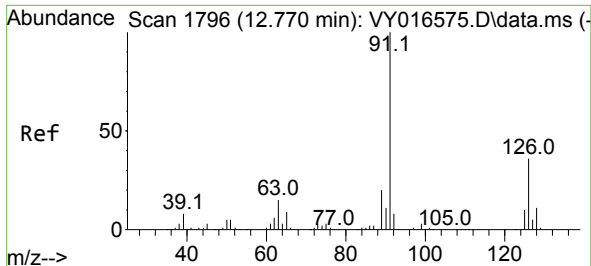
Tgt Ion: 91 Resp: 557397

Ion Ratio Lower Upper

91 100

120 25.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 52.115 ug/l

RT: 12.764 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

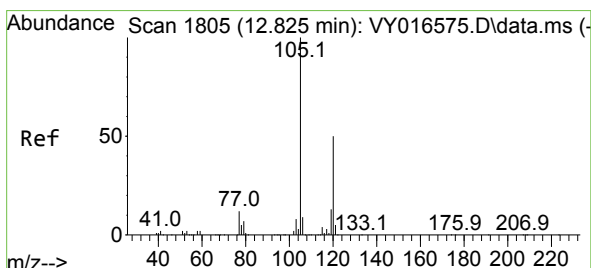
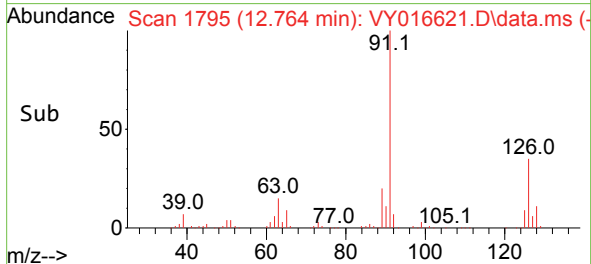
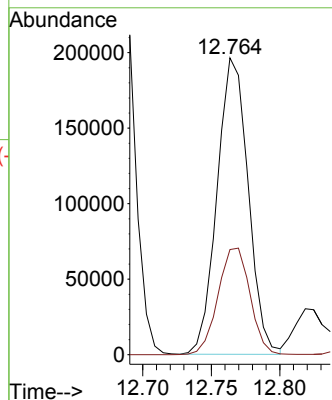
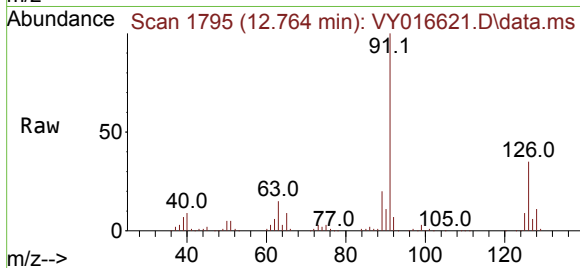
VSTDCCC050EC

Tgt Ion: 91 Resp: 310185

Ion Ratio Lower Upper

91 100

126 37.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 54.936 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. -0.006 min

Lab File: VY016621.D

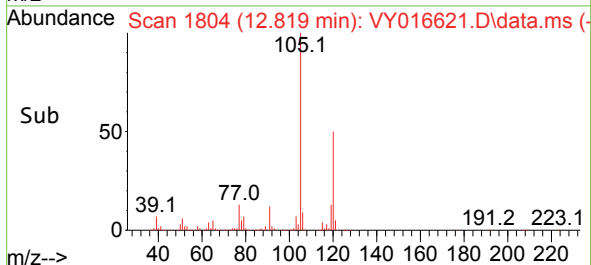
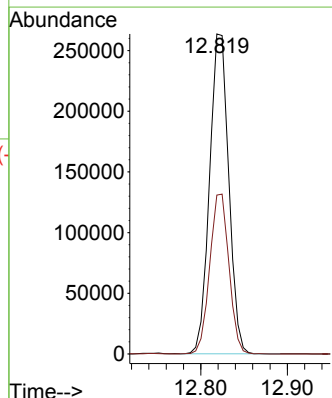
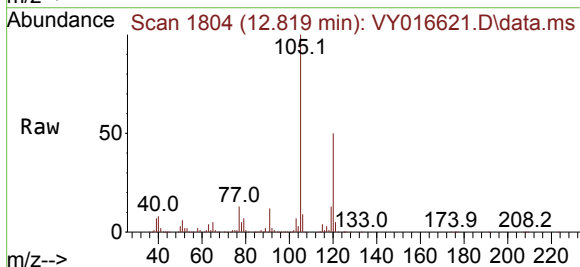
Acq: 06 Dec 2023 17:39

