

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016589.D
 Acq On : 05 Dec 2023 10:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 02:20:28 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	7.813	168	230867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	334318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	283455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.446	152	131666	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	101413	47.526	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.740	113	104022	51.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.400%
50) Toluene-d8	10.197	98	401813	52.799	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.600%
62) 4-Bromofluorobenzene	12.501	95	130090	51.981	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	103.960%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	100194	49.131	ug/l	98
3) Chloromethane	2.125	50	94752	44.788	ug/l	98
4) Vinyl Chloride	2.265	62	99296	46.477	ug/l	96
5) Bromomethane	2.668	94	64019	47.837	ug/l	95
6) Chloroethane	2.814	64	62804	47.591	ug/l	96
7) Trichlorofluoromethane	3.143	101	210469	52.112	ug/l	98
8) Diethyl Ether	3.546	74	52305	46.500	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.924	101	115685	51.220	ug/l	97
10) Methyl Iodide	4.119	142	132654	55.589	ug/l	100
11) Tert butyl alcohol	4.978	59	31399	215.969	ug/l #	95
12) 1,1-Dichloroethene	3.899	96	105727	51.531	ug/l	89
13) Acrolein	3.747	56	46996	222.345	ug/l	98
14) Allyl chloride	4.503	41	153339	48.972	ug/l	95
15) Acrylonitrile	5.186	53	99520	219.207	ug/l	98
16) Acetone	3.966	43	97869	202.684	ug/l	98
17) Carbon Disulfide	4.222	76	289122	50.262	ug/l	97
18) Methyl Acetate	4.503	43	87532	45.732	ug/l	92
19) Methyl tert-butyl Ether	5.247	73	244038	48.386	ug/l	99
20) Methylene Chloride	4.747	84	102644	48.090	ug/l	90
21) trans-1,2-Dichloroethene	5.247	96	118775	51.480	ug/l	95
22) Diisopropyl ether	6.149	45	303086	47.066	ug/l	89
23) Vinyl Acetate	6.088	43	703535	227.579	ug/l #	94
24) 1,1-Dichloroethane	6.045	63	192625	48.689	ug/l	95
25) 2-Butanone	7.008	43	132943	200.223	ug/l	94
26) 2,2-Dichloropropane	7.008	77	194990	52.427	ug/l	98
27) cis-1,2-Dichloroethene	7.015	96	128297	50.517	ug/l	92
28) Bromochloromethane	7.362	49	71407	44.560	ug/l #	79
29) Tetrahydrofuran	7.368	42	80775	213.377	ug/l	91
30) Chloroform	7.533	83	209327	49.637	ug/l	97
31) Cyclohexane	7.807	56	169966	46.659	ug/l	92
32) 1,1,1-Trichloroethane	7.728	97	208736	52.301	ug/l	98
36) 1,1-Dichloropropene	7.941	75	161314	52.745	ug/l	98
37) Ethyl Acetate	7.100	43	55497	43.366	ug/l #	93
38) Carbon Tetrachloride	7.923	117	195784	55.297	ug/l	98
39) Methylcyclohexane	9.203	83	199060	54.022	ug/l	91
40) Benzene	8.185	78	443299	51.424	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	26493	35.844	ug/l	89
42) 1,2-Dichloroethane	8.258	62	125839	50.274	ug/l	96
43) Isopropyl Acetate	8.295	43	114756	46.483	ug/l #	91
44) Trichloroethene	8.959	130	137382	52.846	ug/l	98
45) 1,2-Dichloropropane	9.234	63	101464	48.889	ug/l	99
46) Dibromomethane	9.325	93	56216	49.410	ug/l	96
47) Bromodichloromethane	9.520	83	154298	50.941	ug/l	99
48) Methyl methacrylate	9.313	41	66352	46.538	ug/l	92
49) 1,4-Dioxane	9.325	88	10597	920.198	ug/l #	60
51) 4-Methyl-2-Pentanone	10.087	43	287259	223.900	ug/l	93
52) Toluene	10.264	92	287296	53.175	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	145962	51.060	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	172954	51.516	ug/l	94
55) 1,1,2-Trichloroethane	10.666	97	79305	50.039	ug/l	92
56) Ethyl methacrylate	10.526	69	72199	49.699	ug/l	89
57) 1,3-Dichloropropane	10.807	76	130342	48.684	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	229314	256.141	ug/l	91
59) 2-Hexanone	10.849	43	208001	214.311	ug/l	92
60) Dibromochloromethane	11.002	129	107975	50.990	ug/l	100
61) 1,2-Dibromoethane	11.105	107	74933	50.268	ug/l	100
64) Tetrachloroethene	10.739	164	139530	53.711	ug/l	96
65) Chlorobenzene	11.532	112	305094	53.141	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	119561	53.282	ug/l	99
67) Ethyl Benzene	11.611	91	551838	53.595	ug/l	98
68) m/p-Xylenes	11.721	106	423798	108.423	ug/l	95
69) o-Xylene	12.050	106	199159	54.580	ug/l	96
70) Styrene	12.062	104	285158	54.467	ug/l	99
71) Bromoform	12.227	173	61457	50.721	ug/l #	99
73) Isopropylbenzene	12.349	105	554369	56.861	ug/l	99
74) N-amyl acetate	12.160	43	92166	47.409	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.599	83	76410	49.275	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	105225	88.471	ug/l #	100
77) Bromobenzene	12.629	156	126952	55.250	ug/l	87
78) n-propylbenzene	12.690	91	631687	55.666	ug/l	97
79) 2-Chlorotoluene	12.776	91	346236	54.146	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	441998	55.793	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.398	75	25602	48.558	ug/l	98
82) 4-Chlorotoluene	12.873	91	352566	53.284	ug/l	97
83) tert-Butylbenzene	13.093	119	402404	56.852	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	433432	56.013	ug/l	97
85) sec-Butylbenzene	13.270	105	556326	55.962	ug/l	97
86) p-Isopropyltoluene	13.385	119	491585	56.966	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	236727	53.970	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	230972	53.656	ug/l	99
89) n-Butylbenzene	13.715	91	432775	55.766	ug/l	95
90) Hexachloroethane	13.977	117	91747	54.034	ug/l	99
91) 1,2-Dichlorobenzene	13.757	146	198767	52.781	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	12439	50.127	ug/l	94
93) 1,2,4-Trichlorobenzene	15.025	180	114846	54.044	ug/l	98
94) Hexachlorobutadiene	15.129	225	74576	55.546	ug/l	99
95) Naphthalene	15.257	128	185472	53.520	ug/l	98
96) 1,2,3-Trichlorobenzene	15.440	180	90883	54.264	ug/l	98

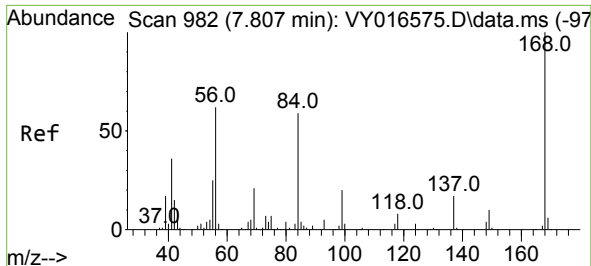
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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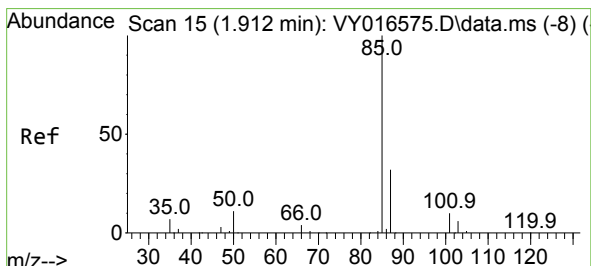
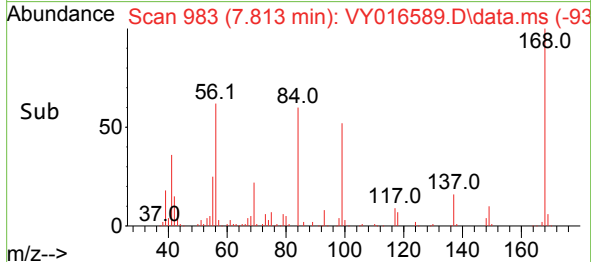
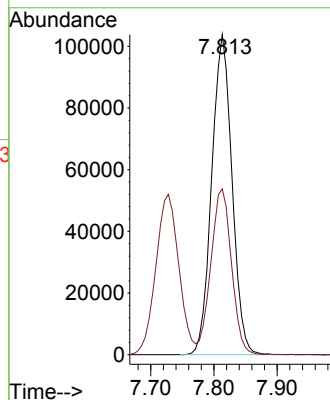
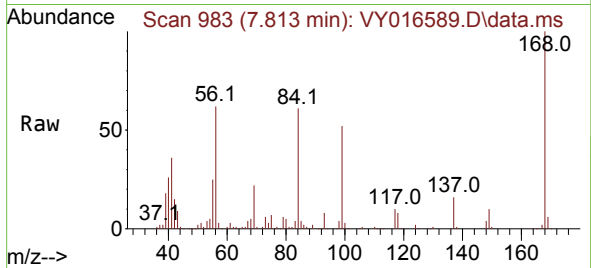
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

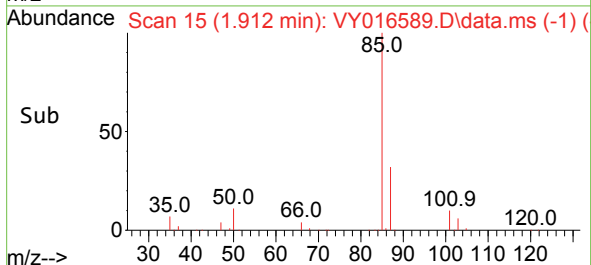
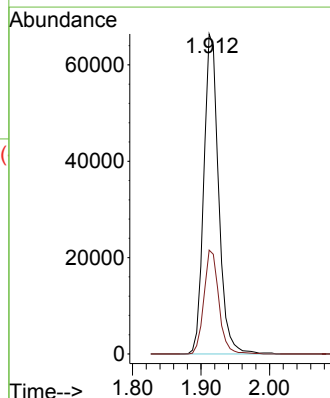
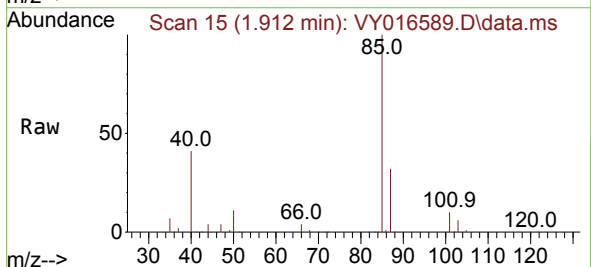
Instrument :
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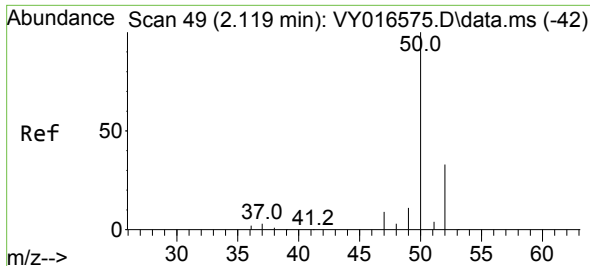
Tgt Ion:168 Resp: 230867
Ion Ratio Lower Upper
168 100
99 51.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 49.131 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 85 Resp: 100194
Ion Ratio Lower Upper
85 100
87 32.4 15.6 46.8

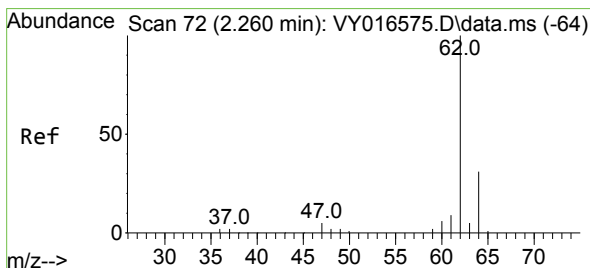
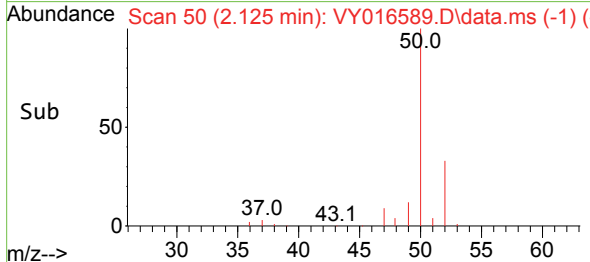
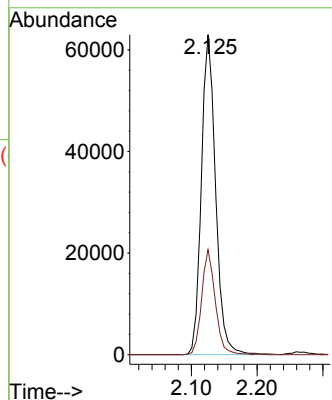
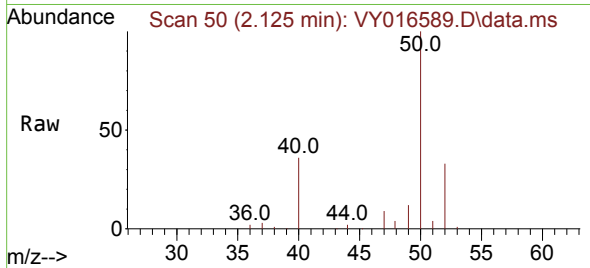




#3
Chloromethane
Concen: 44.788 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

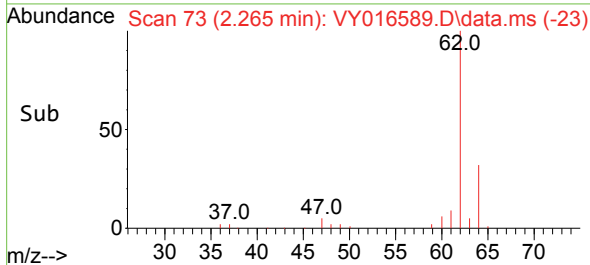
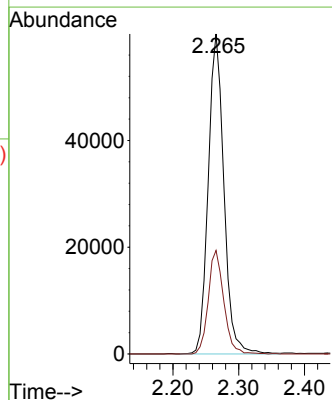
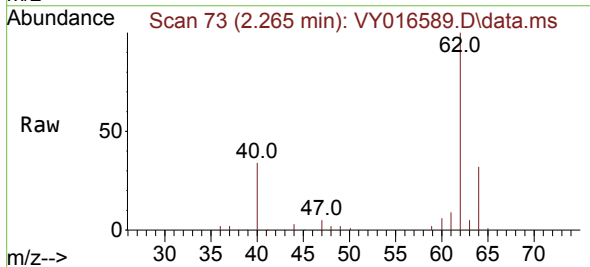
Instrument :
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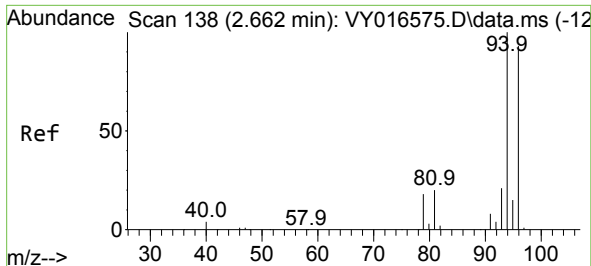
Tgt Ion: 50 Resp: 94752
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 46.477 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 62 Resp: 99296
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5





#5

Bromomethane

Concen: 47.837 ug/l

RT: 2.668 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

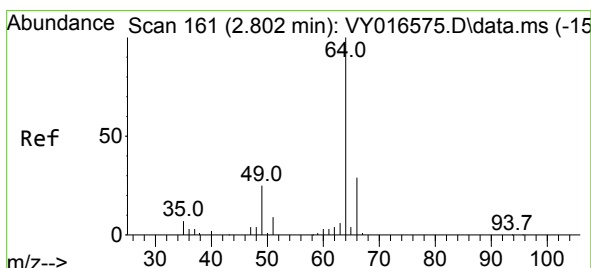
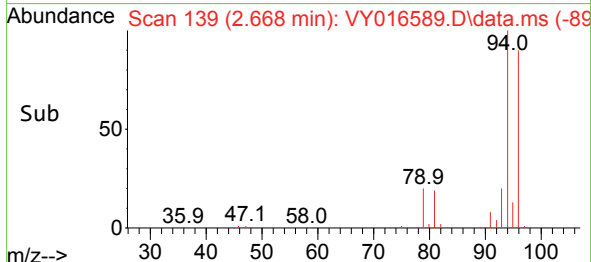
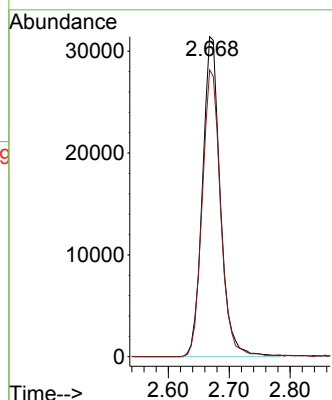
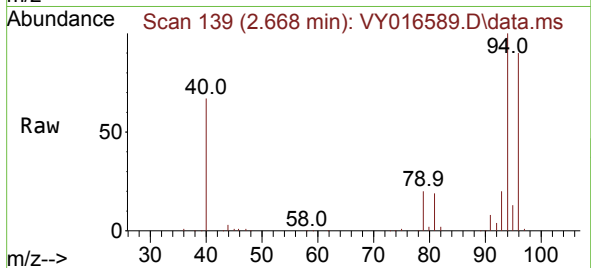
VSTDCCC050

Tgt Ion: 94 Resp: 64019

Ion Ratio Lower Upper

94 100

96 89.6 75.8 113.6



#6

Chloroethane

Concen: 47.591 ug/l

RT: 2.814 min Scan# 163

Delta R.T. 0.012 min

Lab File: VY016589.D

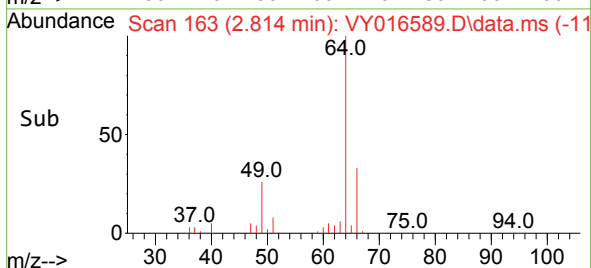
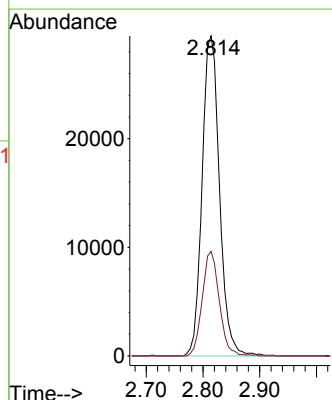
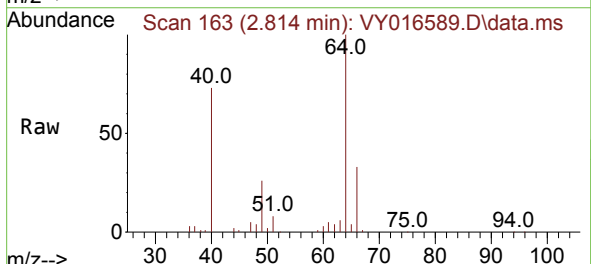
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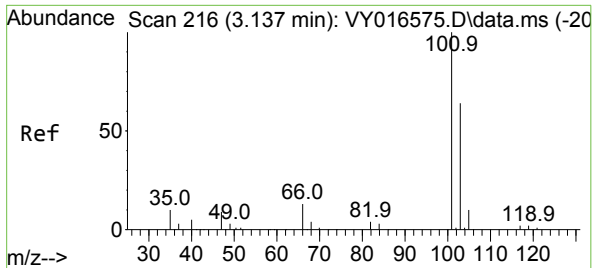
Tgt Ion: 64 Resp: 62804

Ion Ratio Lower Upper

64 100

66 32.7 24.4 36.6

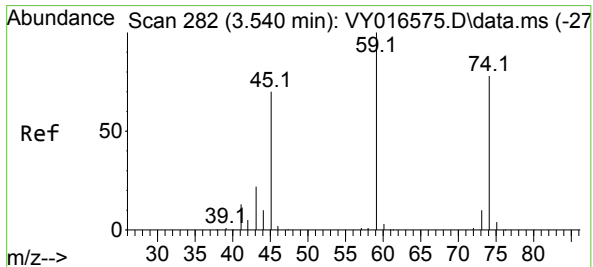
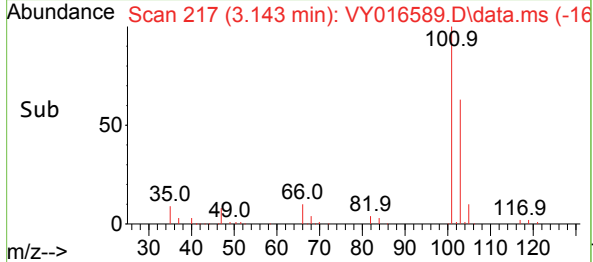
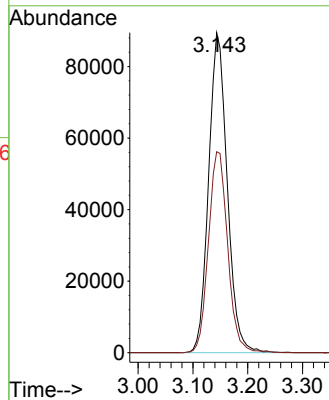
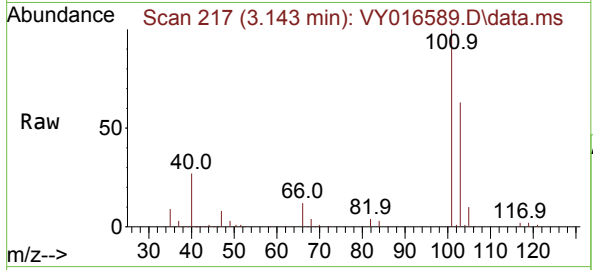




#7
Trichlorofluoromethane
Concen: 52.112 ug/l
RT: 3.143 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

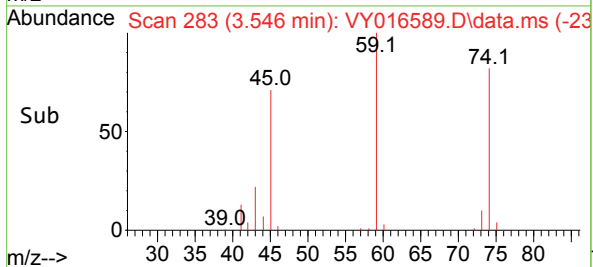
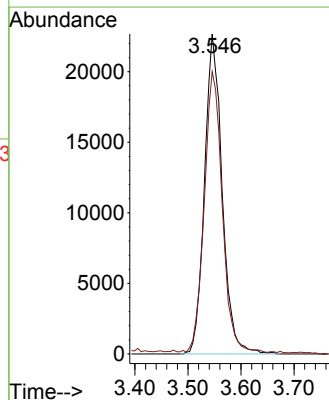
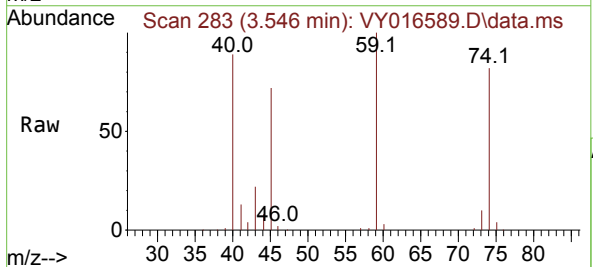
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

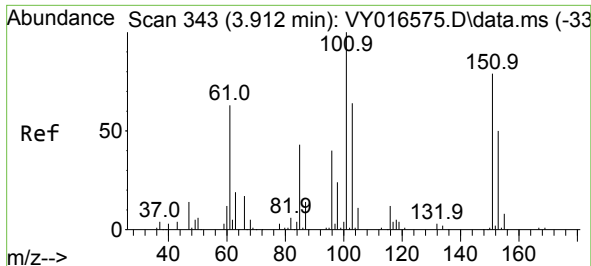
Tgt Ion:101 Resp: 210469
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0



#8
Diethyl Ether
Concen: 46.500 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 74 Resp: 52305
Ion Ratio Lower Upper
74 100
45 89.3 51.5 154.5

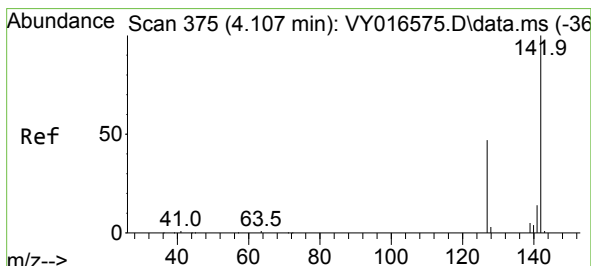
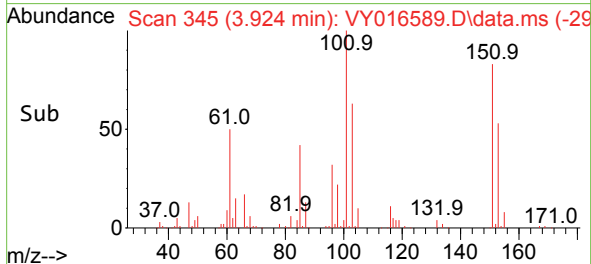
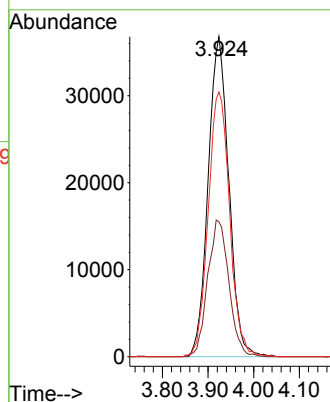
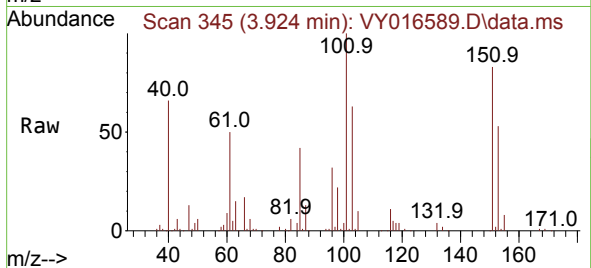




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.220 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

