

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016591.D
 Acq On : 05 Dec 2023 12:08
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Quant Time: Dec 06 02:21:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 05 01:24:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.813	168	190288	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	286823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	248157	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	120364	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	101147	57.510	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.740	113	99657	57.735	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.480%	
50) Toluene-d8	10.197	98	382315	58.556	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 117.120%	
62) 4-Bromofluorobenzene	12.495	95	126414	58.876	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 117.760%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	40910	24.339	ug/l	100
3) Chloromethane	2.125	50	34585	19.834	ug/l	99
4) Vinyl Chloride	2.265	62	35610	20.222	ug/l	99
5) Bromomethane	2.662	94	23342	21.162	ug/l	97
6) Chloroethane	2.808	64	22417	20.609	ug/l	100
7) Trichlorofluoromethane	3.143	101	78112	23.465	ug/l	95
8) Diethyl Ether	3.546	74	20130	21.712	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.924	101	42454	22.805	ug/l	98
10) Methyl Iodide	4.113	142	46361	23.571	ug/l	99
11) Tert butyl alcohol	4.978	59	12404	103.511	ug/l #	84
12) 1,1-Dichloroethene	3.899	96	38312	22.655	ug/l	84
13) Acrolein	3.747	56	17111	98.218	ug/l	98
14) Allyl chloride	4.503	41	53508	20.733	ug/l #	90
15) Acrylonitrile	5.192	53	39781	106.309	ug/l	98
16) Acetone	3.966	43	47975	120.543	ug/l	98
17) Carbon Disulfide	4.216	76	101678	21.446	ug/l	99
18) Methyl Acetate	4.497	43	30809	19.529	ug/l #	88
19) Methyl tert-butyl Ether	5.247	73	95523	22.979	ug/l	96
20) Methylene Chloride	4.741	84	42320	22.250	ug/l #	86
21) trans-1,2-Dichloroethene	5.247	96	42938	22.579	ug/l	92
22) Diisopropyl ether	6.143	45	116365	21.924	ug/l	92
23) Vinyl Acetate	6.088	43	278811	109.422	ug/l	96
24) 1,1-Dichloroethane	6.039	63	71695	21.987	ug/l	96
25) 2-Butanone	7.009	43	61711	112.762	ug/l #	88
26) 2,2-Dichloropropane	7.009	77	69976	22.827	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	47428	22.657	ug/l	94
28) Bromochloromethane	7.356	49	26547	20.099	ug/l #	81
29) Tetrahydrofuran	7.374	42	31628	101.366	ug/l	90
30) Chloroform	7.527	83	79169	22.776	ug/l	94
31) Cyclohexane	7.807	56	63615	21.188	ug/l	89
32) 1,1,1-Trichloroethane	7.728	97	77997	23.710	ug/l	98
36) 1,1-Dichloropropene	7.941	75	60444	23.036	ug/l	98
37) Ethyl Acetate	7.100	43	23309	21.230	ug/l #	96
38) Carbon Tetrachloride	7.923	117	71911	23.674	ug/l	98
39) Methylcyclohexane	9.203	83	70490	22.298	ug/l	93
40) Benzene	8.179	78	167745	22.681	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
 Data File : VY016591.D
 Acq On : 05 Dec 2023 12:08
 Operator : SY/MD
 Sample : VY1205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Quant Time: Dec 06 02:21:45 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)
41) Methacrylonitrile	7.338	41	12743	20.096	ug/l	97
42) 1,2-Dichloroethane	8.258	62	48845	22.745	ug/l	94
43) Isopropyl Acetate	8.289	43	45286	21.381	ug/l #	91
44) Trichloroethene	8.959	130	50994	22.864	ug/l	95
45) 1,2-Dichloropropane	9.234	63	38614	21.687	ug/l	94
46) Dibromomethane	9.325	93	21794	22.327	ug/l	95
47) Bromodichloromethane	9.514	83	59508	22.899	ug/l	98
48) Methyl methacrylate	9.313	41	25059	20.486	ug/l	90
49) 1,4-Dioxane	9.319	88	4260	431.175	ug/l #	59
51) 4-Methyl-2-Pentanone	10.087	43	117096	106.382	ug/l	95
52) Toluene	10.264	92	108353	23.376	ug/l	94
53) t-1,3-Dichloropropene	10.484	75	56029	22.846	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	65566	22.763	ug/l	94
55) 1,1,2-Trichloroethane	10.660	97	30357	22.326	ug/l	97
56) Ethyl methacrylate	10.526	69	27416	21.997	ug/l	91
57) 1,3-Dichloropropane	10.807	76	51449	22.399	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.801	63	79333	103.288	ug/l #	88
59) 2-Hexanone	10.849	43	95036	114.134	ug/l	92
60) Dibromochloromethane	11.002	129	41932	23.081	ug/l	98
61) 1,2-Dibromoethane	11.105	107	29083	22.741	ug/l	100
64) Tetrachloroethene	10.733	164	53342	23.454	ug/l	96
65) Chlorobenzene	11.532	112	117430	23.363	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	46811	23.829	ug/l	99
67) Ethyl Benzene	11.605	91	207441	23.013	ug/l	98
68) m/p-Xylenes	11.715	106	161157	47.094	ug/l	94
69) o-Xylene	12.044	106	76079	23.815	ug/l	96
70) Styrene	12.056	104	108559	23.685	ug/l	99
71) Bromoform	12.221	173	25538	24.075	ug/l #	97
73) Isopropylbenzene	12.343	105	209710	23.530	ug/l	99
74) N-amyl acetate	12.154	43	37292	20.984	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	31170	21.988	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	42349	38.949	ug/l #	100
77) Bromobenzene	12.623	156	50127	23.864	ug/l	88
78) n-propylbenzene	12.684	91	241662	23.296	ug/l	97
79) 2-Chlorotoluene	12.770	91	135507	23.181	ug/l	96
80) 1,3,5-Trimethylbenzene	12.825	105	172894	23.874	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.392	75	9808	20.349	ug/l	98
82) 4-Chlorotoluene	12.867	91	137717	22.768	ug/l	96
83) tert-Butylbenzene	13.087	119	156803	24.233	ug/l	97
84) 1,2,4-Trimethylbenzene	13.135	105	167555	23.687	ug/l	98
85) sec-Butylbenzene	13.264	105	216504	23.824	ug/l	98
86) p-Isopropyltoluene	13.385	119	186991	23.703	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	94992	23.690	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	92439	23.490	ug/l	100
89) n-Butylbenzene	13.709	91	163411	23.034	ug/l	96
90) Hexachloroethane	13.971	117	35901	23.129	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	81889	23.787	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5135	22.636	ug/l	91
93) 1,2,4-Trichlorobenzene	15.019	180	44751	23.036	ug/l	99
94) Hexachlorobutadiene	15.123	225	30493	24.845	ug/l	97
95) Naphthalene	15.251	128	70742	24.442	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	36270	25.345	ug/l	98

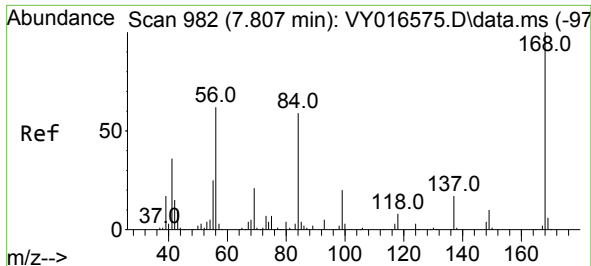
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120523\
Data File : VY016591.D
Acq On : 05 Dec 2023 12:08
Operator : SY/MD
Sample : VY1205SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

Quant Time: Dec 06 02:21:45 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)
----------	------	------	----------	------	-------	----------

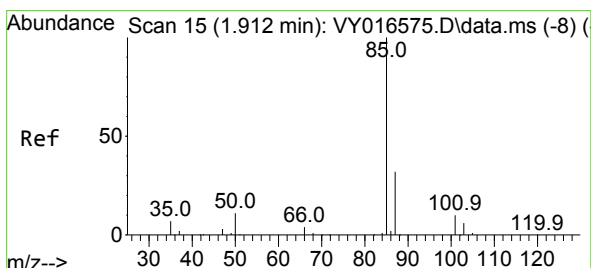
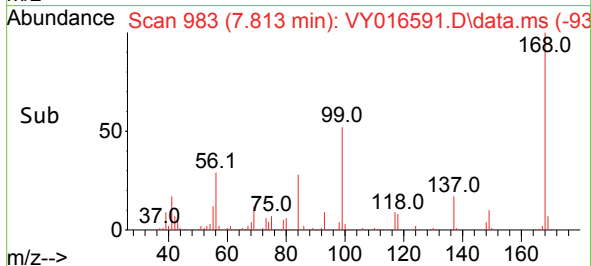
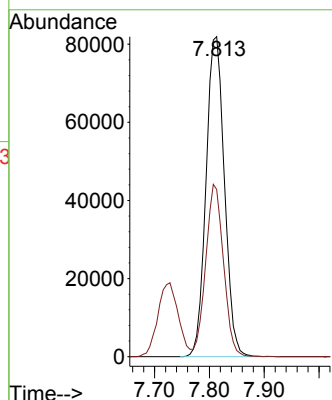
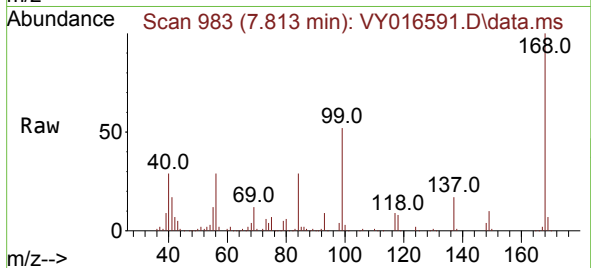
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

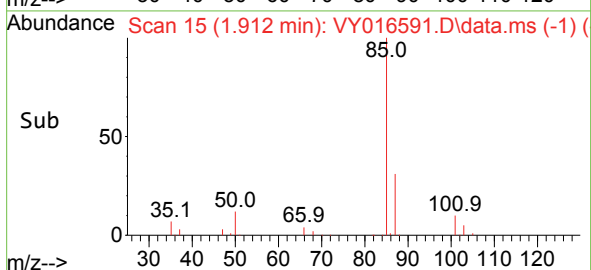
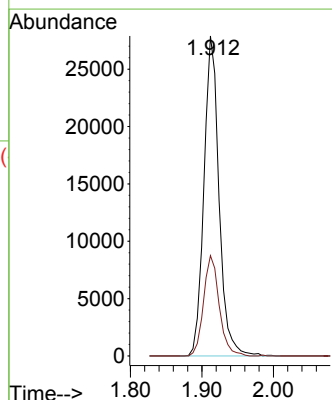
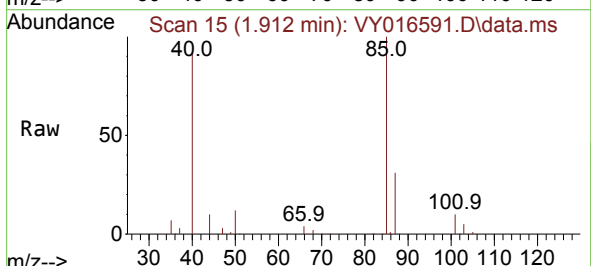
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

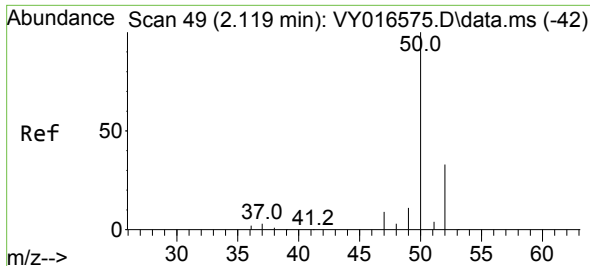
Tgt Ion:168 Resp: 190288
Ion Ratio Lower Upper
168 100
99 52.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 24.339 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 85 Resp: 40910
Ion Ratio Lower Upper
85 100
87 31.3 15.6 46.8

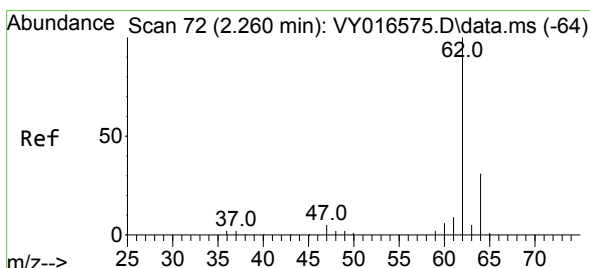
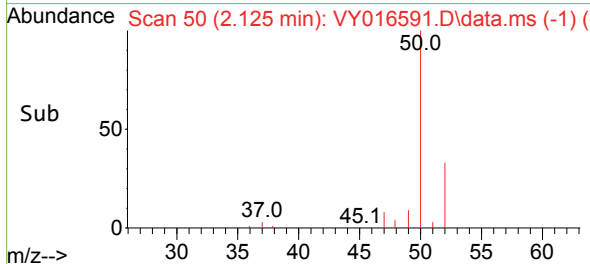
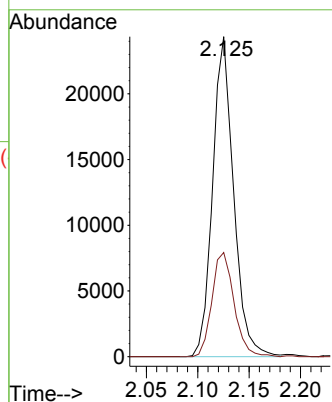
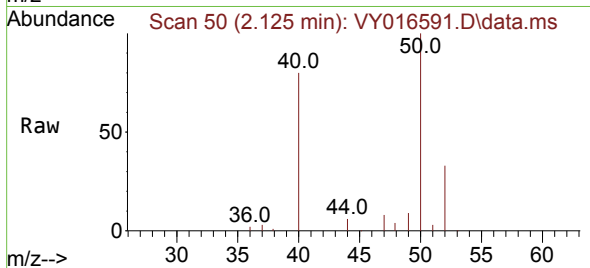




#3
Chloromethane
Concen: 19.834 ug/l
RT: 2.125 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

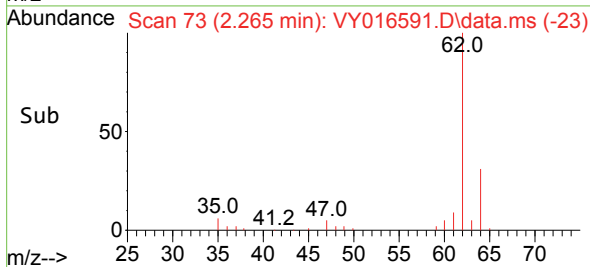
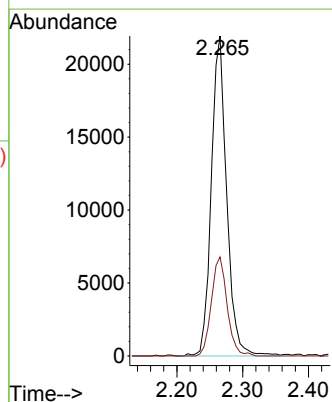
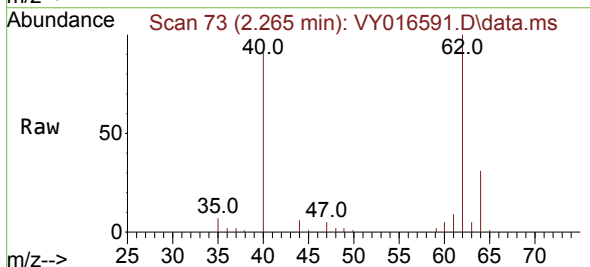
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

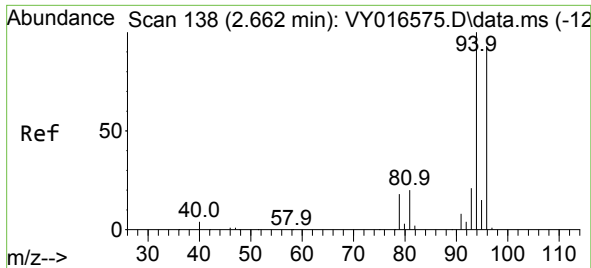
Tgt Ion: 50 Resp: 34585
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2



#4
Vinyl Chloride
Concen: 20.222 ug/l
RT: 2.265 min Scan# 73
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 62 Resp: 35610
Ion Ratio Lower Upper
62 100
64 30.9 24.3 36.5

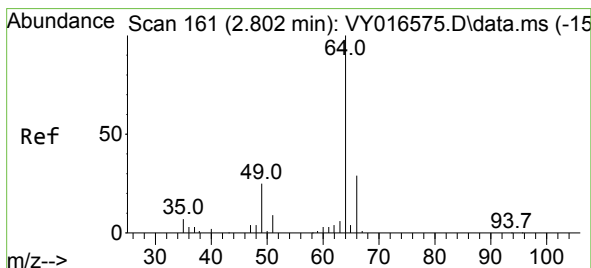
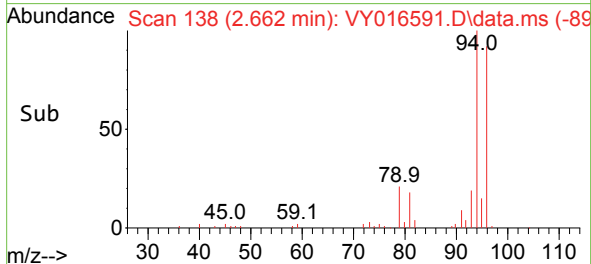
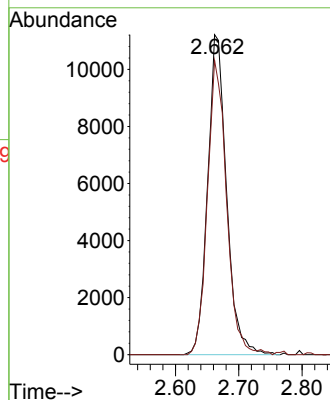
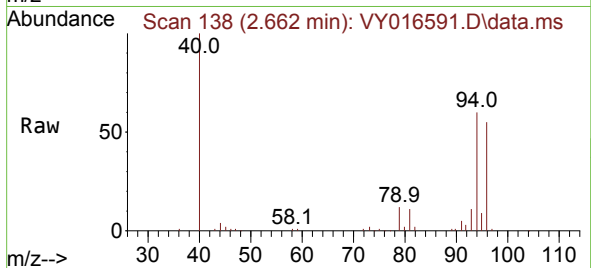




#5
Bromomethane
Concen: 21.162 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

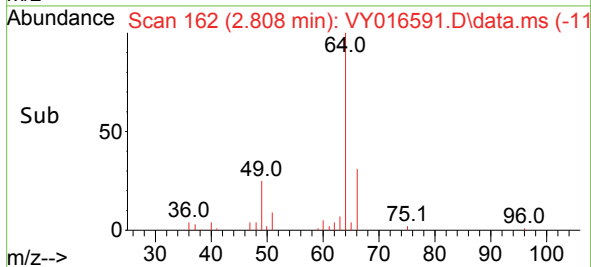
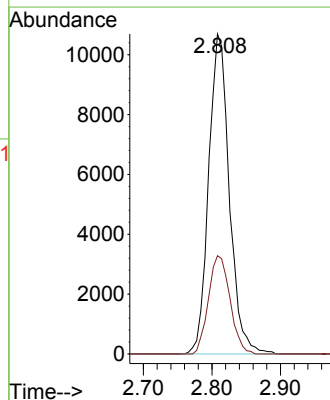
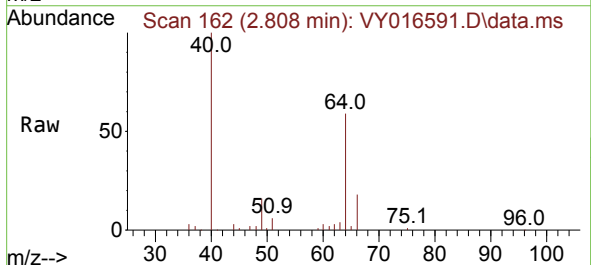
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

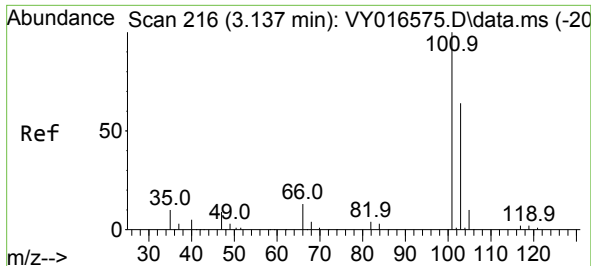
Tgt Ion: 94 Resp: 23342
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 20.609 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 64 Resp: 22417
Ion Ratio Lower Upper
64 100
66 30.7 24.4 36.6

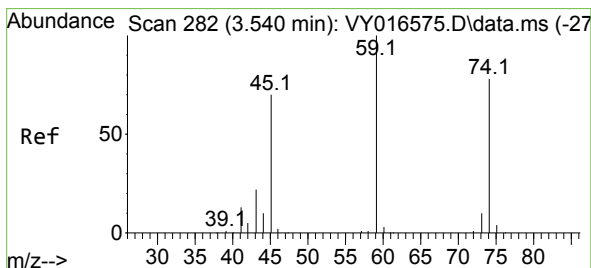
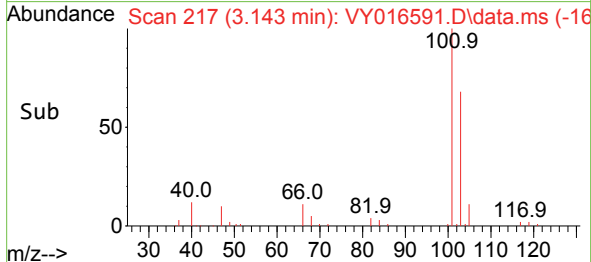
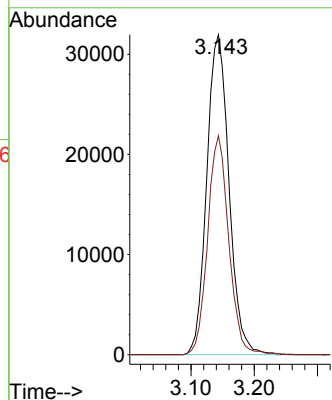
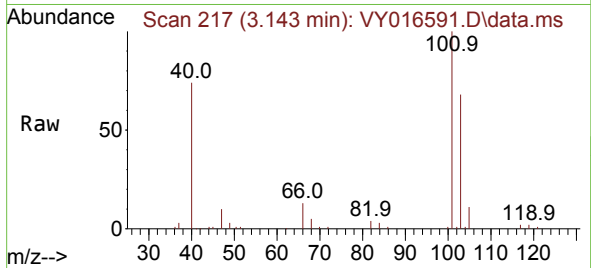




