

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016593.D
 Acq On : 05 Dec 2023 13:32
 Operator : SY/MD
 Sample : VY1205SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

Quant Time: Dec 06 02:23:29 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	200217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	293947	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	249932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.441	152	121054	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	100909	54.529	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.060%	
35) Dibromofluoromethane	7.740	113	101365	57.301	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.600%	
50) Toluene-d8	10.197	98	380578	56.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.760%	
62) 4-Bromofluorobenzene	12.496	95	127261	57.834	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 115.660%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	44788	25.324	ug/l	95
3) Chloromethane	2.125	50	36129	19.692	ug/l	94
4) Vinyl Chloride	2.266	62	36991	19.965	ug/l	97
5) Bromomethane	2.668	94	23795	20.502	ug/l	99
6) Chloroethane	2.808	64	23343	20.396	ug/l	96
7) Trichlorofluoromethane	3.144	101	82671	23.603	ug/l	98
8) Diethyl Ether	3.546	74	20444	20.957	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.918	101	43937	22.431	ug/l	97
10) Methyl Iodide	4.119	142	48694	23.529	ug/l	100
11) Tert butyl alcohol	4.979	59	12417	98.481	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	40351	22.678	ug/l	91
13) Acrolein	3.747	56	17041	92.965	ug/l	99
14) Allyl chloride	4.509	41	55975	20.614	ug/l #	92
15) Acrylonitrile	5.186	53	39417	100.112	ug/l	98
16) Acetone	3.967	43	52868	126.249	ug/l	93
17) Carbon Disulfide	4.223	76	105018	21.052	ug/l	100
18) Methyl Acetate	4.503	43	30230	18.212	ug/l	94
19) Methyl tert-butyl Ether	5.247	73	94327	21.566	ug/l	97
20) Methylene Chloride	4.747	84	47051	23.716	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	44437	22.208	ug/l	91
22) Diisopropyl ether	6.143	45	115396	20.663	ug/l #	90
23) Vinyl Acetate	6.088	43	278950	104.048	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	73830	21.519	ug/l	99
25) 2-Butanone	7.009	43	64070	111.266	ug/l	90
26) 2,2-Dichloropropane	7.009	77	75109	23.286	ug/l	100
27) cis-1,2-Dichloroethene	7.015	96	49398	22.428	ug/l	92
28) Bromochloromethane	7.356	49	25731	18.515	ug/l #	76
29) Tetrahydrofuran	7.375	42	31246	95.176	ug/l	91
30) Chloroform	7.533	83	80857	22.108	ug/l	97
31) Cyclohexane	7.807	56	64617	20.454	ug/l	87
32) 1,1,1-Trichloroethane	7.722	97	81426	23.525	ug/l	98
36) 1,1-Dichloropropene	7.941	75	61202	22.760	ug/l	98
37) Ethyl Acetate	7.094	43	23091	20.522	ug/l #	96
38) Carbon Tetrachloride	7.923	117	75235	24.168	ug/l	95
39) Methylcyclohexane	9.203	83	74326	22.941	ug/l	92
40) Benzene	8.179	78	169741	22.395	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	12056	18.552	ug/l	94
42) 1,2-Dichloroethane	8.258	62	49853	22.652	ug/l	96
43) Isopropyl Acetate	8.295	43	44389	20.450	ug/l #	89
44) Trichloroethene	8.960	130	52848	23.121	ug/l	93
45) 1,2-Dichloropropane	9.234	63	38846	21.288	ug/l	94
46) Dibromomethane	9.325	93	21113	21.105	ug/l	92
47) Bromodichloromethane	9.514	83	58856	22.100	ug/l #	94
48) Methyl methacrylate	9.313	41	25334	20.209	ug/l	91
49) 1,4-Dioxane	9.319	88	4193	414.108	ug/l #	52
51) 4-Methyl-2-Pentanone	10.087	43	114923	101.877	ug/l	93
52) Toluene	10.264	92	108518	22.844	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	56164	22.346	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	65401	22.156	ug/l	94
55) 1,1,2-Trichloroethane	10.661	97	30481	21.874	ug/l	99
56) Ethyl methacrylate	10.526	69	27683	21.673	ug/l	88
57) 1,3-Dichloropropane	10.807	76	51441	21.852	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	75832	96.337	ug/l	90
59) 2-Hexanone	10.850	43	97976	114.813	ug/l	92
60) Dibromochloromethane	11.002	129	42333	22.737	ug/l	99
61) 1,2-Dibromoethane	11.106	107	28960	22.096	ug/l	99
64) Tetrachloroethene	10.740	164	54235	23.678	ug/l	97
65) Chlorobenzene	11.532	112	117986	23.307	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	46649	23.577	ug/l	98
67) Ethyl Benzene	11.612	91	212961	23.457	ug/l	97
68) m/p-Xylenes	11.721	106	163963	47.574	ug/l	94
69) o-Xylene	12.044	106	76362	23.734	ug/l	95
70) Styrene	12.063	104	108120	23.422	ug/l	99
71) Bromoform	12.227	173	24554	22.983	ug/l #	100
73) Isopropylbenzene	12.349	105	214994	23.985	ug/l	99
74) N-amyl acetate	12.160	43	36299	20.309	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.599	83	30317	21.265	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	41888	38.306	ug/l #	100
77) Bromobenzene	12.624	156	49895	23.618	ug/l	87
78) n-propylbenzene	12.685	91	245488	23.530	ug/l	97
79) 2-Chlorotoluene	12.776	91	136164	23.160	ug/l	97
80) 1,3,5-Trimethylbenzene	12.831	105	172989	23.751	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10258	21.161	ug/l	97
82) 4-Chlorotoluene	12.867	91	142104	23.359	ug/l	100
83) tert-Butylbenzene	13.093	119	161087	24.754	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	167678	23.569	ug/l	97
85) sec-Butylbenzene	13.270	105	219245	23.988	ug/l	98
86) p-Isopropyltoluene	13.386	119	192279	24.235	ug/l	99
87) 1,3-Dichlorobenzene	13.380	146	92557	22.951	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	92437	23.356	ug/l	99
89) n-Butylbenzene	13.709	91	167748	23.510	ug/l	96
90) Hexachloroethane	13.977	117	35580	22.792	ug/l	95
91) 1,2-Dichlorobenzene	13.751	146	80706	23.310	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.373	75	4963	21.753	ug/l	90
93) 1,2,4-Trichlorobenzene	15.019	180	45960	23.524	ug/l	98
94) Hexachlorobutadiene	15.123	225	30618	24.804	ug/l	98
95) Naphthalene	15.251	128	70601	24.261	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35310	24.558	ug/l	98

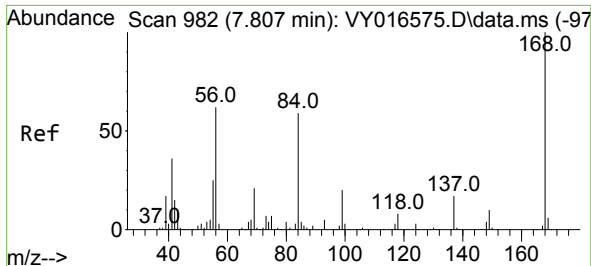
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016593.D
Acq On : 05 Dec 2023 13:32
Operator : SY/MD
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ClientSampleId :
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Response via : Initial Calibration

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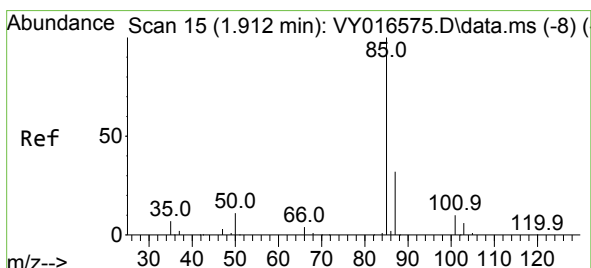
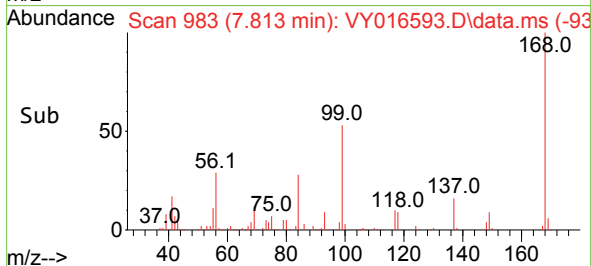
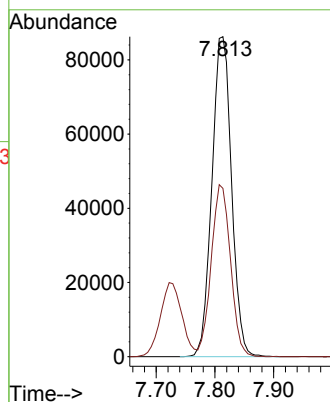
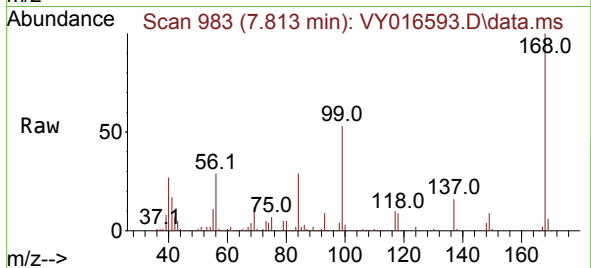
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

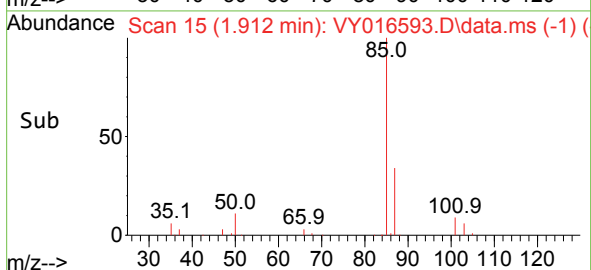
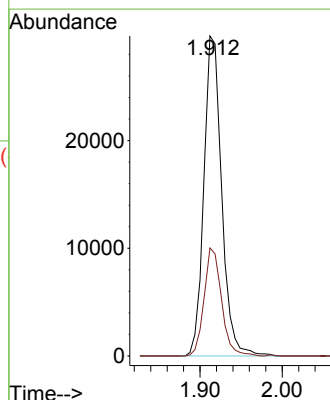
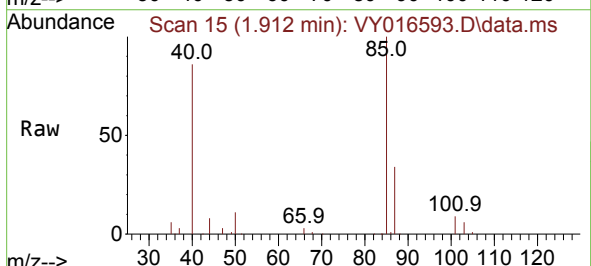
Instrument :
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ClientSampleId :
VY1205SBS02

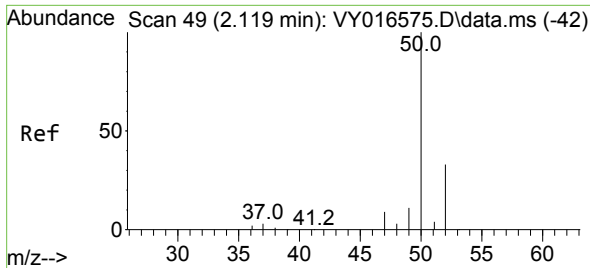
Tgt Ion:168 Resp: 200217
Ion Ratio Lower Upper
168 100
99 52.6 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 25.324 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 85 Resp: 44788
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8

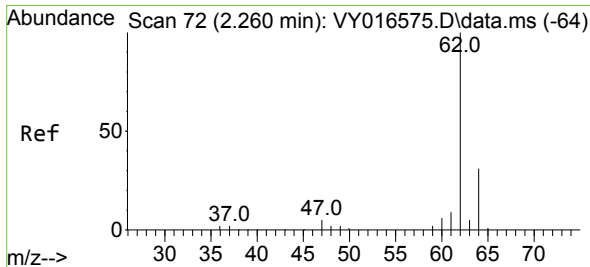
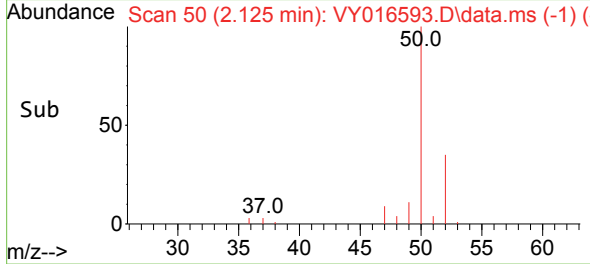
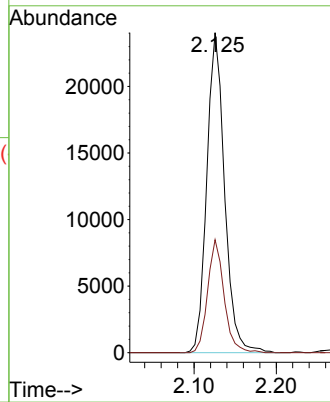
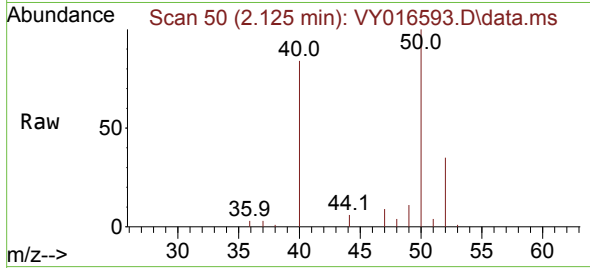




#3
Chloromethane
Concen: 19.692 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

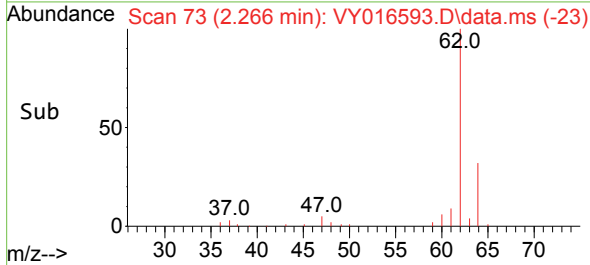
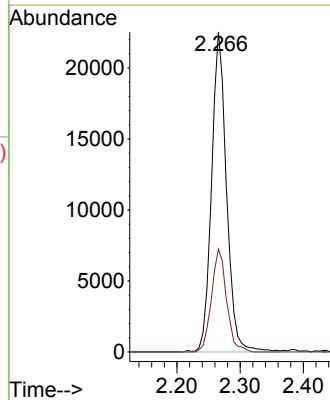
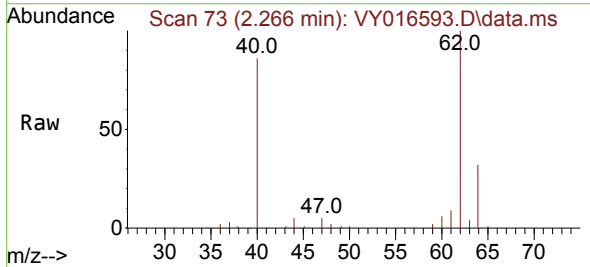
Instrument :
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ClientSampleId :
VY1205SBSD02

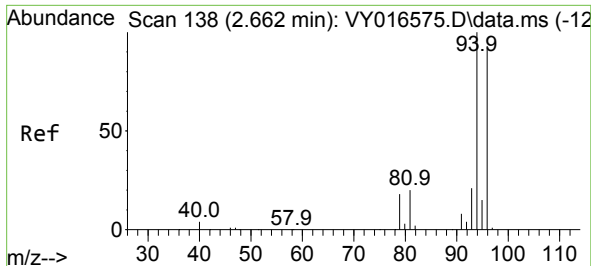
Tgt Ion: 50 Resp: 36129
Ion Ratio Lower Upper
50 100
52 35.3 25.4 38.2



#4
Vinyl Chloride
Concen: 19.965 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 62 Resp: 36991
Ion Ratio Lower Upper
62 100
64 32.2 24.3 36.5

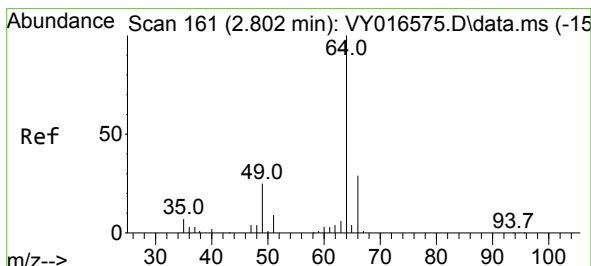
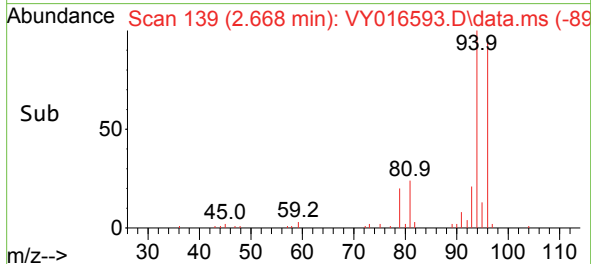
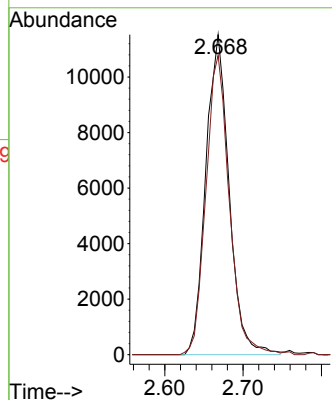
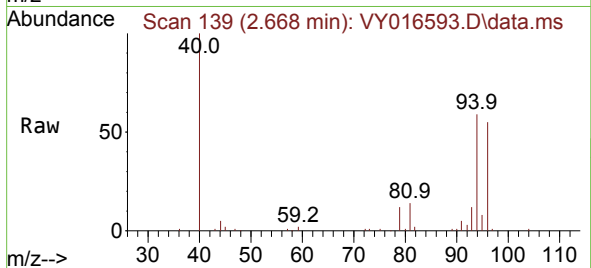




#5
Bromomethane
Concen: 20.502 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

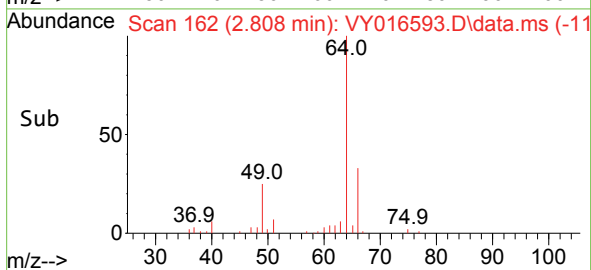
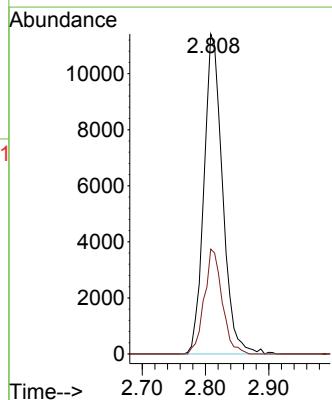
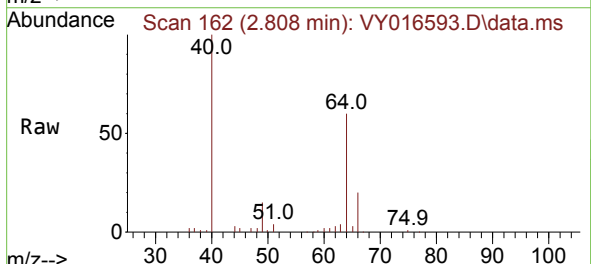
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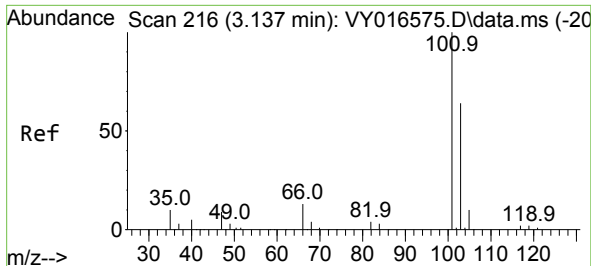
Tgt Ion: 94 Resp: 23795
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 20.396 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 64 Resp: 23343
Ion Ratio Lower Upper
64 100
66 32.7 24.4 36.6

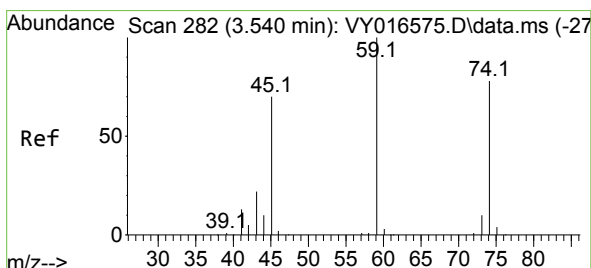
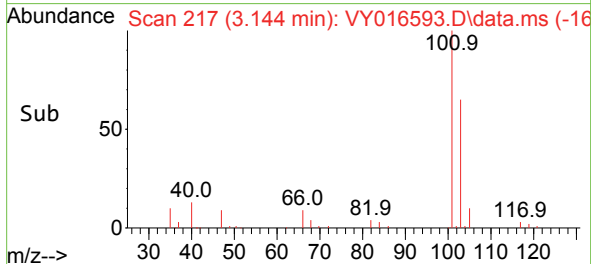
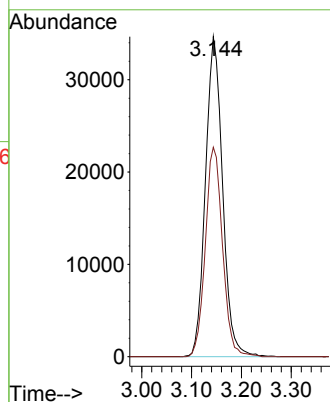
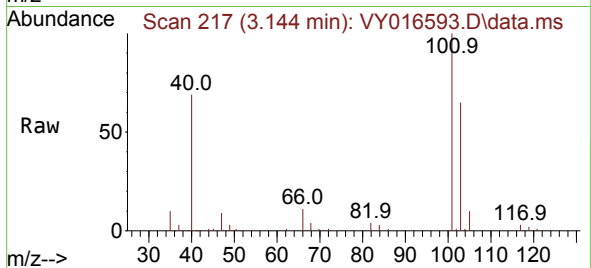




#7
 Trichlorofluoromethane
 Concen: 23.603 ug/l
 RT: 3.144 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

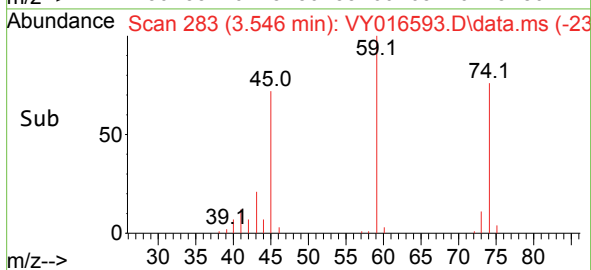
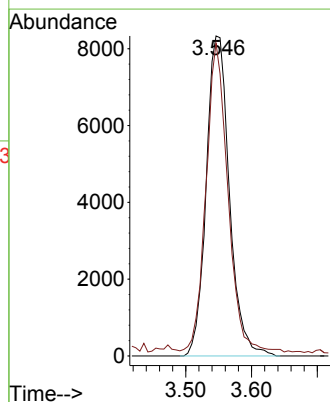
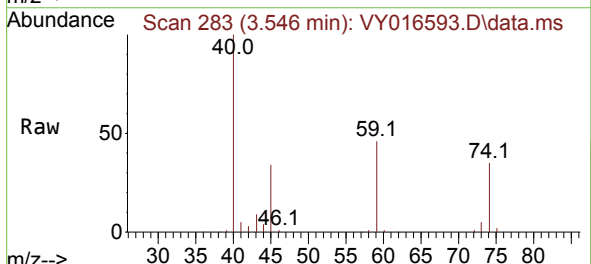
Instrument :
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 ClientSampleId :
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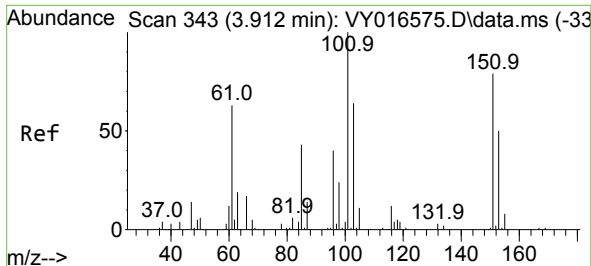
Tgt Ion:101 Resp: 82671
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.957 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

Tgt Ion: 74 Resp: 20444
 Ion Ratio Lower Upper
 74 100
 45 91.7 51.5 154.5

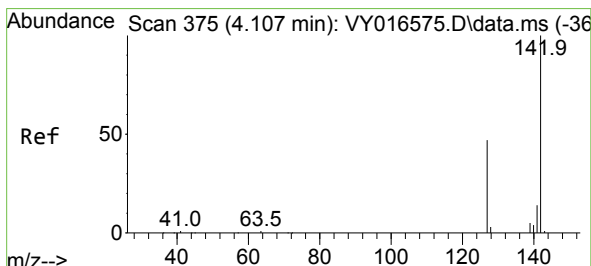
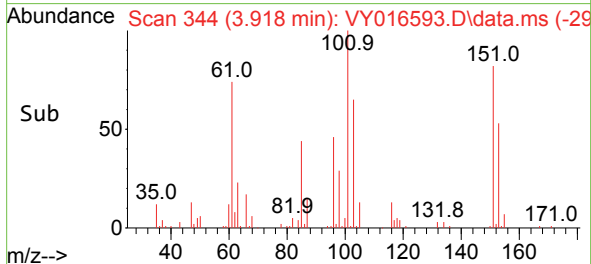
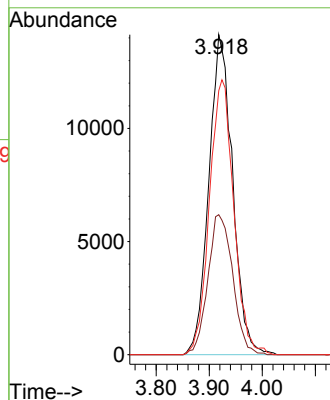
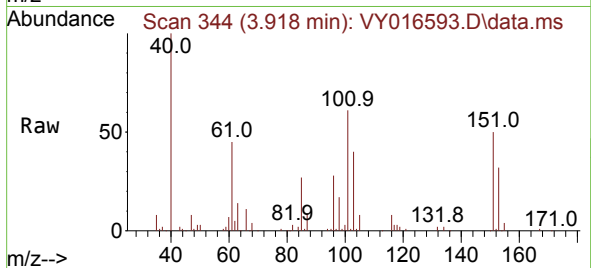




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.431 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