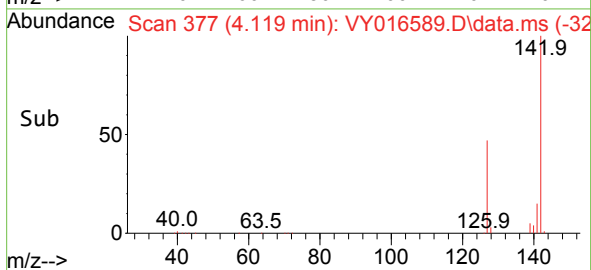
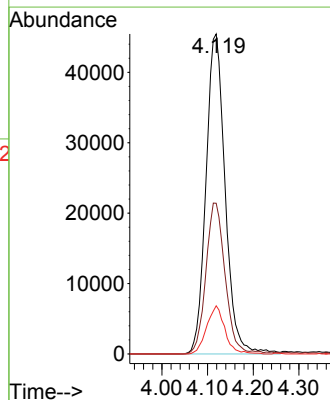
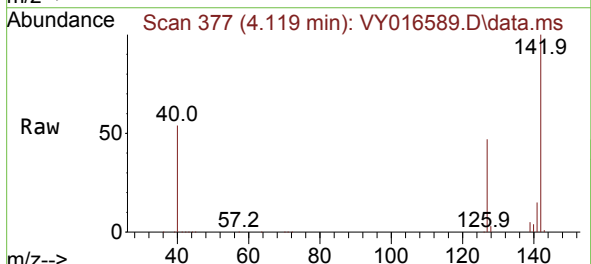
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

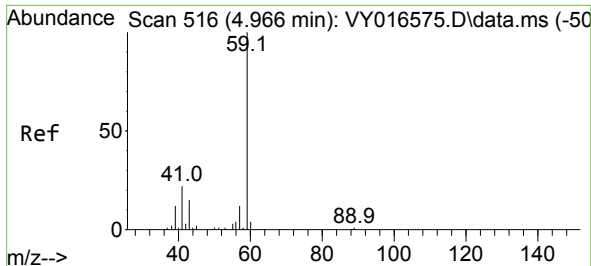
Tgt Ion:101 Resp: 115685
Ion Ratio Lower Upper
101 100
85 43.7 36.6 55.0
151 85.8 67.0 100.6



#10
Methyl Iodide
Concen: 55.589 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:142 Resp: 132654
Ion Ratio Lower Upper
142 100
127 46.8 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 215.969 ug/l

RT: 4.978 min Scan# 516

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

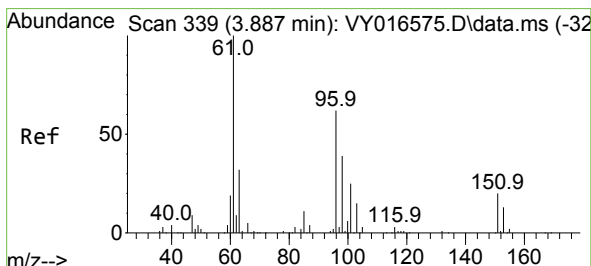
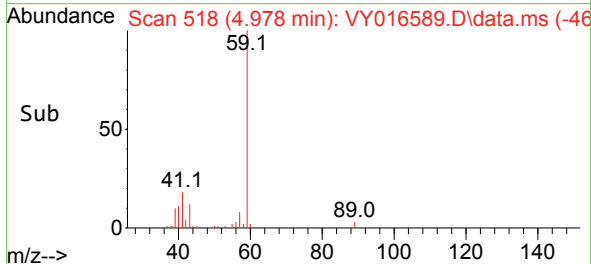
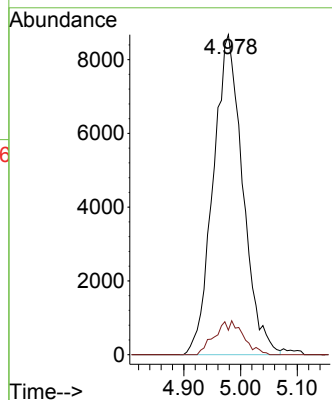
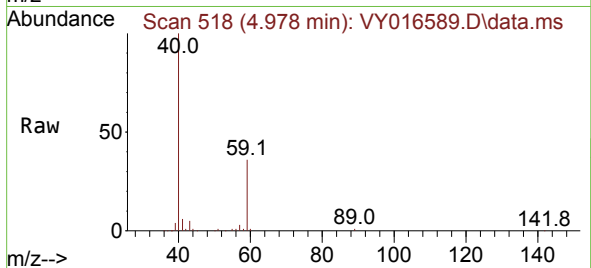
VSTDCCC050

Tgt Ion: 59 Resp: 31399

Ion Ratio Lower Upper

59 100

57 5.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 51.531 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

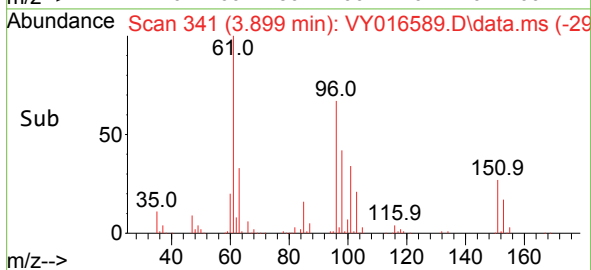
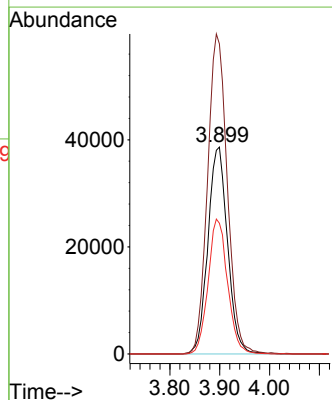
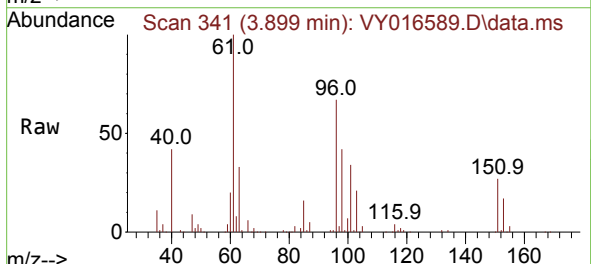
Tgt Ion: 96 Resp: 105727

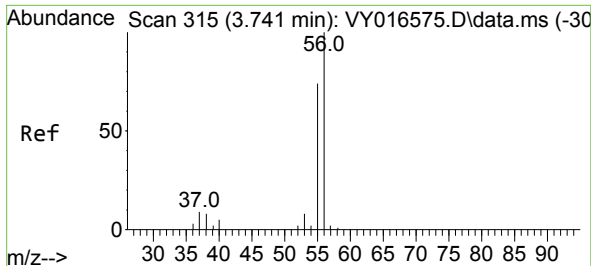
Ion Ratio Lower Upper

96 100

61 149.9 136.4 204.6

98 63.2 49.4 74.2

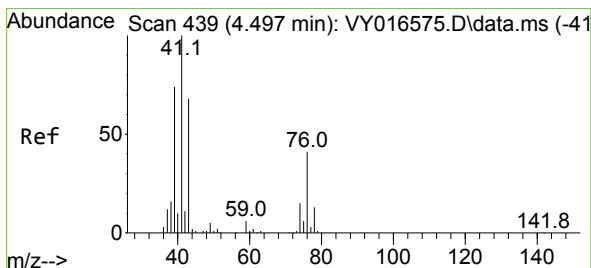
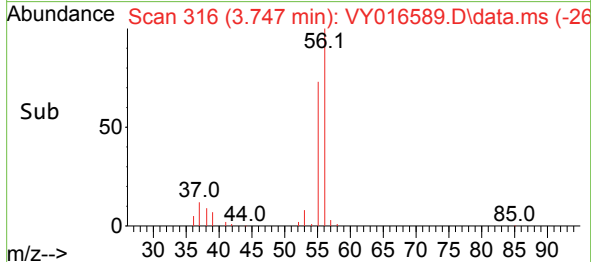
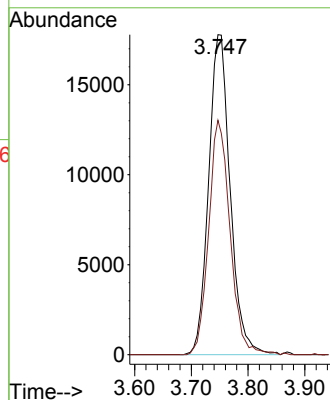
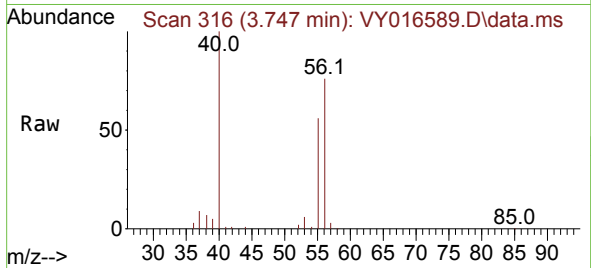




#13
Acrolein
Concen: 222.345 ug/l
RT: 3.747 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

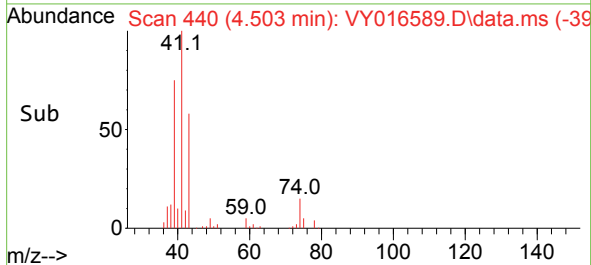
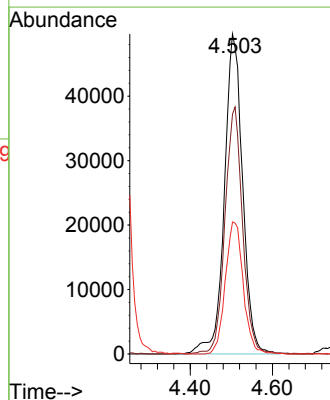
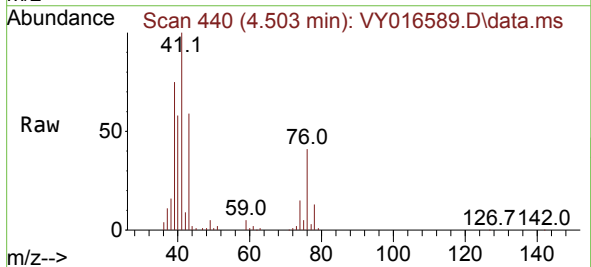
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

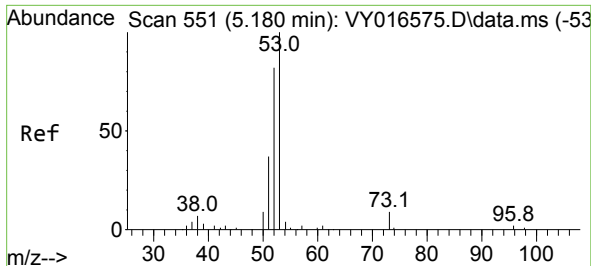
Tgt Ion: 56 Resp: 46996
Ion Ratio Lower Upper
56 100
55 72.5 57.0 85.4



#14
Allyl chloride
Concen: 48.972 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 41 Resp: 153339
Ion Ratio Lower Upper
41 100
39 74.5 58.0 87.0
76 40.5 27.4 41.2

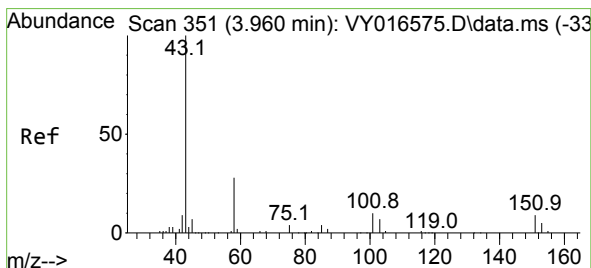
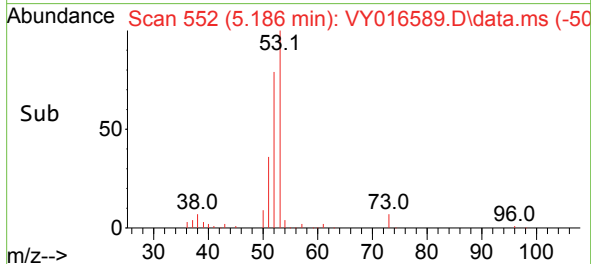
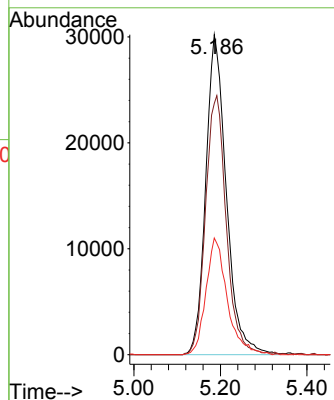
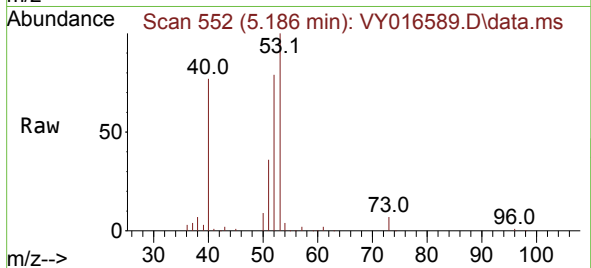




#15
Acrylonitrile
Concen: 219.207 ug/l
RT: 5.186 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

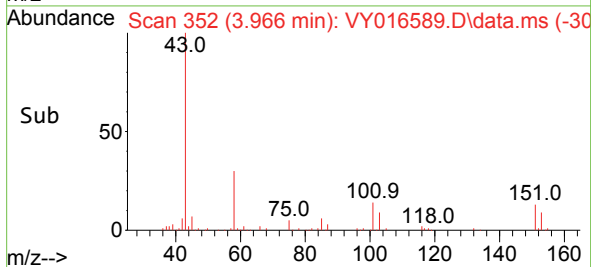
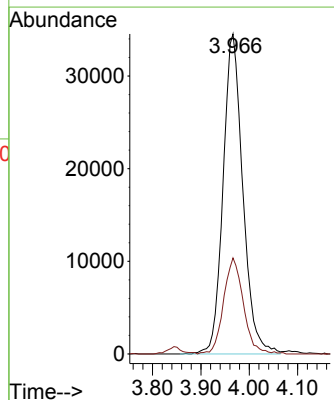
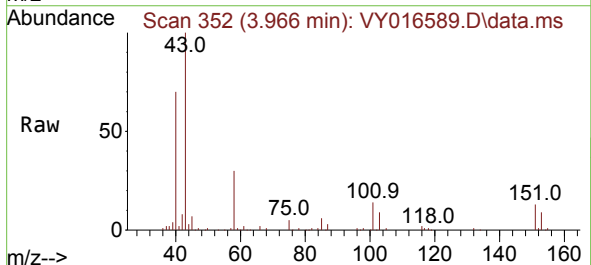
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

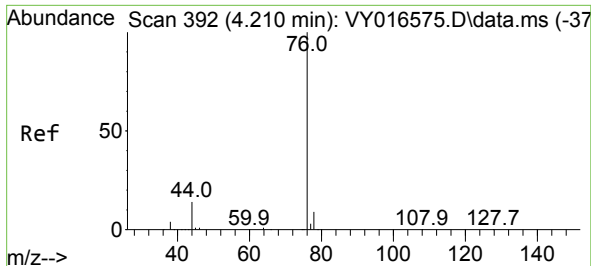
Tgt Ion: 53 Resp: 99520
Ion Ratio Lower Upper
53 100
52 81.6 66.9 100.3
51 37.9 29.8 44.6



#16
Acetone
Concen: 202.684 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 43 Resp: 97869
Ion Ratio Lower Upper
43 100
58 29.7 22.7 34.1

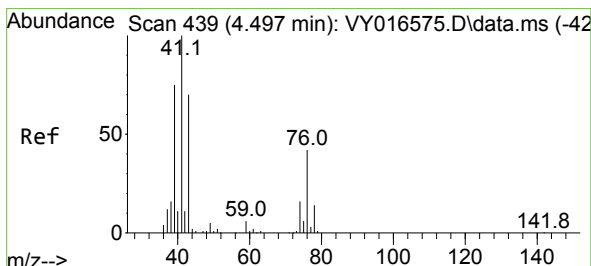
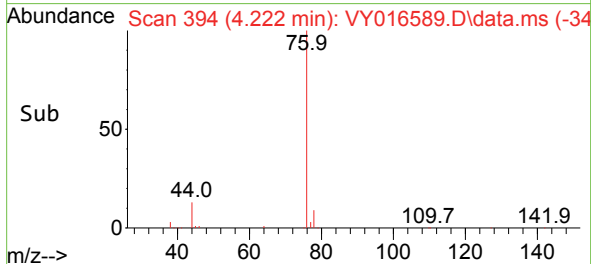
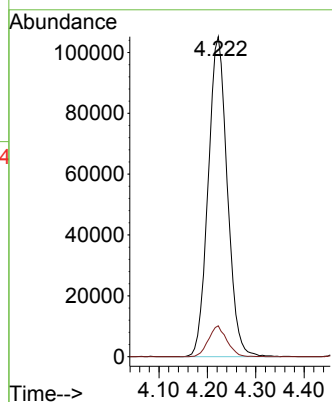
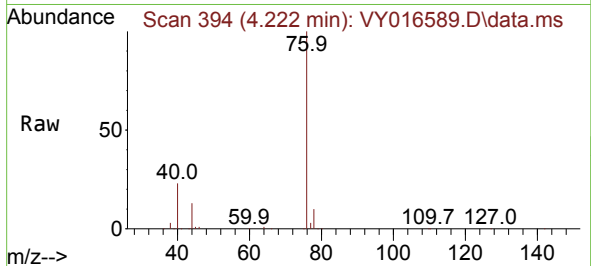




#17
Carbon Disulfide
Concen: 50.262 ug/l
RT: 4.222 min Scan# 394
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

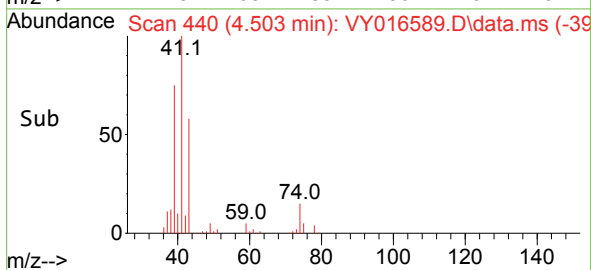
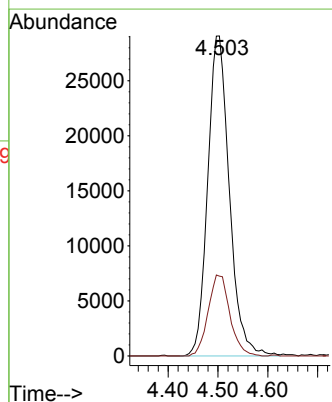
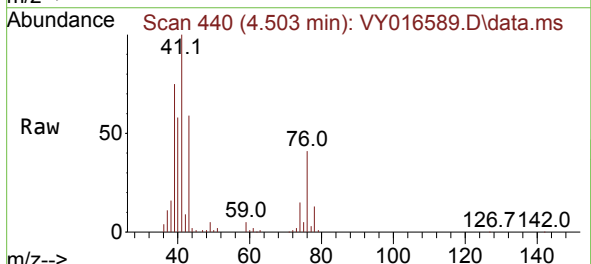
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

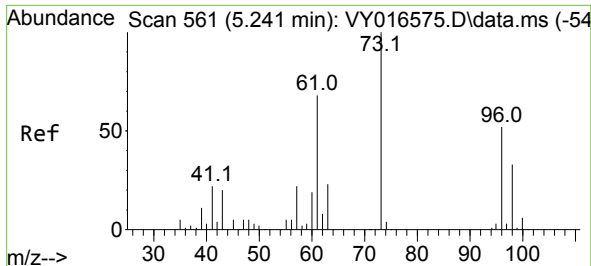
Tgt Ion: 76 Resp: 289122
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.4



#18
Methyl Acetate
Concen: 45.732 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 43 Resp: 87532
Ion Ratio Lower Upper
43 100
74 25.4 17.4 26.0

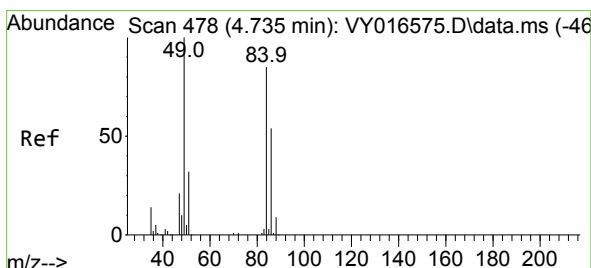
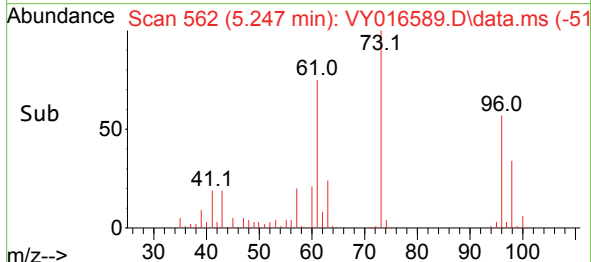
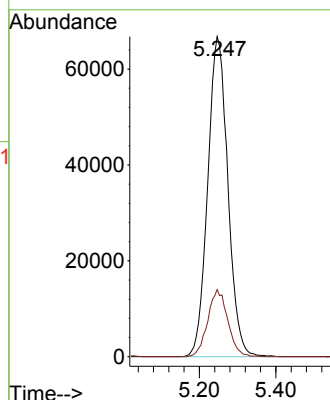
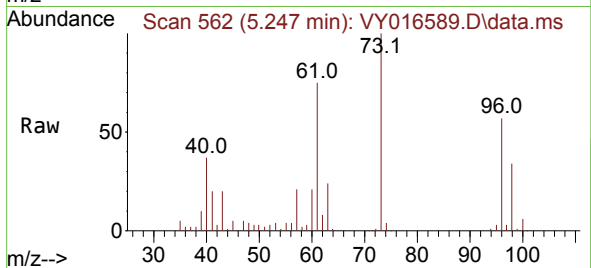




#19
Methyl tert-butyl Ether
Concen: 48.386 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

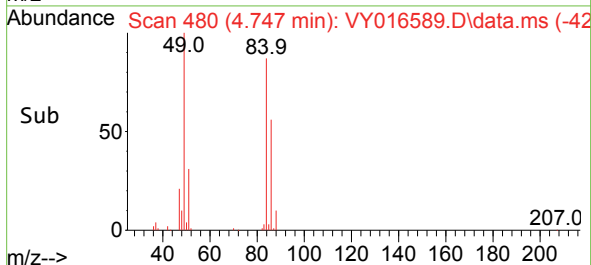
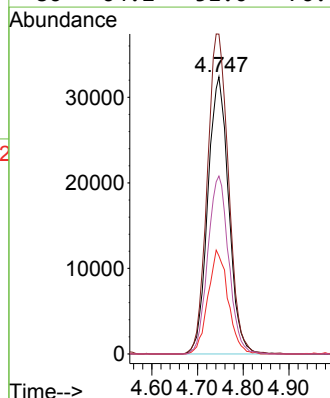
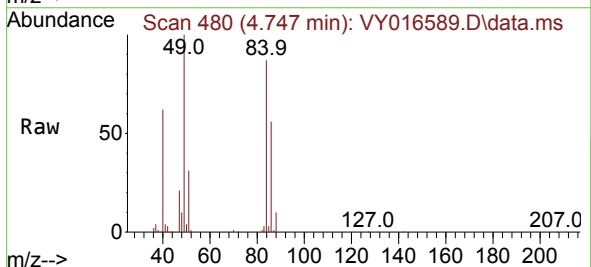
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

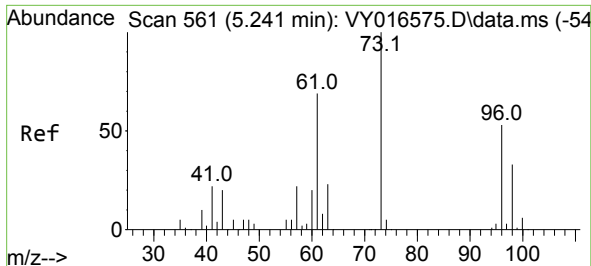
Tgt Ion: 73 Resp: 244038
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9



#20
Methylene Chloride
Concen: 48.090 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 84 Resp: 102644
Ion Ratio Lower Upper
84 100
49 115.4 106.9 160.3
51 35.4 33.2 49.8
86 64.2 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 51.480 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

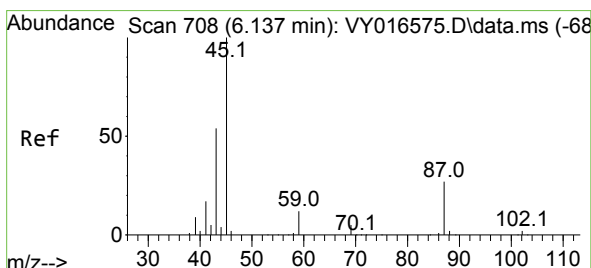
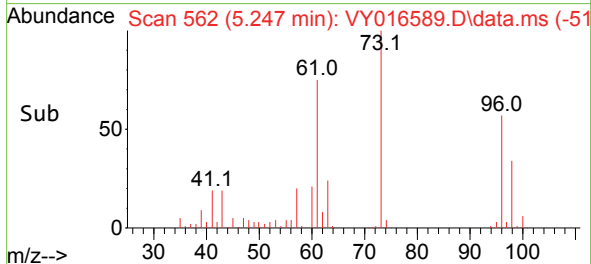
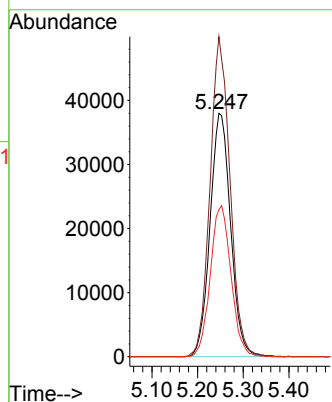
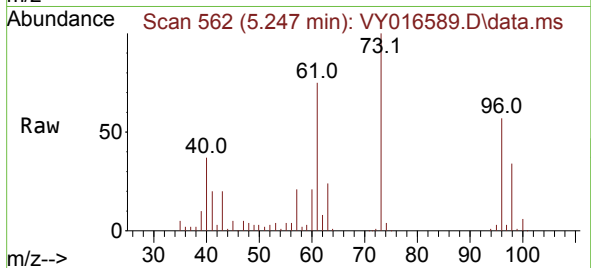
Tgt Ion: 96 Resp: 118775