#7
 Trichlorofluoromethane
 Concen: 23.465 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016591.D
 Acq: 05 Dec 2023 12:08

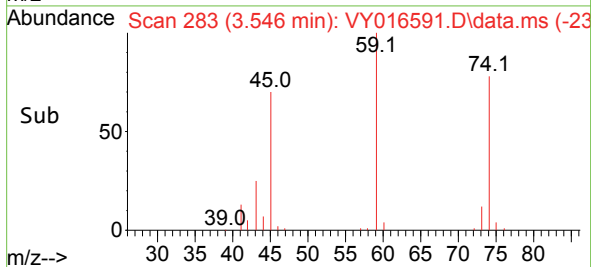
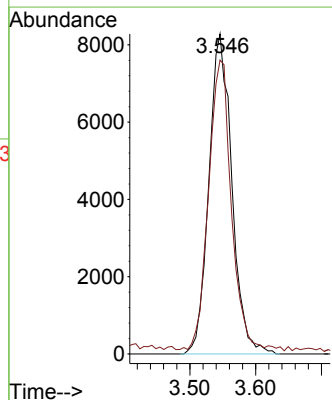
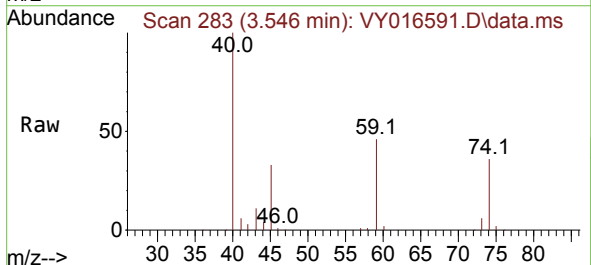
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

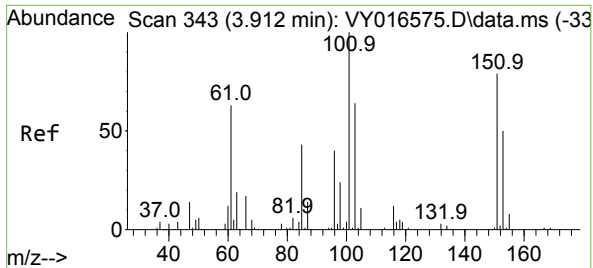
Tgt Ion:101 Resp: 78112
 Ion Ratio Lower Upper
 101 100
 103 68.5 51.4 77.0



#8
 Diethyl Ether
 Concen: 21.712 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016591.D
 Acq: 05 Dec 2023 12:08

Tgt Ion: 74 Resp: 20130
 Ion Ratio Lower Upper
 74 100
 45 90.7 51.5 154.5

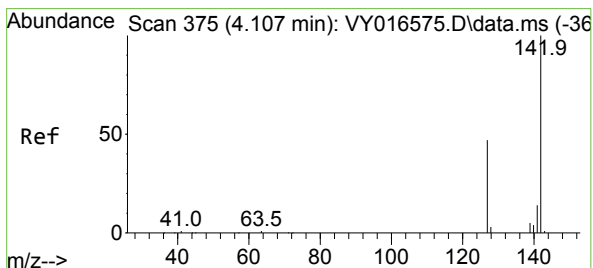
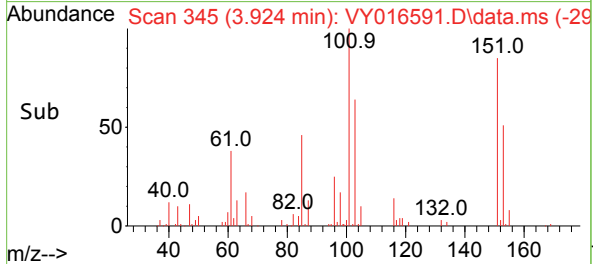
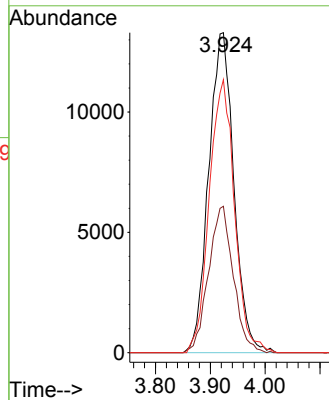
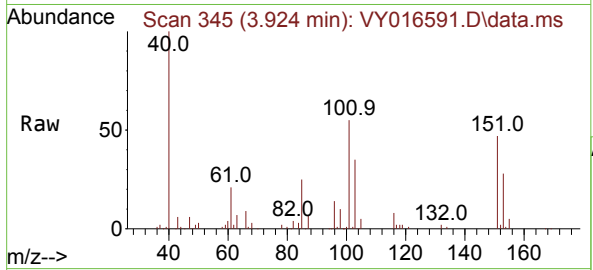




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.805 ug/l
RT: 3.924 min Scan# 343
Delta R.T. 0.012 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

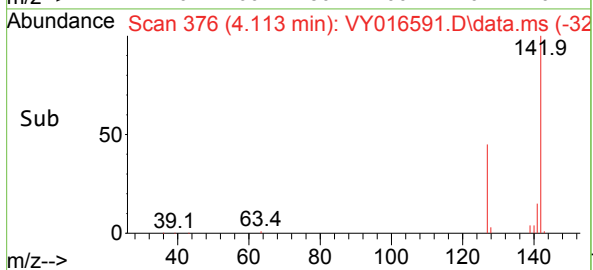
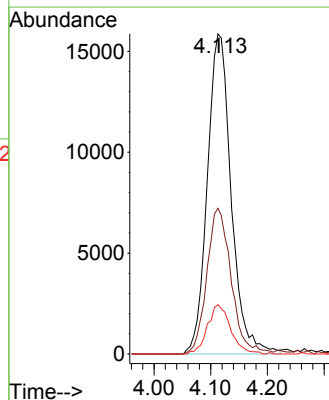
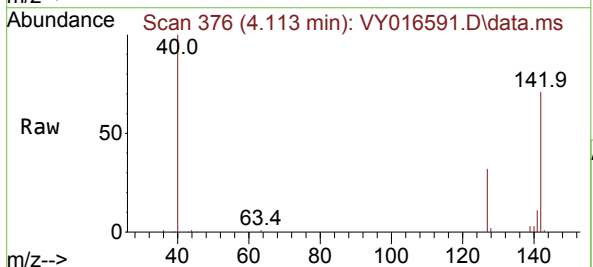
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

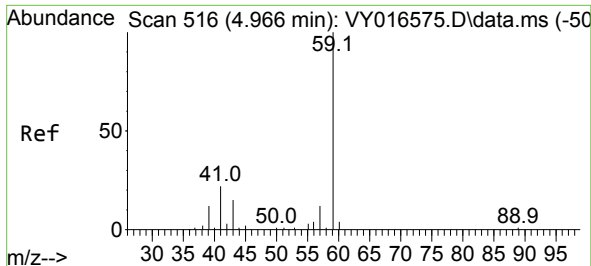
Tgt Ion:101 Resp: 42454
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 85.4 67.0 100.6



#10
Methyl Iodide
Concen: 23.571 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:142 Resp: 46361
Ion Ratio Lower Upper
142 100
127 46.4 37.6 56.4
141 14.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 103.511 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

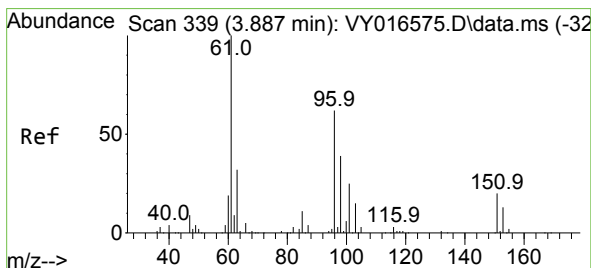
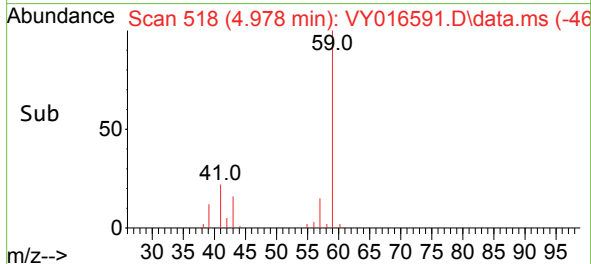
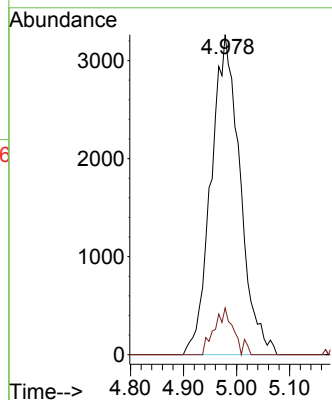
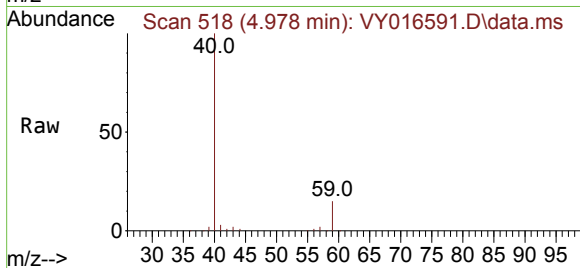
VY1205SBS01

Tgt Ion: 59 Resp: 12404

Ion Ratio Lower Upper

59 100

57 9.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 22.655 ug/l

RT: 3.899 min Scan# 341

Delta R.T. 0.012 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

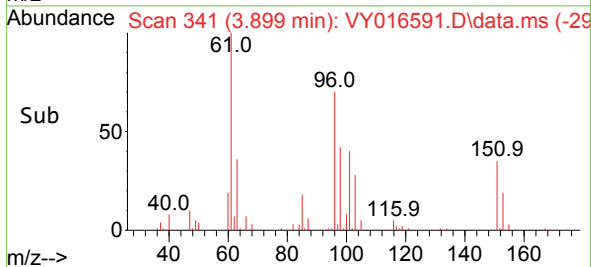
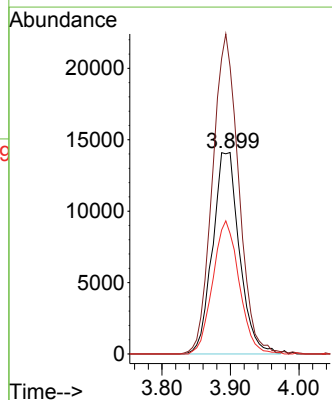
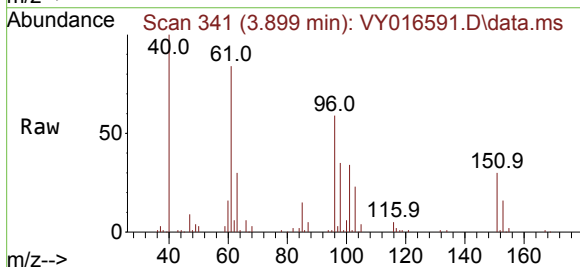
Tgt Ion: 96 Resp: 38312

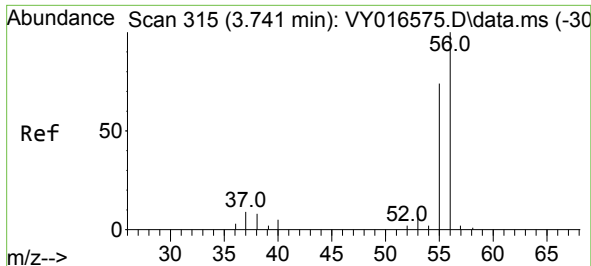
Ion Ratio Lower Upper

96 100

61 142.5 136.4 204.6

98 59.7 49.4 74.2





#13

Acrolein

Concen: 98.218 ug/l

RT: 3.747 min Scan# 315

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

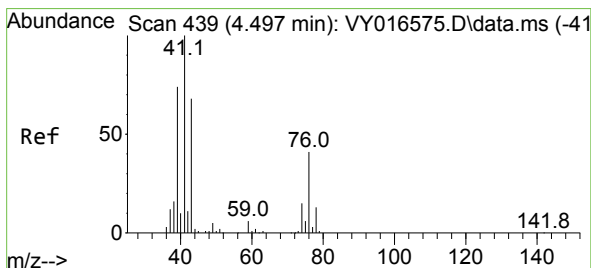
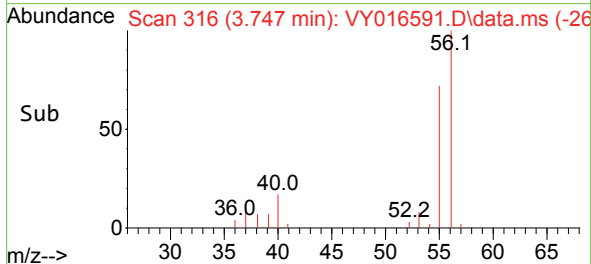
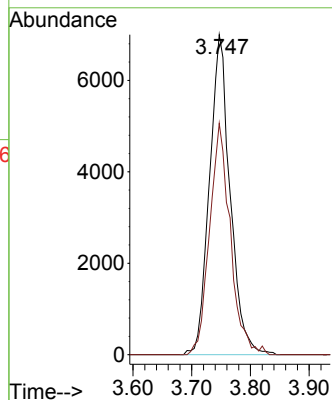
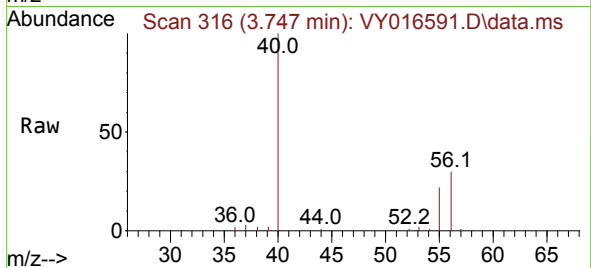
VY1205SBS01

Tgt Ion: 56 Resp: 17111

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



#14

Allyl chloride

Concen: 20.733 ug/l

RT: 4.503 min Scan# 440

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

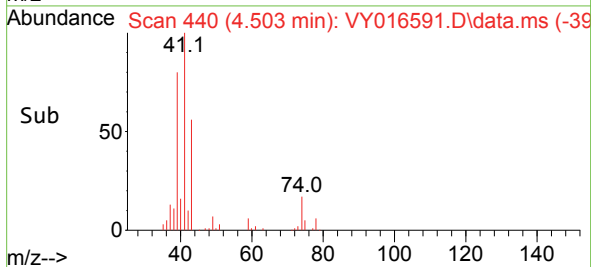
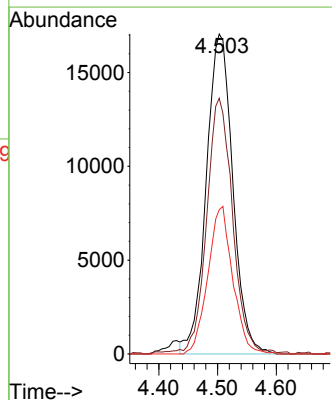
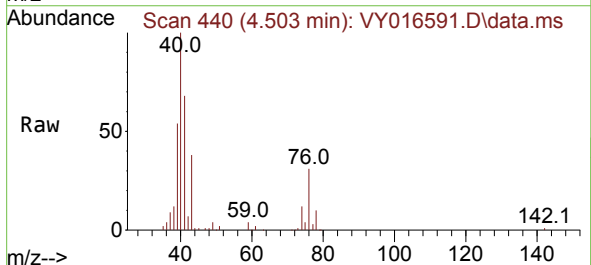
Tgt Ion: 41 Resp: 53508

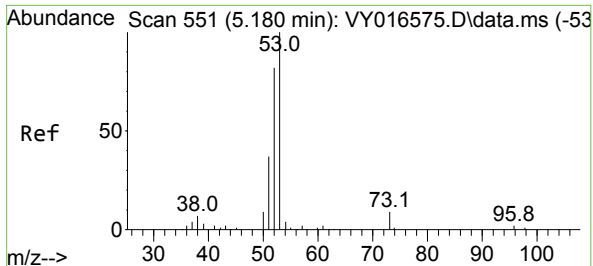
Ion Ratio Lower Upper

41 100

39 78.9 58.0 87.0

76 43.2 27.4 41.2#

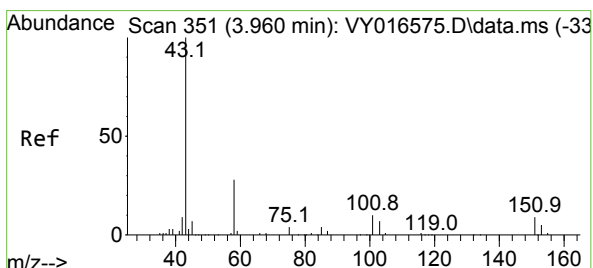
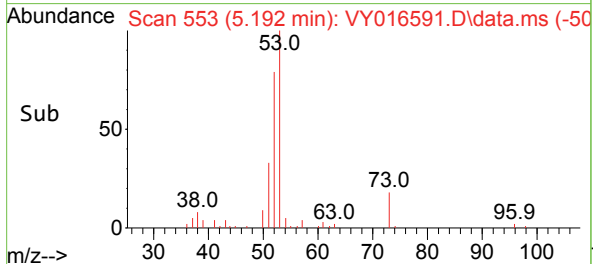
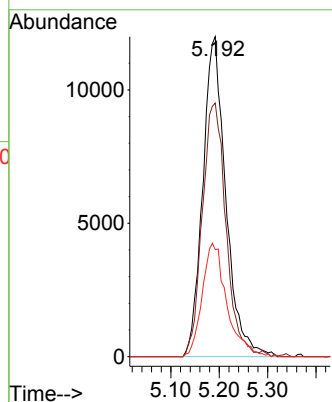
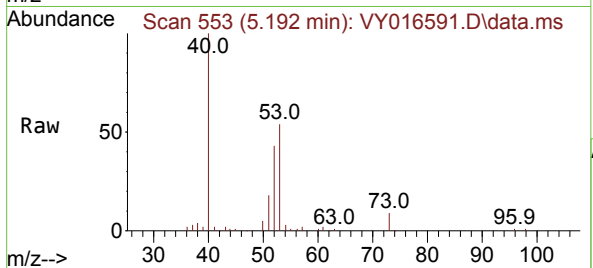




#15
Acrylonitrile
Concen: 106.309 ug/l
RT: 5.192 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

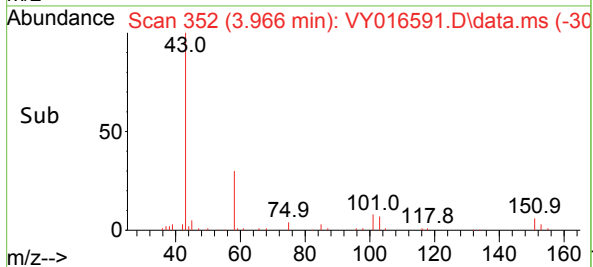
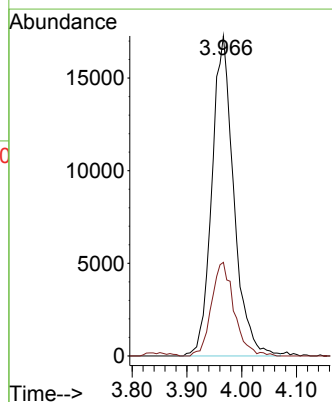
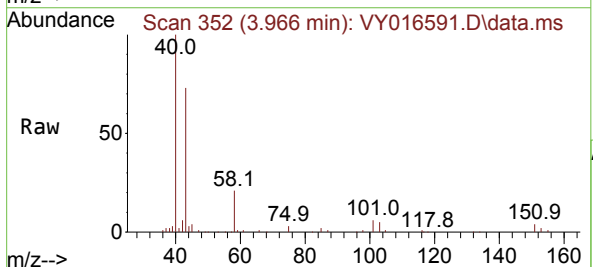
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

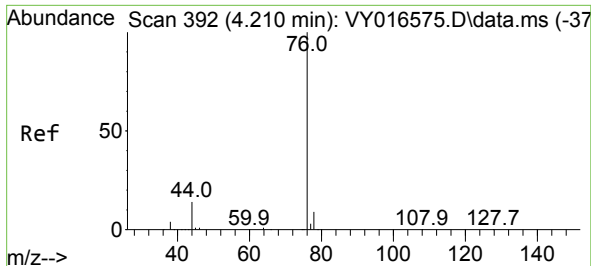
Tgt Ion: 53 Resp: 39781
Ion Ratio Lower Upper
53 100
52 81.0 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 120.543 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 43 Resp: 47975
Ion Ratio Lower Upper
43 100
58 29.2 22.7 34.1

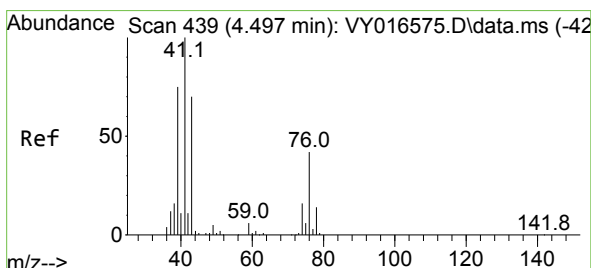
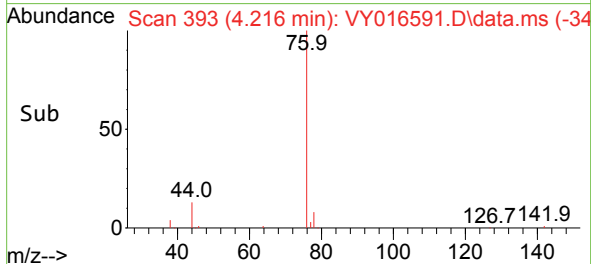
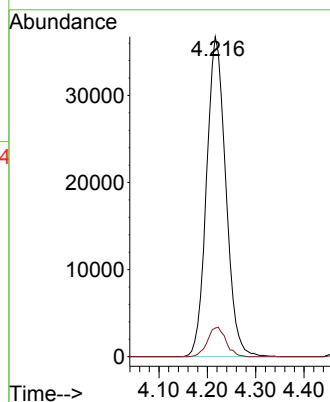
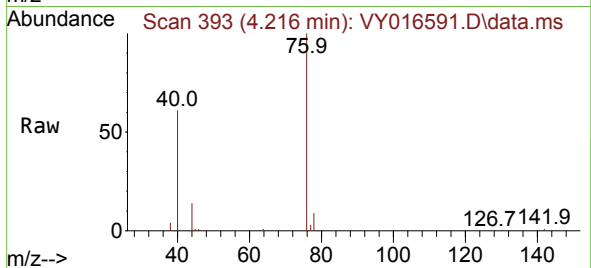