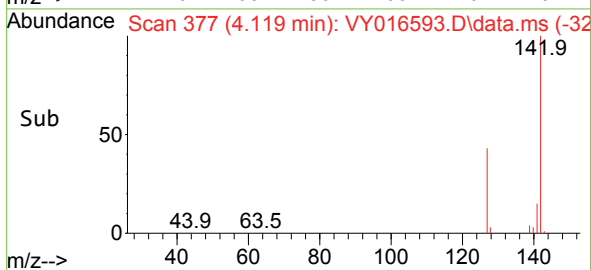
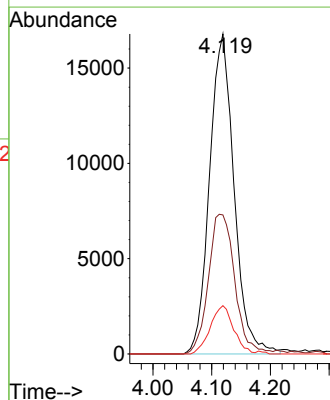
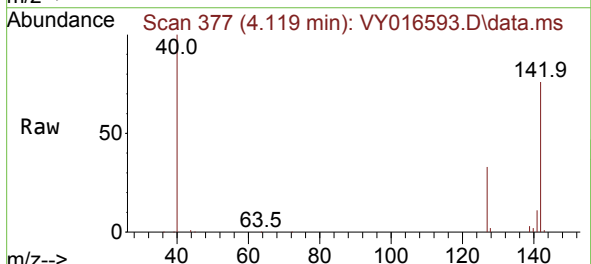
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

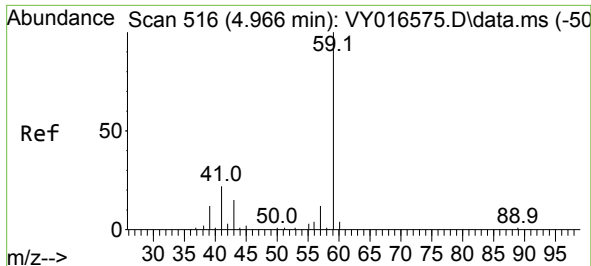
Tgt Ion:101 Resp: 43937
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 88.2 67.0 100.6



#10
Methyl Iodide
Concen: 23.529 ug/l
RT: 4.119 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion:142 Resp: 48694
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 14.4 11.8 17.8

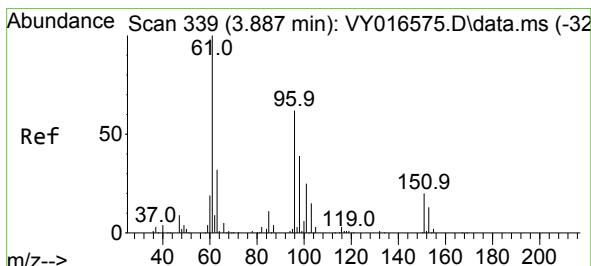
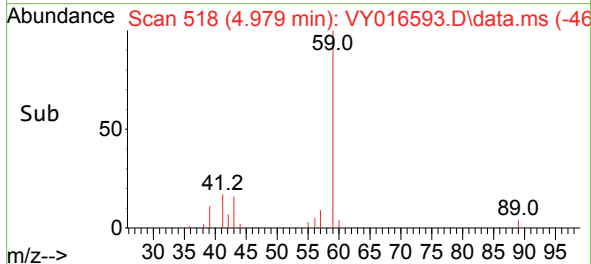
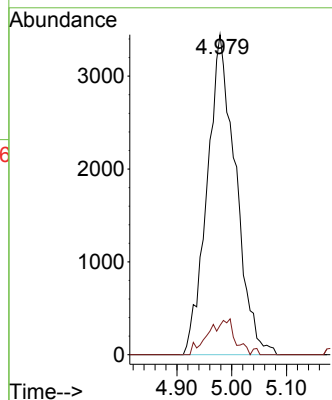
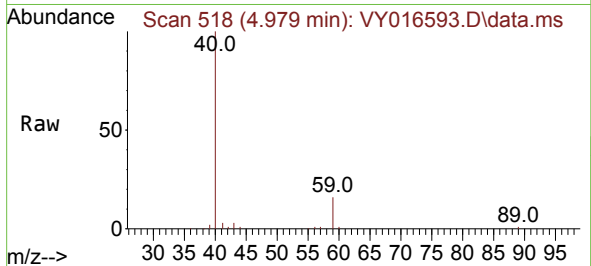




#11
Tert butyl alcohol
Concen: 98.481 ug/l
RT: 4.979 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

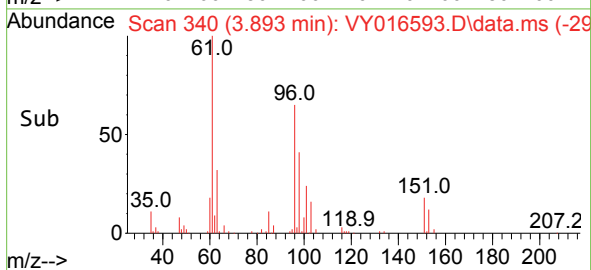
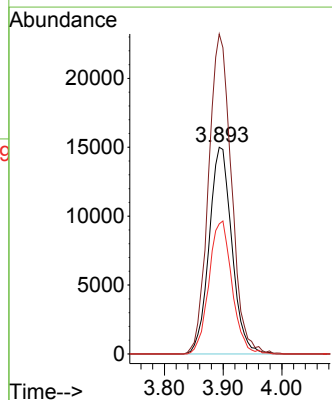
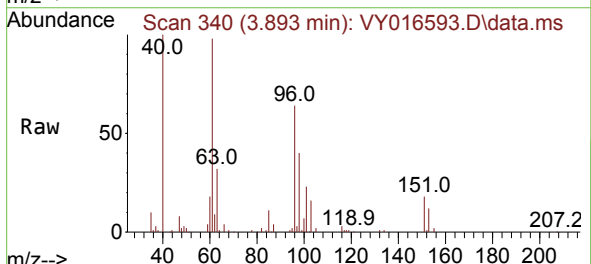
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

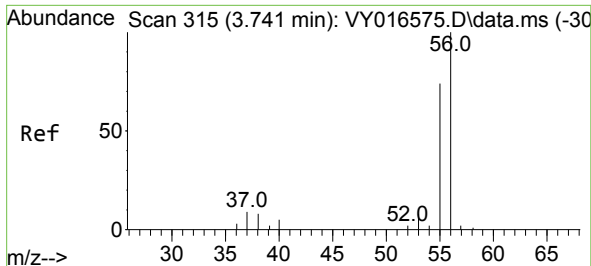
Tgt Ion: 59 Resp: 12417
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.678 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 96 Resp: 40351
Ion Ratio Lower Upper
96 100
61 154.8 136.4 204.6
98 63.0 49.4 74.2





#13

Acrolein

Concen: 92.965 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

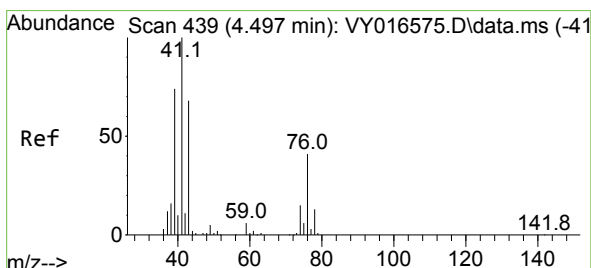
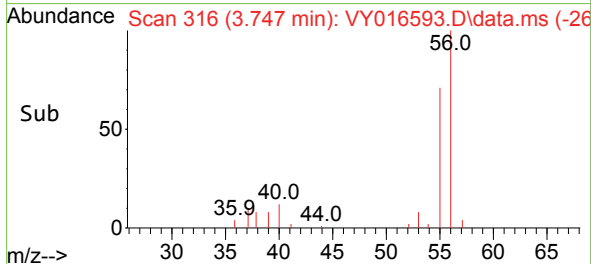
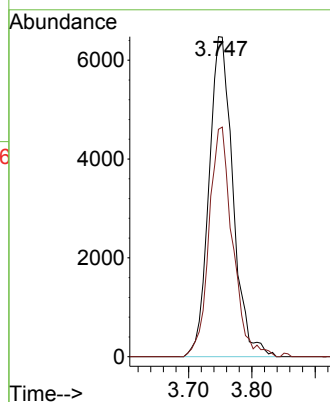
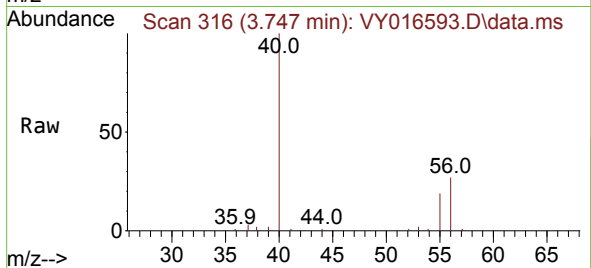
VY1205SBS02

Tgt Ion: 56 Resp: 17041

Ion Ratio Lower Upper

56 100

55 70.4 57.0 85.4



#14

Allyl chloride

Concen: 20.614 ug/l

RT: 4.509 min Scan# 441

Delta R.T. 0.012 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

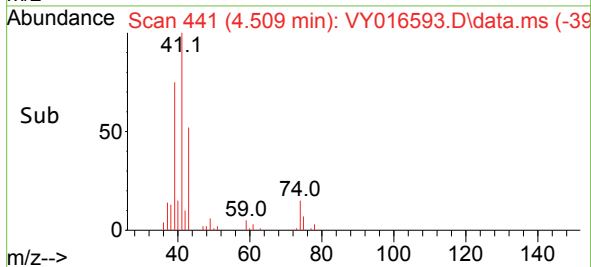
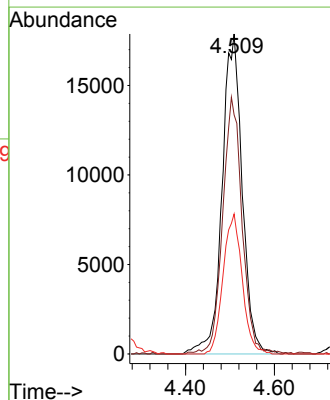
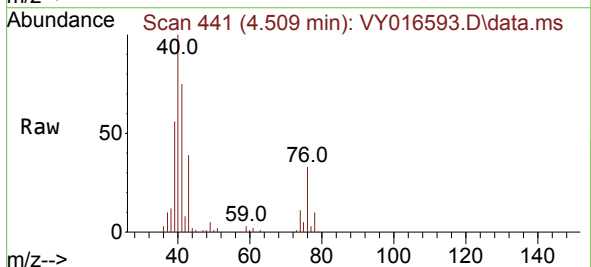
Tgt Ion: 41 Resp: 55975

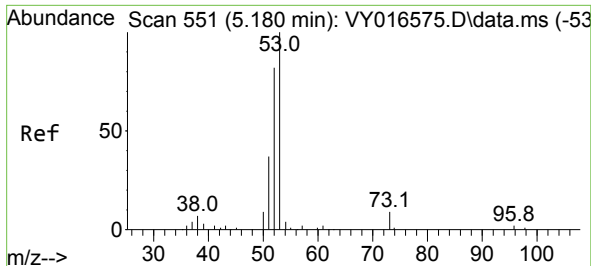
Ion Ratio Lower Upper

41 100

39 77.7 58.0 87.0

76 41.5 27.4 41.2#





#15

Acrylonitrile

Concen: 100.112 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

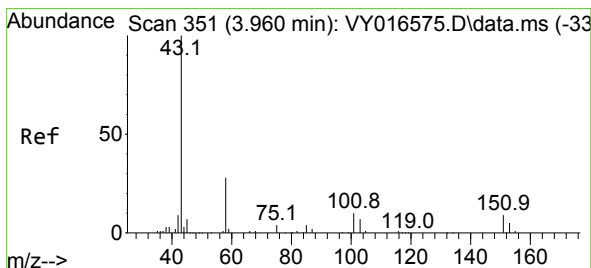
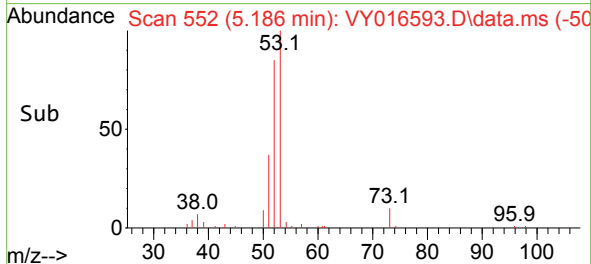
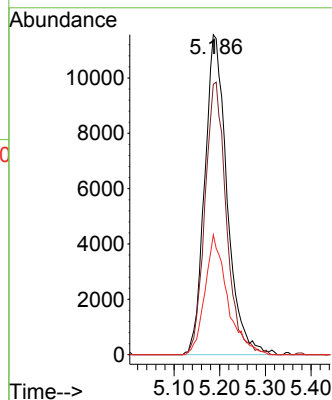
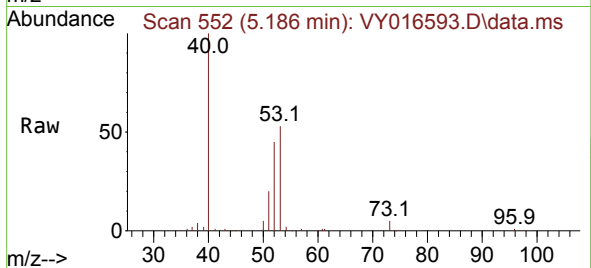
Tgt Ion: 53 Resp: 39417

Ion Ratio Lower Upper

53 100

52 81.5 66.9 100.3

51 37.5 29.8 44.6



#16

Acetone

Concen: 126.249 ug/l

RT: 3.967 min Scan# 352

Delta R.T. 0.007 min

Lab File: VY016593.D

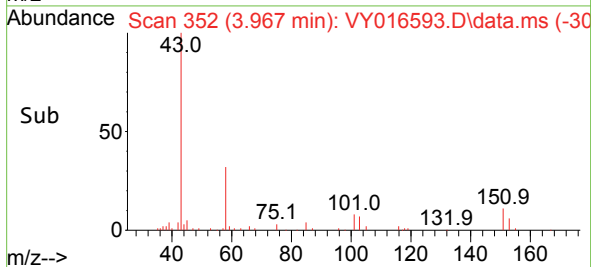
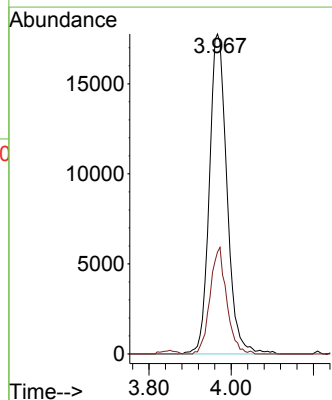
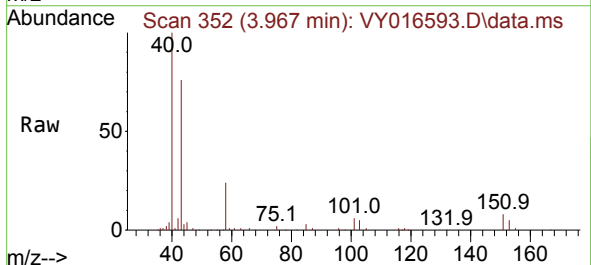
Acq: 05 Dec 2023 13:32

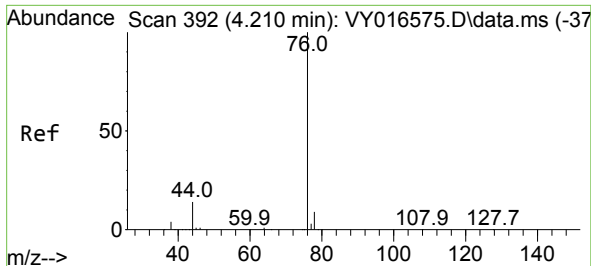
Tgt Ion: 43 Resp: 52868

Ion Ratio Lower Upper

43 100

58 31.9 22.7 34.1

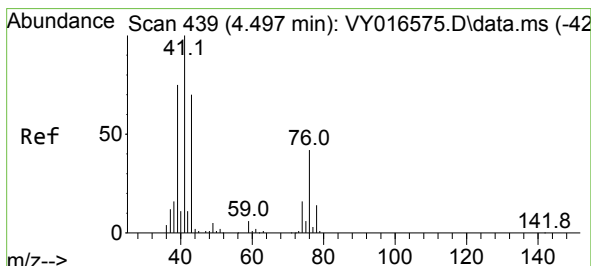
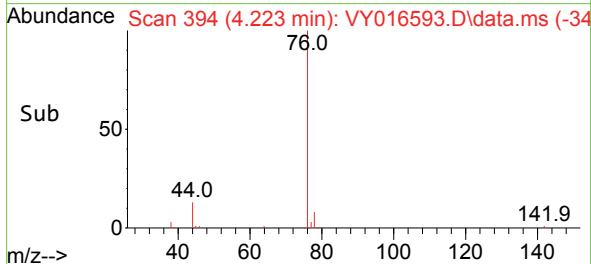
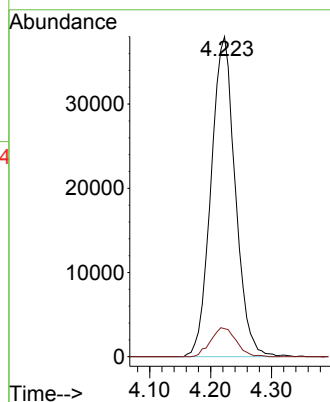
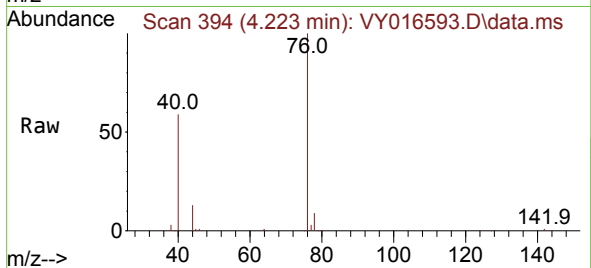




#17
Carbon Disulfide
Concen: 21.052 ug/l
RT: 4.223 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

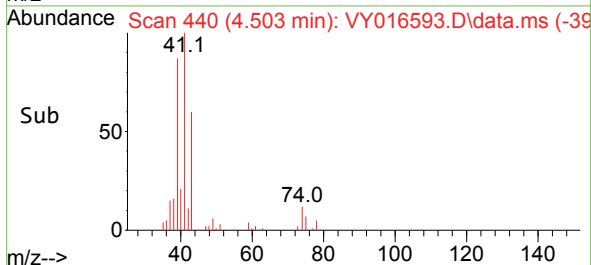
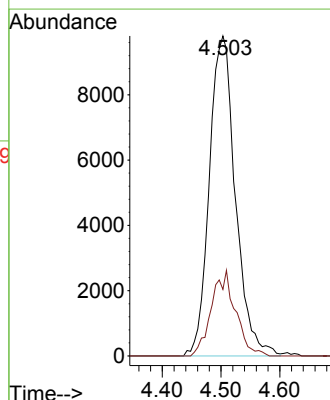
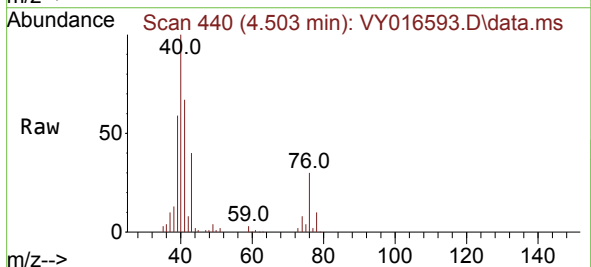
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

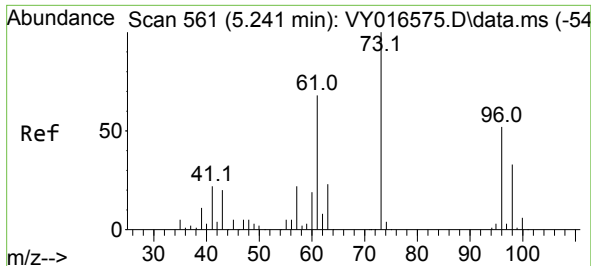
Tgt Ion: 76 Resp: 105018
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 18.212 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 43 Resp: 30230
Ion Ratio Lower Upper
43 100
74 24.7 17.4 26.0

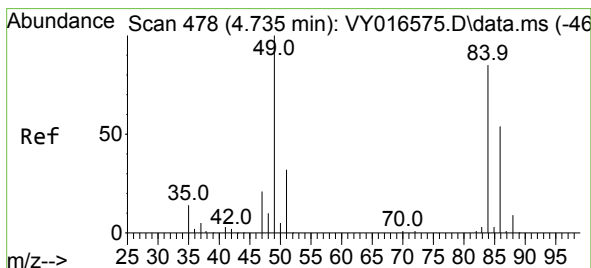
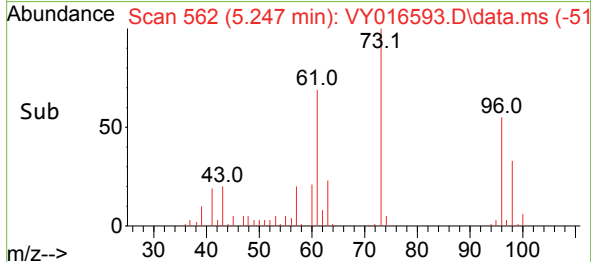
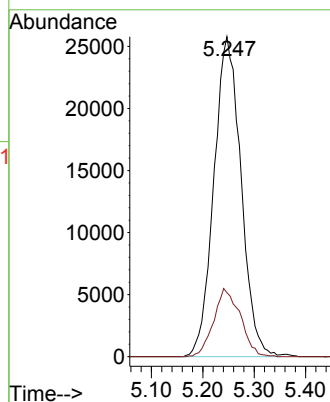
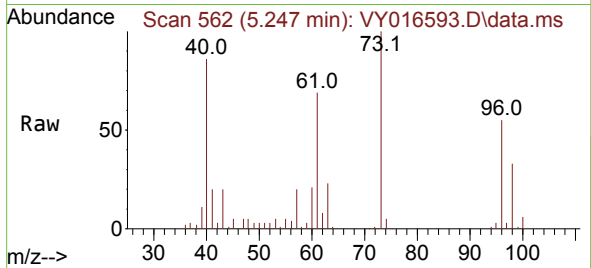




#19
Methyl tert-butyl Ether
Concen: 21.566 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

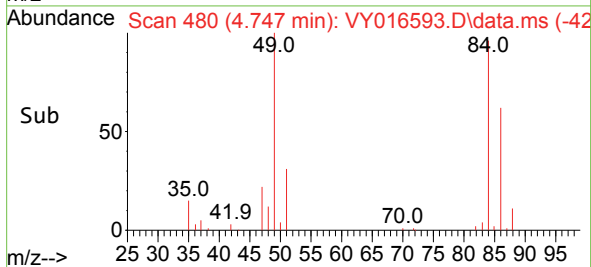
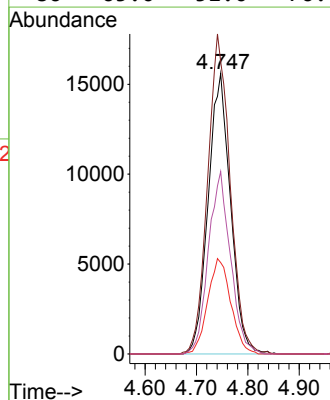
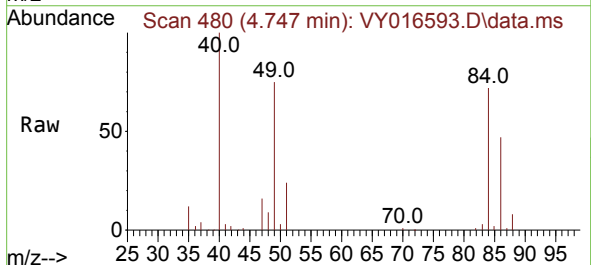
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

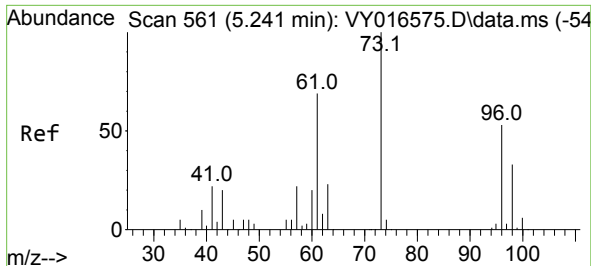
Tgt Ion: 73 Resp: 94327
Ion Ratio Lower Upper
73 100
57 20.0 17.3 25.9



#20
Methylene Chloride
Concen: 23.716 ug/l
RT: 4.747 min Scan# 480
Delta R.T. 0.012 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 84 Resp: 47051
Ion Ratio Lower Upper
84 100
49 104.2 106.9 160.3#
51 32.6 33.2 49.8#
86 65.0 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 22.208 ug/l

RT: 5.247 min Scan# 5

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

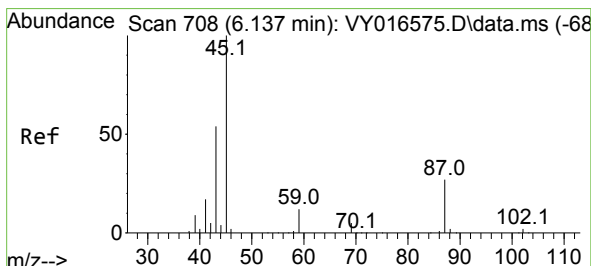
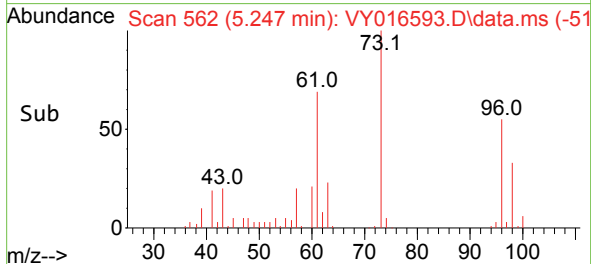
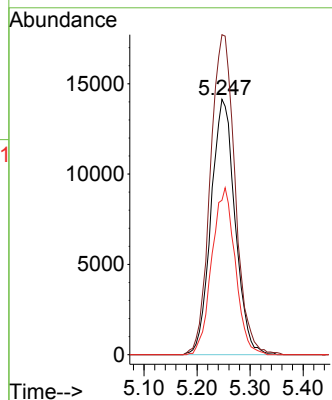
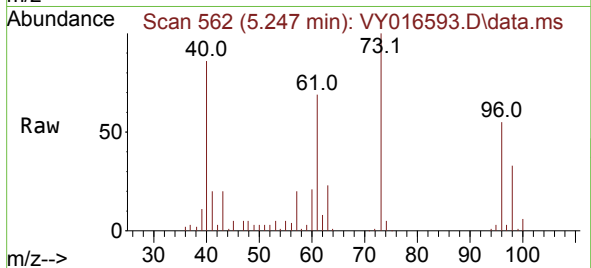
Tgt Ion: 96 Resp: 44437

Ion Ratio Lower Upper

96 100

61 125.3 110.2 165.4

98 60.5 51.8 77.6



#22

Diisopropyl ether

Concen: 20.663 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Tgt Ion: 45 Resp: 115396