Ion Ratio Lower Upper

96 100

61 131.5 110.2 165.4

98 60.4 51.8 77.6



#22

Diisopropyl ether

Concen: 47.066 ug/l

RT: 6.149 min Scan# 710

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Tgt Ion: 45 Resp: 303086

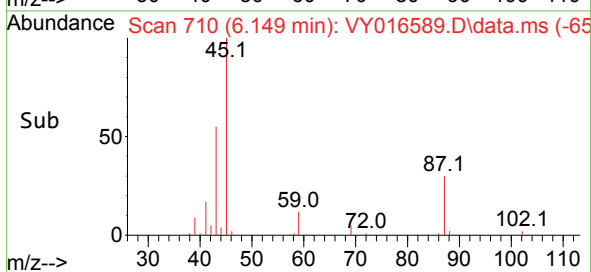
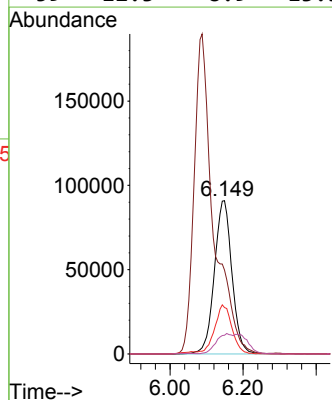
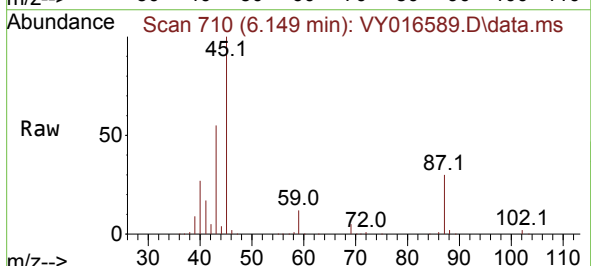
Ion Ratio Lower Upper

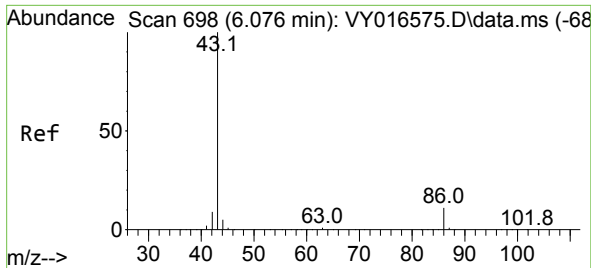
45 100

43 54.2 52.2 78.4

87 30.3 21.0 31.6

59 12.3 8.9 13.3

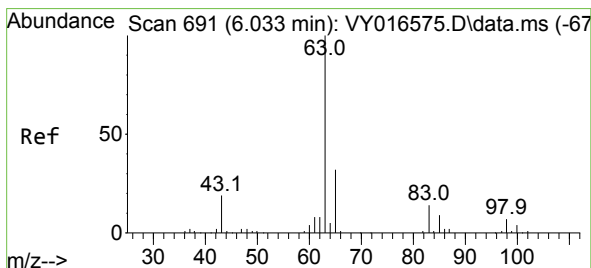
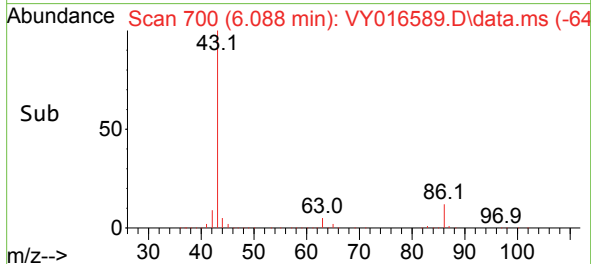
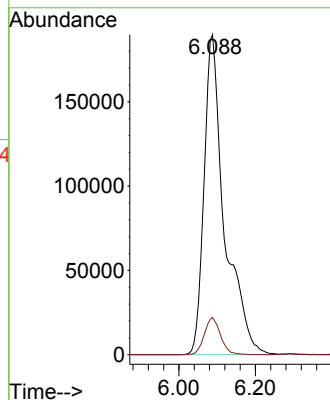
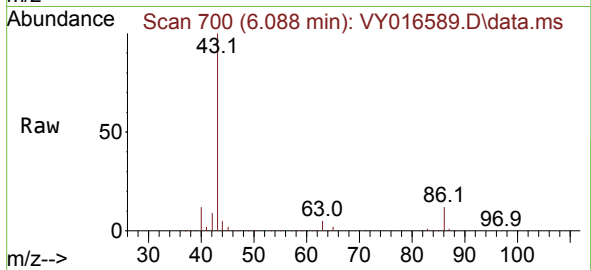




#23
 Vinyl Acetate
 Concen: 227.579 ug/l
 RT: 6.088 min Scan# 70
 Delta R.T. 0.012 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

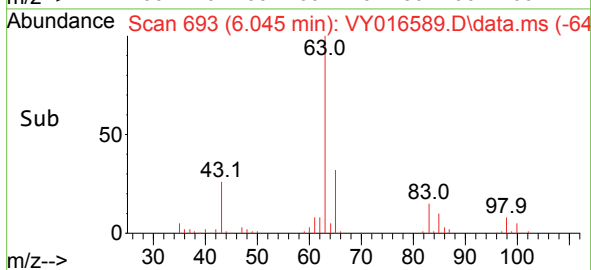
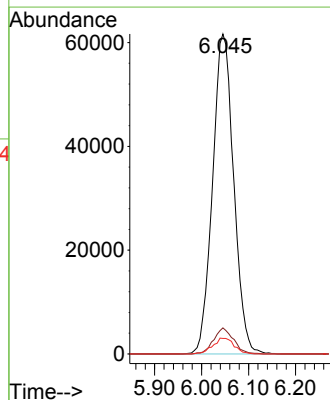
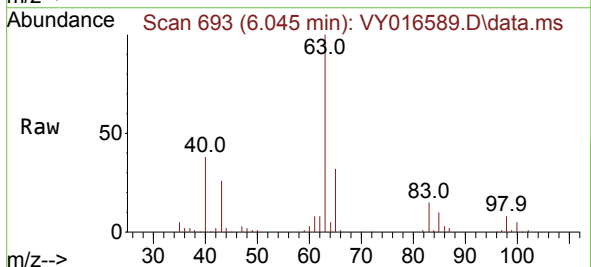
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

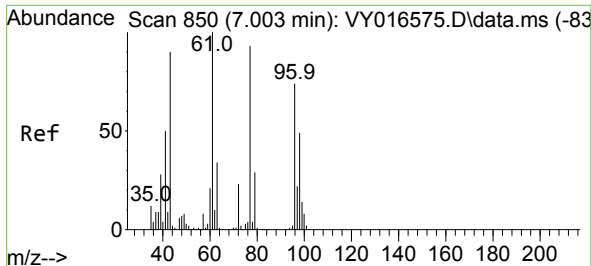
Tgt Ion: 43 Resp: 703535
 Ion Ratio Lower Upper
 43 100
 86 11.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 48.689 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

Tgt Ion: 63 Resp: 192625
 Ion Ratio Lower Upper
 63 100
 98 8.1 3.1 9.4
 100 4.8 1.8 5.5

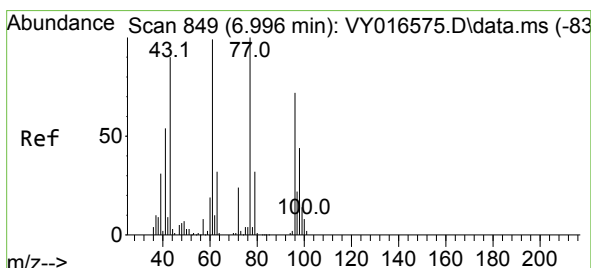
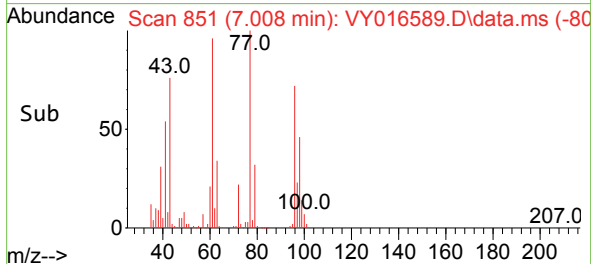
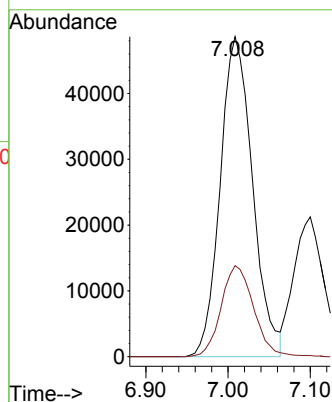
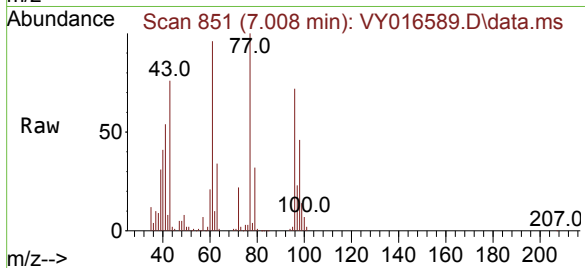




#25
2-Butanone
Concen: 200.223 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

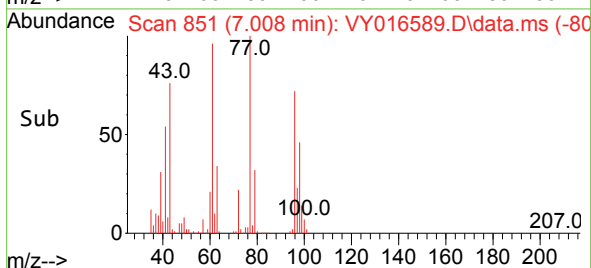
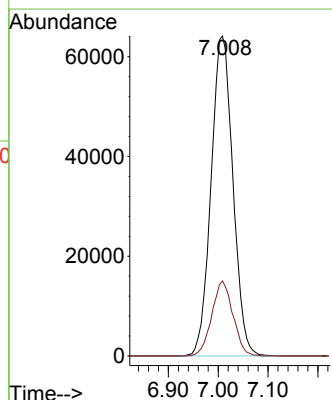
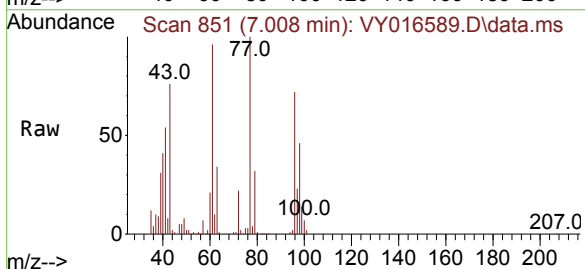
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

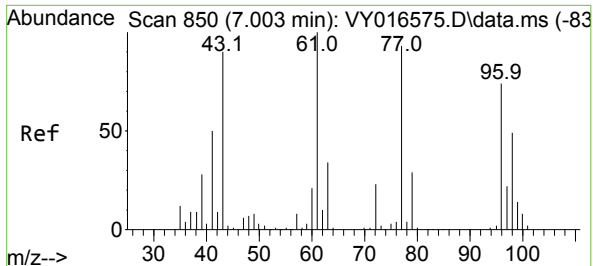
Tgt Ion: 43 Resp: 132943
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 52.427 ug/l
RT: 7.008 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 77 Resp: 194990
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 50.517 ug/l

RT: 7.015 min Scan# 850

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

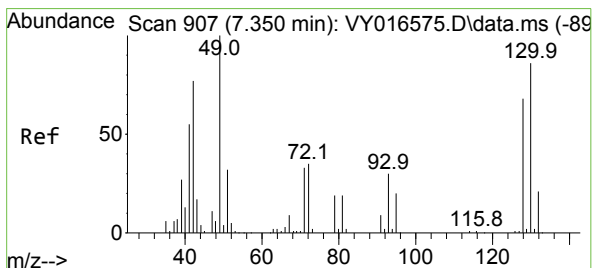
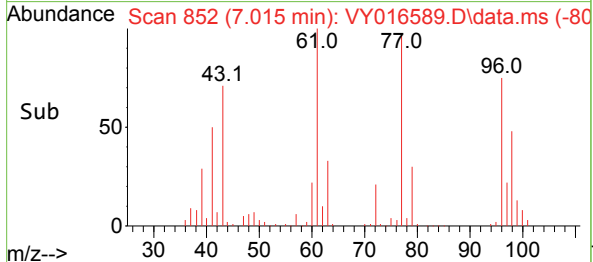
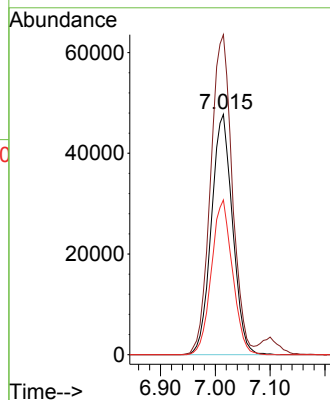
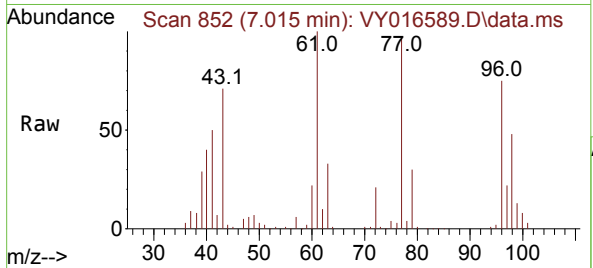
Tgt Ion: 96 Resp: 128297

Ion Ratio Lower Upper

96 100

61 136.3 0.0 301.4

98 63.8 0.0 130.4



#28

Bromochloromethane

Concen: 44.560 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

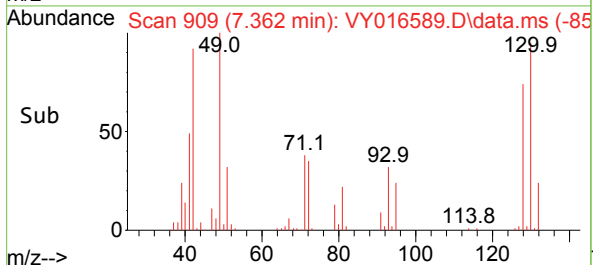
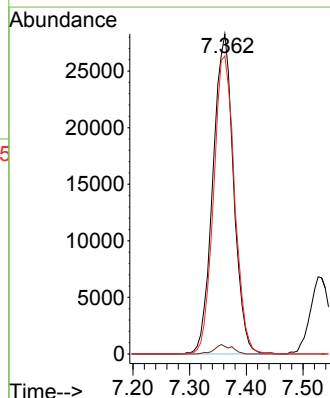
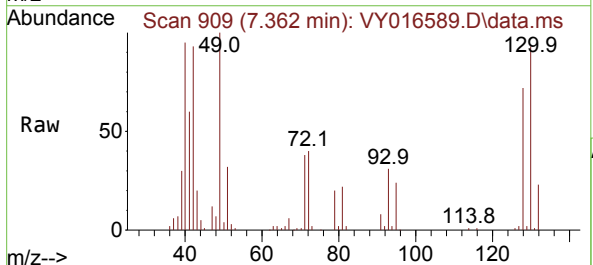
Tgt Ion: 49 Resp: 71407

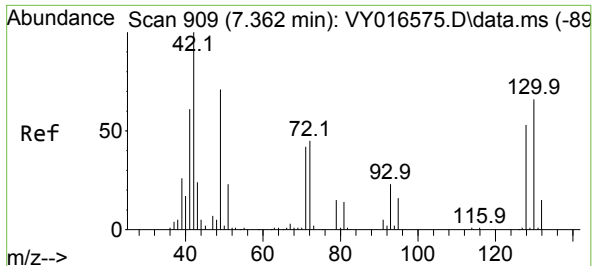
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 94.7 60.7 91.1#





#29

Tetrahydrofuran

Concen: 213.377 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

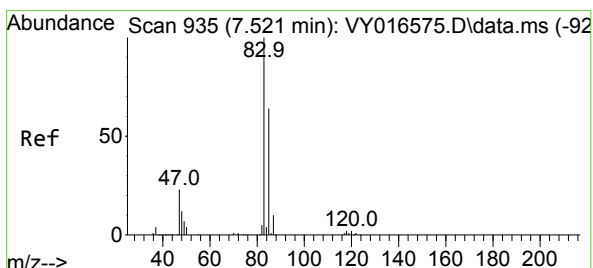
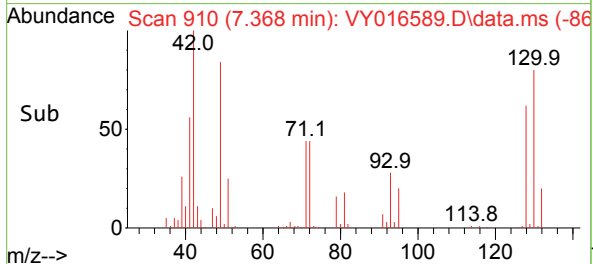
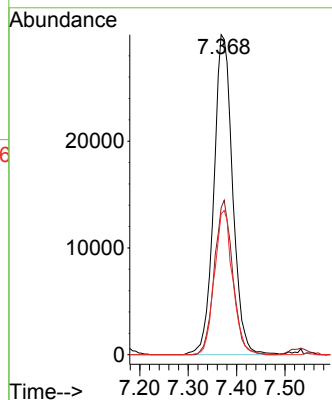
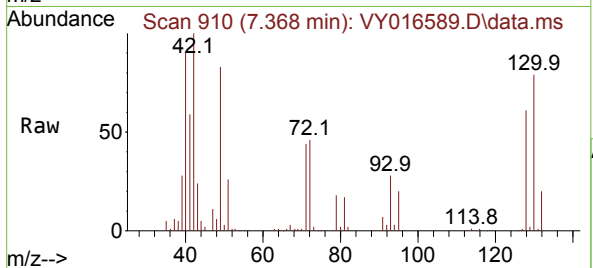
Tgt Ion: 42 Resp: 80775

Ion Ratio Lower Upper

42 100

72 47.0 32.8 49.2

71 44.1 31.0 46.4



#30

Chloroform

Concen: 49.637 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016589.D

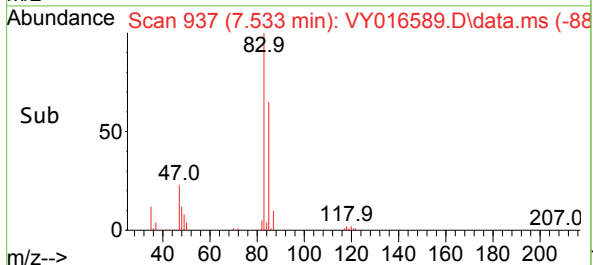
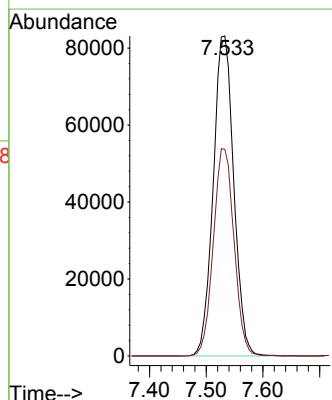
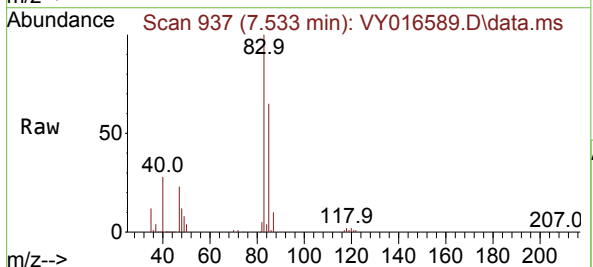
Acq: 05 Dec 2023 10:57

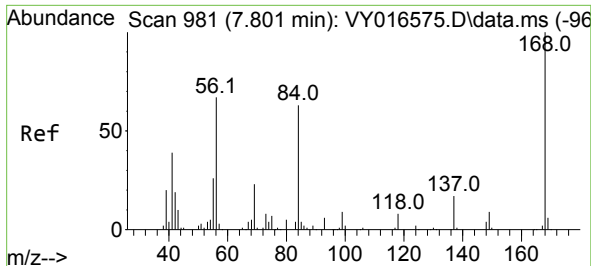
Tgt Ion: 83 Resp: 209327

Ion Ratio Lower Upper

83 100

85 64.6 49.7 74.5

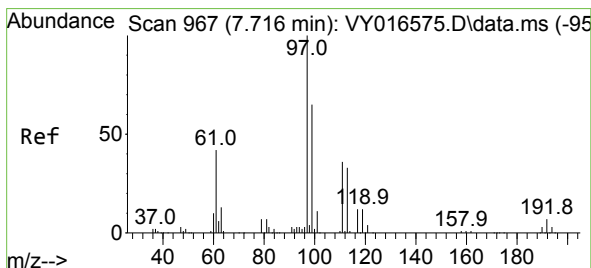
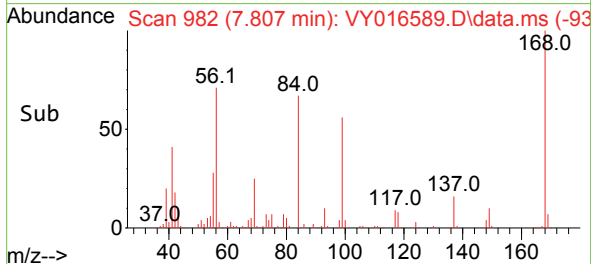
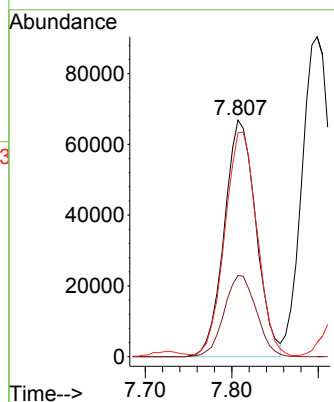
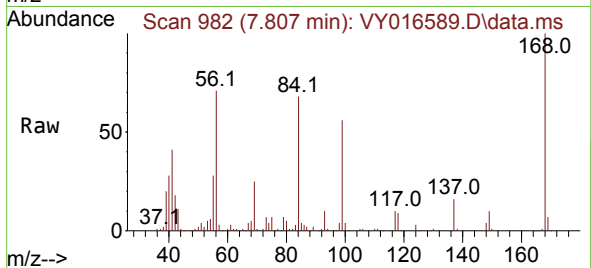




#31
Cyclohexane
Concen: 46.659 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

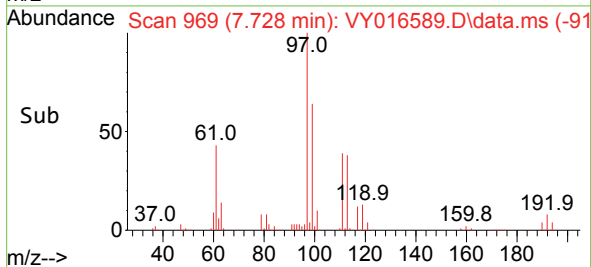
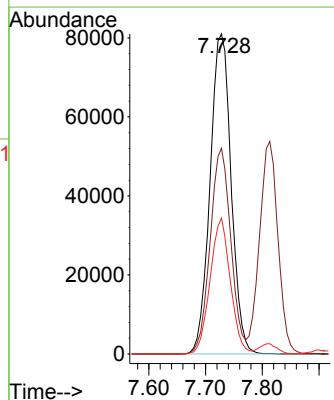
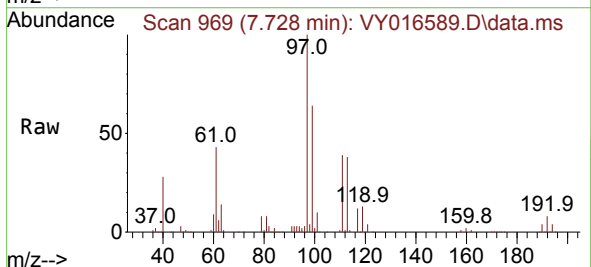
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

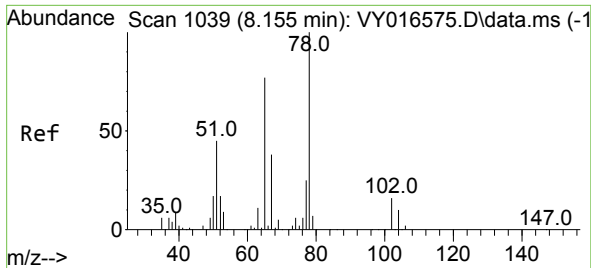
Tgt Ion: 56 Resp: 169966
Ion Ratio Lower Upper
56 100
69 34.3 27.8 41.6
84 93.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.301 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 97 Resp: 208736
Ion Ratio Lower Upper
97 100
99 63.3 50.8 76.2
61 40.8 35.1 52.7

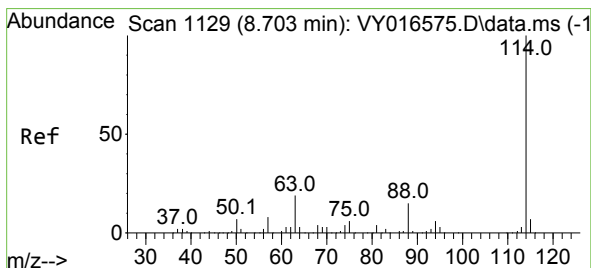
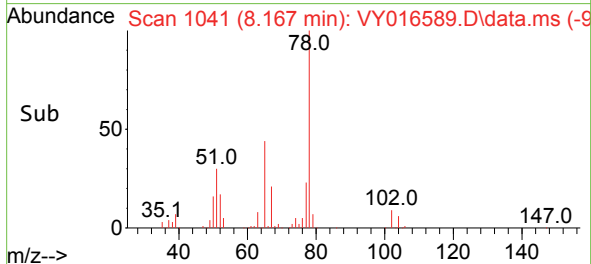
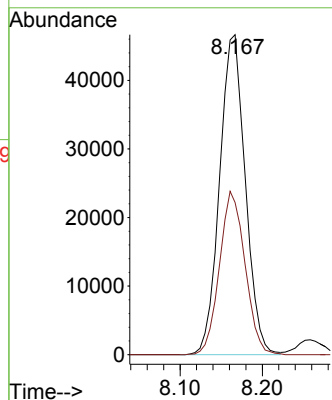
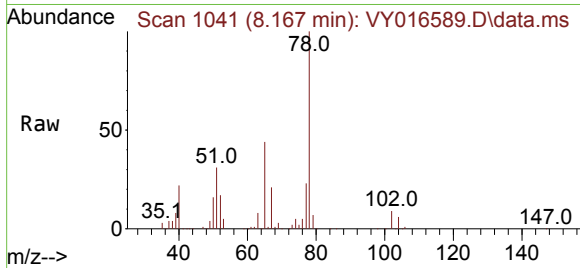




#33
 1,2-Dichloroethane-d4
 Concen: 47.526 ug/l
 RT: 8.167 min Scan# 110
 Delta R.T. 0.012 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

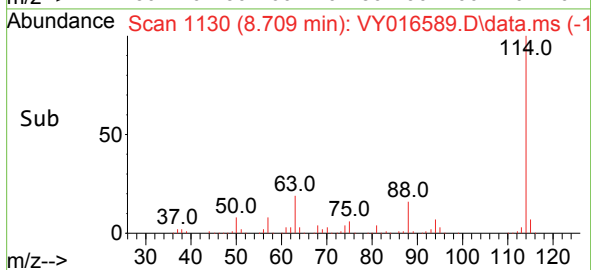
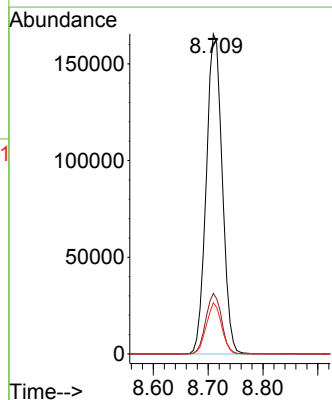
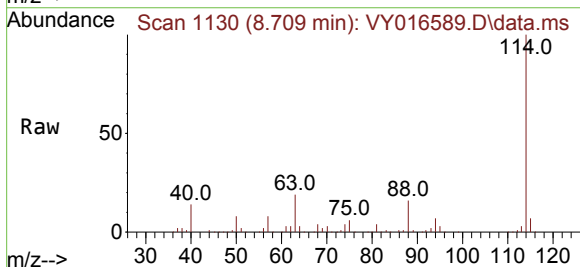
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

