

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016592.D
 Acq On : 05 Dec 2023 12:30
 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 02:22:34 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	7.807	168	224436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	336561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	287206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	135038	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	102019	49.180	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.360%
35) Dibromofluoromethane	7.740	113	101729	50.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.197	98	385577	50.328	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.660%
62) 4-Bromofluorobenzene	12.495	95	128231	50.896	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.800%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	41448	20.907	ug/l	99
3) Chloromethane	2.125	50	34971	17.004	ug/l	99
4) Vinyl Chloride	2.266	62	35786	17.230	ug/l	96
5) Bromomethane	2.668	94	23344	17.943	ug/l	95
6) Chloroethane	2.814	64	23517	18.331	ug/l	92
7) Trichlorofluoromethane	3.143	101	78091	19.889	ug/l	98
8) Diethyl Ether	3.546	74	20076	18.359	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.924	101	42373	19.299	ug/l	98
10) Methyl Iodide	4.113	142	46929	20.229	ug/l	99
11) Tert butyl alcohol	4.972	59	13241	93.684	ug/l #	80
12) 1,1-Dichloroethene	3.893	96	38096	19.100	ug/l	91
13) Acrolein	3.747	56	17948	87.348	ug/l	99
14) Allyl chloride	4.503	41	55290	18.164	ug/l	94
15) Acrylonitrile	5.186	53	39116	88.627	ug/l	99
16) Acetone	3.966	43	48752	103.857	ug/l	98
17) Carbon Disulfide	4.216	76	102972	18.414	ug/l	99
18) Methyl Acetate	4.497	43	31729	17.052	ug/l #	89
19) Methyl tert-butyl Ether	5.241	73	97081	19.800	ug/l	100
20) Methylene Chloride	4.741	84	42687	18.505	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	42709	19.041	ug/l	88
22) Diisopropyl ether	6.143	45	116932	18.679	ug/l	88
23) Vinyl Acetate	6.082	43	281447	93.651	ug/l #	89
24) 1,1-Dichloroethane	6.033	63	72055	18.735	ug/l	98
25) 2-Butanone	7.009	43	64795	100.383	ug/l	97
26) 2,2-Dichloropropane	7.003	77	70510	19.501	ug/l	99
27) cis-1,2-Dichloroethene	7.009	96	47647	19.299	ug/l	94
28) Bromochloromethane	7.362	49	26617	17.086	ug/l #	80
29) Tetrahydrofuran	7.368	42	32236	87.595	ug/l	89
30) Chloroform	7.527	83	80602	19.661	ug/l	94
31) Cyclohexane	7.807	56	62921	17.768	ug/l	87
32) 1,1,1-Trichloroethane	7.728	97	76663	19.759	ug/l	98
36) 1,1-Dichloropropene	7.941	75	58572	19.024	ug/l	98
37) Ethyl Acetate	7.088	43	24189	18.775	ug/l	96
38) Carbon Tetrachloride	7.923	117	71649	20.102	ug/l	98
39) Methylcyclohexane	9.203	83	70392	18.976	ug/l	95
40) Benzene	8.179	78	167979	19.356	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	11471	15.417	ug/l	96
42) 1,2-Dichloroethane	8.258	62	49860	19.787	ug/l	96
43) Isopropyl Acetate	8.289	43	46709	18.794	ug/l #	90
44) Trichloroethene	8.959	130	51616	19.722	ug/l	89
45) 1,2-Dichloropropane	9.234	63	39122	18.725	ug/l	99
46) Dibromomethane	9.319	93	21907	19.126	ug/l	95
47) Bromodichloromethane	9.514	83	59132	19.392	ug/l	95
48) Methyl methacrylate	9.307	41	24423	17.016	ug/l	90
49) 1,4-Dioxane	9.319	88	4467	385.310	ug/l #	67
51) 4-Methyl-2-Pentanone	10.087	43	117827	91.226	ug/l	94
52) Toluene	10.258	92	107508	19.766	ug/l	95
53) t-1,3-Dichloropropene	10.484	75	56512	19.637	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	65439	19.362	ug/l	96
55) 1,1,2-Trichloroethane	10.660	97	31531	19.763	ug/l	93
56) Ethyl methacrylate	10.526	69	27628	18.891	ug/l	90
57) 1,3-Dichloropropane	10.807	76	52209	19.370	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	79065	87.726	ug/l #	90
59) 2-Hexanone	10.849	43	94640	96.861	ug/l	92
60) Dibromochloromethane	11.002	129	41720	19.570	ug/l	99
61) 1,2-Dibromoethane	11.105	107	29556	19.695	ug/l	97
64) Tetrachloroethene	10.734	164	51682	19.635	ug/l	98
65) Chlorobenzene	11.532	112	117417	20.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	46719	20.548	ug/l	98
67) Ethyl Benzene	11.605	91	206063	19.752	ug/l	100
68) m/p-Xylenes	11.715	106	160309	40.477	ug/l	93
69) o-Xylene	12.044	106	75369	20.385	ug/l	96
70) Styrene	12.063	104	106996	20.170	ug/l	100
71) Bromoform	12.221	173	25022	20.381	ug/l #	98
73) Isopropylbenzene	12.343	105	207119	20.714	ug/l	98
74) N-amyl acetate	12.154	43	36000	18.056	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.593	83	30571	19.222	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	43021	35.268	ug/l #	100
77) Bromobenzene	12.623	156	49360	20.945	ug/l	90
78) n-propylbenzene	12.684	91	239093	20.544	ug/l	98
79) 2-Chlorotoluene	12.770	91	134330	20.482	ug/l	97
80) 1,3,5-Trimethylbenzene	12.825	105	169073	20.809	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	10613	19.626	ug/l	99
82) 4-Chlorotoluene	12.867	91	138009	20.337	ug/l	97
83) tert-Butylbenzene	13.087	119	154693	21.309	ug/l	98
84) 1,2,4-Trimethylbenzene	13.136	105	166943	21.036	ug/l	98
85) sec-Butylbenzene	13.264	105	209310	20.529	ug/l	97
86) p-Isopropyltoluene	13.386	119	183131	20.692	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	93375	20.757	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	89850	20.351	ug/l	98
89) n-Butylbenzene	13.709	91	160206	20.128	ug/l	95
90) Hexachloroethane	13.977	117	34394	19.750	ug/l	97
91) 1,2-Dichlorobenzene	13.751	146	80516	20.847	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	4766	18.726	ug/l	88
93) 1,2,4-Trichlorobenzene	15.019	180	44219	20.289	ug/l	99
94) Hexachlorobutadiene	15.123	225	28966	21.036	ug/l	99
95) Naphthalene	15.245	128	69546	21.496	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	35149	21.969	ug/l	99

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Quant Title : SW846 8260
QLast Update : Tue Dec 05 01:24:25 2023
Response via : Initial Calibration

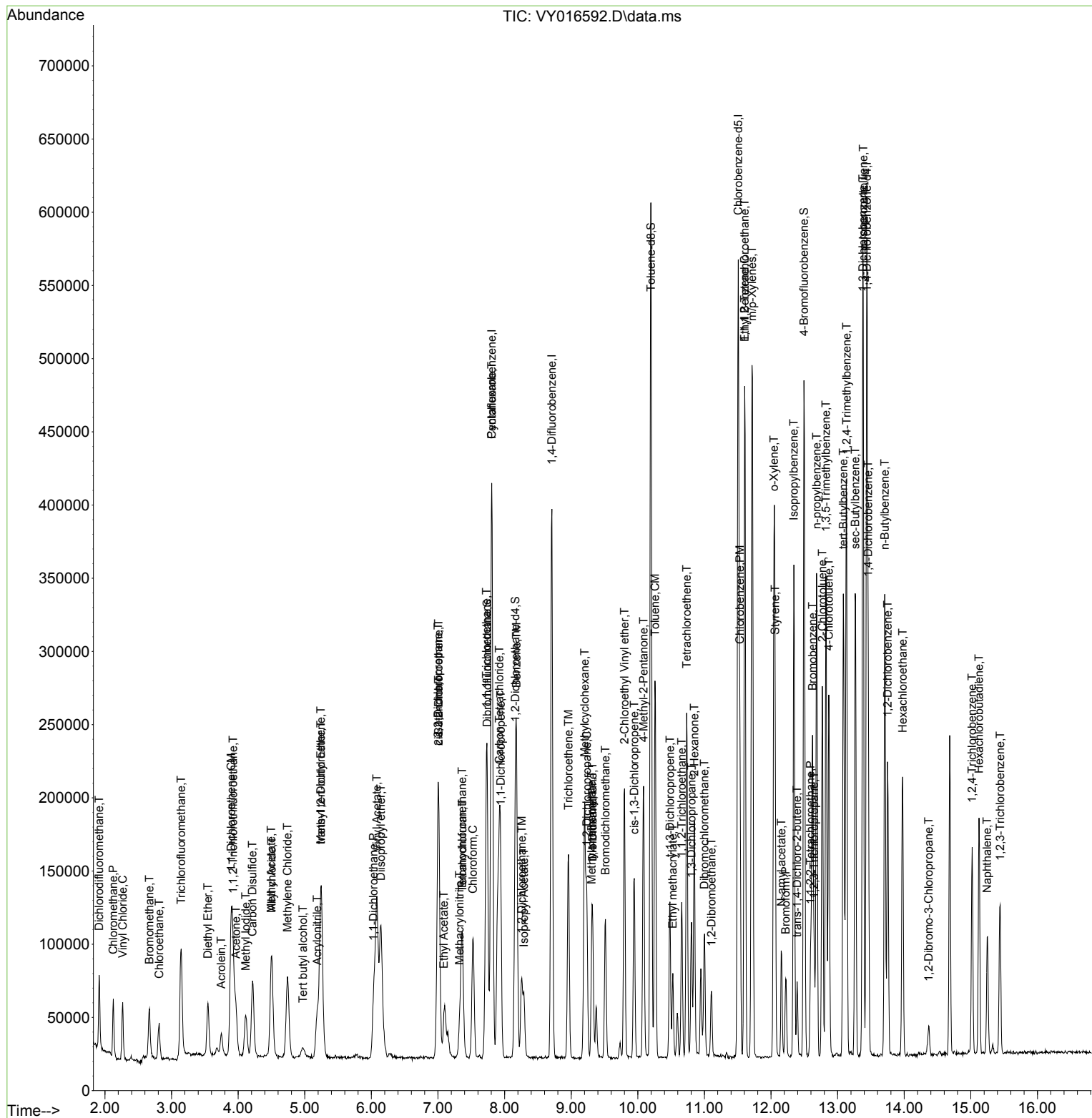
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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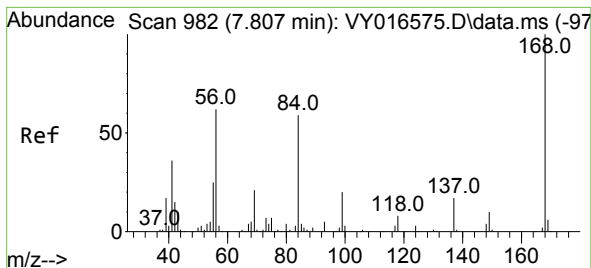
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.807 min Scan# 9

Delta R.T. 0.000 min

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Instrument :

MSVOA_Y

ClientSampleId :

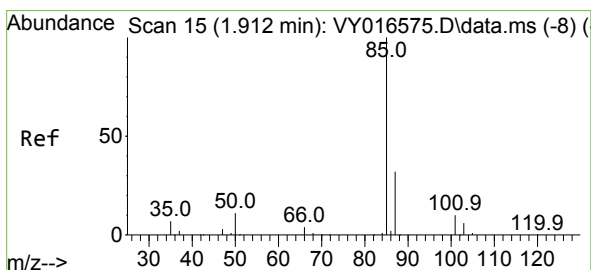
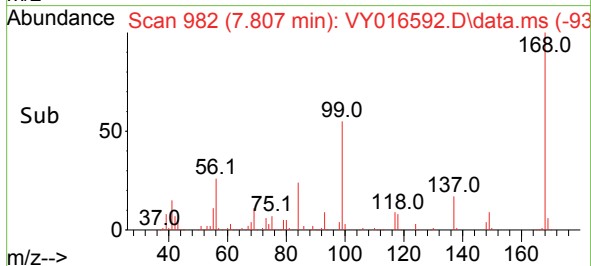
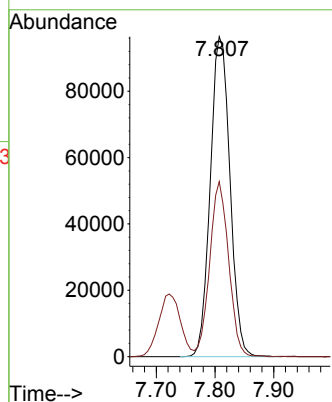
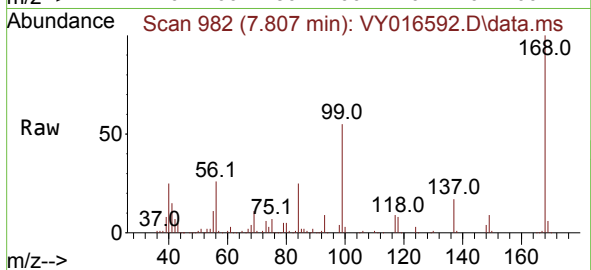
VY1205SBS02

Tgt Ion:168 Resp: 224436

Ion Ratio Lower Upper

168 100

99 54.6 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.907 ug/l

RT: 1.912 min Scan# 15

Delta R.T. -0.000 min

Lab File: VY016592.D

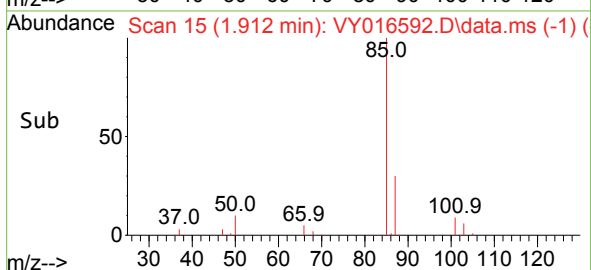
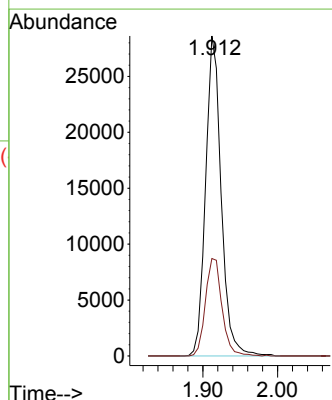
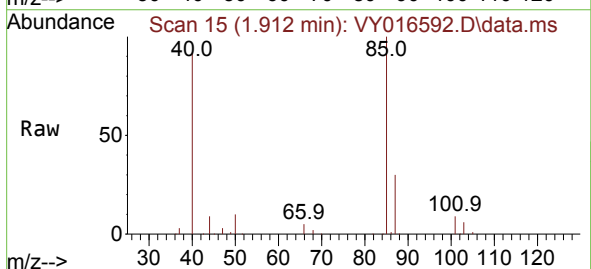
Acq: 05 Dec 2023 12:30

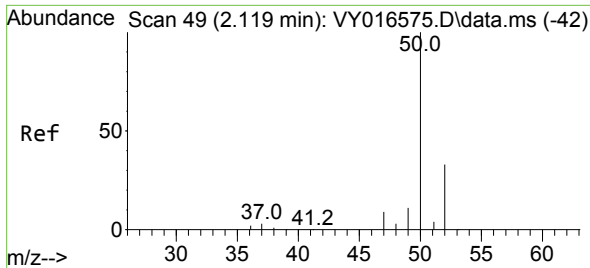
Tgt Ion: 85 Resp: 41448

Ion Ratio Lower Upper

85 100

87 30.5 15.6 46.8

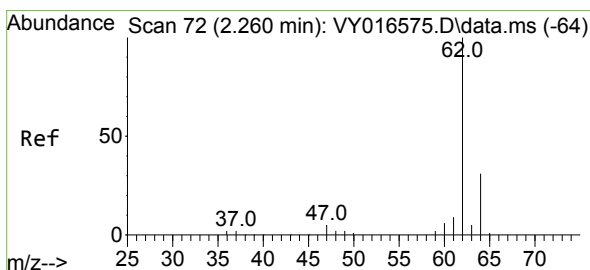
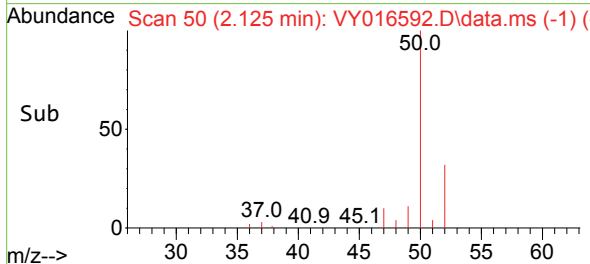
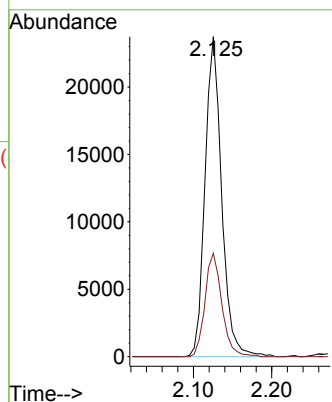
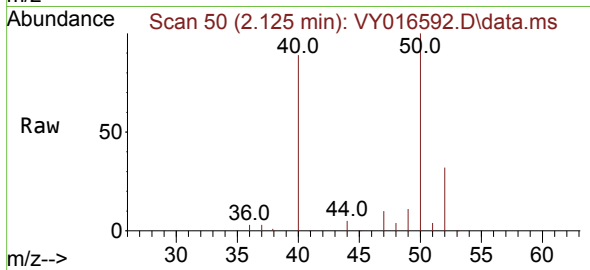




#3
Chloromethane
Concen: 17.004 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

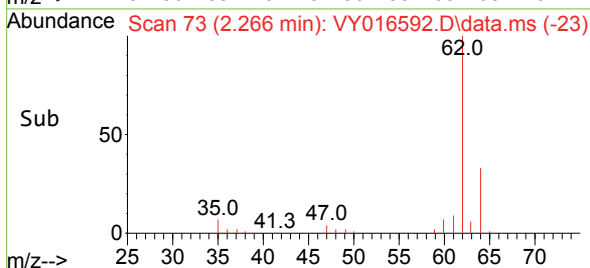
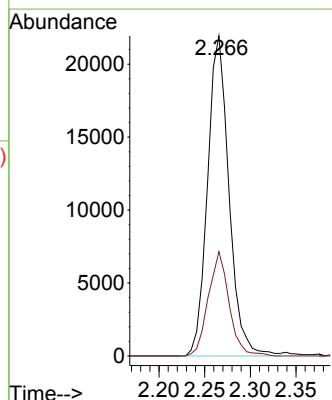
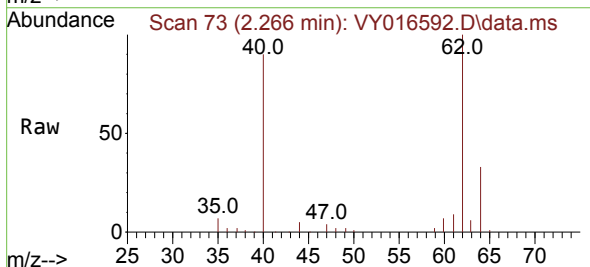
Instrument :
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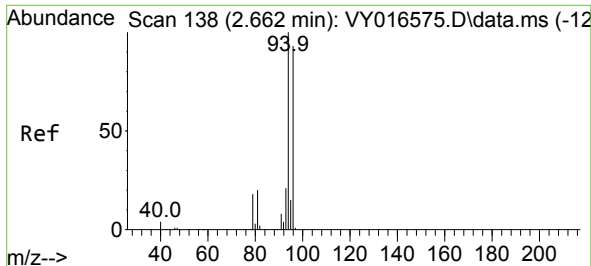
Tgt Ion: 50 Resp: 34971
Ion Ratio Lower Upper
50 100
52 32.3 25.4 38.2



#4
Vinyl Chloride
Concen: 17.230 ug/l
RT: 2.266 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 62 Resp: 35786
Ion Ratio Lower Upper
62 100
64 32.6 24.3 36.5

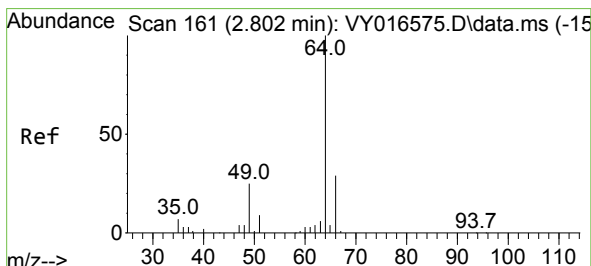
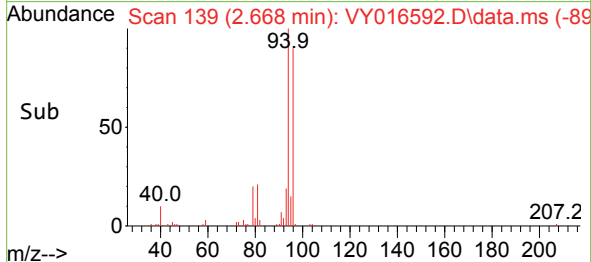
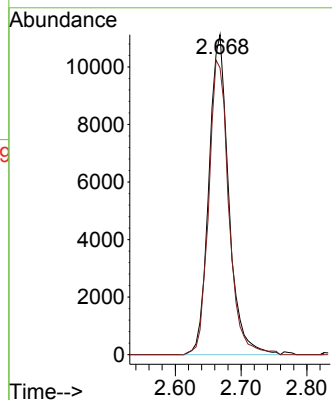
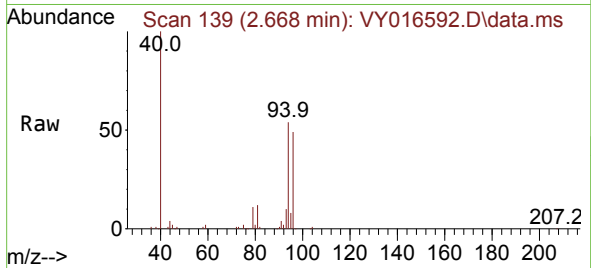




#5
Bromomethane
Concen: 17.943 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016592.D
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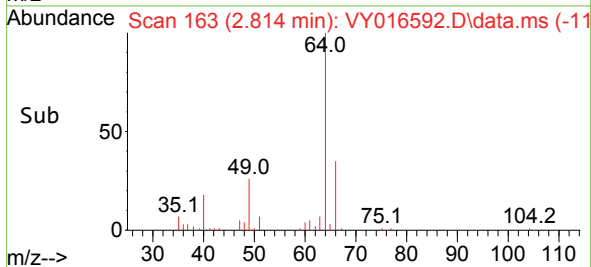
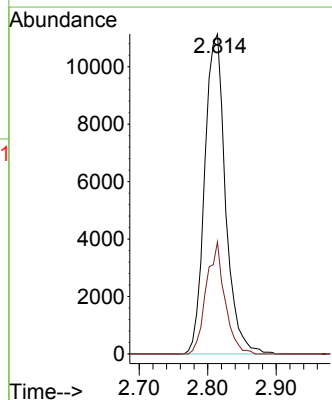
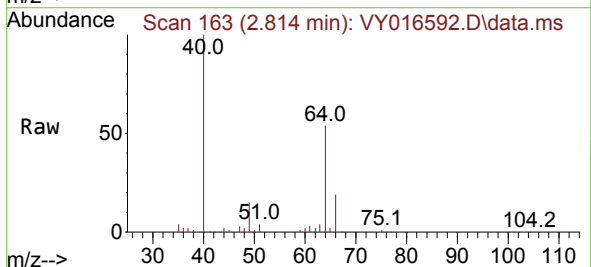
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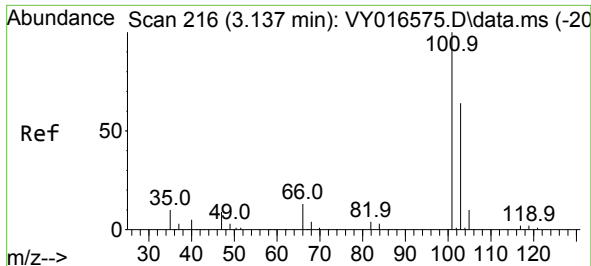
Tgt Ion: 94 Resp: 23344
Ion Ratio Lower Upper
94 100
96 89.6 75.8 113.6



#6
Chloroethane
Concen: 18.331 ug/l
RT: 2.814 min Scan# 163
Delta R.T. 0.012 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 64 Resp: 23517
Ion Ratio Lower Upper
64 100
66 35.1 24.4 36.6

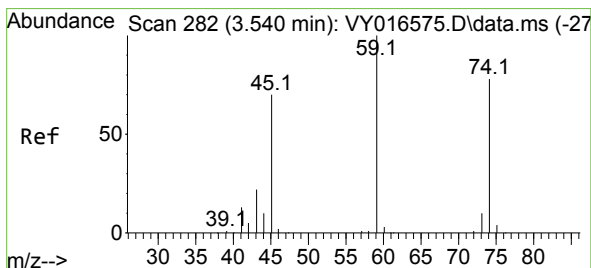
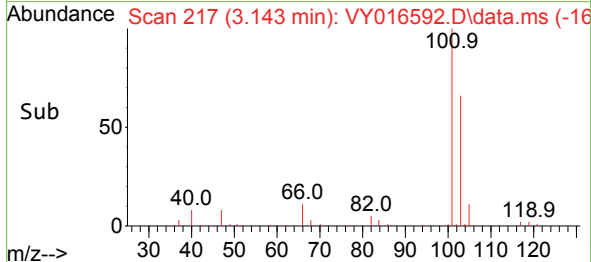
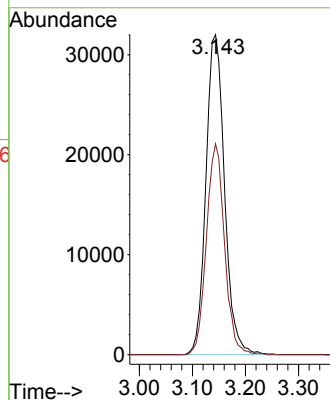
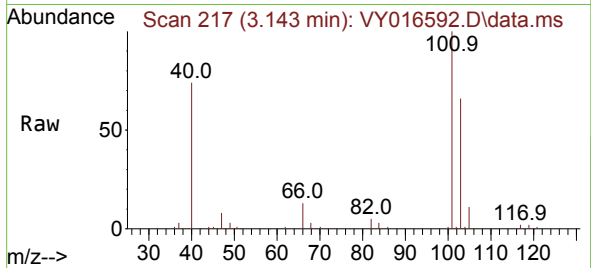




#7
 Trichlorofluoromethane
 Concen: 19.889 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