#17
Carbon Disulfide
Concen: 21.446 ug/l
RT: 4.216 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

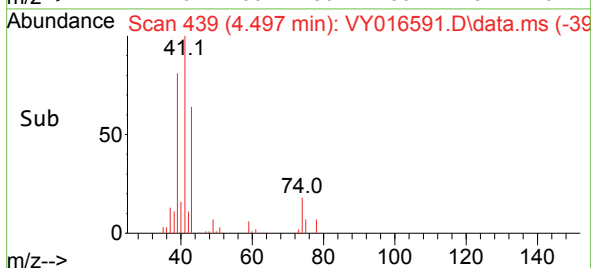
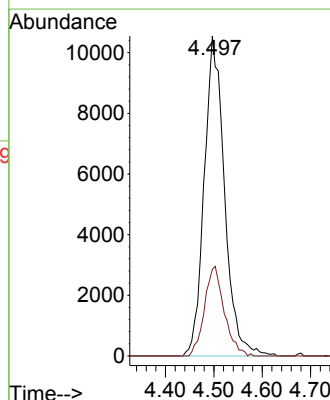
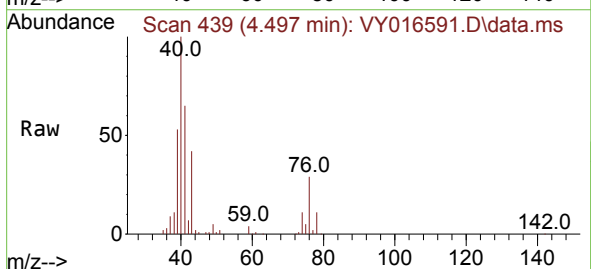
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

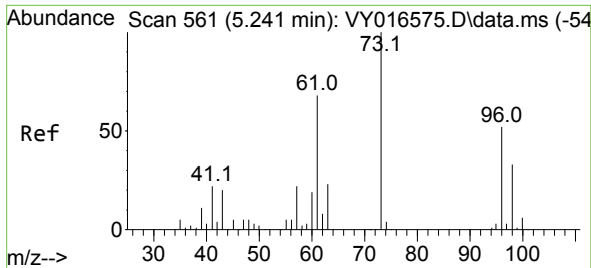
Tgt Ion: 76 Resp: 101678
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4



#18
Methyl Acetate
Concen: 19.529 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 43 Resp: 30809
Ion Ratio Lower Upper
43 100
74 27.2 17.4 26.0#

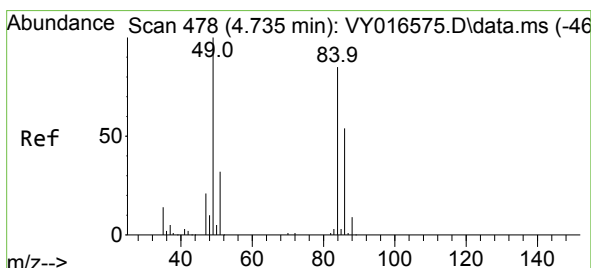
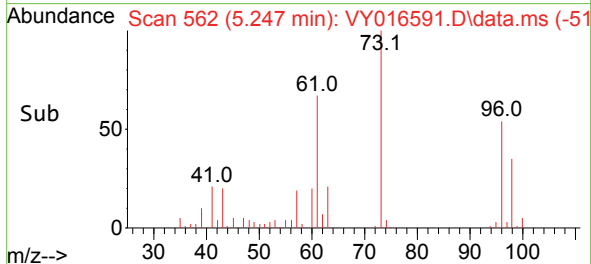
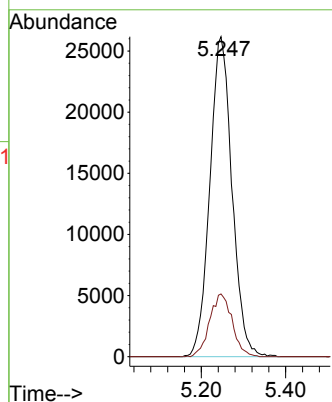
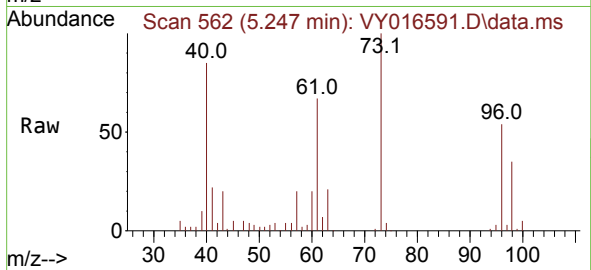




#19
Methyl tert-butyl Ether
Concen: 22.979 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

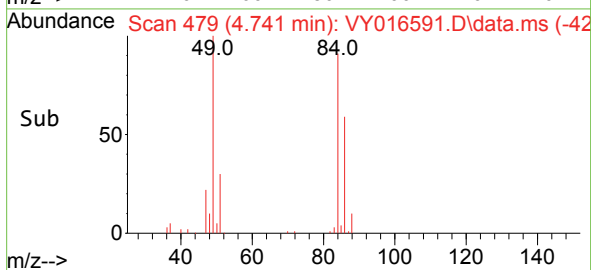
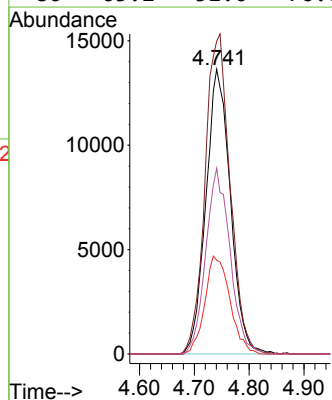
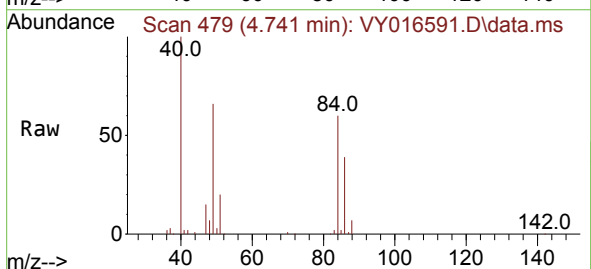
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

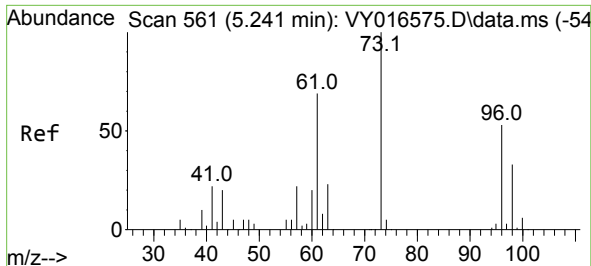
Tgt Ion: 73 Resp: 95523
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9



#20
Methylene Chloride
Concen: 22.250 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 84 Resp: 42320
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 33.0 33.2 49.8#
86 65.2 51.0 76.6

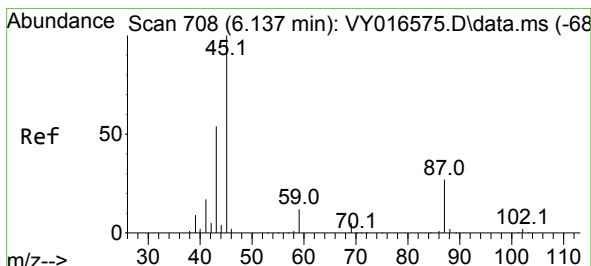
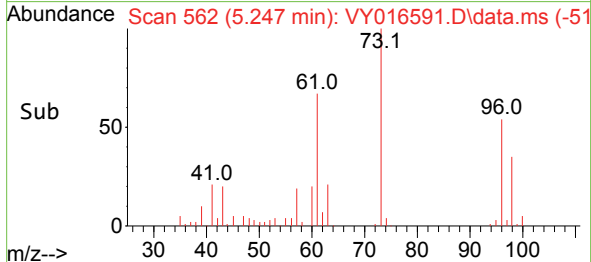
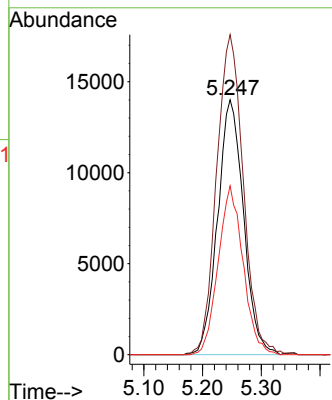
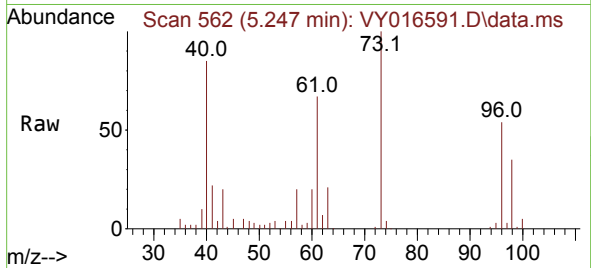




#21
trans-1,2-Dichloroethene
Concen: 22.579 ug/l
RT: 5.247 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

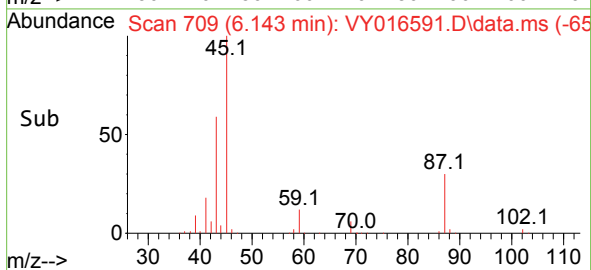
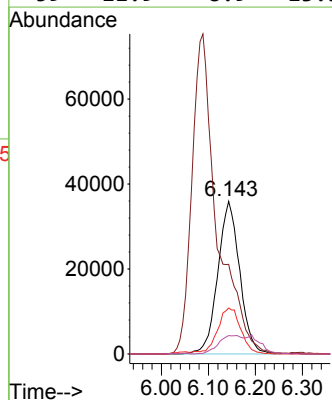
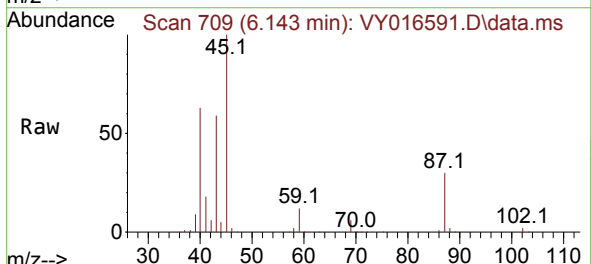
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

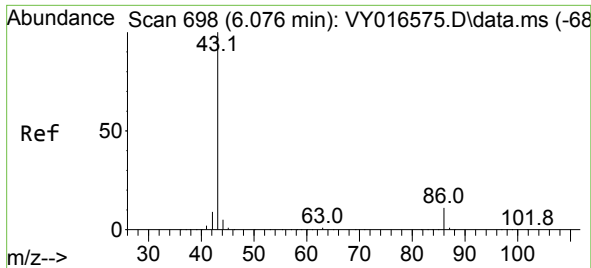
Tgt Ion: 96 Resp: 42938
Ion Ratio Lower Upper
96 100
61 125.5 110.2 165.4
98 66.2 51.8 77.6



#22
Diisopropyl ether
Concen: 21.924 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 45 Resp: 116365
Ion Ratio Lower Upper
45 100
43 57.9 52.2 78.4
87 30.1 21.0 31.6
59 11.9 8.9 13.3

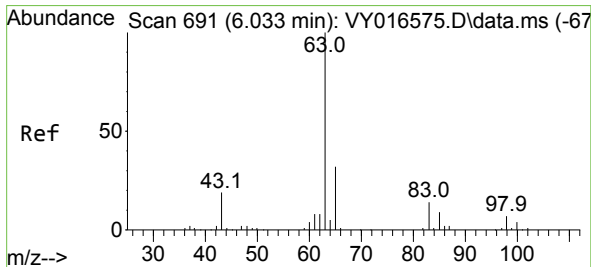
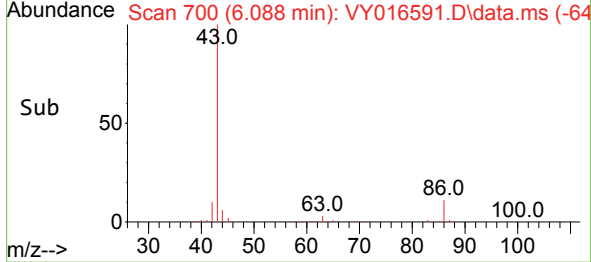
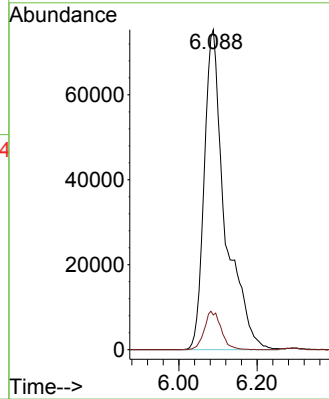
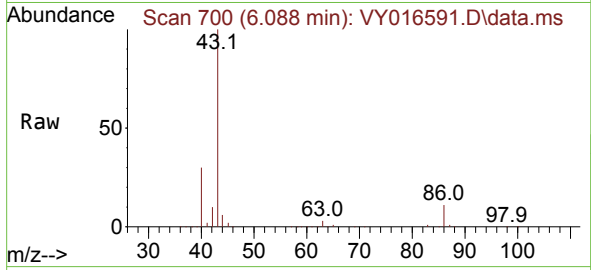




#23
 Vinyl Acetate
 Concen: 109.422 ug/l
 RT: 6.088 min Scan# 700
 Delta R.T. 0.012 min
 Lab File: VY016591.D
 Acq: 05 Dec 2023 12:08

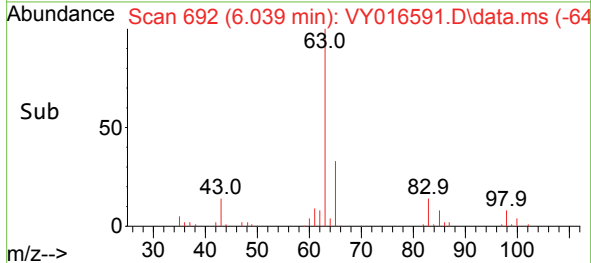
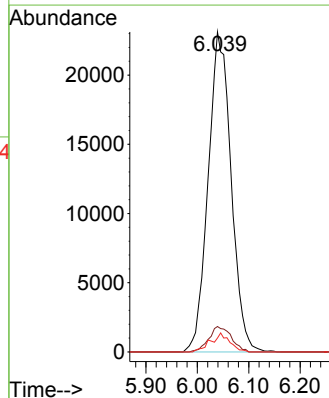
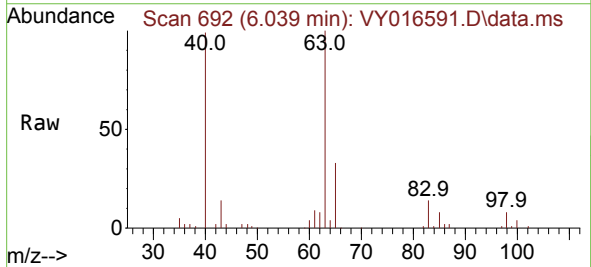
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

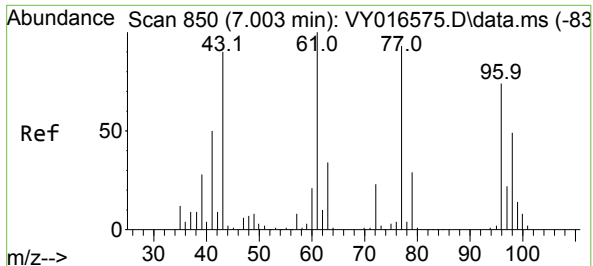
Tgt Ion: 43 Resp: 278811
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.987 ug/l
 RT: 6.039 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VY016591.D
 Acq: 05 Dec 2023 12:08

Tgt Ion: 63 Resp: 71695
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 112.762 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

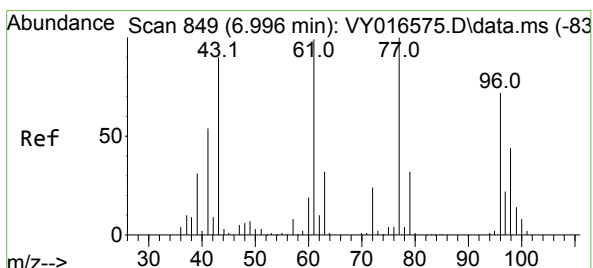
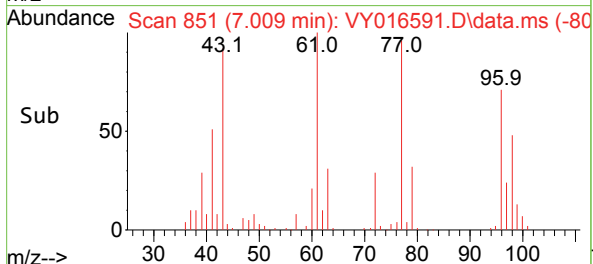
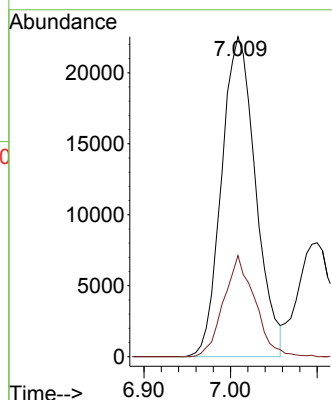
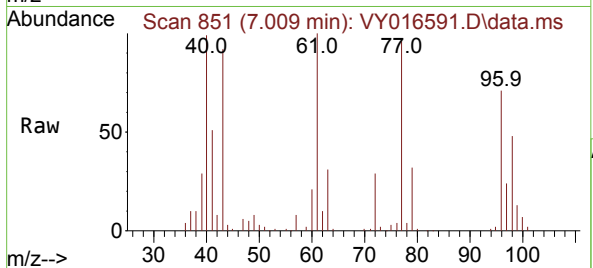
VY1205SBS01

Tgt Ion: 43 Resp: 61711

Ion Ratio Lower Upper

43 100

72 31.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 22.827 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.012 min

Lab File: VY016591.D

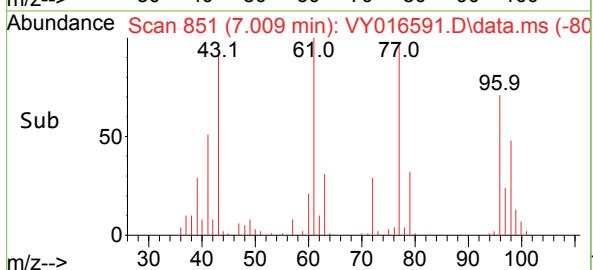
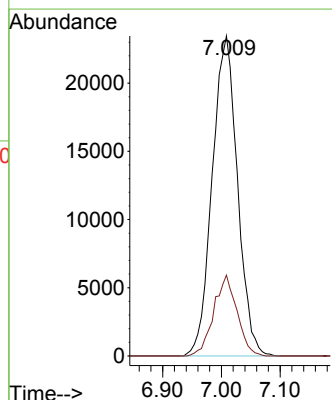
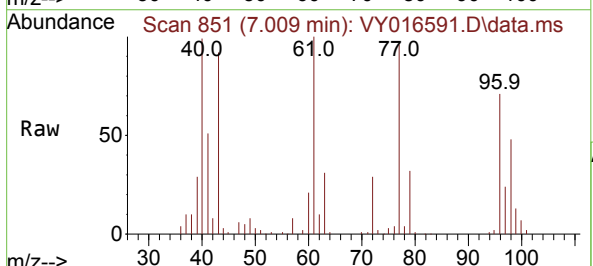
Acq: 05 Dec 2023 12:08

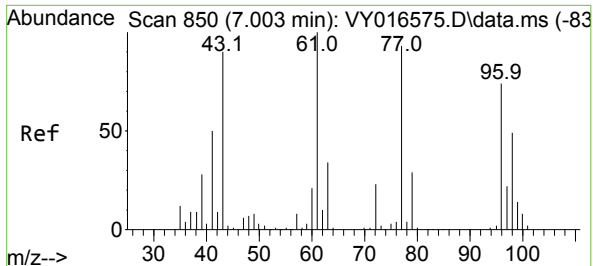
Tgt Ion: 77 Resp: 69976

Ion Ratio Lower Upper

77 100

97 23.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 22.657 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

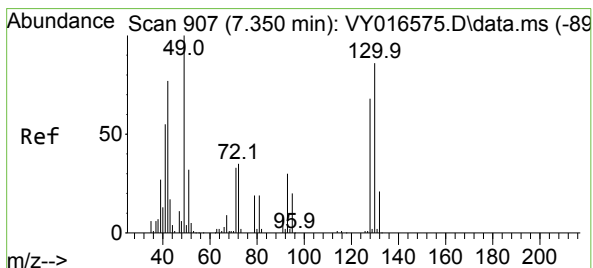
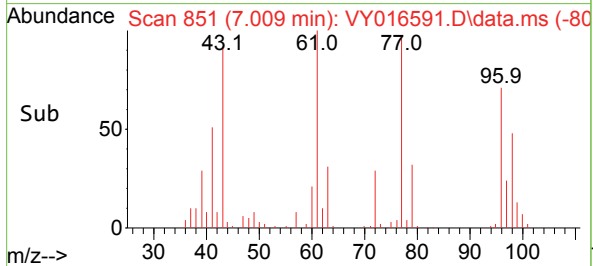
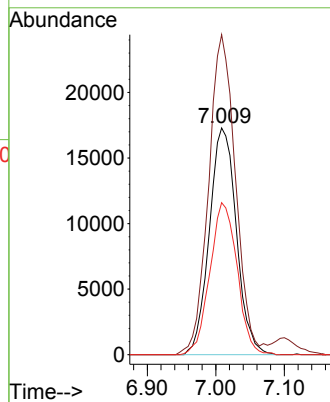
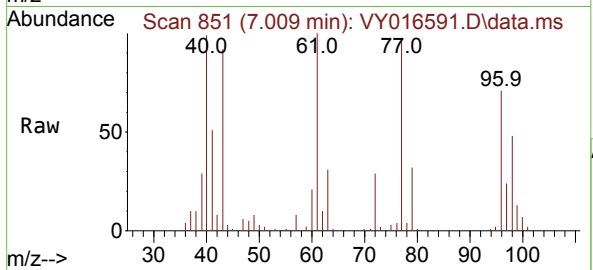
Tgt Ion: 96 Resp: 47428