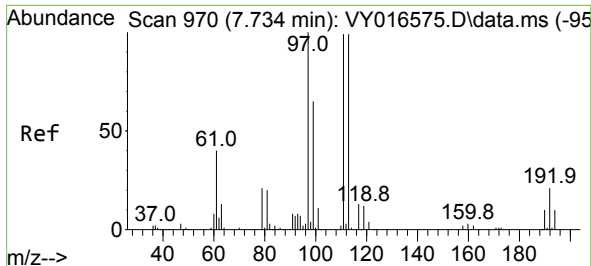
Tgt Ion: 65 Resp: 101413
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

Tgt Ion: 114 Resp: 334318
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 16.0 0.0 30.6

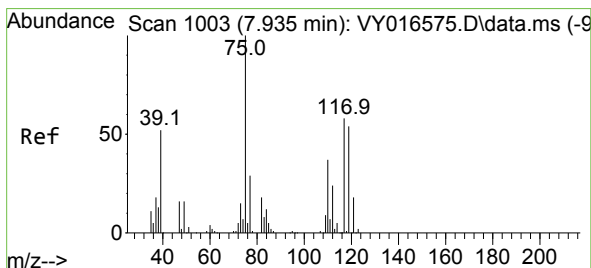
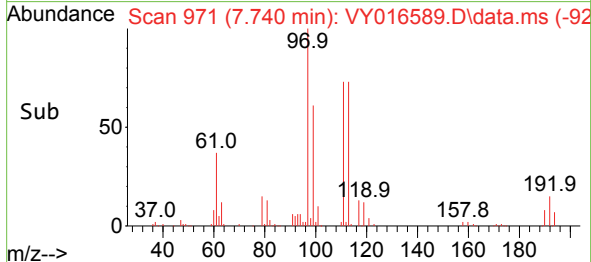
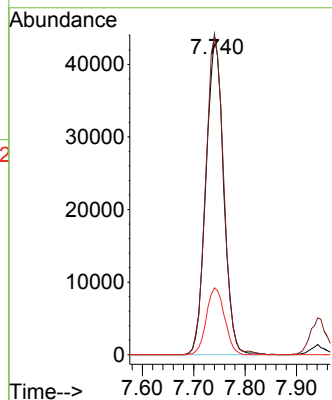
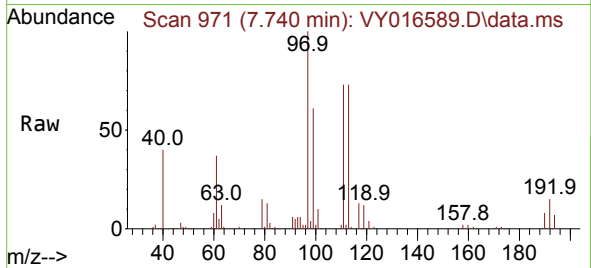




#35
Dibromofluoromethane
Concen: 51.703 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

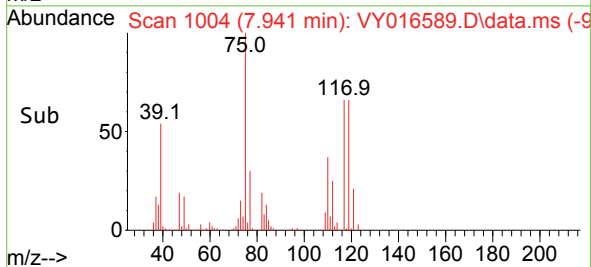
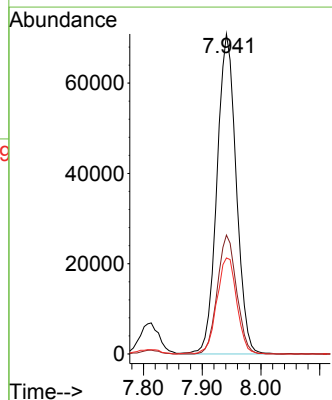
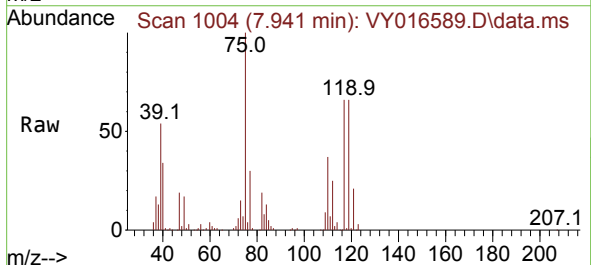
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

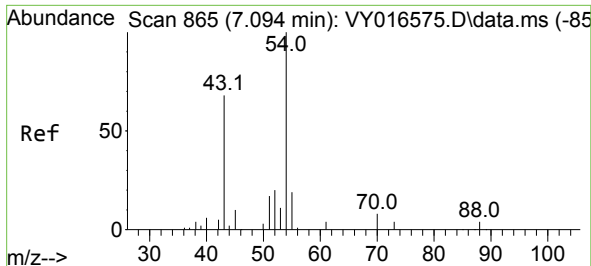
Tgt Ion:113 Resp: 104022
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 52.745 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 75 Resp: 161314
Ion Ratio Lower Upper
75 100
110 37.1 17.8 53.5
77 31.2 24.4 36.6

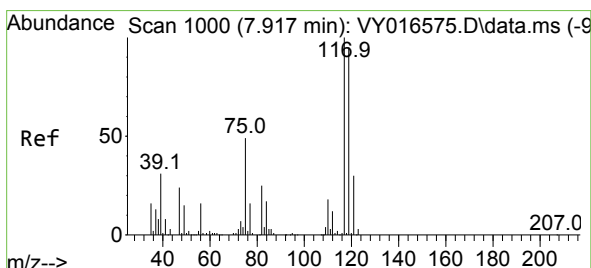
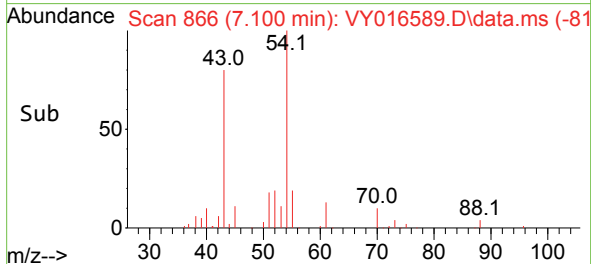
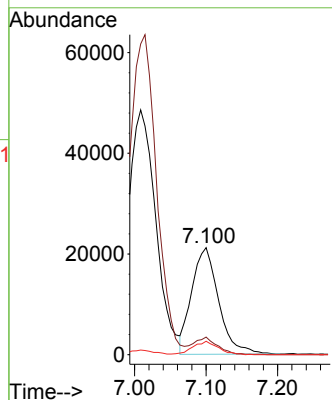
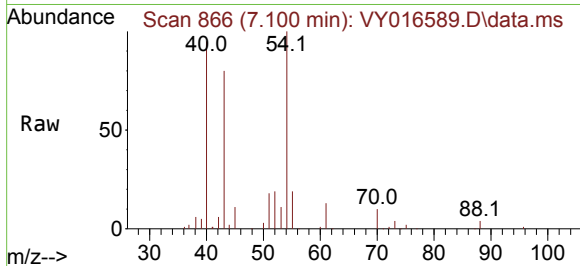




#37
Ethyl Acetate
Concen: 43.366 ug/l
RT: 7.100 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

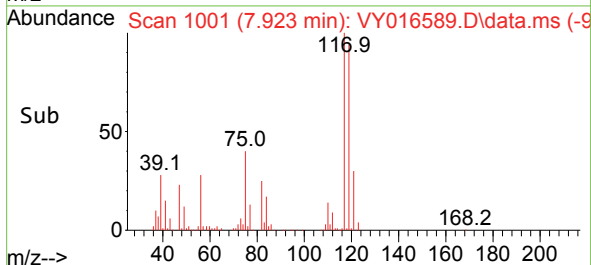
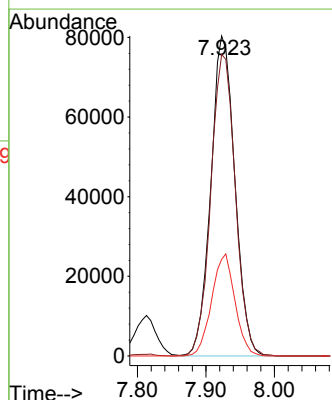
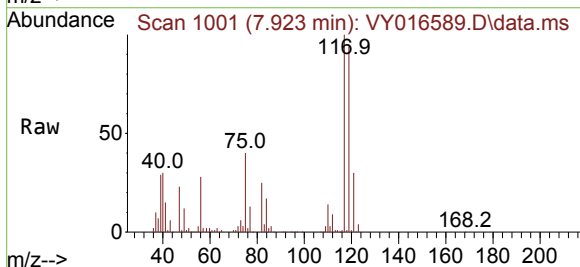
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

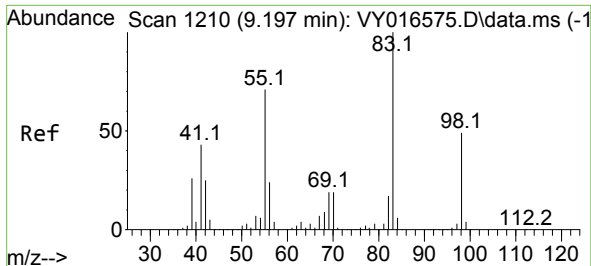
Tgt Ion: 43 Resp: 55497
Ion Ratio Lower Upper
43 100
61 15.0 10.1 15.1
70 11.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 55.297 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 117 Resp: 195784
Ion Ratio Lower Upper
117 100
119 94.2 76.4 114.6
121 30.2 25.8 38.6





#39

Methylcyclohexane

Concen: 54.022 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

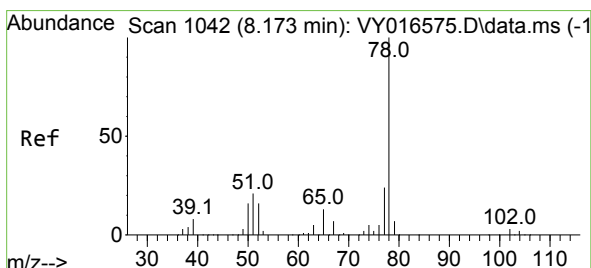
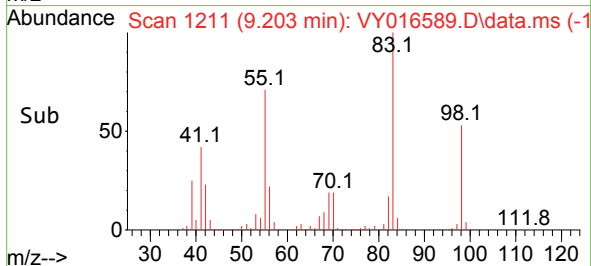
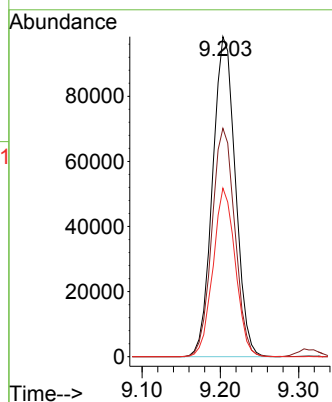
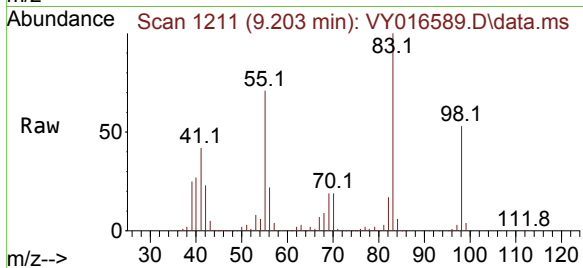
Tgt Ion: 83 Resp: 199060

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 52.7 37.4 56.2



#40

Benzene

Concen: 51.424 ug/l

RT: 8.185 min Scan# 1044

Delta R.T. 0.012 min

Lab File: VY016589.D

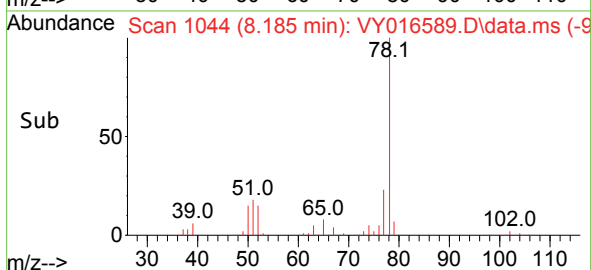
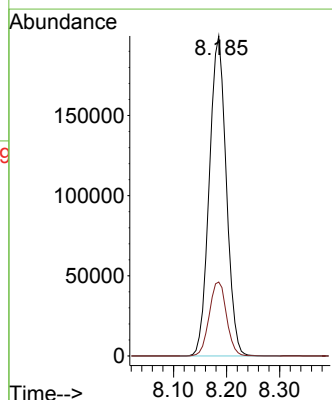
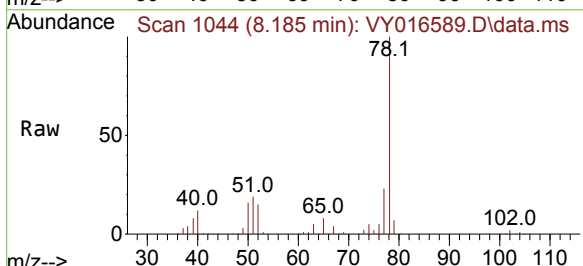
Acq: 05 Dec 2023 10:57

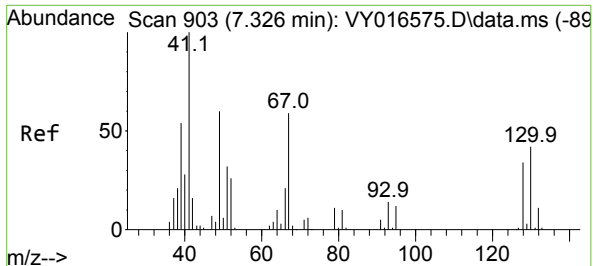
Tgt Ion: 78 Resp: 443299

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.6

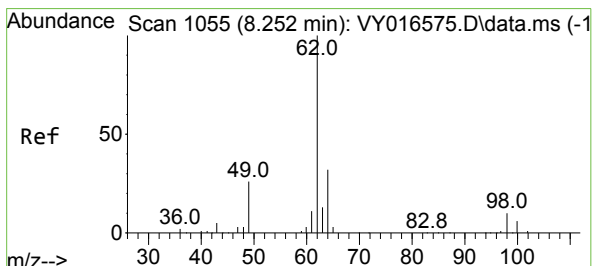
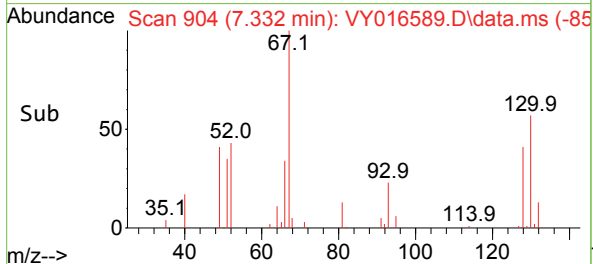
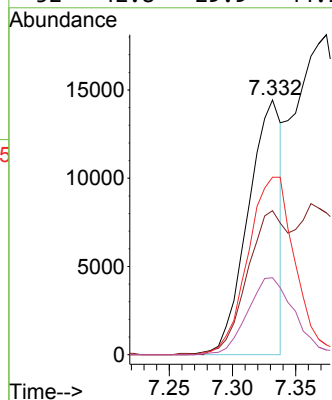
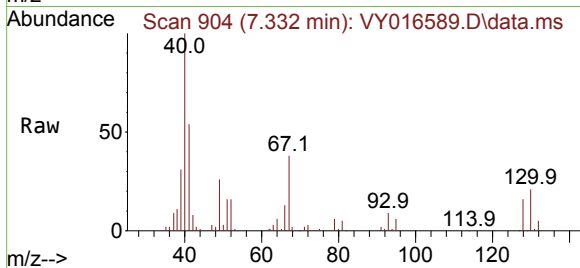




#41
Methacrylonitrile
Concen: 35.844 ug/l
RT: 7.332 min Scan# 904
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

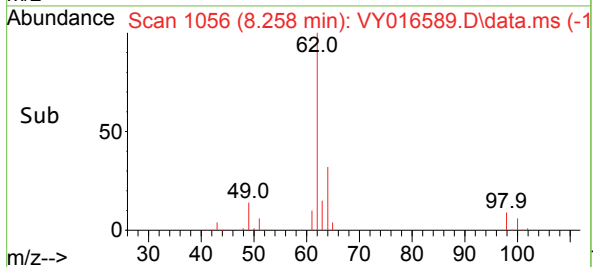
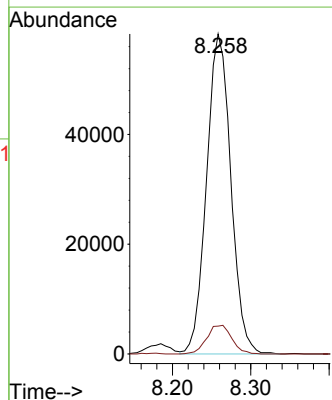
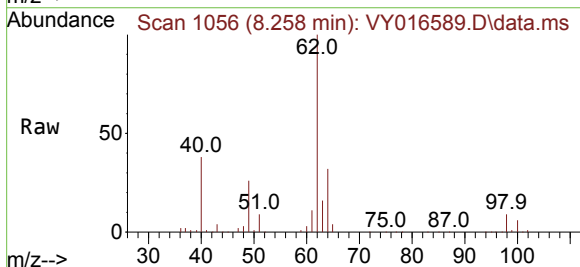
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

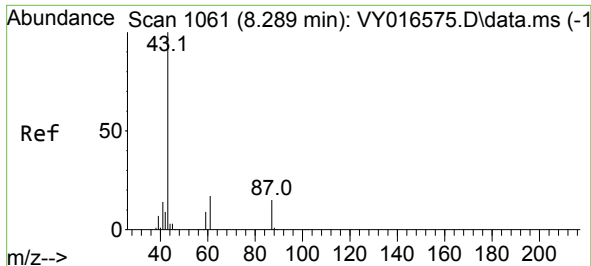
Tgt Ion:	41	Resp:	26493
Ion	Ratio	Lower	Upper
41	100		
39	67.4	52.1	78.1
67	98.4	66.2	99.2
52	42.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 50.274 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:	62	Resp:	125839
Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	15.8

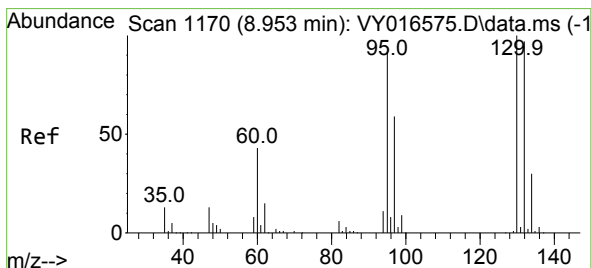
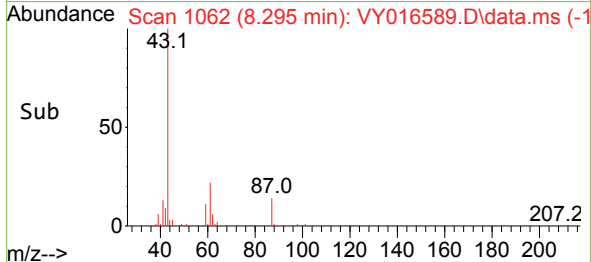
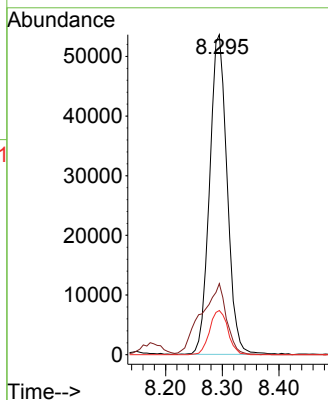
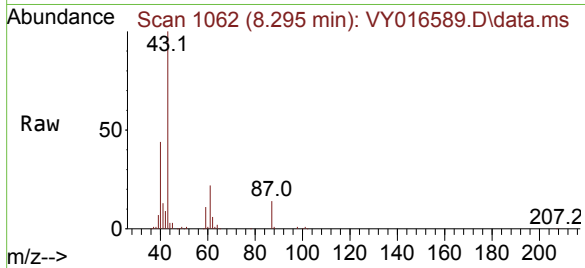




#43
Isopropyl Acetate
Concen: 46.483 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

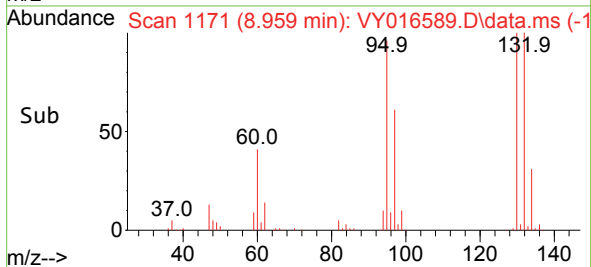
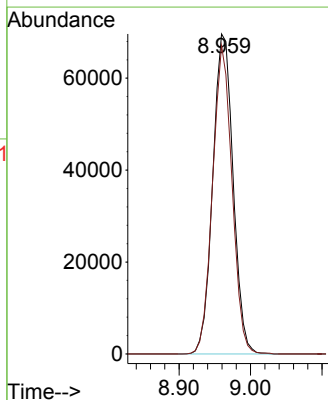
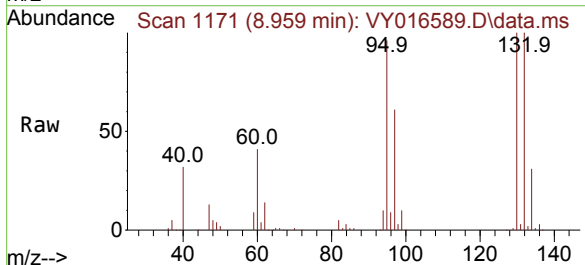
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

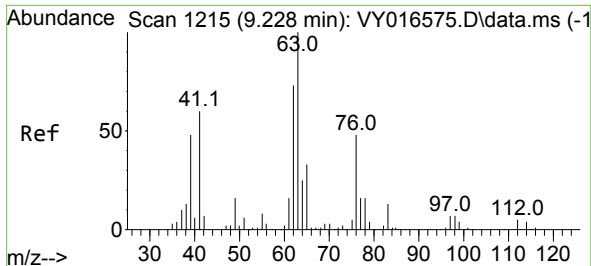
Tgt Ion: 43 Resp: 114756
Ion Ratio Lower Upper
43 100
61 32.1 21.1 31.7#
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 52.846 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:130 Resp: 137382
Ion Ratio Lower Upper
130 100
95 96.4 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.889 ug/l

RT: 9.234 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

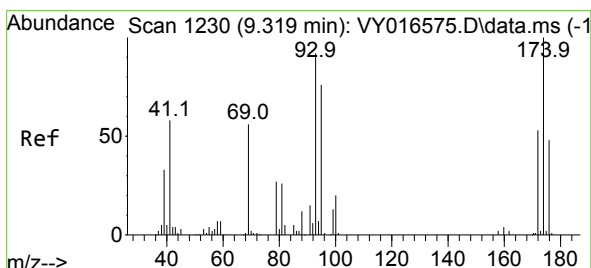
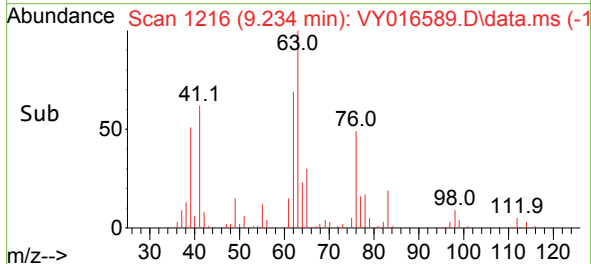
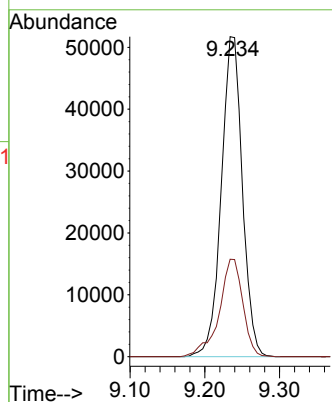
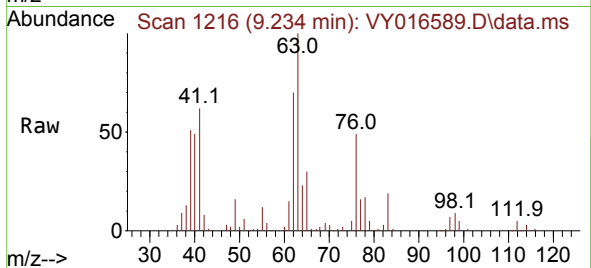
VSTDCCC050

Tgt Ion: 63 Resp: 101464

Ion Ratio Lower Upper

63 100

65 30.5 23.8 35.6



#46

Dibromomethane

Concen: 49.410 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

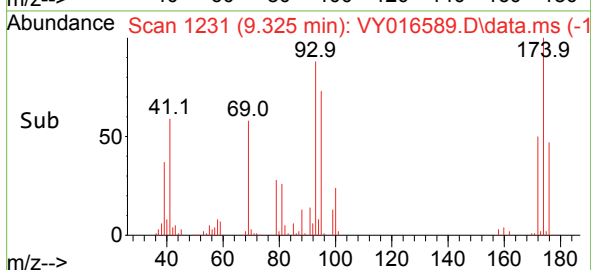
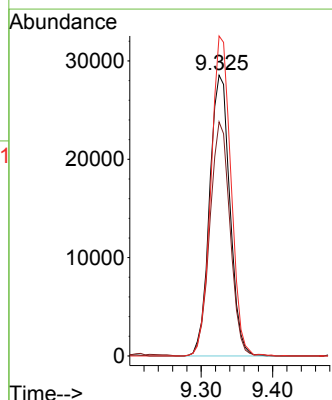
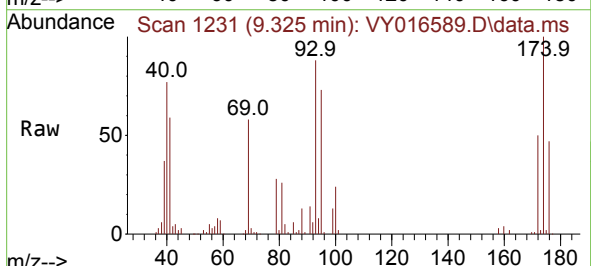
Tgt Ion: 93 Resp: 56216