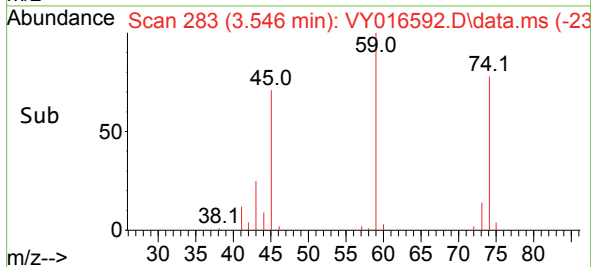
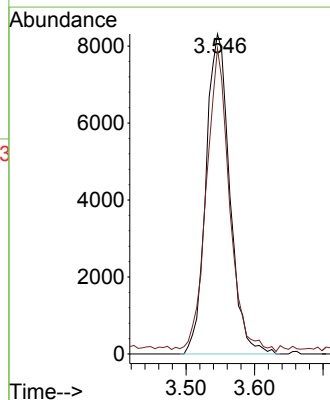
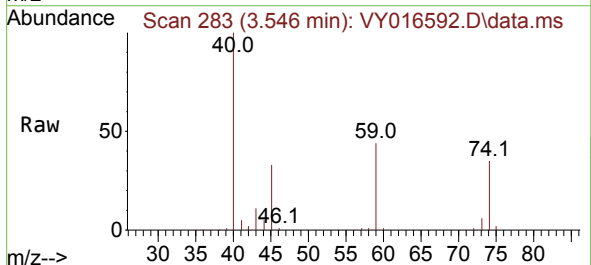
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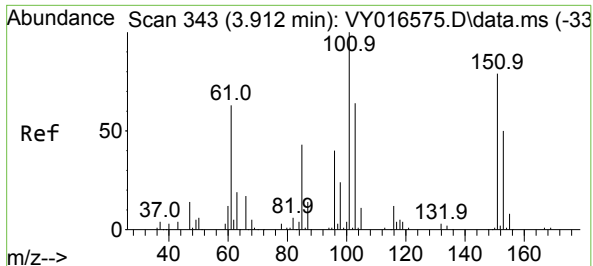
Tgt Ion:101 Resp: 78091
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 18.359 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016592.D
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Tgt Ion: 74 Resp: 20076
 Ion Ratio Lower Upper
 74 100
 45 91.9 51.5 154.5

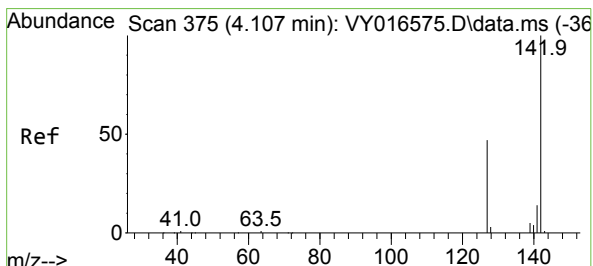
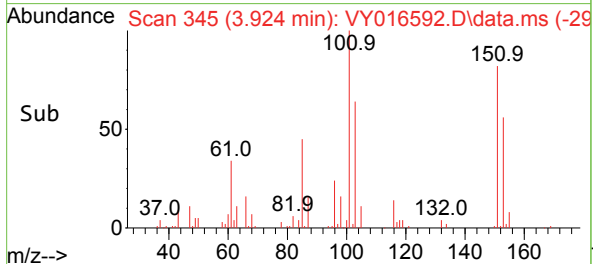
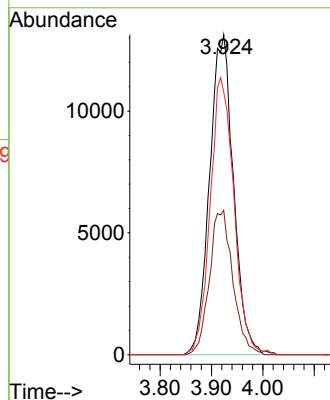
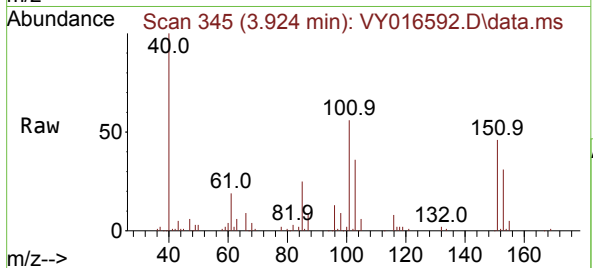




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.299 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

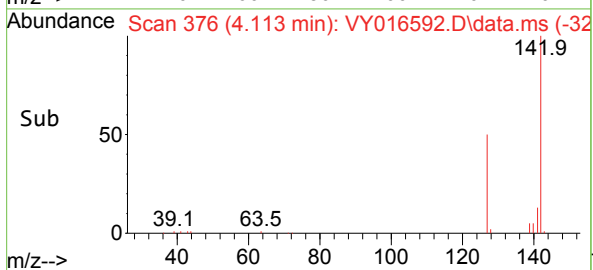
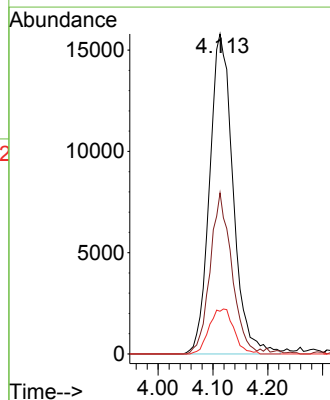
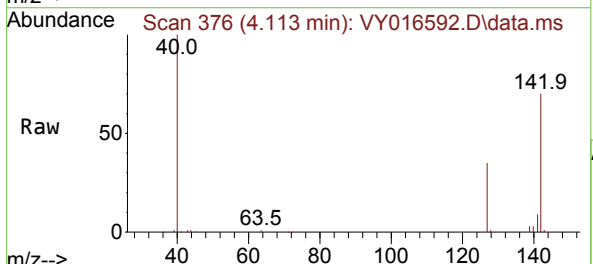
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

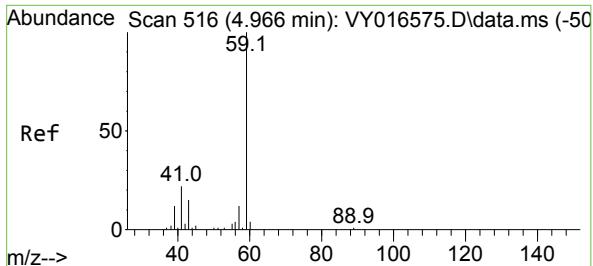
Tgt Ion:101 Resp: 42373
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 86.1 67.0 100.6



#10
Methyl Iodide
Concen: 20.229 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion:142 Resp: 46929
Ion Ratio Lower Upper
142 100
127 46.3 37.6 56.4
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 93.684 ug/l

RT: 4.972 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

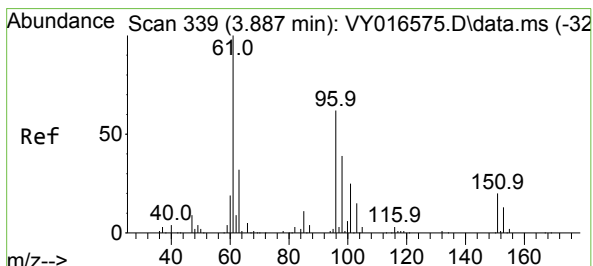
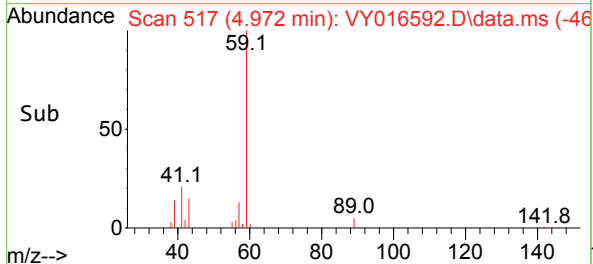
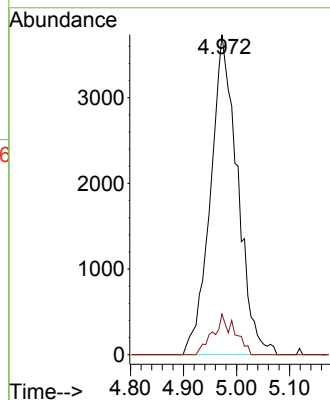
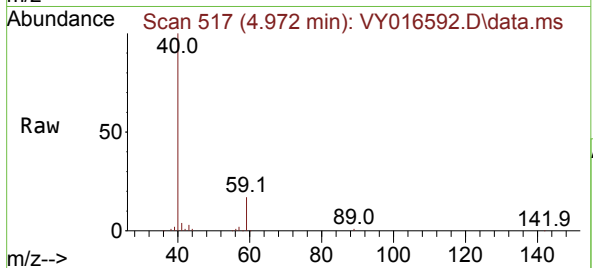
VY1205SBS02

Tgt Ion: 59 Resp: 13241

Ion Ratio Lower Upper

59 100

57 10.2 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 19.100 ug/l

RT: 3.893 min Scan# 340

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

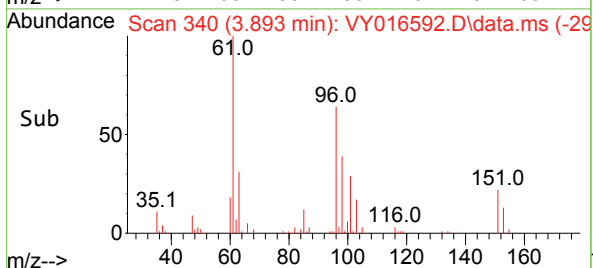
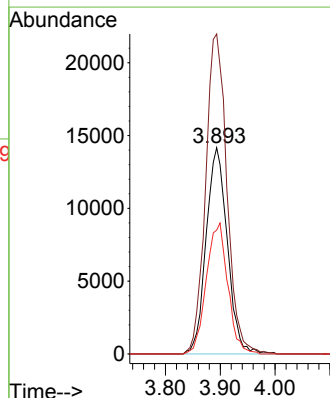
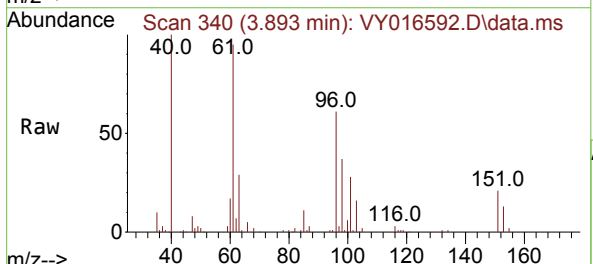
Tgt Ion: 96 Resp: 38096

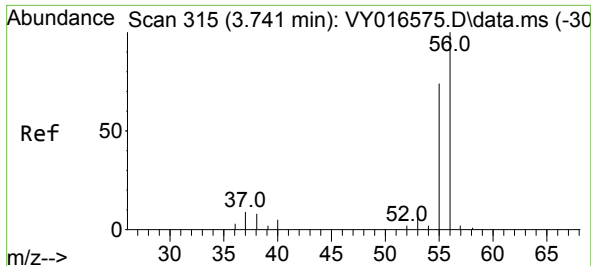
Ion Ratio Lower Upper

96 100

61 155.1 136.4 204.6

98 60.0 49.4 74.2





#13

Acrolein

Concen: 87.348 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

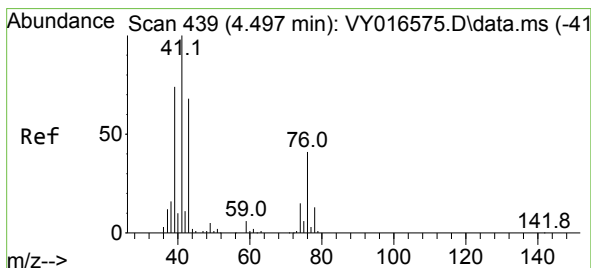
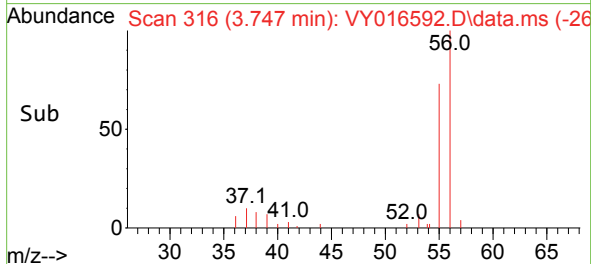
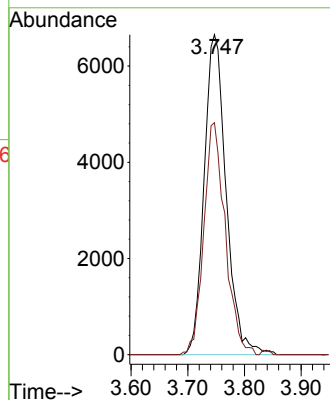
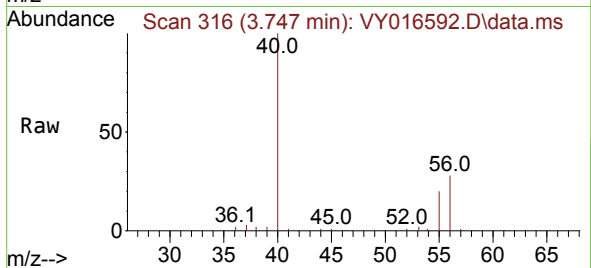
VY1205SBS02

Tgt Ion: 56 Resp: 17948

Ion Ratio Lower Upper

56 100

55 70.5 57.0 85.4



#14

Allyl chloride

Concen: 18.164 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

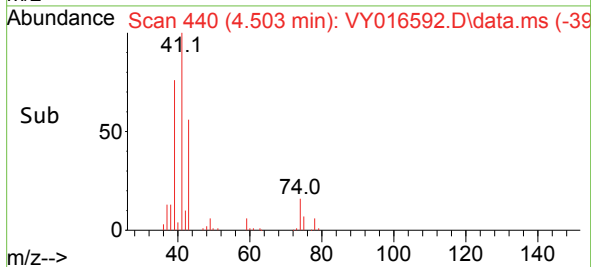
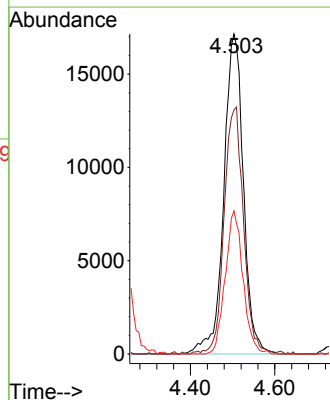
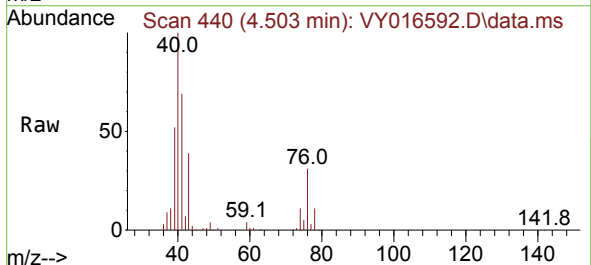
Tgt Ion: 41 Resp: 55290

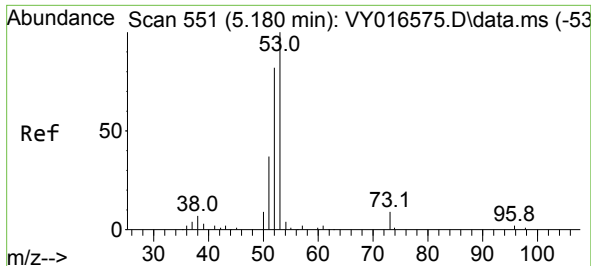
Ion Ratio Lower Upper

41 100

39 76.1 58.0 87.0

76 40.6 27.4 41.2





#15

Acrylonitrile

Concen: 88.627 ug/l

RT: 5.186 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

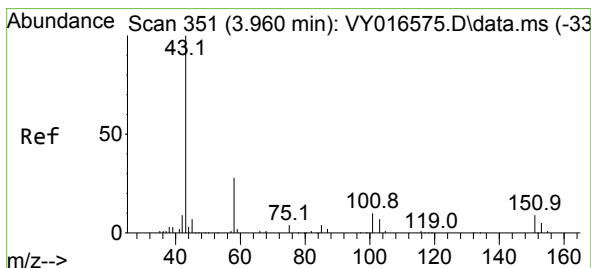
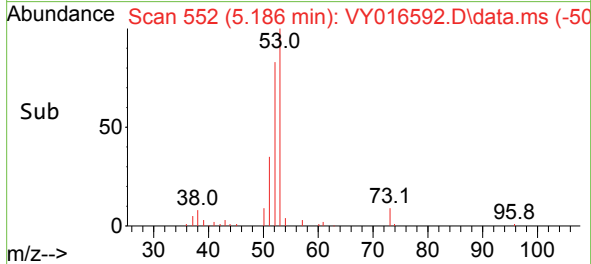
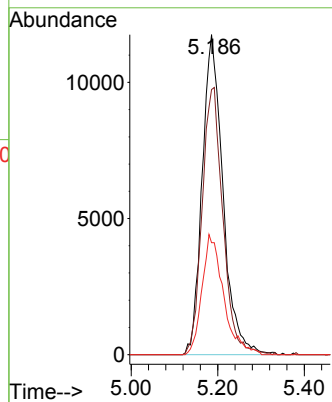
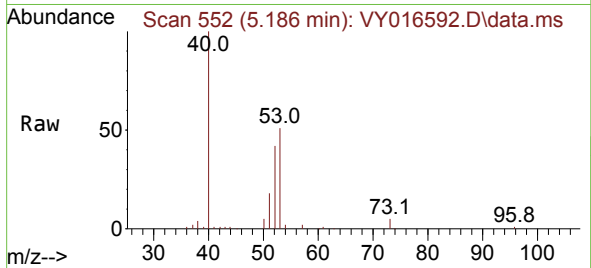
Tgt Ion: 53 Resp: 39116

Ion Ratio Lower Upper

53 100

52 83.6 66.9 100.3

51 39.0 29.8 44.6



#16

Acetone

Concen: 103.857 ug/l

RT: 3.966 min Scan# 352

Delta R.T. 0.006 min

Lab File: VY016592.D

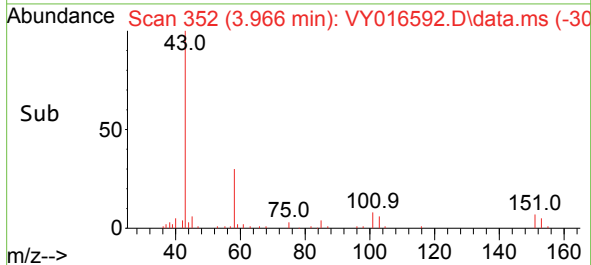
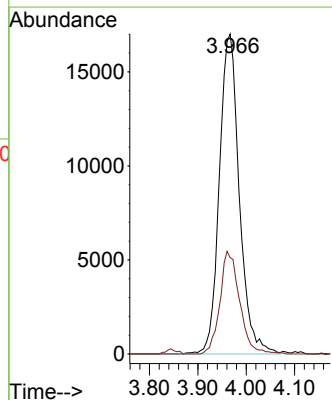
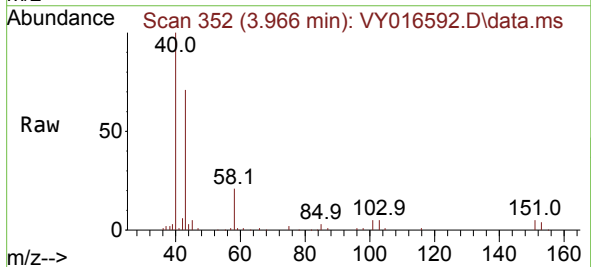
Acq: 05 Dec 2023 12:30

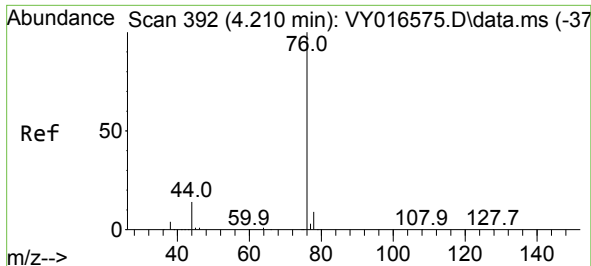
Tgt Ion: 43 Resp: 48752

Ion Ratio Lower Upper

43 100

58 29.7 22.7 34.1





#17

Carbon Disulfide

Concen: 18.414 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

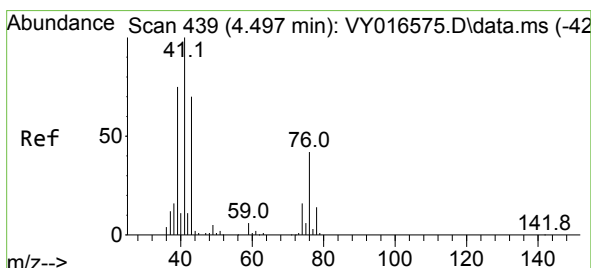
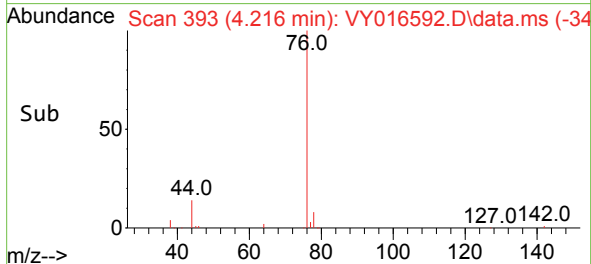
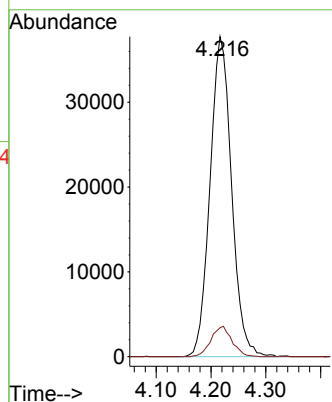
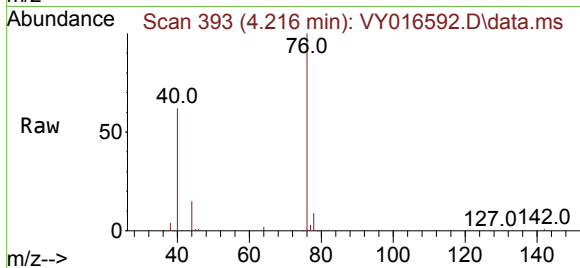
VY1205SBS02

Tgt Ion: 76 Resp: 102972

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 17.052 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016592.D

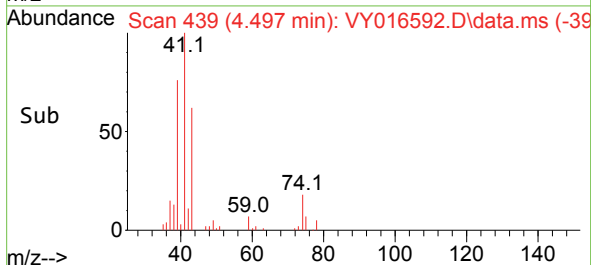
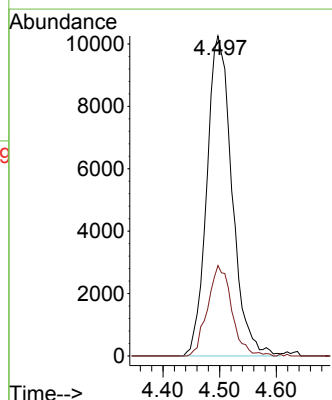
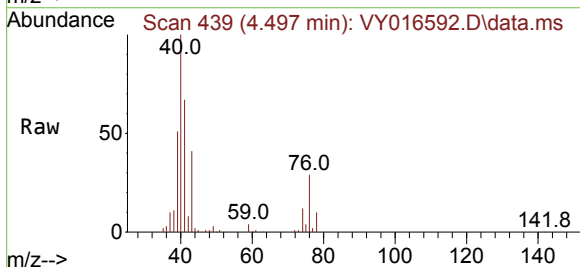
Acq: 05 Dec 2023 12:30

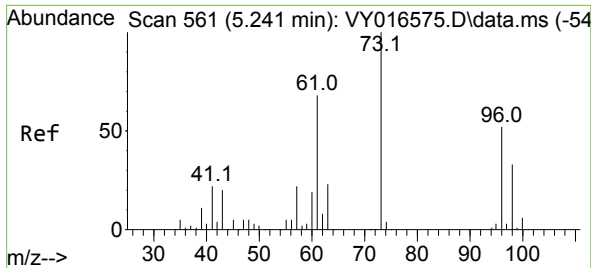
Tgt Ion: 43 Resp: 31729

Ion Ratio Lower Upper

43 100

74 27.1 17.4 26.0#

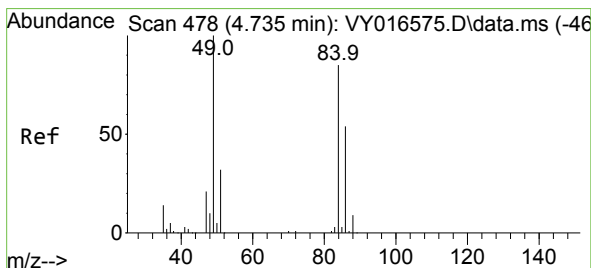
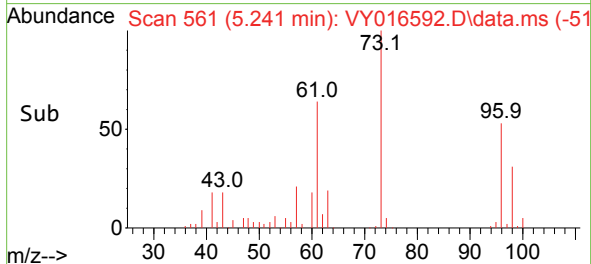
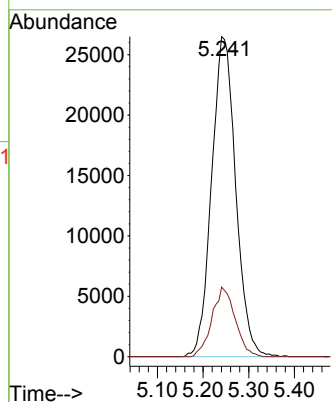
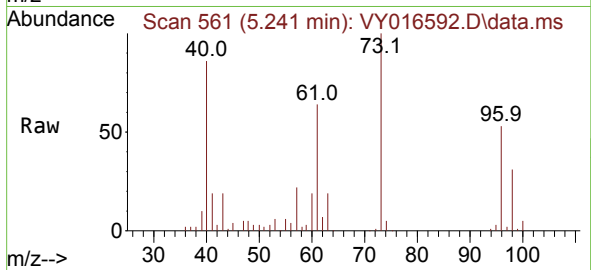




#19
Methyl tert-butyl Ether
Concen: 19.800 ug/l
RT: 5.241 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

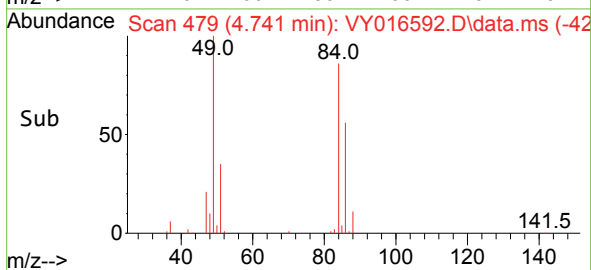
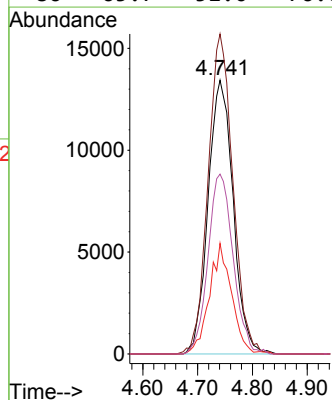
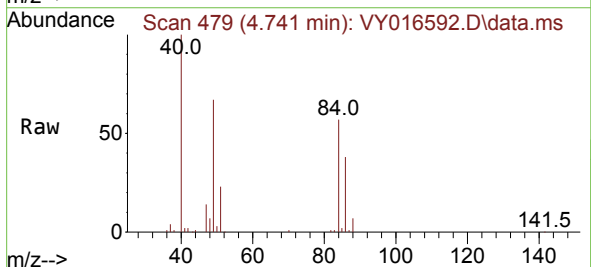
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

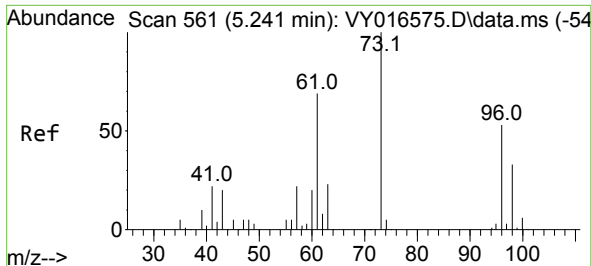
Tgt Ion: 73 Resp: 97081
Ion Ratio Lower Upper
73 100
57 21.8 17.3 25.9