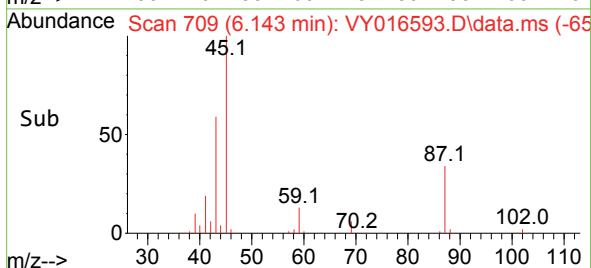
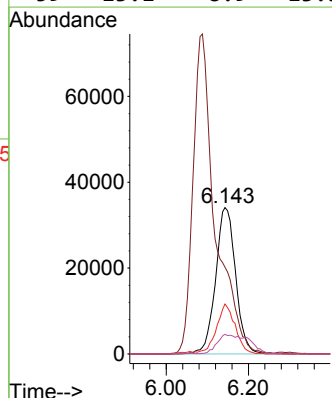
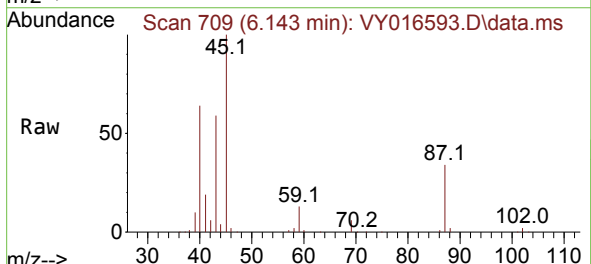
Ion Ratio Lower Upper

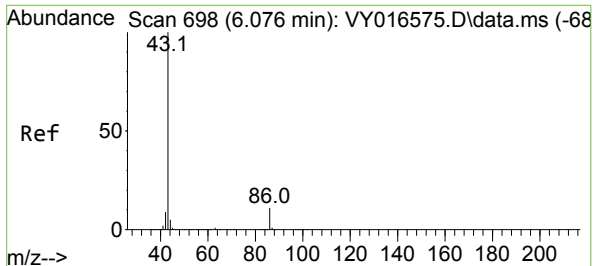
45 100

43 58.0 52.2 78.4

87 34.1 21.0 31.6#

59 13.1 8.9 13.3

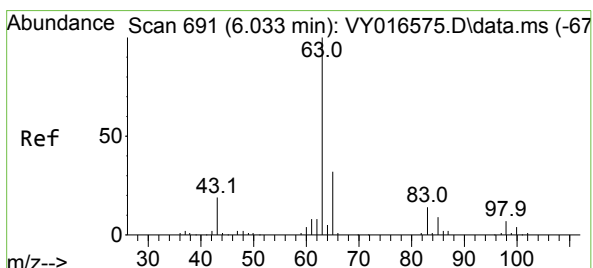
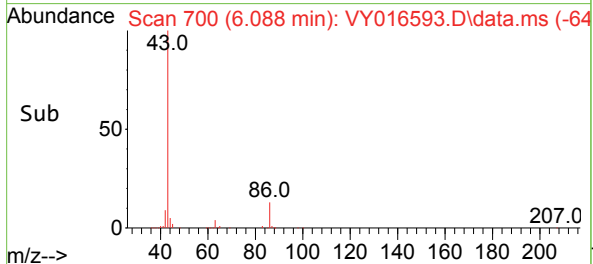
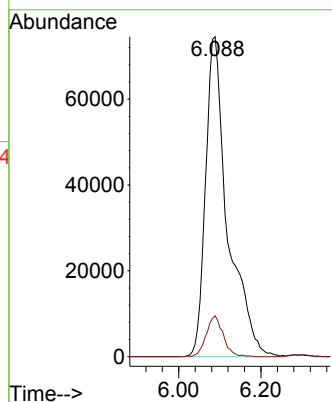
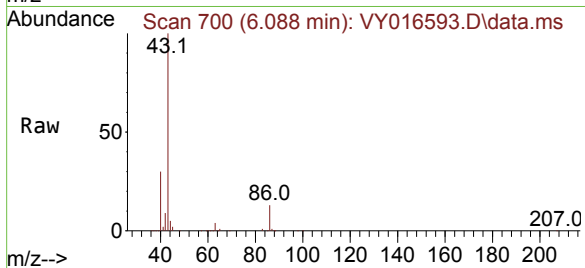




#23
 Vinyl Acetate
 Concen: 104.048 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

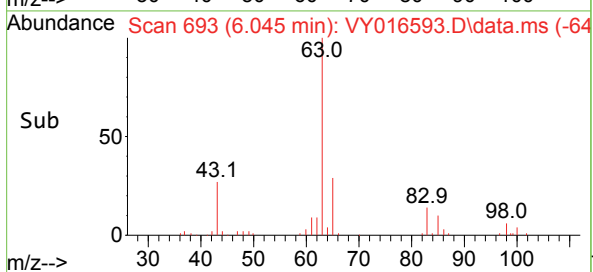
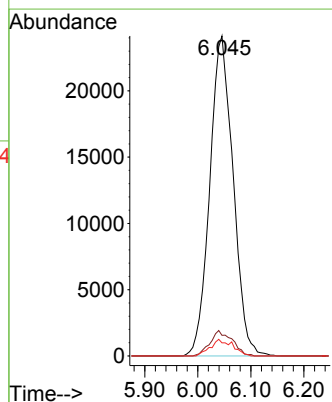
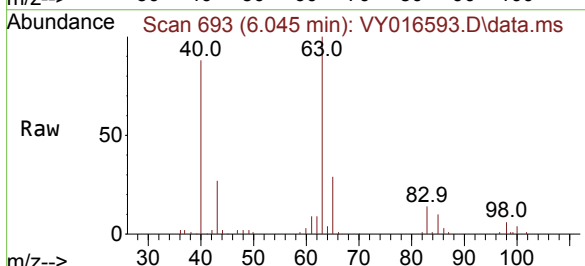
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD02

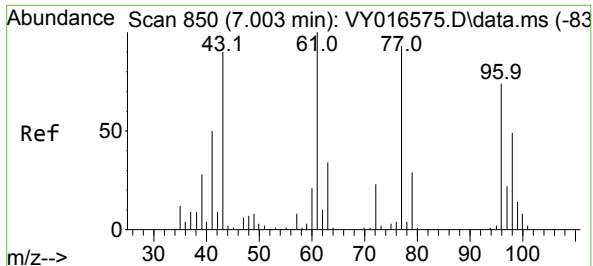
Tgt Ion: 43 Resp: 278950
 Ion Ratio Lower Upper
 43 100
 86 12.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.519 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.012 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

Tgt Ion: 63 Resp: 73830
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 4.1 1.8 5.5





#25

2-Butanone

Concen: 111.266 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

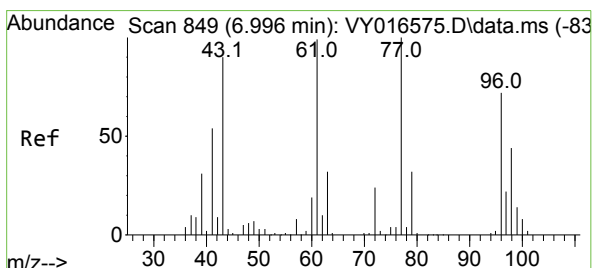
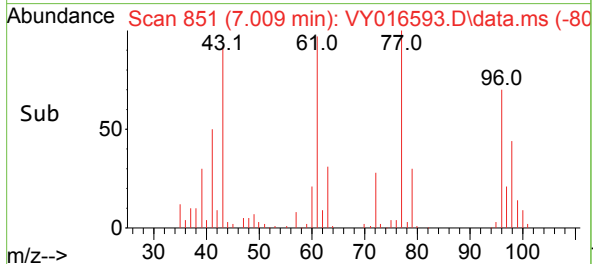
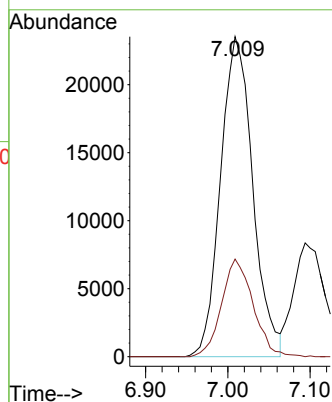
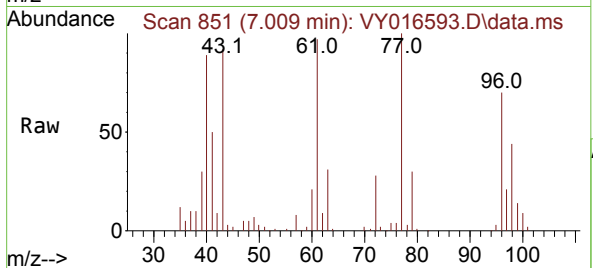
VY1205SBSD02

Tgt Ion: 43 Resp: 64070

Ion Ratio Lower Upper

43 100

72 30.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 23.286 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016593.D

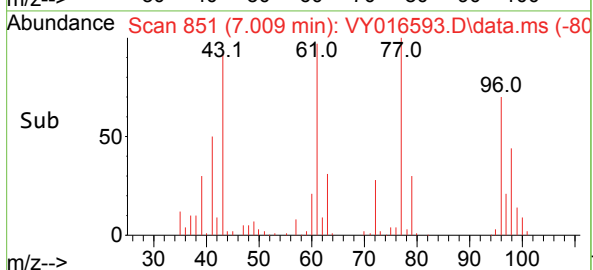
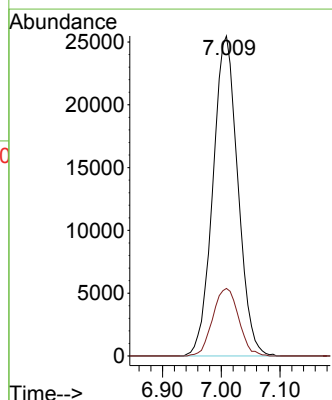
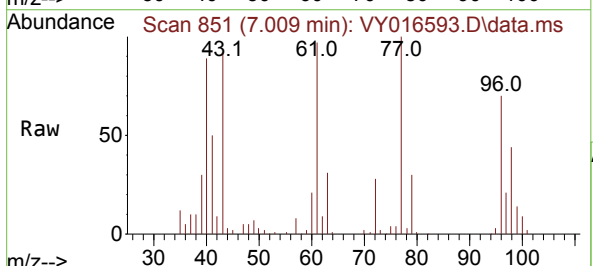
Acq: 05 Dec 2023 13:32

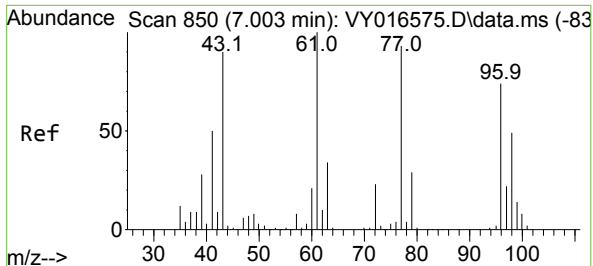
Tgt Ion: 77 Resp: 75109

Ion Ratio Lower Upper

77 100

97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.428 ug/l

RT: 7.015 min Scan# 81

Delta R.T. 0.012 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

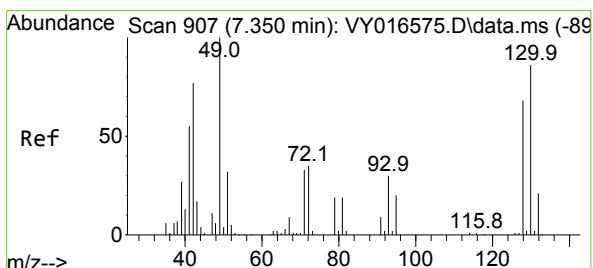
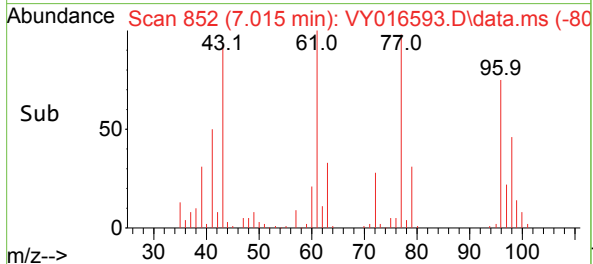
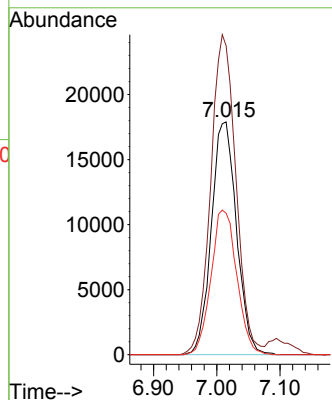
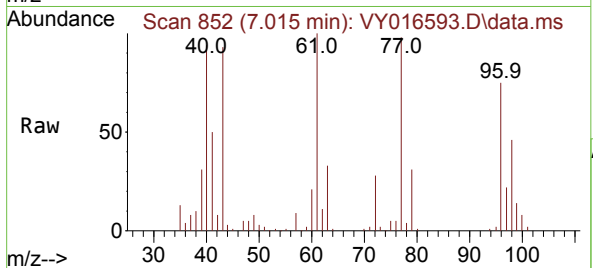
Tgt Ion: 96 Resp: 49398

Ion Ratio Lower Upper

96 100

61 137.8 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 18.515 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

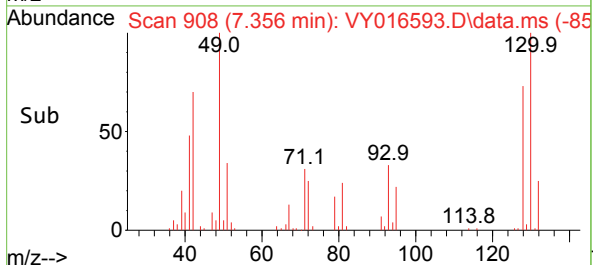
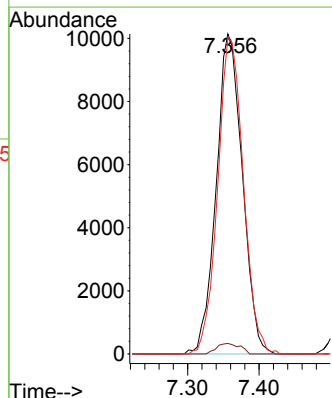
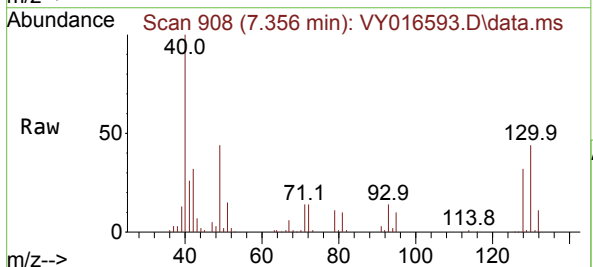
Tgt Ion: 49 Resp: 25731

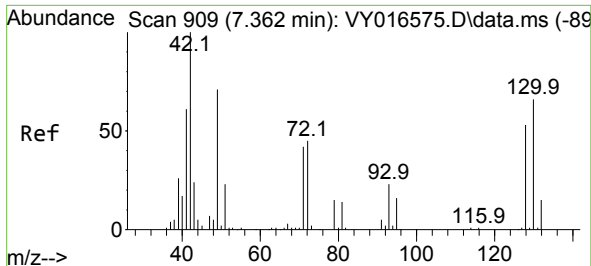
Ion Ratio Lower Upper

49 100

129 3.0 0.0 4.6

130 97.2 60.7 91.1#





#29

Tetrahydrofuran

Concen: 95.176 ug/l

RT: 7.375 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

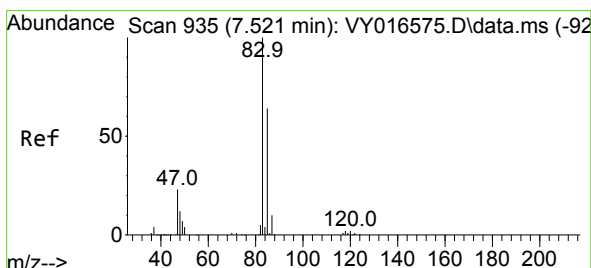
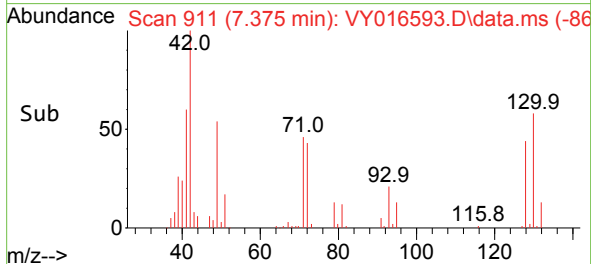
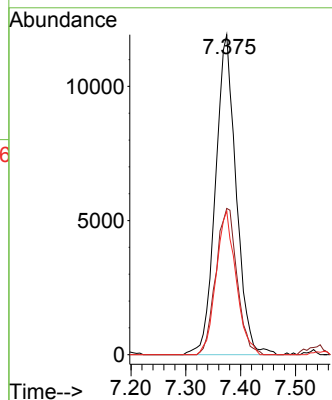
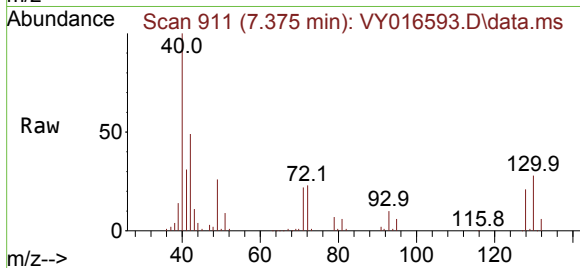
Tgt Ion: 42 Resp: 31246

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 22.108 ug/l

RT: 7.533 min Scan# 937

Delta R.T. 0.012 min

Lab File: VY016593.D

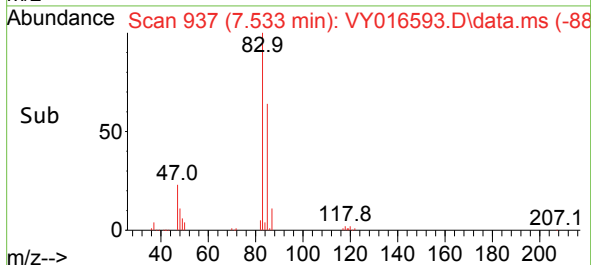
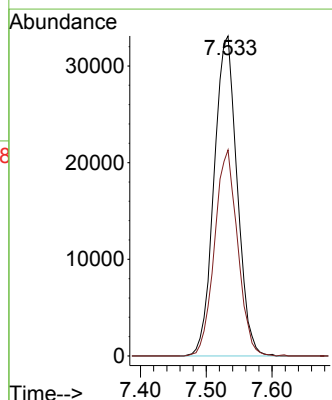
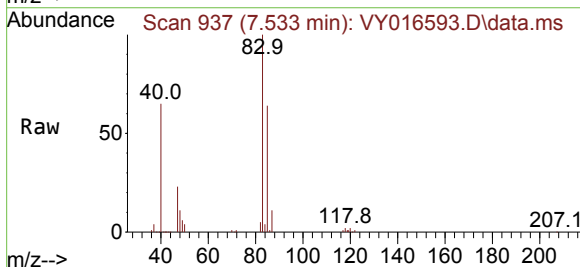
Acq: 05 Dec 2023 13:32

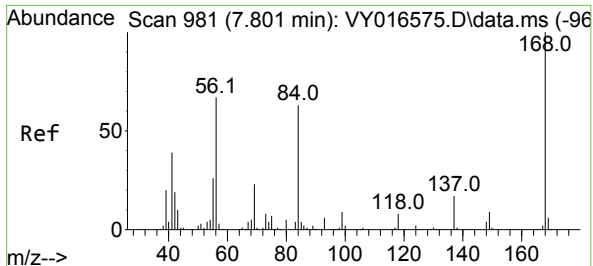
Tgt Ion: 83 Resp: 80857

Ion Ratio Lower Upper

83 100

85 64.4 49.7 74.5

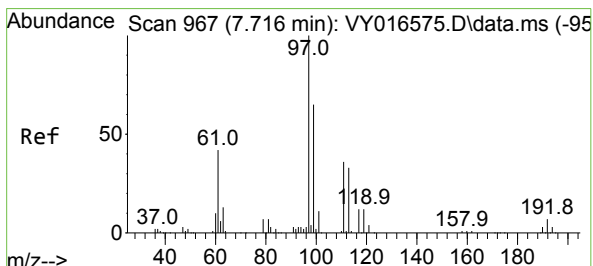
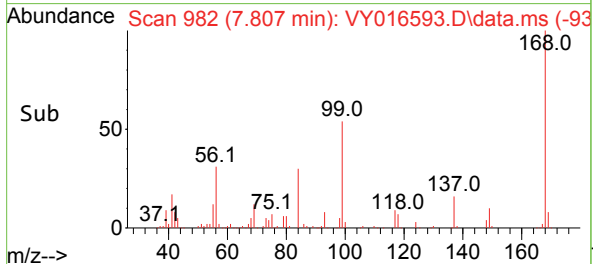
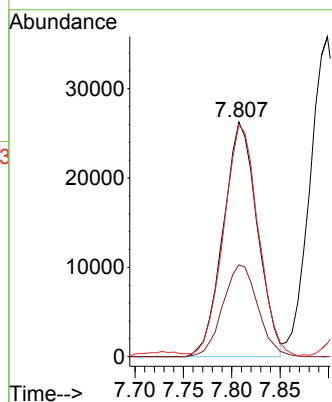
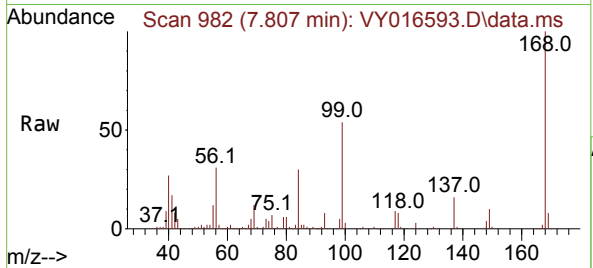




#31
Cyclohexane
Concen: 20.454 ug/l
RT: 7.807 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

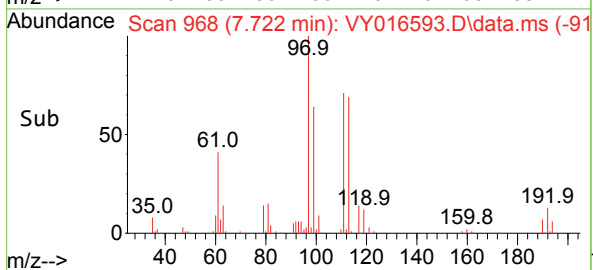
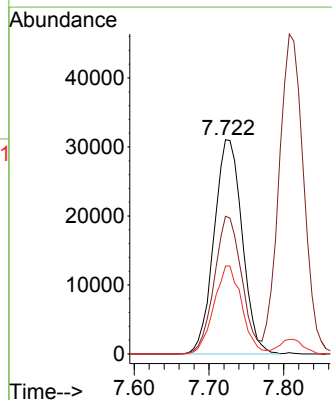
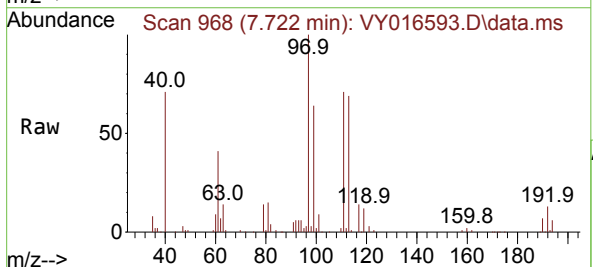
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

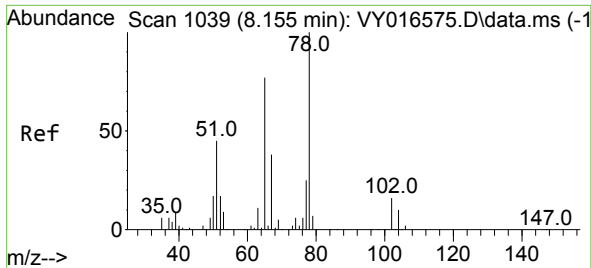
Tgt Ion: 56 Resp: 64617
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 97.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 23.525 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 97 Resp: 81426
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 40.7 35.1 52.7

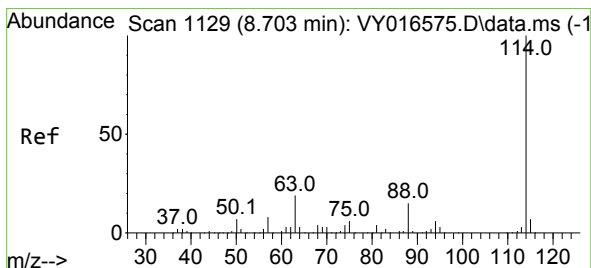
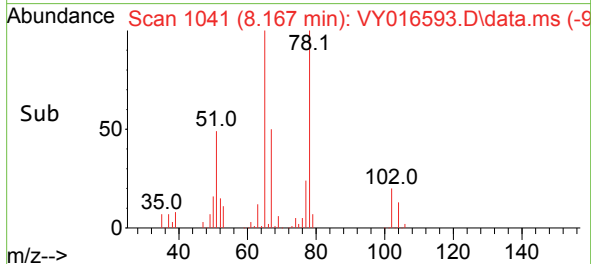
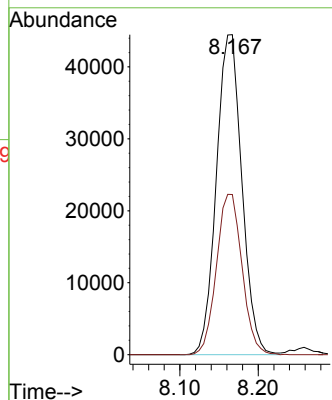
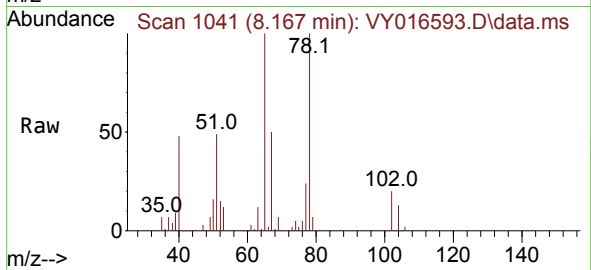




#33
 1,2-Dichloroethane-d4
 Concen: 54.529 ug/l
 RT: 8.167 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

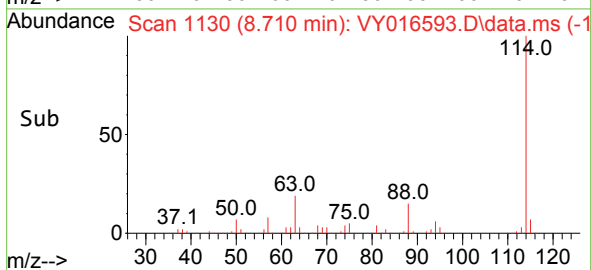
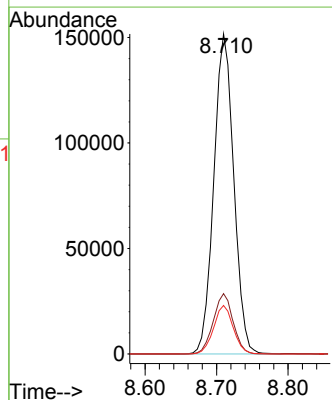
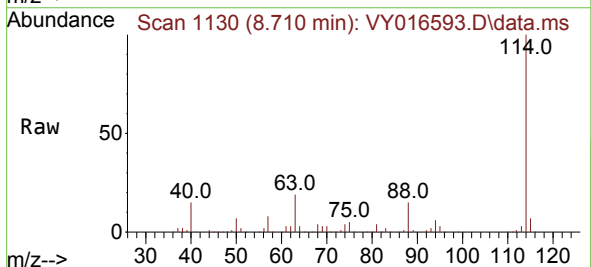
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