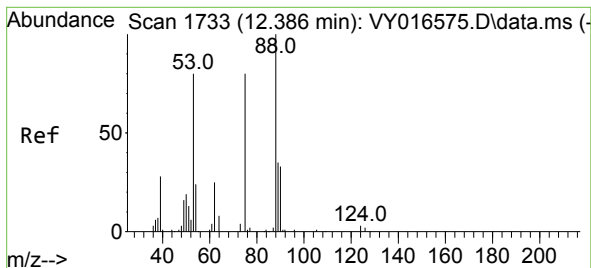
Tgt Ion:105 Resp: 405083

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7

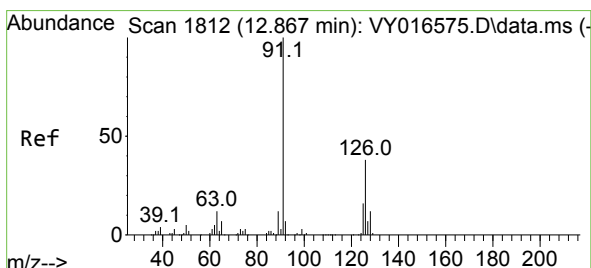
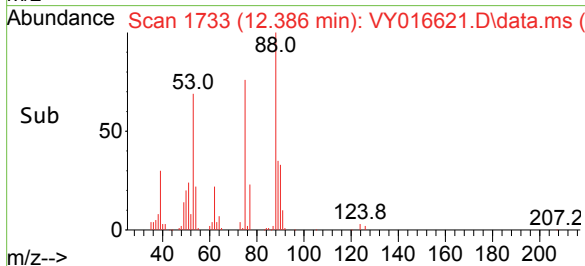
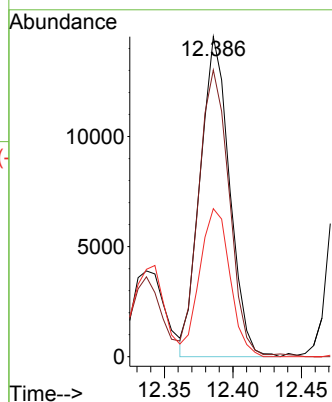
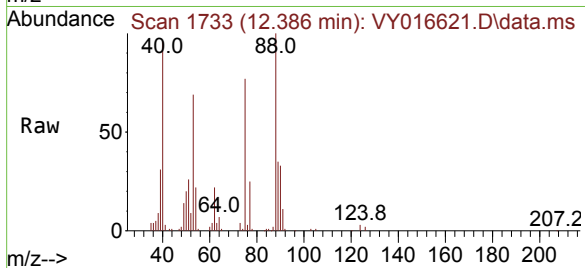




#81
trans-1,4-Dichloro-2-butene
Concen: 44.185 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

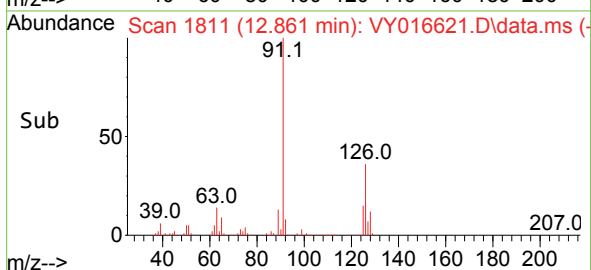
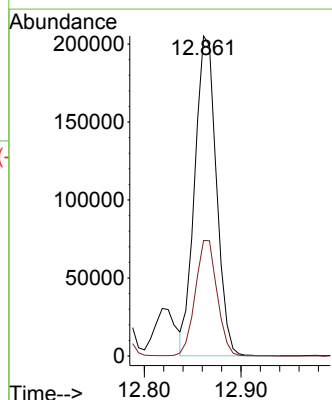
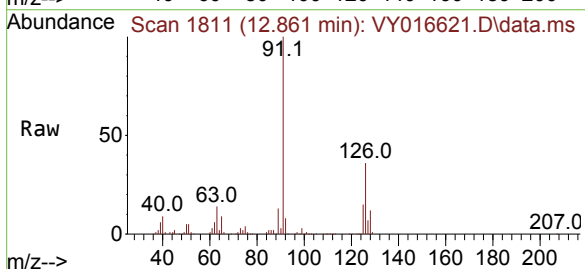
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

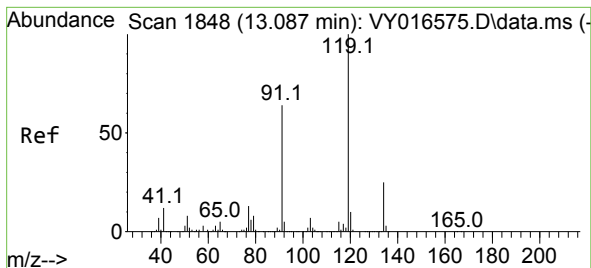
Tgt Ion: 75 Resp: 21684
Ion Ratio Lower Upper
75 100
53 91.3 77.8 116.8
89 47.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 51.732 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion: 91 Resp: 318606
Ion Ratio Lower Upper
91 100
126 36.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 56.789 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