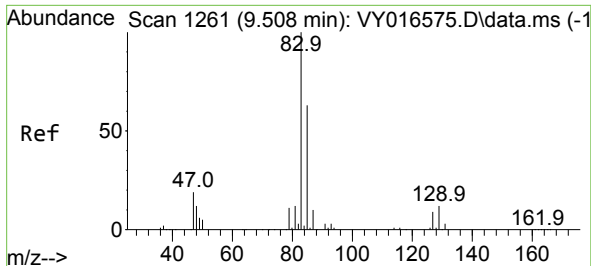
Ion Ratio Lower Upper

93 100

95 82.9 66.6 100.0

174 112.3 84.8 127.2

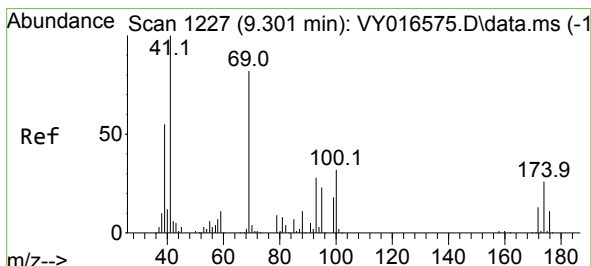
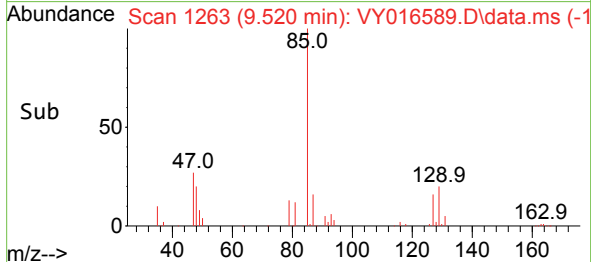
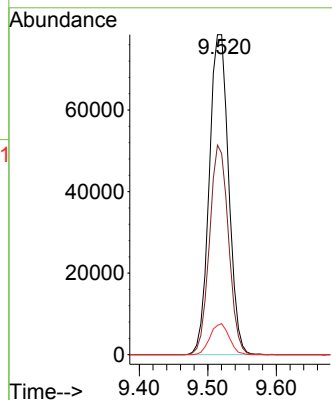
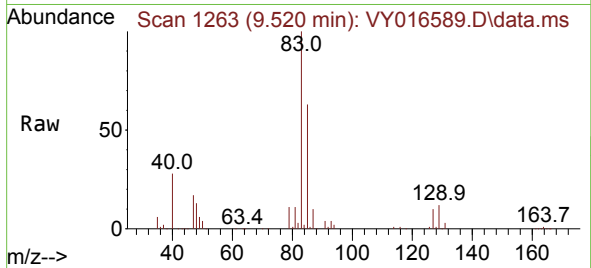




#47
Bromodichloromethane
Concen: 50.941 ug/l
RT: 9.520 min Scan# 1263
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

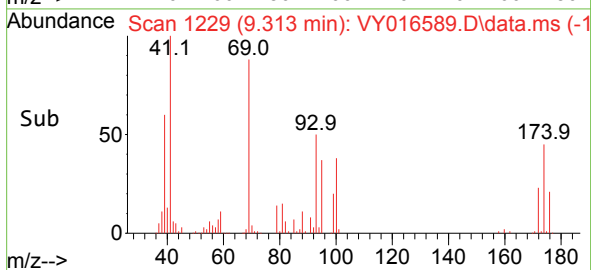
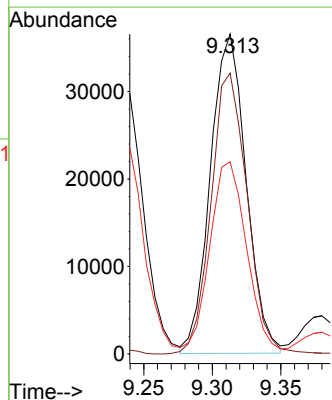
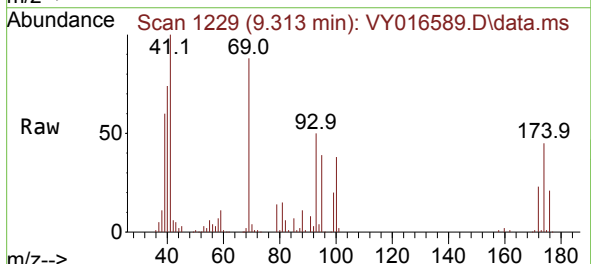
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

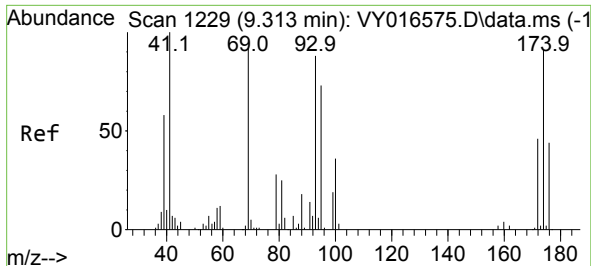
Tgt Ion: 83 Resp: 154298
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 9.7 7.1 10.7



#48
Methyl methacrylate
Concen: 46.538 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 41 Resp: 66352
Ion Ratio Lower Upper
41 100
69 88.9 64.5 96.7
39 58.6 50.8 76.2





#49

1,4-Dioxane

Concen: 920.198 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

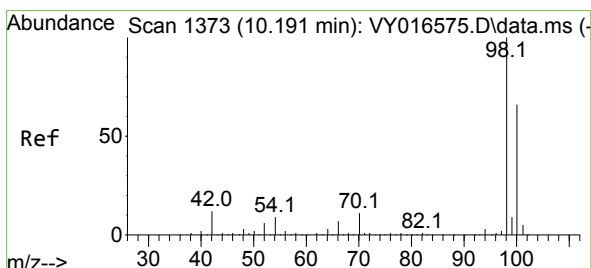
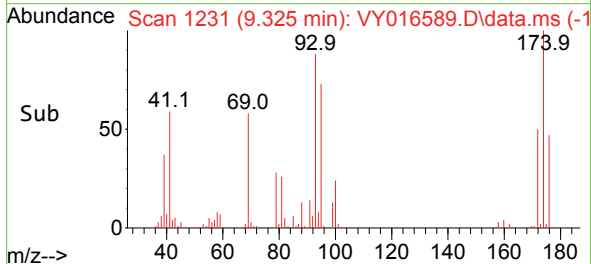
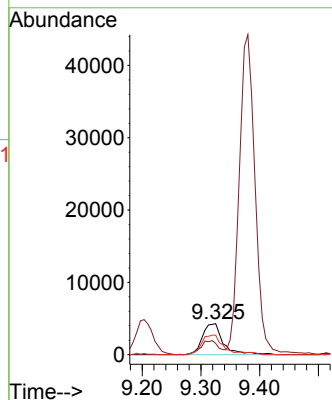
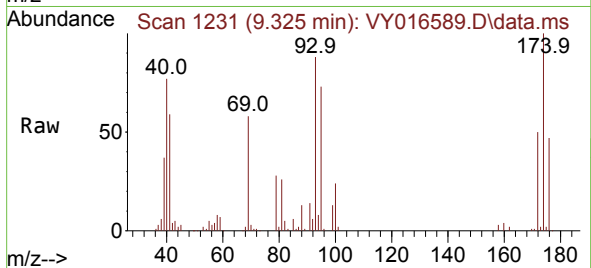
Tgt Ion: 88 Resp: 10597

Ion Ratio Lower Upper

88 100

43 40.5 0.0 0.0#

58 62.7 30.9 46.3#



#50

Toluene-d8

Concen: 52.799 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016589.D

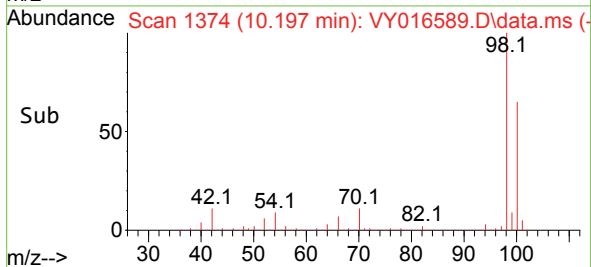
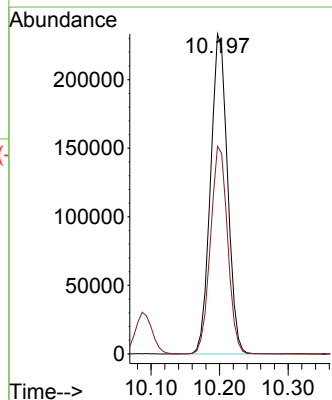
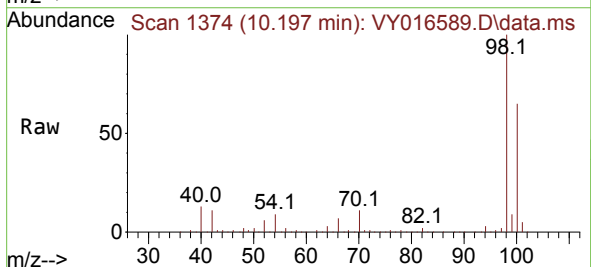
Acq: 05 Dec 2023 10:57

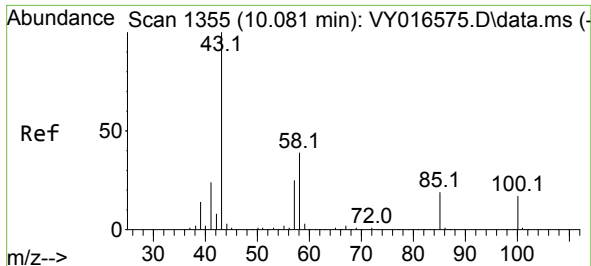
Tgt Ion: 98 Resp: 401813

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1

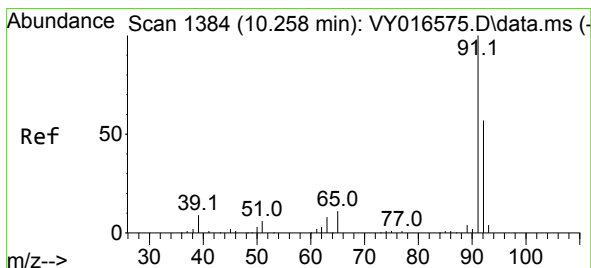
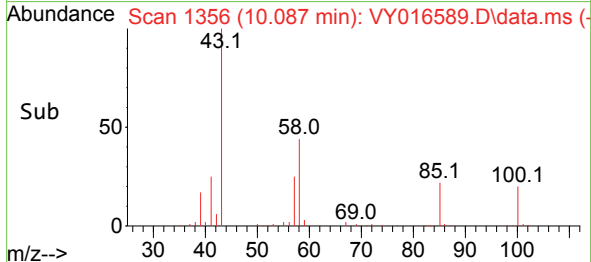
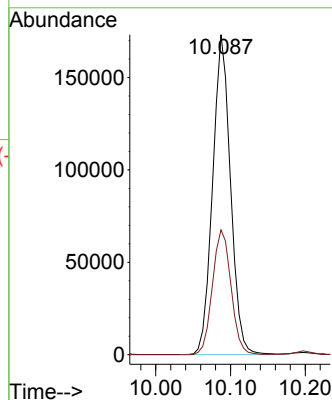
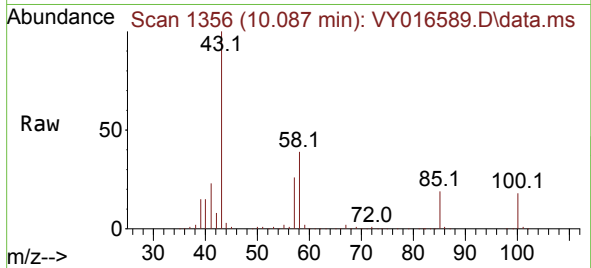




#51
4-Methyl-2-Pentanone
Concen: 223.900 ug/l
RT: 10.087 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

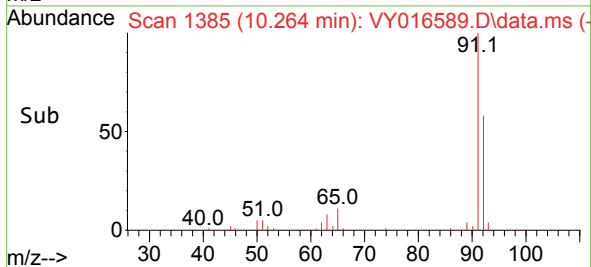
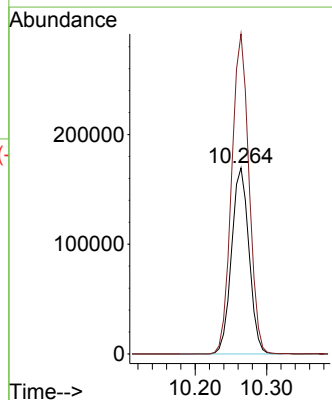
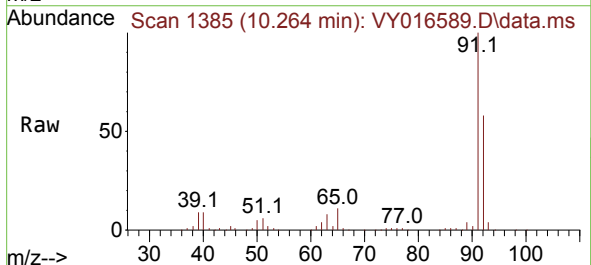
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

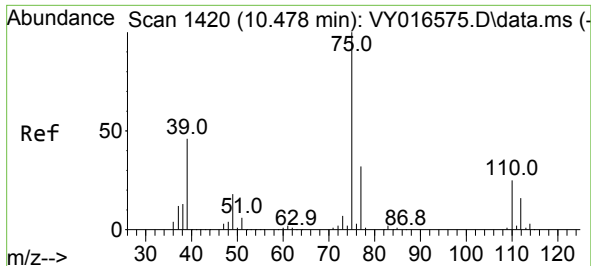
Tgt Ion: 43 Resp: 287259
Ion Ratio Lower Upper
43 100
58 40.6 29.0 43.6



#52
Toluene
Concen: 53.175 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 92 Resp: 287296
Ion Ratio Lower Upper
92 100
91 170.9 143.8 215.6

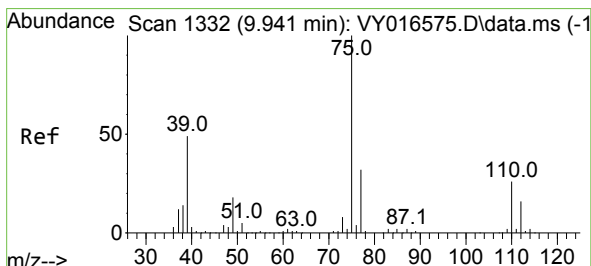
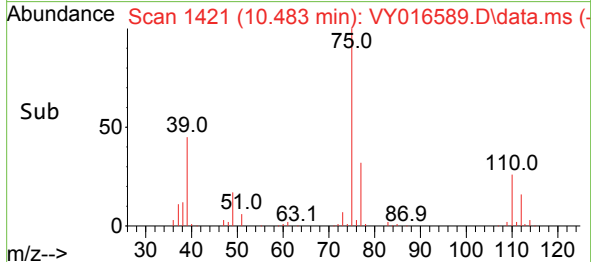
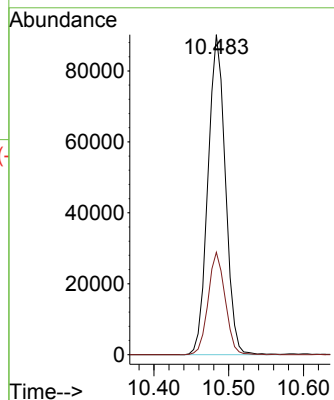
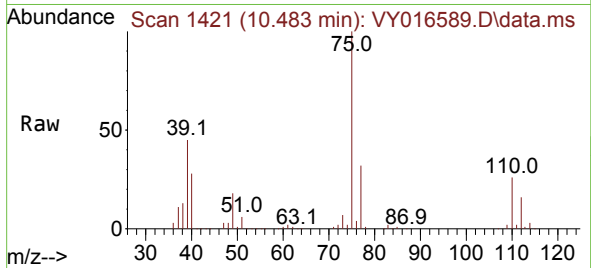




#53
 t-1,3-Dichloropropene
 Concen: 51.060 ug/l
 RT: 10.483 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

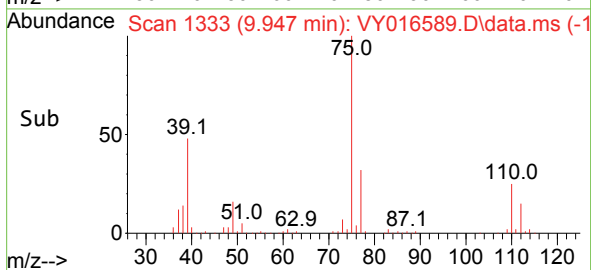
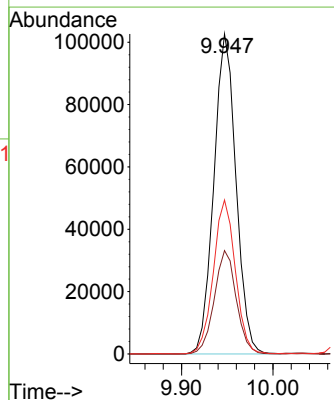
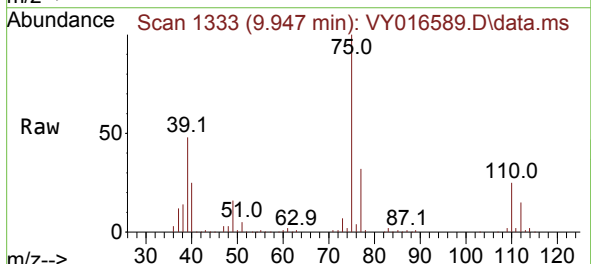
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

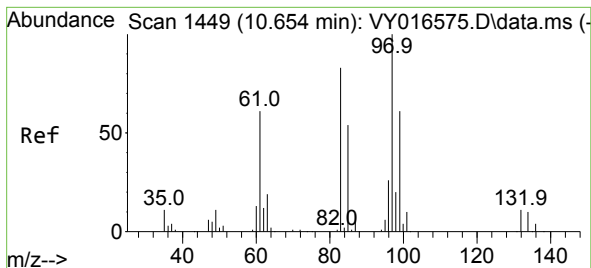
Tgt Ion: 75 Resp: 145962
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 51.516 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016589.D
 Acq: 05 Dec 2023 10:57

Tgt Ion: 75 Resp: 172954
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.2 36.4
 39 48.0 42.2 63.4

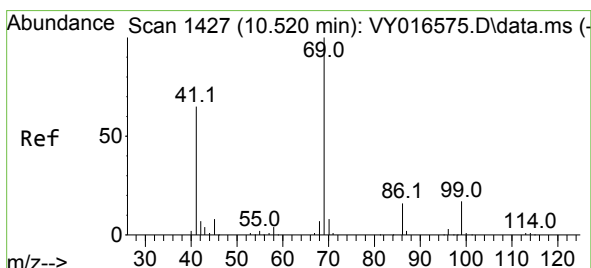
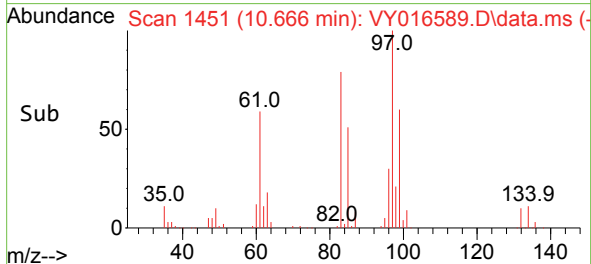
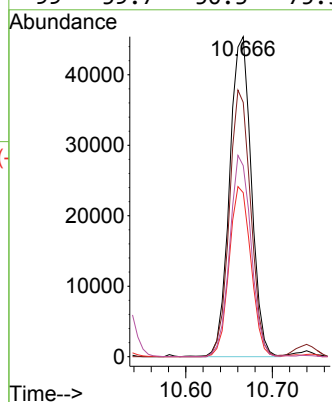
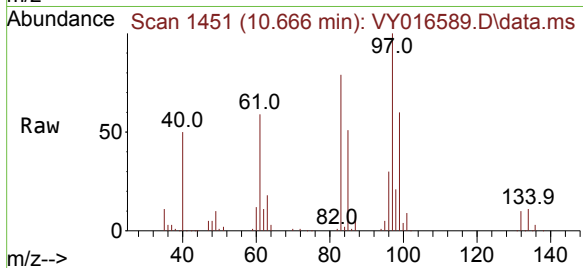




#55
1,1,2-Trichloroethane
Concen: 50.039 ug/l
RT: 10.666 min Scan# 1449
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

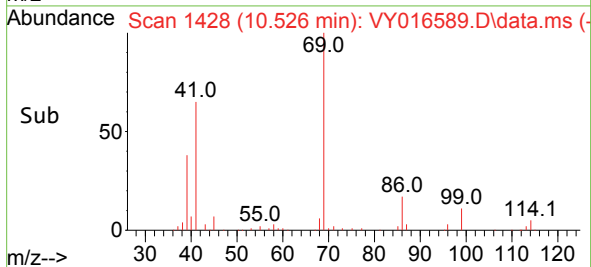
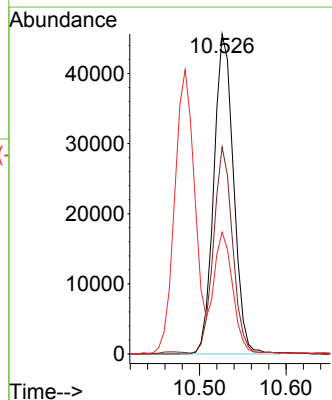
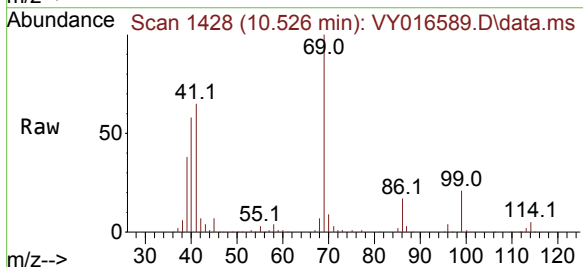
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

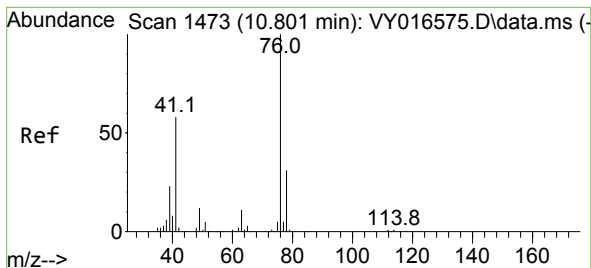
Tgt Ion:	97	Resp:	79305
Ion	Ratio	Lower	Upper
97	100		
83	79.5	72.0	108.0
85	51.3	45.4	68.0
99	59.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 49.699 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:	69	Resp:	72199
Ion	Ratio	Lower	Upper
69	100		
41	62.2	57.6	86.4
39	35.9	34.1	51.1





#57

1,3-Dichloropropane

Concen: 48.684 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

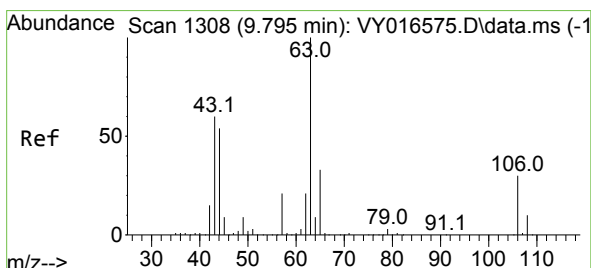
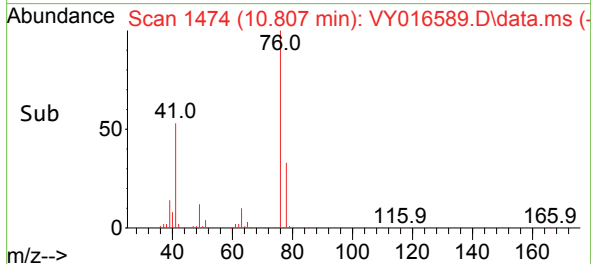
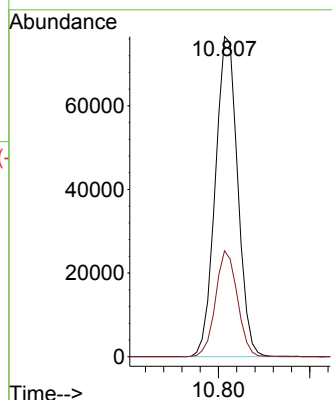
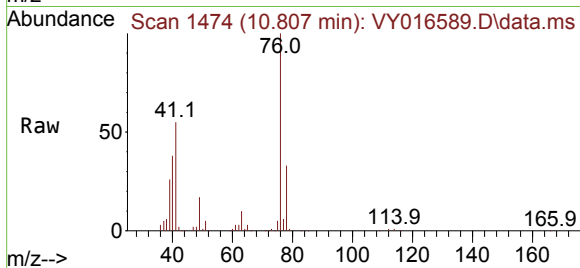
VSTDCCC050

Tgt Ion: 76 Resp: 130342

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 256.141 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016589.D

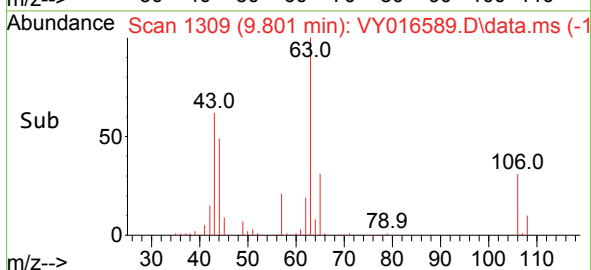
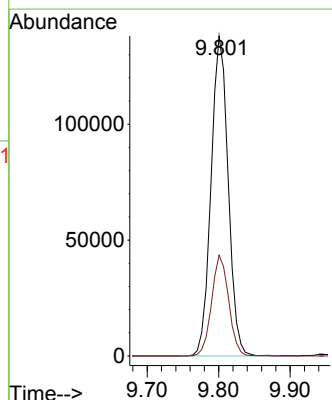
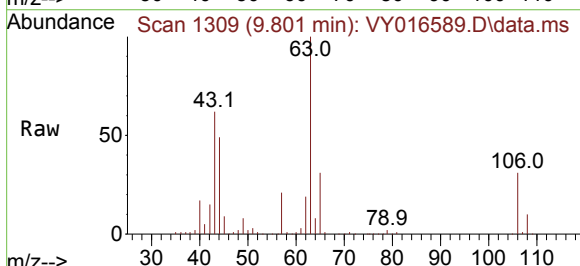
Acq: 05 Dec 2023 10:57