#20
Methylene Chloride
Concen: 18.505 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 84 Resp: 42687
Ion Ratio Lower Upper
84 100
49 116.9 106.9 160.3
51 40.4 33.2 49.8
86 65.7 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.041 ug/l

RT: 5.241 min Scan# 561

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

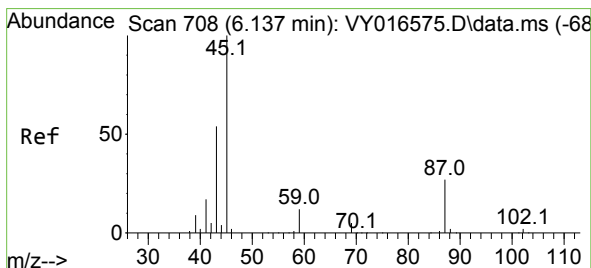
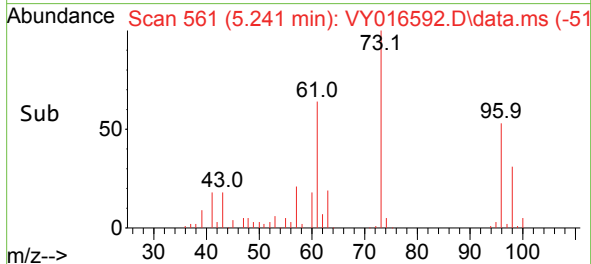
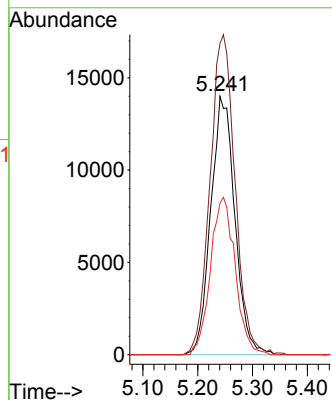
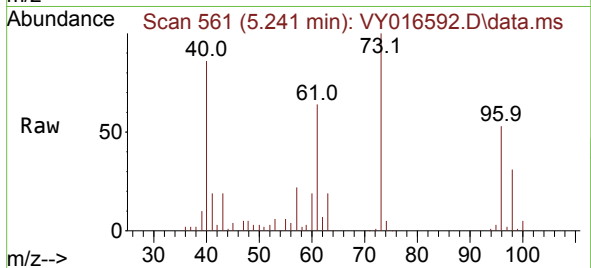
Tgt Ion: 96 Resp: 42709

Ion Ratio Lower Upper

96 100

61 120.5 110.2 165.4

98 58.7 51.8 77.6



#22

Diisopropyl ether

Concen: 18.679 ug/l

RT: 6.143 min Scan# 709

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Tgt Ion: 45 Resp: 116932

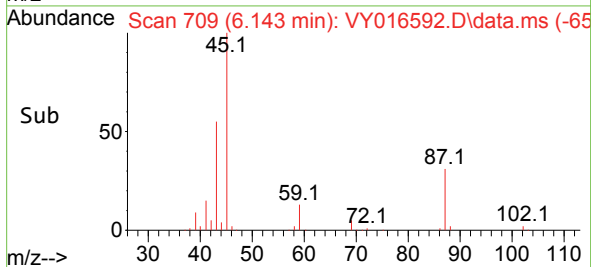
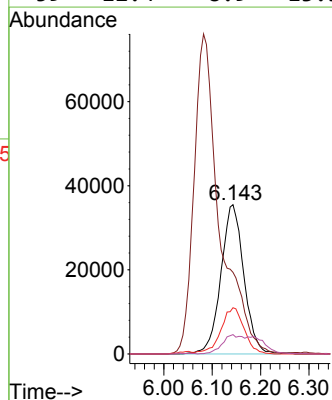
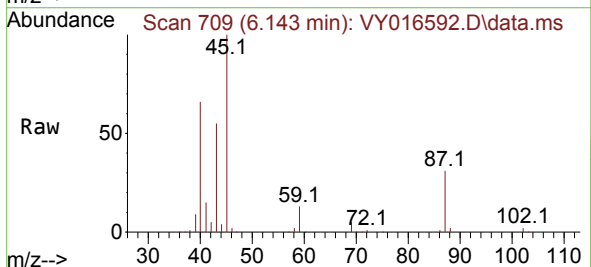
Ion Ratio Lower Upper

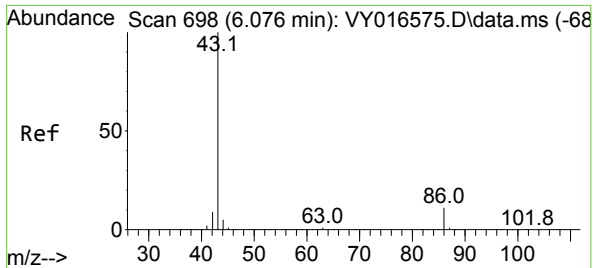
45 100

43 53.9 52.2 78.4

87 30.9 21.0 31.6

59 12.4 8.9 13.3

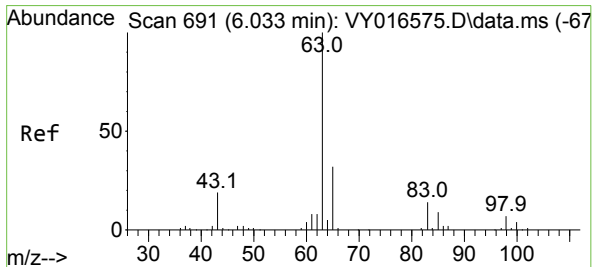
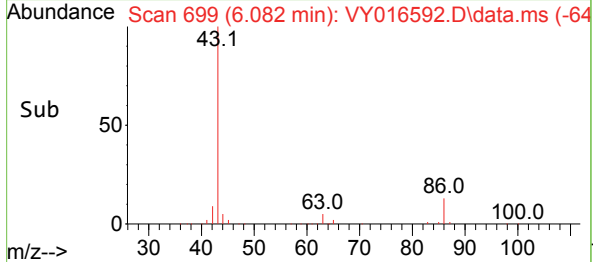
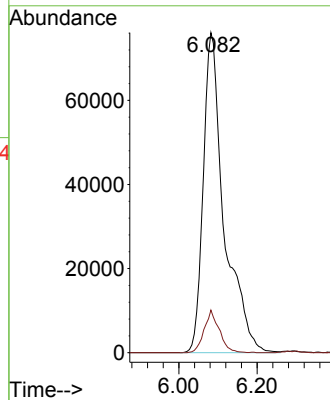
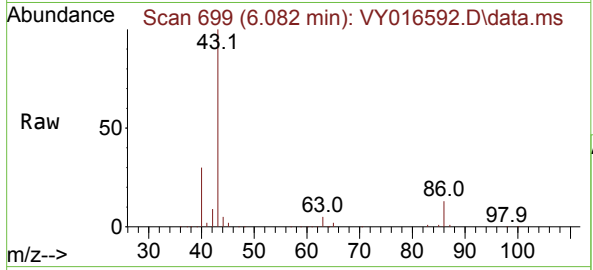




#23
 Vinyl Acetate
 Concen: 93.651 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

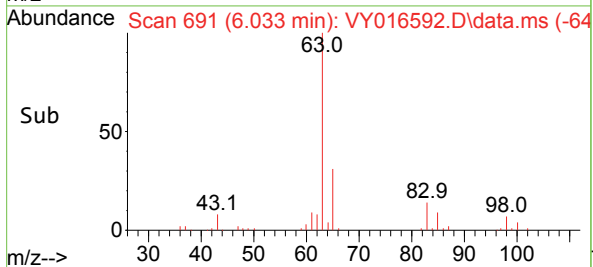
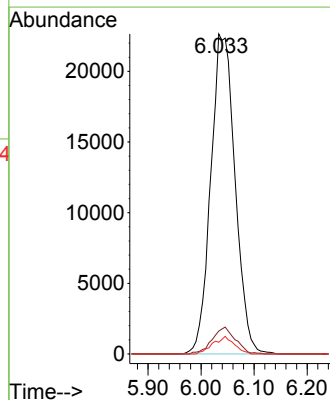
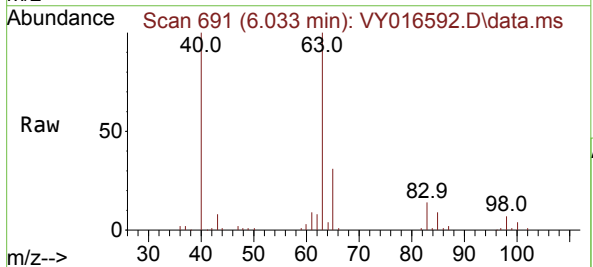
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

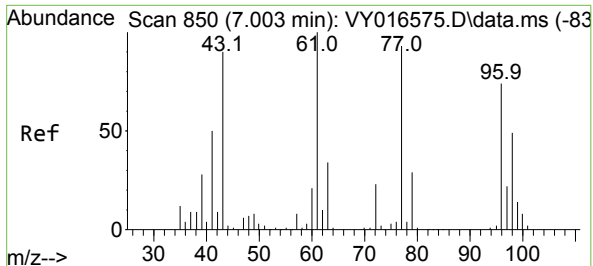
Tgt Ion: 43 Resp: 281447
 Ion Ratio Lower Upper
 43 100
 86 13.3 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.735 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

Tgt Ion: 63 Resp: 72055
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 3.7 1.8 5.5





#25

2-Butanone

Concen: 100.383 ug/l

RT: 7.009 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

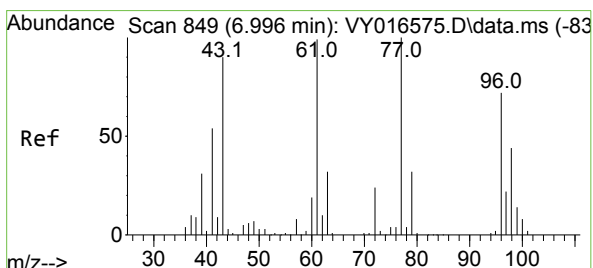
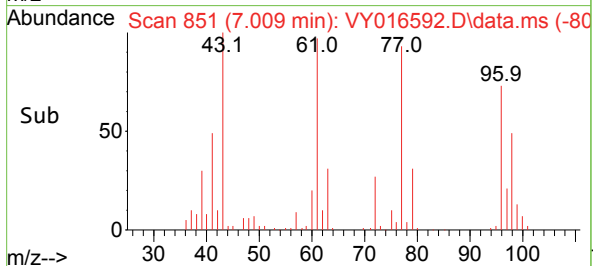
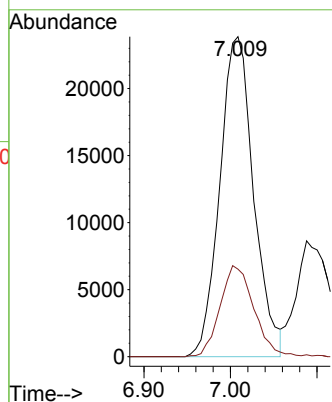
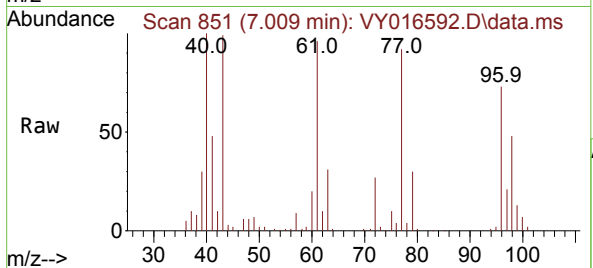
VY1205SBS02

Tgt Ion: 43 Resp: 64795

Ion Ratio Lower Upper

43 100

72 27.4 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.501 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016592.D

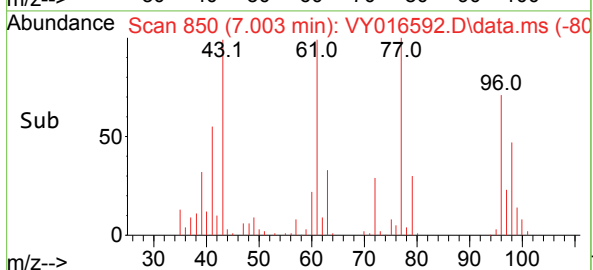
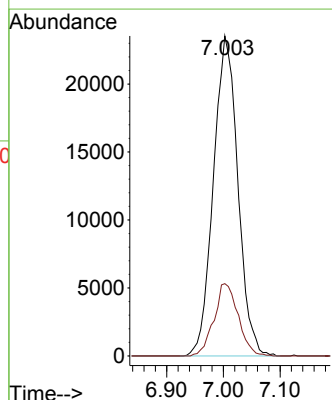
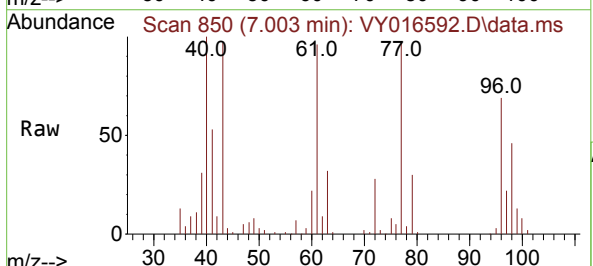
Acq: 05 Dec 2023 12:30

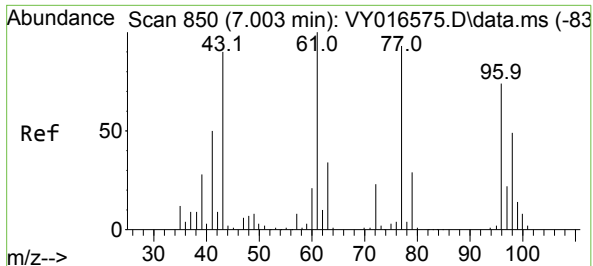
Tgt Ion: 77 Resp: 70510

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.299 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

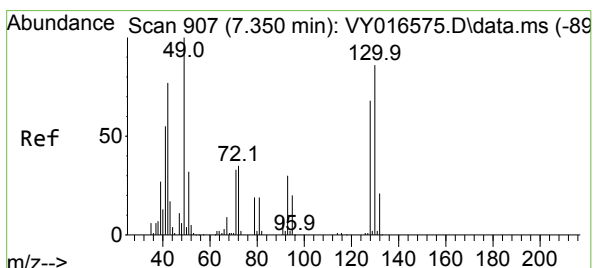
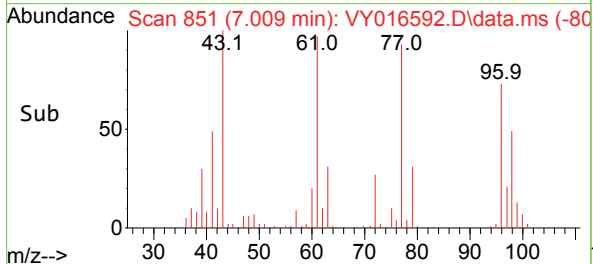
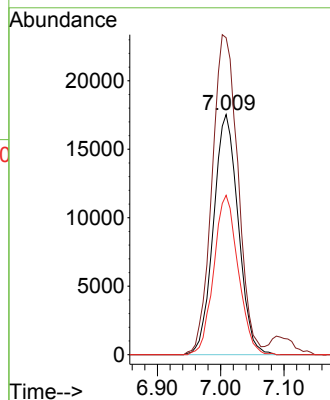
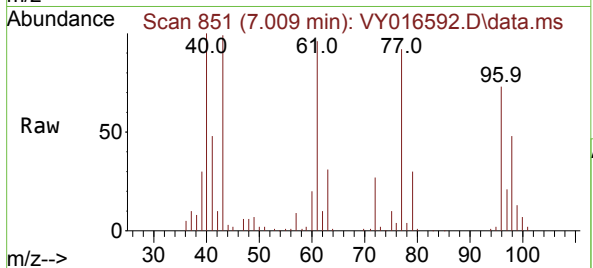
Tgt Ion: 96 Resp: 47647

Ion Ratio Lower Upper

96 100

61 139.1 0.0 301.4

98 65.4 0.0 130.4



#28

Bromochloromethane

Concen: 17.086 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.012 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

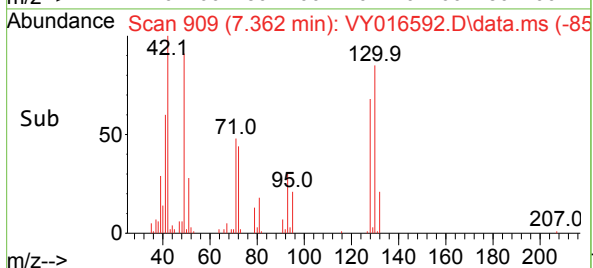
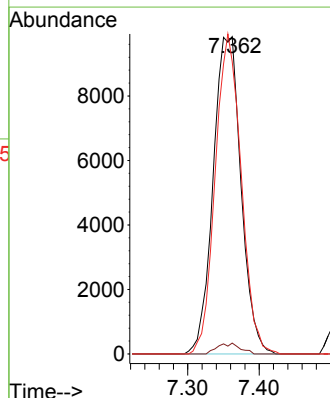
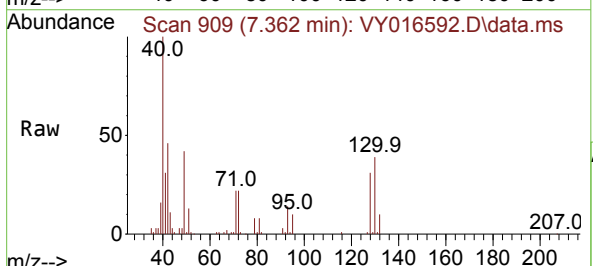
Tgt Ion: 49 Resp: 26617

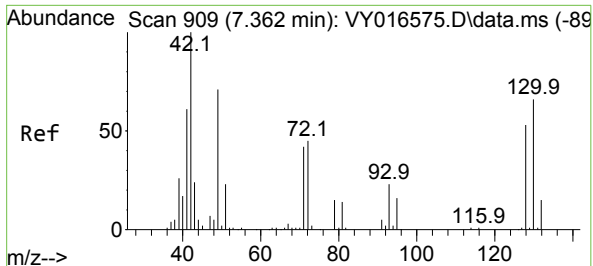
Ion Ratio Lower Upper

49 100

129 2.8 0.0 4.6

130 93.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 87.595 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

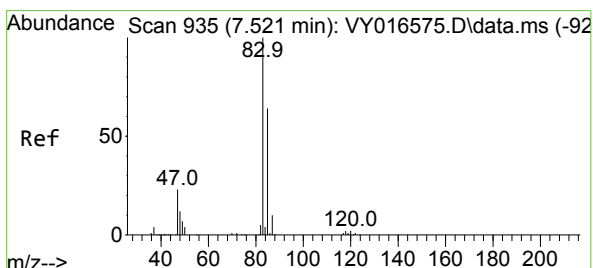
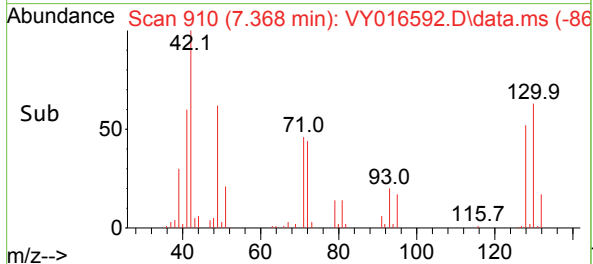
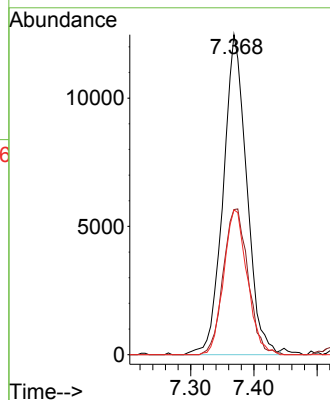
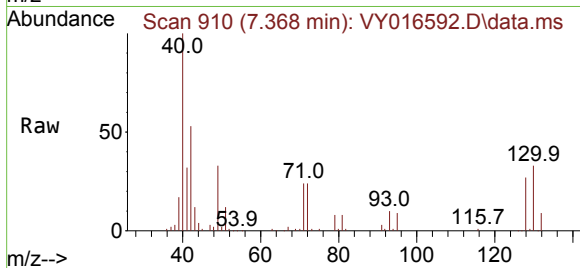
Tgt Ion: 42 Resp: 32236

Ion Ratio Lower Upper

42 100

72 48.0 32.8 49.2

71 45.4 31.0 46.4



#30

Chloroform

Concen: 19.661 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016592.D

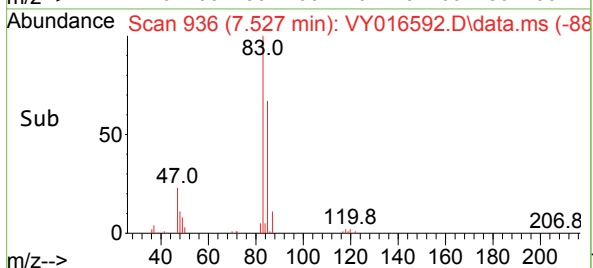
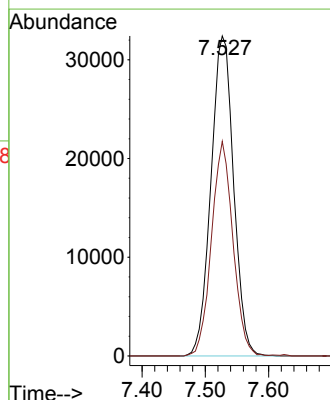
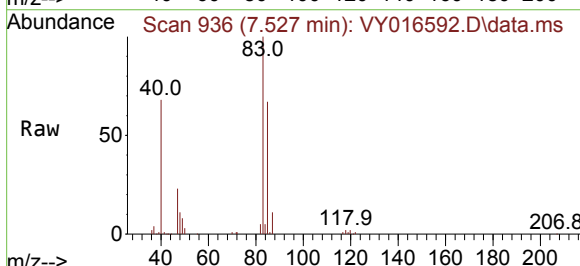
Acq: 05 Dec 2023 12:30

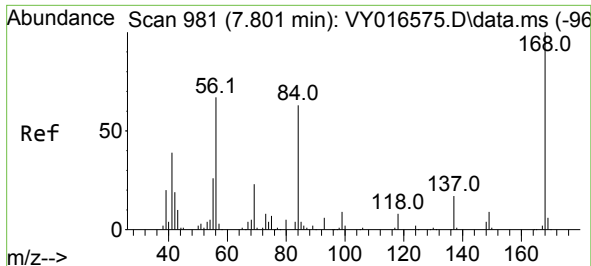
Tgt Ion: 83 Resp: 80602

Ion Ratio Lower Upper

83 100

85 67.0 49.7 74.5

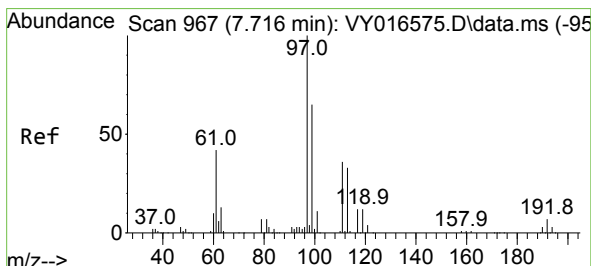
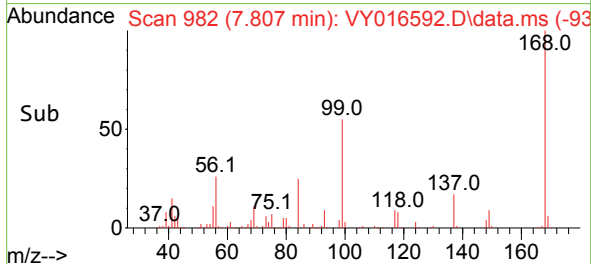
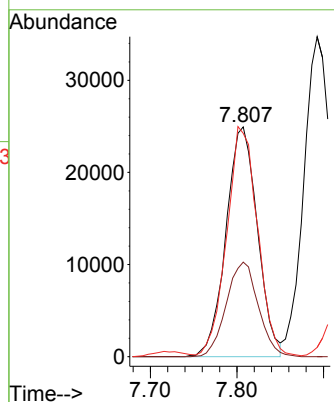
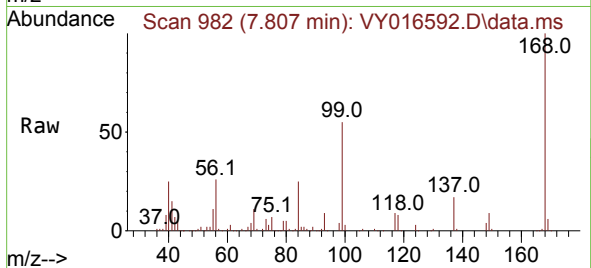




#31
Cyclohexane
Concen: 17.768 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

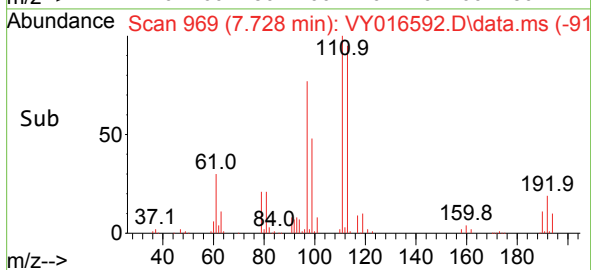
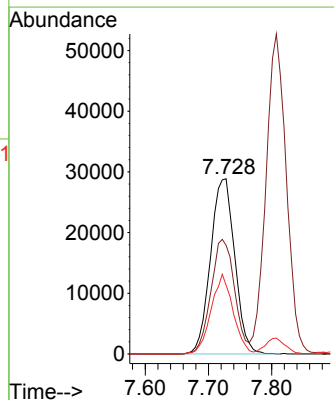
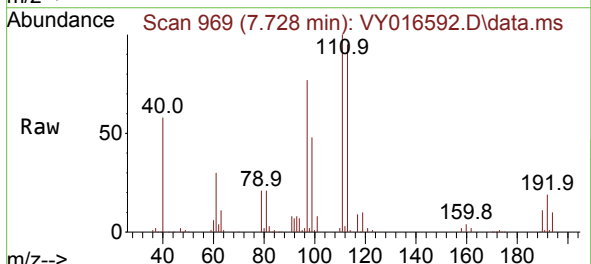
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

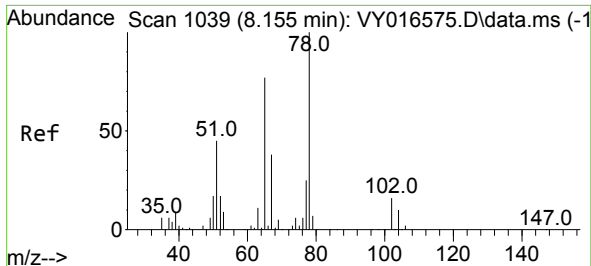
Tgt Ion: 56 Resp: 62921
Ion Ratio Lower Upper
56 100
69 41.2 27.8 41.6
84 95.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.759 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 97 Resp: 76663
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.3 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.180 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