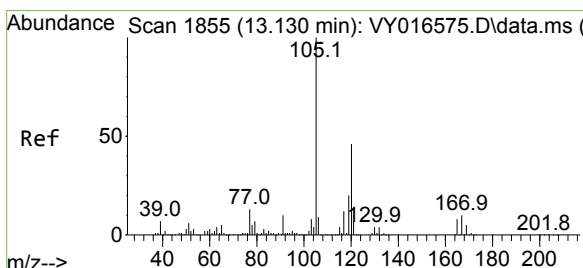
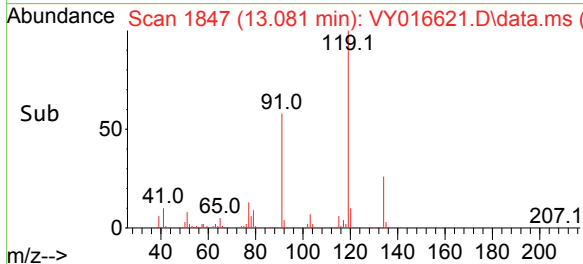
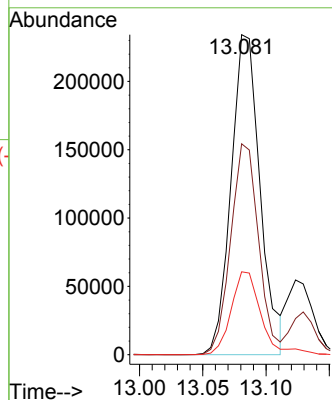
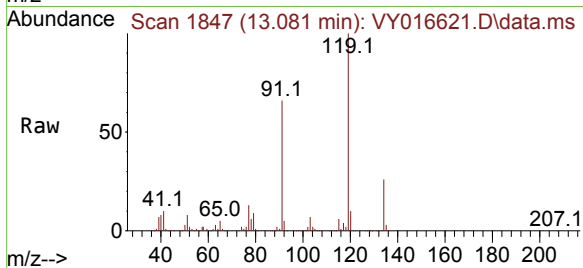
Tgt Ion:119 Resp: 374141

Ion Ratio Lower Upper

119 100

91 63.5 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 55.286 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016621.D

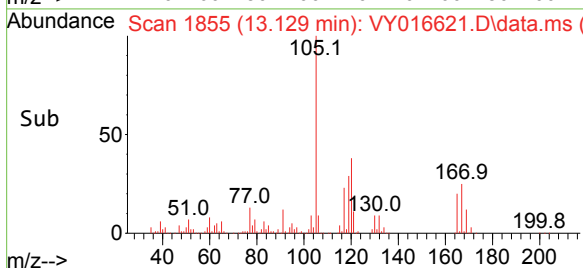
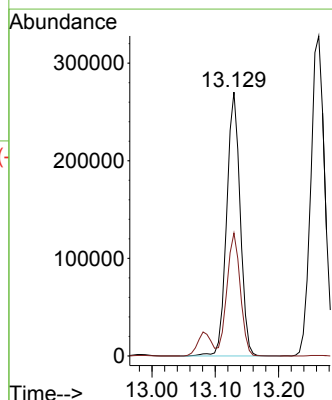
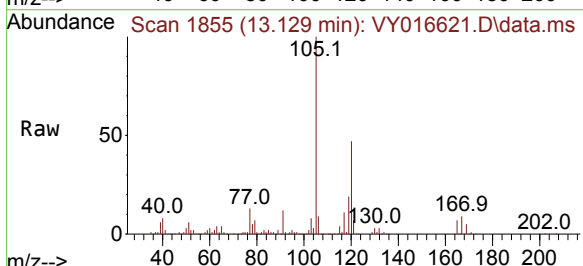
Acq: 06 Dec 2023 17:39

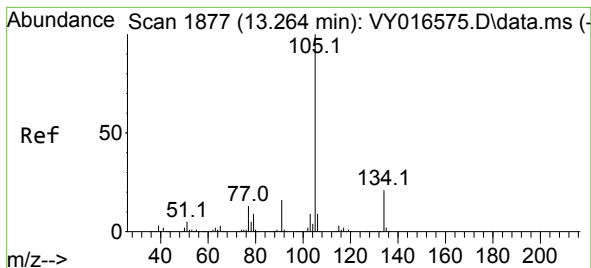
Tgt Ion:105 Resp: 398194

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 54.038 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