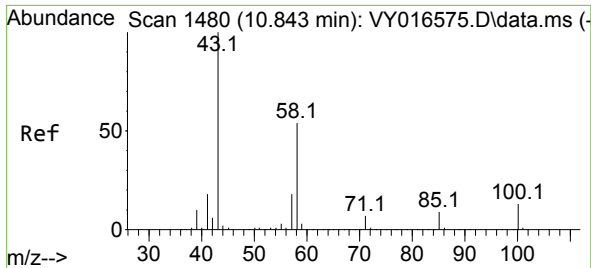
Tgt Ion: 63 Resp: 229314

Ion Ratio Lower Upper

63 100

106 31.3 21.2 31.8

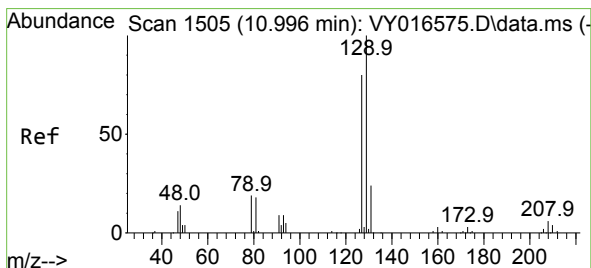
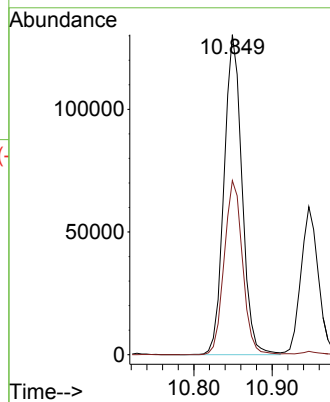
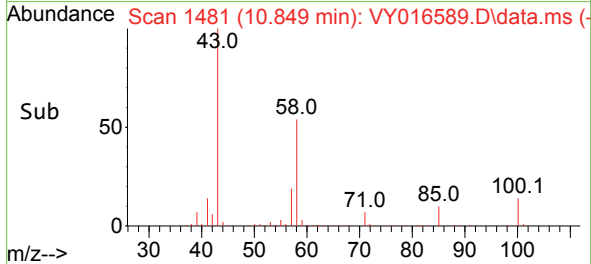
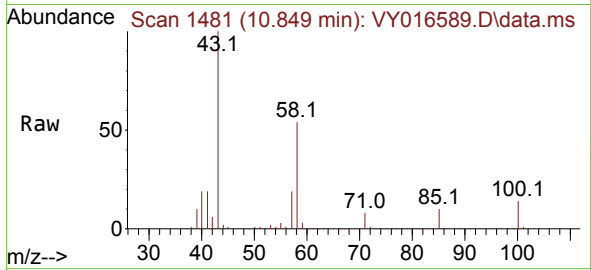




#59
2-Hexanone
Concen: 214.311 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

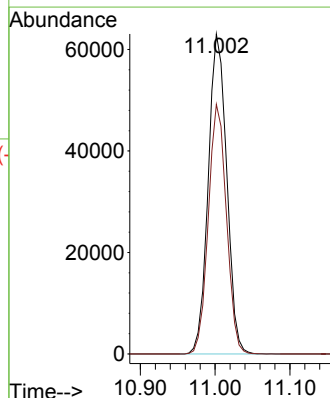
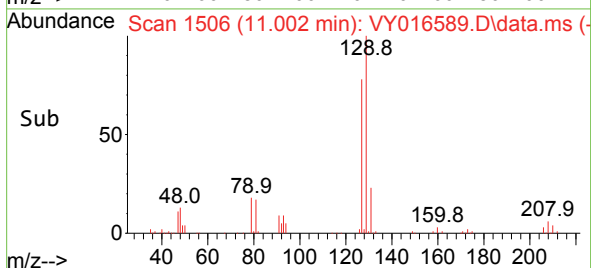
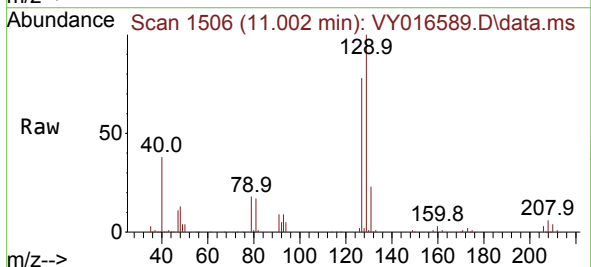
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

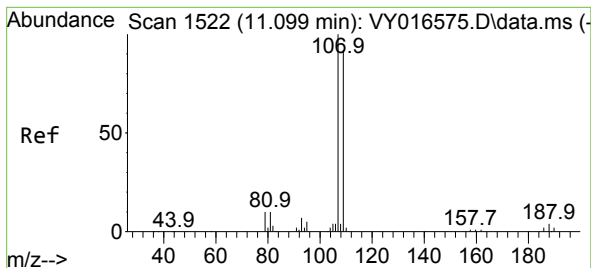
Tgt Ion: 43 Resp: 208001
Ion Ratio Lower Upper
43 100
58 55.6 25.1 75.3



#60
Dibromochloromethane
Concen: 50.990 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 129 Resp: 107975
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

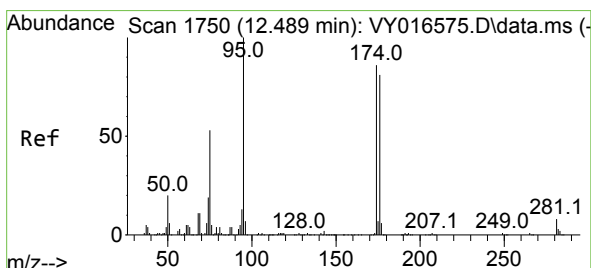
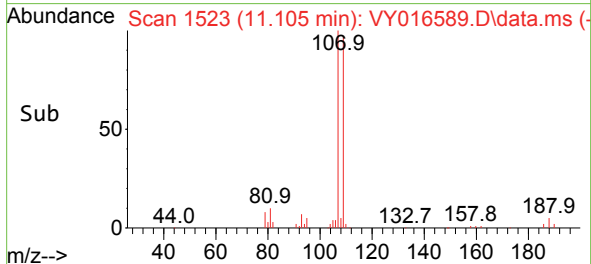
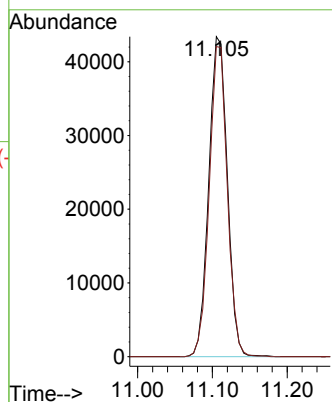
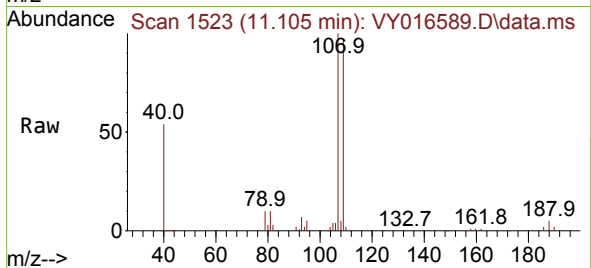




#61
1,2-Dibromoethane
Concen: 50.268 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

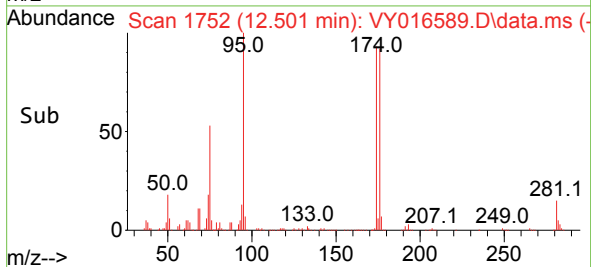
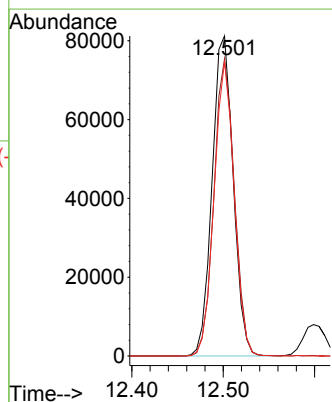
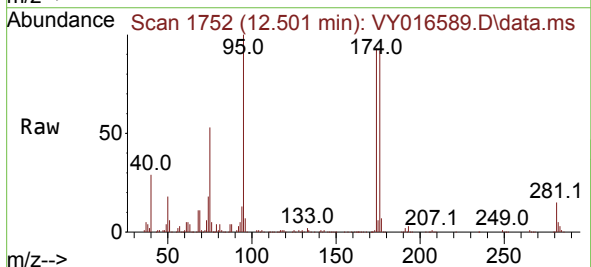
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

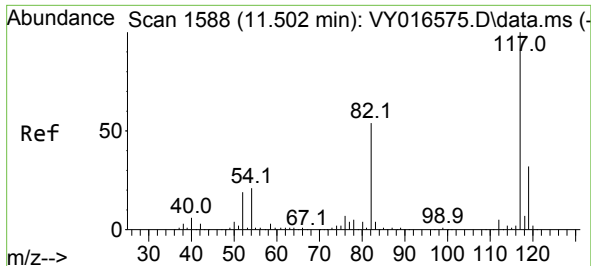
Tgt Ion:107 Resp: 74933
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.981 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 95 Resp: 130090
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 87.8 0.0 173.8

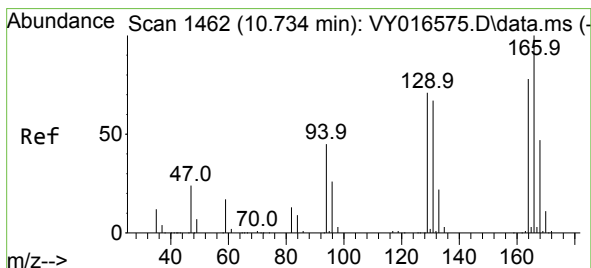
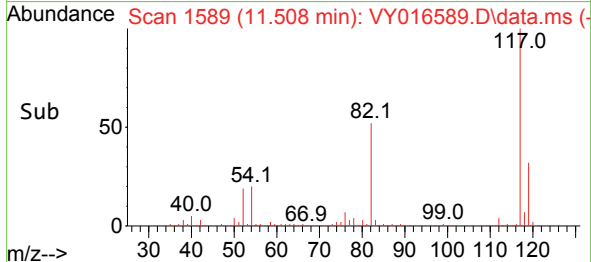
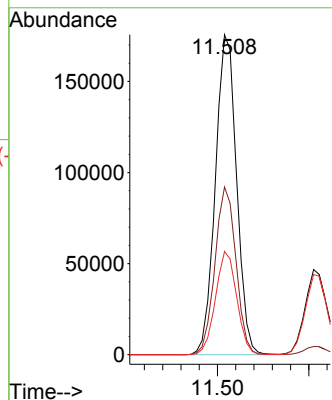
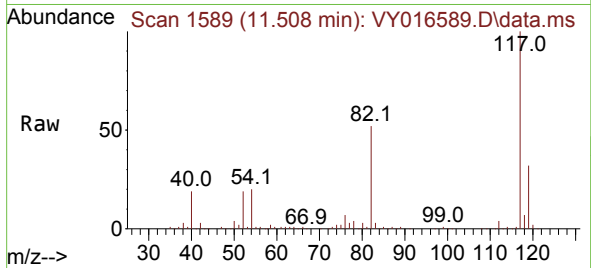




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

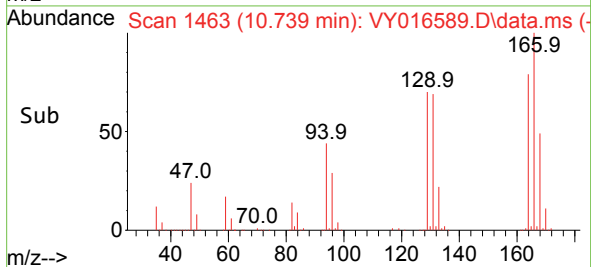
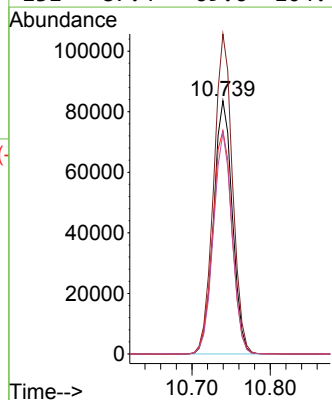
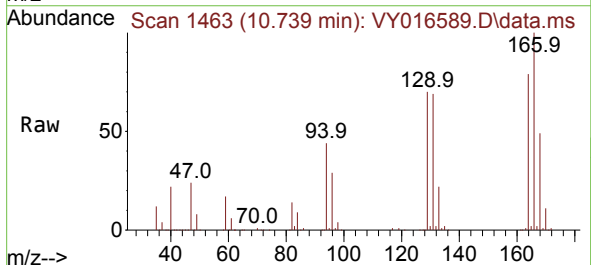
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

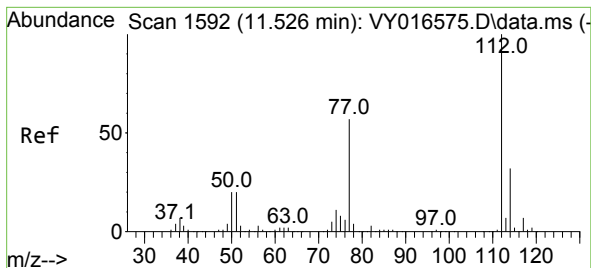
Tgt Ion:117 Resp: 283455
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 32.2 26.3 39.5



#64
Tetrachloroethene
Concen: 53.711 ug/l
RT: 10.739 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:164 Resp: 139530
Ion Ratio Lower Upper
164 100
166 126.3 103.0 154.6
129 88.2 77.2 115.8
131 87.4 69.6 104.4

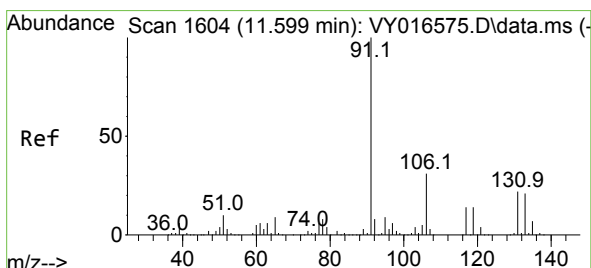
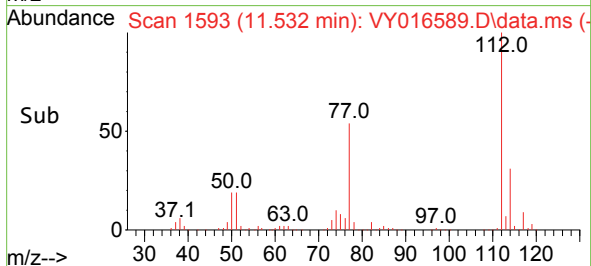
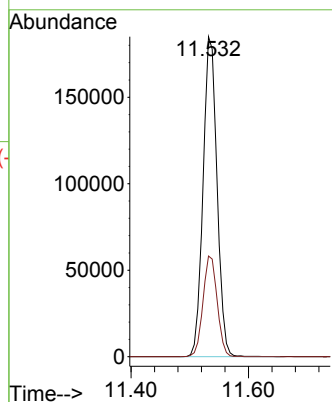
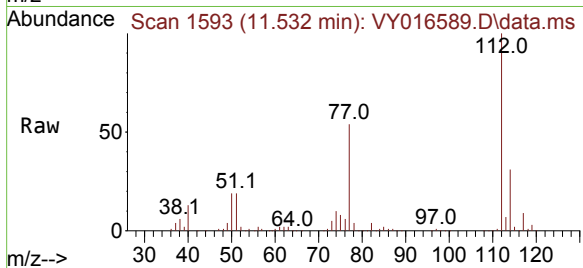




#65
Chlorobenzene
Concen: 53.141 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

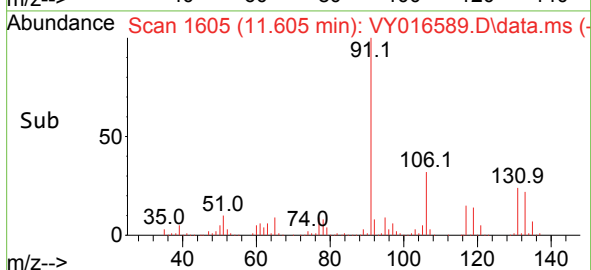
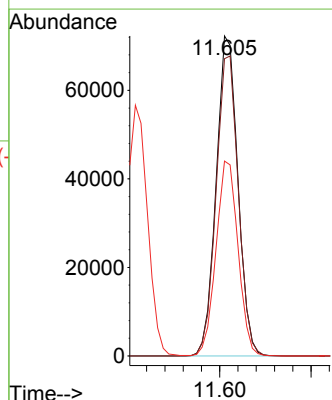
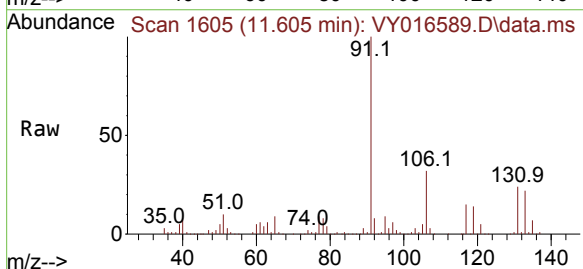
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

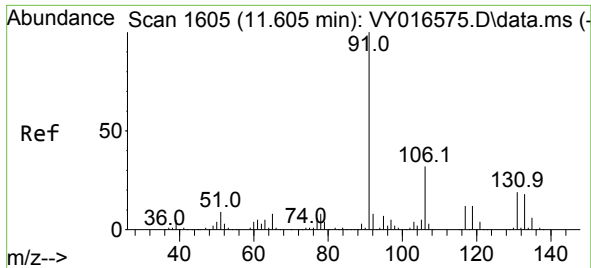
Tgt Ion:112 Resp: 305094
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.282 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:131 Resp: 119561
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.6
119 61.8 31.6 94.7

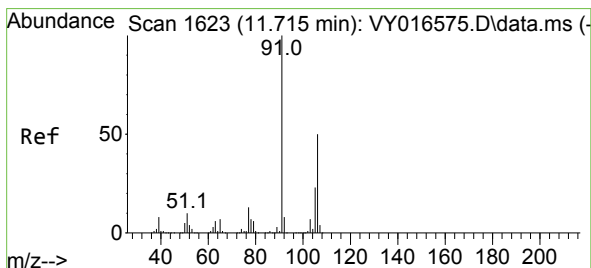
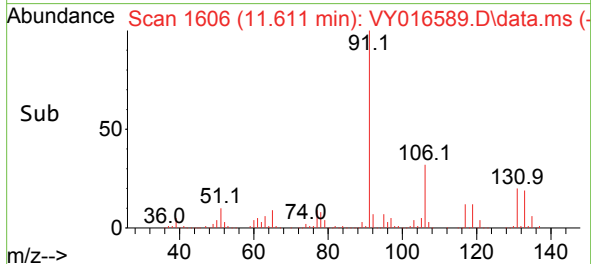
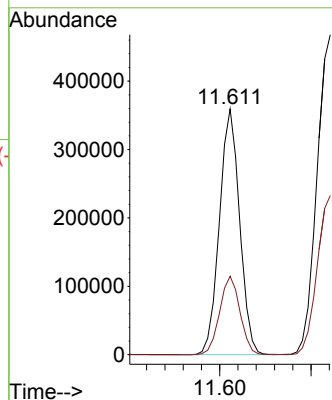
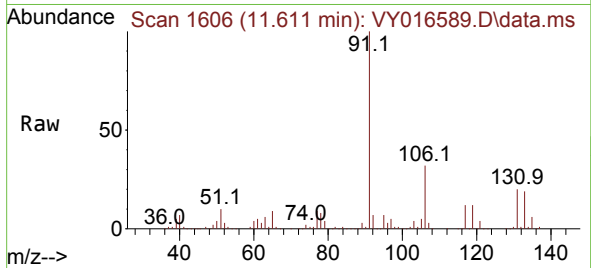




#67
Ethyl Benzene
Concen: 53.595 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

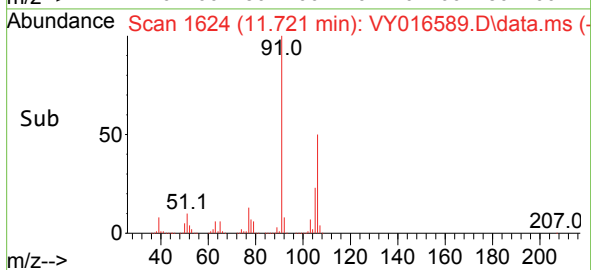
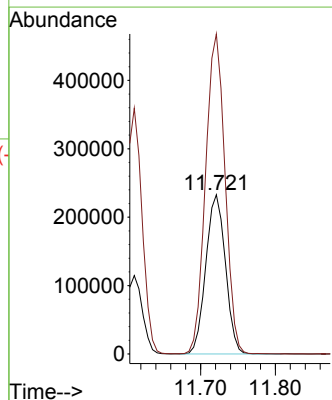
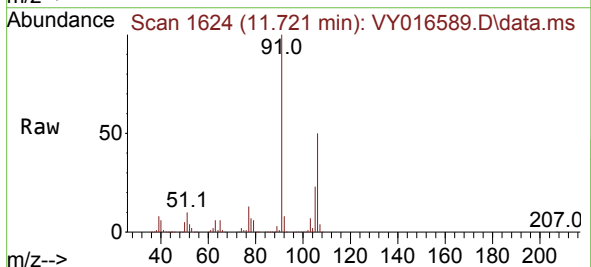
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

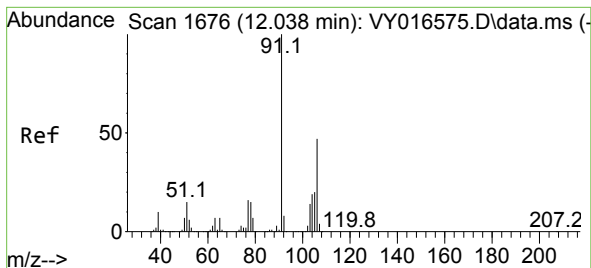
Tgt Ion: 91 Resp: 551838
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8



#68
m/p-Xylenes
Concen: 108.423 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion:106 Resp: 423798
Ion Ratio Lower Upper
106 100
91 199.7 166.1 249.1





#69

o-Xylene

Concen: 54.580 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

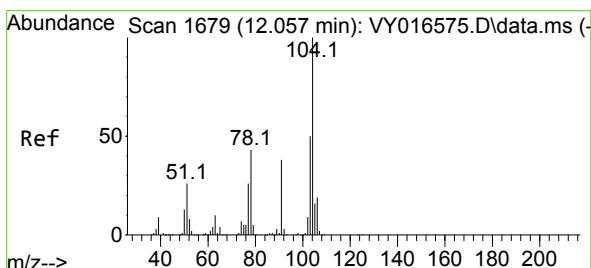
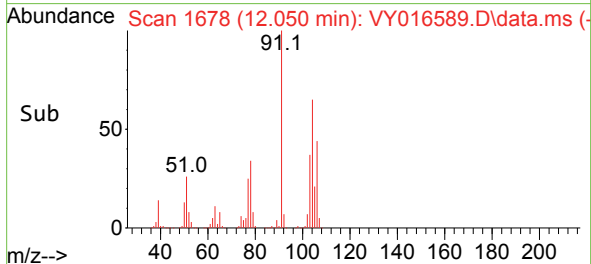
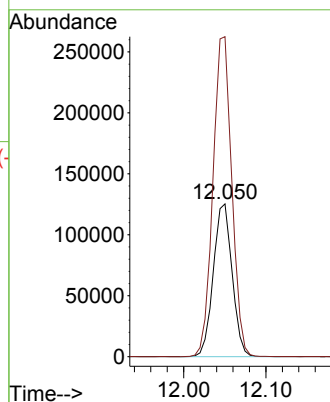
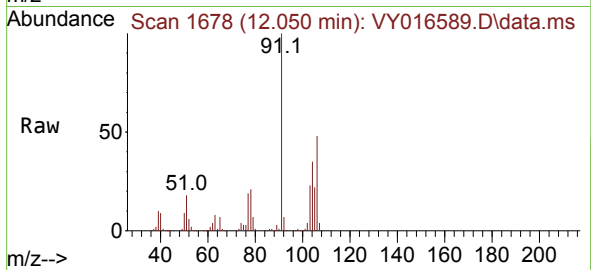
VSTDCCC050

Tgt Ion:106 Resp: 199159

Ion Ratio Lower Upper

106 100

91 209.9 108.1 324.3



#70

Styrene

Concen: 54.467 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

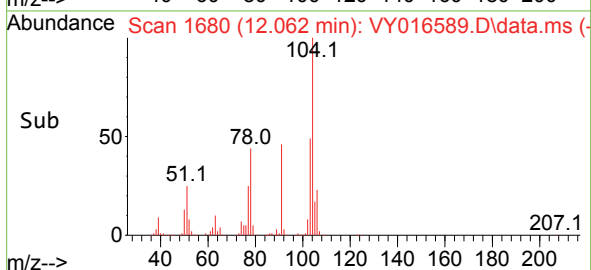
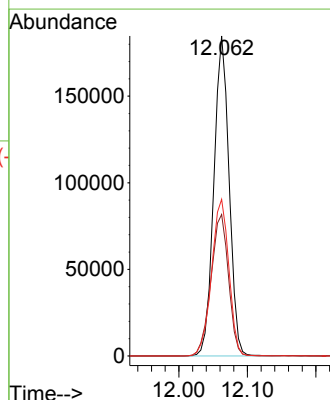
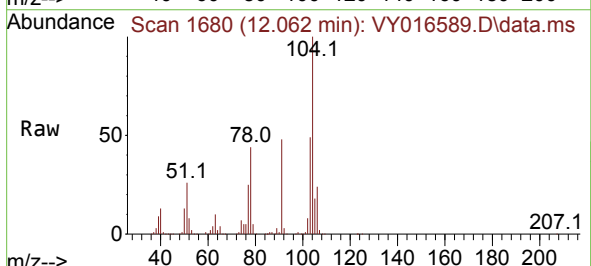
Tgt Ion:104 Resp: 285158