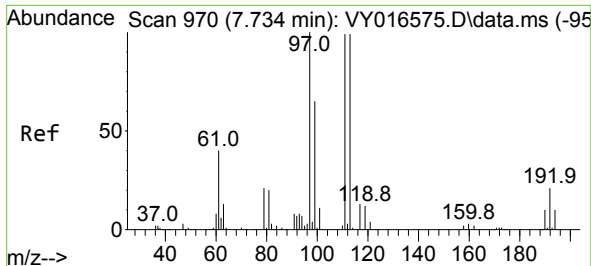
Tgt Ion: 65 Resp: 100909
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.710 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

Tgt Ion: 114 Resp: 293947
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 42.4
 88 15.2 0.0 30.6

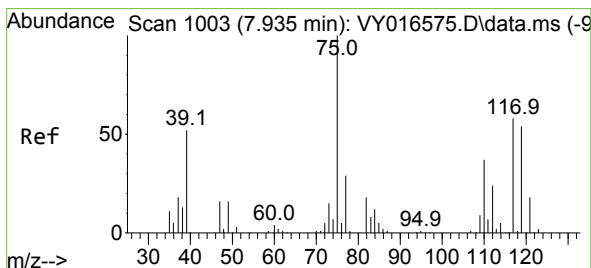
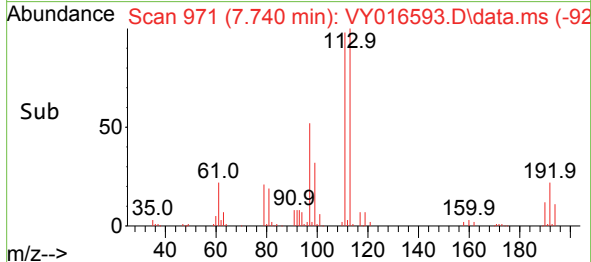
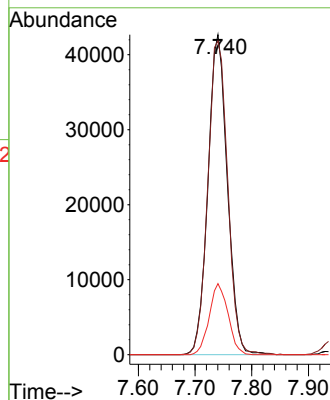
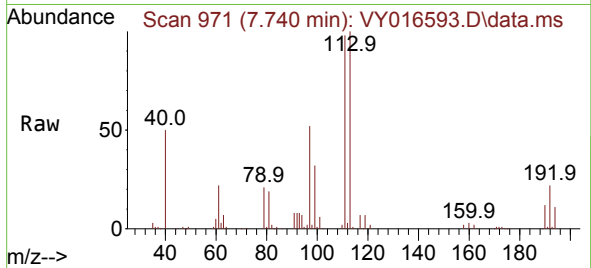




#35
Dibromofluoromethane
Concen: 57.301 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

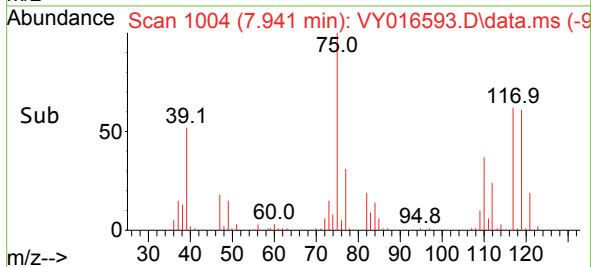
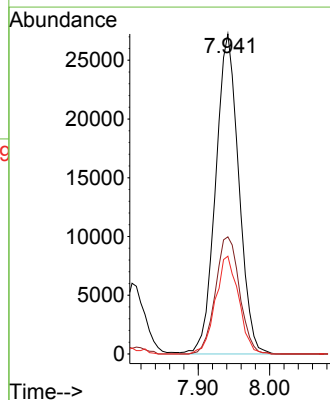
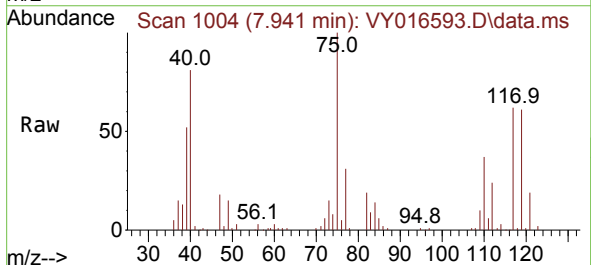
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

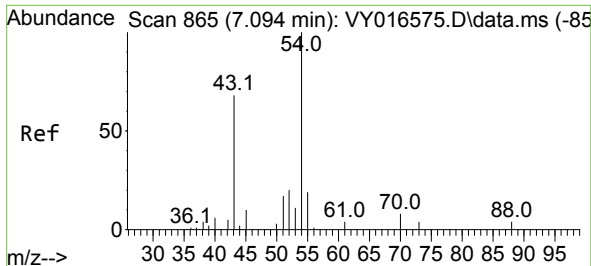
Tgt Ion:113 Resp: 101365
Ion Ratio Lower Upper
113 100
111 100.4 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 22.760 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 75 Resp: 61202
Ion Ratio Lower Upper
75 100
110 38.1 17.8 53.5
77 30.8 24.4 36.6

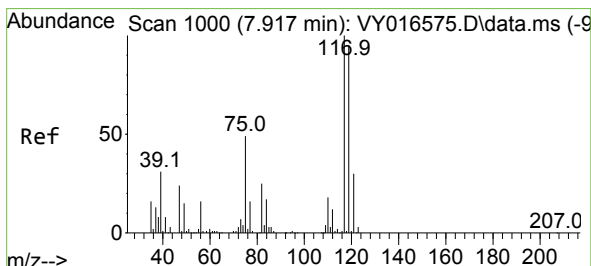
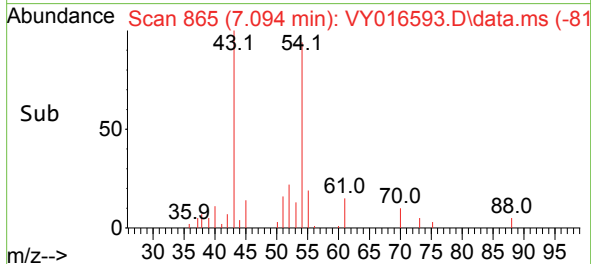
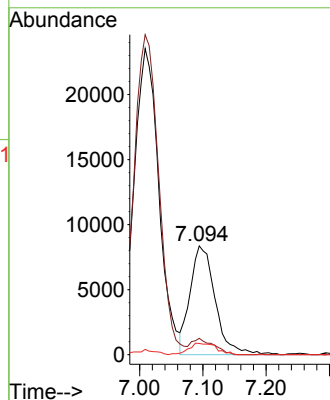
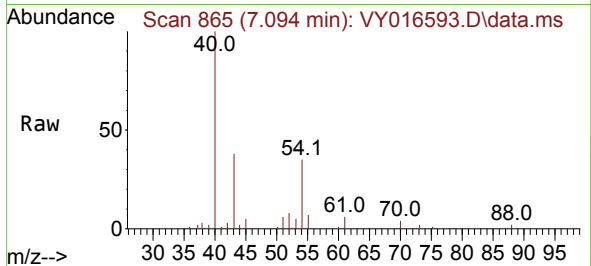




#37
Ethyl Acetate
Concen: 20.522 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

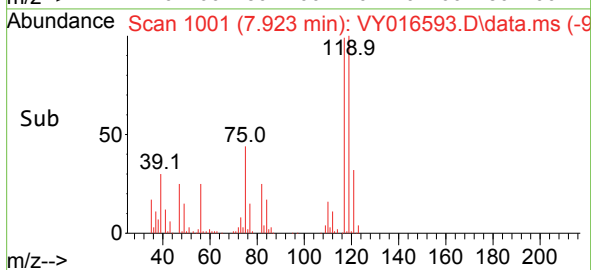
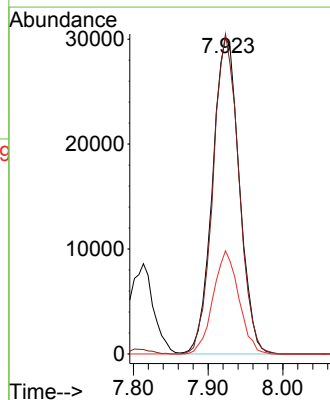
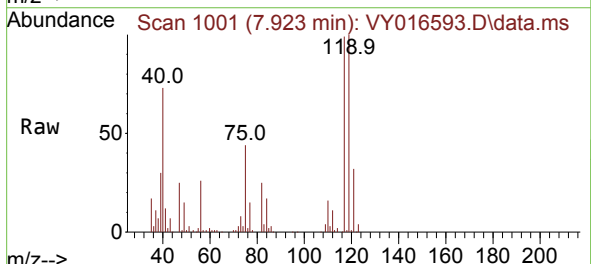
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

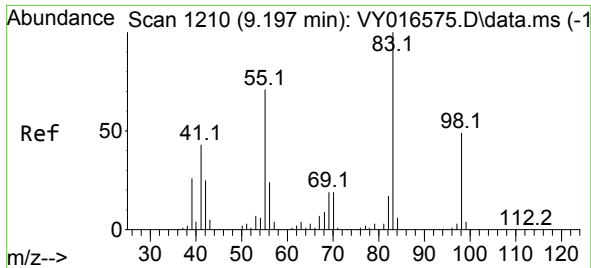
Tgt Ion: 43 Resp: 23091
Ion Ratio Lower Upper
43 100
61 13.0 10.1 15.1
70 11.5 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 24.168 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 117 Resp: 75235
Ion Ratio Lower Upper
117 100
119 101.2 76.4 114.6
121 32.6 25.8 38.6

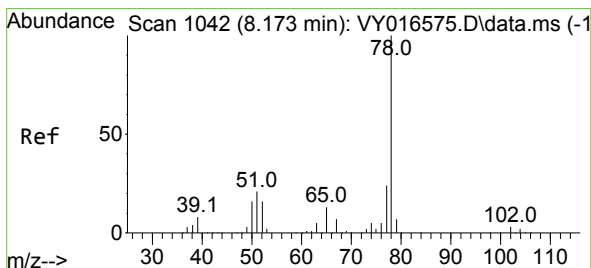
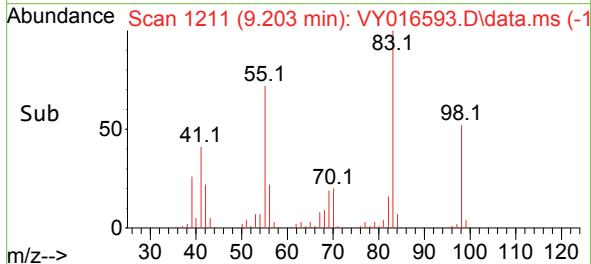
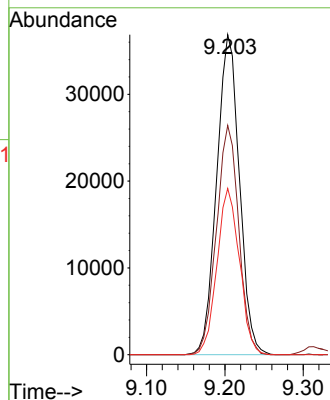
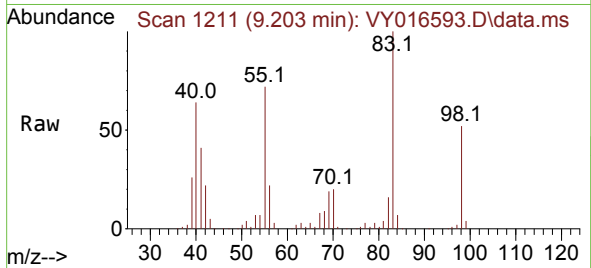




#39
Methylcyclohexane
Concen: 22.941 ug/l
RT: 9.203 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

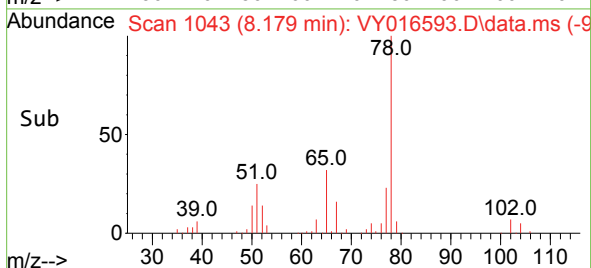
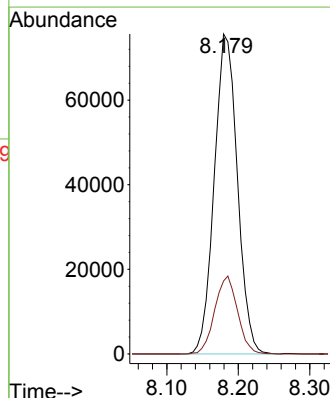
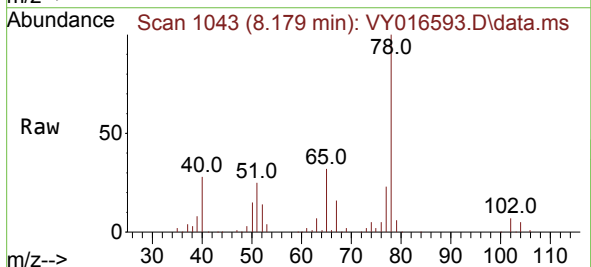
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

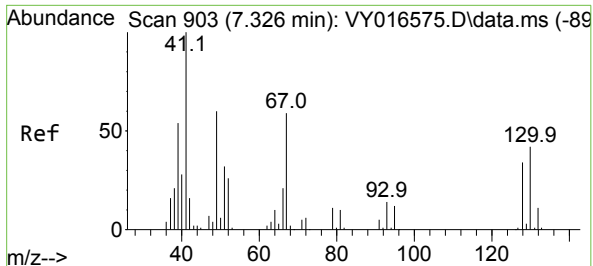
Tgt Ion: 83 Resp: 74326
Ion Ratio Lower Upper
83 100
55 71.6 63.0 94.4
98 51.9 37.4 56.2



#40
Benzene
Concen: 22.395 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 78 Resp: 169741
Ion Ratio Lower Upper
78 100
77 22.8 19.0 28.6

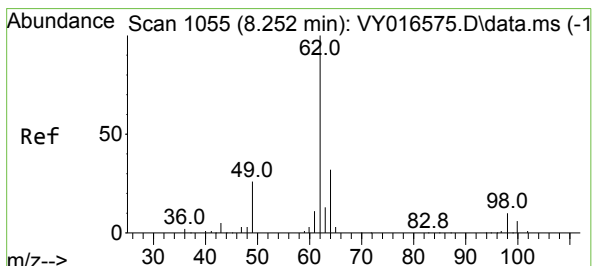
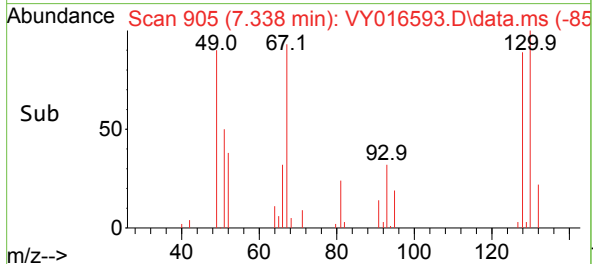
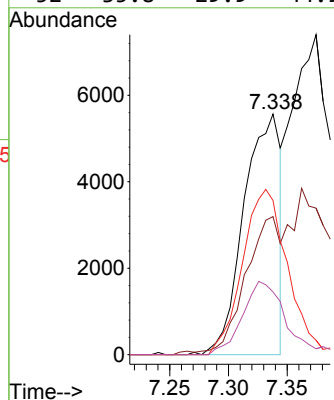
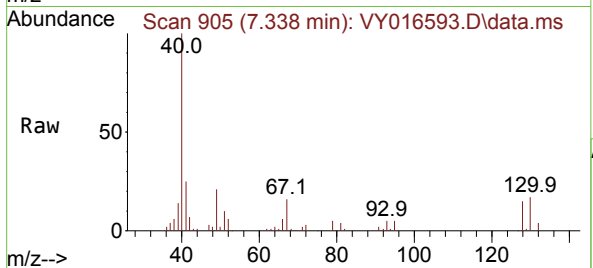




#41
Methacrylonitrile
Concen: 18.552 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

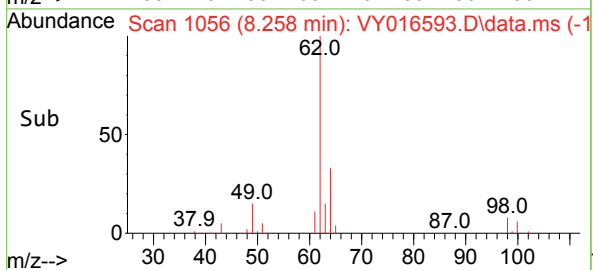
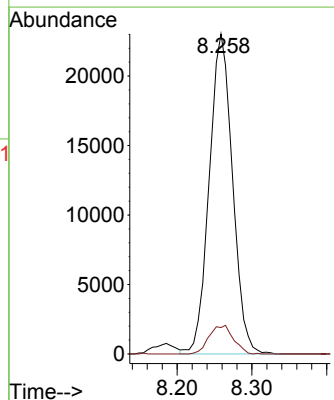
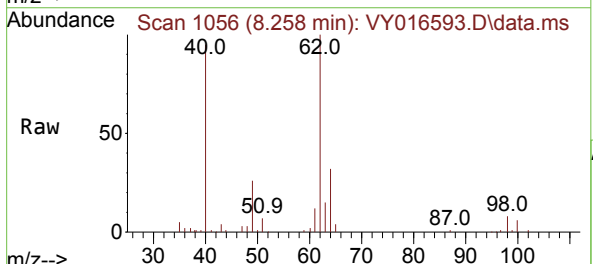
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

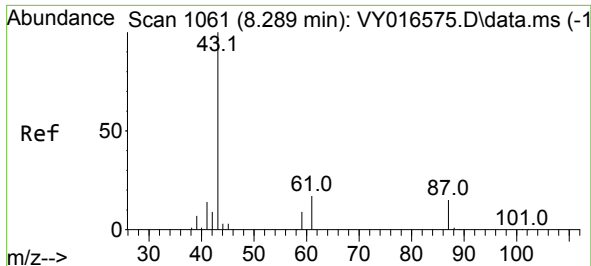
Tgt Ion: 41	Resp: 12056
Ion Ratio	Lower Upper
41	100
39	55.1 52.1 78.1
67	84.6 66.2 99.2
52	35.8 29.9 44.9



#42
1,2-Dichloroethane
Concen: 22.652 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 62	Resp: 49853
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 15.8

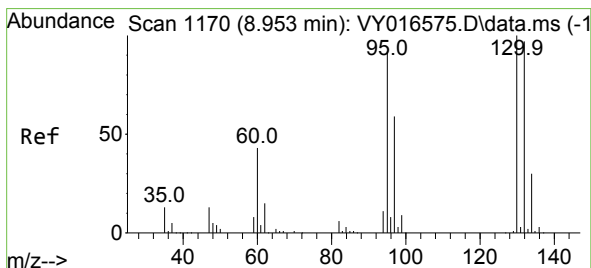
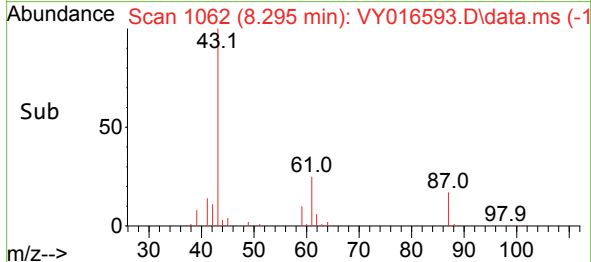
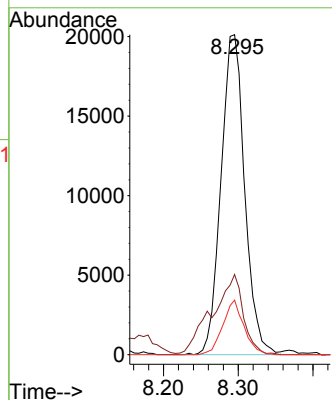
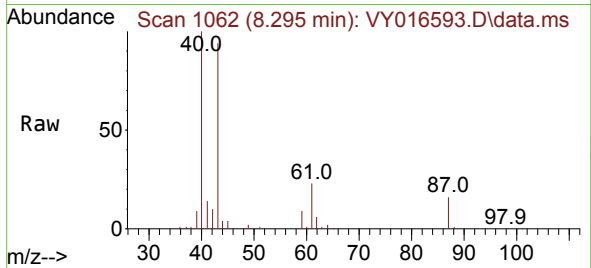




#43
Isopropyl Acetate
Concen: 20.450 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

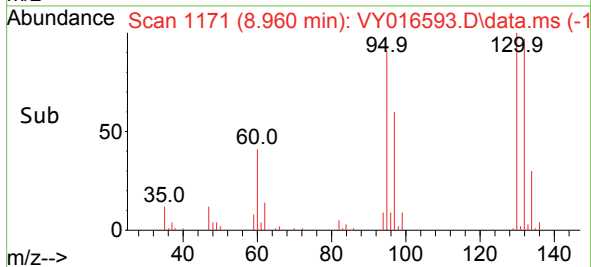
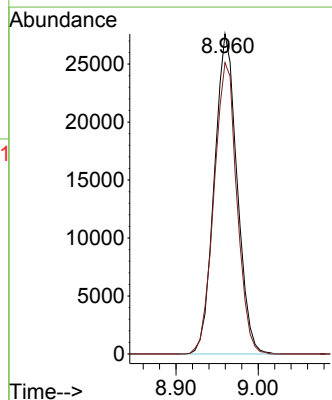
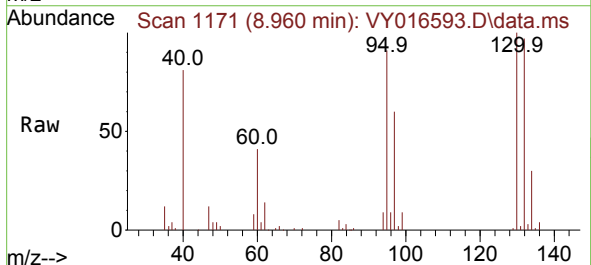
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

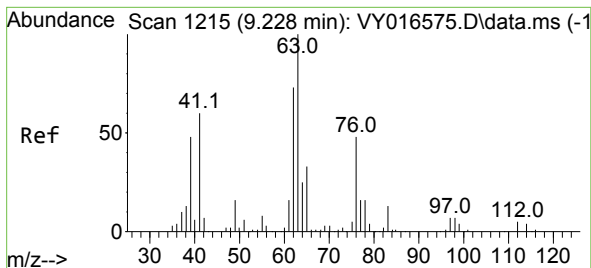
Tgt Ion: 43 Resp: 44389
Ion Ratio Lower Upper
43 100
61 33.0 21.1 31.7#
87 15.3 9.8 14.8#



#44
Trichloroethene
Concen: 23.121 ug/l
RT: 8.960 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion:130 Resp: 52848
Ion Ratio Lower Upper
130 100
95 91.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.288 ug/l

RT: 9.234 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

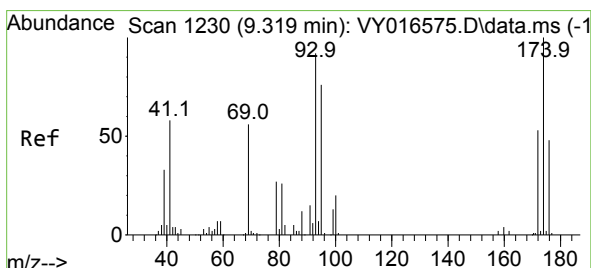
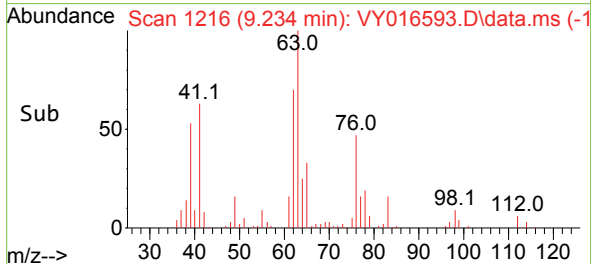
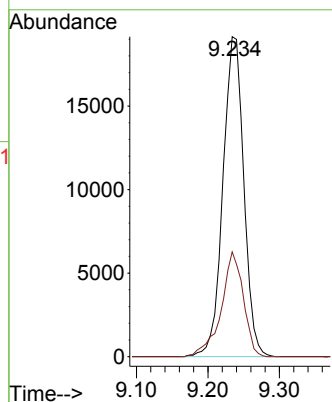
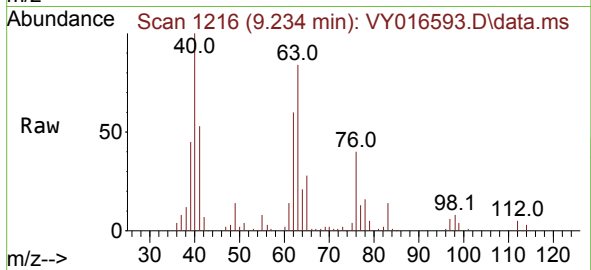
VY1205SBS02

Tgt Ion: 63 Resp: 38846

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.6



#46

Dibromomethane

Concen: 21.105 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

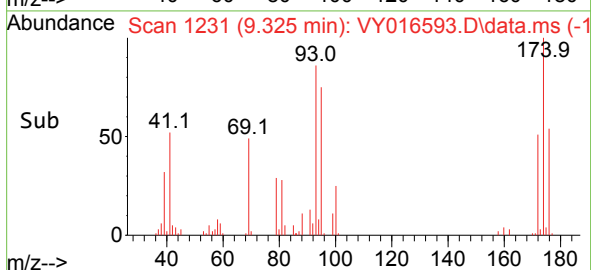
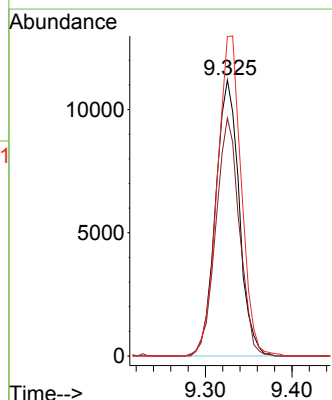
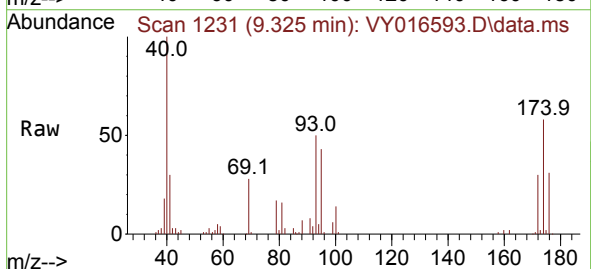
Tgt Ion: 93 Resp: 21113