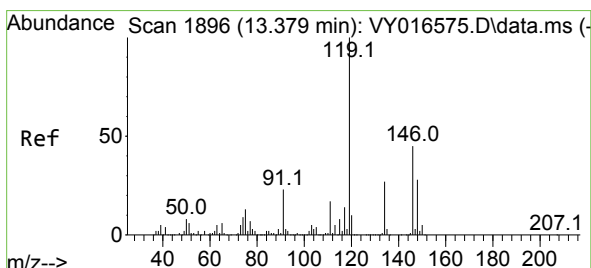
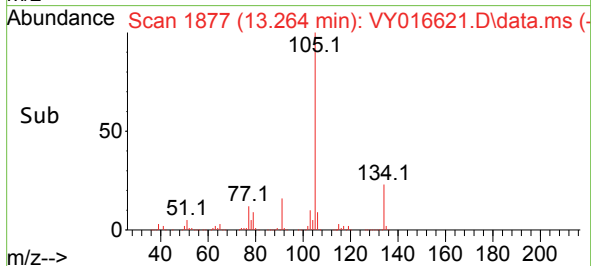
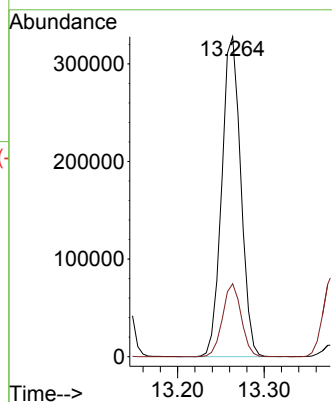
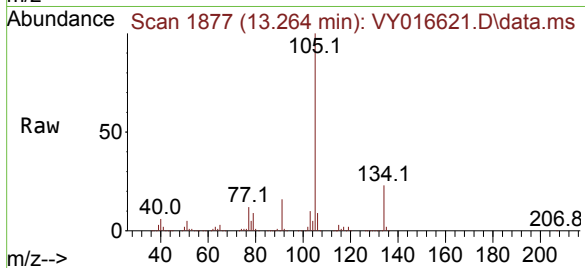
VSTDCCC050EC

Tgt Ion:105 Resp: 500023

Ion Ratio Lower Upper

105 100

134 22.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.760 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

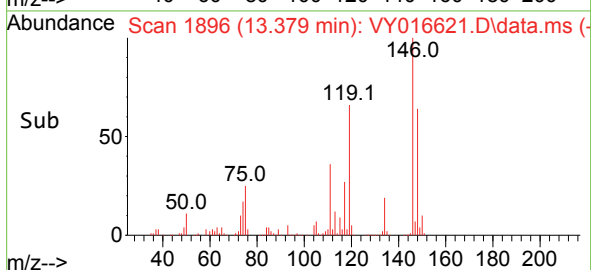
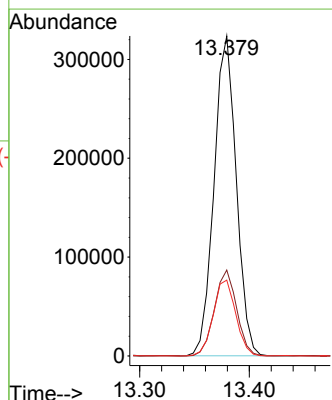
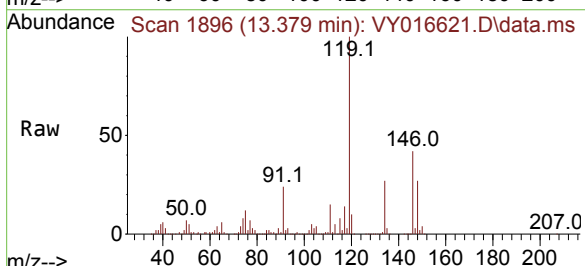
Tgt Ion:119 Resp: 455910

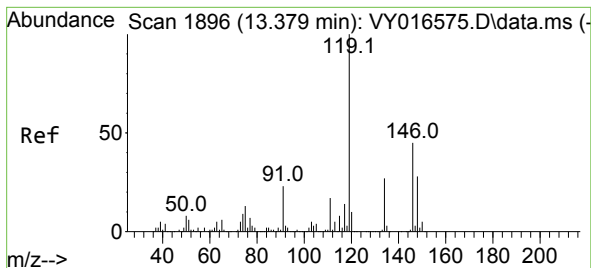
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 24.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 54.700 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. -0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