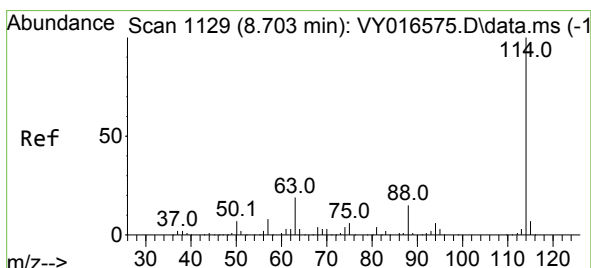
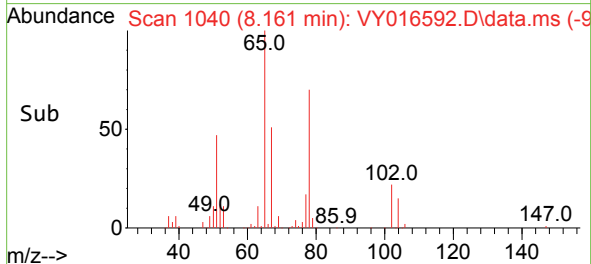
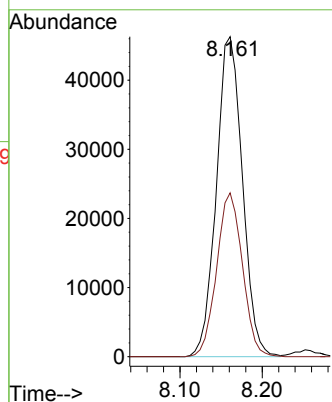
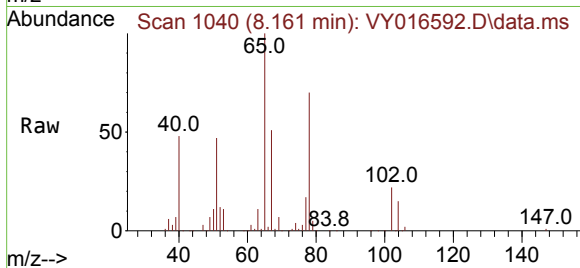
VY1205SBS02

Tgt Ion: 65 Resp: 102019

Ion Ratio Lower Upper

65 100

67 50.6 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: VY016592.D

Acq: 05 Dec 2023 12:30

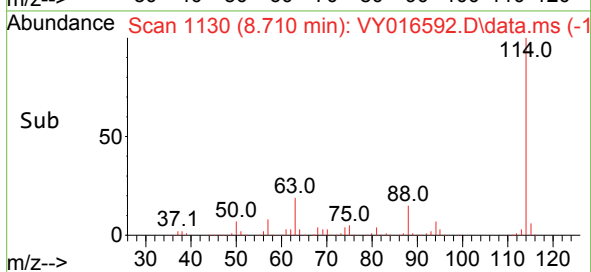
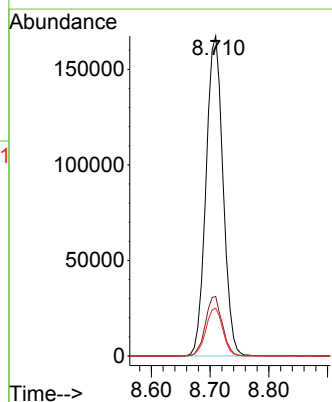
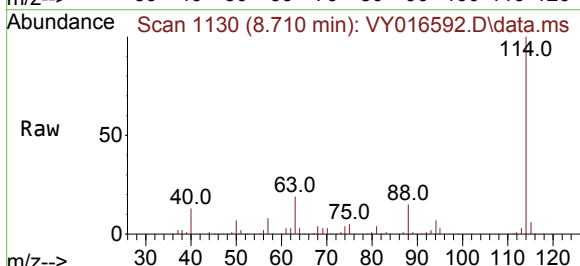
Tgt Ion: 114 Resp: 336561

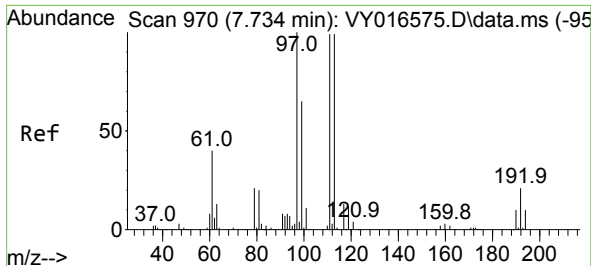
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

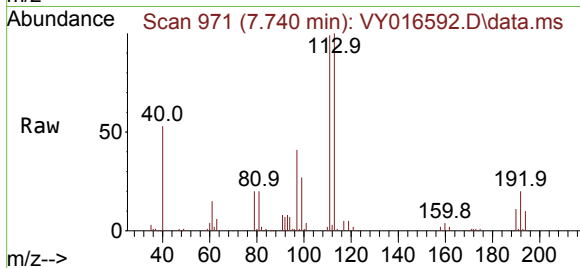
88 14.9 0.0 30.6



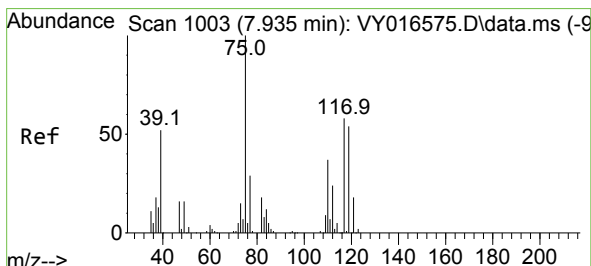
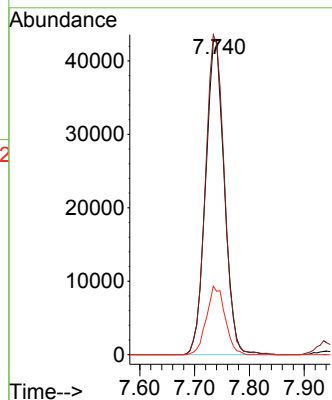
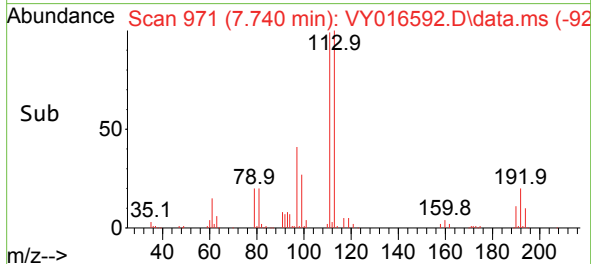


#35
Dibromofluoromethane
Concen: 50.226 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

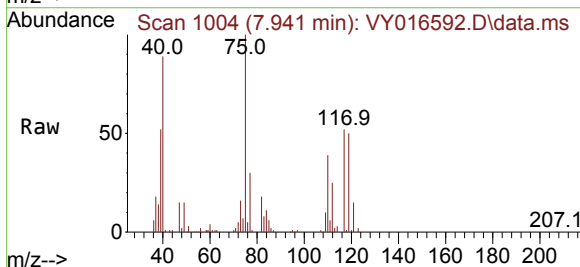
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02



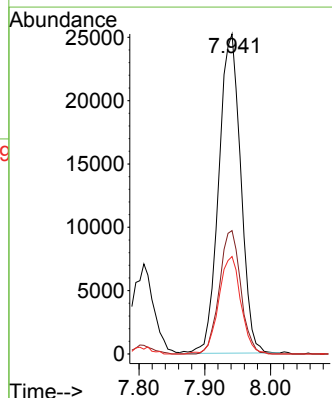
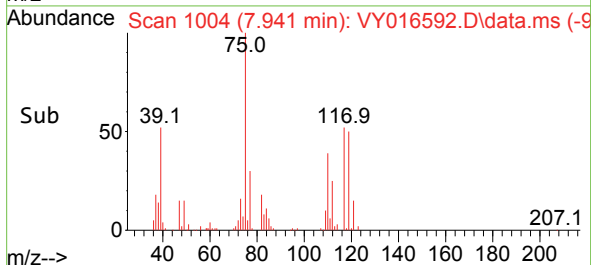
Tgt Ion:113 Resp: 101729
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 21.6 16.9 25.3

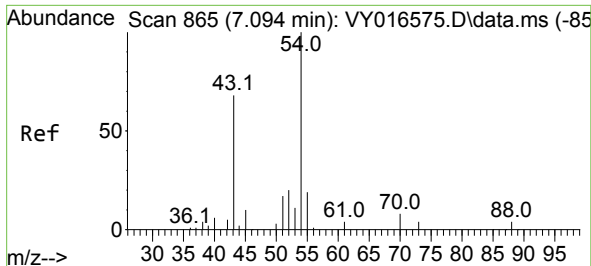


#36
1,1-Dichloropropene
Concen: 19.024 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30



Tgt Ion: 75 Resp: 58572
Ion Ratio Lower Upper
75 100
110 37.7 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 18.775 ug/l

RT: 7.088 min Scan# 80

Delta R.T. -0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

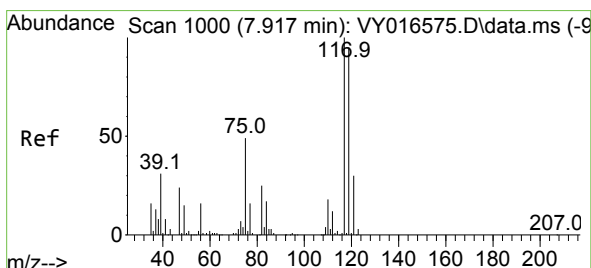
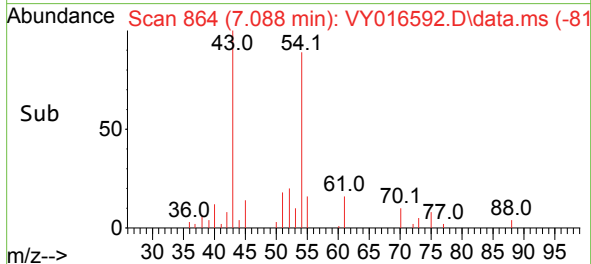
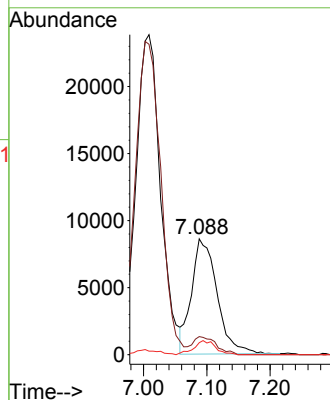
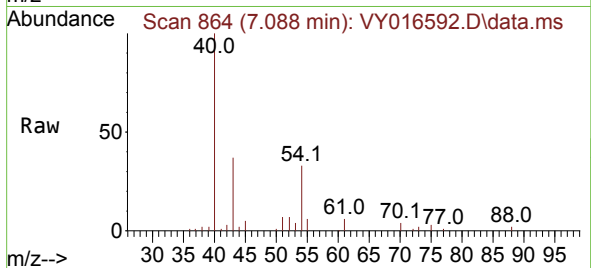
Tgt Ion: 43 Resp: 24189

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 10.3 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.102 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

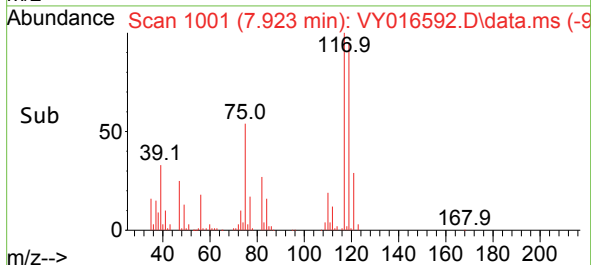
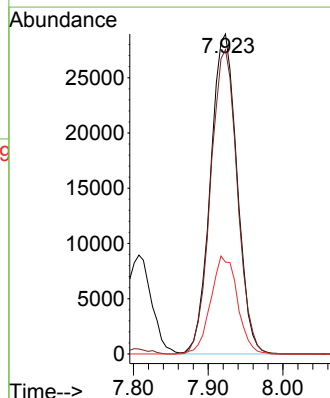
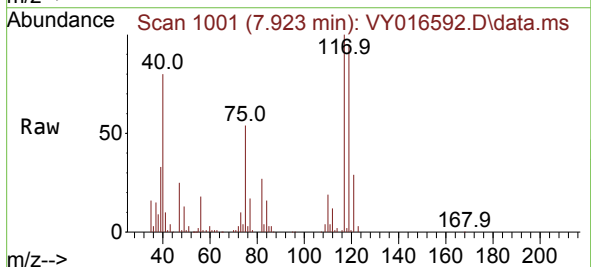
Tgt Ion: 117 Resp: 71649

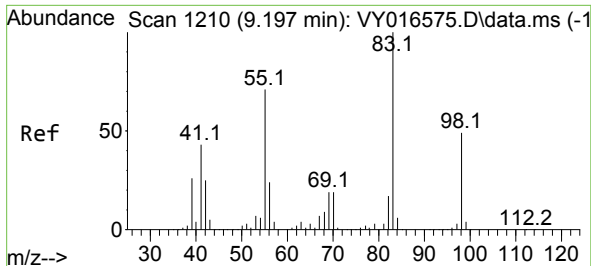
Ion Ratio Lower Upper

117 100

119 95.1 76.4 114.6

121 28.7 25.8 38.6





#39

Methylcyclohexane

Concen: 18.976 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

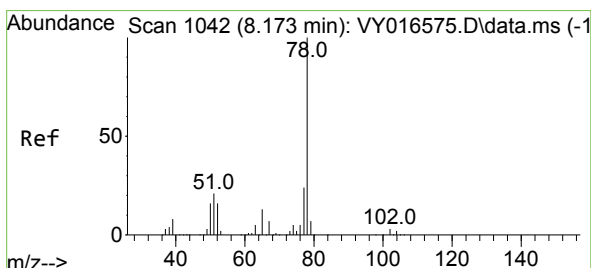
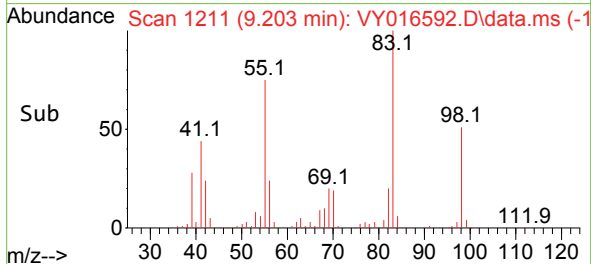
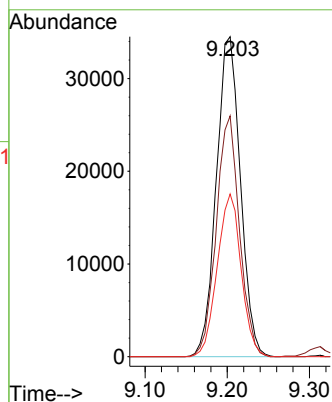
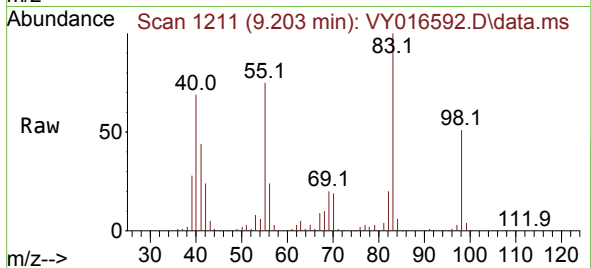
Tgt Ion: 83 Resp: 70392

Ion Ratio Lower Upper

83 100

55 75.3 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 19.356 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016592.D

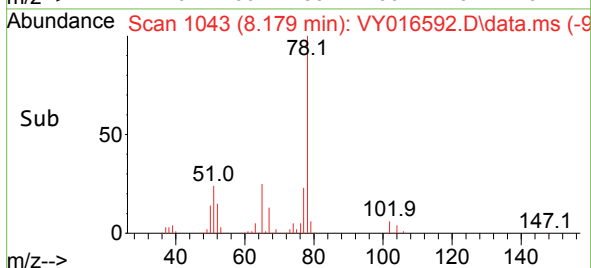
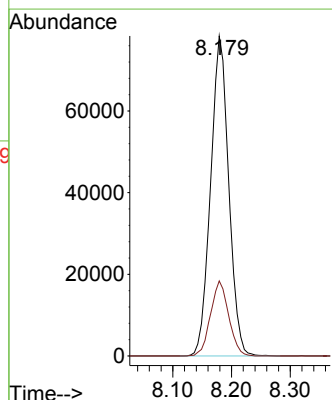
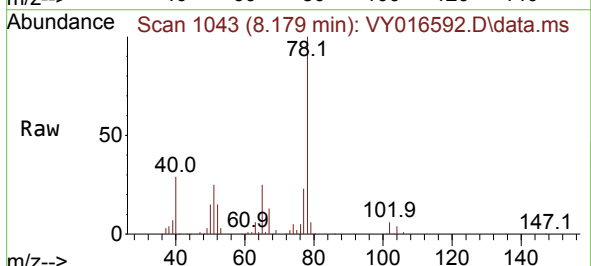
Acq: 05 Dec 2023 12:30

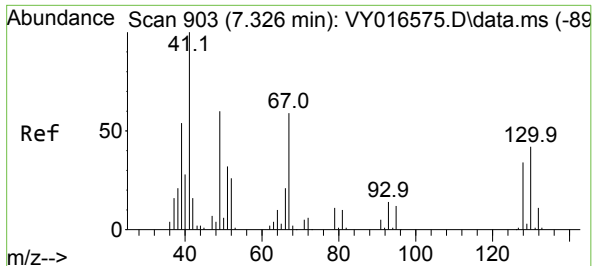
Tgt Ion: 78 Resp: 167979

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6

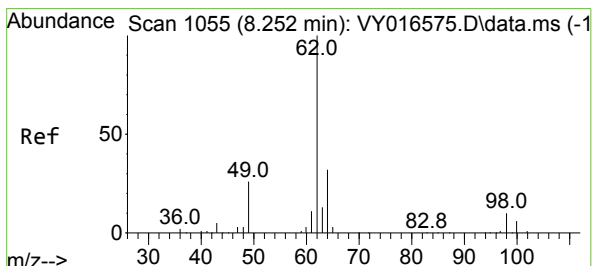
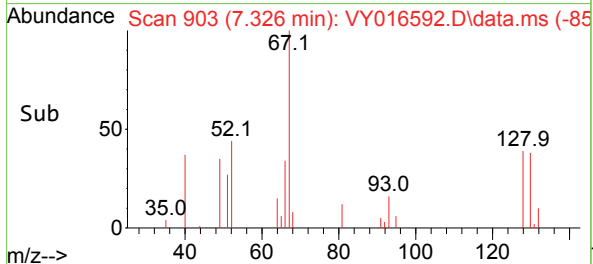
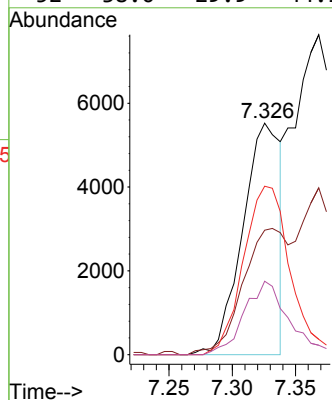
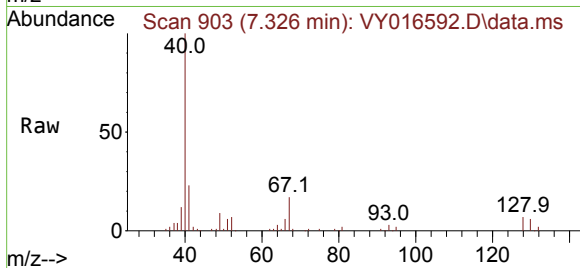




#41
Methacrylonitrile
Concen: 15.417 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

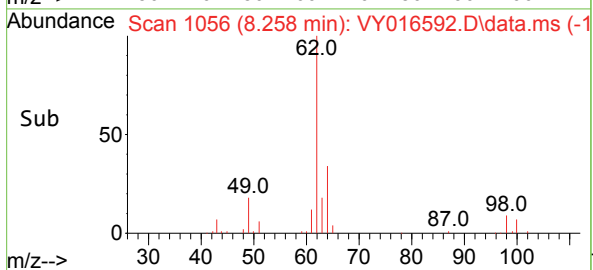
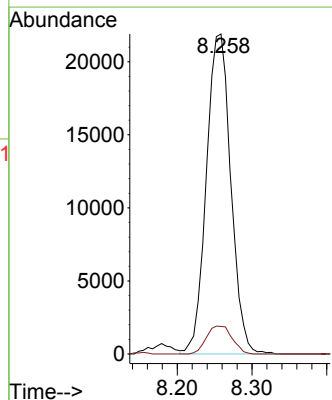
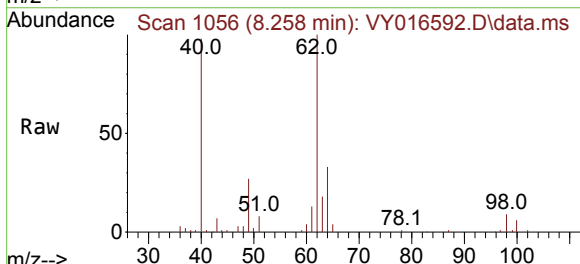
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

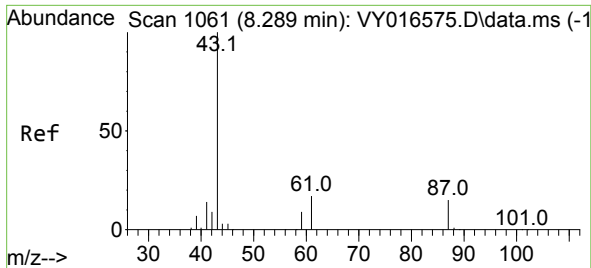
Tgt Ion: 41	Resp: 11471
Ion Ratio	Lower Upper
41 100	
39 64.1	52.1 78.1
67 90.2	66.2 99.2
52 38.0	29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.787 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 62	Resp: 49860
Ion Ratio	Lower Upper
62 100	
98 9.2	0.0 15.8

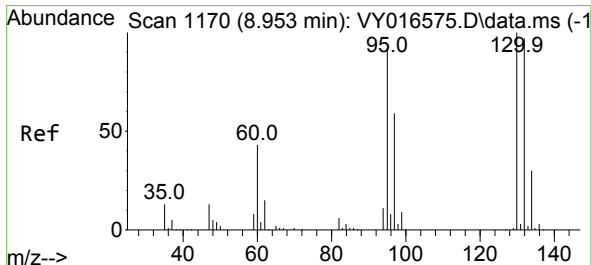
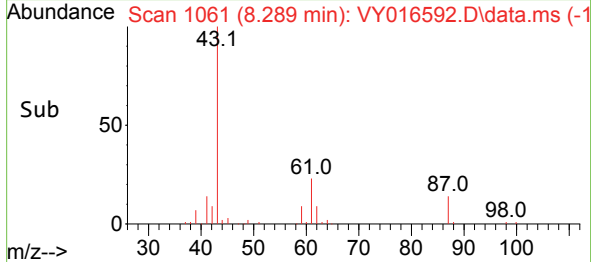
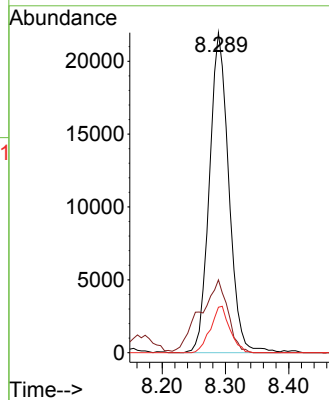
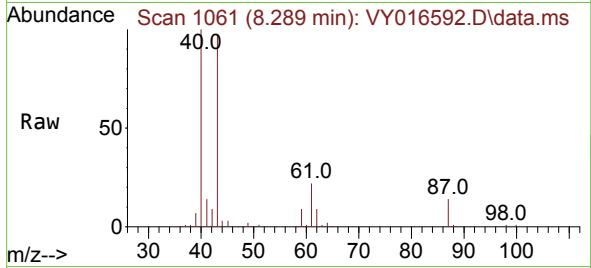




#43
Isopropyl Acetate
Concen: 18.794 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

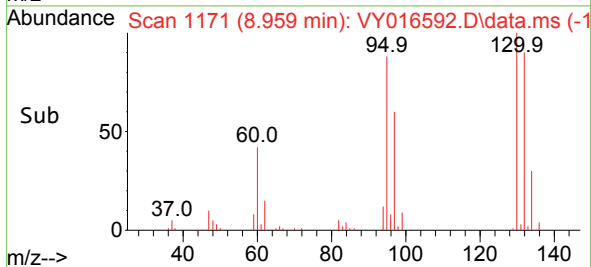
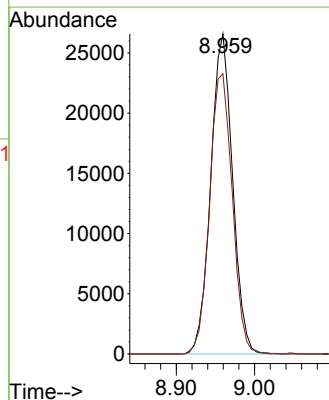
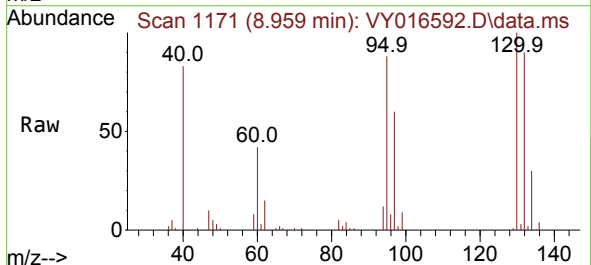
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

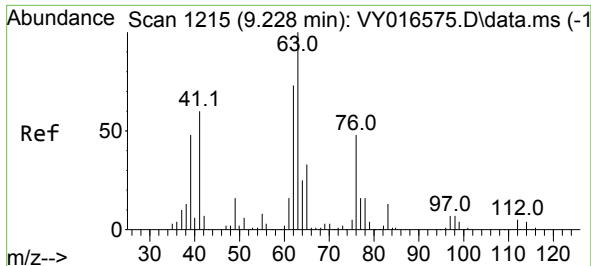
Tgt Ion: 43 Resp: 46709
Ion Ratio Lower Upper
43 100
61 32.7 21.1 31.7#
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 19.722 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion:130 Resp: 51616
Ion Ratio Lower Upper
130 100
95 87.6 0.0 196.0

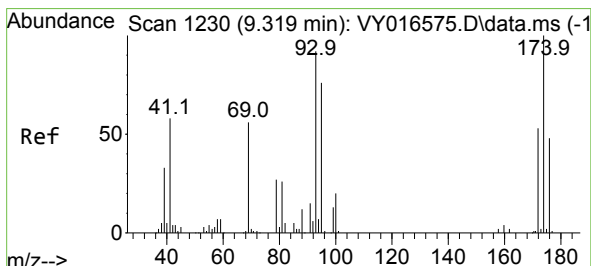
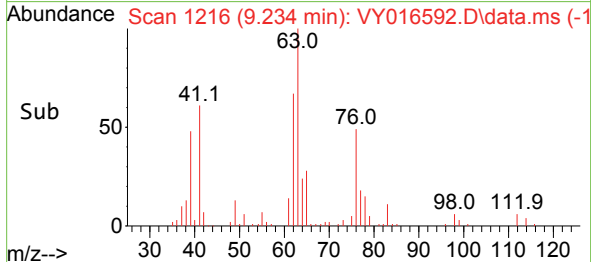
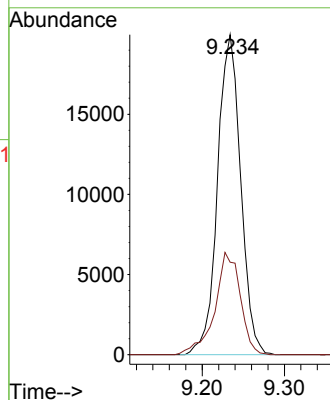
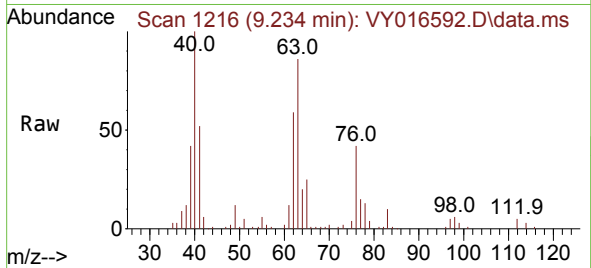




#45
1,2-Dichloropropane
Concen: 18.725 ug/l
RT: 9.234 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