Ion Ratio Lower Upper

96 100

61 141.3 0.0 301.4

98 67.6 0.0 130.4



#28

Bromochloromethane

Concen: 20.099 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

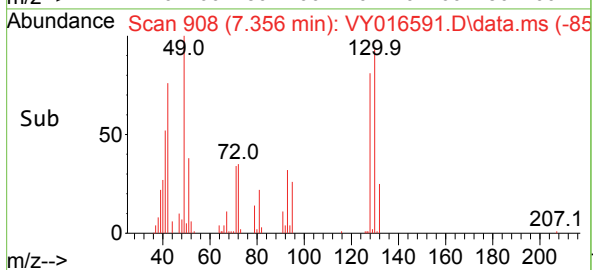
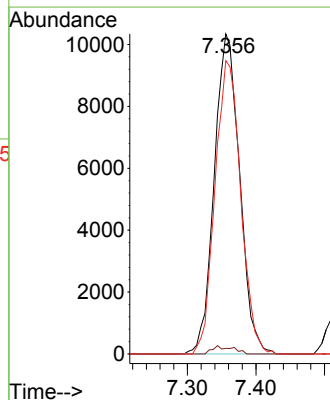
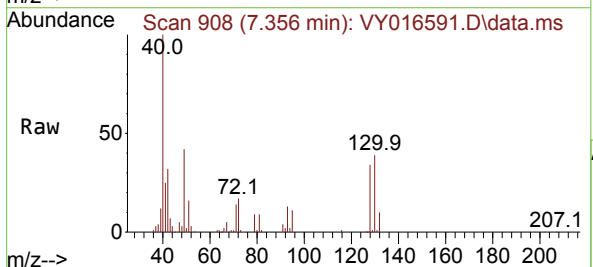
Tgt Ion: 49 Resp: 26547

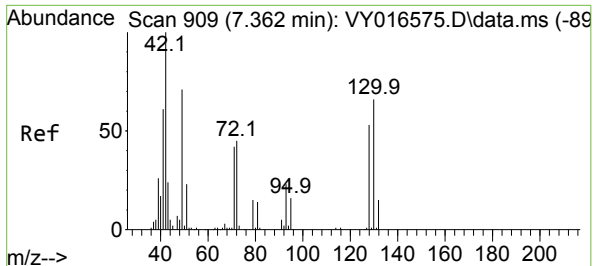
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 92.8 60.7 91.1#





#29

Tetrahydrofuran

Concen: 101.366 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

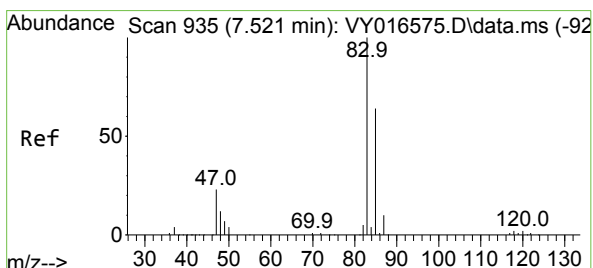
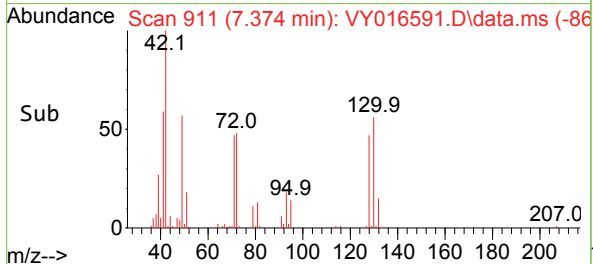
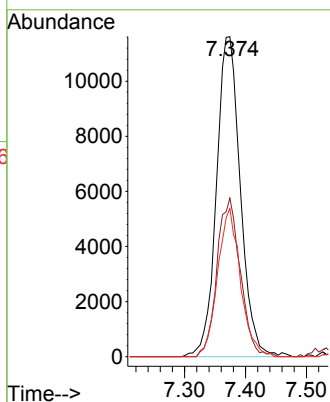
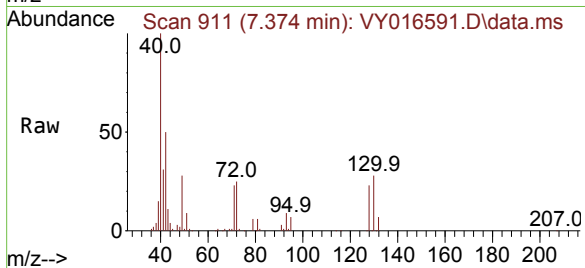
Tgt Ion: 42 Resp: 31628

Ion Ratio Lower Upper

42 100

72 48.3 32.8 49.2

71 44.3 31.0 46.4



#30

Chloroform

Concen: 22.776 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016591.D

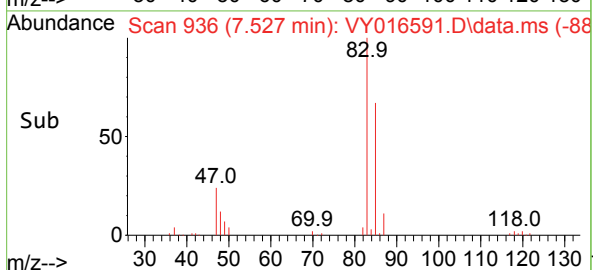
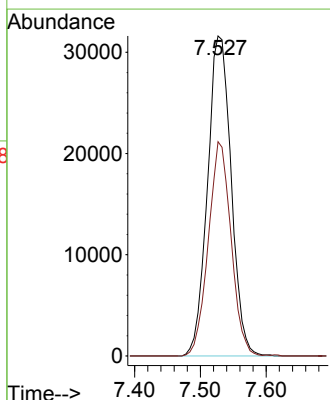
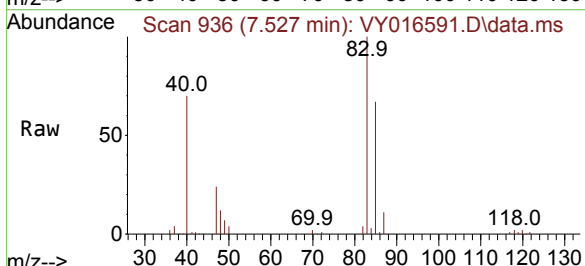
Acq: 05 Dec 2023 12:08

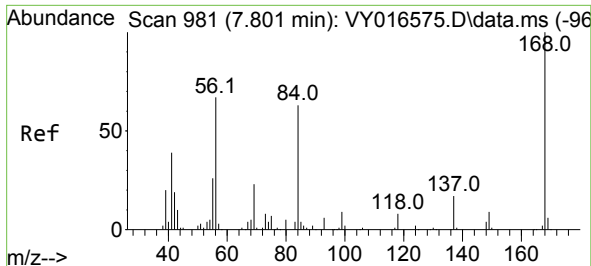
Tgt Ion: 83 Resp: 79169

Ion Ratio Lower Upper

83 100

85 66.9 49.7 74.5

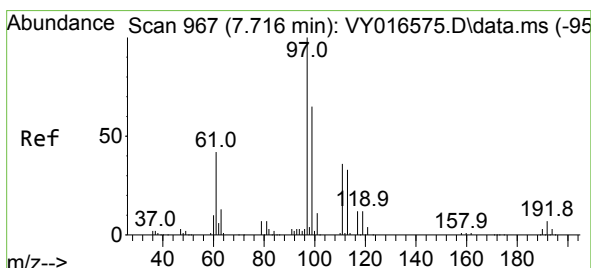
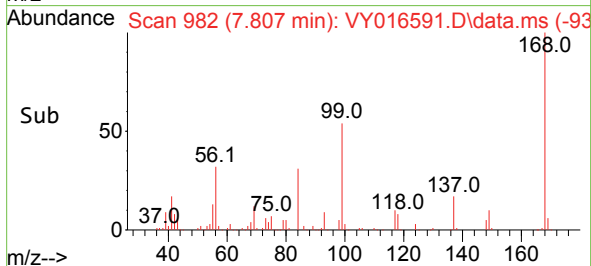
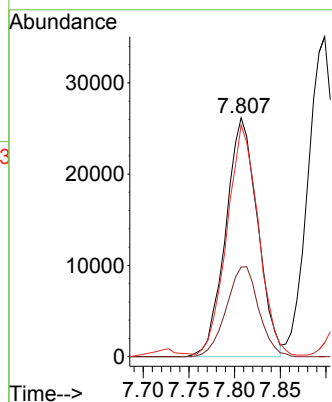
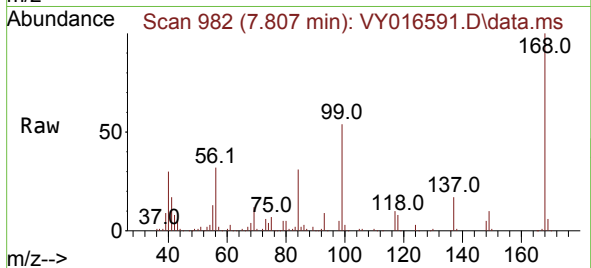




#31
Cyclohexane
Concen: 21.188 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

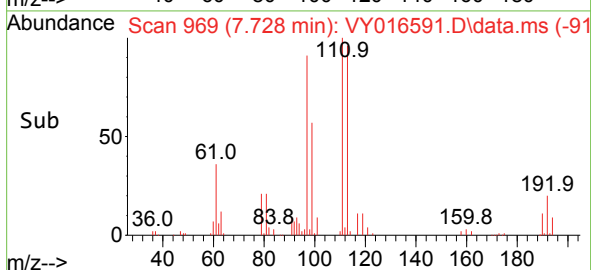
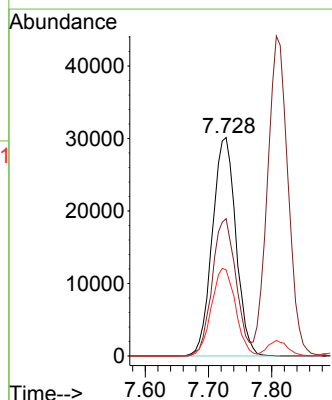
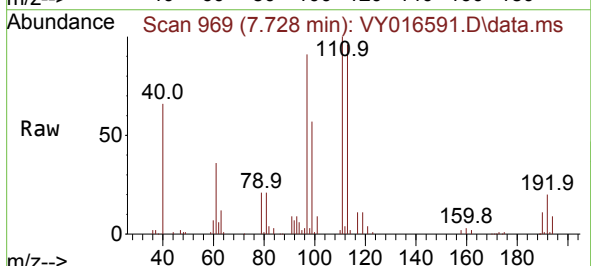
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

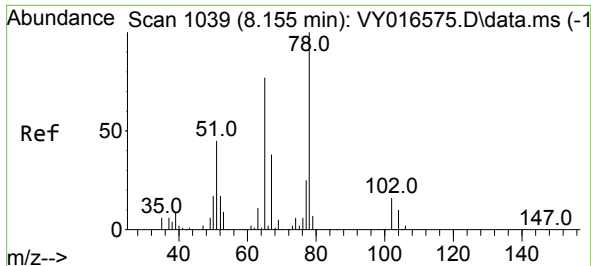
Tgt Ion: 56 Resp: 63615
Ion Ratio Lower Upper
56 100
69 37.5 27.8 41.6
84 95.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 23.710 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.012 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 97 Resp: 77997
Ion Ratio Lower Upper
97 100
99 63.1 50.8 76.2
61 41.0 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 57.510 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

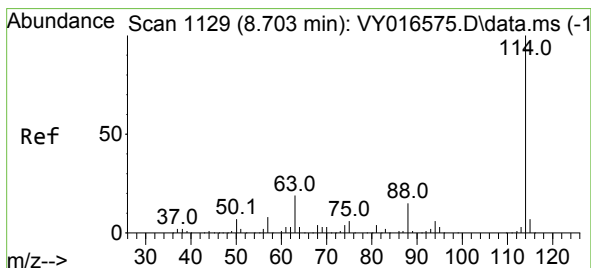
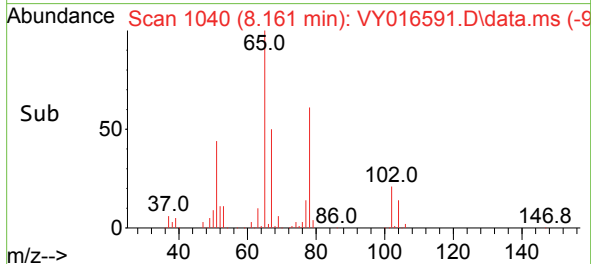
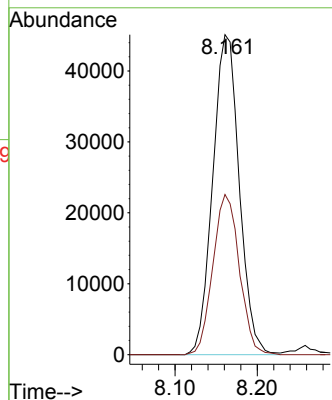
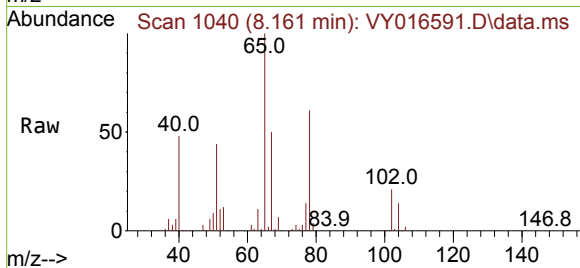
VY1205SBS01

Tgt Ion: 65 Resp: 101147

Ion Ratio Lower Upper

65 100

67 49.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.709 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

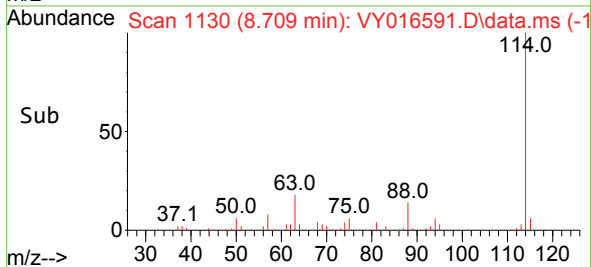
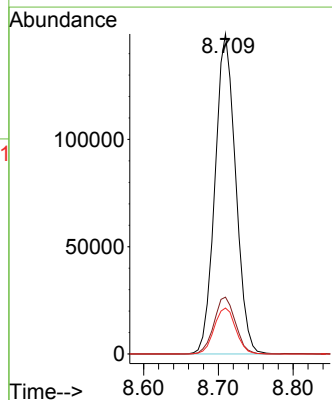
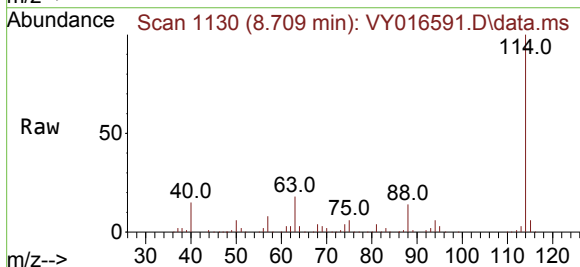
Tgt Ion: 114 Resp: 286823

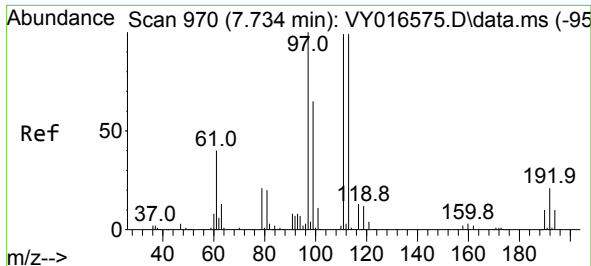
Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.4

88 14.4 0.0 30.6

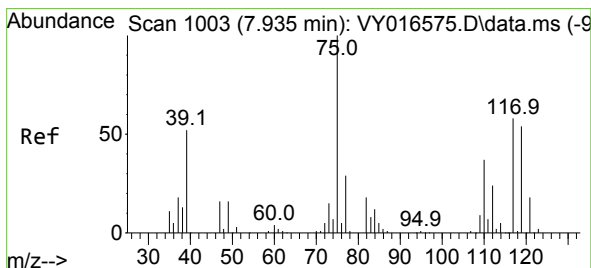
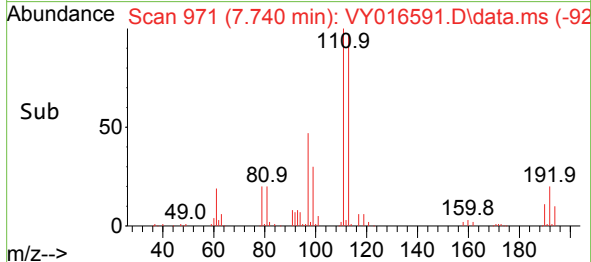
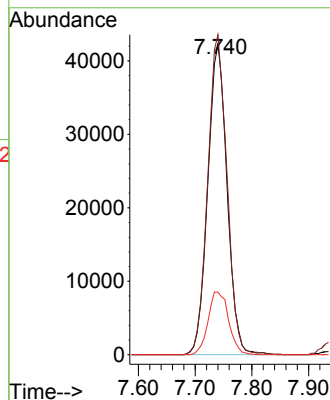
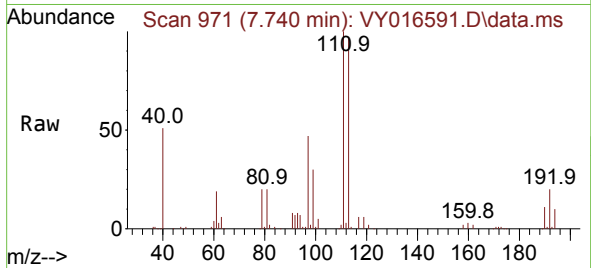




#35
Dibromofluoromethane
Concen: 57.735 ug/l
RT: 7.740 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

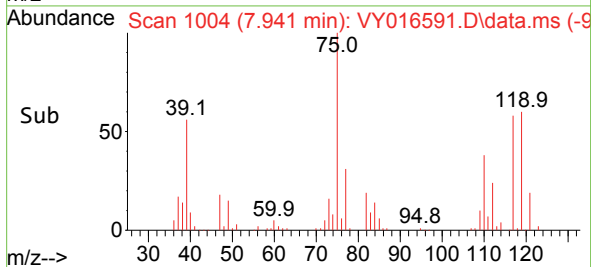
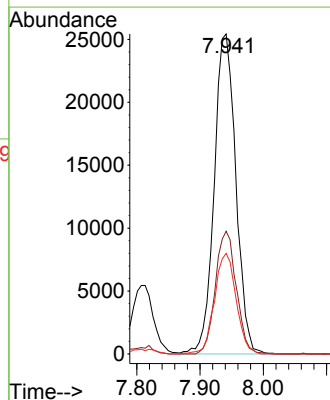
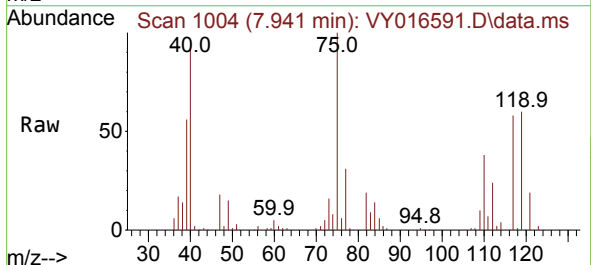
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

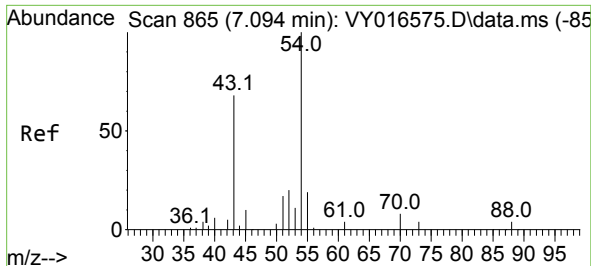
Tgt Ion:113 Resp: 99657
Ion Ratio Lower Upper
113 100
111 103.2 81.3 121.9
192 21.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 23.036 ug/l
RT: 7.941 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 75 Resp: 60444
Ion Ratio Lower Upper
75 100
110 36.9 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 21.230 ug/l

RT: 7.100 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

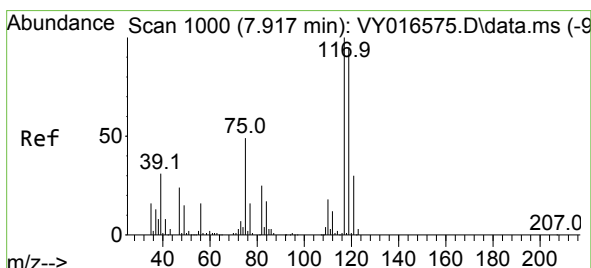
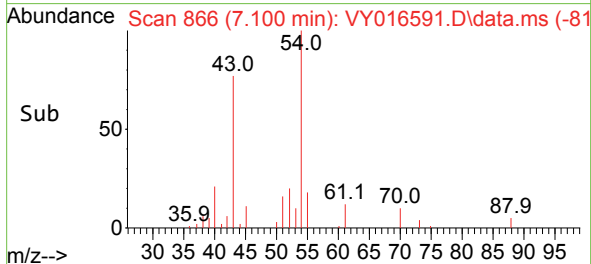
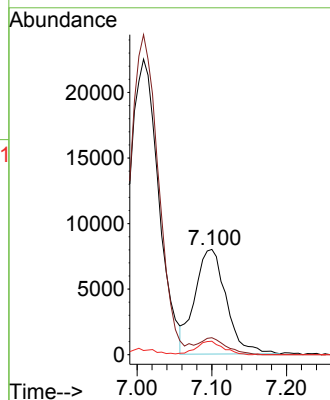
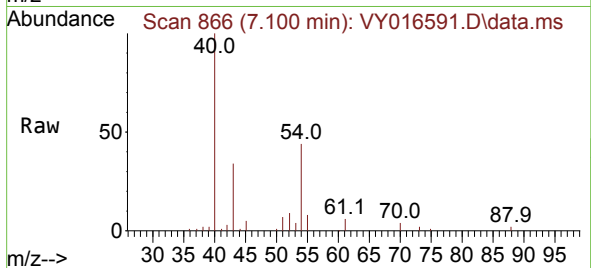
Tgt Ion: 43 Resp: 23309