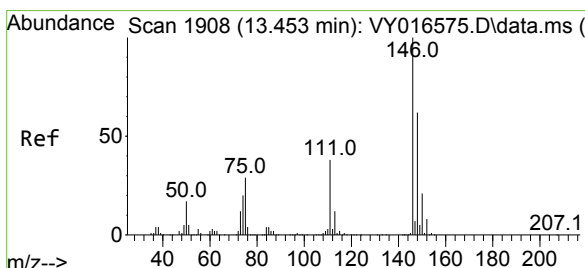
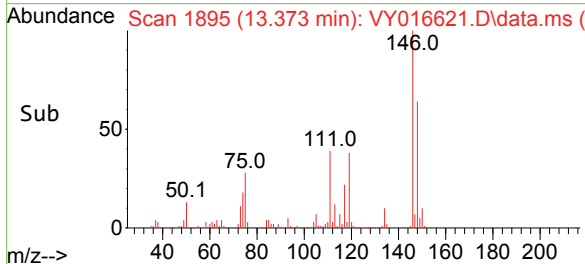
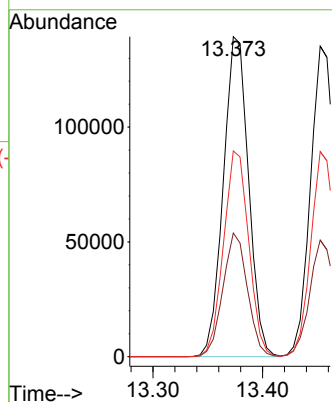
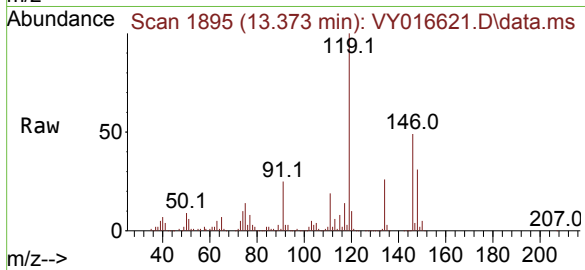
Tgt Ion:146 Resp: 223322

Ion Ratio Lower Upper

146 100

111 37.5 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.760 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

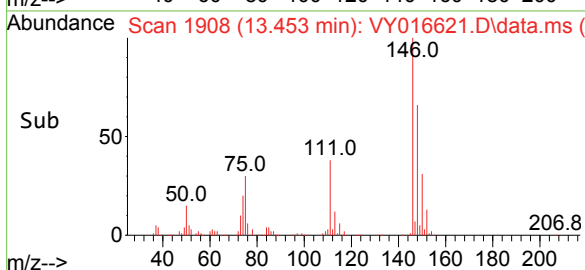
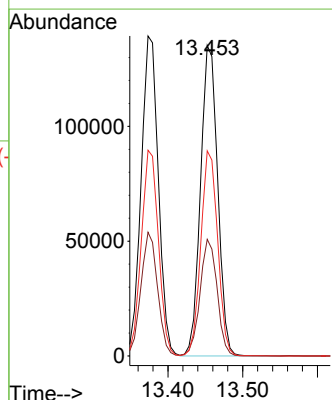
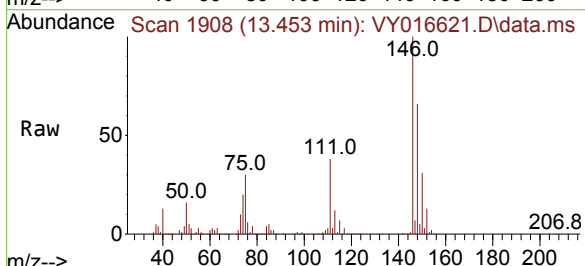
Tgt Ion:146 Resp: 215405

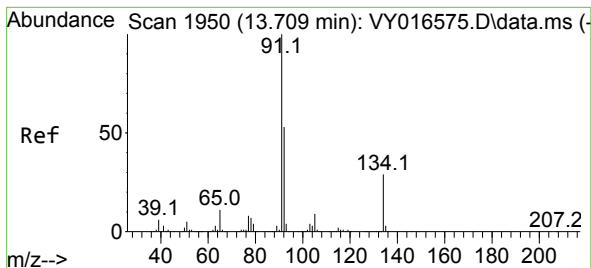
Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.7

148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 54.357 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

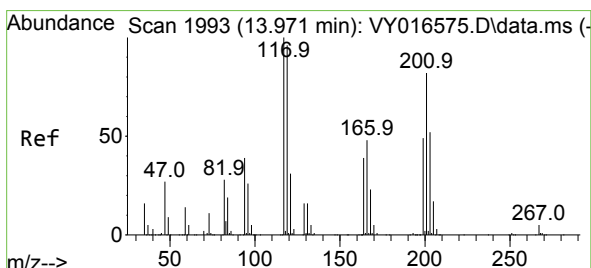
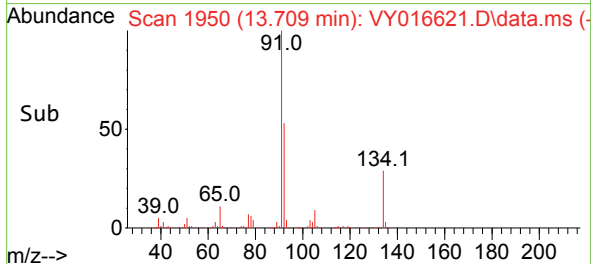
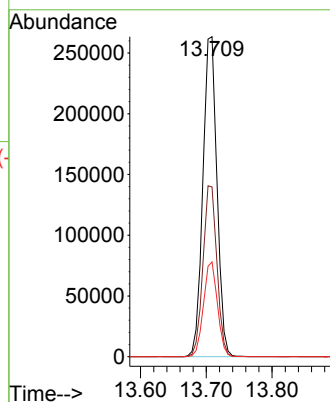
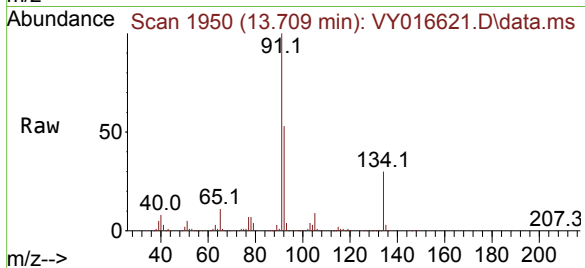
Tgt Ion: 91 Resp: 392646