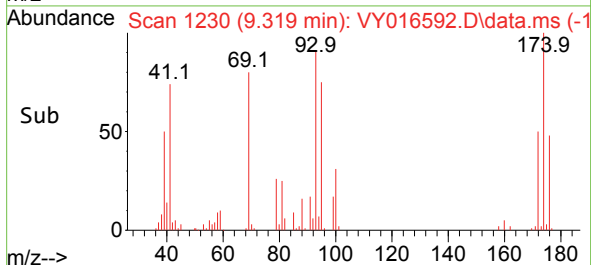
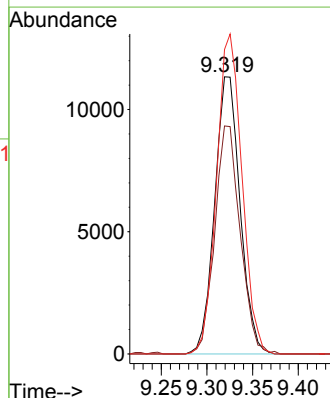
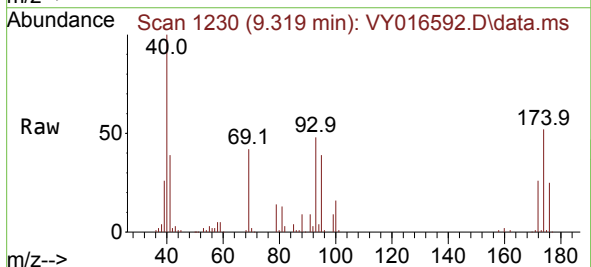
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

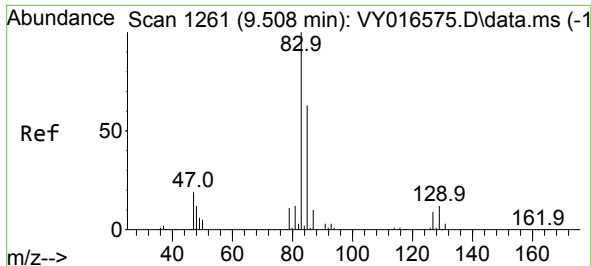
Tgt Ion: 63 Resp: 39122
Ion Ratio Lower Upper
63 100
65 28.9 23.8 35.6



#46
Dibromomethane
Concen: 19.126 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 93 Resp: 21907
Ion Ratio Lower Upper
93 100
95 82.5 66.6 100.0
174 115.4 84.8 127.2





#47

Bromodichloromethane

Concen: 19.392 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

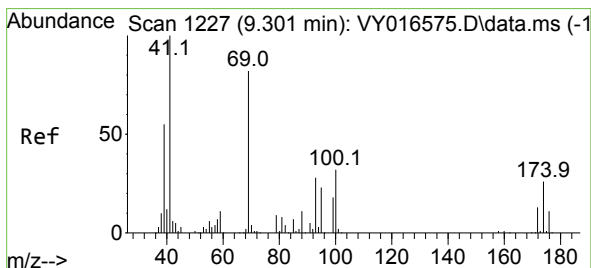
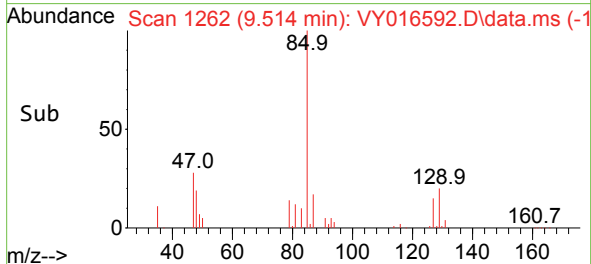
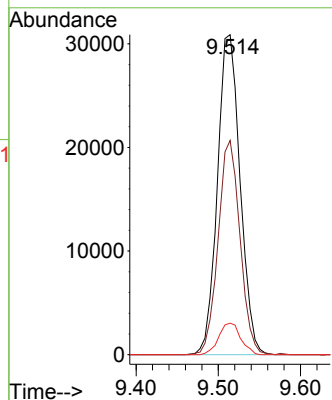
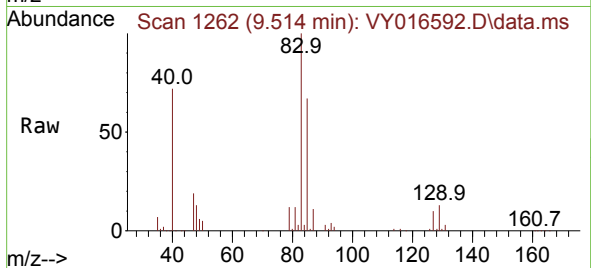
Tgt Ion: 83 Resp: 59132

Ion Ratio Lower Upper

83 100

85 67.0 50.1 75.1

127 9.9 7.1 10.7



#48

Methyl methacrylate

Concen: 17.016 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

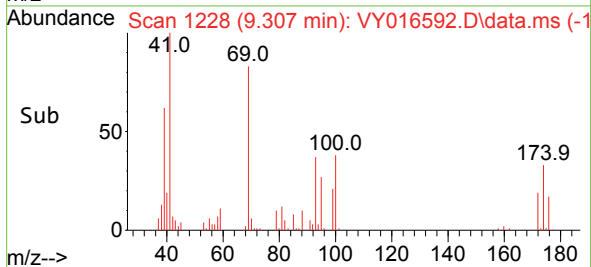
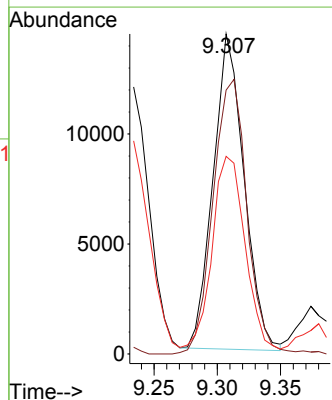
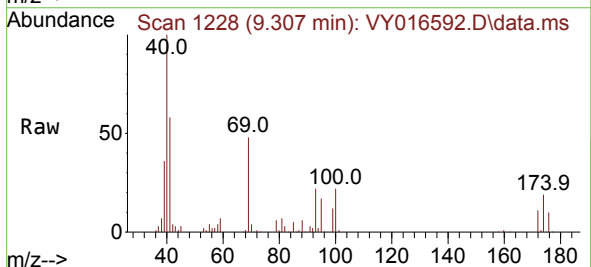
Tgt Ion: 41 Resp: 24423

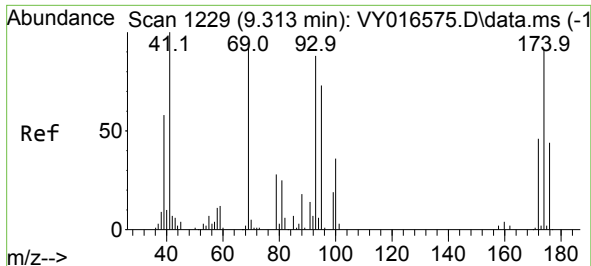
Ion Ratio Lower Upper

41 100

69 95.6 64.5 96.7

39 64.3 50.8 76.2





#49

1,4-Dioxane

Concen: 385.310 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

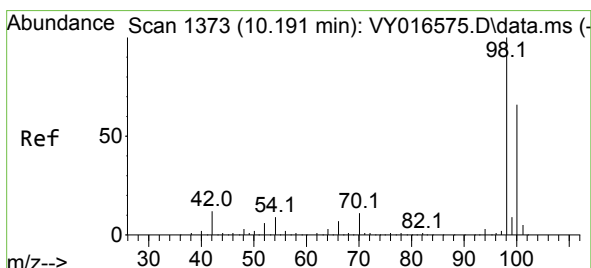
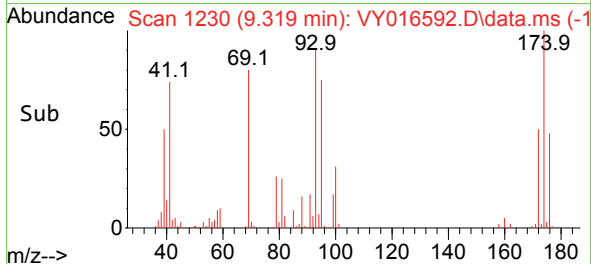
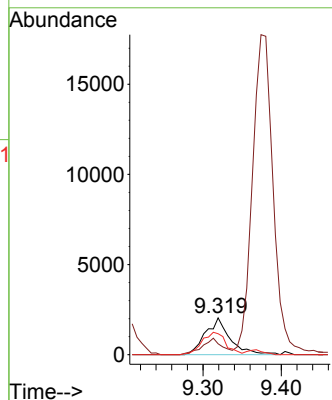
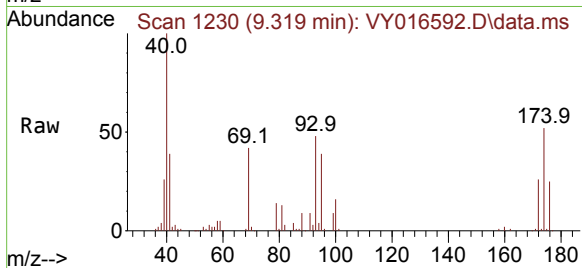
Tgt Ion: 88 Resp: 4467

Ion Ratio Lower Upper

88 100

43 36.6 0.0 0.0#

58 58.7 30.9 46.3#



#50

Toluene-d8

Concen: 50.328 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016592.D

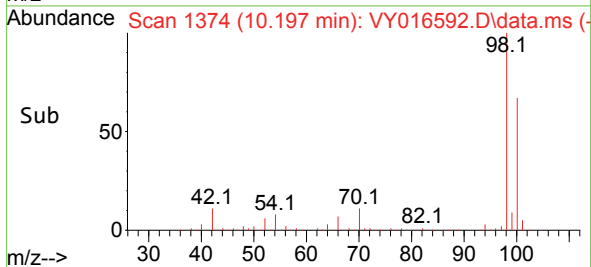
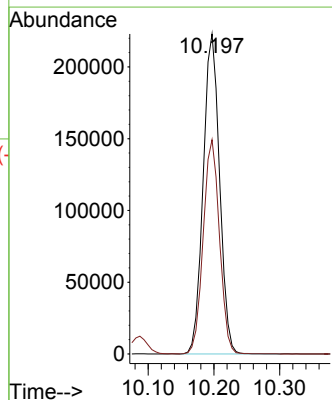
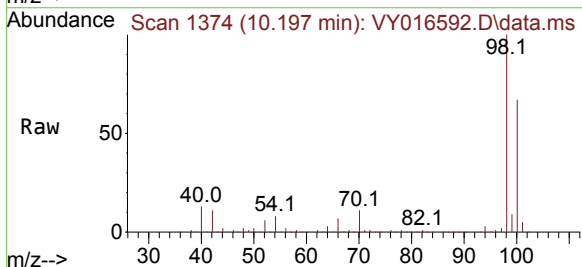
Acq: 05 Dec 2023 12:30

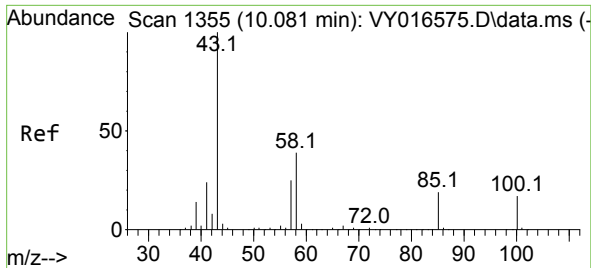
Tgt Ion: 98 Resp: 385577

Ion Ratio Lower Upper

98 100

100 66.5 50.1 75.1

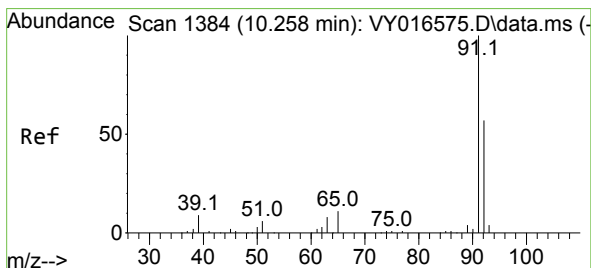
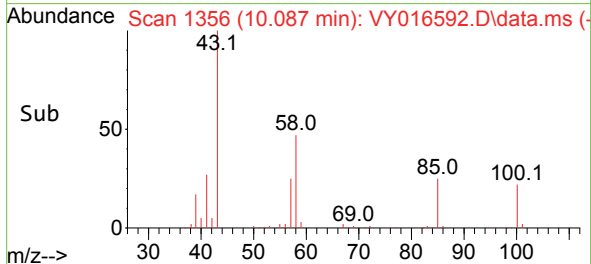
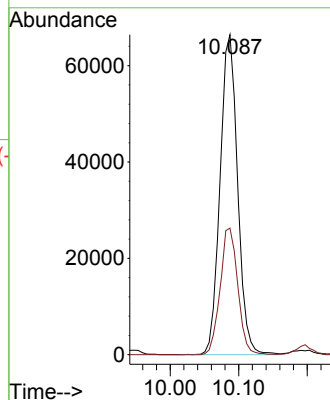
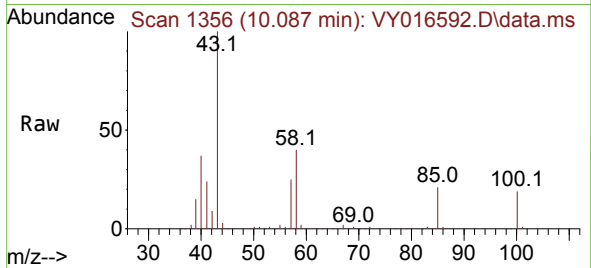




#51
4-Methyl-2-Pentanone
Concen: 91.226 ug/l
RT: 10.087 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

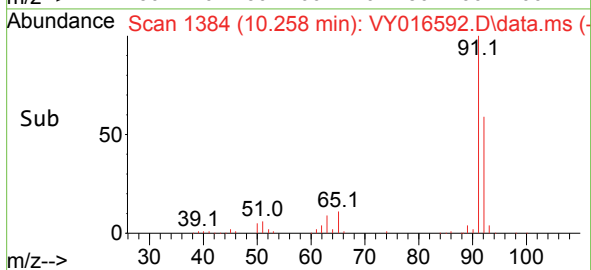
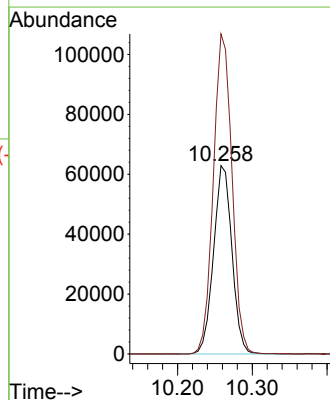
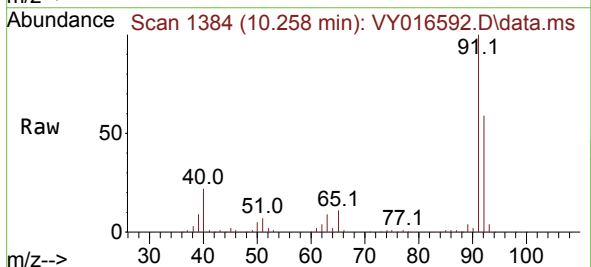
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

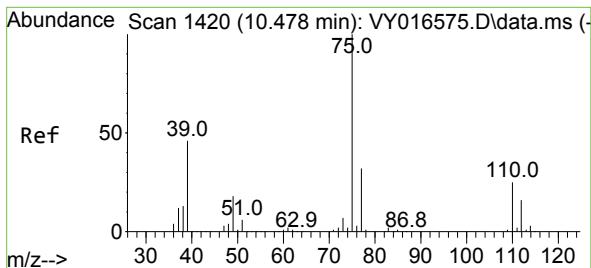
Tgt Ion: 43 Resp: 117827
Ion Ratio Lower Upper
43 100
58 39.7 29.0 43.6



#52
Toluene
Concen: 19.766 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 92 Resp: 107508
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

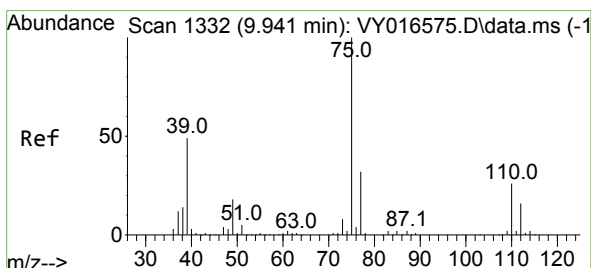
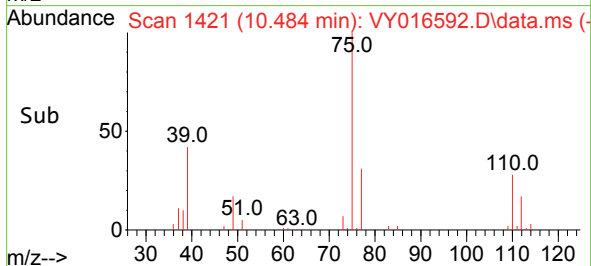
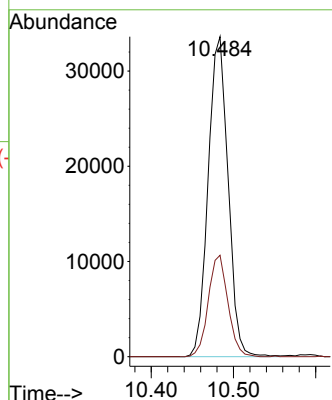
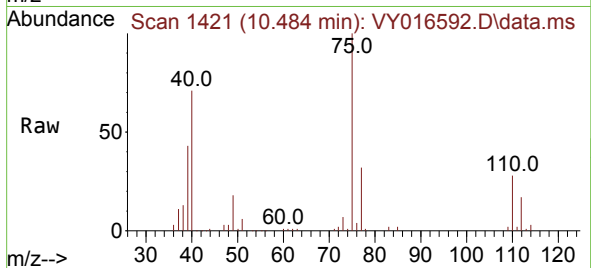




#53
 t-1,3-Dichloropropene
 Concen: 19.637 ug/l
 RT: 10.484 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

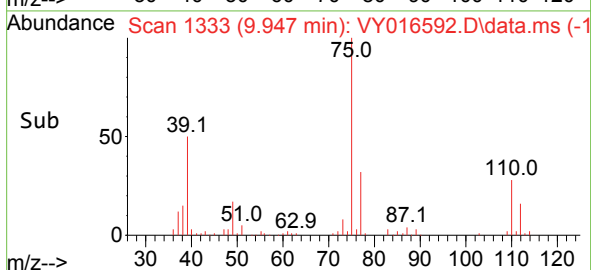
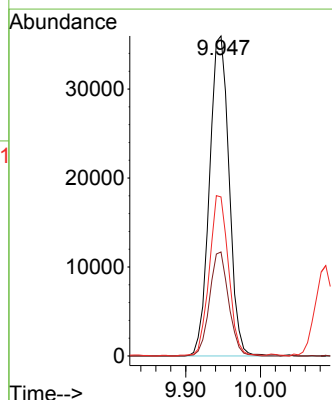
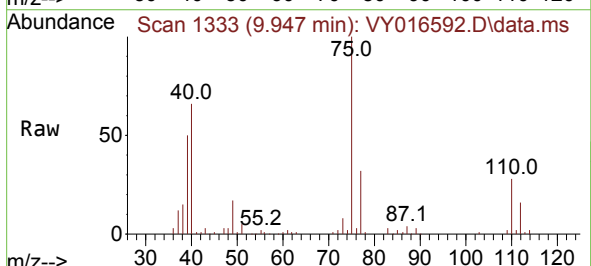
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

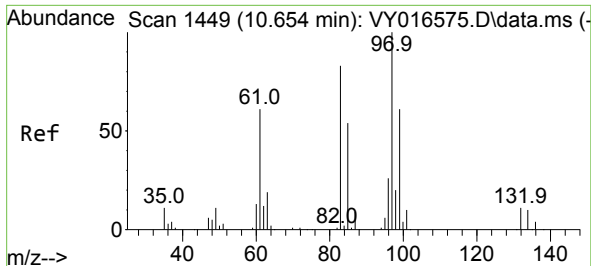
Tgt Ion: 75 Resp: 56512
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.362 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

Tgt Ion: 75 Resp: 65439
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.2 36.4
 39 49.5 42.2 63.4

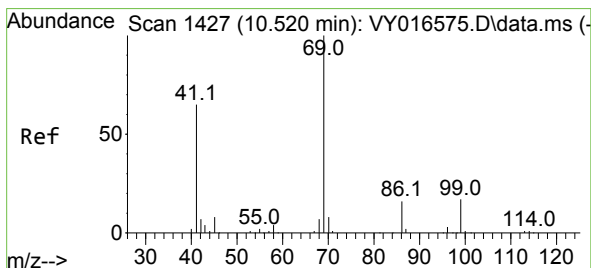
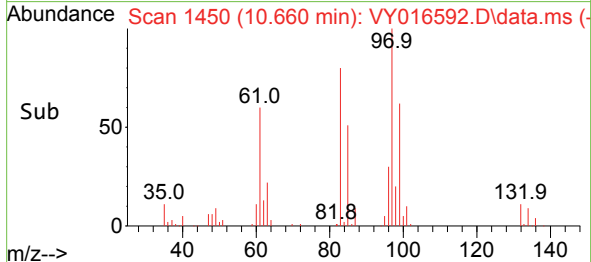
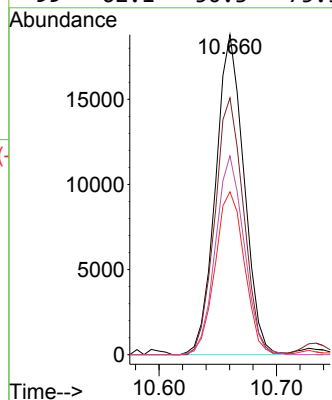
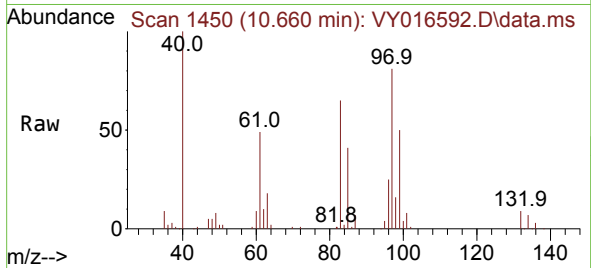




#55
1,1,2-Trichloroethane
Concen: 19.763 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

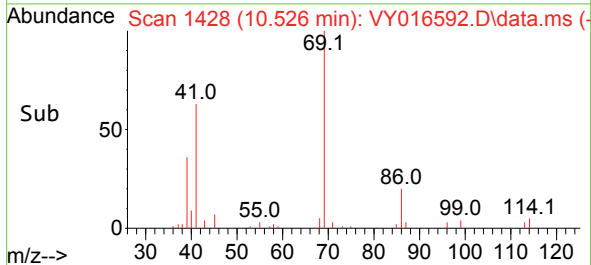
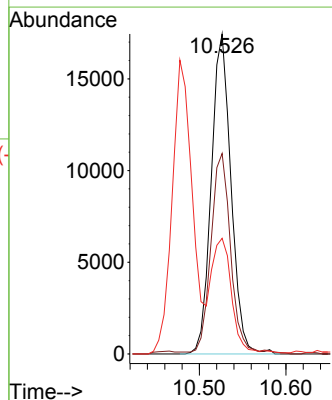
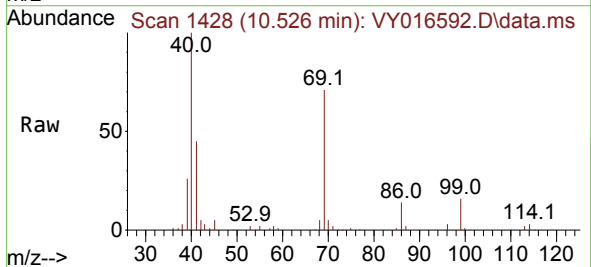
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

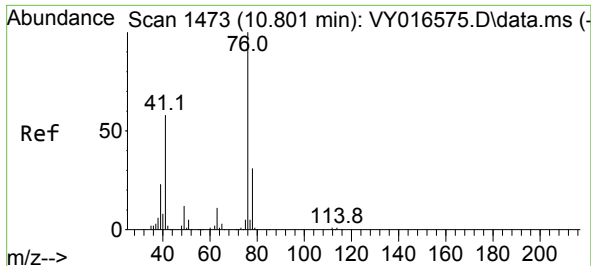
Tgt Ion: 97 Resp: 31531
Ion Ratio Lower Upper
97 100
83 80.3 72.0 108.0
85 50.9 45.4 68.0
99 62.1 50.3 75.5



#56
Ethyl methacrylate
Concen: 18.891 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 69 Resp: 27628
Ion Ratio Lower Upper
69 100
41 63.5 57.6 86.4
39 35.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.370 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

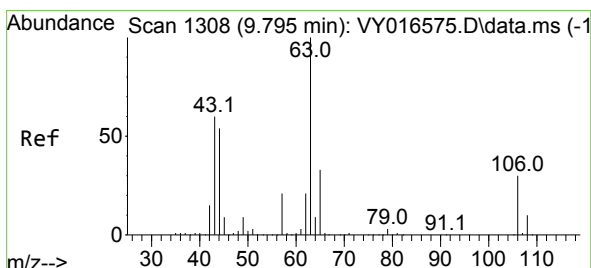
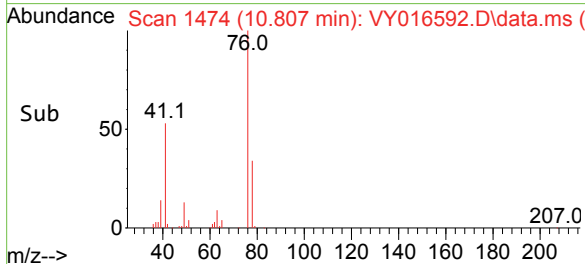
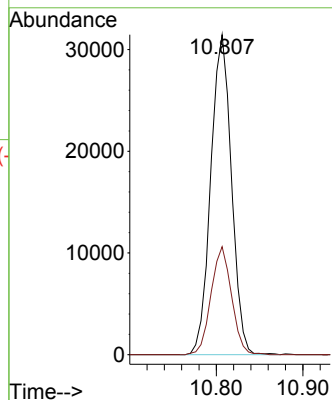
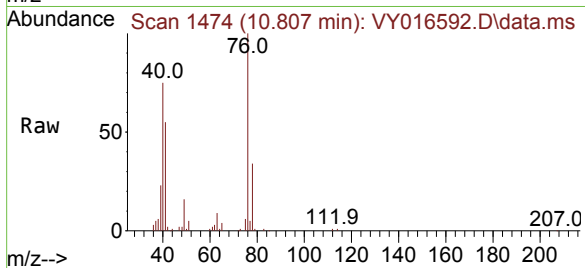
VY1205SBS02

Tgt Ion: 76 Resp: 52209

Ion Ratio Lower Upper

76 100

78 33.5 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 87.726 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016592.D

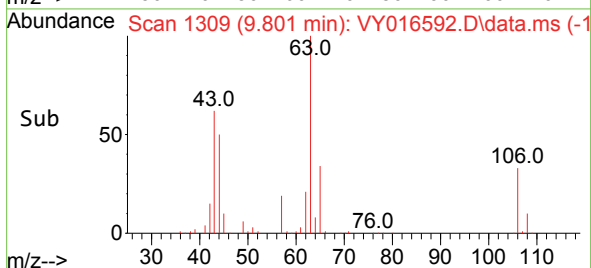
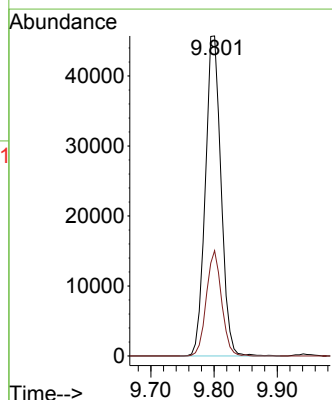
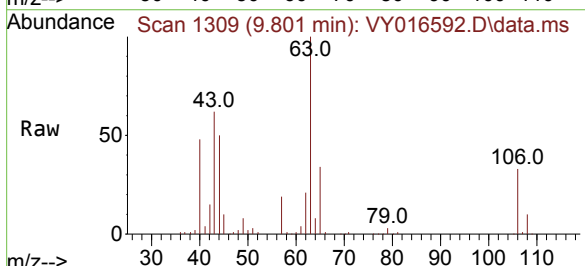
Acq: 05 Dec 2023 12:30