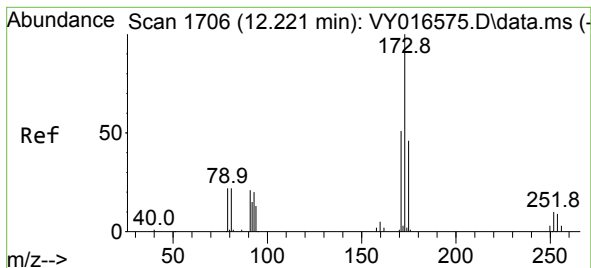
Ion Ratio Lower Upper

104 100

78 51.0 41.5 62.3

103 55.4 44.6 67.0





#71

Bromoform

Concen: 50.721 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

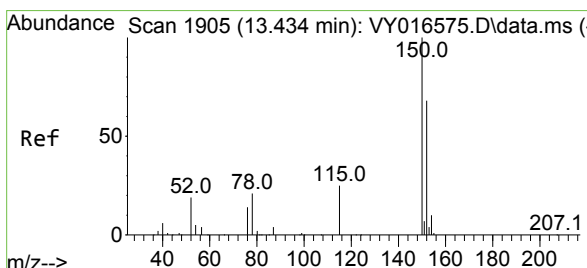
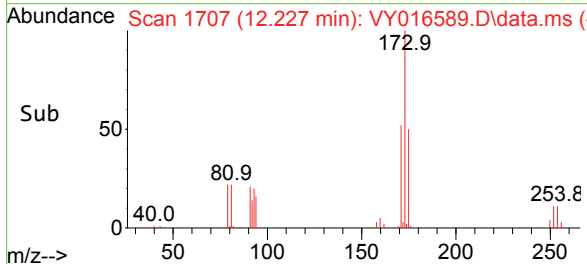
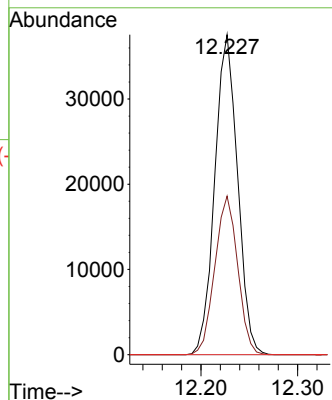
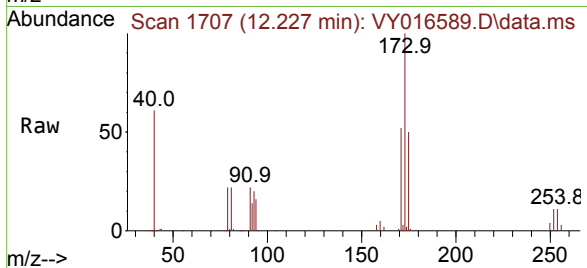
Tgt Ion:173 Resp: 61457

Ion Ratio Lower Upper

173 100

175 49.6 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

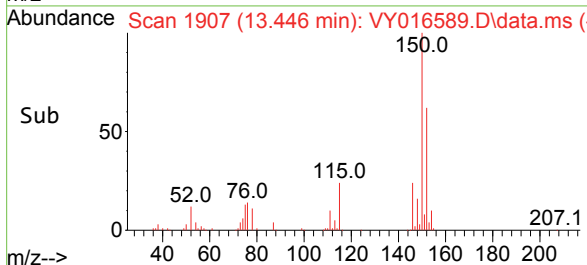
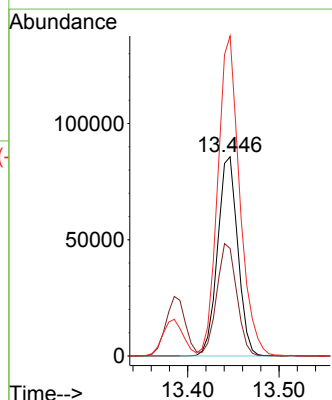
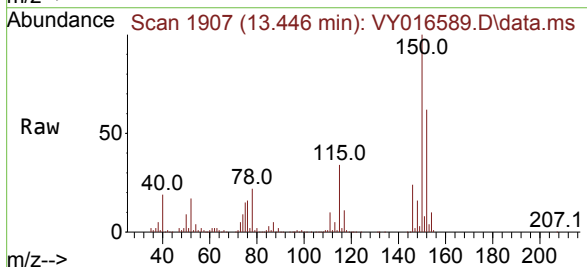
Tgt Ion:152 Resp: 131666

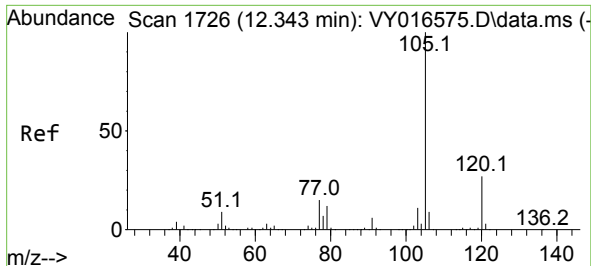
Ion Ratio Lower Upper

152 100

115 56.0 28.8 86.5

150 174.4 0.0 348.8

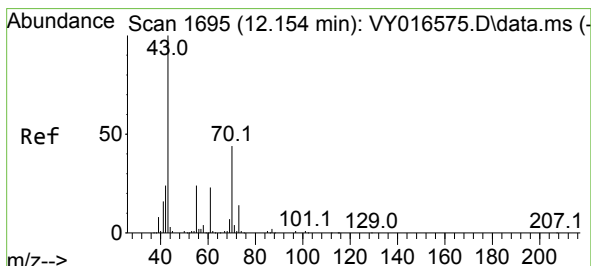
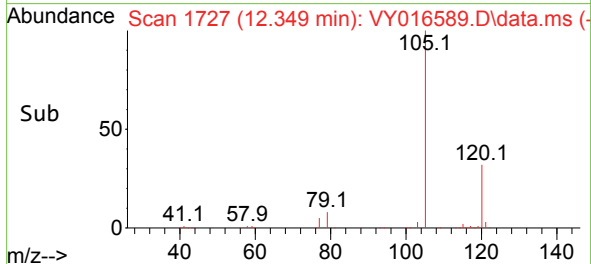
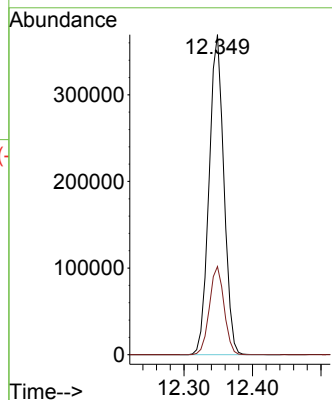
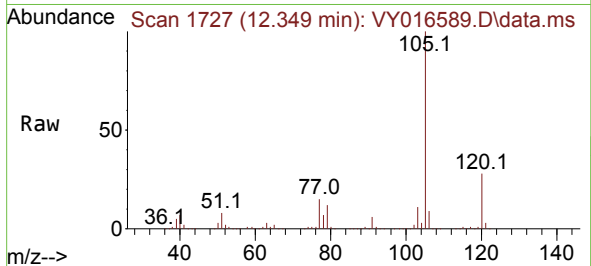




#73
Isopropylbenzene
Concen: 56.861 ug/l
RT: 12.349 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

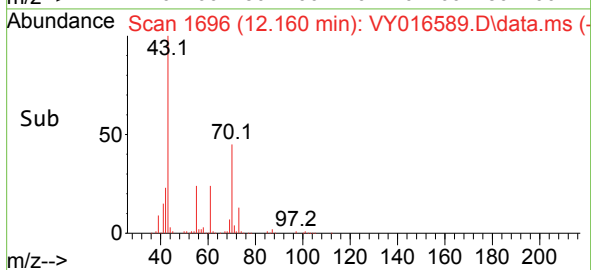
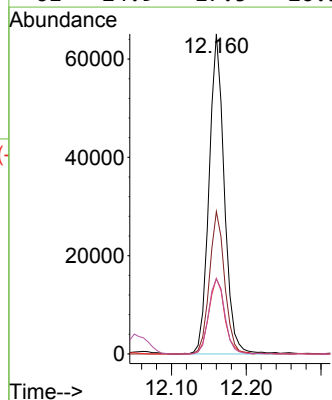
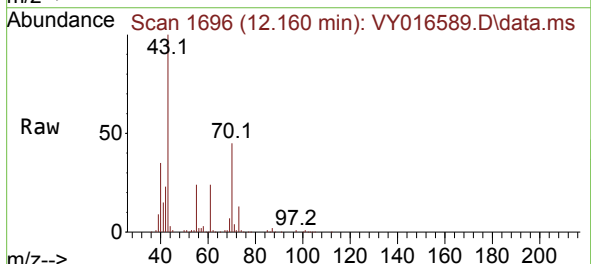
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

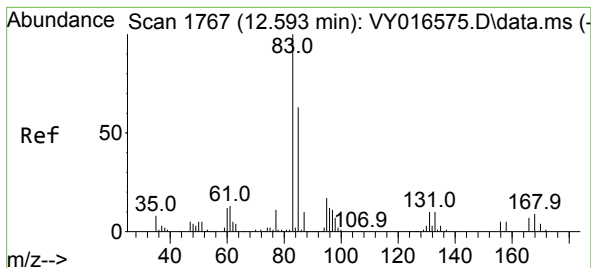
Tgt Ion:105 Resp: 554369
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 47.409 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 43 Resp: 92166
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 24.6 18.3 27.5
61 24.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 49.275 ug/l

RT: 12.599 min Scan# 1767

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

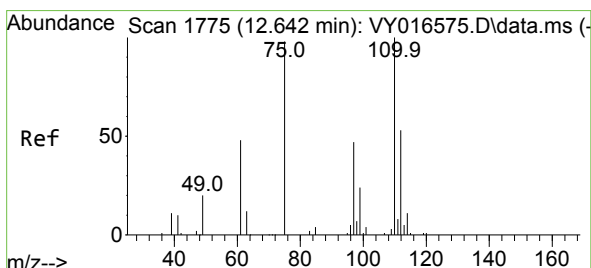
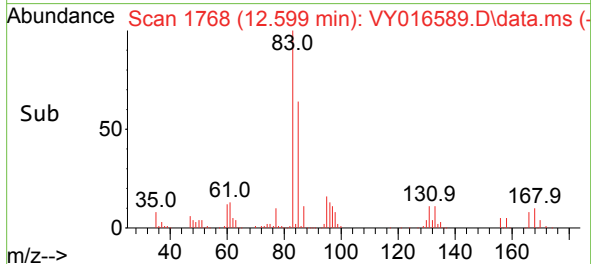
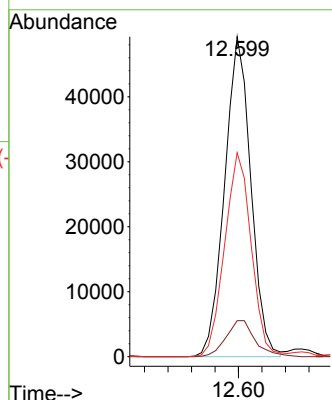
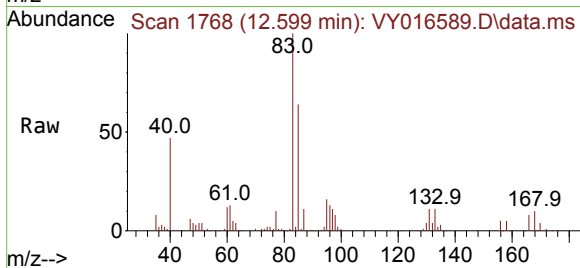
Tgt Ion: 83 Resp: 76410

Ion Ratio Lower Upper

83 100

131 12.5 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 88.471 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016589.D

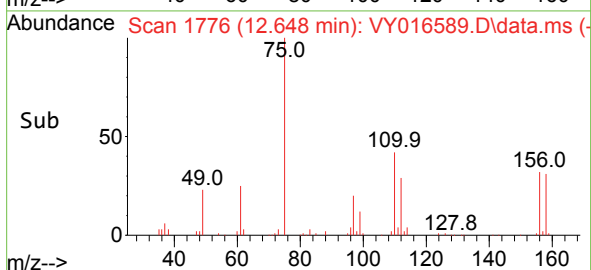
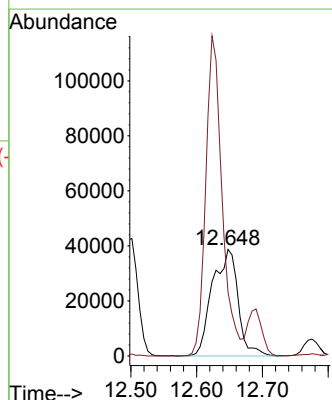
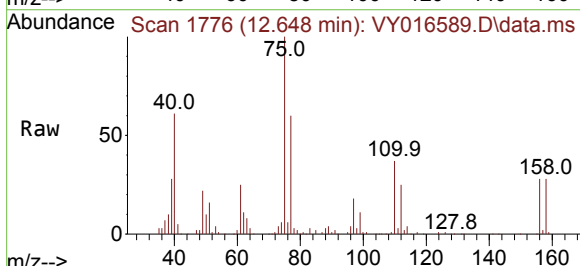
Acq: 05 Dec 2023 10:57

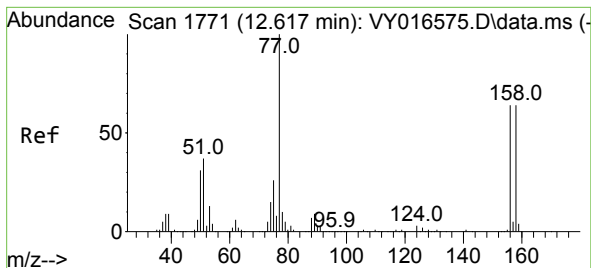
Tgt Ion: 75 Resp: 105225

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.250 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

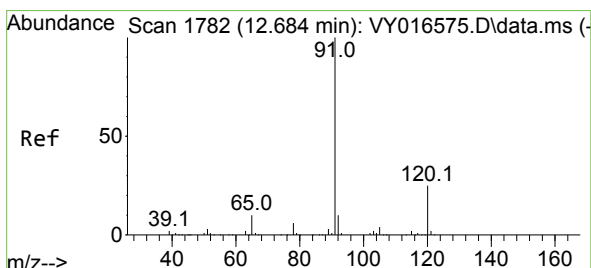
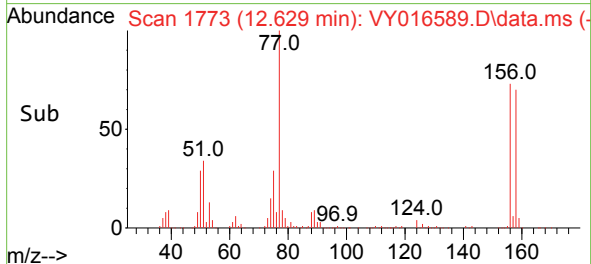
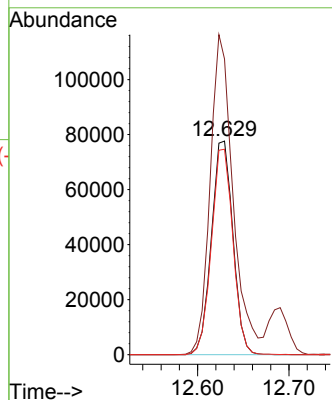
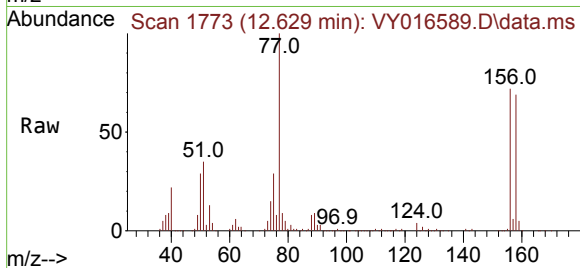
Tgt Ion:156 Resp: 126952

Ion Ratio Lower Upper

156 100

77 158.3 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 55.666 ug/l

RT: 12.690 min Scan# 1783

Delta R.T. 0.006 min

Lab File: VY016589.D

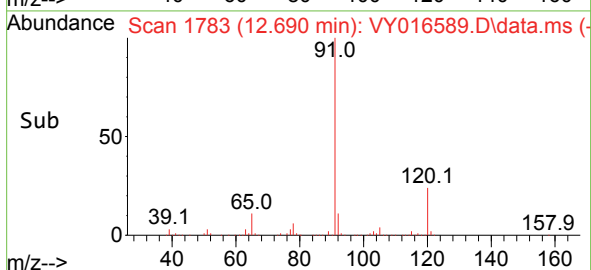
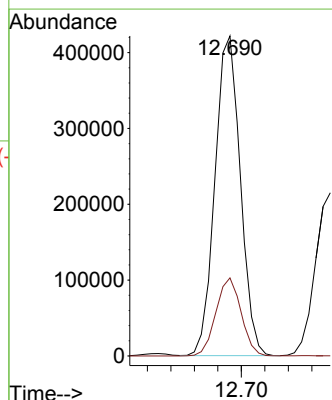
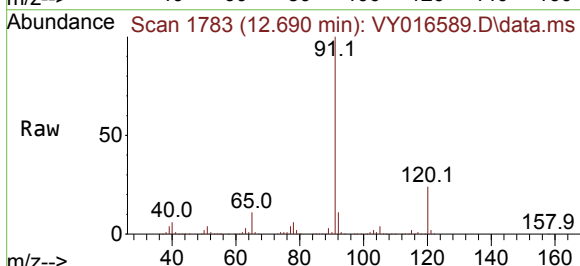
Acq: 05 Dec 2023 10:57

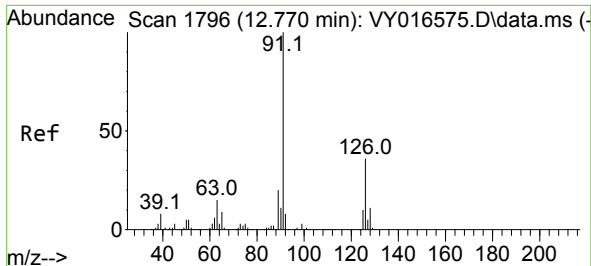
Tgt Ion: 91 Resp: 631687

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

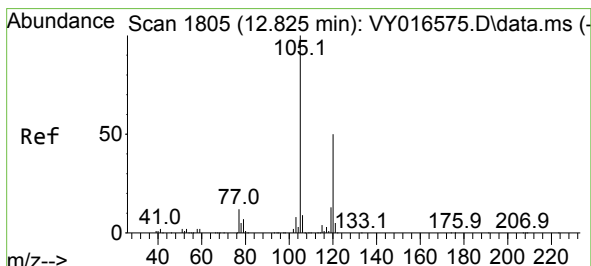
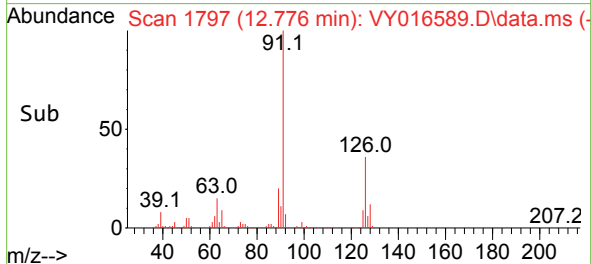
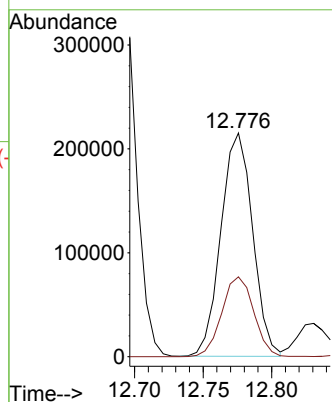
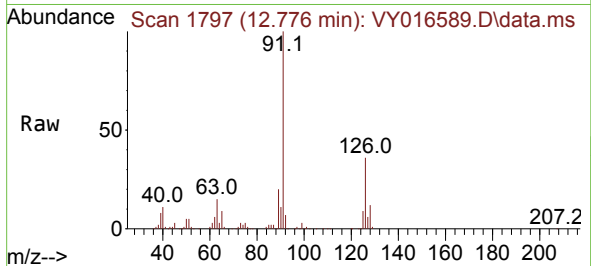




#79
2-Chlorotoluene
Concen: 54.146 ug/l
RT: 12.776 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

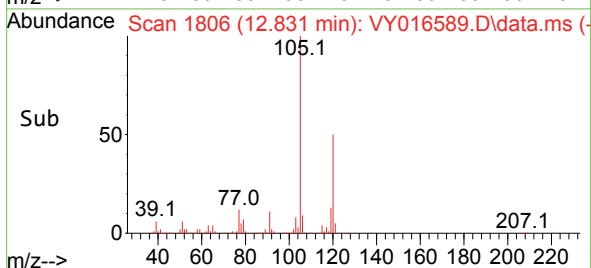
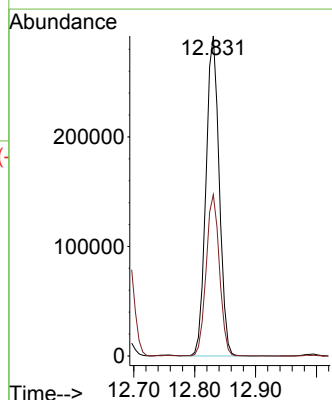
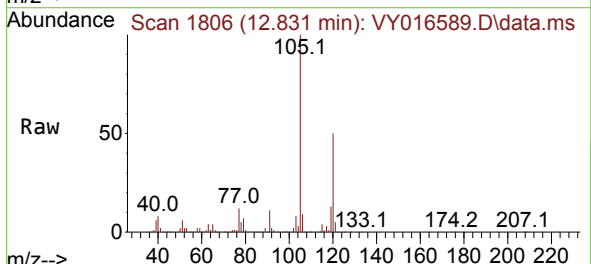
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

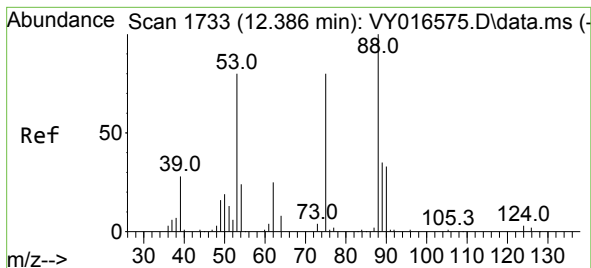
Tgt Ion: 91 Resp: 346236
Ion Ratio Lower Upper
91 100
126 36.1 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 55.793 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 105 Resp: 441998
Ion Ratio Lower Upper
105 100
120 50.5 23.9 71.7

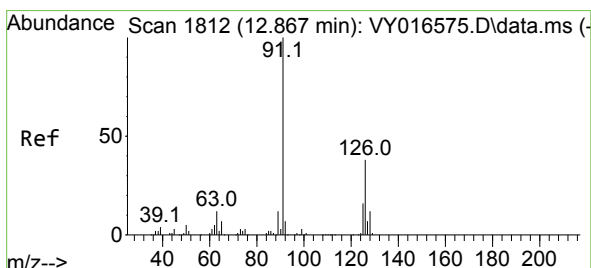
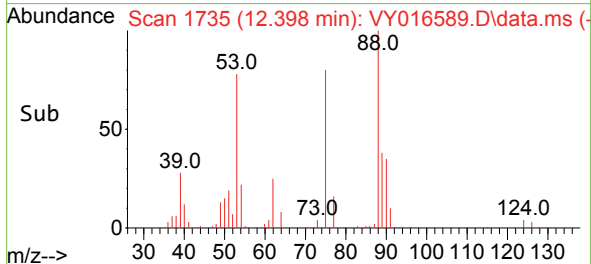
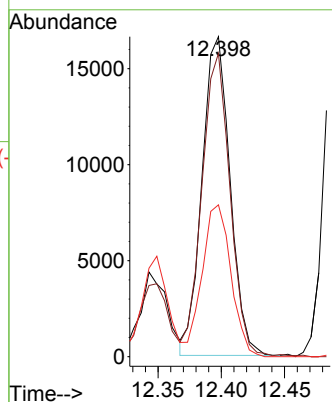
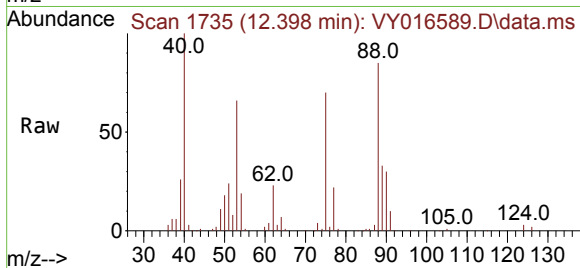




#81
trans-1,4-Dichloro-2-butene
Concen: 48.558 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

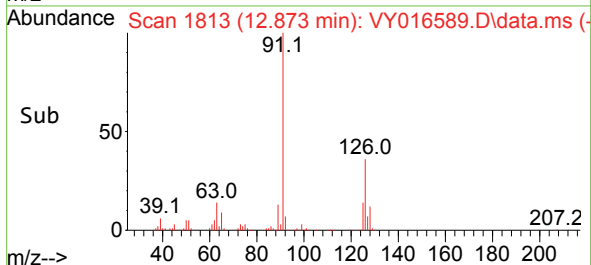
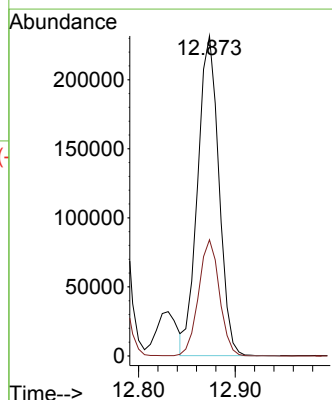
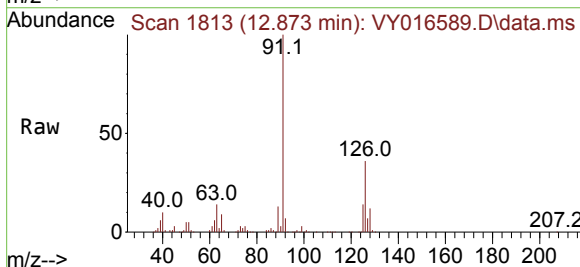
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

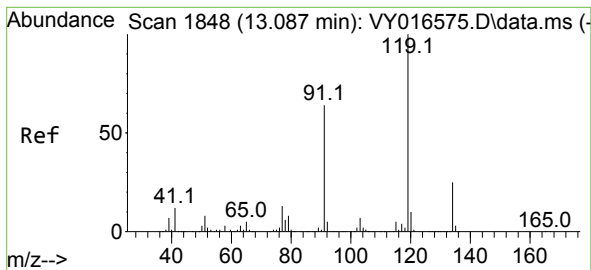
Tgt Ion: 75 Resp: 25602
Ion Ratio Lower Upper
75 100
53 95.8 77.8 116.8
89 49.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 53.284 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.006 min
Lab File: VY016589.D
Acq: 05 Dec 2023 10:57

Tgt Ion: 91 Resp: 352566
Ion Ratio Lower Upper
91 100
126 35.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 56.852 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

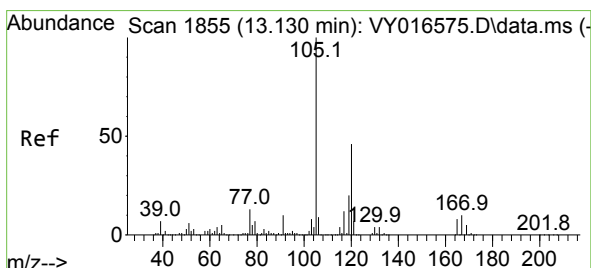
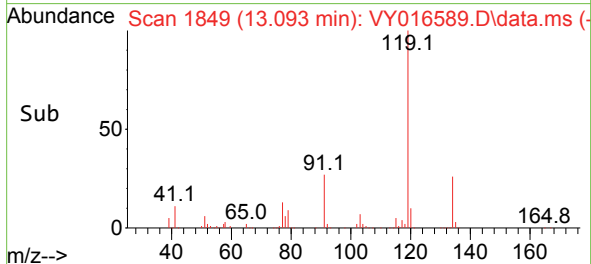
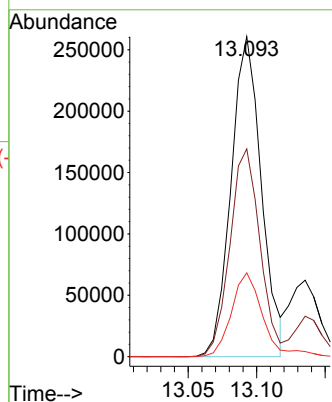
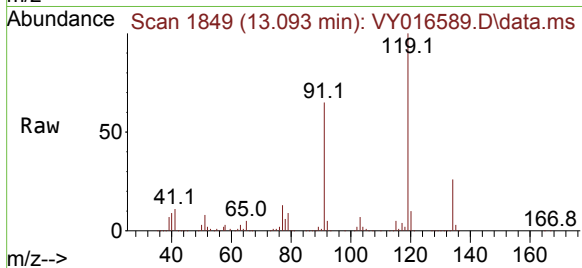
Tgt Ion:119 Resp: 402404