Ion Ratio Lower Upper

91 100

92 52.8 25.4 76.0

134 29.3 12.6 37.6



#90

Hexachloroethane

Concen: 53.722 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016621.D

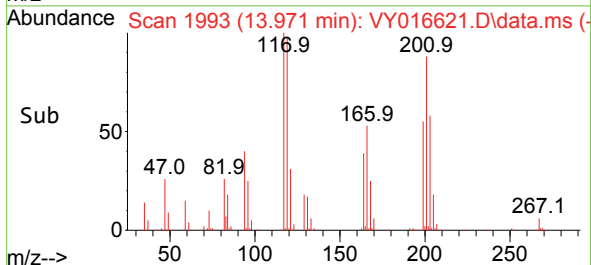
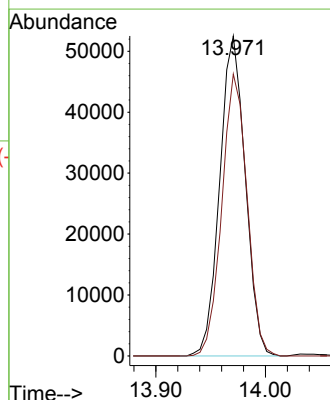
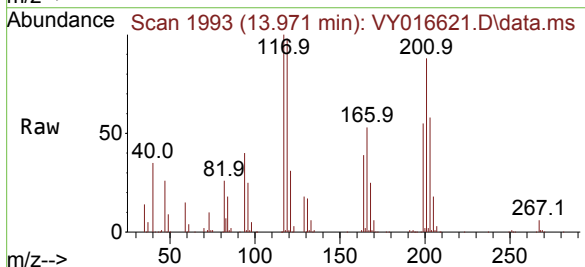
Acq: 06 Dec 2023 17:39

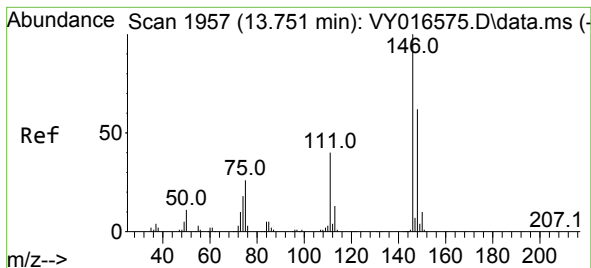
Tgt Ion: 117 Resp: 84904

Ion Ratio Lower Upper

117 100

201 86.8 41.6 124.8

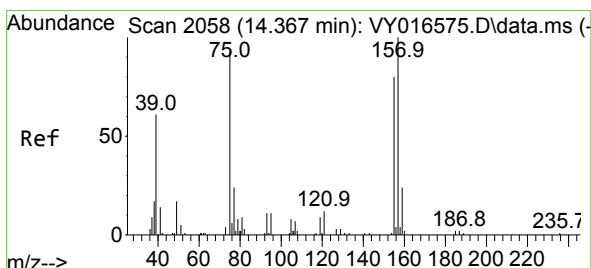
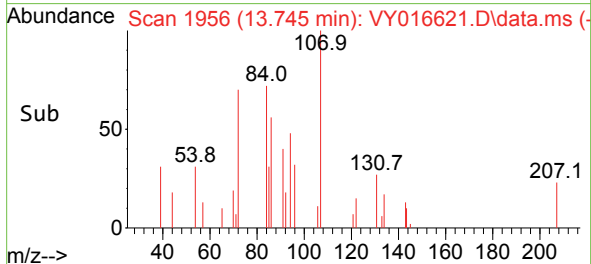
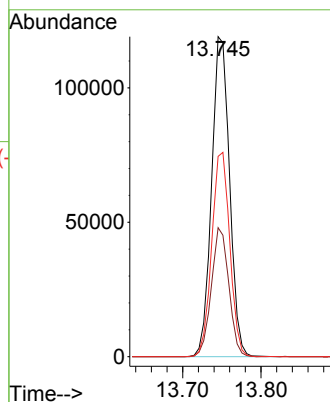
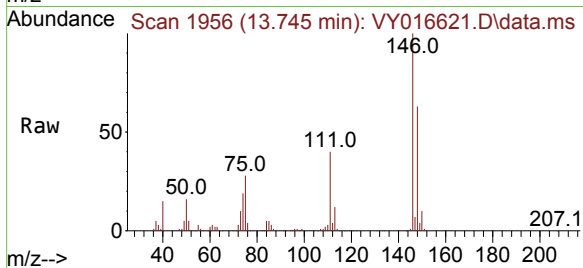