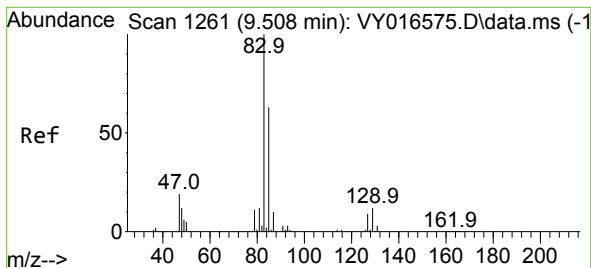
Ion Ratio Lower Upper

93 100

95 86.4 66.6 100.0

174 118.7 84.8 127.2





#47

Bromodichloromethane

Concen: 22.100 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

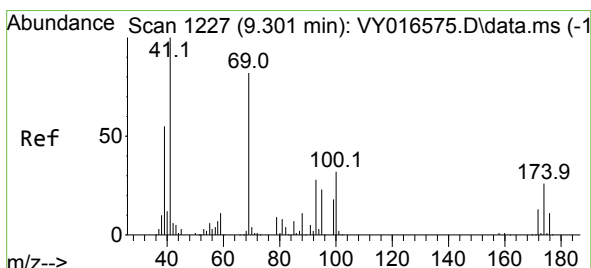
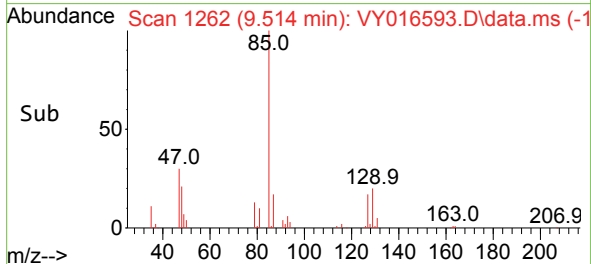
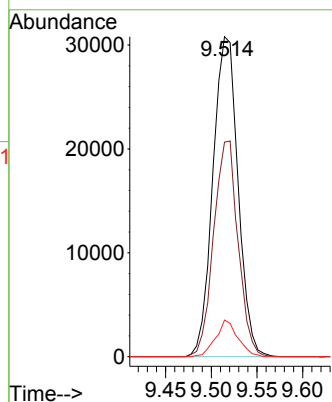
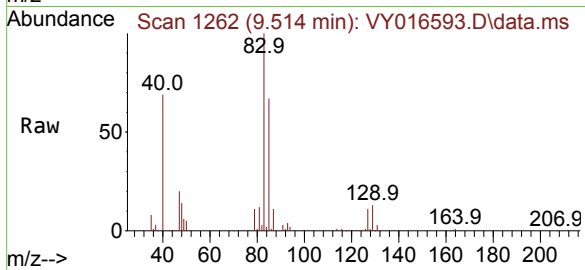
Tgt Ion: 83 Resp: 58856

Ion Ratio Lower Upper

83 100

85 67.1 50.1 75.1

127 11.4 7.1 10.7#



#48

Methyl methacrylate

Concen: 20.209 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.012 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

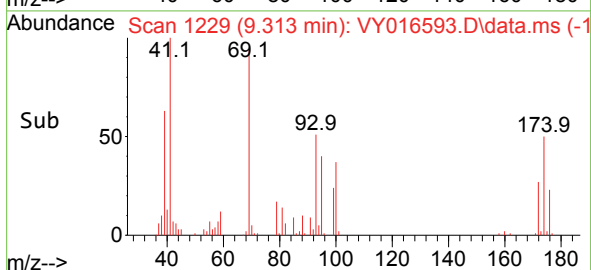
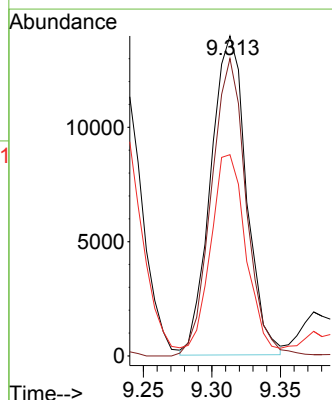
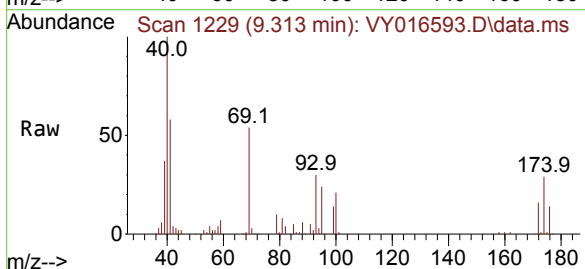
Tgt Ion: 41 Resp: 25334

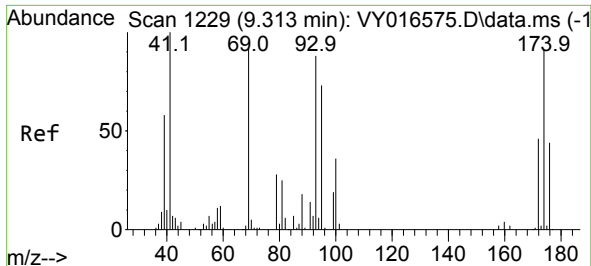
Ion Ratio Lower Upper

41 100

69 91.3 64.5 96.7

39 58.8 50.8 76.2





#49

1,4-Dioxane

Concen: 414.108 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

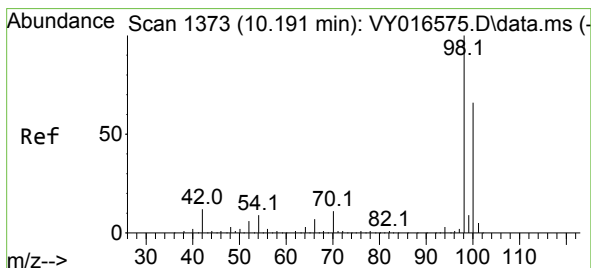
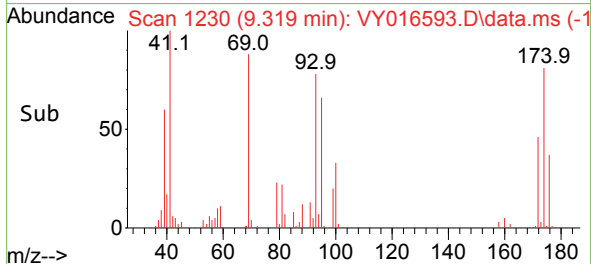
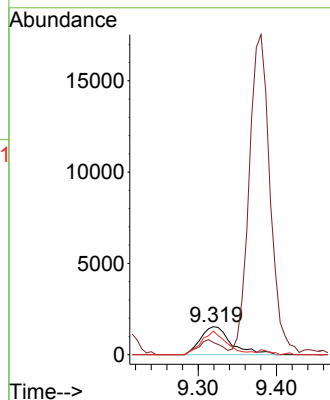
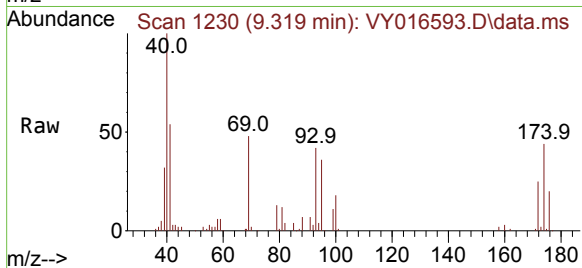
Tgt Ion: 88 Resp: 4193

Ion Ratio Lower Upper

88 100

43 38.0 0.0 0.0#

58 67.6 30.9 46.3#



#50

Toluene-d8

Concen: 56.877 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016593.D

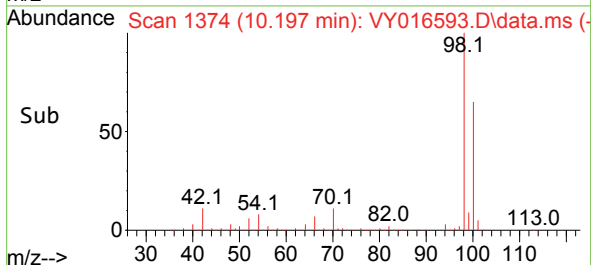
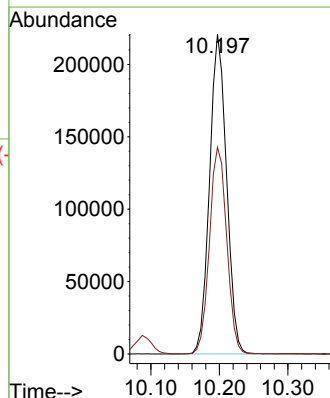
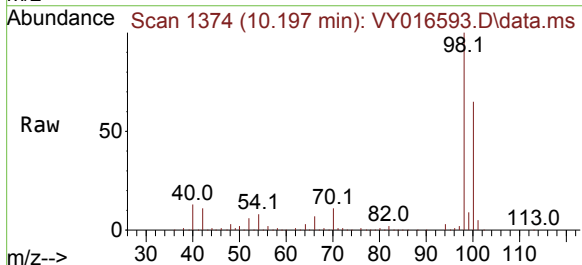
Acq: 05 Dec 2023 13:32

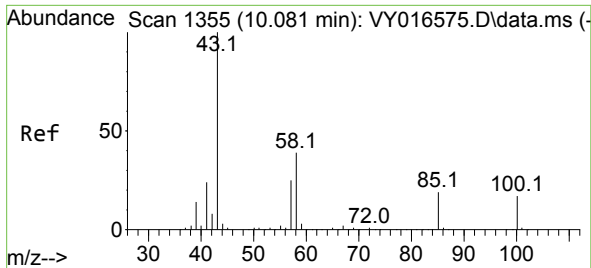
Tgt Ion: 98 Resp: 380578

Ion Ratio Lower Upper

98 100

100 65.6 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 101.877 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

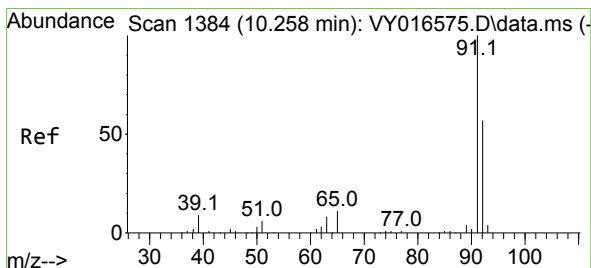
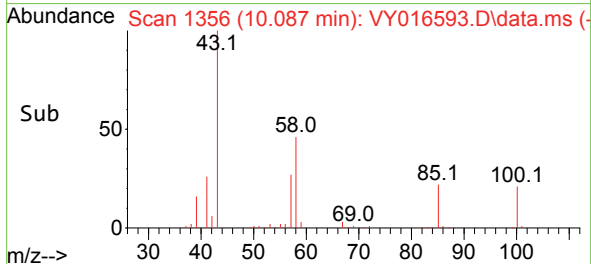
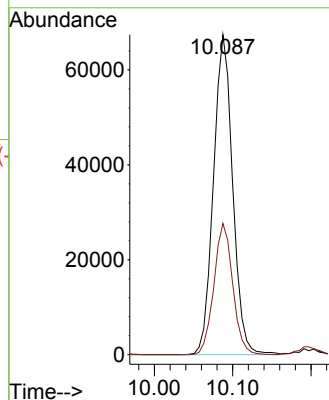
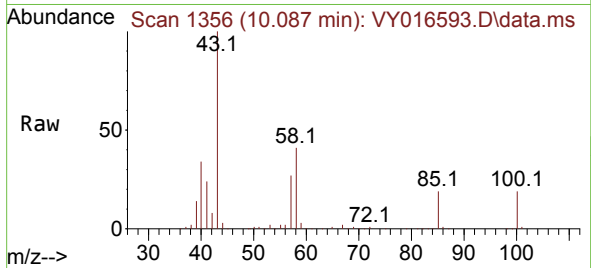
VY1205SBS02

Tgt Ion: 43 Resp: 114923

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6



#52

Toluene

Concen: 22.844 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VY016593.D

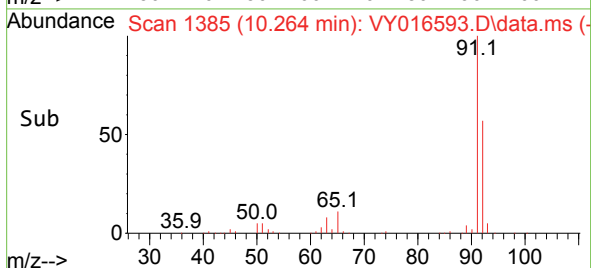
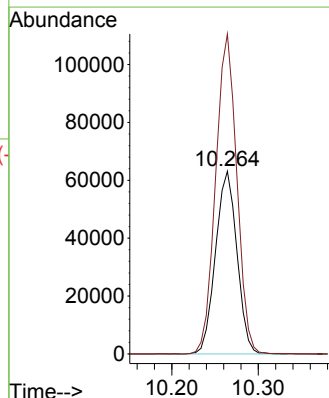
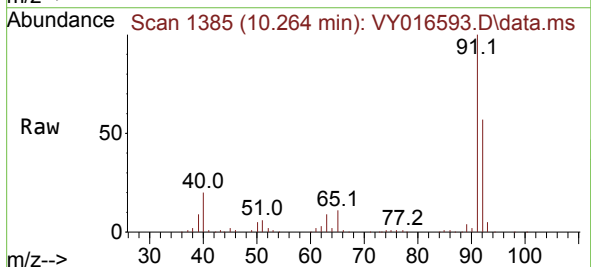
Acq: 05 Dec 2023 13:32

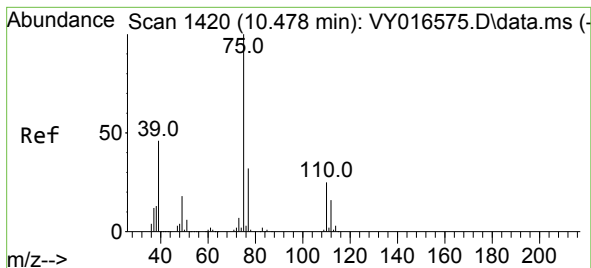
Tgt Ion: 92 Resp: 108518

Ion Ratio Lower Upper

92 100

91 173.0 143.8 215.6

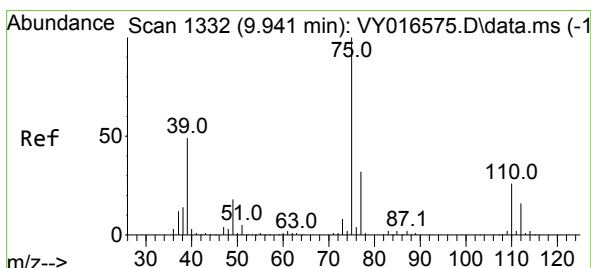
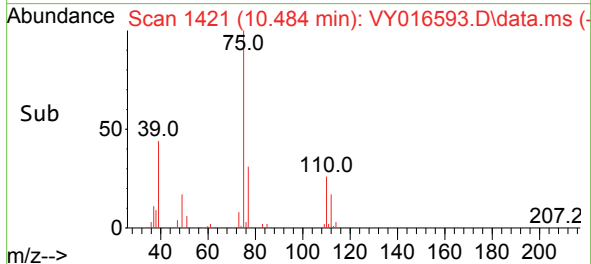
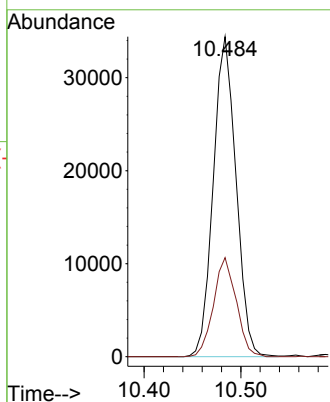
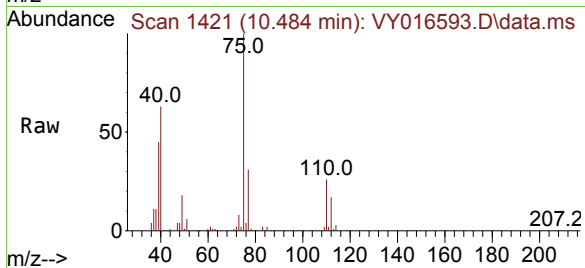




#53
t-1,3-Dichloropropene
Concen: 22.346 ug/l
RT: 10.484 min Scan# 1420
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

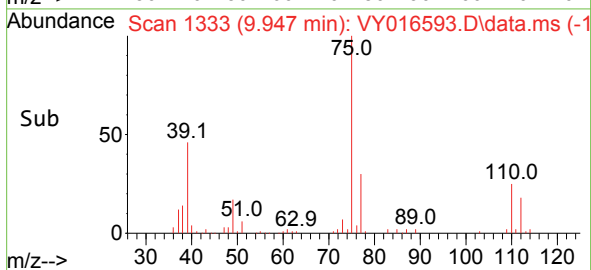
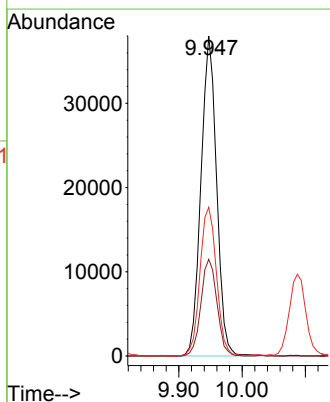
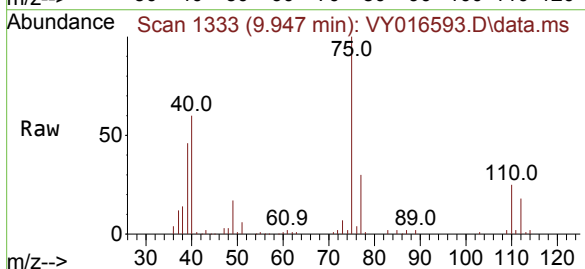
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

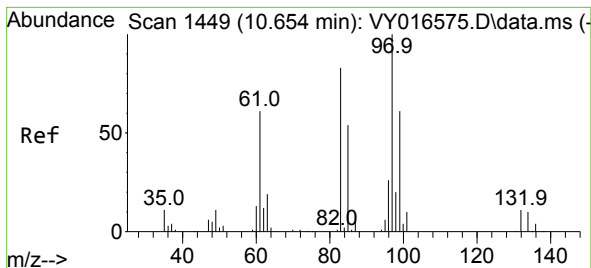
Tgt Ion: 75 Resp: 56164
Ion Ratio Lower Upper
75 100
77 30.9 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 22.156 ug/l
RT: 9.947 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 75 Resp: 65401
Ion Ratio Lower Upper
75 100
77 30.2 24.2 36.4
39 46.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 21.874 ug/l

RT: 10.661 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

Tgt Ion: 97 Resp: 30481

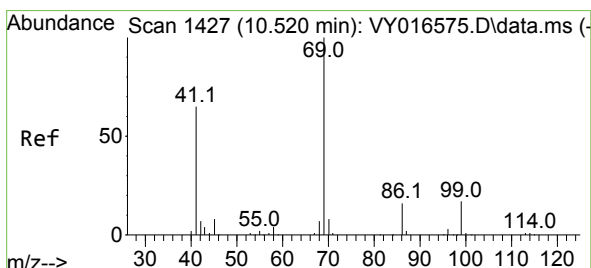
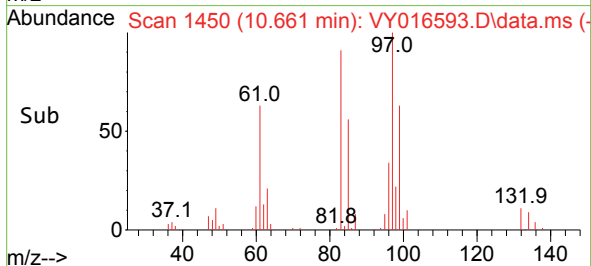
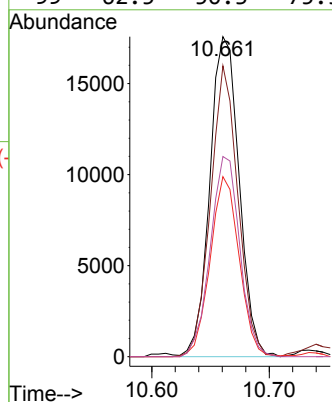
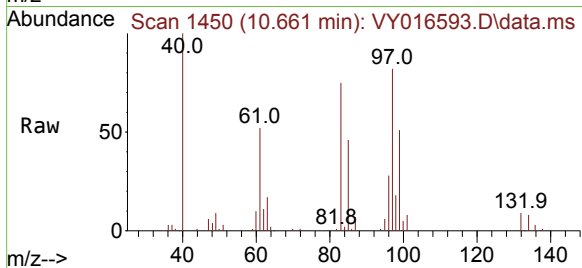
Ion Ratio Lower Upper

97 100

83 90.9 72.0 108.0

85 56.3 45.4 68.0

99 62.5 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.673 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

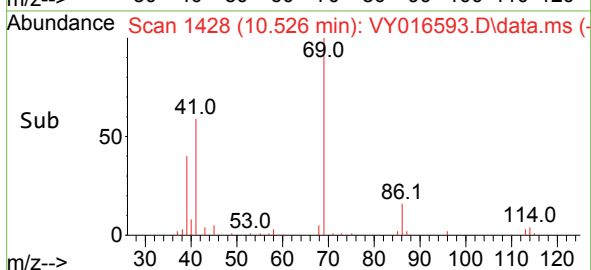
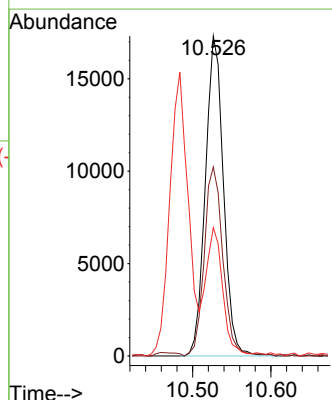
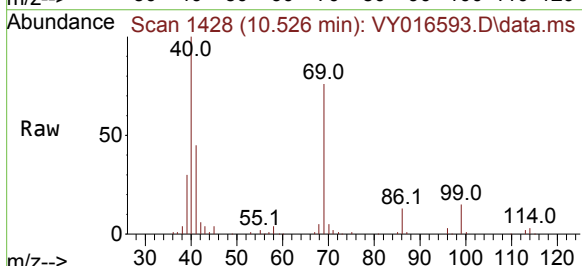
Tgt Ion: 69 Resp: 27683

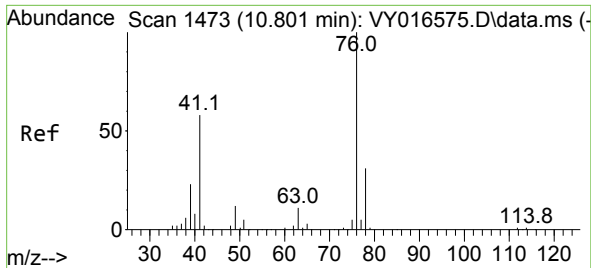
Ion Ratio Lower Upper

69 100

41 61.3 57.6 86.4

39 36.2 34.1 51.1

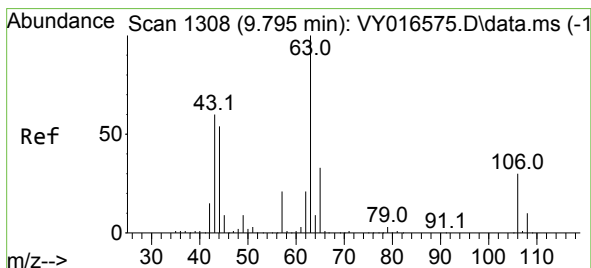
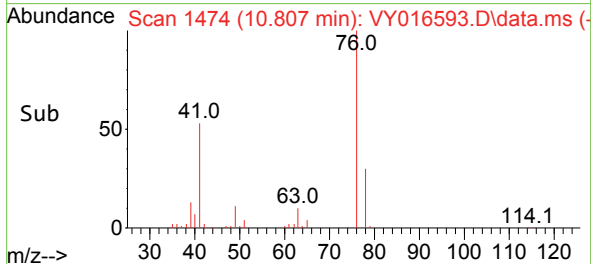
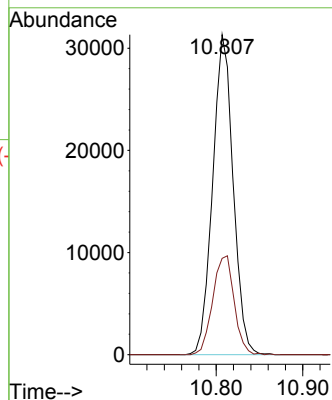
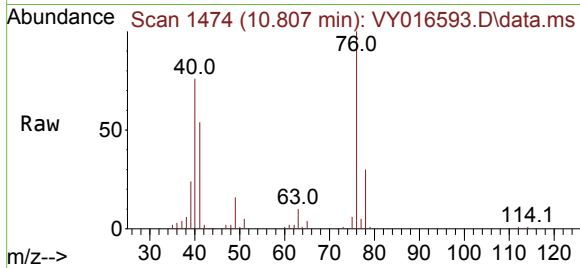




#57
1,3-Dichloropropane
Concen: 21.852 ug/l
RT: 10.807 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

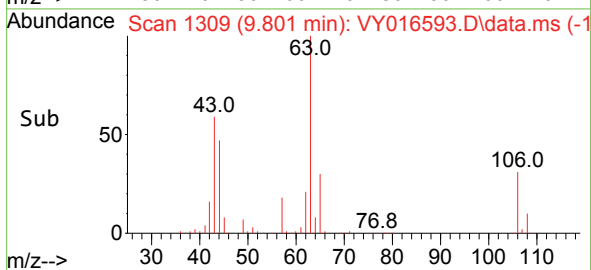
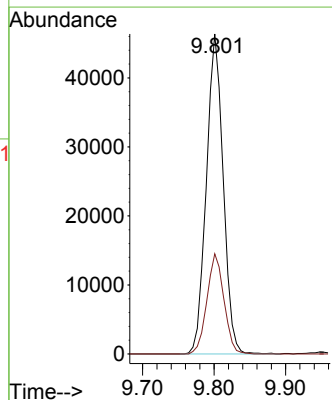
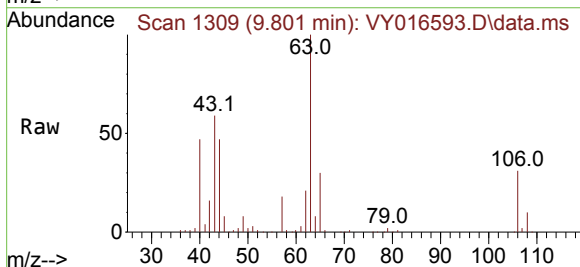
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

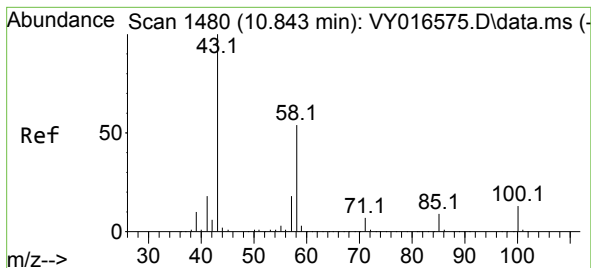
Tgt Ion: 76 Resp: 51441
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 96.337 ug/l
RT: 9.801 min Scan# 1309
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 63 Resp: 75832
Ion Ratio Lower Upper
63 100
106 31.6 21.2 31.8