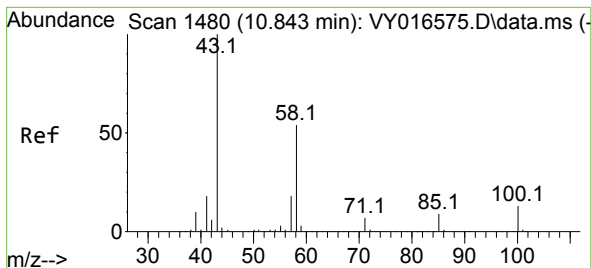
Tgt Ion: 63 Resp: 79065

Ion Ratio Lower Upper

63 100

106 31.9 21.2 31.8#





#59

2-Hexanone

Concen: 96.861 ug/l

RT: 10.849 min Scan# 1480

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

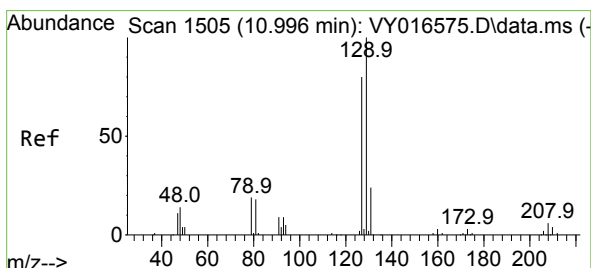
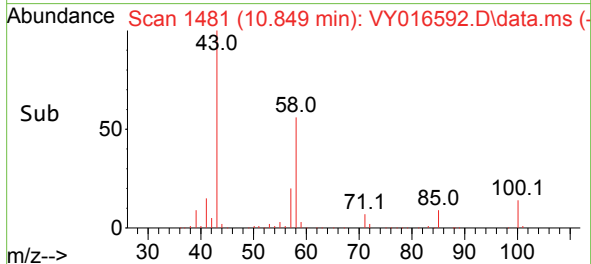
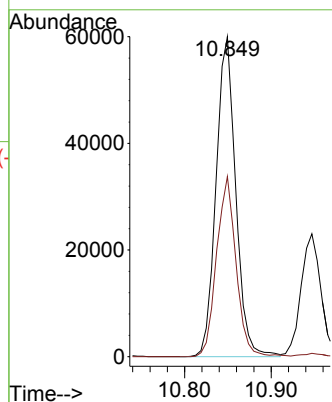
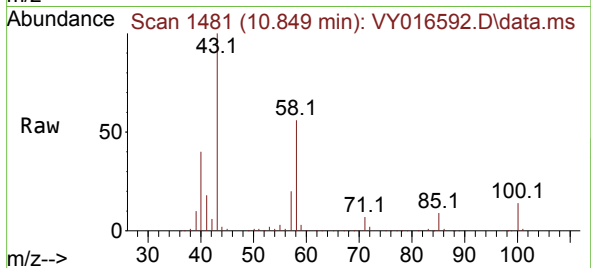
VY1205SBS02

Tgt Ion: 43 Resp: 94640

Ion Ratio Lower Upper

43 100

58 55.8 25.1 75.3



#60

Dibromochloromethane

Concen: 19.570 ug/l

RT: 11.002 min Scan# 1506

Delta R.T. 0.006 min

Lab File: VY016592.D

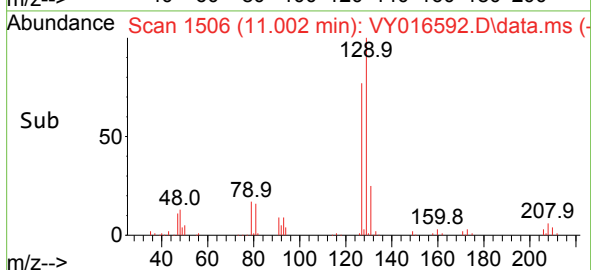
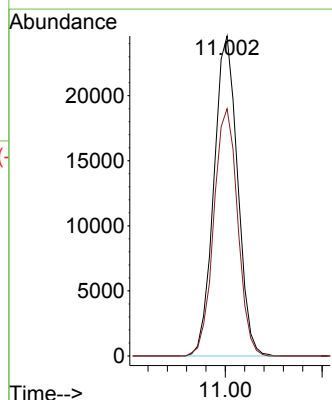
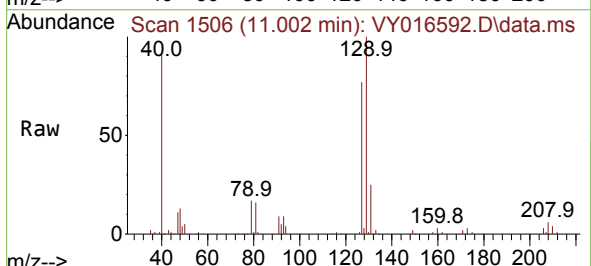
Acq: 05 Dec 2023 12:30

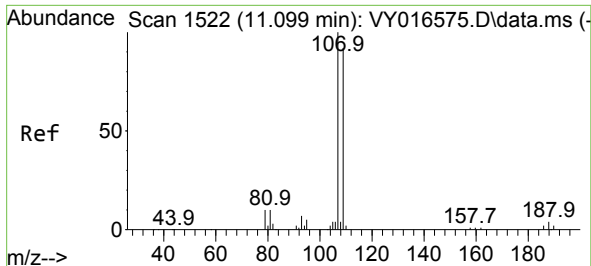
Tgt Ion: 129 Resp: 41720

Ion Ratio Lower Upper

129 100

127 77.9 38.5 115.5

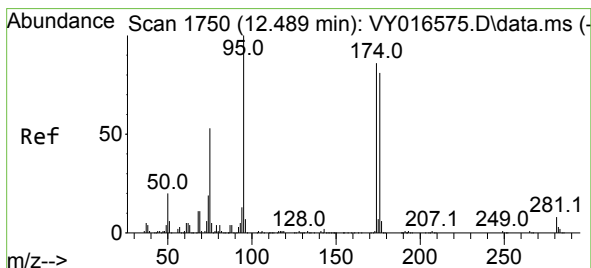
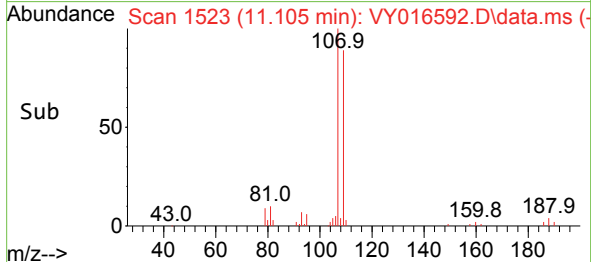
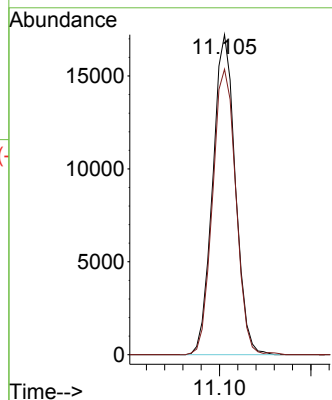
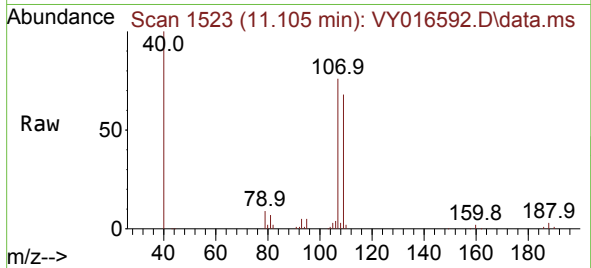




#61
1,2-Dibromoethane
Concen: 19.695 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

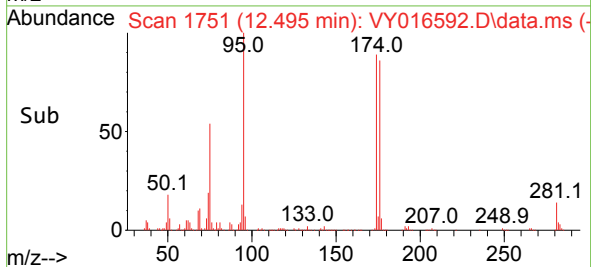
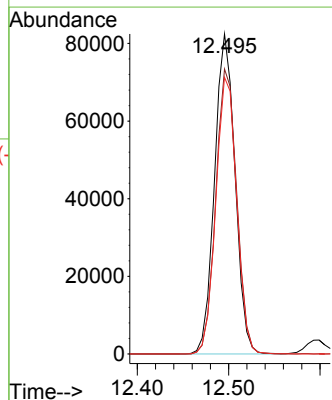
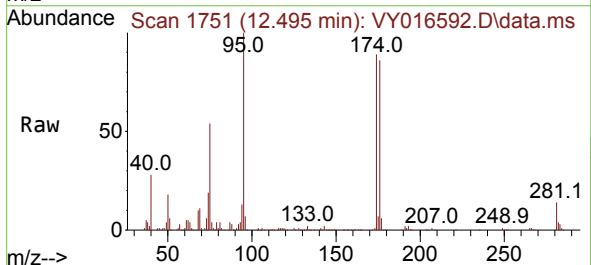
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

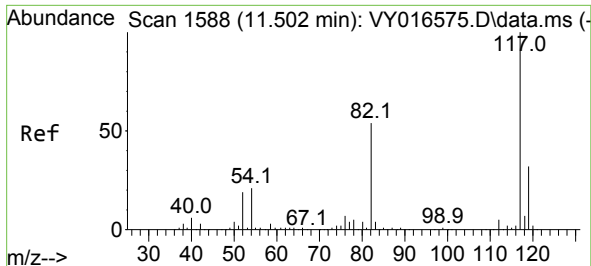
Tgt Ion:107 Resp: 29556
Ion Ratio Lower Upper
107 100
109 92.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.896 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 95 Resp: 128231
Ion Ratio Lower Upper
95 100
174 91.0 0.0 178.2
176 88.2 0.0 173.8

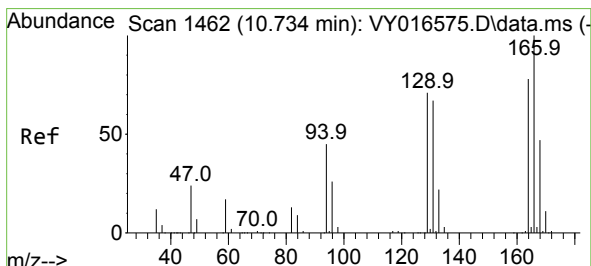
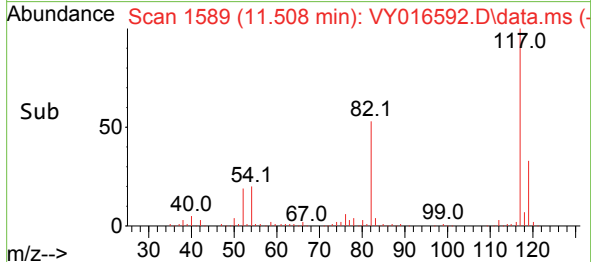
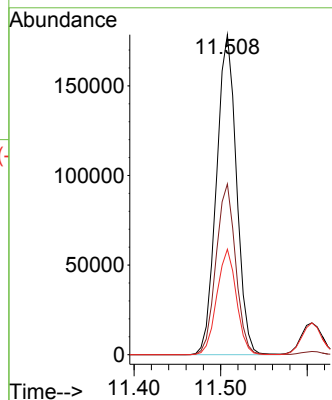
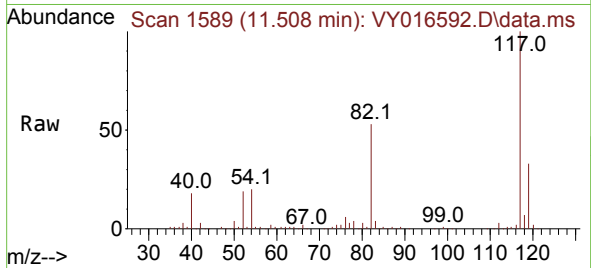




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

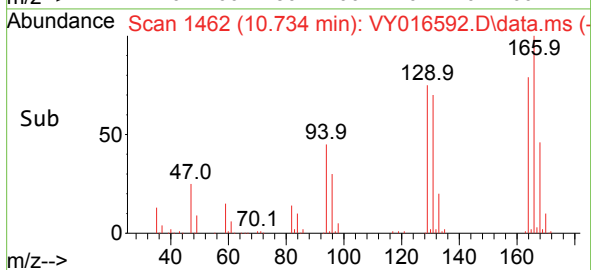
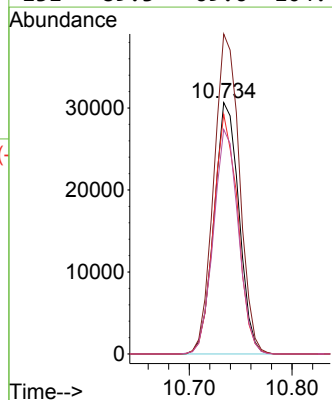
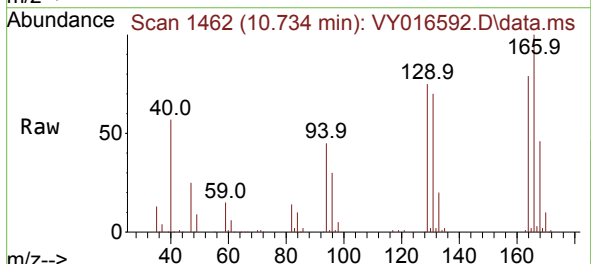
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

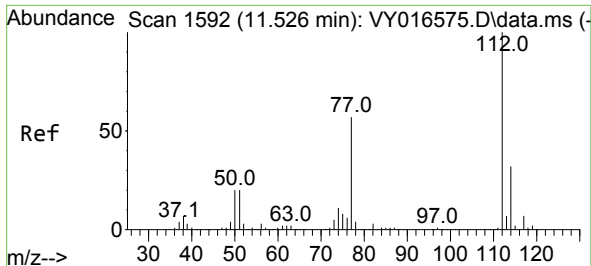
Tgt Ion:117 Resp: 287206
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 33.0 26.3 39.5



#64
Tetrachloroethene
Concen: 19.635 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion:164 Resp: 51682
Ion Ratio Lower Upper
164 100
166 127.3 103.0 154.6
129 95.4 77.2 115.8
131 89.3 69.6 104.4

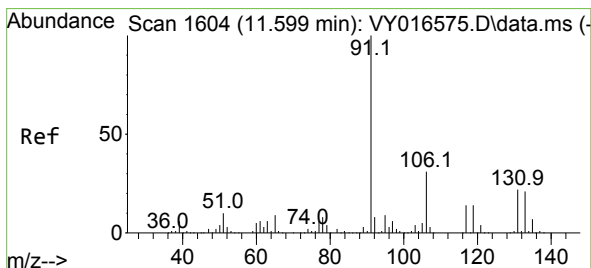
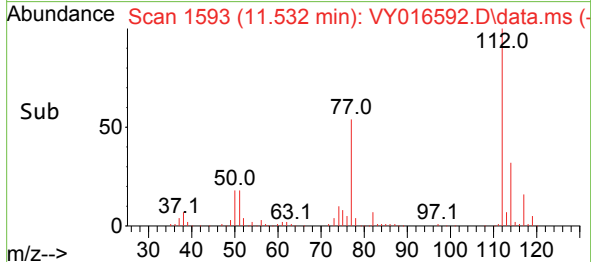
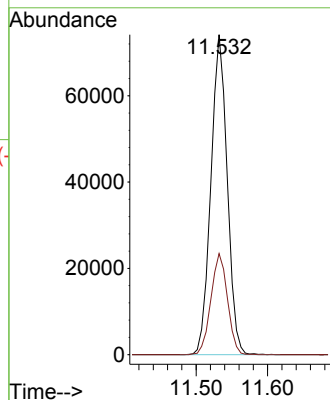
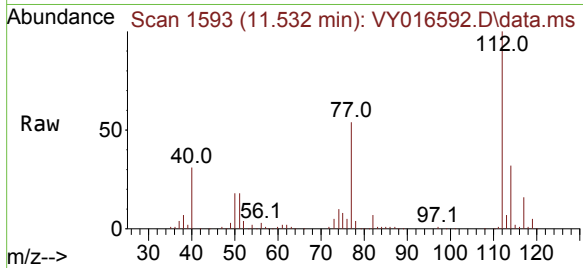




#65
Chlorobenzene
Concen: 20.185 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

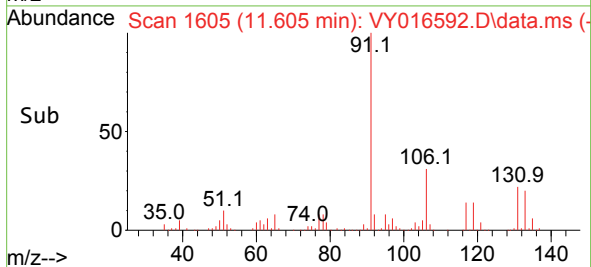
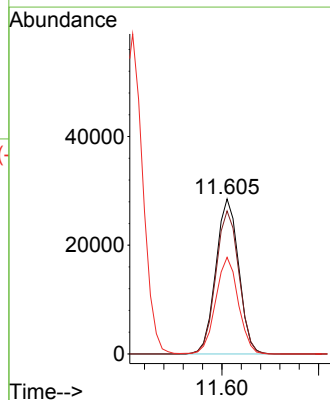
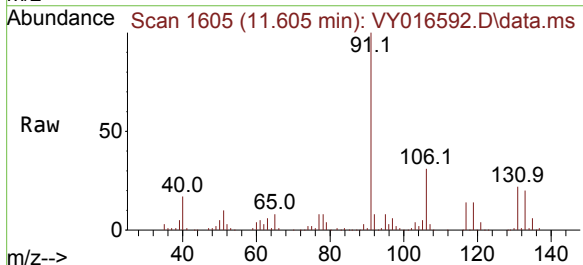
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

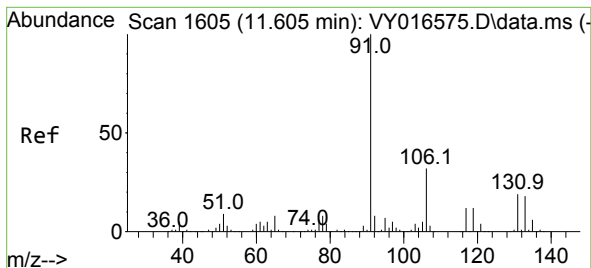
Tgt Ion:112 Resp: 117417
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.548 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion:131 Resp: 46719
Ion Ratio Lower Upper
131 100
133 93.5 47.5 142.6
119 61.7 31.6 94.7





#67

Ethyl Benzene

Concen: 19.752 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

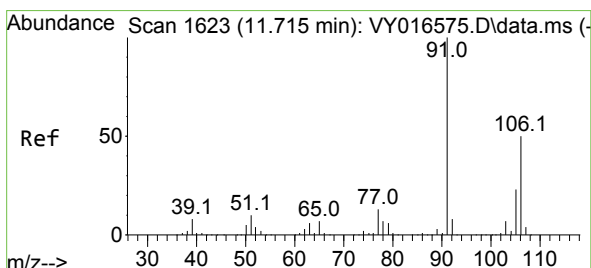
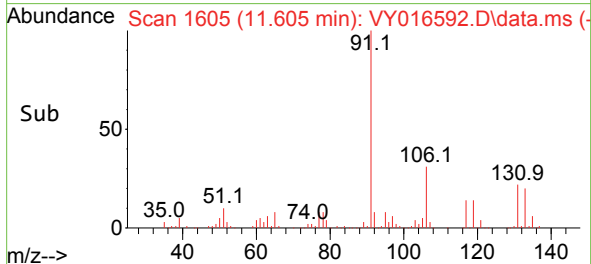
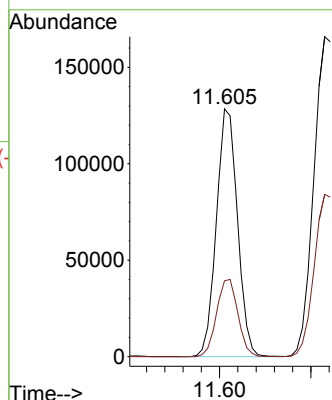
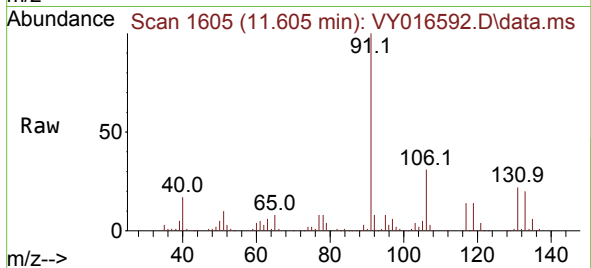
VY1205SBS02

Tgt Ion: 91 Resp: 206063

Ion Ratio Lower Upper

91 100

106 30.6 24.6 36.8



#68

m/p-Xylenes

Concen: 40.477 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016592.D

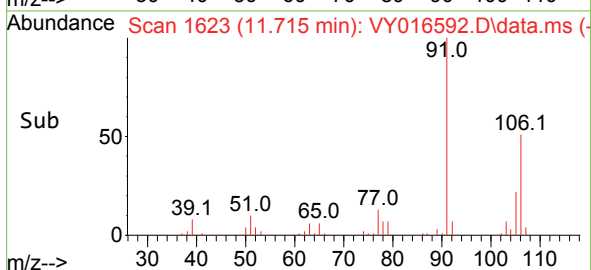
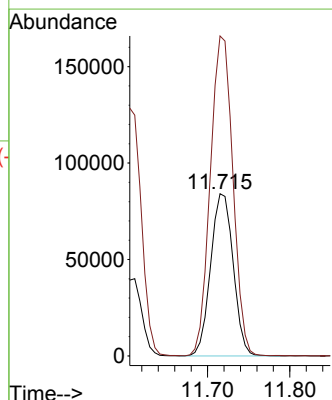
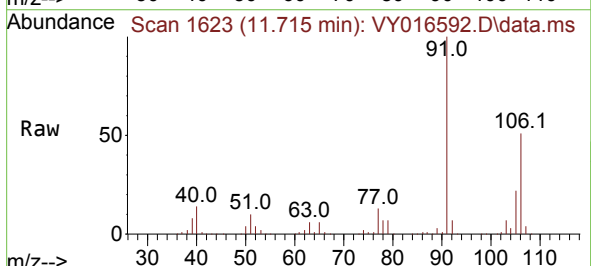
Acq: 05 Dec 2023 12:30

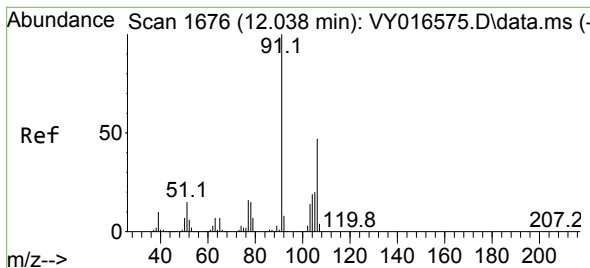
Tgt Ion:106 Resp: 160309

Ion Ratio Lower Upper

106 100

91 197.2 166.1 249.1





#69

o-Xylene

Concen: 20.385 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

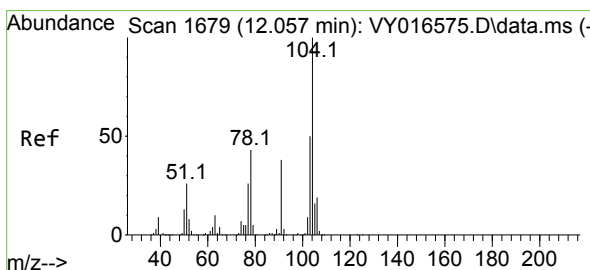
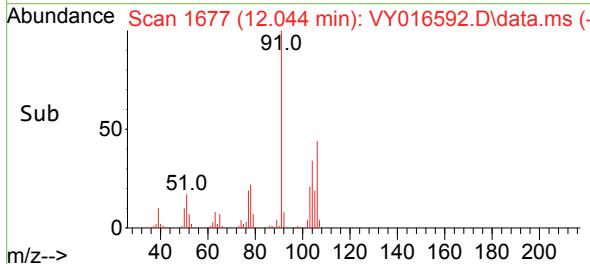
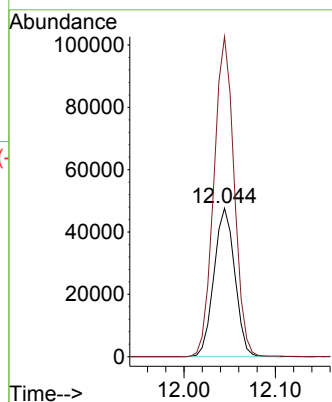
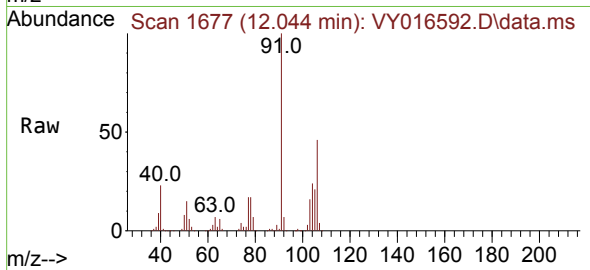
VY1205SBS02

Tgt Ion:106 Resp: 75369

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 20.170 ug/l

RT: 12.063 min Scan# 1680

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

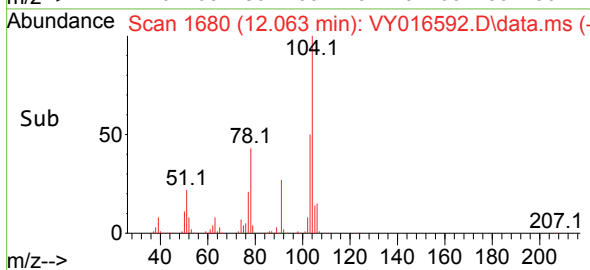
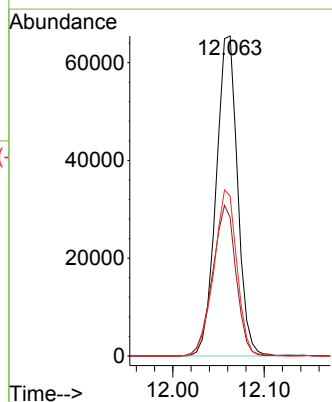
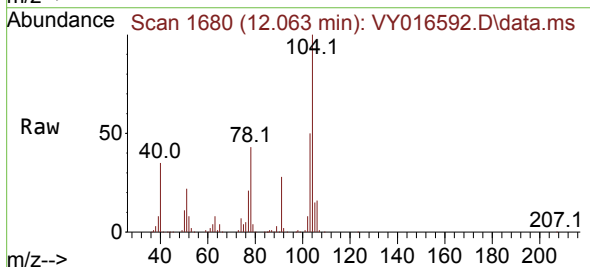
Tgt Ion:104 Resp: 106996