#91
1,2-Dichlorobenzene
Concen: 53.948 ug/l
RT: 13.745 min Scan# 1957
Delta R.T. -0.006 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

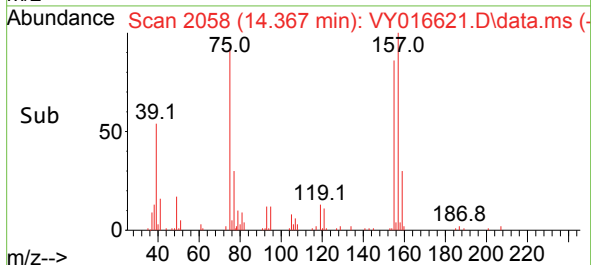
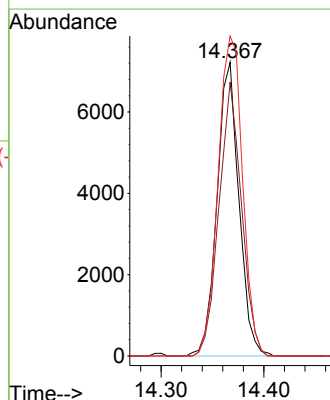
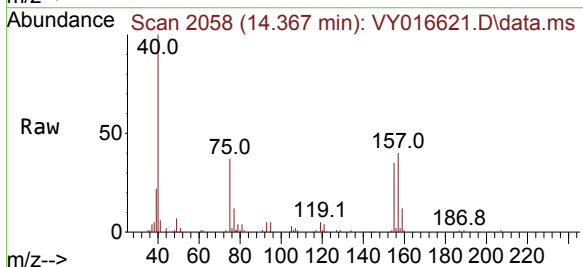
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

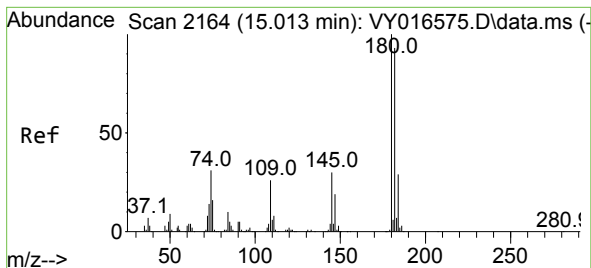
Tgt Ion:	146	Resp:	189099
Ion Ratio	Lower	Upper	
146	100		
111	39.3	19.7	59.0
148	64.3	32.0	96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.182 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016621.D
Acq: 06 Dec 2023 17:39

Tgt Ion:	75	Resp:	10667
Ion Ratio	Lower	Upper	
75	100		
155	95.9	41.5	124.6
157	121.9	51.8	155.5





#93

1,2,4-Trichlorobenzene

Concen: 59.153 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

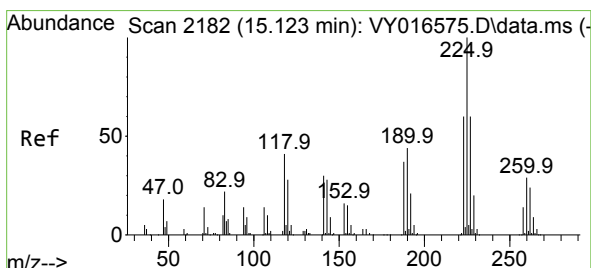
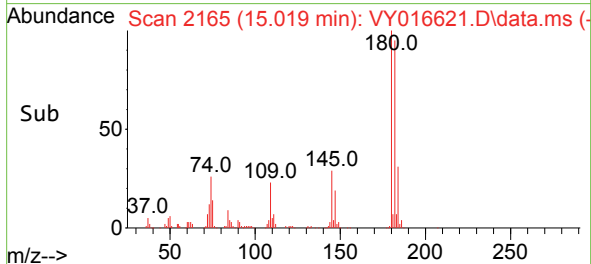
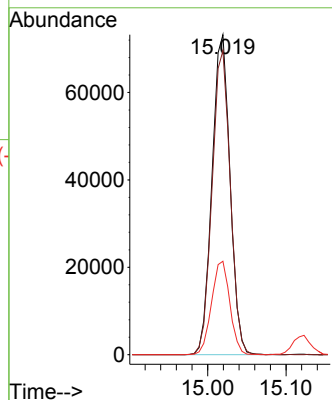
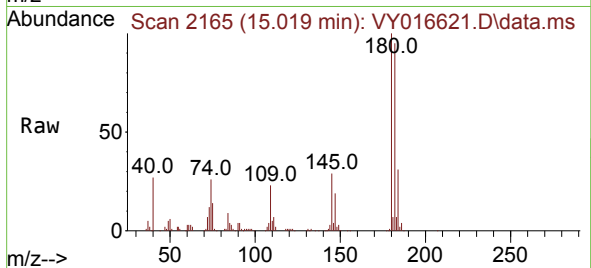
Tgt Ion:180 Resp: 117001