#59

2-Hexanone

Concen: 114.813 ug/l

RT: 10.850 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

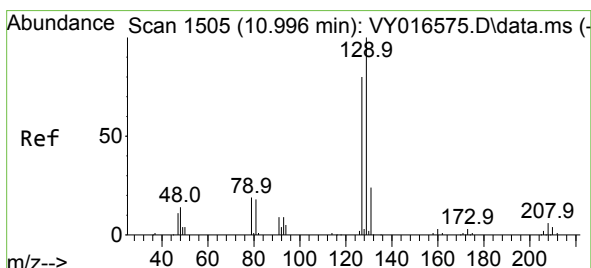
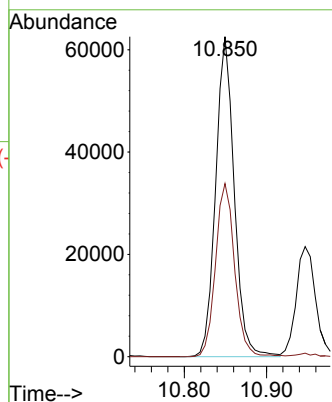
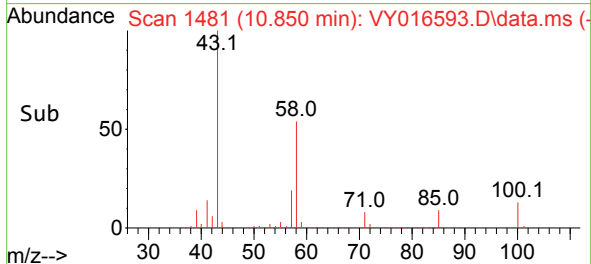
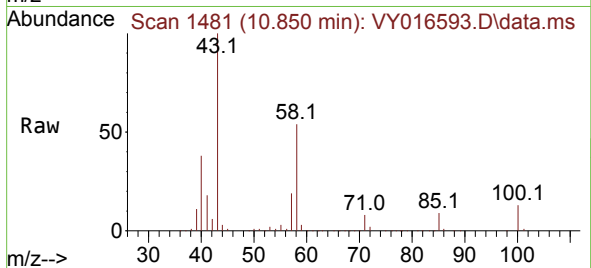
VY1205SBSD02

Tgt Ion: 43 Resp: 97976

Ion Ratio Lower Upper

43 100

58 55.6 25.1 75.3



#60

Dibromochloromethane

Concen: 22.737 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016593.D

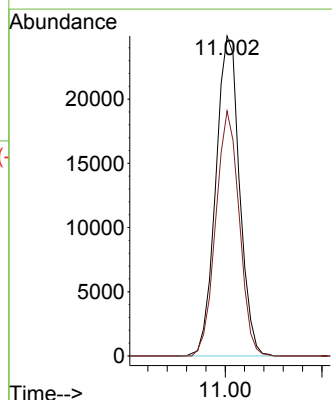
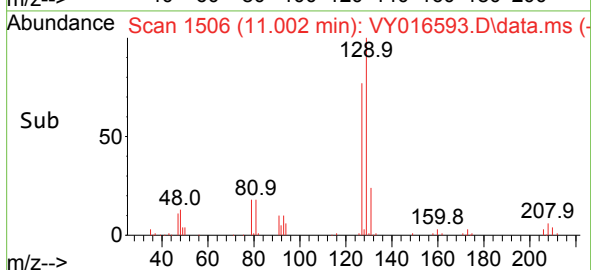
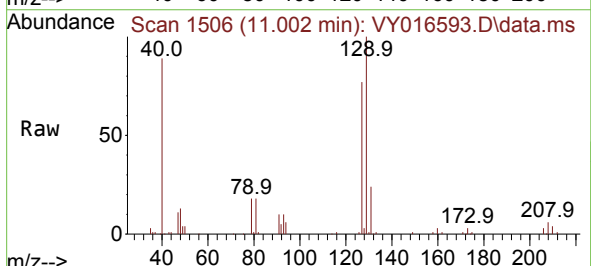
Acq: 05 Dec 2023 13:32

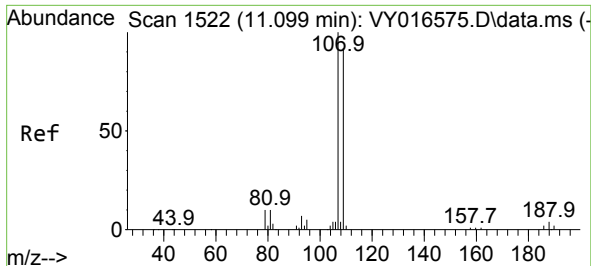
Tgt Ion: 129 Resp: 42333

Ion Ratio Lower Upper

129 100

127 75.7 38.5 115.5

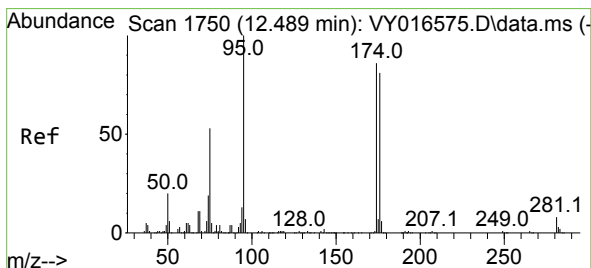
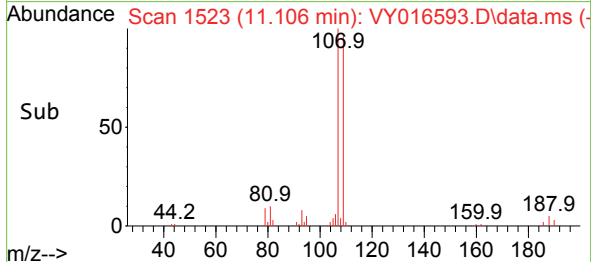
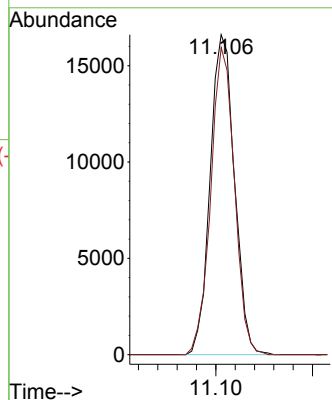
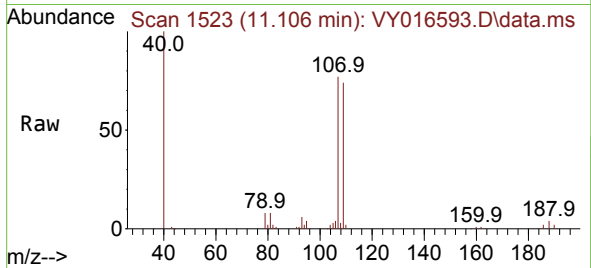




#61
1,2-Dibromoethane
Concen: 22.096 ug/l
RT: 11.106 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

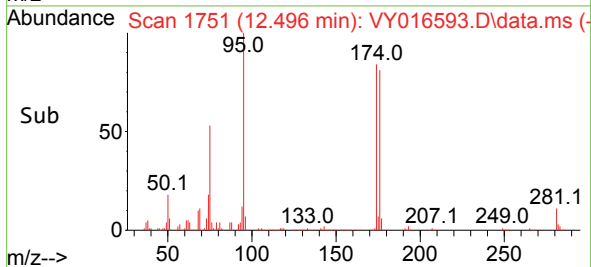
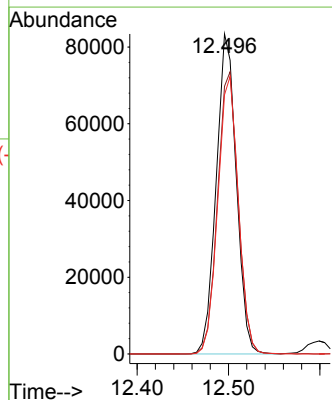
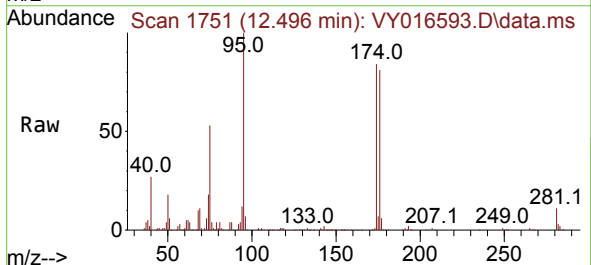
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

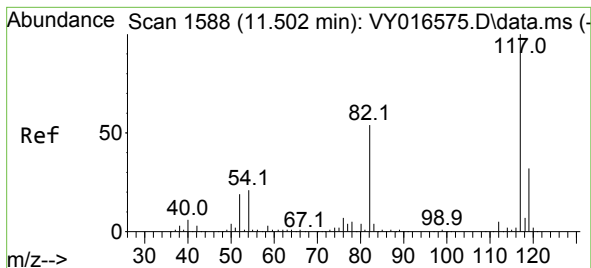
Tgt Ion:107 Resp: 28960
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.834 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 95 Resp: 127261
Ion Ratio Lower Upper
95 100
174 90.6 0.0 178.2
176 88.8 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: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

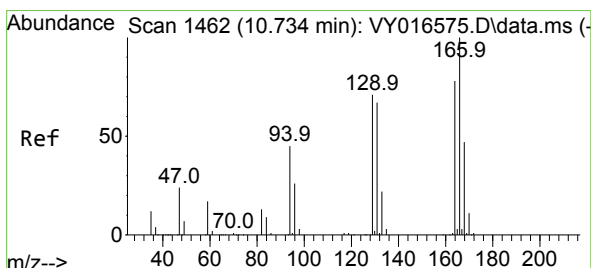
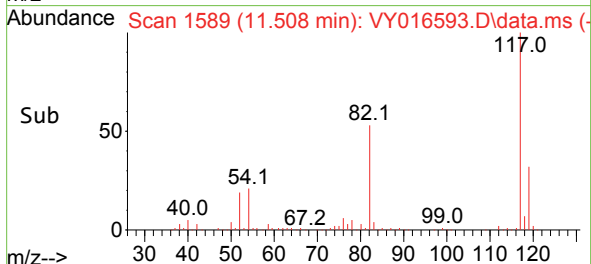
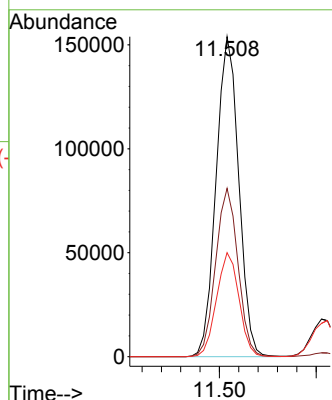
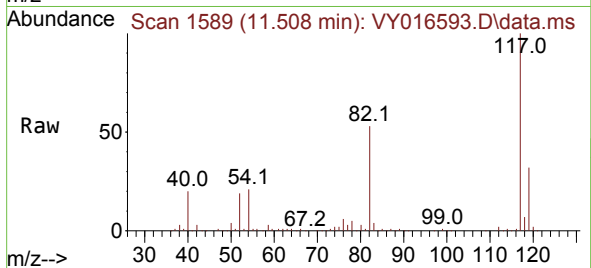
Tgt Ion:117 Resp: 249932

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 23.678 ug/l

RT: 10.740 min Scan# 1463

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Tgt Ion:164 Resp: 54235

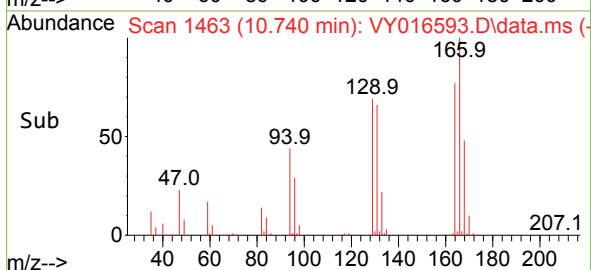
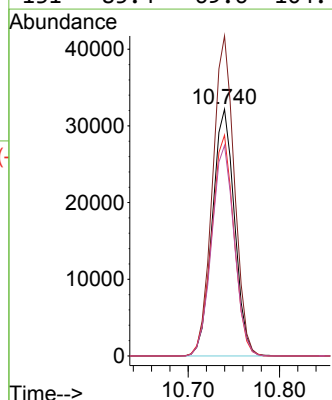
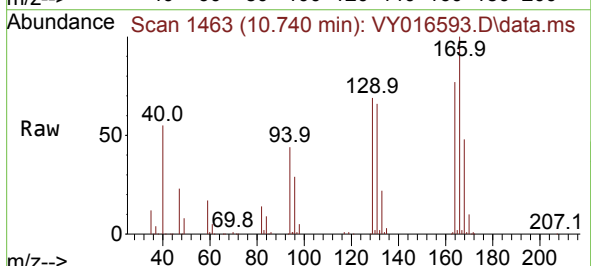
Ion Ratio Lower Upper

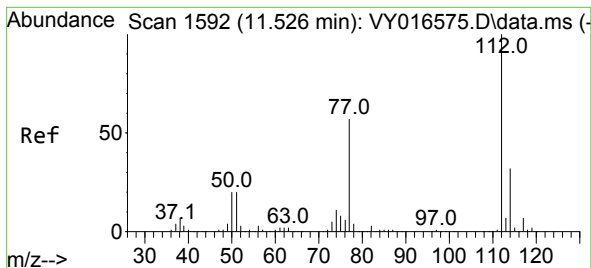
164 100

166 129.7 103.0 154.6

129 89.5 77.2 115.8

131 85.4 69.6 104.4





#65

Chlorobenzene

Concen: 23.307 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

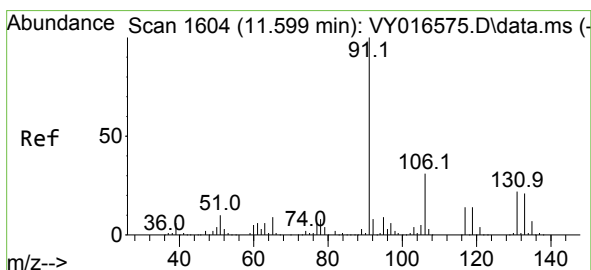
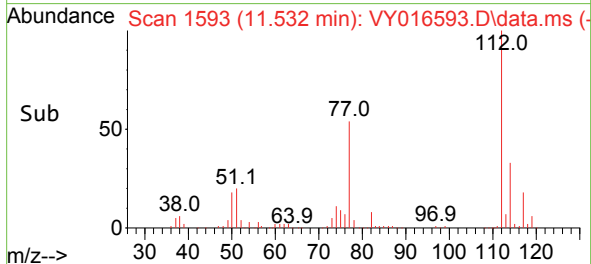
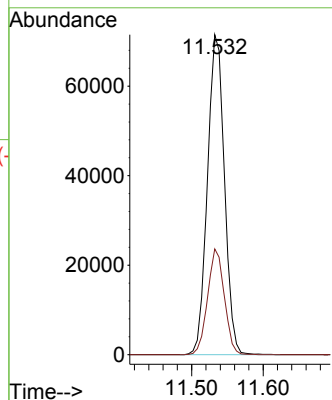
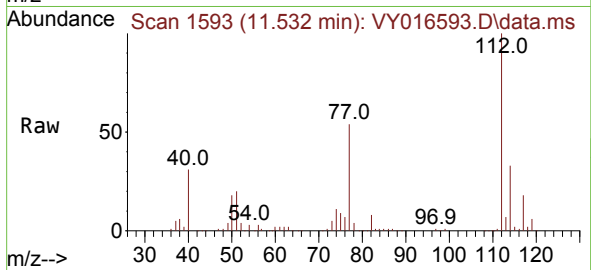
VY1205SBSD02

Tgt Ion:112 Resp: 117986

Ion Ratio Lower Upper

112 100

114 33.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 23.577 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

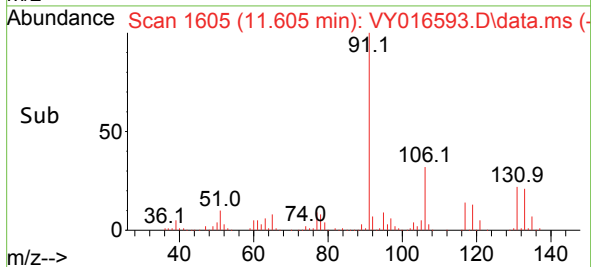
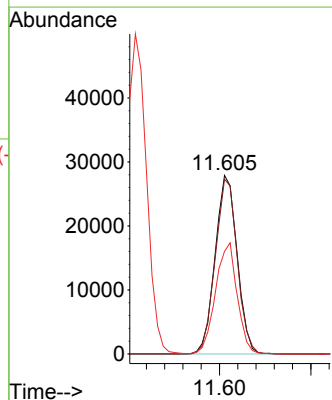
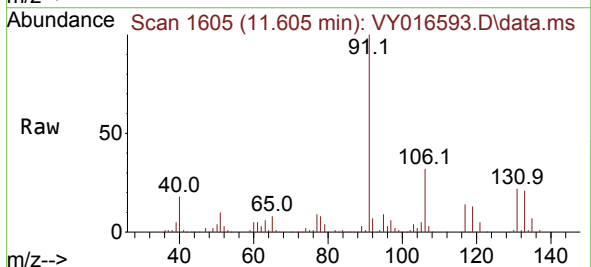
Tgt Ion:131 Resp: 46649

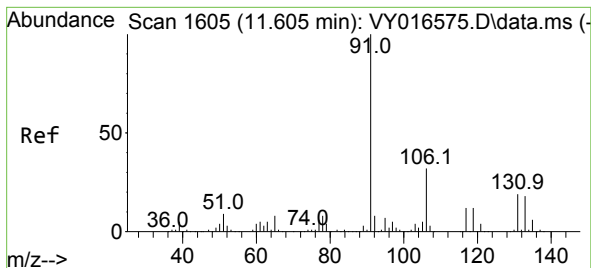
Ion Ratio Lower Upper

131 100

133 97.6 47.5 142.6

119 61.3 31.6 94.7





#67

Ethyl Benzene

Concen: 23.457 ug/l

RT: 11.612 min Scan# 1606

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

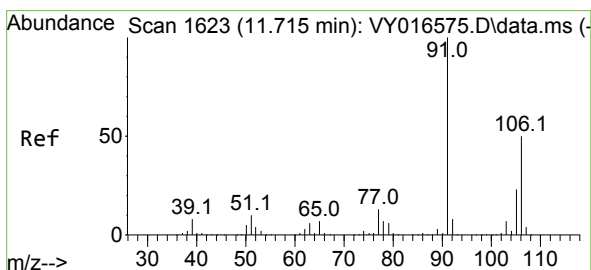
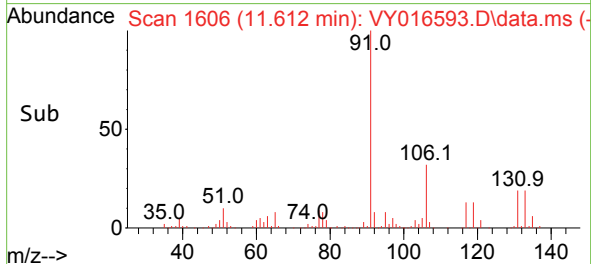
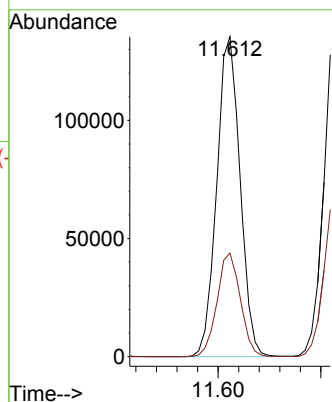
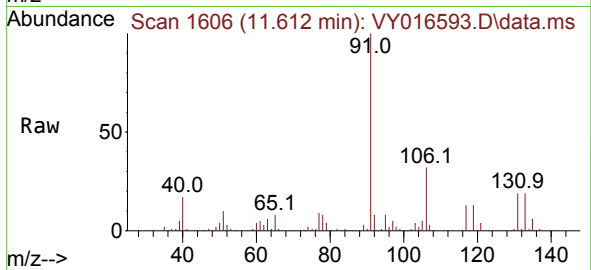
VY1205SBS02

Tgt Ion: 91 Resp: 212961

Ion Ratio Lower Upper

91 100

106 32.4 24.6 36.8



#68

m/p-Xylenes

Concen: 47.574 ug/l

RT: 11.721 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VY016593.D

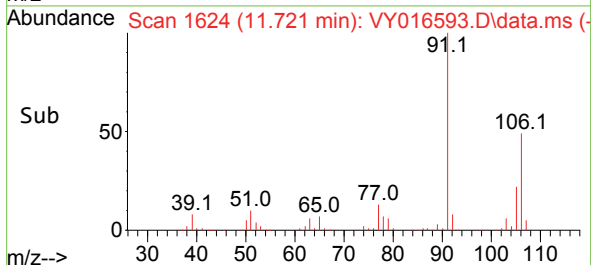
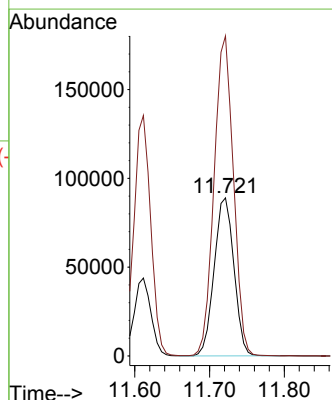
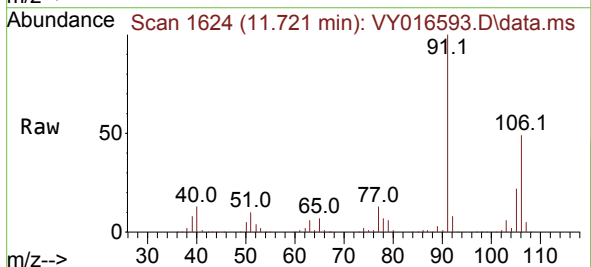
Acq: 05 Dec 2023 13:32

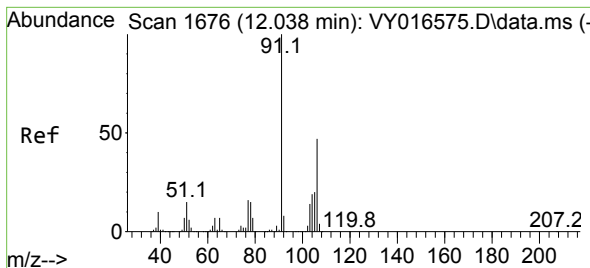
Tgt Ion:106 Resp: 163963

Ion Ratio Lower Upper

106 100

91 198.6 166.1 249.1





#69

o-Xylene

Concen: 23.734 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

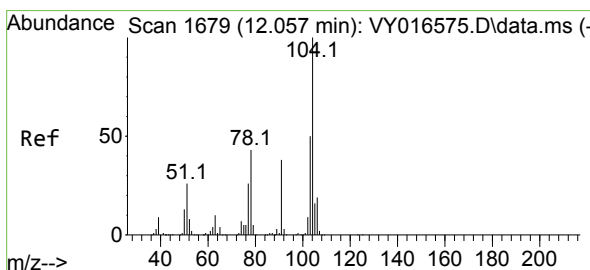
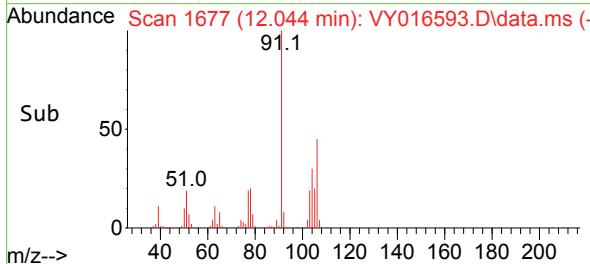
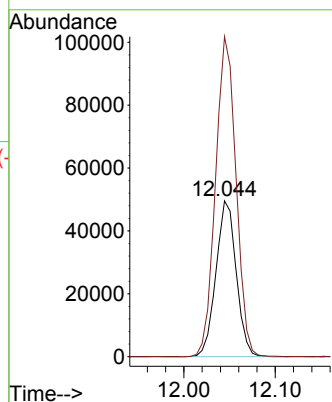
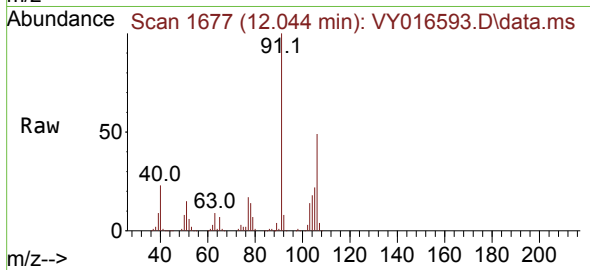
VY1205SBSD02

Tgt Ion:106 Resp: 76362

Ion Ratio Lower Upper

106 100

91 208.0 108.1 324.3



#70

Styrene

Concen: 23.422 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

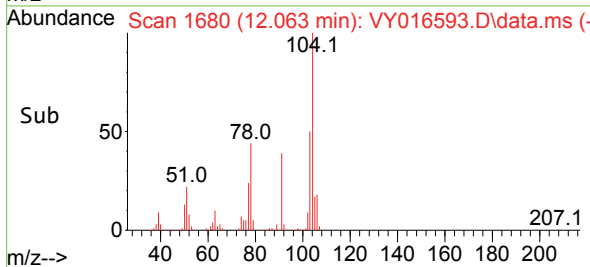
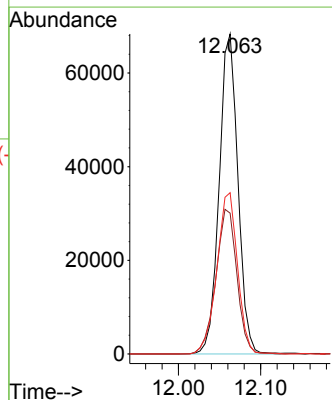
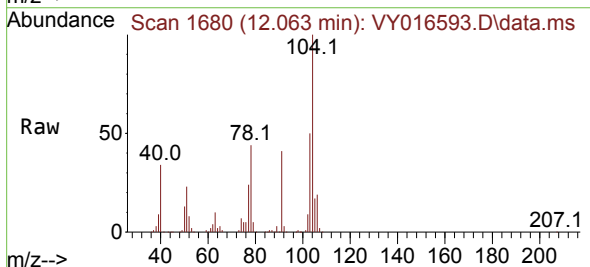
Tgt Ion:104 Resp: 108120