Ion Ratio Lower Upper

119 100

91 64.3 32.9 98.6

134 27.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 56.013 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016589.D

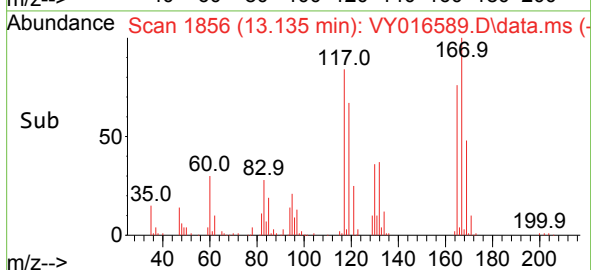
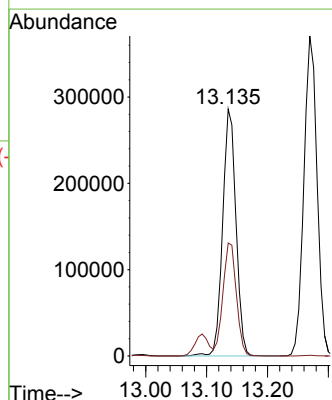
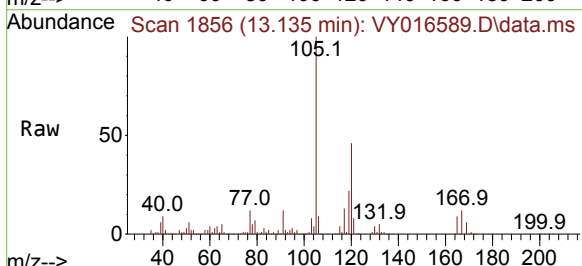
Acq: 05 Dec 2023 10:57

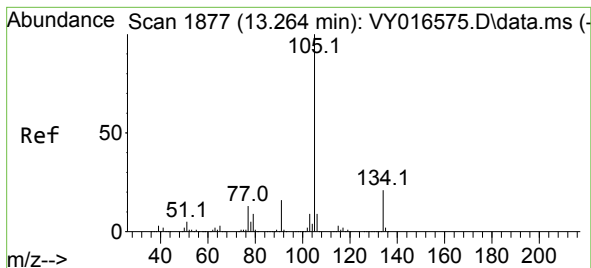
Tgt Ion:105 Resp: 433432

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 55.962 ug/l

RT: 13.270 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

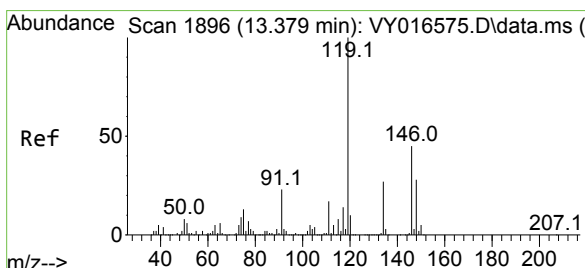
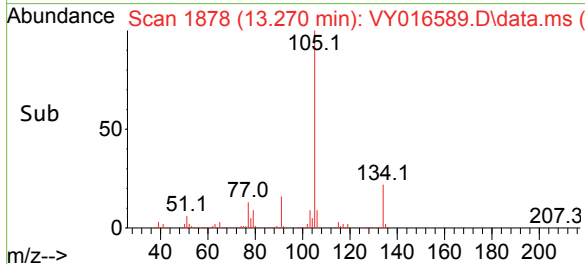
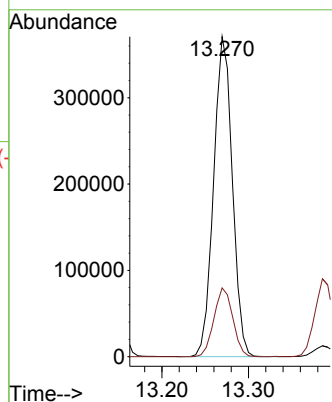
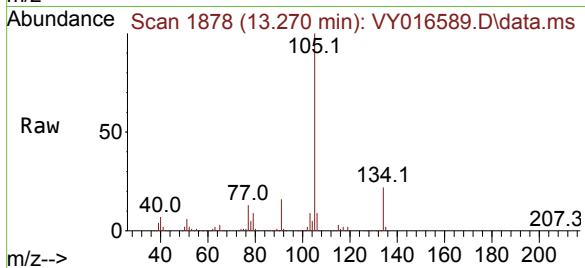
VSTDCCC050

Tgt Ion:105 Resp: 556326

Ion Ratio Lower Upper

105 100

134 21.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 56.966 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

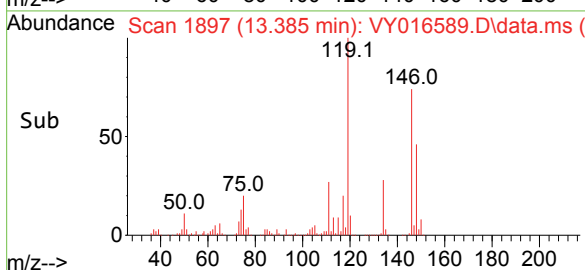
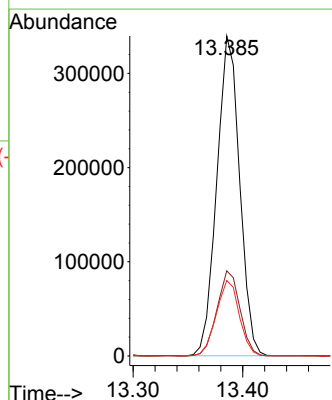
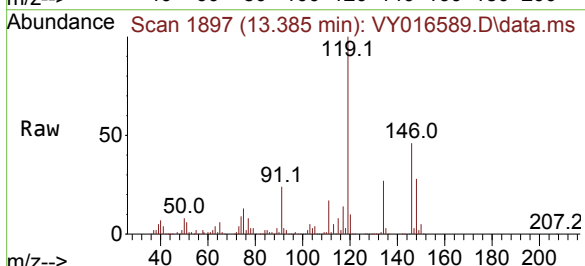
Tgt Ion:119 Resp: 491585

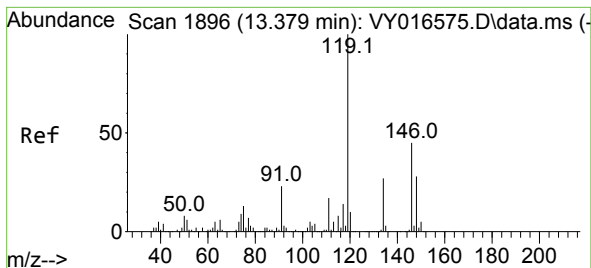
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 23.7 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 53.970 ug/l

RT: 13.385 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

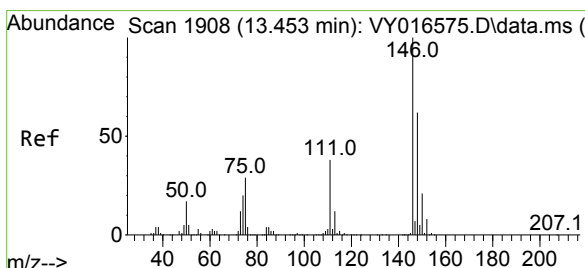
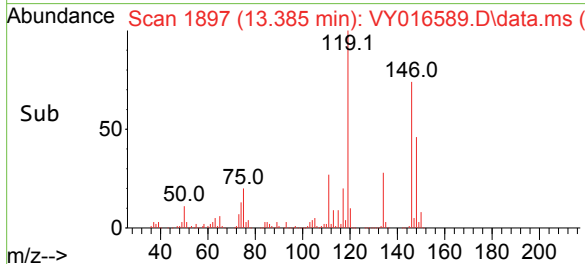
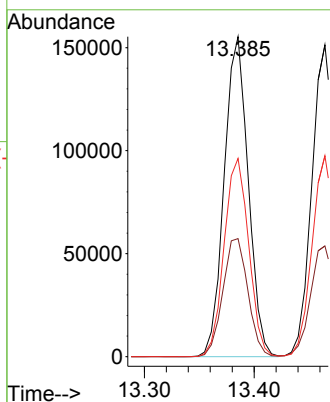
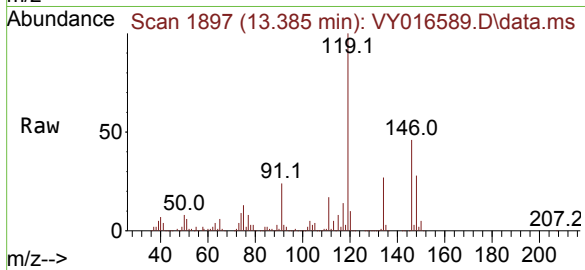
Tgt Ion:146 Resp: 236727

Ion Ratio Lower Upper

146 100

111 38.6 19.4 58.2

148 63.3 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 53.656 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

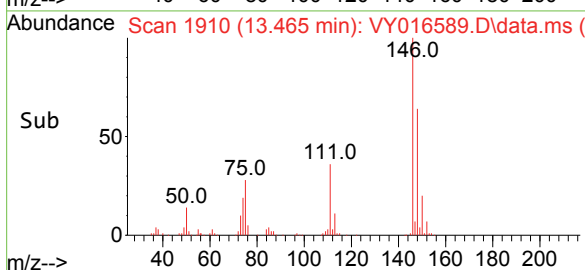
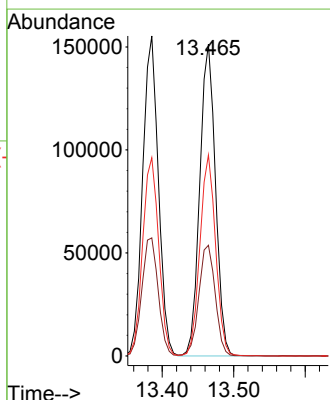
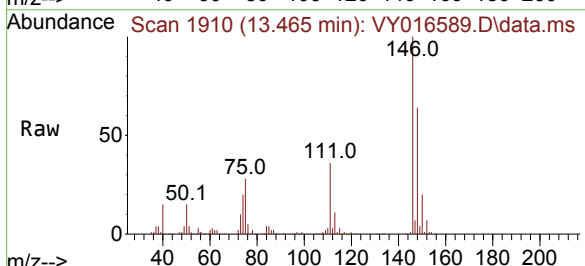
Tgt Ion:146 Resp: 230972

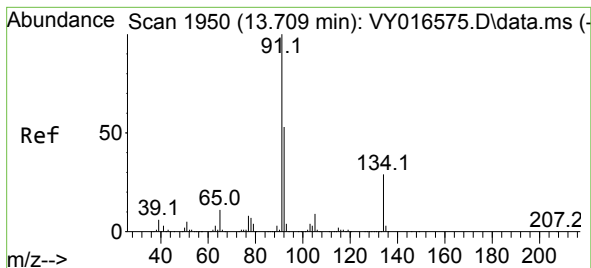
Ion Ratio Lower Upper

146 100

111 36.9 18.9 56.7

148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 55.766 ug/l

RT: 13.715 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

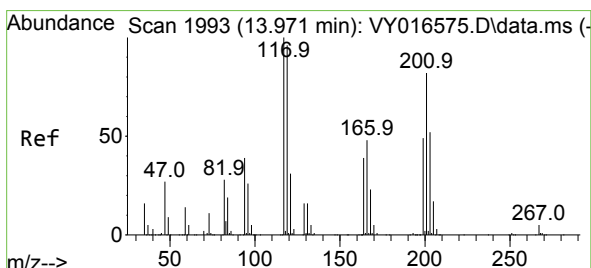
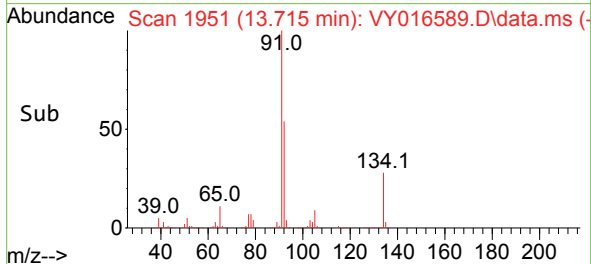
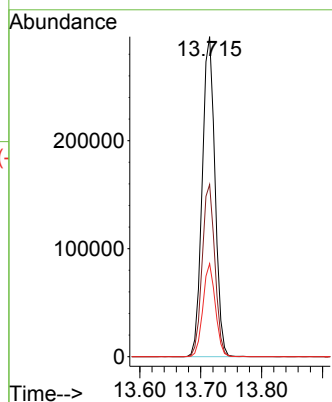
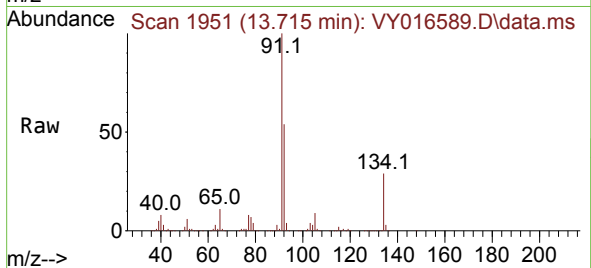
Tgt Ion: 91 Resp: 432775

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 28.3 12.6 37.6



#90

Hexachloroethane

Concen: 54.034 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016589.D

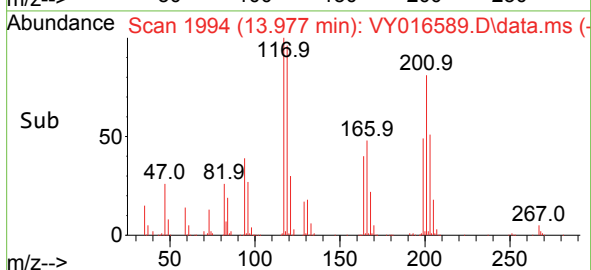
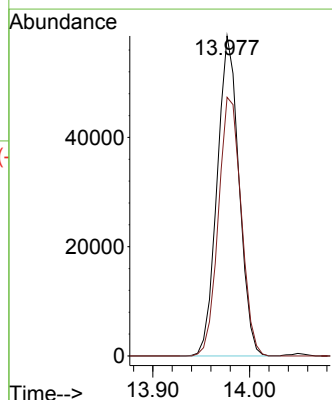
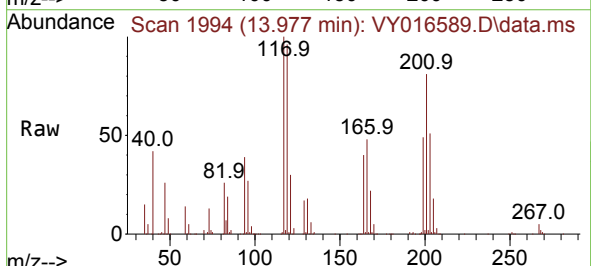
Acq: 05 Dec 2023 10:57

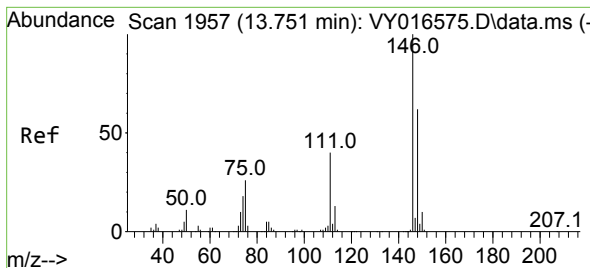
Tgt Ion: 117 Resp: 91747

Ion Ratio Lower Upper

117 100

201 84.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.781 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

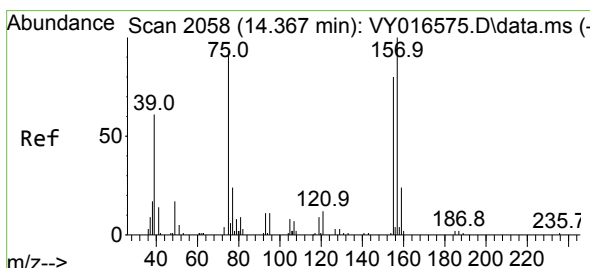
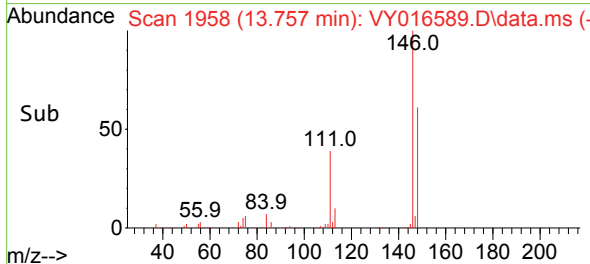
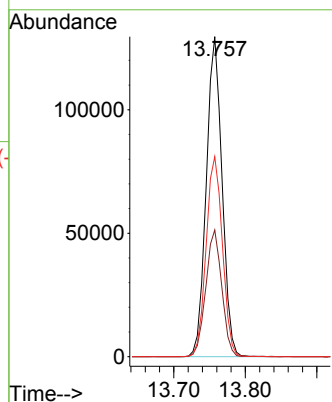
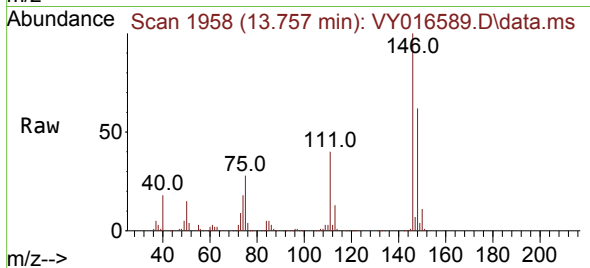
Tgt Ion:146 Resp: 198767

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 64.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.127 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

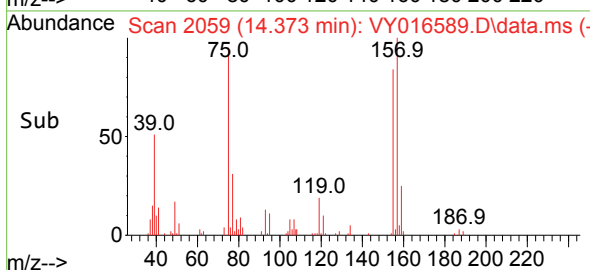
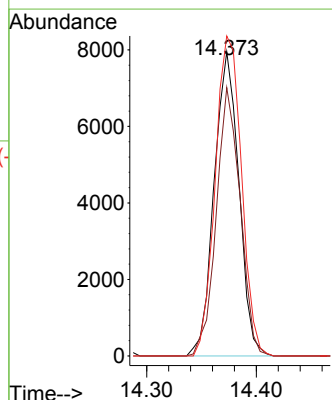
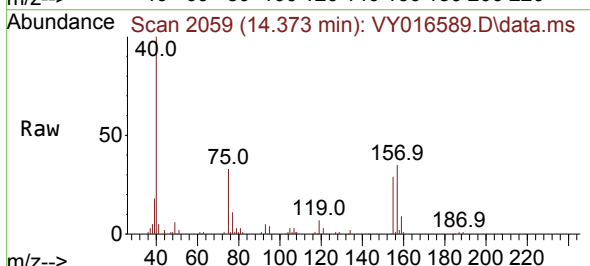
Tgt Ion: 75 Resp: 12439

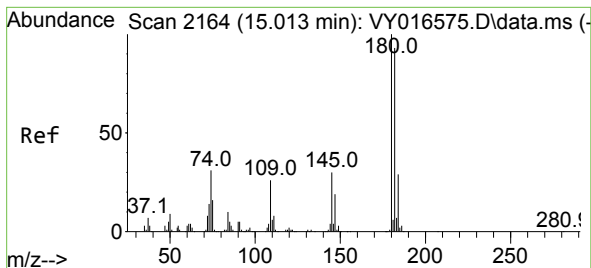
Ion Ratio Lower Upper

75 100

155 85.4 41.5 124.6

157 112.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 54.044 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

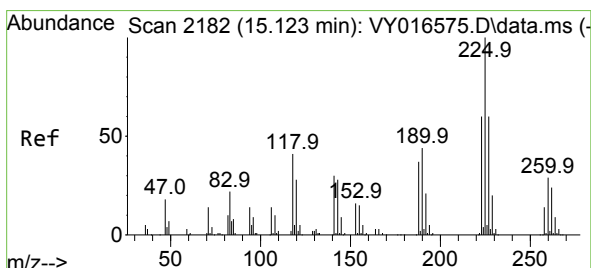
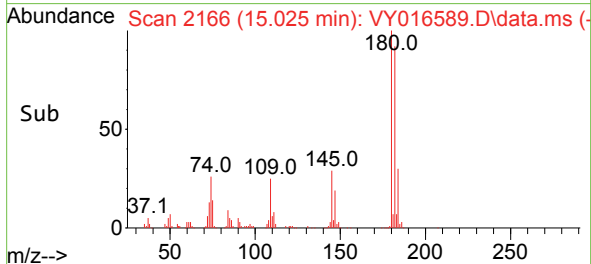
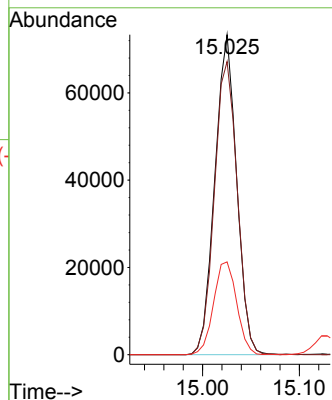
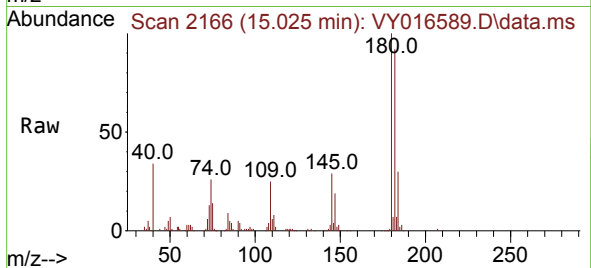
Tgt Ion:180 Resp: 114846

Ion Ratio Lower Upper

180 100

182 96.2 47.0 141.2

145 30.8 14.5 43.5



#94

Hexachlorobutadiene

Concen: 55.546 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

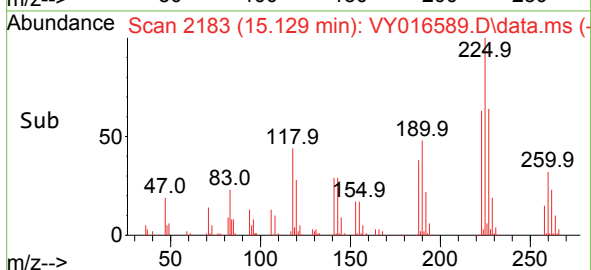
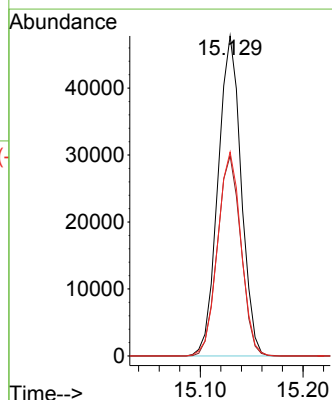
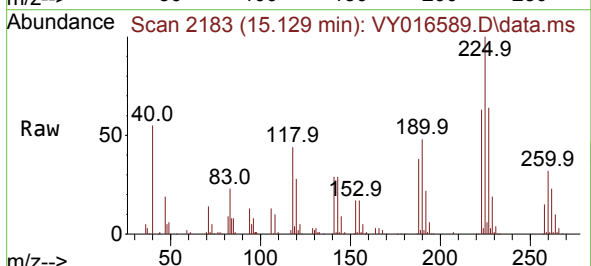
Tgt Ion:225 Resp: 74576

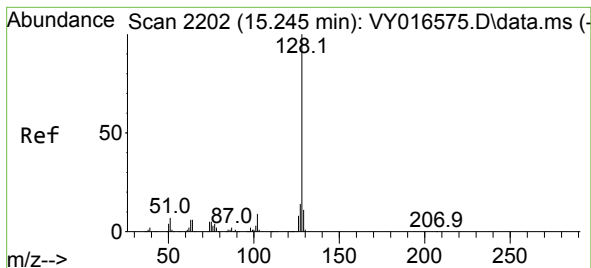
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 53.520 ug/l

RT: 15.257 min Scan# 2202

Delta R.T. 0.012 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

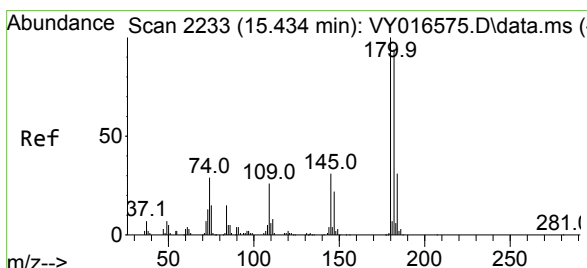
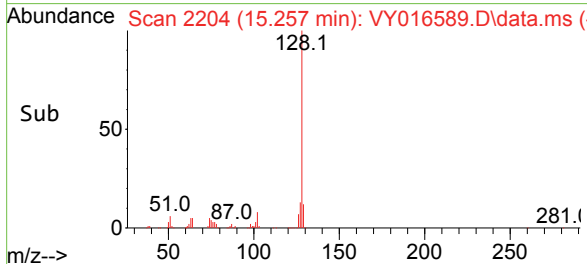
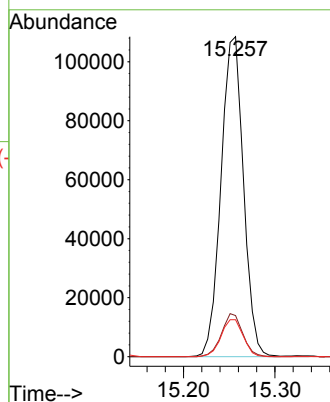
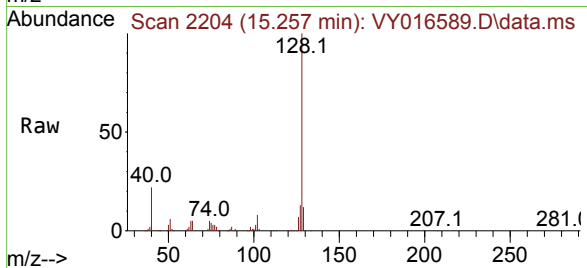
Tgt Ion:128 Resp: 185472

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 11.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 54.264 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016589.D

Acq: 05 Dec 2023 10:57

Tgt Ion:180 Resp: 90883

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.8

145 32.2 15.4 46.2