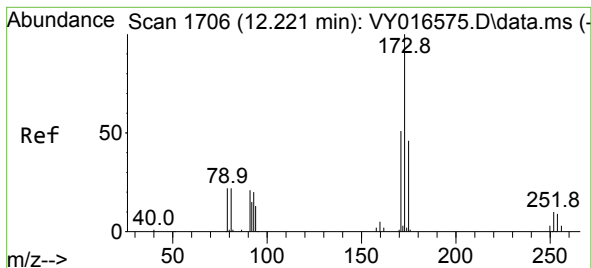
Ion Ratio Lower Upper

104 100

78 51.5 41.5 62.3

103 56.0 44.6 67.0





#71

Bromoform

Concen: 20.381 ug/l

RT: 12.221 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

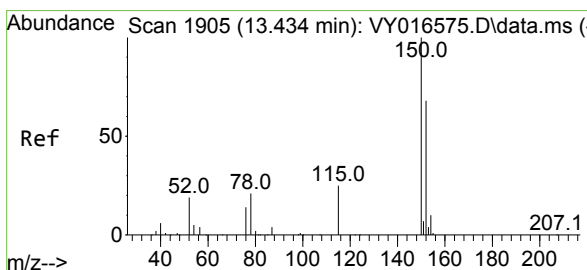
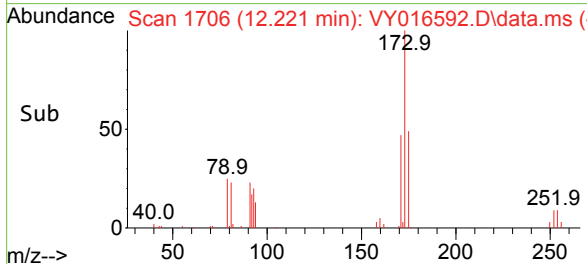
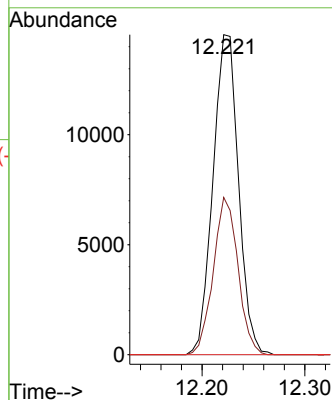
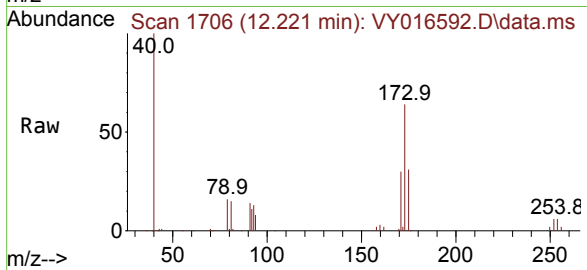
Tgt Ion:173 Resp: 25022

Ion Ratio Lower Upper

173 100

175 47.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

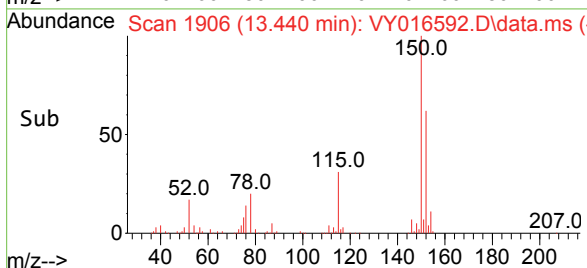
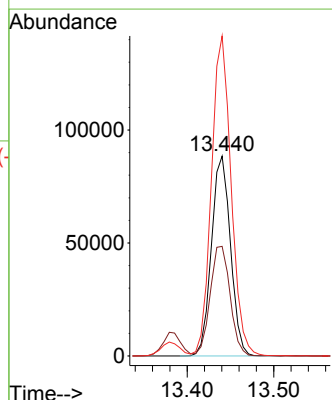
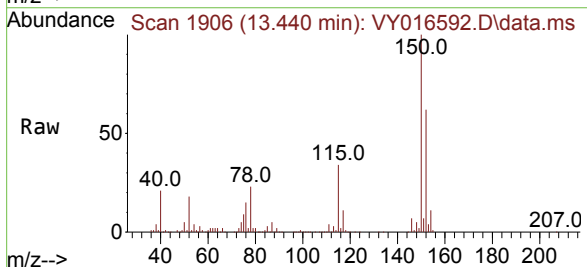
Tgt Ion:152 Resp: 135038

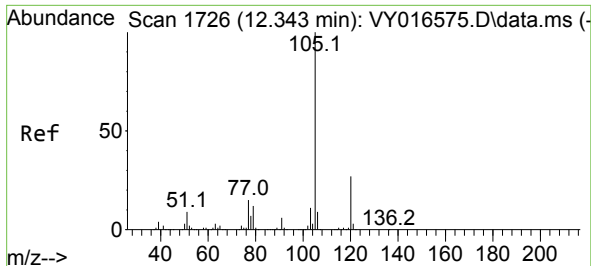
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 165.5 0.0 348.8

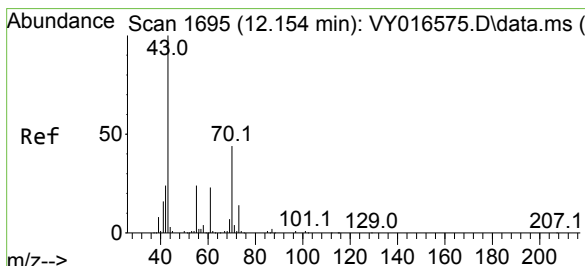
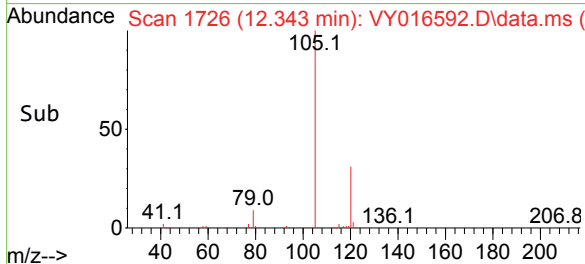
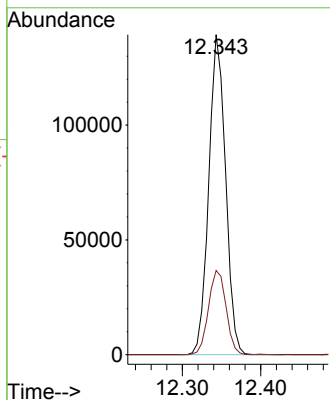
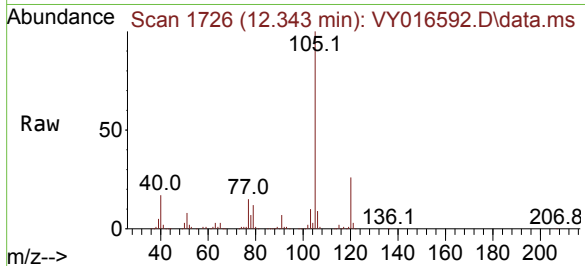




#73
Isopropylbenzene
Concen: 20.714 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

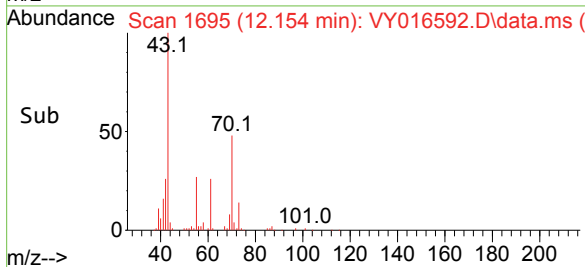
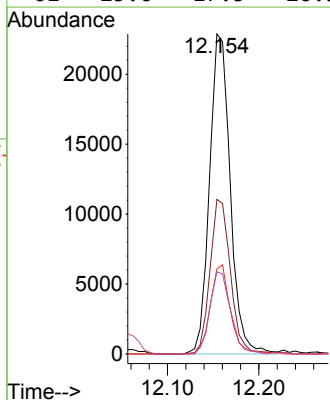
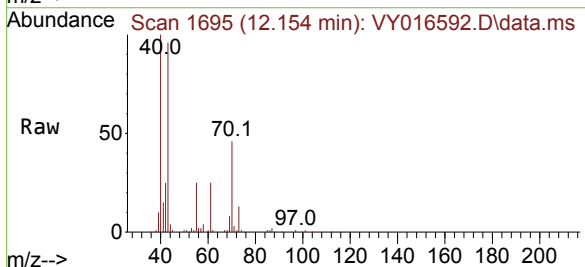
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

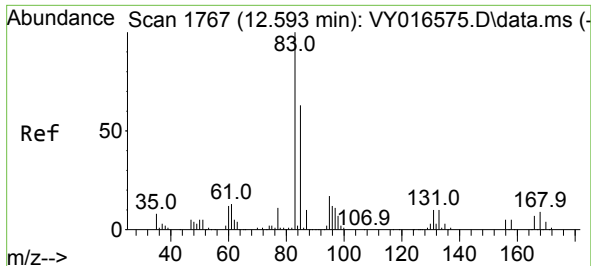
Tgt Ion:105 Resp: 207119
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9



#74
N-ethyl acetate
Concen: 18.056 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 43 Resp: 36000
Ion Ratio Lower Upper
43 100
70 47.4 29.7 44.5#
55 27.1 18.3 27.5
61 25.6 17.5 26.3

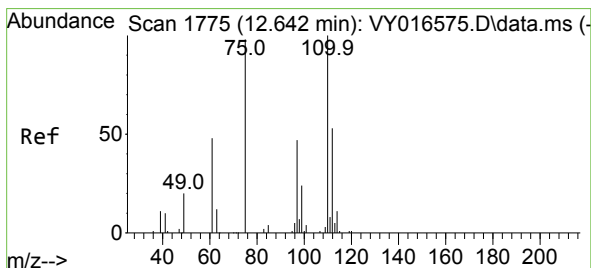
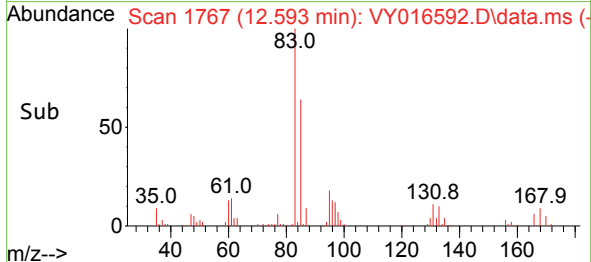
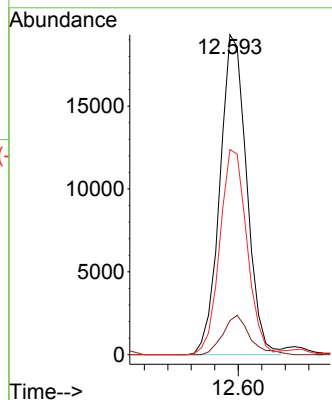
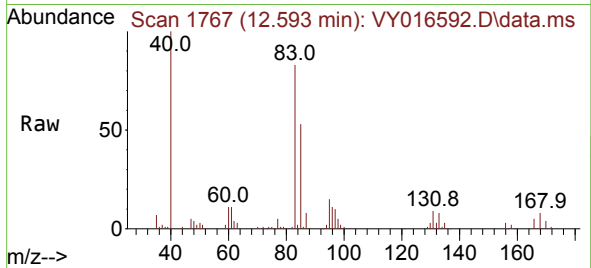




#75
1,1,2,2-Tetrachloroethane
Concen: 19.222 ug/l
RT: 12.593 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

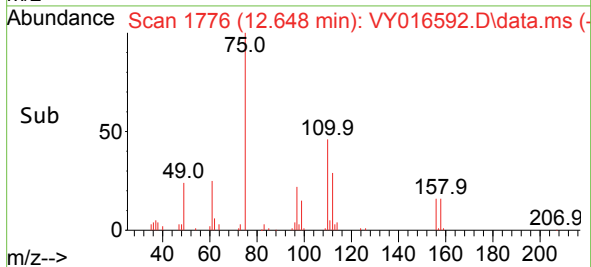
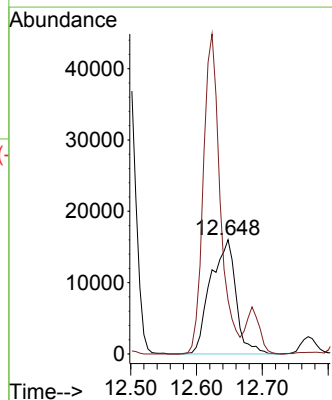
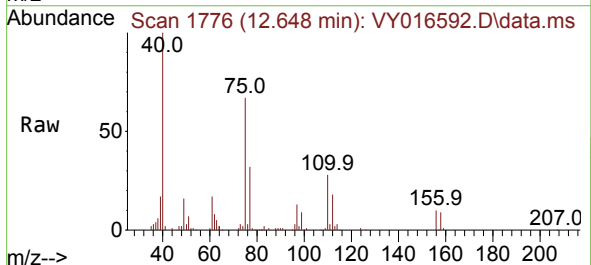
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

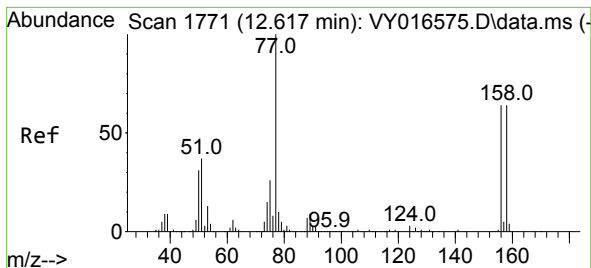
Tgt Ion: 83 Resp: 30571
Ion Ratio Lower Upper
83 100
131 12.3 5.4 16.2
85 65.2 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 35.268 ug/l
RT: 12.648 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 75 Resp: 43021
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.945 ug/l

RT: 12.623 min Scan# 1771

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

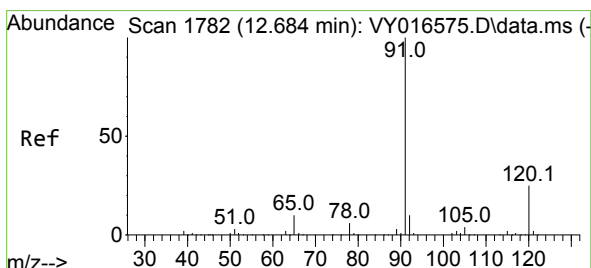
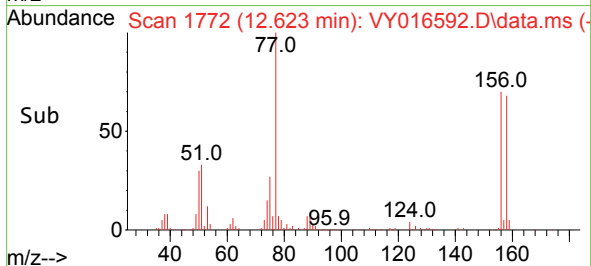
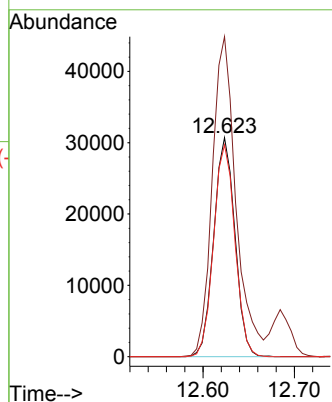
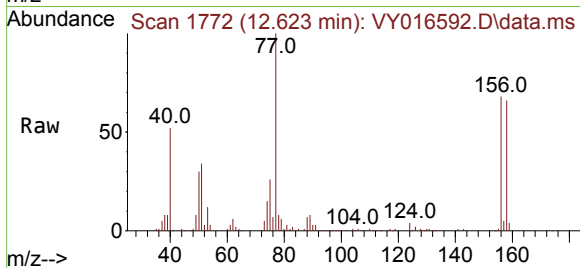
Tgt Ion:156 Resp: 49360

Ion Ratio Lower Upper

156 100

77 163.3 92.8 278.6

158 97.7 48.4 145.3



#78

n-propylbenzene

Concen: 20.544 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016592.D

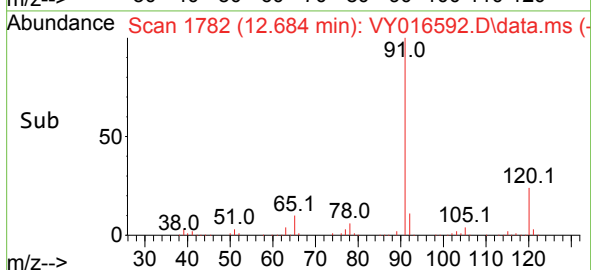
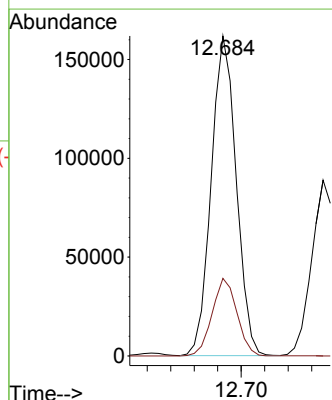
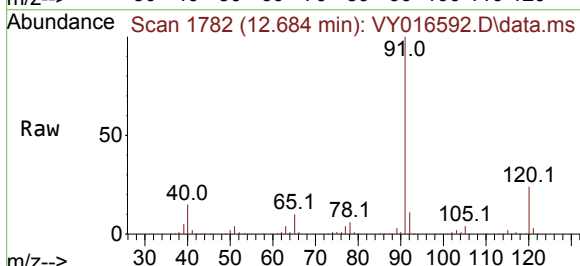
Acq: 05 Dec 2023 12:30

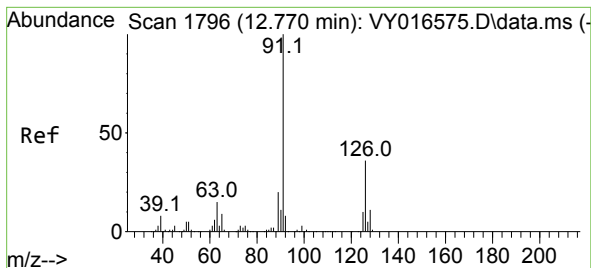
Tgt Ion: 91 Resp: 239093

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.482 ug/l

RT: 12.770 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

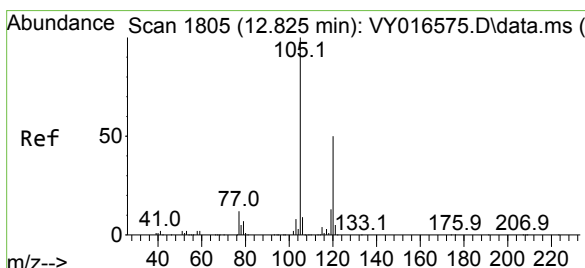
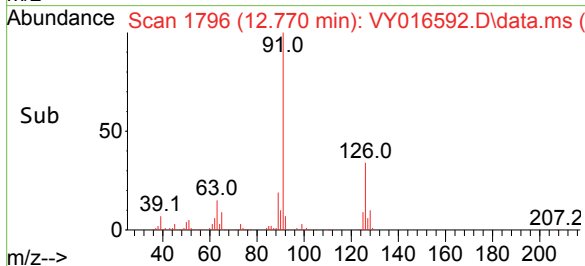
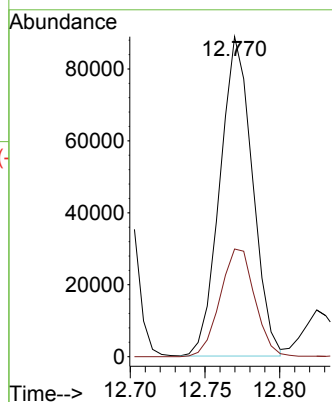
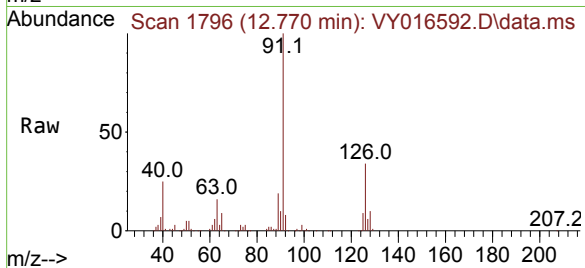
VY1205SBS02

Tgt Ion: 91 Resp: 134330

Ion Ratio Lower Upper

91 100

126 36.0 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.809 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016592.D

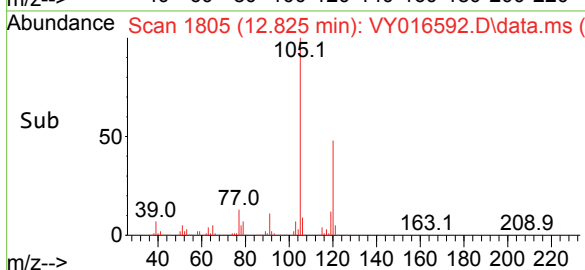
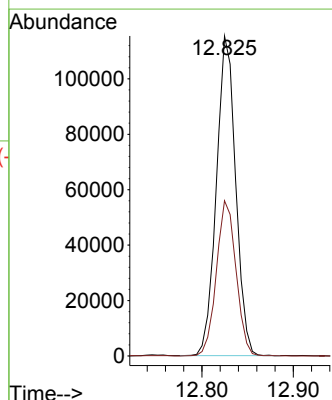
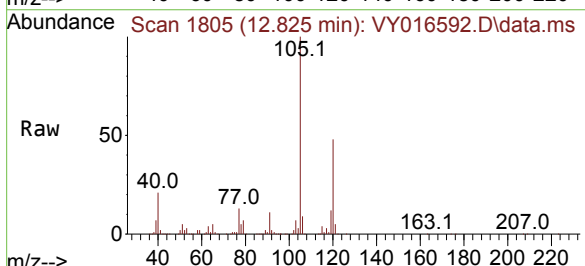
Acq: 05 Dec 2023 12:30

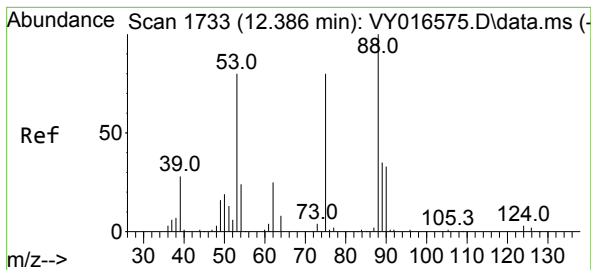
Tgt Ion:105 Resp: 169073

Ion Ratio Lower Upper

105 100

120 49.5 23.9 71.7

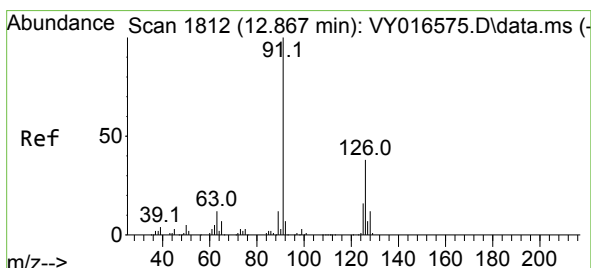
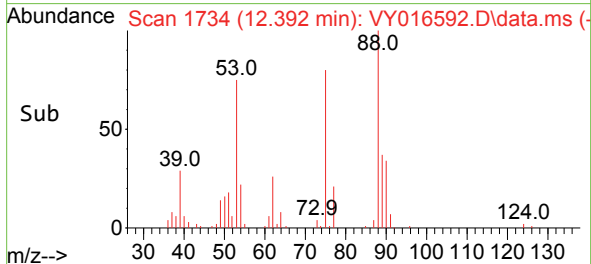
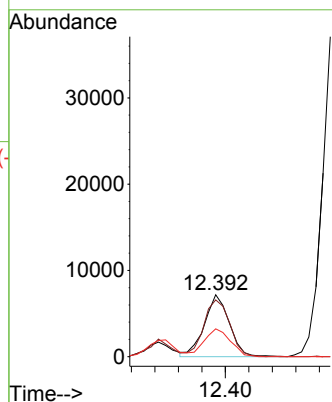
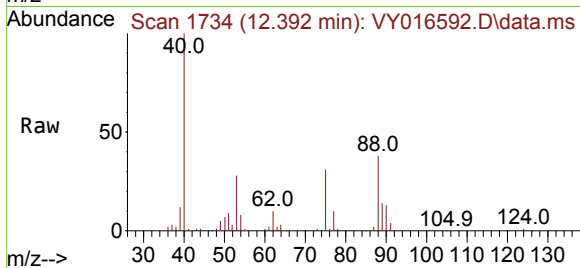




#81
trans-1,4-Dichloro-2-butene
Concen: 19.626 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

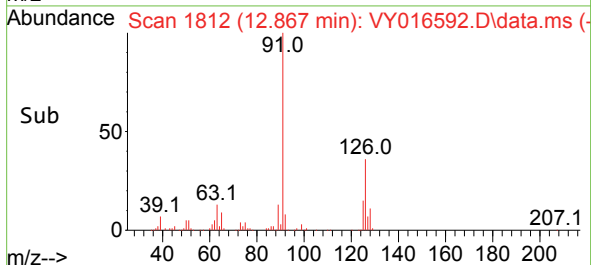
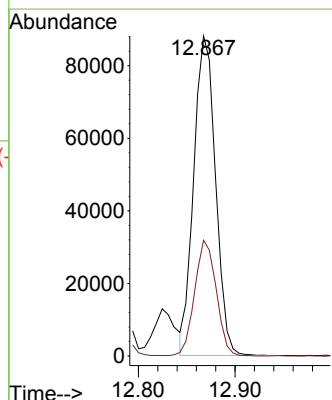
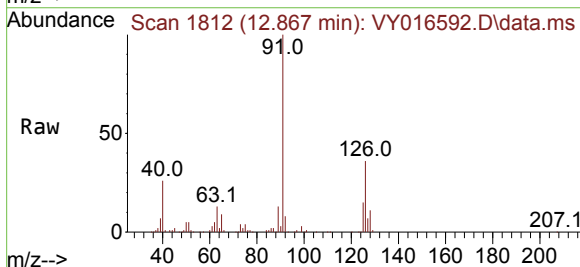
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

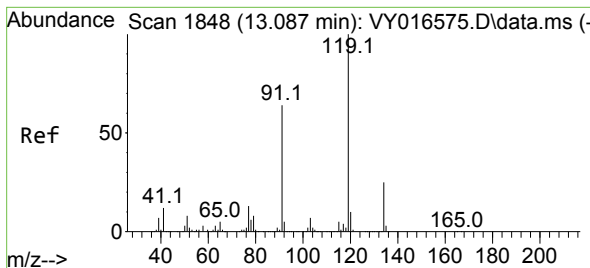
Tgt Ion: 75 Resp: 10613
Ion Ratio Lower Upper
75 100
53 96.4 77.8 116.8
89 47.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.337 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion: 91 Resp: 138009
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.309 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

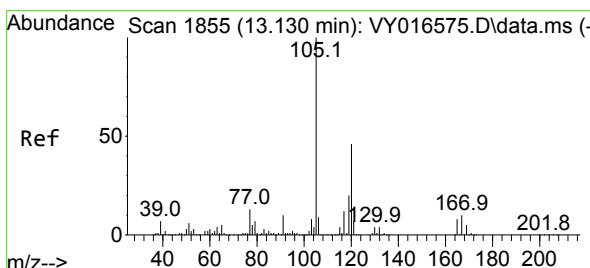
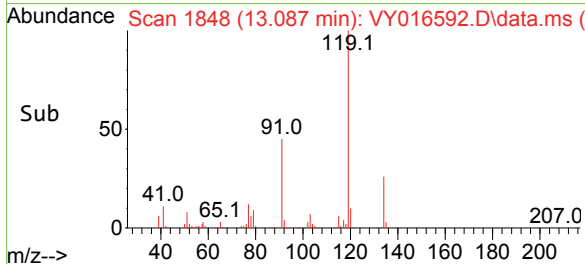
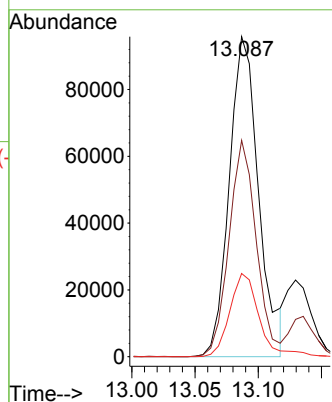
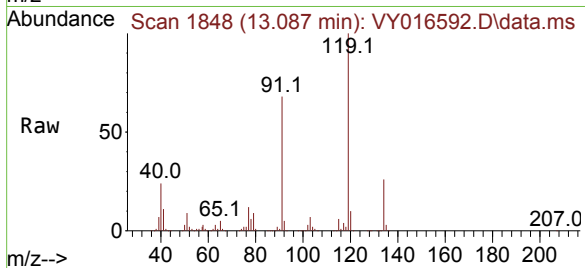
Tgt Ion:119 Resp: 154693