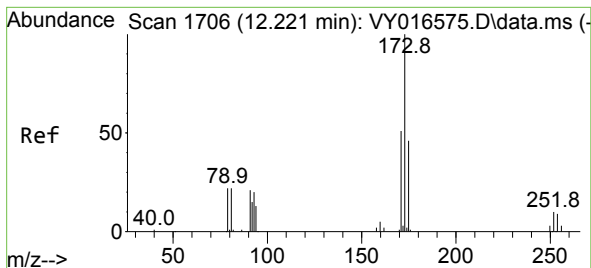
Ion Ratio Lower Upper

104 100

78 50.9 41.5 62.3

103 55.7 44.6 67.0





#71

Bromoform

Concen: 22.983 ug/l

RT: 12.227 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

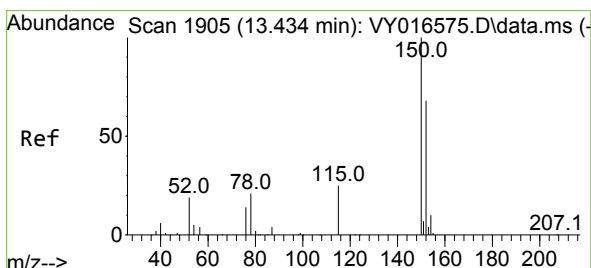
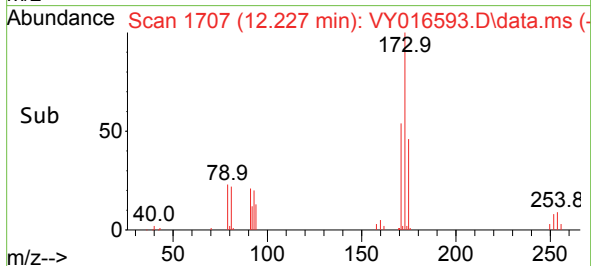
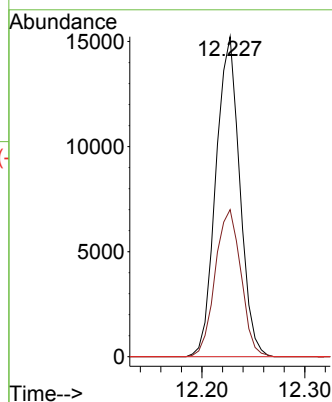
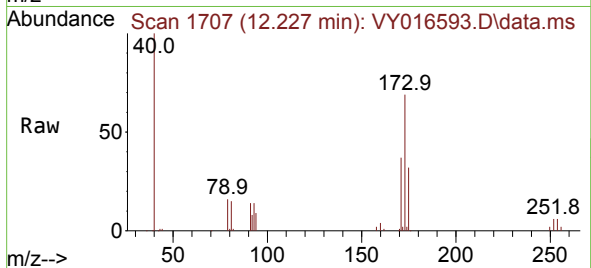
Tgt Ion:173 Resp: 24554

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.441 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

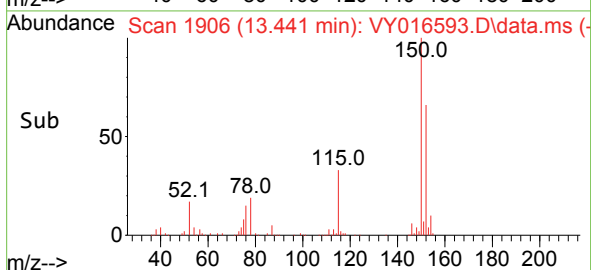
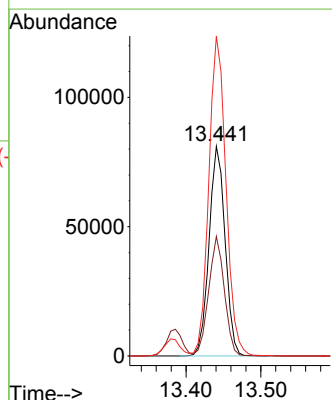
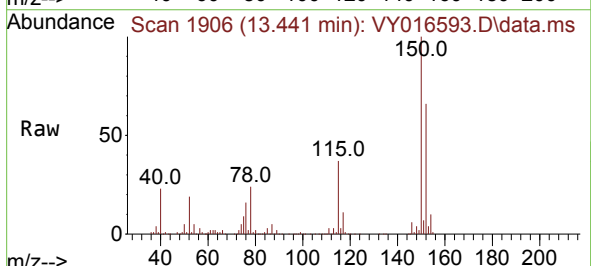
Tgt Ion:152 Resp: 121054

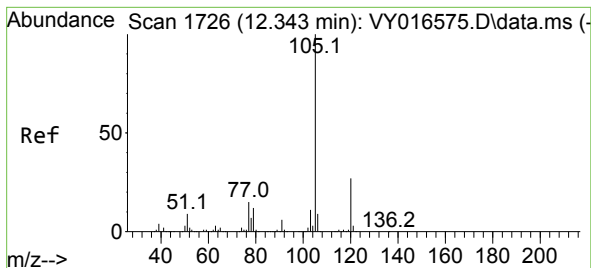
Ion Ratio Lower Upper

152 100

115 55.6 28.8 86.5

150 162.7 0.0 348.8





#73

Isopropylbenzene

Concen: 23.985 ug/l

RT: 12.349 min Scan# 1727

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

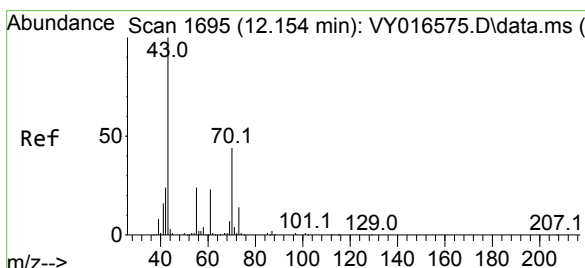
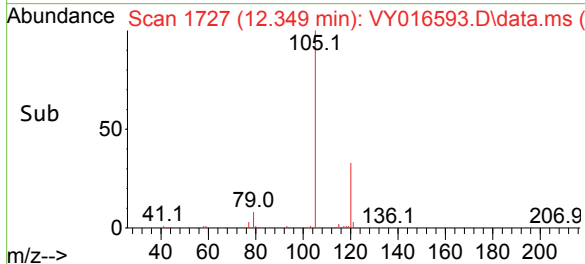
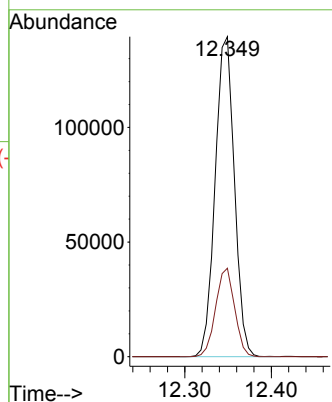
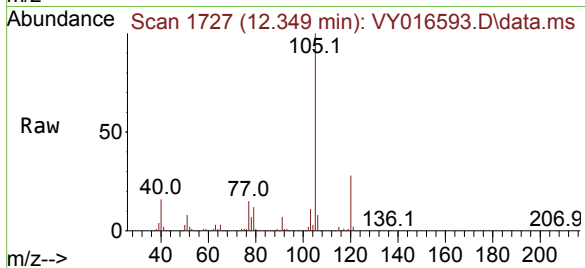
VY1205SBSD02

Tgt Ion:105 Resp: 214994

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-ethyl acetate

Concen: 20.309 ug/l

RT: 12.160 min Scan# 1696

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Tgt Ion: 43 Resp: 36299

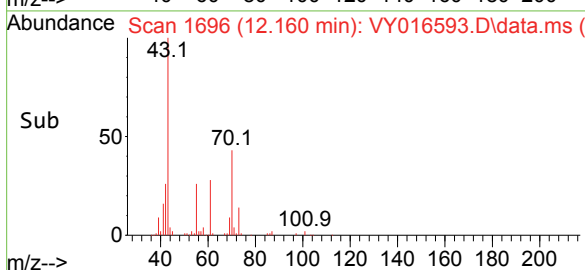
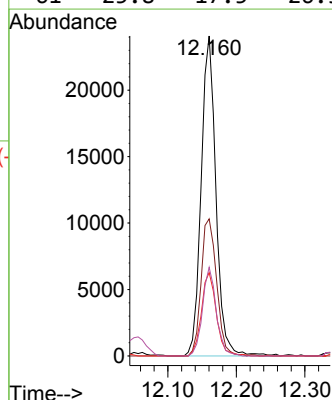
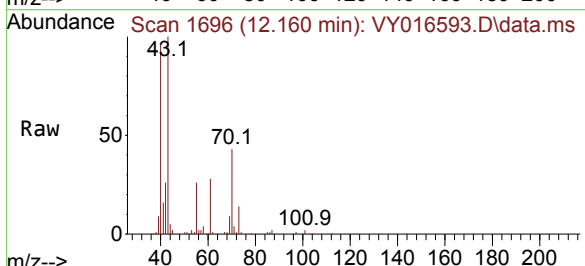
Ion Ratio Lower Upper

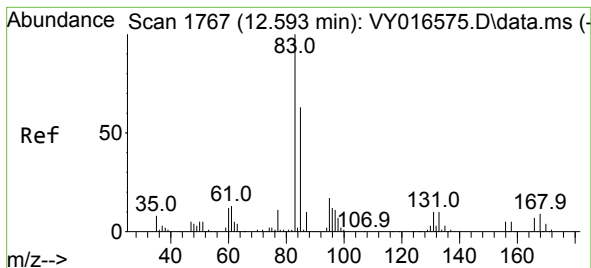
43 100

70 44.8 29.7 44.5

55 26.2 18.3 27.5

61 25.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.265 ug/l

RT: 12.599 min Scan# 1768

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

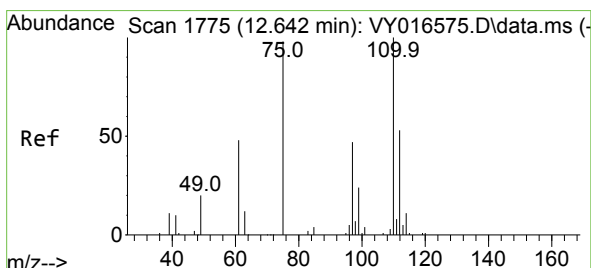
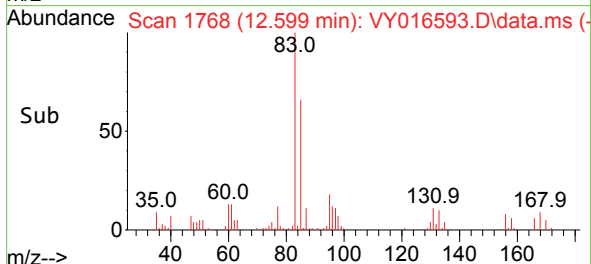
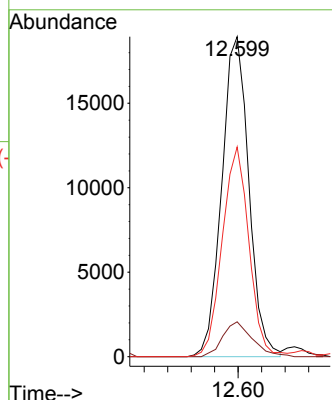
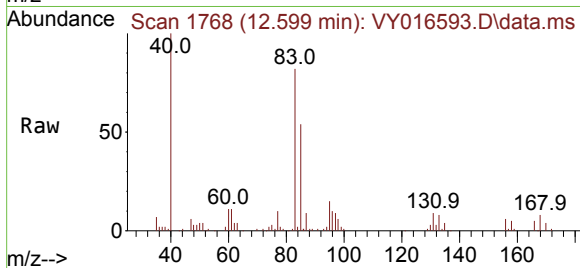
Tgt Ion: 83 Resp: 30317

Ion Ratio Lower Upper

83 100

131 12.0 5.4 16.2

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.306 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016593.D

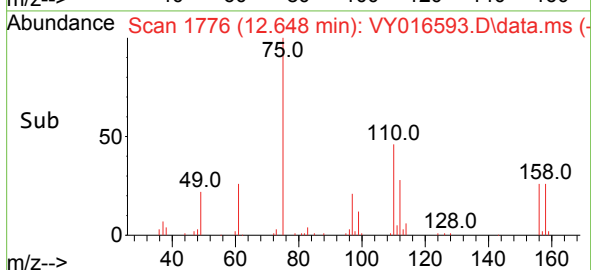
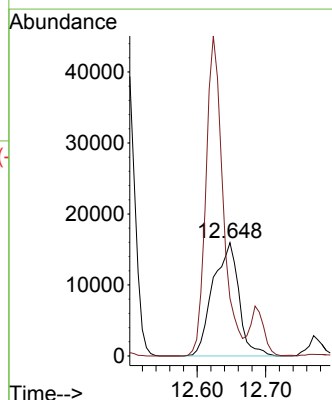
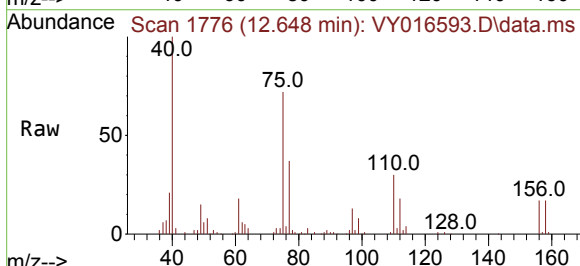
Acq: 05 Dec 2023 13:32

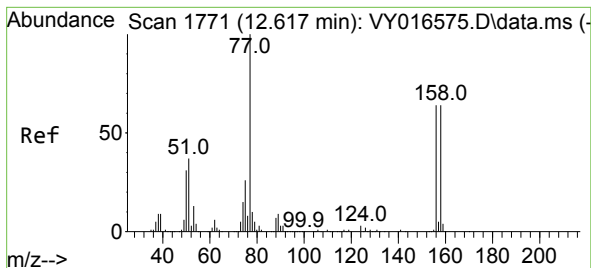
Tgt Ion: 75 Resp: 41888

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.618 ug/l

RT: 12.624 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

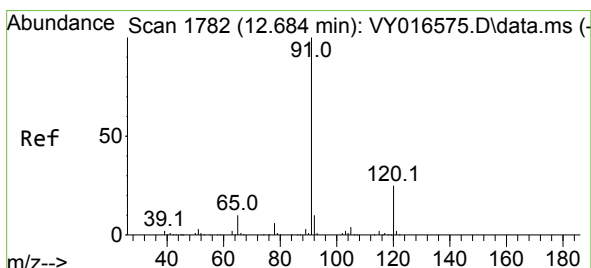
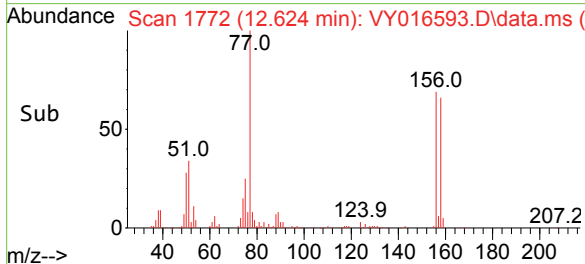
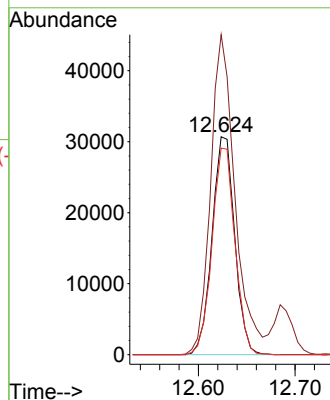
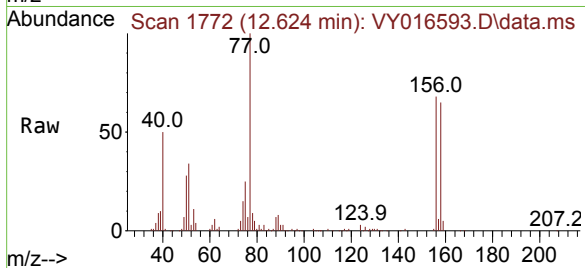
Tgt Ion:156 Resp: 49895

Ion Ratio Lower Upper

156 100

77 157.4 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 23.530 ug/l

RT: 12.685 min Scan# 1782

Delta R.T. 0.000 min

Lab File: VY016593.D

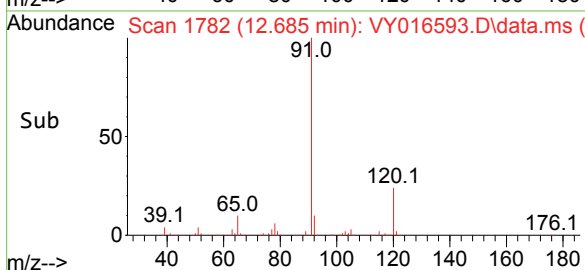
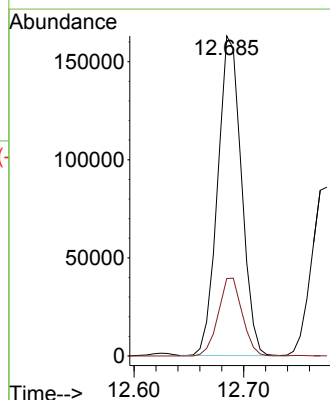
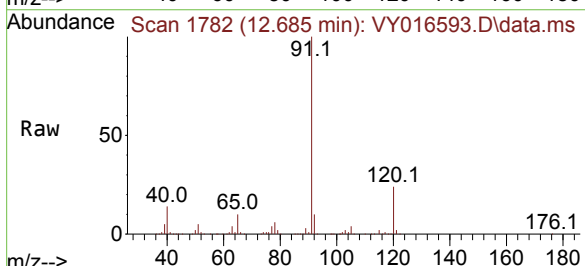
Acq: 05 Dec 2023 13:32

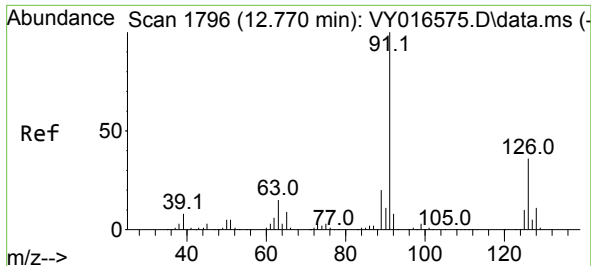
Tgt Ion: 91 Resp: 245488

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4

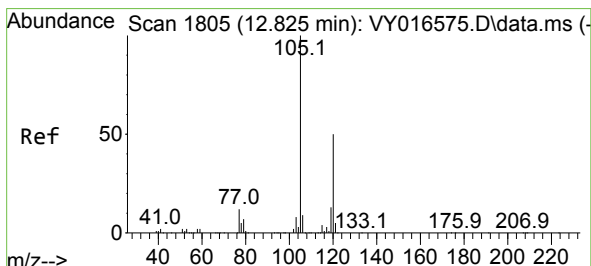
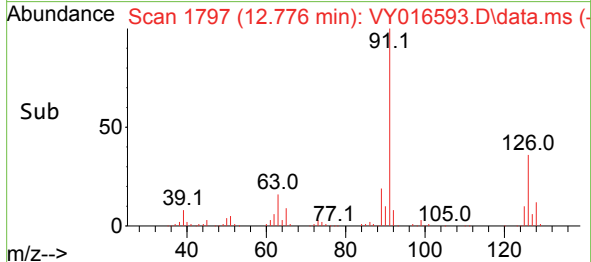
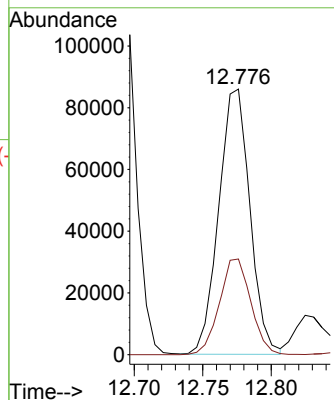
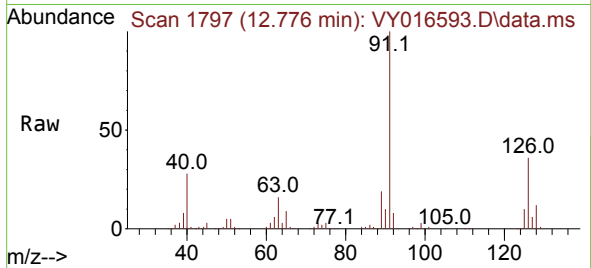




#79
2-Chlorotoluene
Concen: 23.160 ug/l
RT: 12.776 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

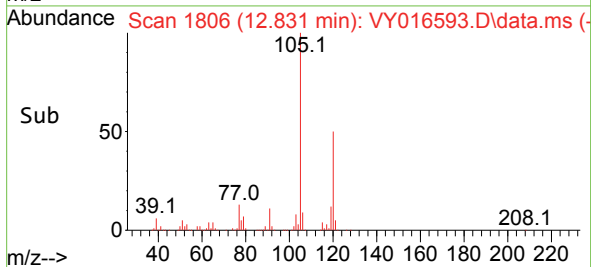
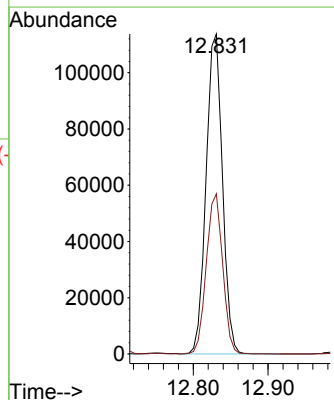
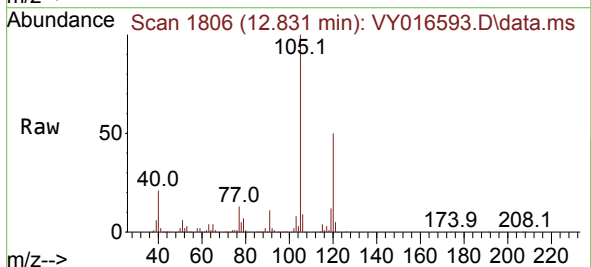
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

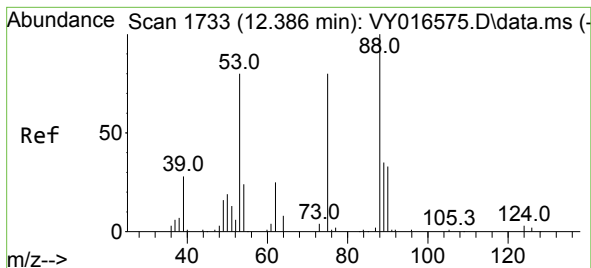
Tgt Ion: 91 Resp: 136164
Ion Ratio Lower Upper
91 100
126 36.4 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 23.751 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion:105 Resp: 172989
Ion Ratio Lower Upper
105 100
120 50.1 23.9 71.7

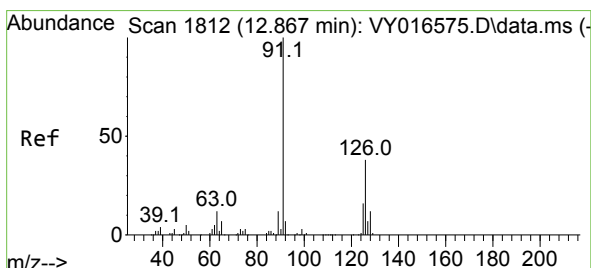
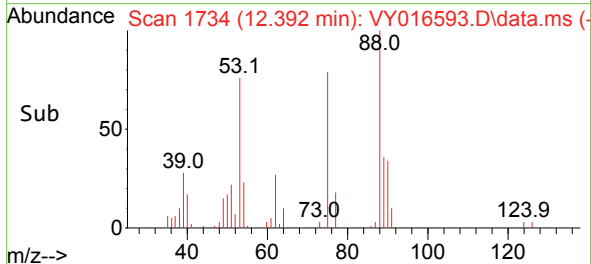
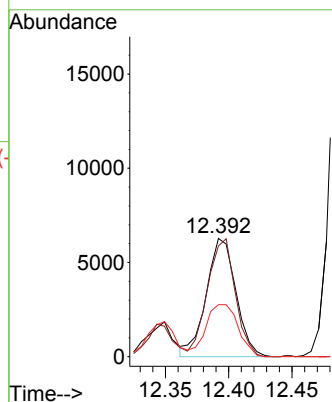
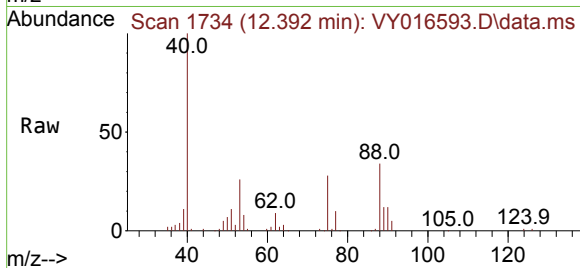




#81
trans-1,4-Dichloro-2-butene
Concen: 21.161 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

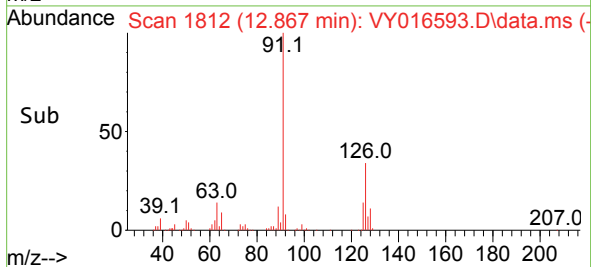
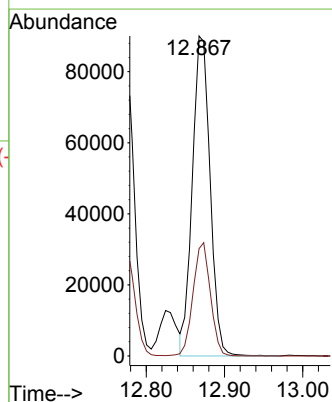
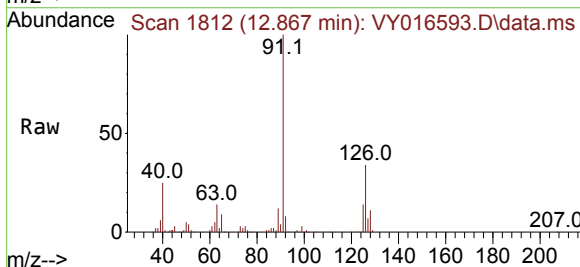
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

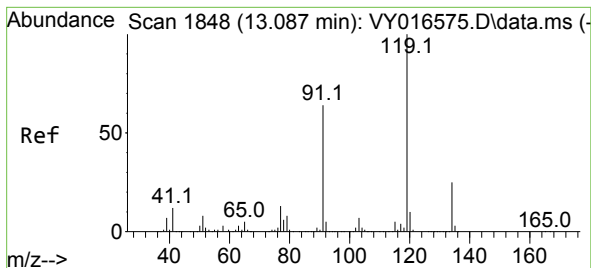
Tgt Ion: 75 Resp: 10258
Ion Ratio Lower Upper
75 100
53 93.1 77.8 116.8
89 47.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 23.359 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 91 Resp: 142104
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 24.754 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

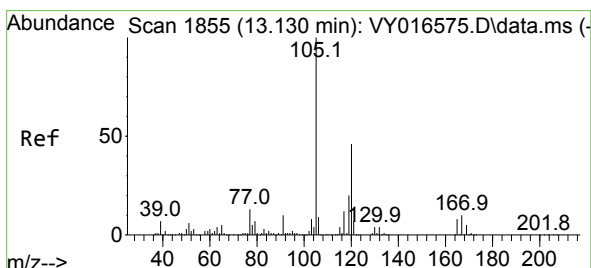
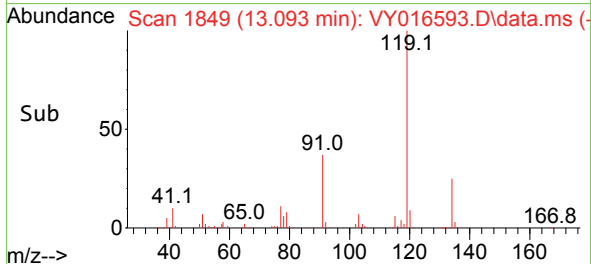
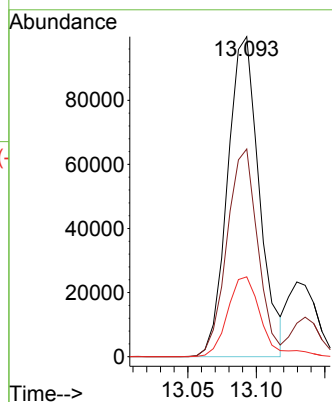
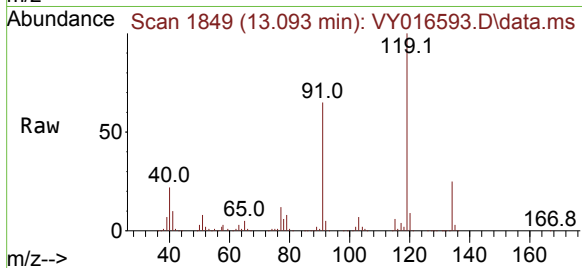
Tgt Ion:119 Resp: 161087