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 60.780 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

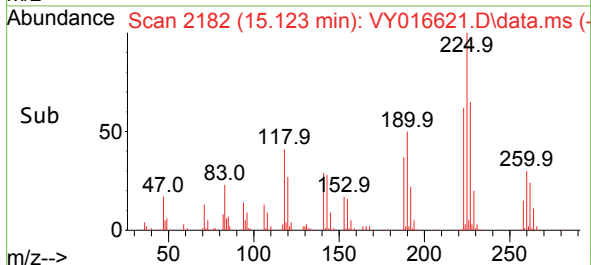
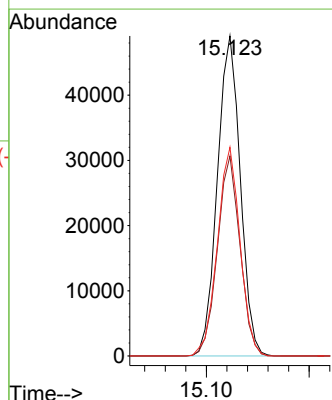
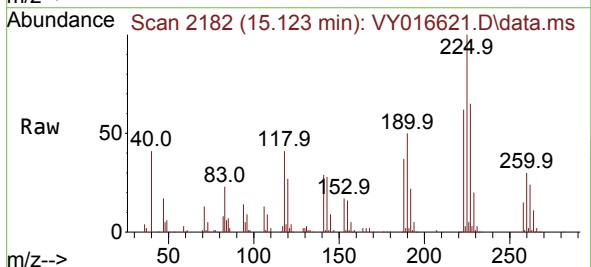
Tgt Ion:225 Resp: 75955

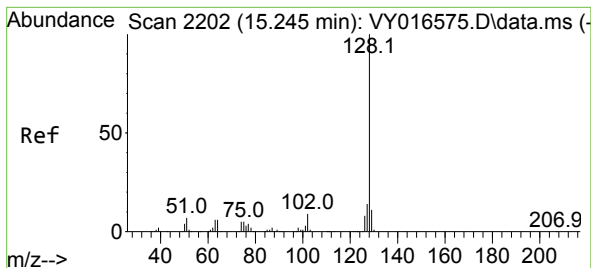
Ion Ratio Lower Upper

225 100

223 61.5 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 55.885 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

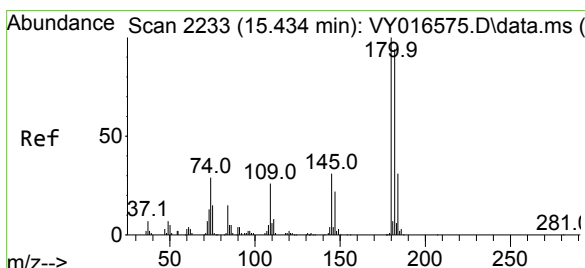
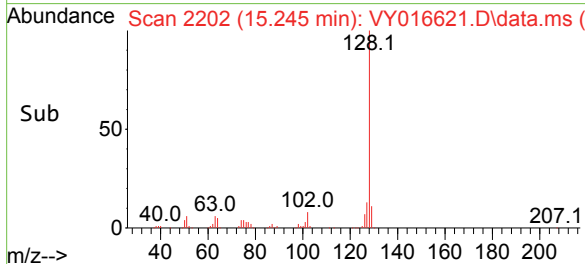
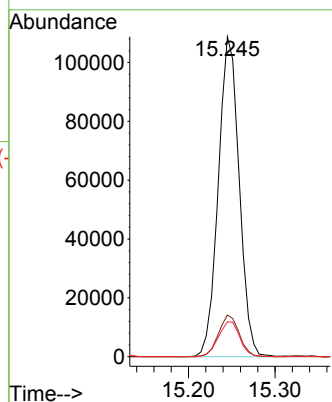
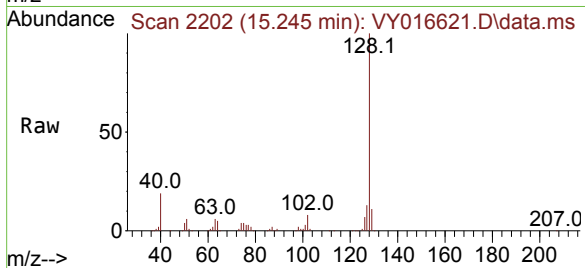
Tgt Ion:128 Resp: 181824

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 59.743 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016621.D

Acq: 06 Dec 2023 17:39

Tgt Ion:180 Resp: 94545

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.8

145 32.0 15.4 46.2