Ion Ratio Lower Upper

43 100

61 13.5 10.1 15.1

70 11.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 23.674 ug/l

RT: 7.923 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

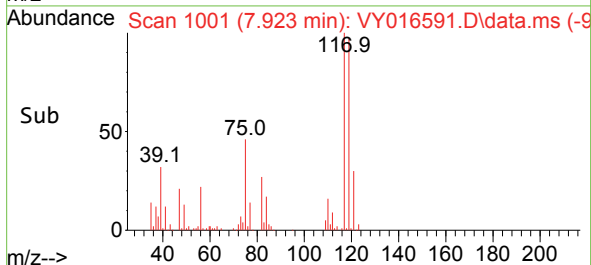
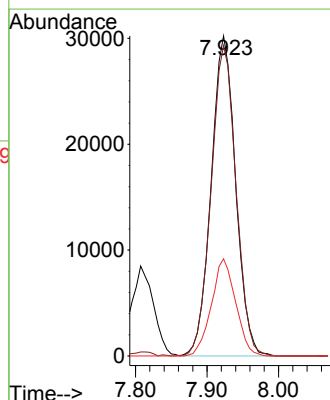
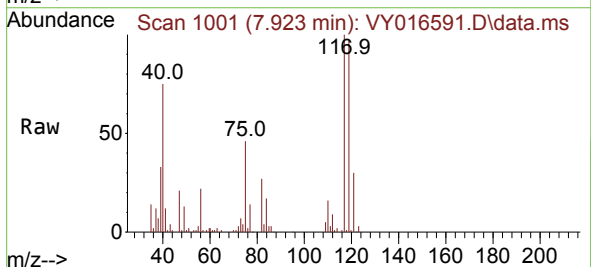
Tgt Ion: 117 Resp: 71911

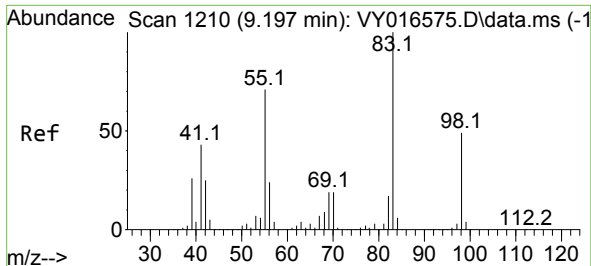
Ion Ratio Lower Upper

117 100

119 97.0 76.4 114.6

121 30.4 25.8 38.6





#39

Methylcyclohexane

Concen: 22.298 ug/l

RT: 9.203 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

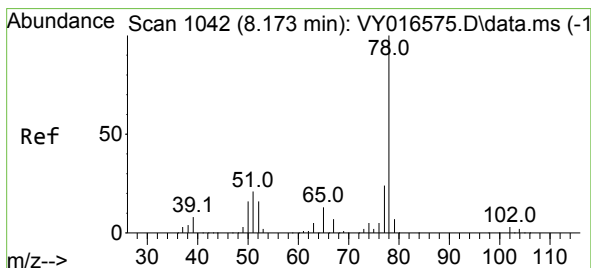
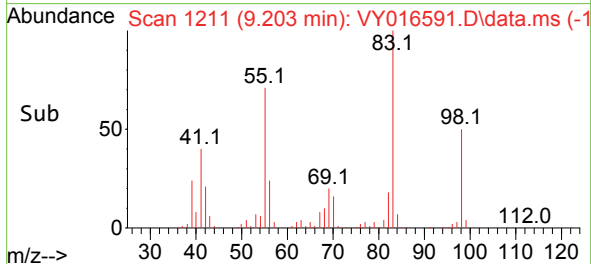
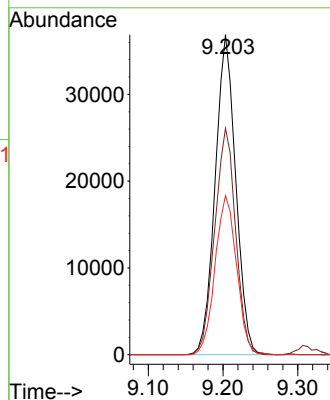
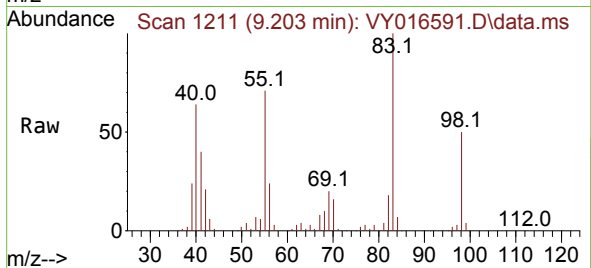
Tgt Ion: 83 Resp: 70490

Ion Ratio Lower Upper

83 100

55 70.7 63.0 94.4

98 49.8 37.4 56.2



#40

Benzene

Concen: 22.681 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016591.D

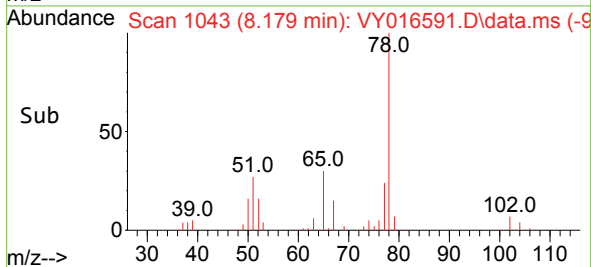
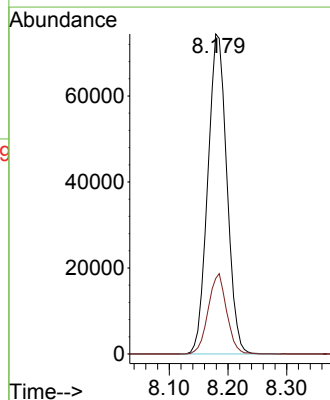
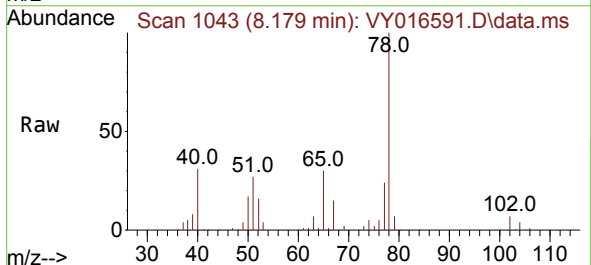
Acq: 05 Dec 2023 12:08

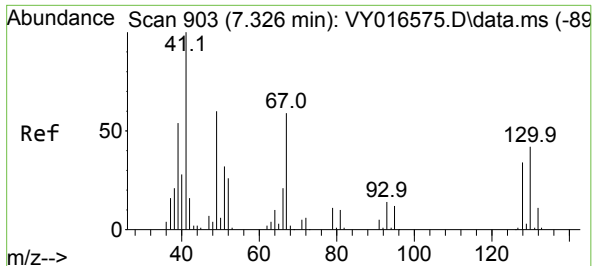
Tgt Ion: 78 Resp: 167745

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

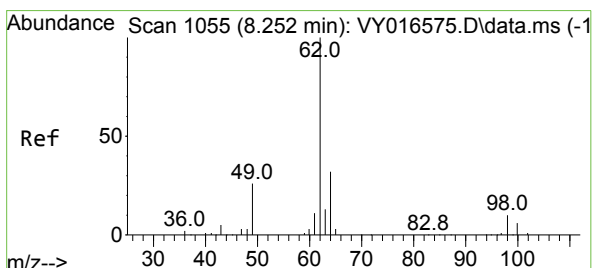
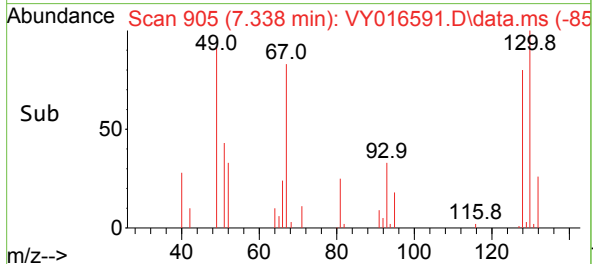
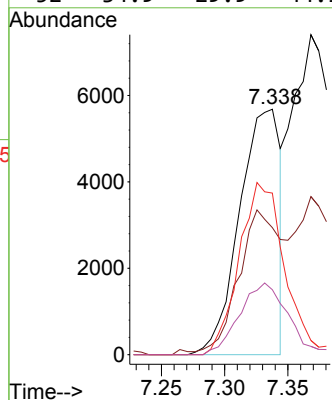
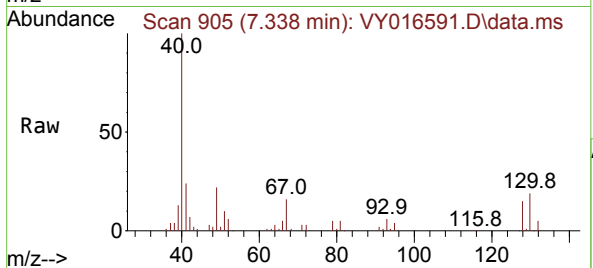




#41
Methacrylonitrile
Concen: 20.096 ug/l
RT: 7.338 min Scan# 903
Delta R.T. 0.012 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

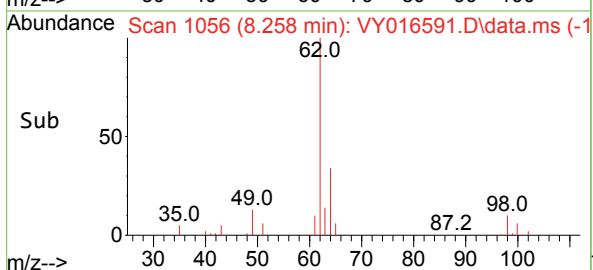
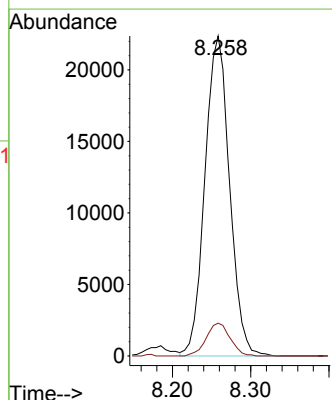
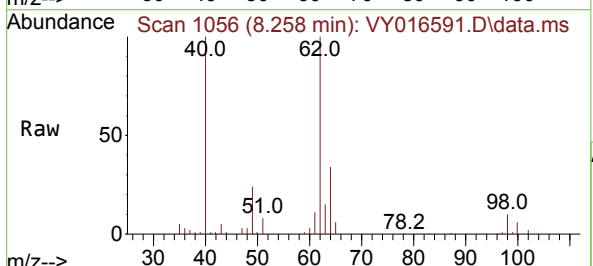
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

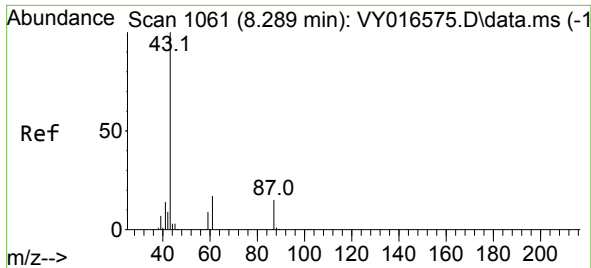
Tgt Ion: 41	Resp: 12743
Ion Ratio	Lower Upper
41 100	
39 65.6	52.1 78.1
67 78.2	66.2 99.2
52 34.9	29.9 44.9



#42
1,2-Dichloroethane
Concen: 22.745 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 62	Resp: 48845
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 15.8

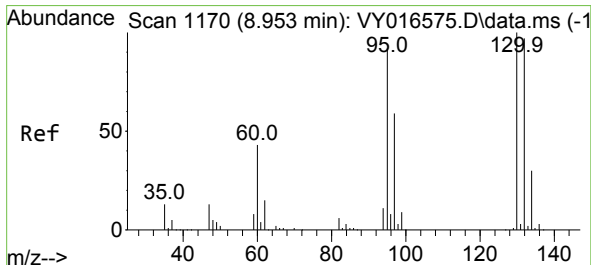
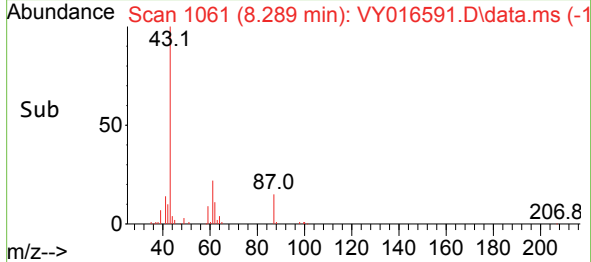
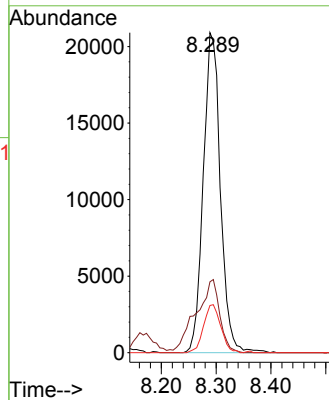
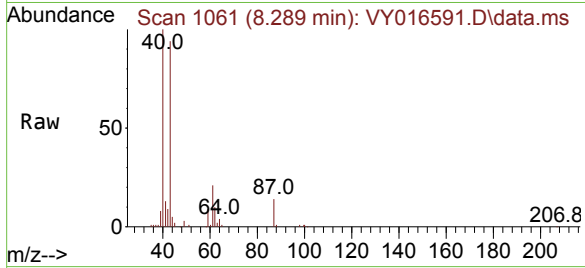




#43
Isopropyl Acetate
Concen: 21.381 ug/l
RT: 8.289 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

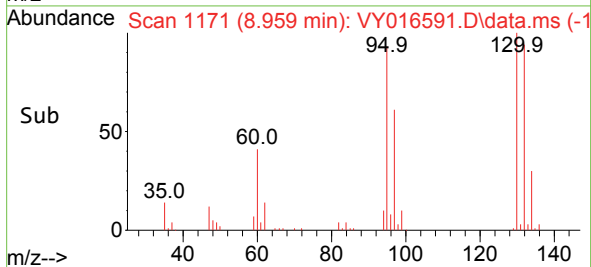
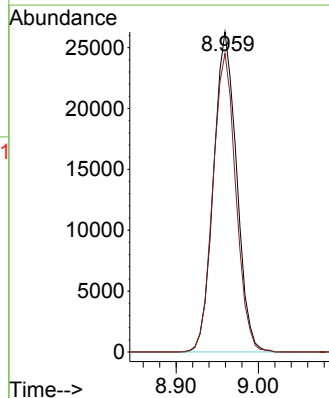
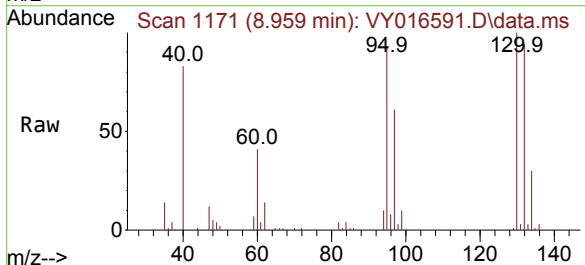
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

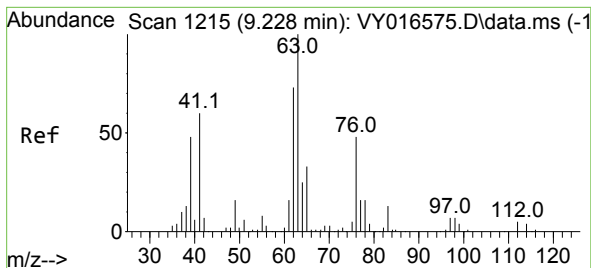
Tgt Ion: 43 Resp: 45286
Ion Ratio Lower Upper
43 100
61 31.5 21.1 31.7
87 15.1 9.8 14.8#



#44
Trichloroethene
Concen: 22.864 ug/l
RT: 8.959 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:130 Resp: 50994
Ion Ratio Lower Upper
130 100
95 93.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.687 ug/l

RT: 9.234 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

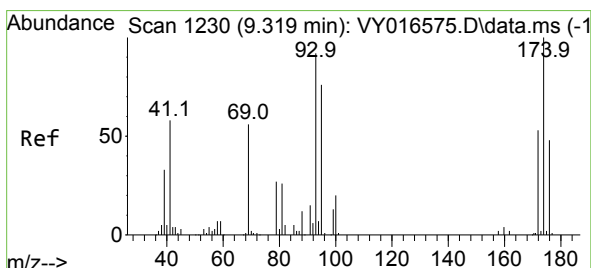
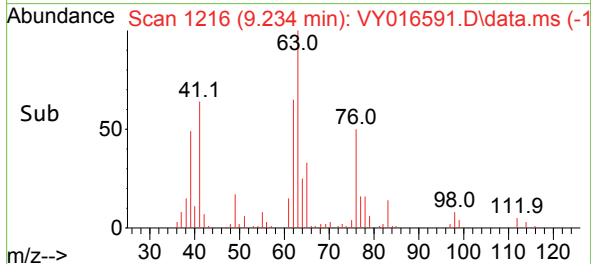
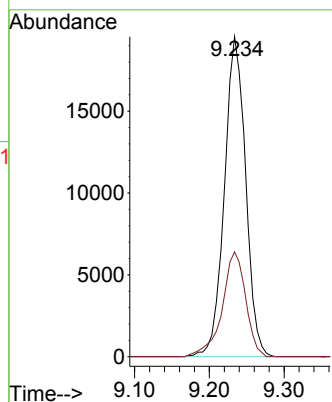
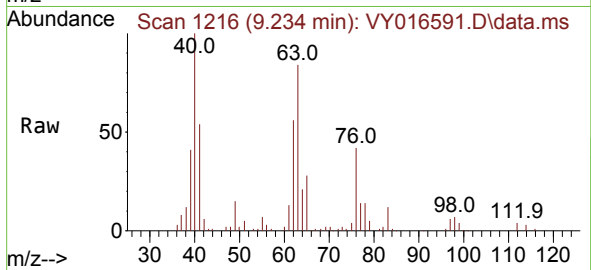
VY1205SBS01

Tgt Ion: 63 Resp: 38614

Ion Ratio Lower Upper

63 100

65 32.8 23.8 35.6



#46

Dibromomethane

Concen: 22.327 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

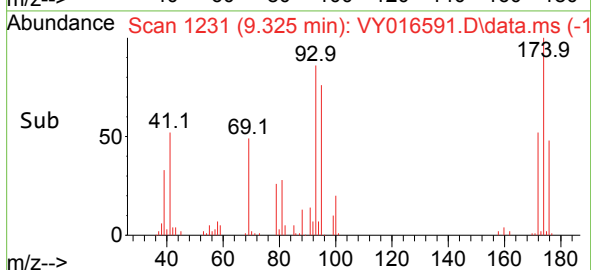
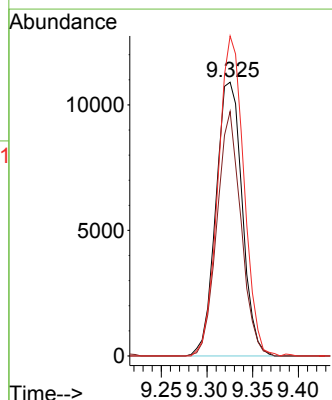
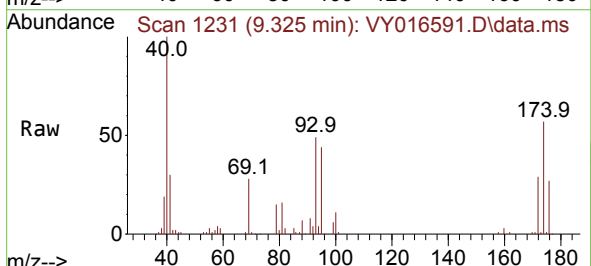
Tgt Ion: 93 Resp: 21794

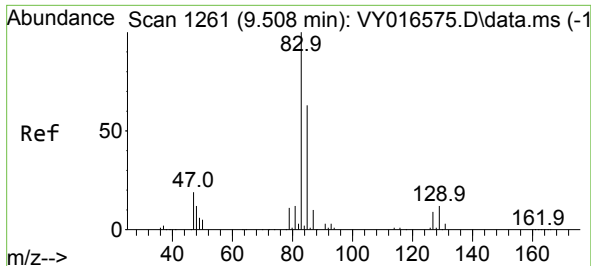
Ion Ratio Lower Upper

93 100

95 81.8 66.6 100.0

174 114.7 84.8 127.2

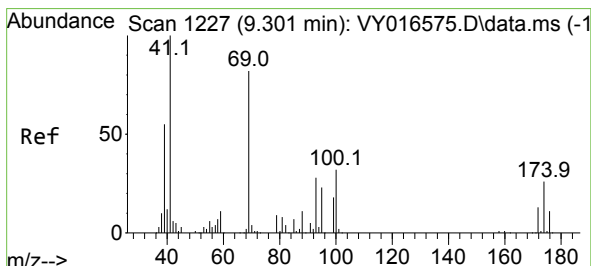
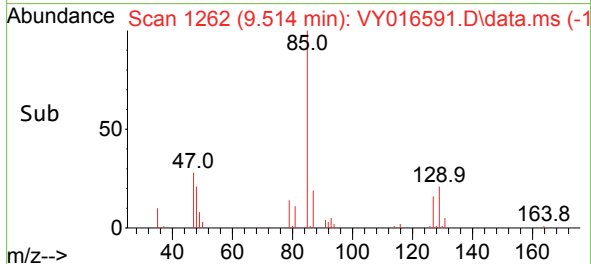
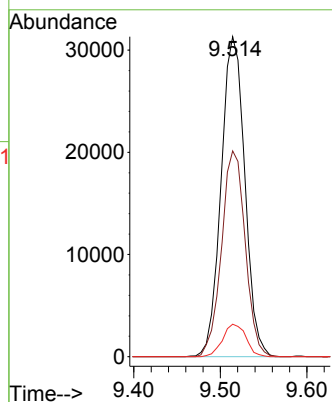
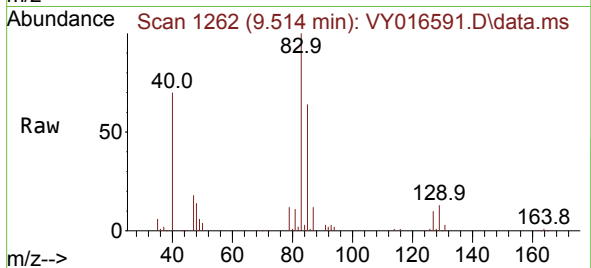