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.036 ug/l

RT: 13.136 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016592.D

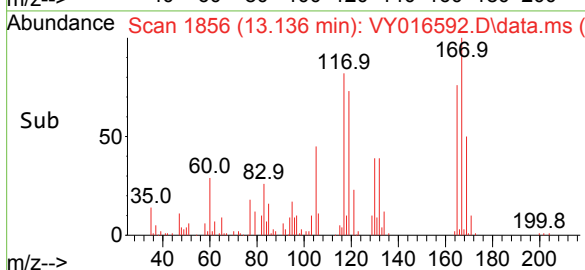
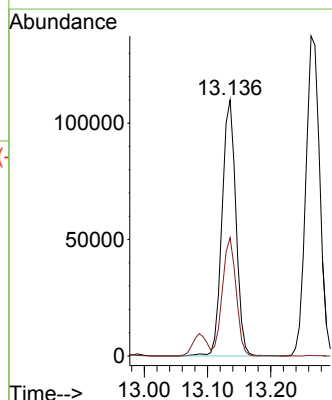
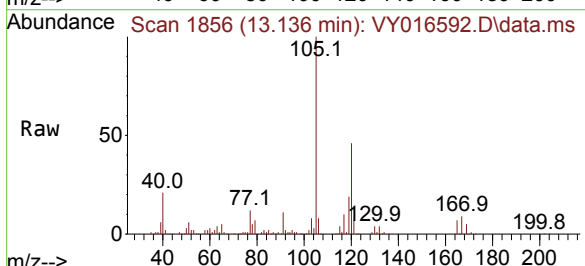
Acq: 05 Dec 2023 12:30

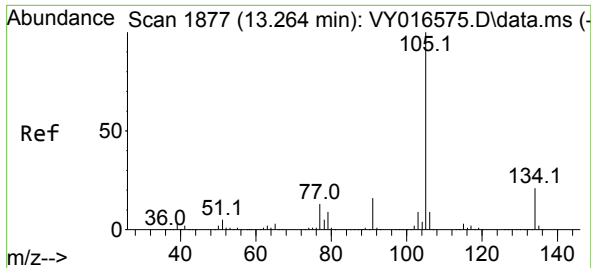
Tgt Ion:105 Resp: 166943

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6

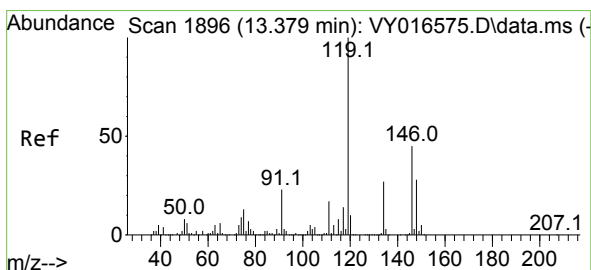
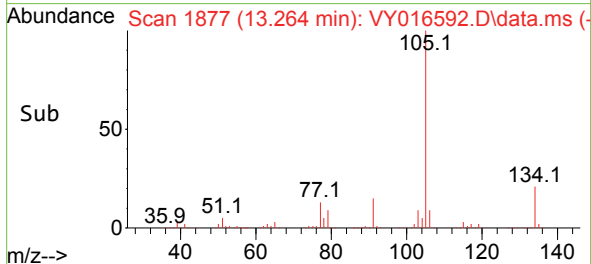
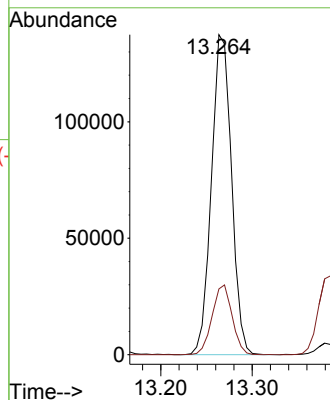
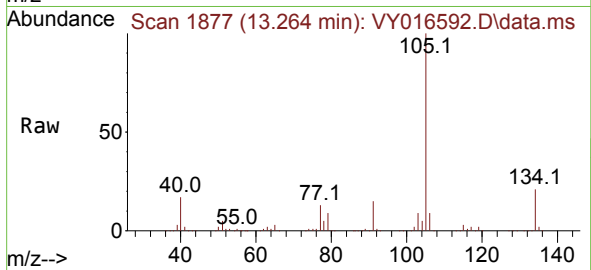




#85
 sec-Butylbenzene
 Concen: 20.529 ug/l
 RT: 13.264 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

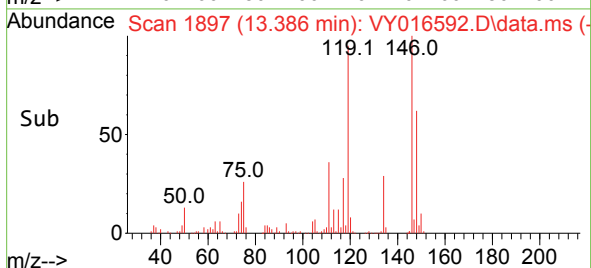
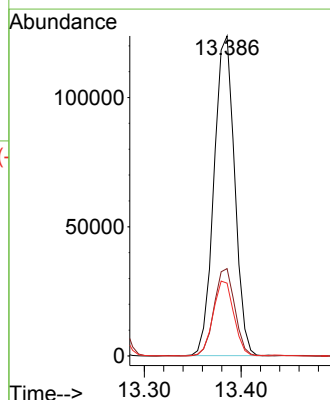
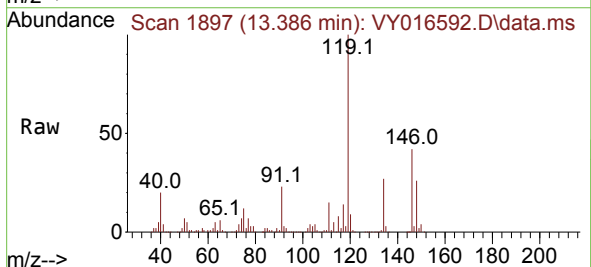
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

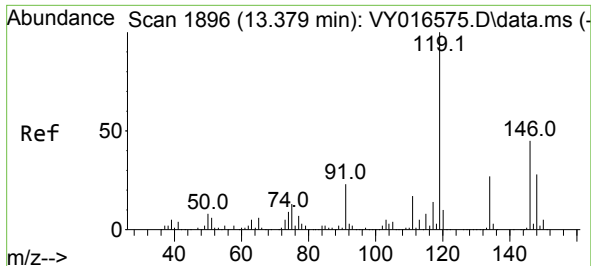
Tgt Ion:105 Resp: 209310
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.692 ug/l
 RT: 13.386 min Scan# 1897
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

Tgt Ion:119 Resp: 183131
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 23.5 12.4 37.4

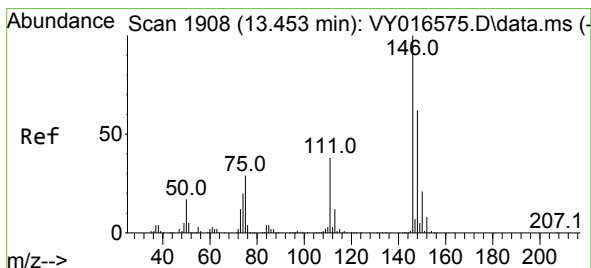
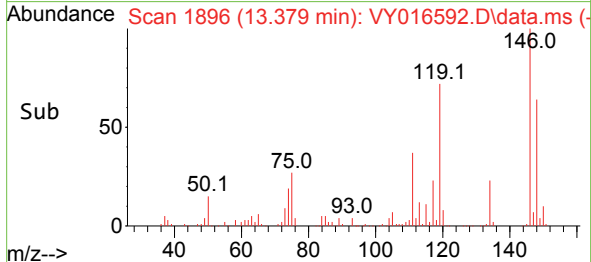
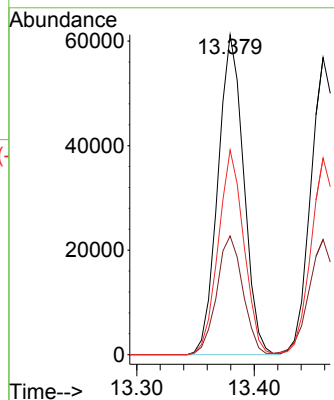
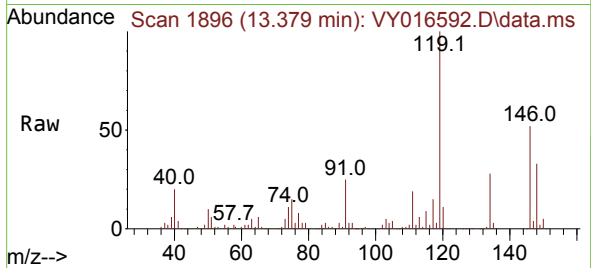




#87
 1,3-Dichlorobenzene
 Concen: 20.757 ug/l
 RT: 13.379 min Scan# 1191
 Delta R.T. -0.000 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

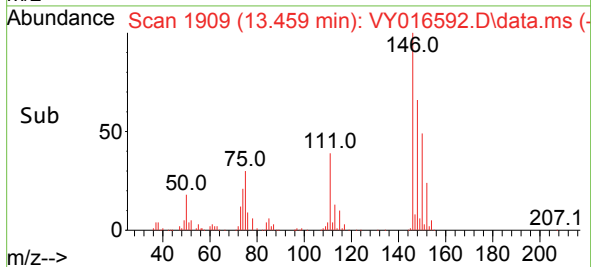
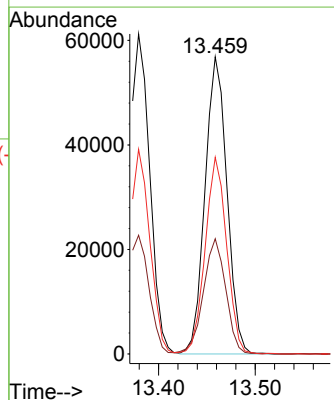
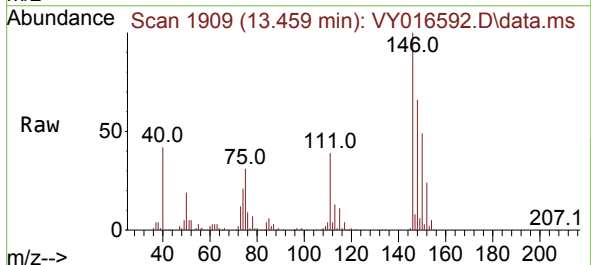
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS02

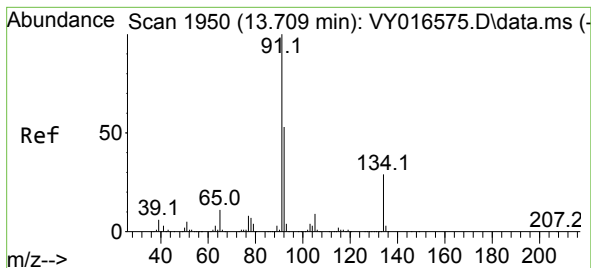
Tgt Ion:146 Resp: 93375
 Ion Ratio Lower Upper
 146 100
 111 37.6 19.4 58.2
 148 63.5 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.351 ug/l
 RT: 13.459 min Scan# 1909
 Delta R.T. 0.006 min
 Lab File: VY016592.D
 Acq: 05 Dec 2023 12:30

Tgt Ion:146 Resp: 89850
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.9 56.7
 148 65.1 32.1 96.5





#89

n-Butylbenzene

Concen: 20.128 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

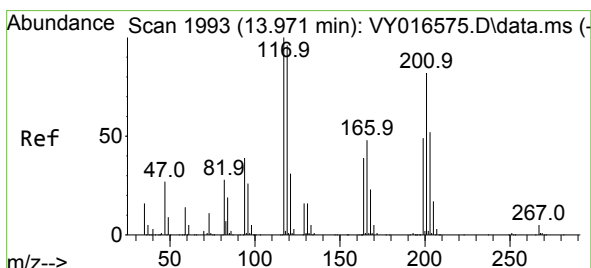
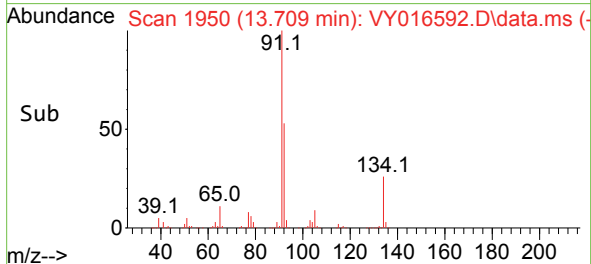
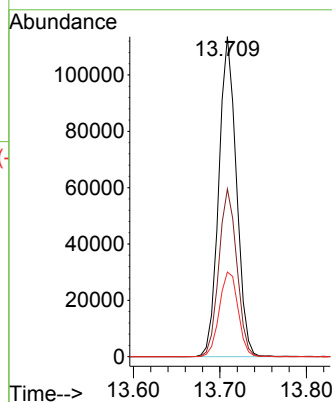
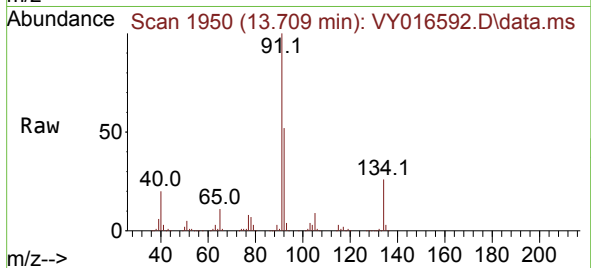
Tgt Ion: 91 Resp: 160206

Ion Ratio Lower Upper

91 100

92 53.5 25.4 76.0

134 28.3 12.6 37.6



#90

Hexachloroethane

Concen: 19.750 ug/l

RT: 13.977 min Scan# 1994

Delta R.T. 0.006 min

Lab File: VY016592.D

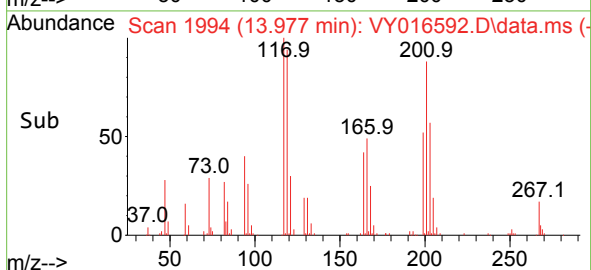
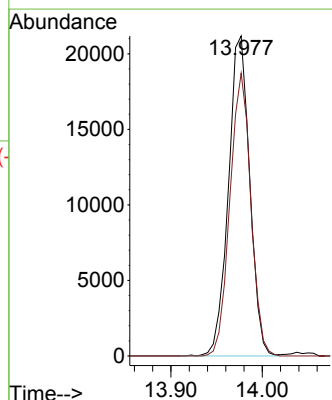
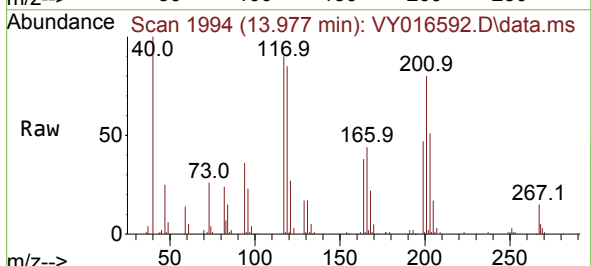
Acq: 05 Dec 2023 12:30

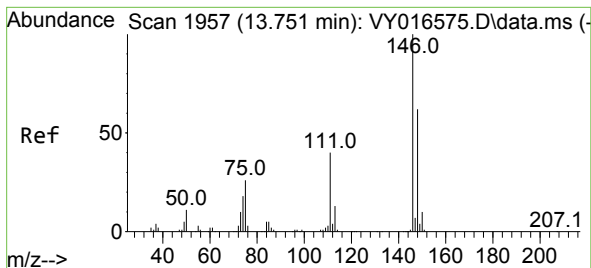
Tgt Ion: 117 Resp: 34394

Ion Ratio Lower Upper

117 100

201 86.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.847 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

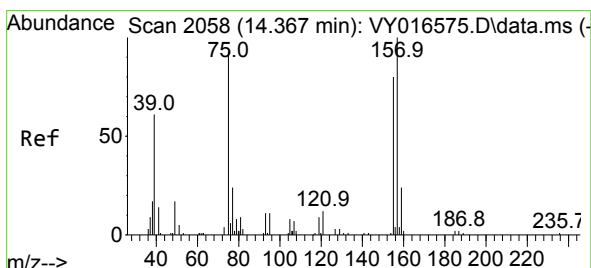
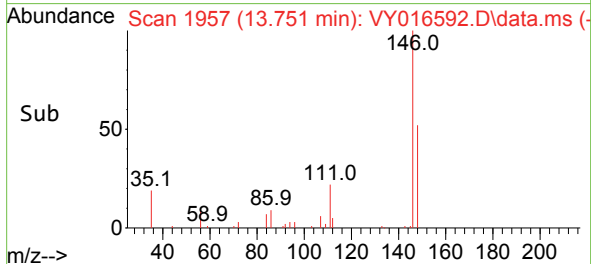
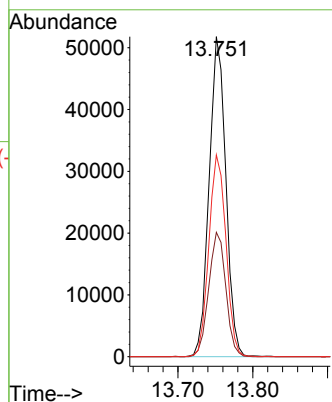
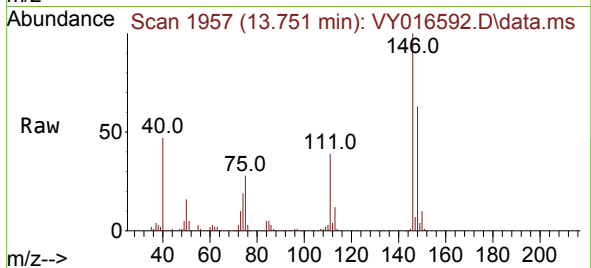
Tgt Ion:146 Resp: 80516

Ion Ratio Lower Upper

146 100

111 39.7 19.7 59.0

148 64.6 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.726 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

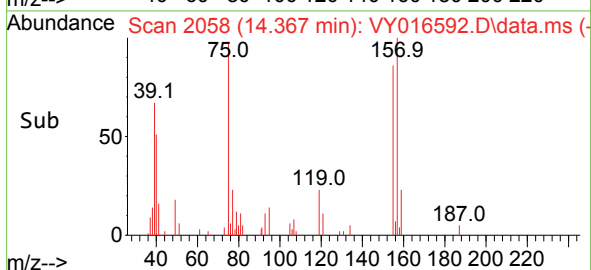
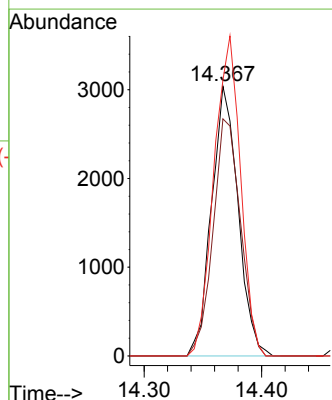
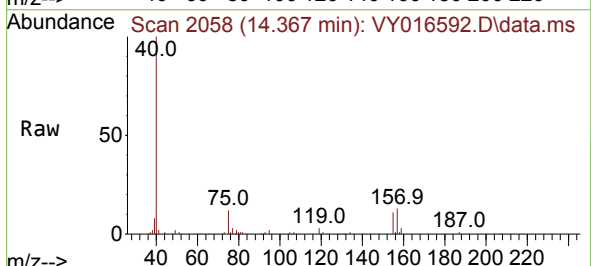
Tgt Ion: 75 Resp: 4766

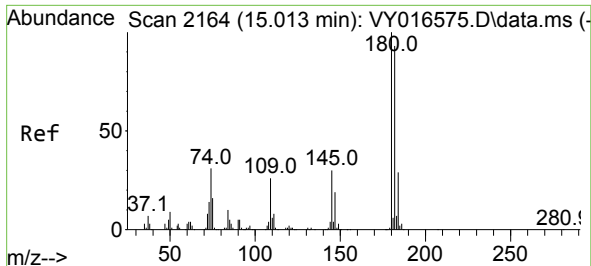
Ion Ratio Lower Upper

75 100

155 91.0 41.5 124.6

157 119.1 51.8 155.5

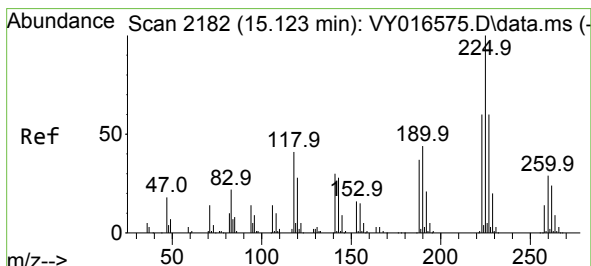
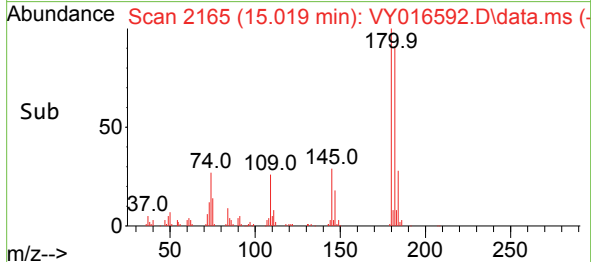
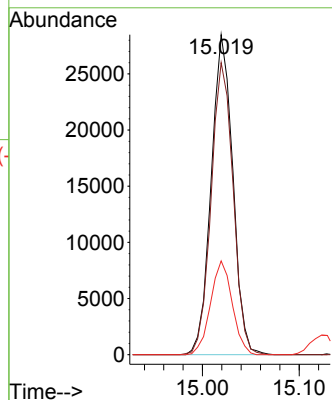
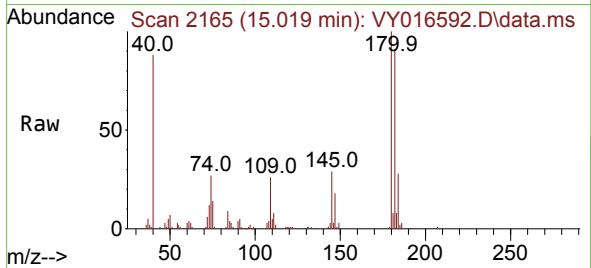




#93
1,2,4-Trichlorobenzene
Concen: 20.289 ug/l
RT: 15.019 min Scan# 2165
Delta R.T. 0.006 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

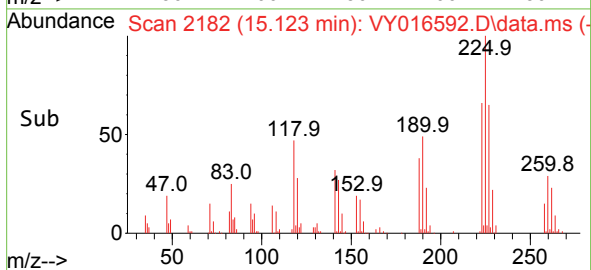
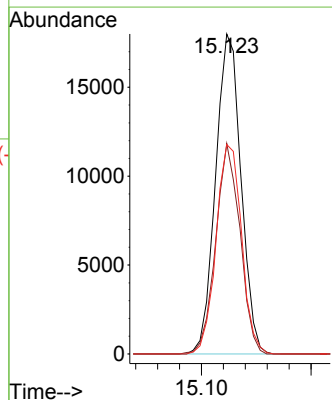
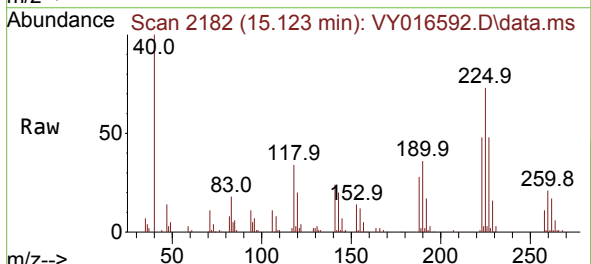
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS02

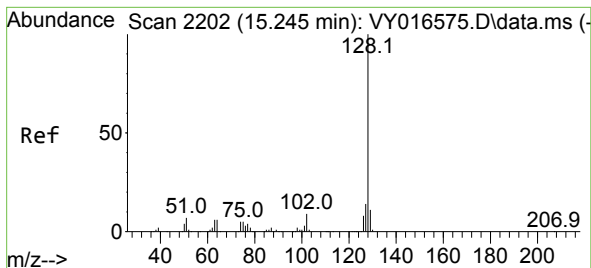
Tgt Ion:180 Resp: 44219
Ion Ratio Lower Upper
180 100
182 92.6 47.0 141.2
145 29.5 14.5 43.5



#94
Hexachlorobutadiene
Concen: 21.036 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. -0.000 min
Lab File: VY016592.D
Acq: 05 Dec 2023 12:30

Tgt Ion:225 Resp: 28966
Ion Ratio Lower Upper
225 100
223 62.7 31.9 95.9
227 65.6 33.0 98.9





#95

Naphthalene

Concen: 21.496 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS02

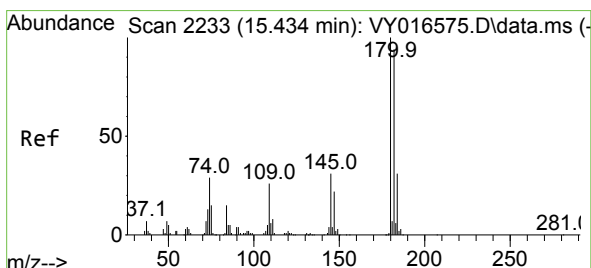
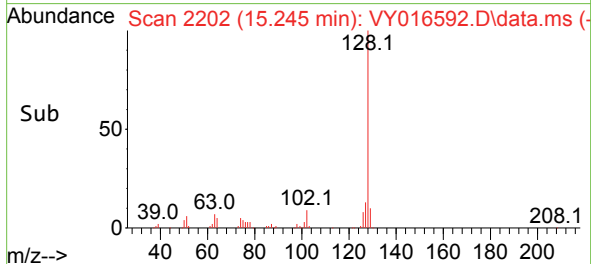
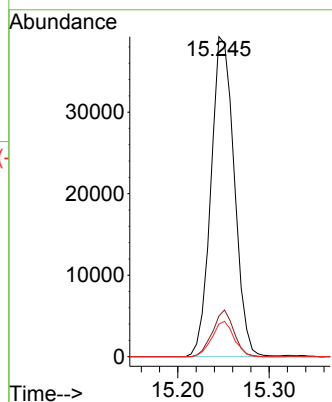
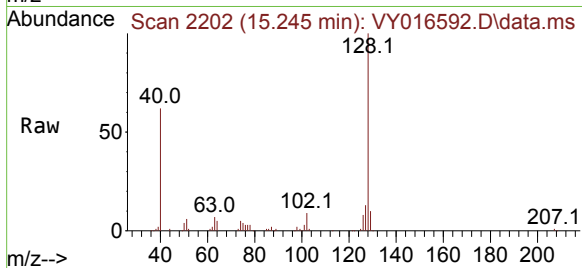
Tgt Ion:128 Resp: 69546

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 10.5 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.969 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016592.D

Acq: 05 Dec 2023 12:30

Tgt Ion:180 Resp: 35149

Ion Ratio Lower Upper

180 100

182 93.6 47.3 141.8

145 31.1 15.4 46.2