Ion Ratio Lower Upper

119 100

91 63.3 32.9 98.6

134 26.5 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 23.569 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016593.D

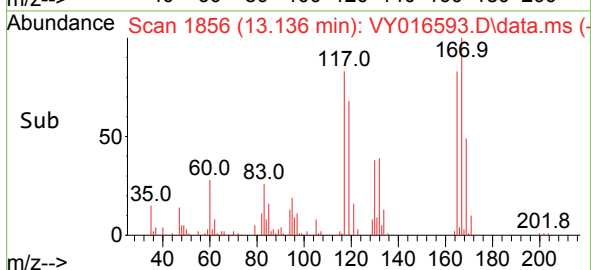
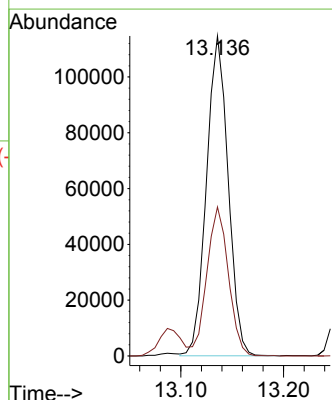
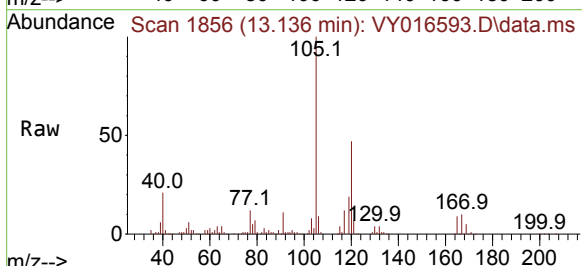
Acq: 05 Dec 2023 13:32

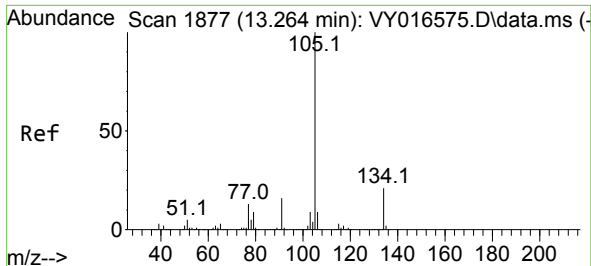
Tgt Ion:105 Resp: 167678

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6

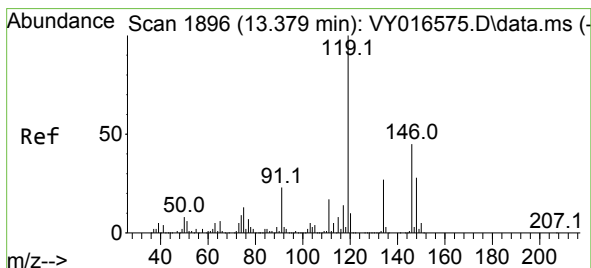
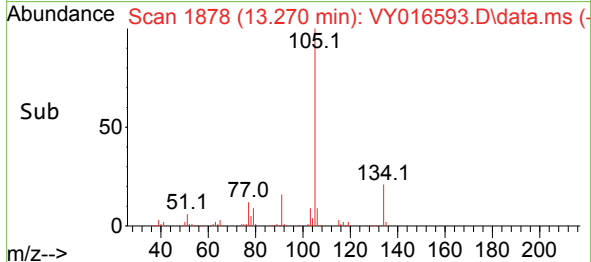
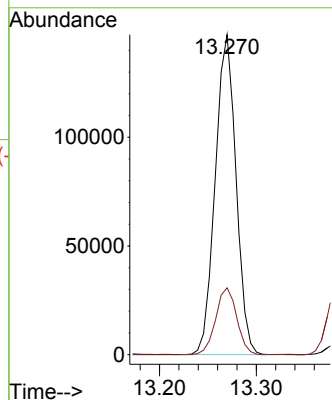
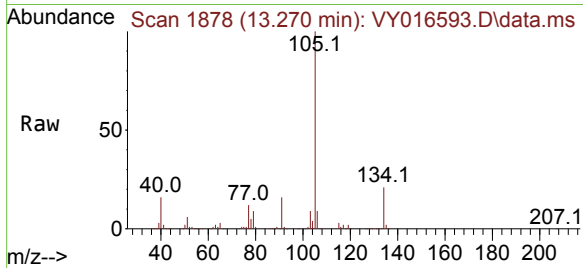




#85
 sec-Butylbenzene
 Concen: 23.988 ug/l
 RT: 13.270 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

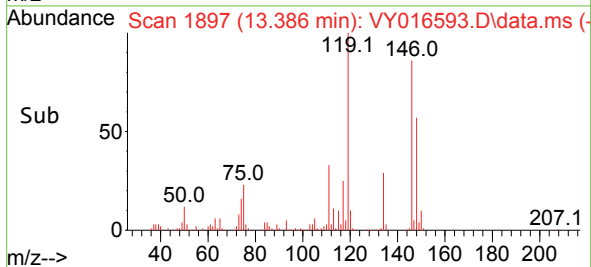
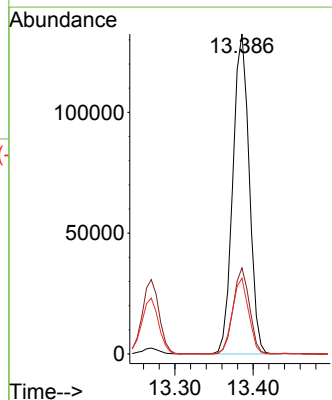
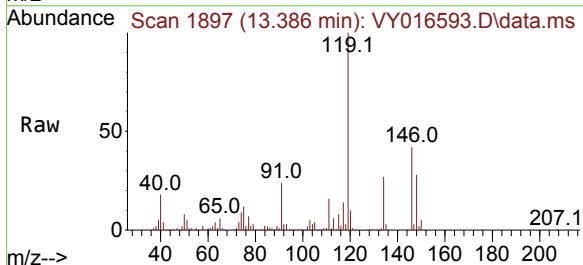
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBSD02

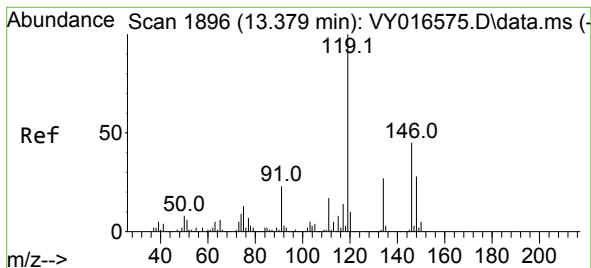
Tgt Ion:105 Resp: 219245
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 24.235 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016593.D
 Acq: 05 Dec 2023 13:32

Tgt Ion:119 Resp: 192279
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.951 ug/l

RT: 13.380 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

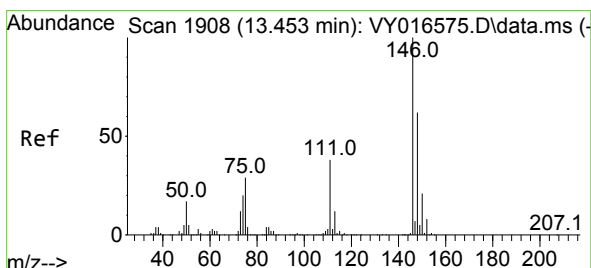
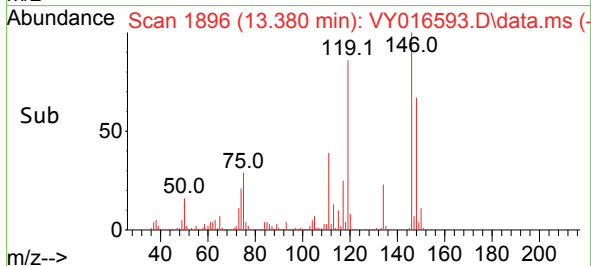
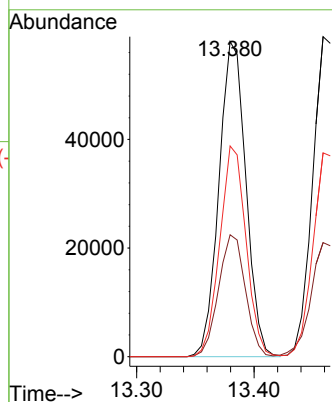
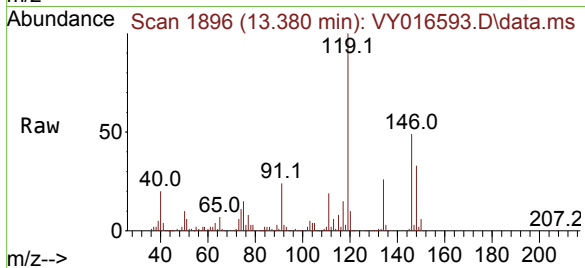
Tgt Ion:146 Resp: 92557

Ion Ratio Lower Upper

146 100

111 38.5 19.4 58.2

148 65.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 23.356 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

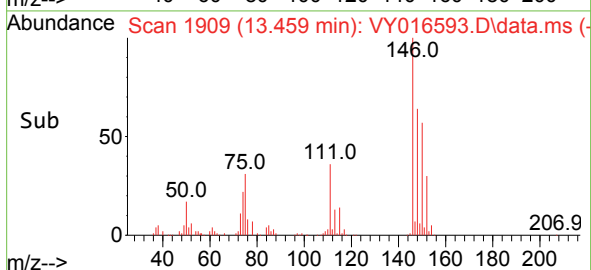
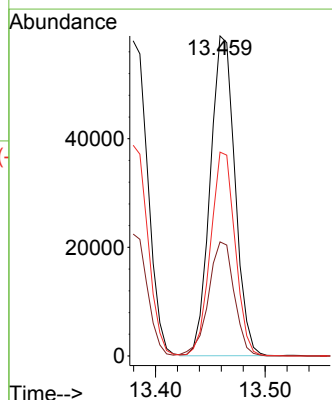
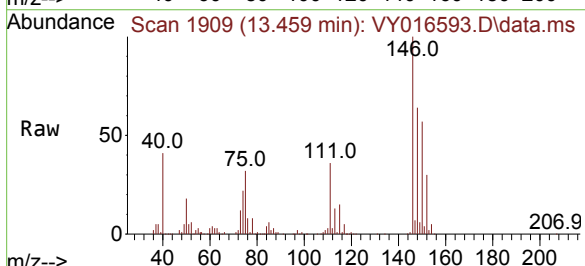
Tgt Ion:146 Resp: 92437

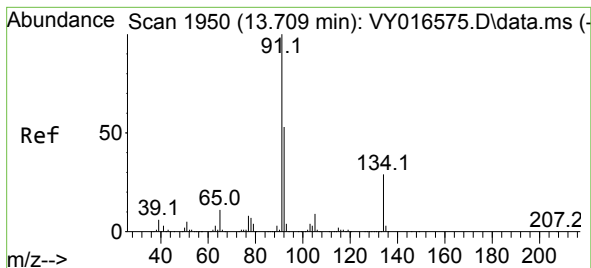
Ion Ratio Lower Upper

146 100

111 37.2 18.9 56.7

148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 23.510 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

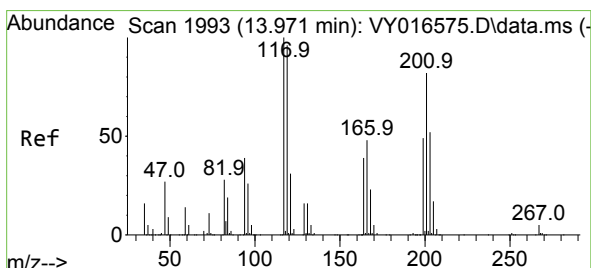
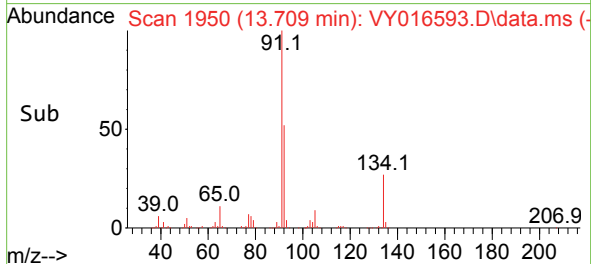
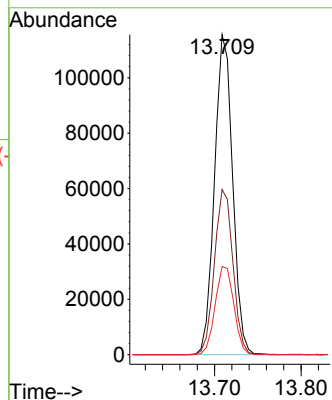
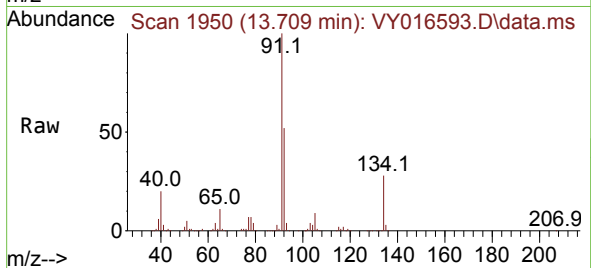
Tgt Ion: 91 Resp: 167748

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 28.5 12.6 37.6



#90

Hexachloroethane

Concen: 22.792 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016593.D

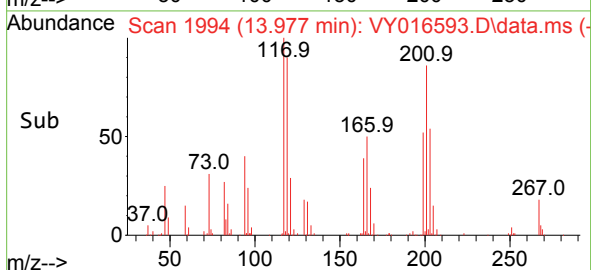
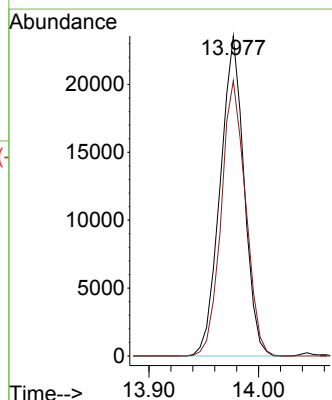
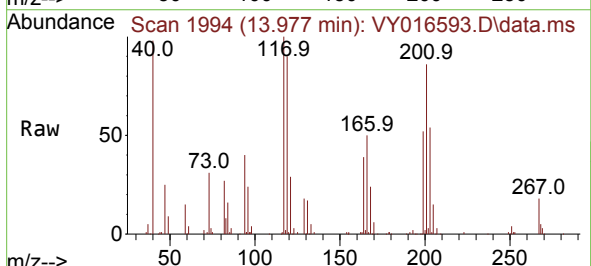
Acq: 05 Dec 2023 13:32

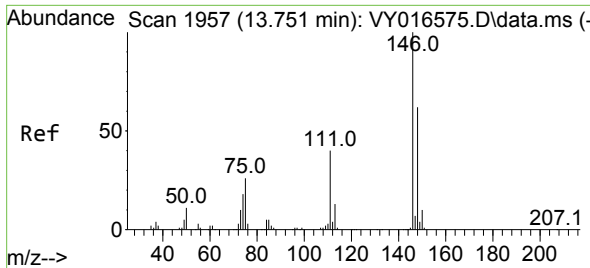
Tgt Ion: 117 Resp: 35580

Ion Ratio Lower Upper

117 100

201 87.7 41.6 124.8

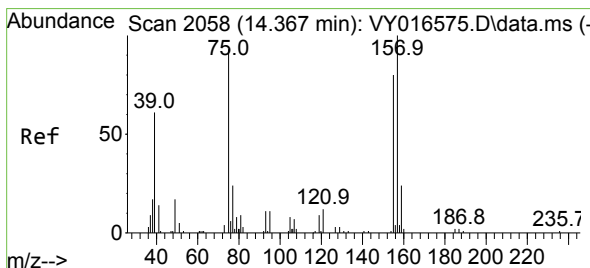
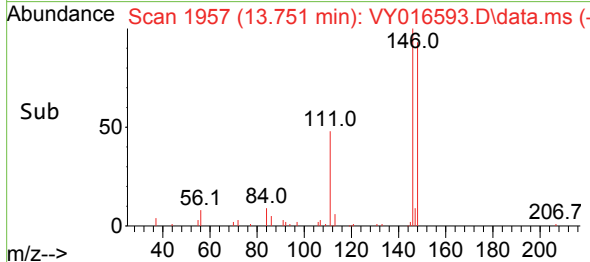
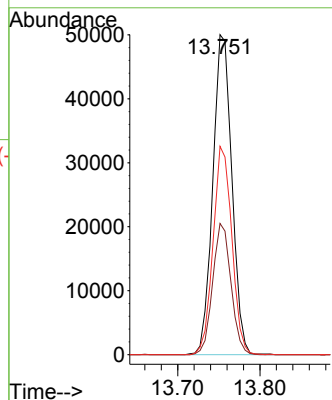
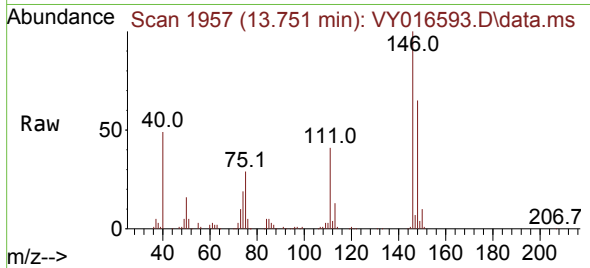




#91
1,2-Dichlorobenzene
Concen: 23.310 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

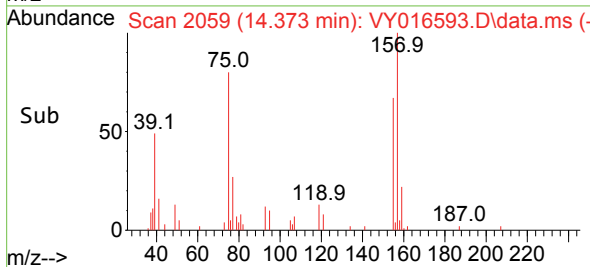
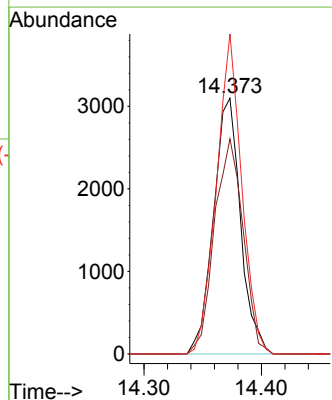
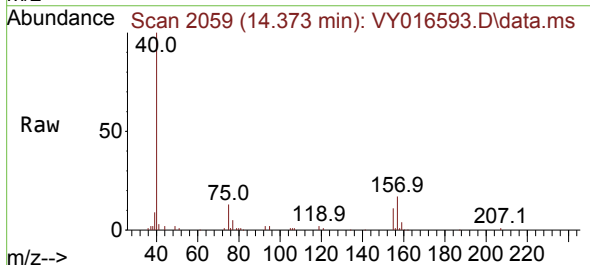
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBSD02

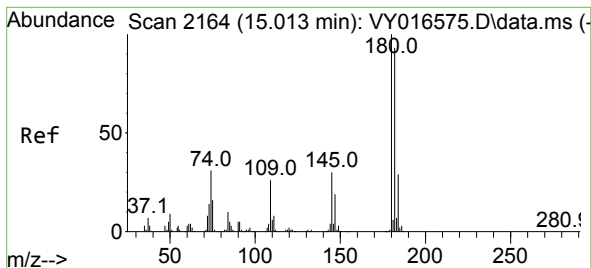
Tgt Ion:146 Resp: 80706
Ion Ratio Lower Upper
146 100
111 39.4 19.7 59.0
148 64.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.753 ug/l
RT: 14.373 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY016593.D
Acq: 05 Dec 2023 13:32

Tgt Ion: 75 Resp: 4963
Ion Ratio Lower Upper
75 100
155 89.1 41.5 124.6
157 116.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 23.524 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

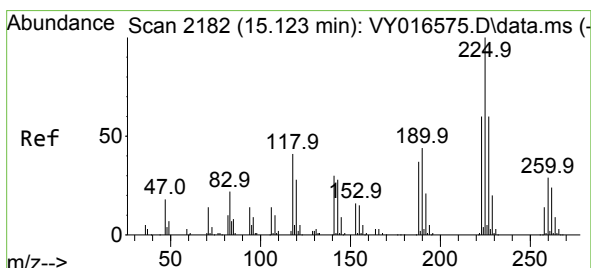
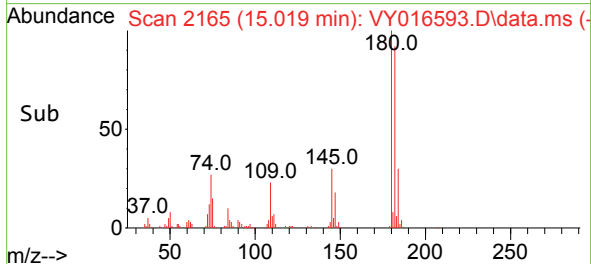
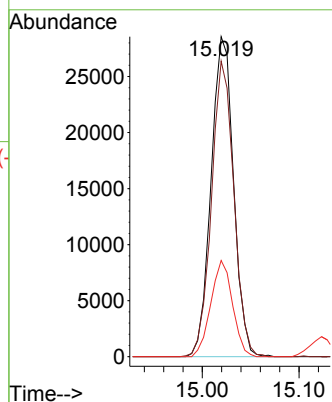
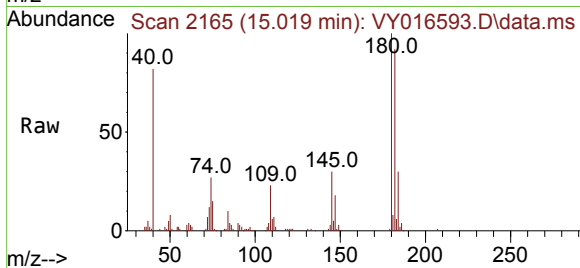
Tgt Ion:180 Resp: 45960

Ion Ratio Lower Upper

180 100

182 91.7 47.0 141.2

145 29.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 24.804 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

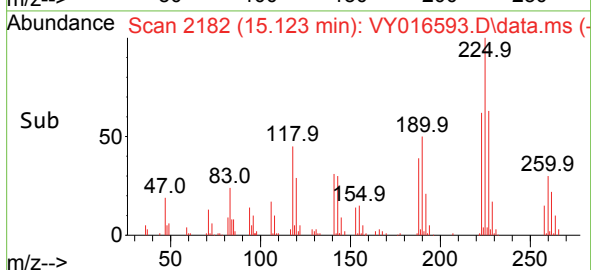
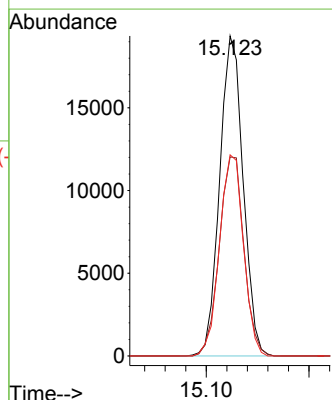
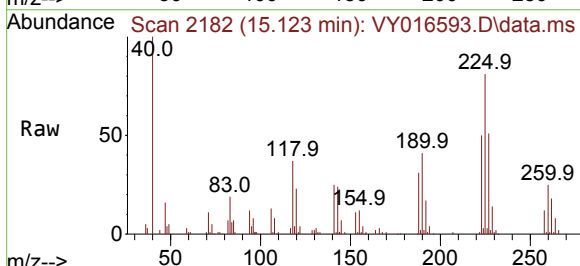
Tgt Ion:225 Resp: 30618

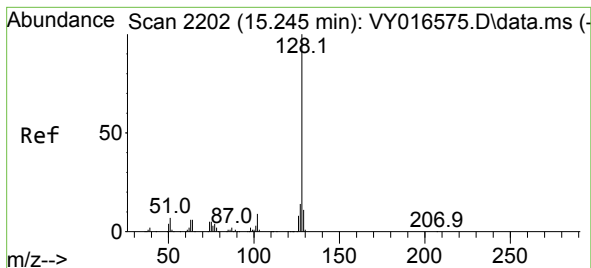
Ion Ratio Lower Upper

225 100

223 65.3 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 24.261 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBSD02

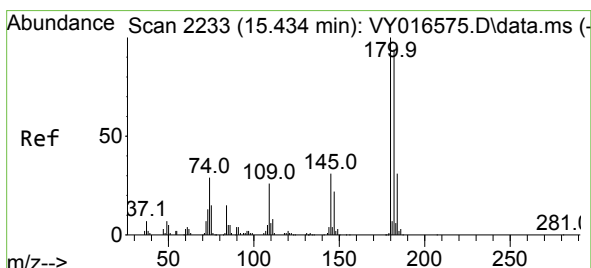
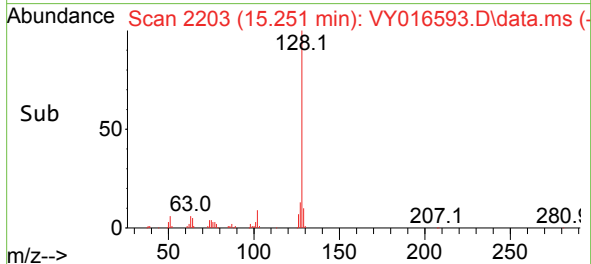
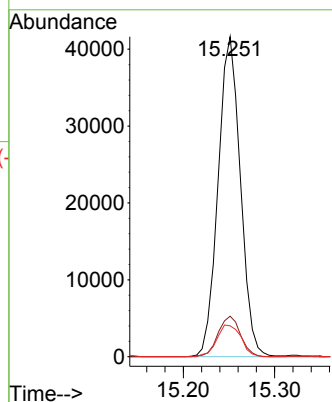
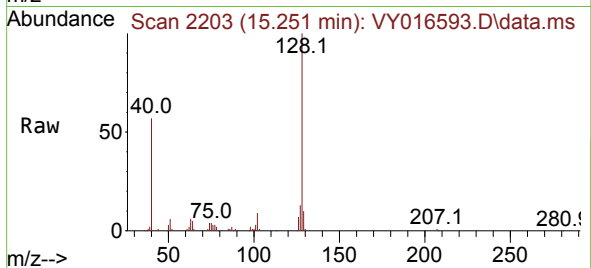
Tgt Ion:128 Resp: 70601

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 24.558 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016593.D

Acq: 05 Dec 2023 13:32

Tgt Ion:180 Resp: 35310

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.8

145 31.7 15.4 46.2