#47
Bromodichloromethane
Concen: 22.899 ug/l
RT: 9.514 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

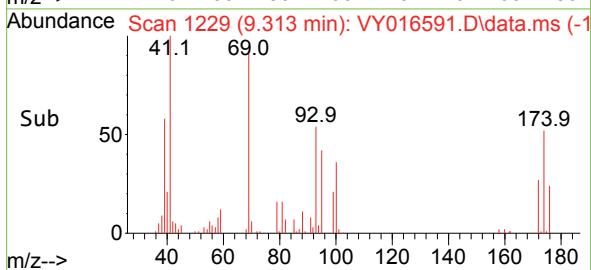
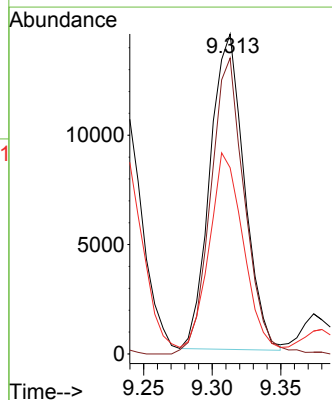
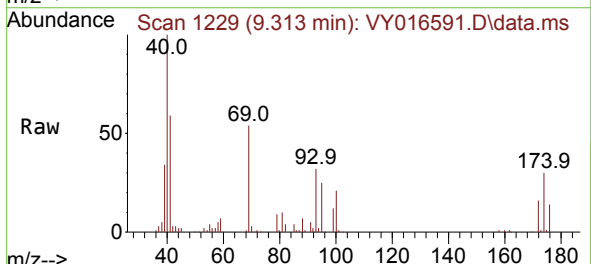
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

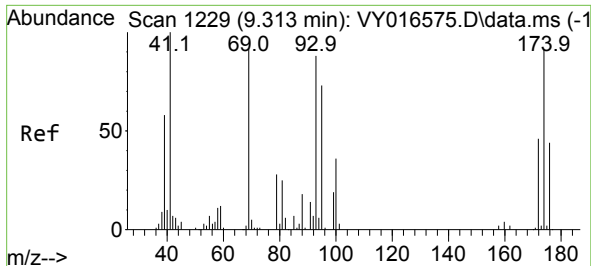
Tgt Ion: 83 Resp: 59508
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 10.1 7.1 10.7



#48
Methyl methacrylate
Concen: 20.486 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.012 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 41 Resp: 25059
Ion Ratio Lower Upper
41 100
69 93.4 64.5 96.7
39 60.4 50.8 76.2





#49

1,4-Dioxane

Concen: 431.175 ug/l

RT: 9.319 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

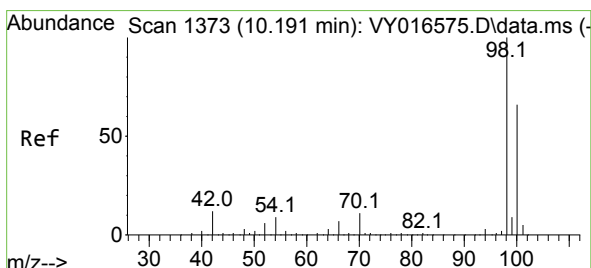
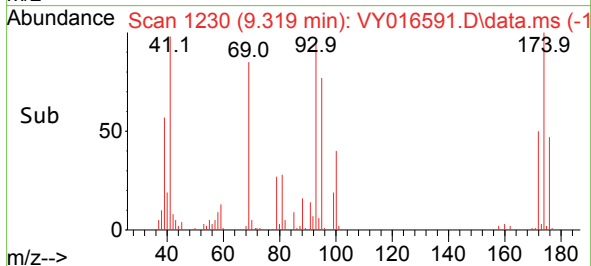
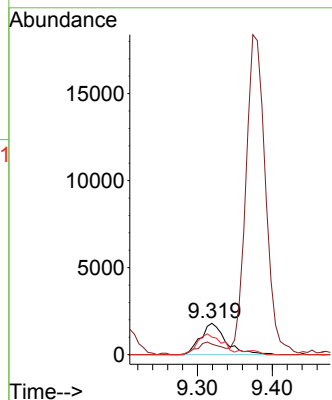
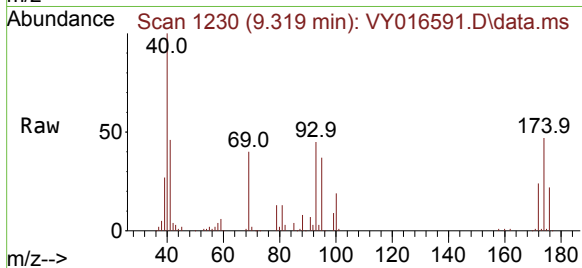
Tgt Ion: 88 Resp: 4260

Ion Ratio Lower Upper

88 100

43 39.2 0.0 0.0#

58 63.5 30.9 46.3#



#50

Toluene-d8

Concen: 58.556 ug/l

RT: 10.197 min Scan# 1374

Delta R.T. 0.006 min

Lab File: VY016591.D

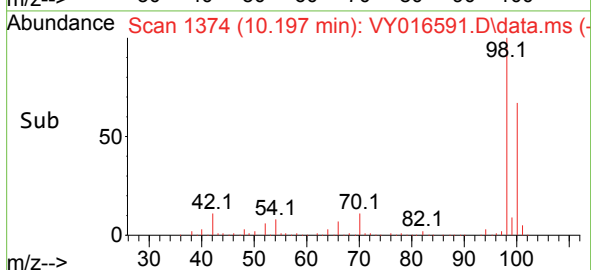
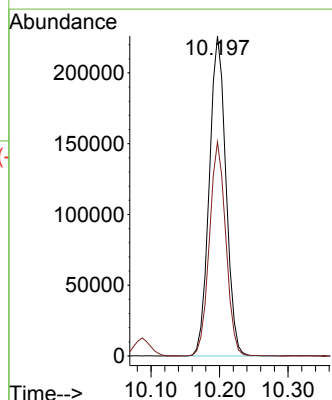
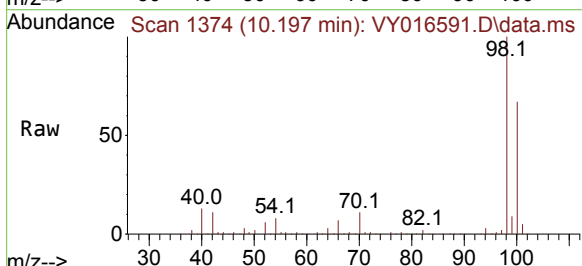
Acq: 05 Dec 2023 12:08

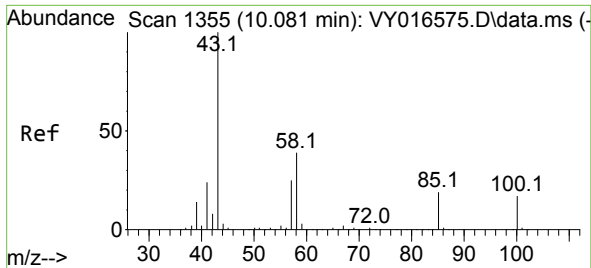
Tgt Ion: 98 Resp: 382315

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 106.382 ug/l

RT: 10.087 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

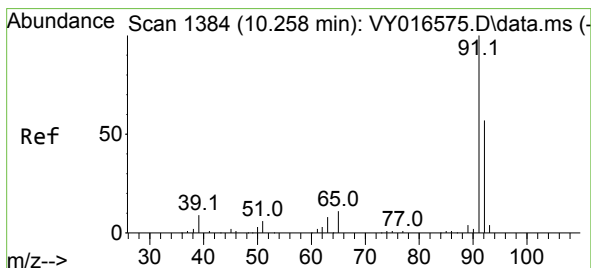
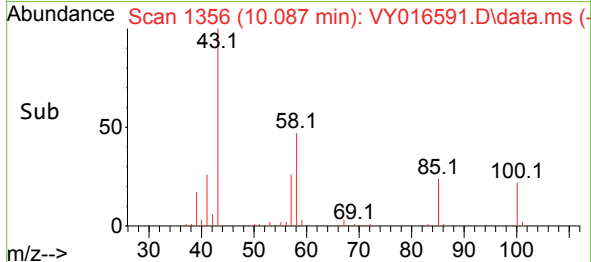
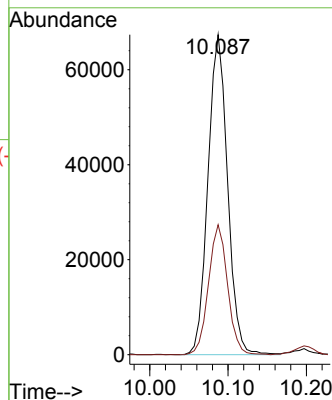
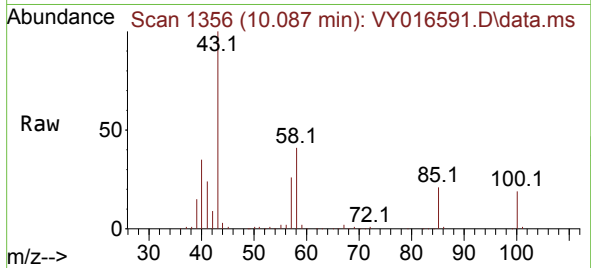
VY1205SBS01

Tgt Ion: 43 Resp: 117096

Ion Ratio Lower Upper

43 100

58 39.5 29.0 43.6



#52

Toluene

Concen: 23.376 ug/l

RT: 10.264 min Scan# 1385

Delta R.T. 0.006 min

Lab File: VY016591.D

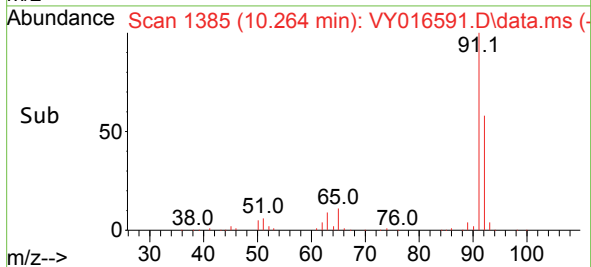
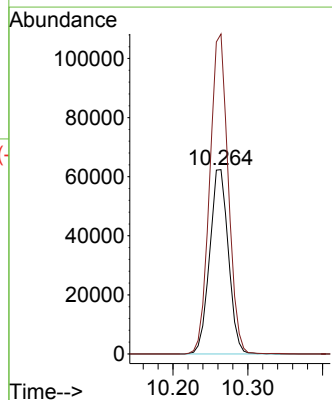
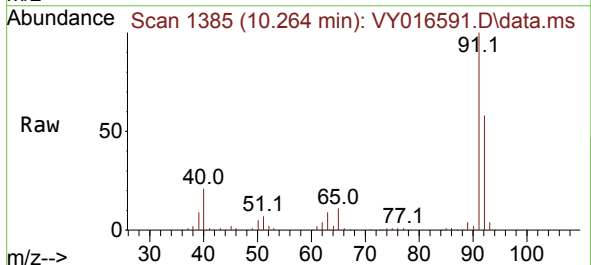
Acq: 05 Dec 2023 12:08

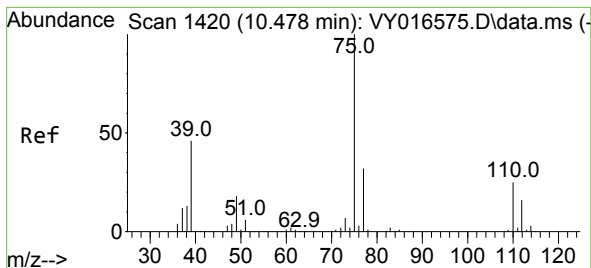
Tgt Ion: 92 Resp: 108353

Ion Ratio Lower Upper

92 100

91 171.6 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 22.846 ug/l

RT: 10.484 min Scan# 1420

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

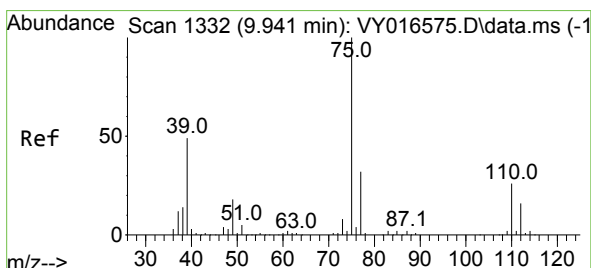
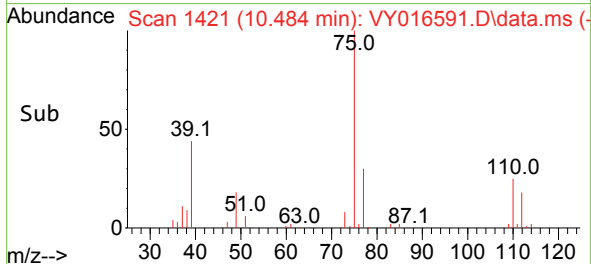
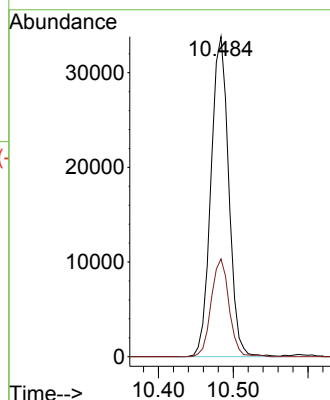
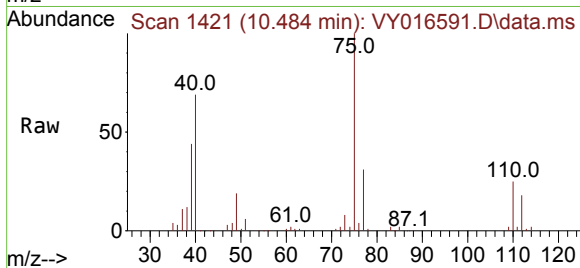
VY1205SBS01

Tgt Ion: 75 Resp: 56029

Ion Ratio Lower Upper

75 100

77 30.6 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 22.763 ug/l

RT: 9.947 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

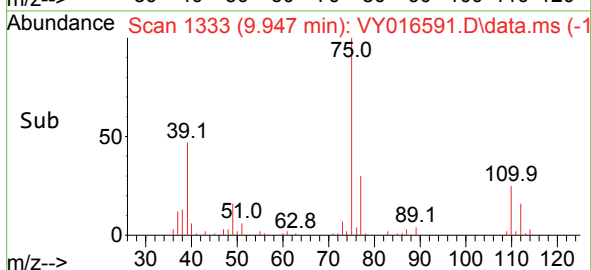
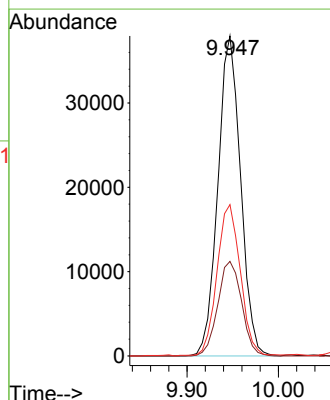
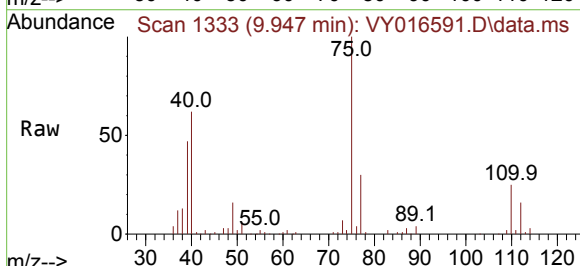
Tgt Ion: 75 Resp: 65566

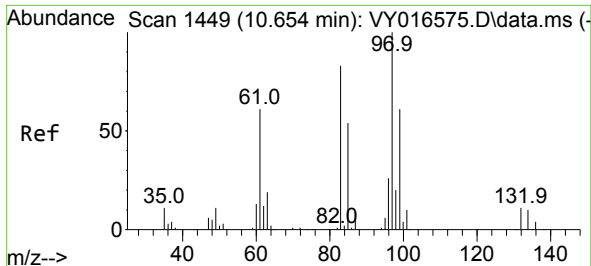
Ion Ratio Lower Upper

75 100

77 29.5 24.2 36.4

39 47.1 42.2 63.4

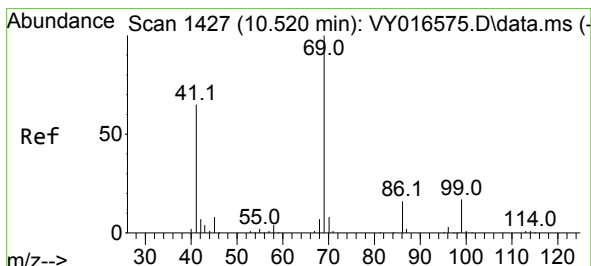
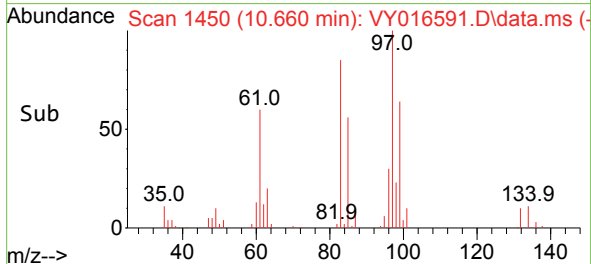
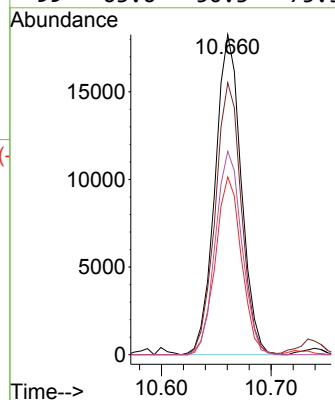
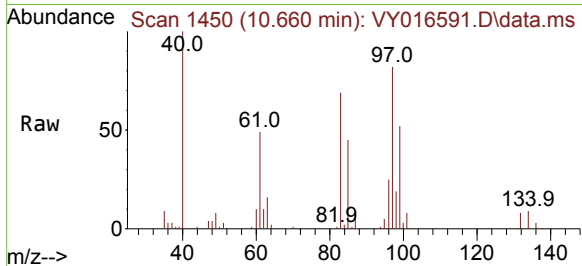




#55
1,1,2-Trichloroethane
Concen: 22.326 ug/l
RT: 10.660 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

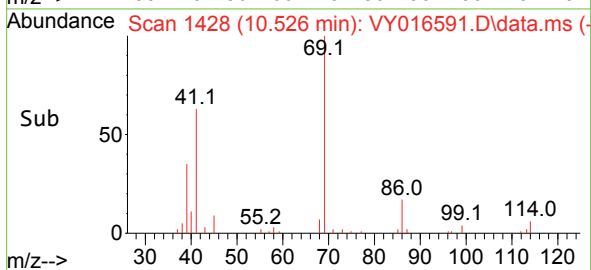
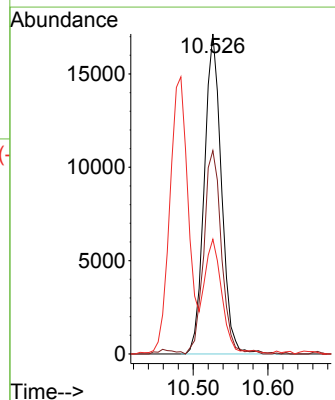
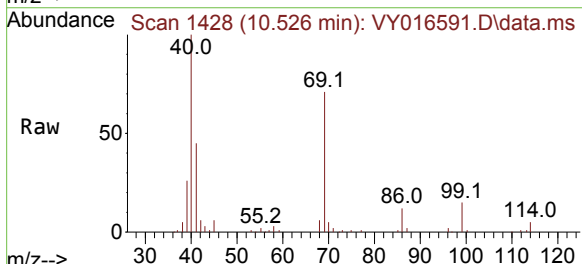
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

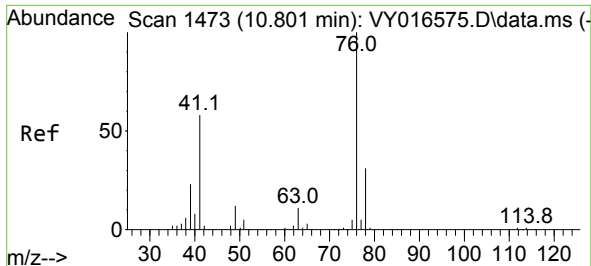
Tgt Ion: 97	Resp: 30357
Ion Ratio	Lower Upper
97 100	
83 85.0	72.0 108.0
85 55.6	45.4 68.0
99 63.6	50.3 75.5



#56
Ethyl methacrylate
Concen: 21.997 ug/l
RT: 10.526 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 69	Resp: 27416
Ion Ratio	Lower Upper
69 100	
41 65.5	57.6 86.4
39 35.1	34.1 51.1





#57

1,3-Dichloropropane

Concen: 22.399 ug/l

RT: 10.807 min Scan# 1473

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

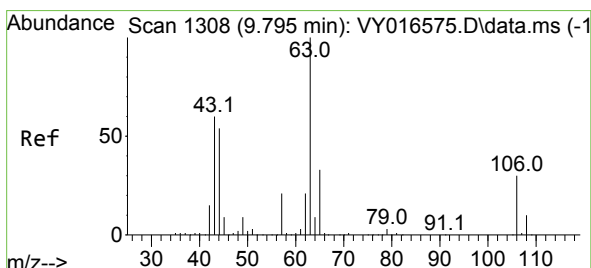
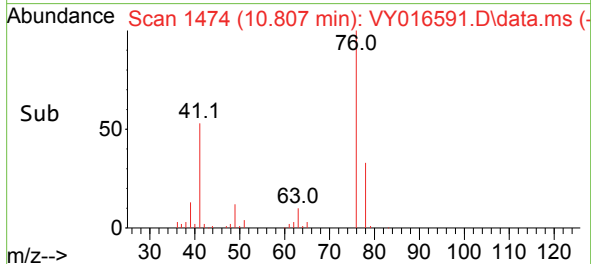
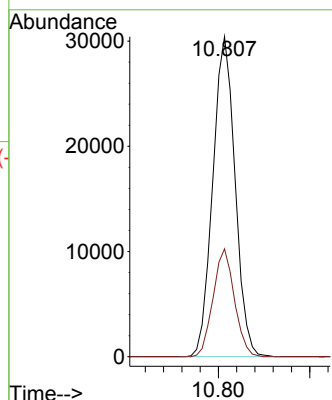
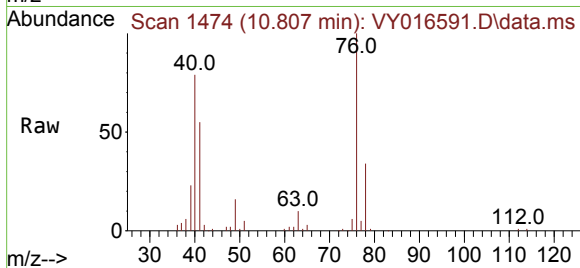
VY1205SBS01

Tgt Ion: 76 Resp: 51449

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.288 ug/l

RT: 9.801 min Scan# 1309

Delta R.T. 0.006 min

Lab File: VY016591.D

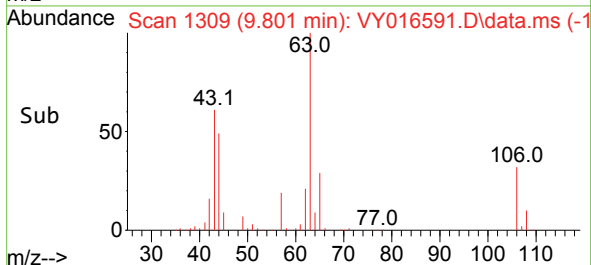
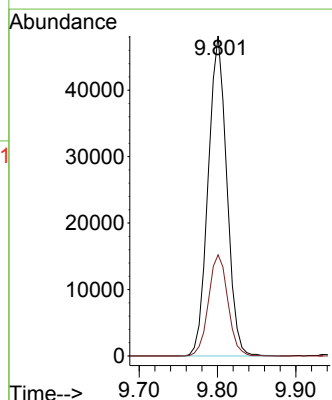
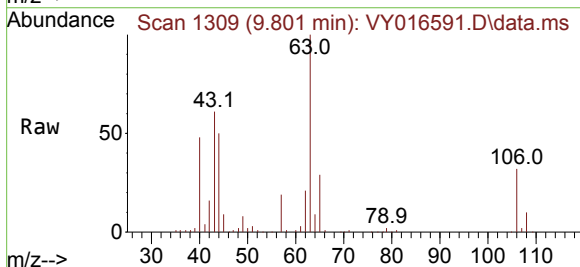
Acq: 05 Dec 2023 12:08

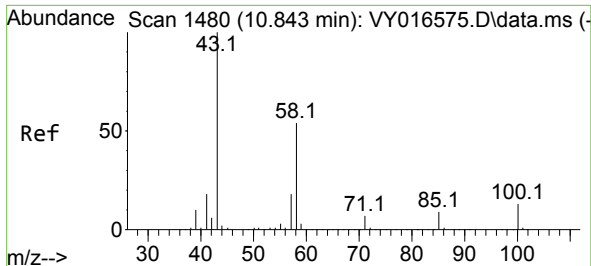
Tgt Ion: 63 Resp: 79333

Ion Ratio Lower Upper

63 100

106 32.8 21.2 31.8#

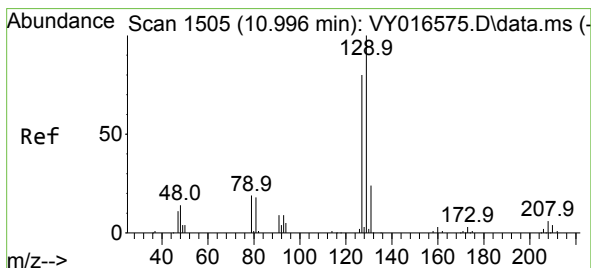
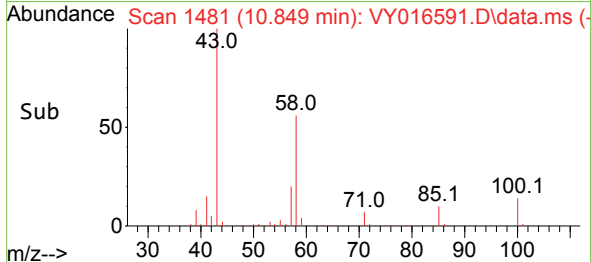
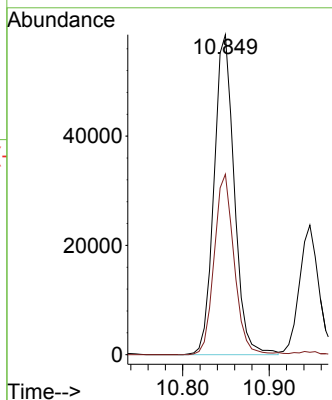
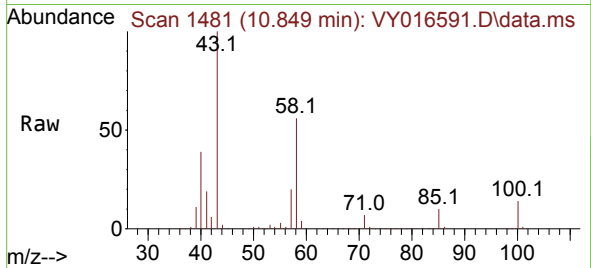




#59
2-Hexanone
Concen: 114.134 ug/l
RT: 10.849 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

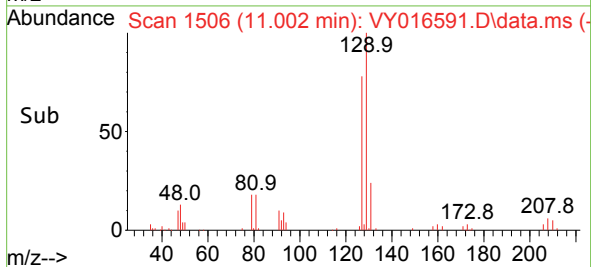
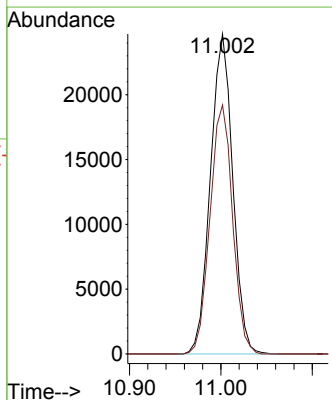
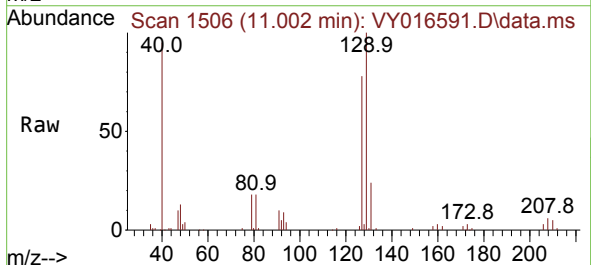
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

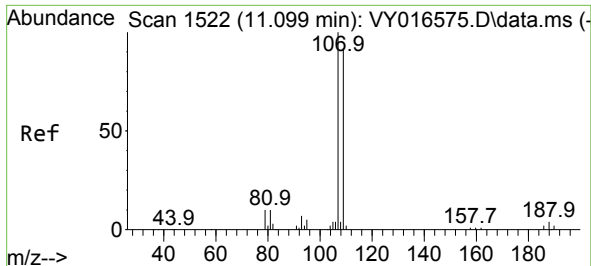
Tgt Ion: 43 Resp: 95036
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 23.081 ug/l
RT: 11.002 min Scan# 1506
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 129 Resp: 41932
Ion Ratio Lower Upper
129 100
127 78.6 38.5 115.5

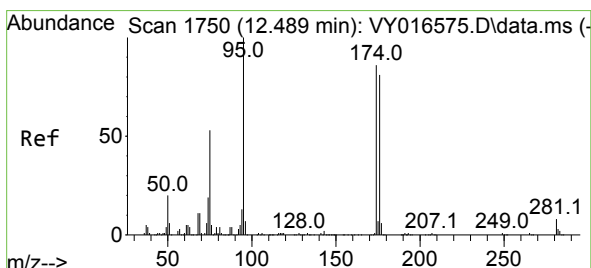
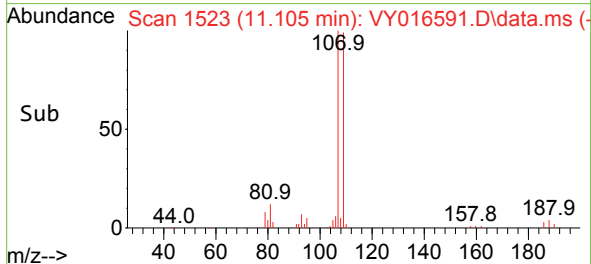
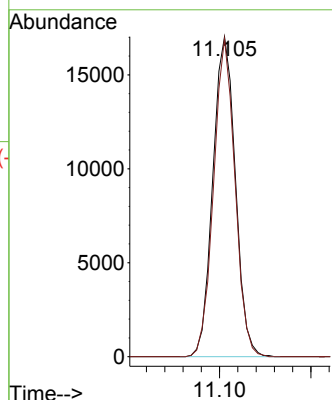
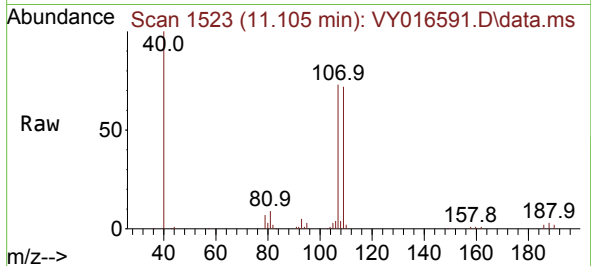




#61
1,2-Dibromoethane
Concen: 22.741 ug/l
RT: 11.105 min Scan# 1523
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

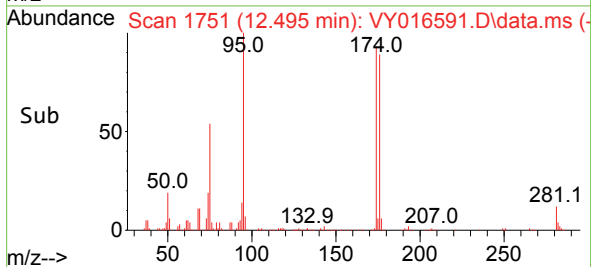
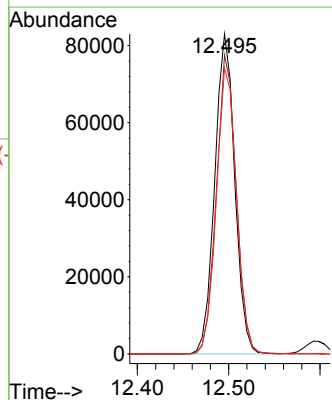
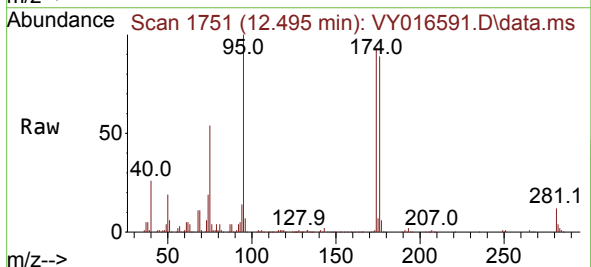
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

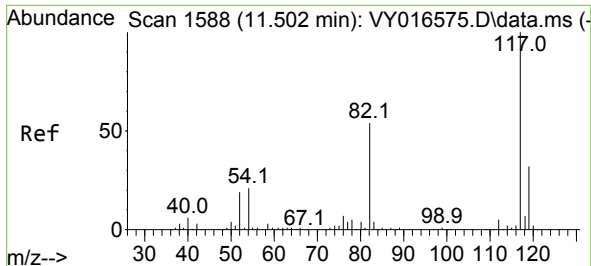
Tgt Ion:107 Resp: 29083
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 58.876 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 95 Resp: 126414
Ion Ratio Lower Upper
95 100
174 92.8 0.0 178.2
176 89.9 0.0 173.8

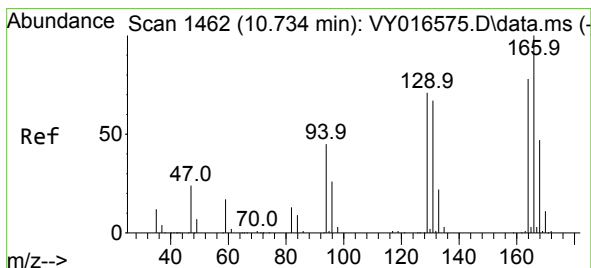
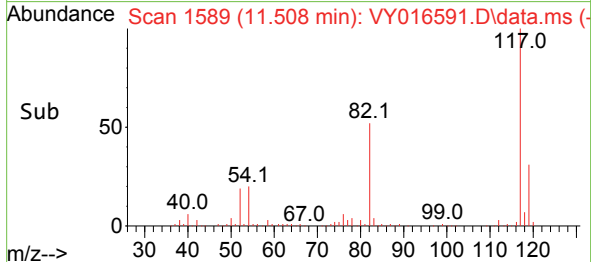
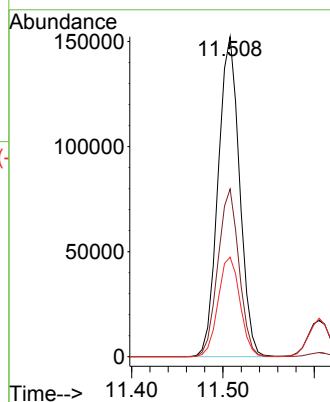
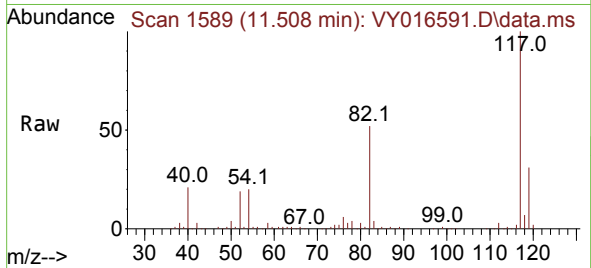




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

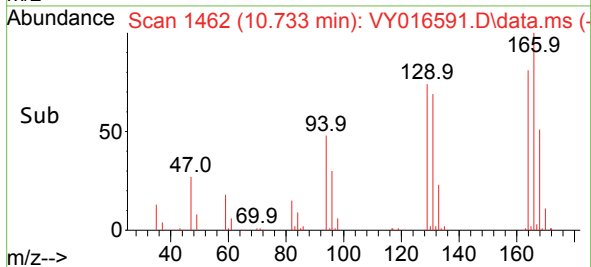
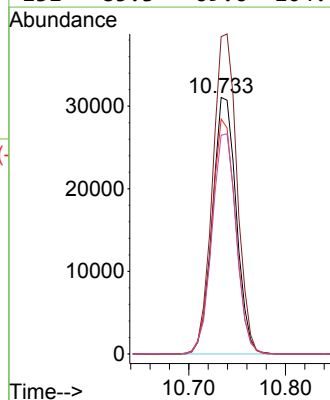
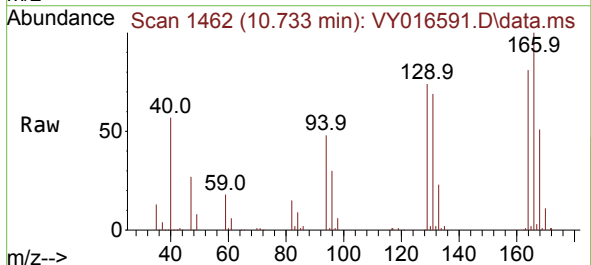
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

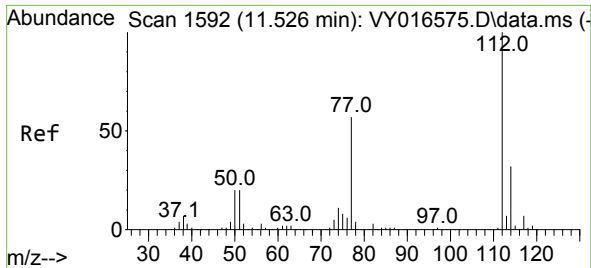
Tgt Ion:117 Resp: 248157
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 23.454 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:164 Resp: 53342
Ion Ratio Lower Upper
164 100
166 123.7 103.0 154.6
129 91.6 77.2 115.8
131 85.3 69.6 104.4

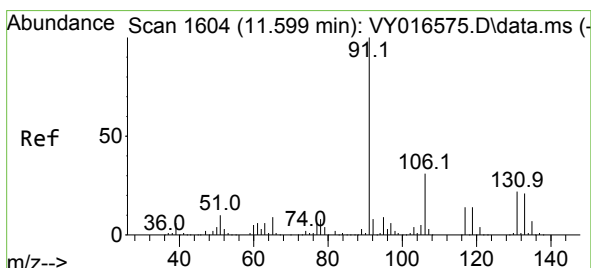
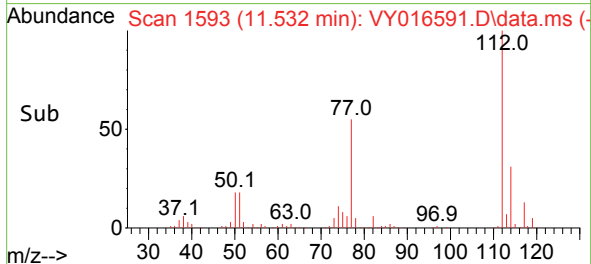
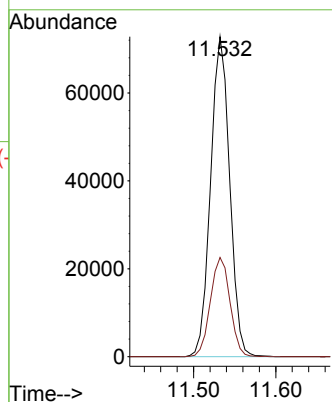
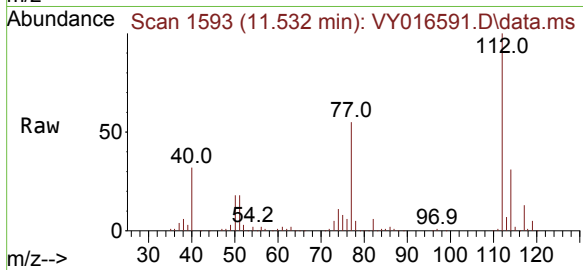




#65
Chlorobenzene
Concen: 23.363 ug/l
RT: 11.532 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

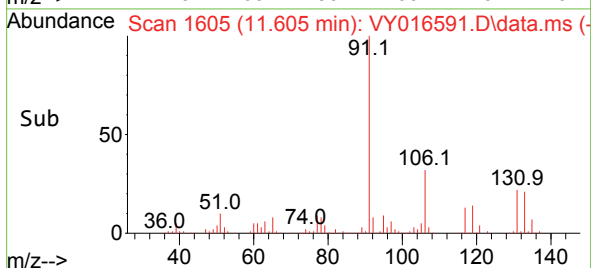
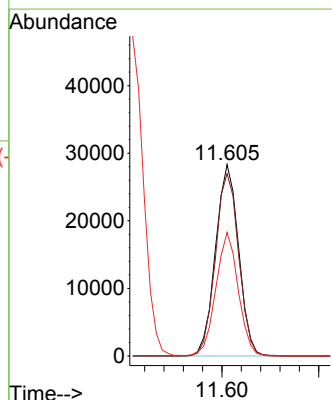
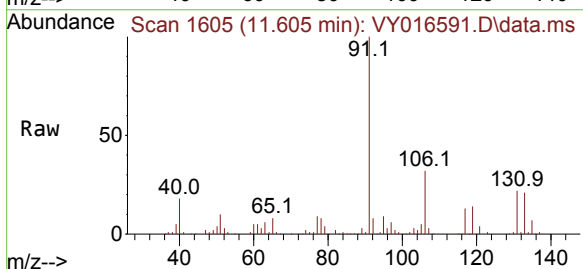
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

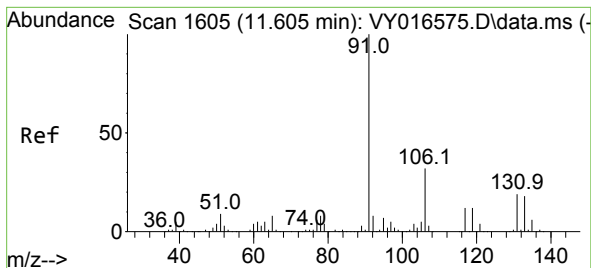
Tgt Ion:112 Resp: 117430
Ion Ratio Lower Upper
112 100
114 31.0 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 23.829 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:131 Resp: 46811
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 62.5 31.6 94.7





#67

Ethyl Benzene

Concen: 23.013 ug/l

RT: 11.605 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

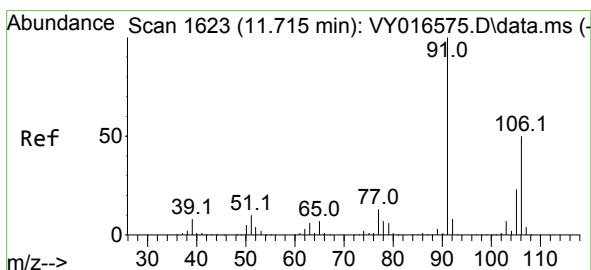
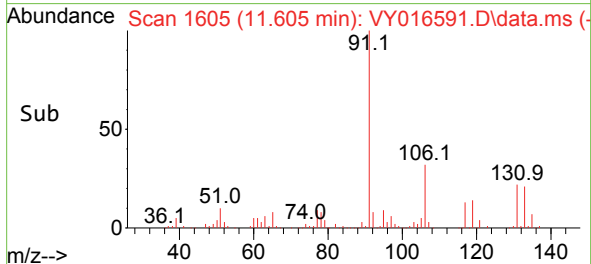
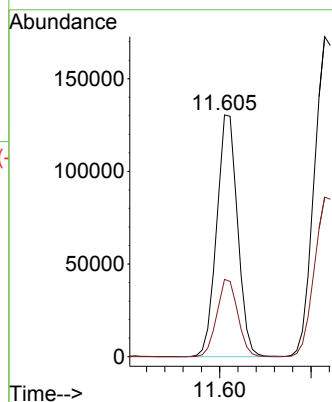
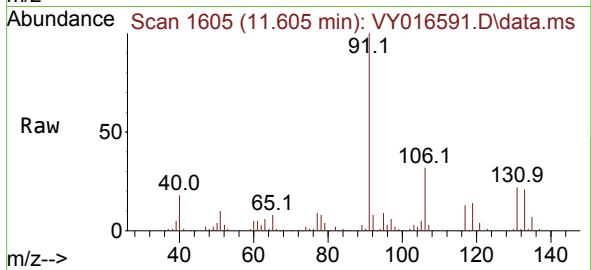
VY1205SBS01

Tgt Ion: 91 Resp: 207441

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 47.094 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. -0.000 min

Lab File: VY016591.D

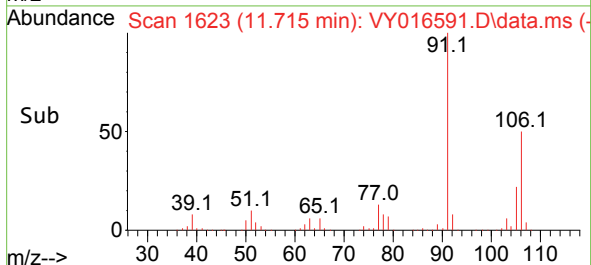
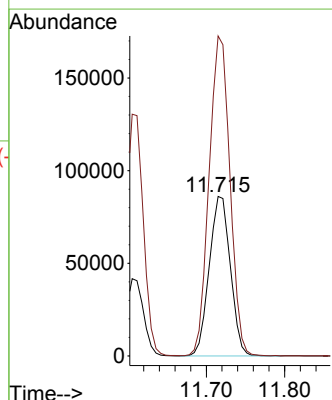
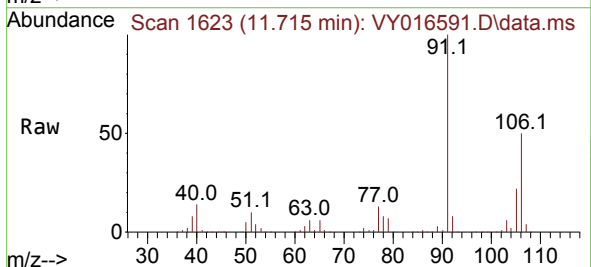
Acq: 05 Dec 2023 12:08

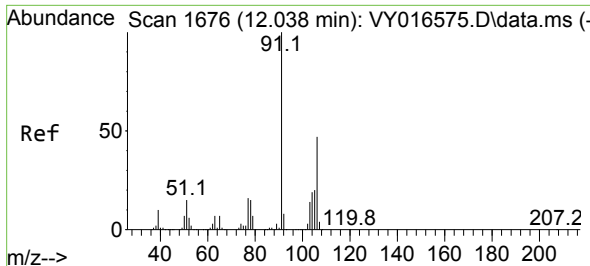
Tgt Ion:106 Resp: 161157

Ion Ratio Lower Upper

106 100

91 198.2 166.1 249.1

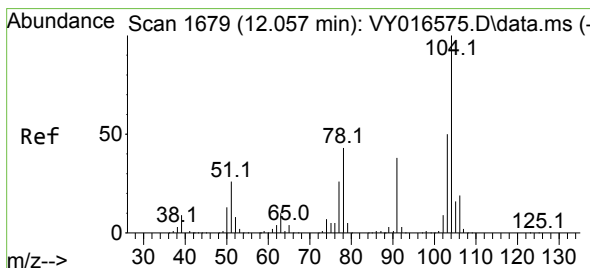
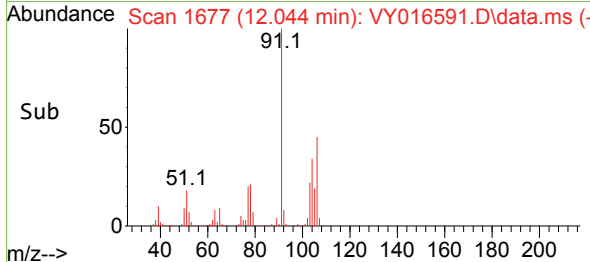
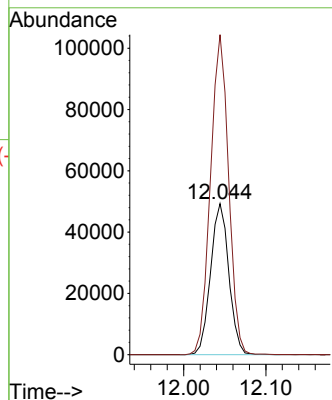
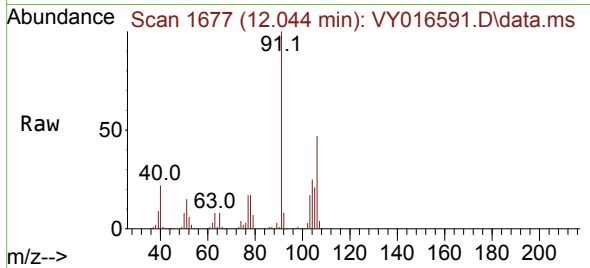




#69
o-Xylene
Concen: 23.815 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

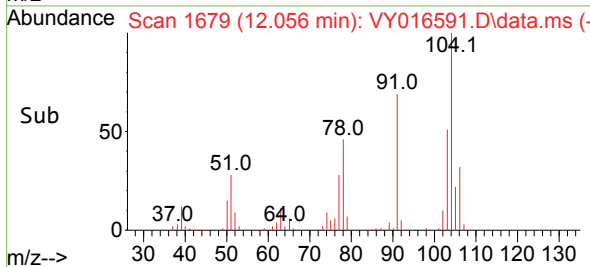
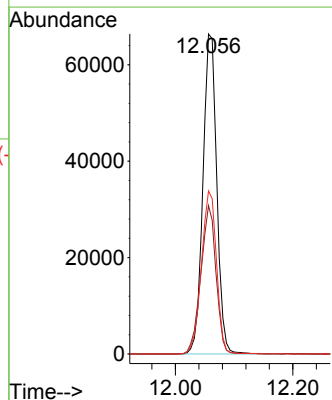
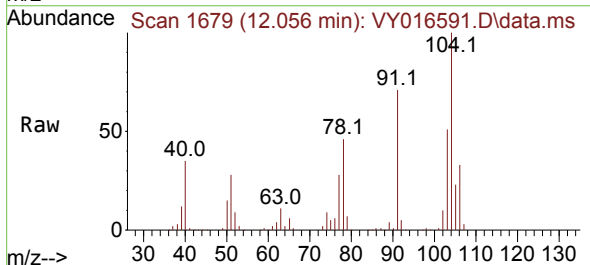
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

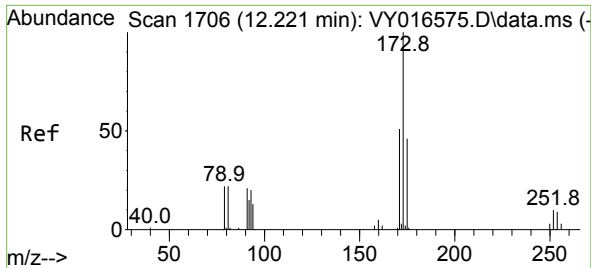
Tgt Ion:106 Resp: 76079
Ion Ratio Lower Upper
106 100
91 210.3 108.1 324.3



#70
Styrene
Concen: 23.685 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:104 Resp: 108559
Ion Ratio Lower Upper
104 100
78 50.8 41.5 62.3
103 55.7 44.6 67.0

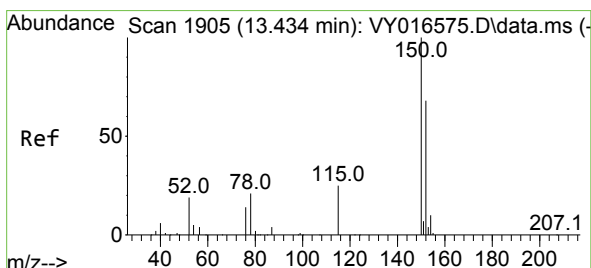
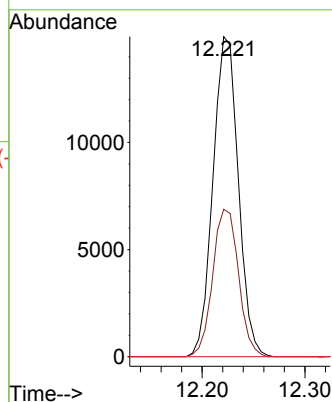
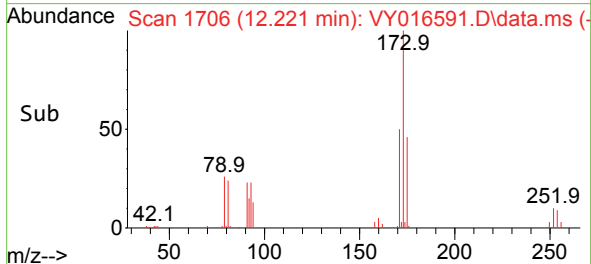
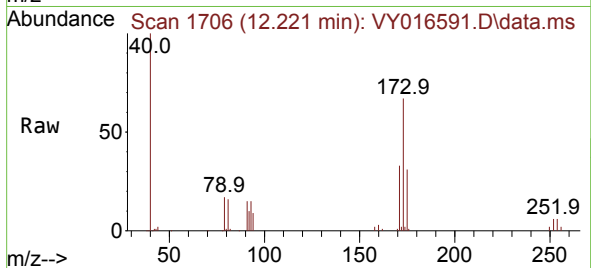




#71
Bromoform
Concen: 24.075 ug/l
RT: 12.221 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

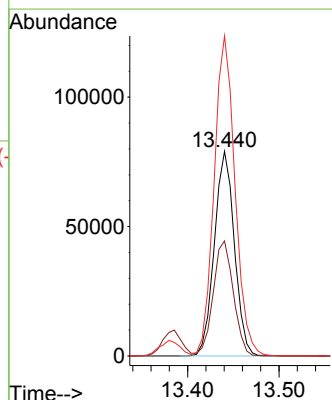
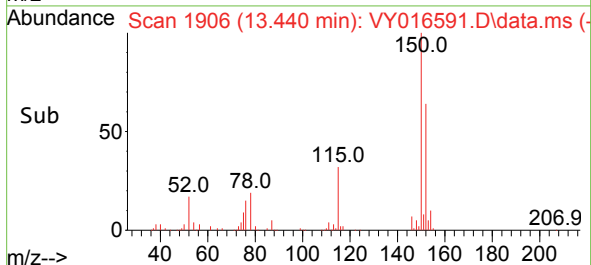
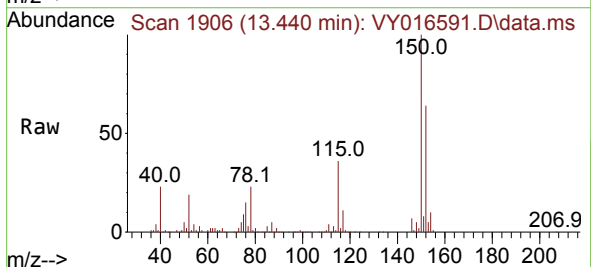
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

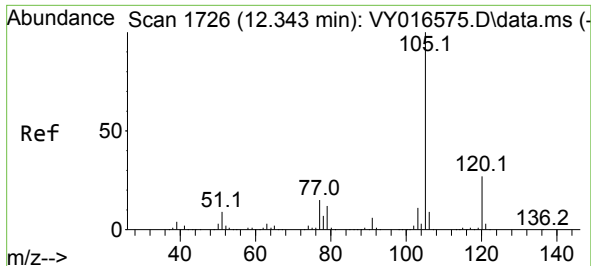
Tgt Ion:173 Resp: 25538
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion:152 Resp: 120364
Ion Ratio Lower Upper
152 100
115 56.4 28.8 86.5
150 162.8 0.0 348.8

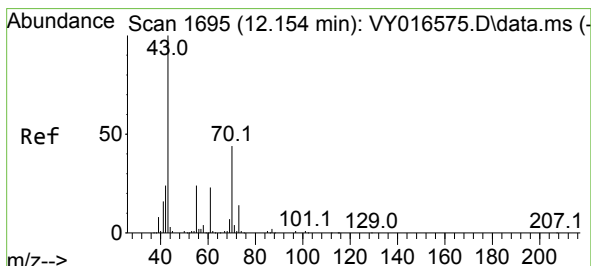
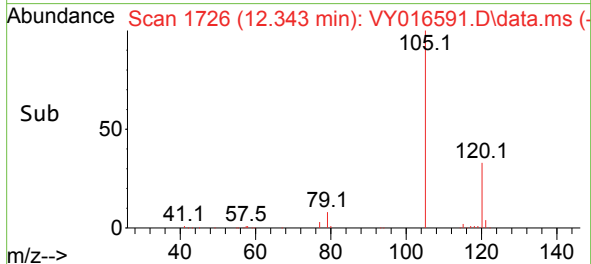
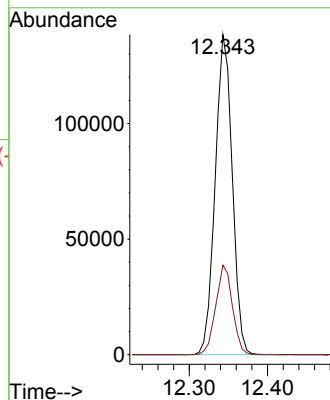
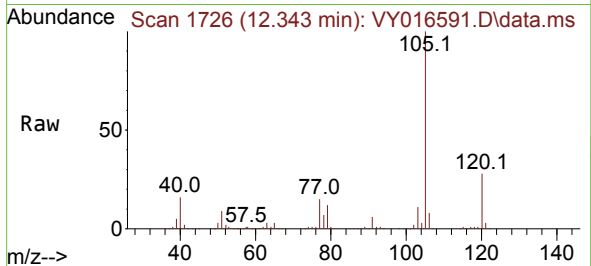




#73
Isopropylbenzene
Concen: 23.530 ug/l
RT: 12.343 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

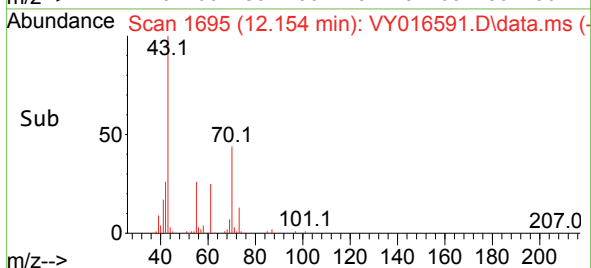
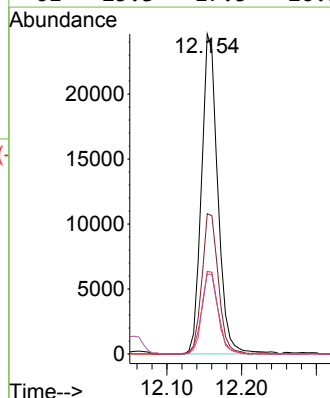
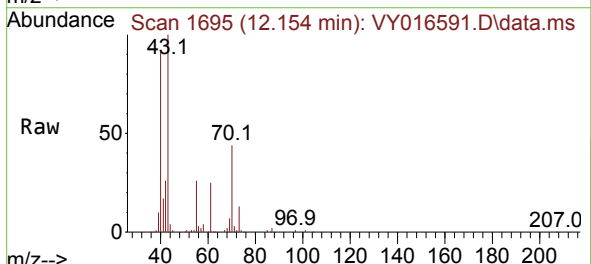
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

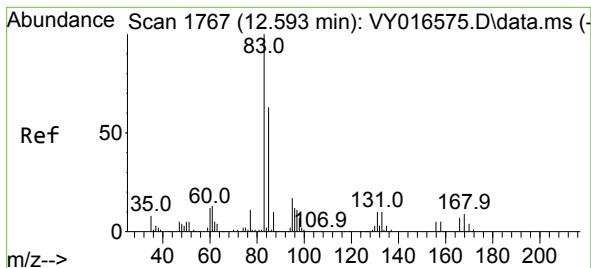
Tgt Ion:105 Resp: 209710
Ion Ratio Lower Upper
105 100
120 27.3 13.3 39.9



#74
N-ethyl acetate
Concen: 20.984 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 43 Resp: 37292
Ion Ratio Lower Upper
43 100
70 44.1 29.7 44.5
55 26.1 18.3 27.5
61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.988 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

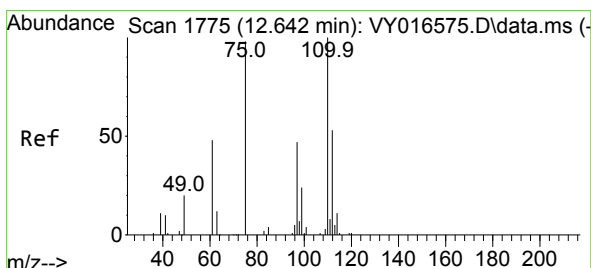
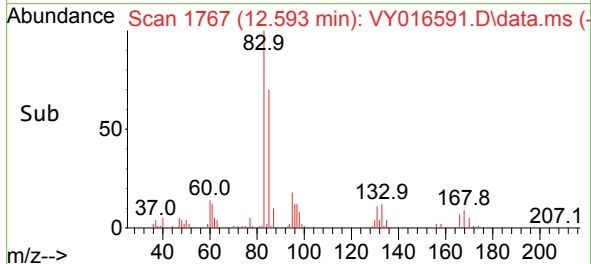
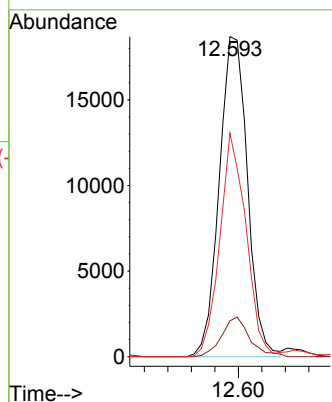
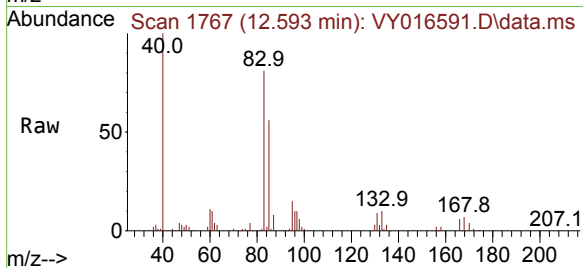
Tgt Ion: 83 Resp: 31170

Ion Ratio Lower Upper

83 100

131 12.2 5.4 16.2

85 65.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 38.949 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. 0.006 min

Lab File: VY016591.D

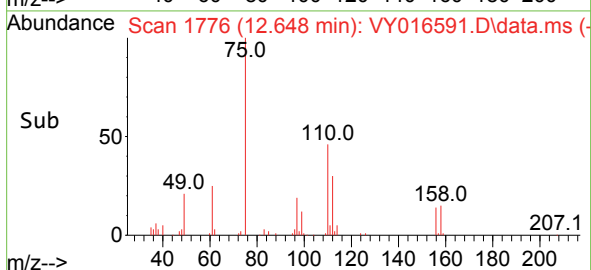
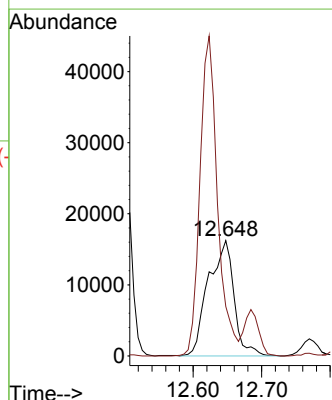
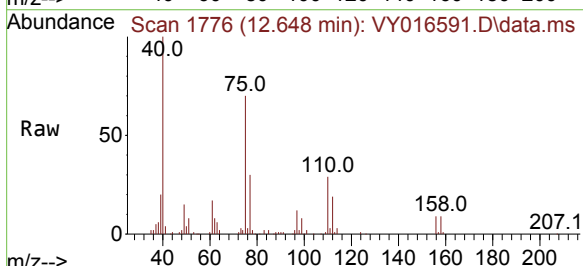
Acq: 05 Dec 2023 12:08

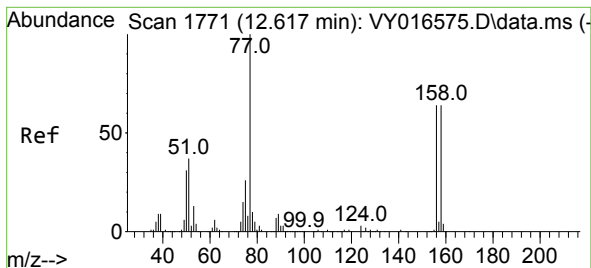
Tgt Ion: 75 Resp: 42349

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.864 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

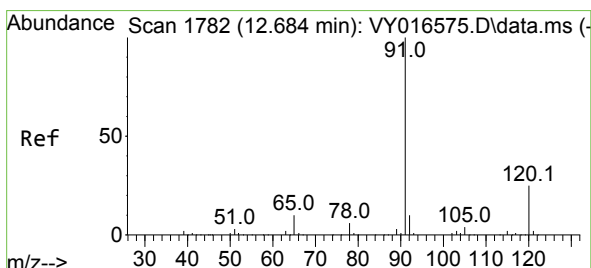
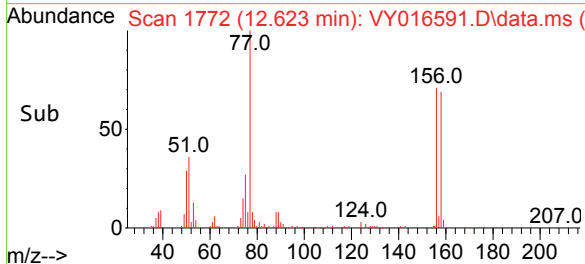
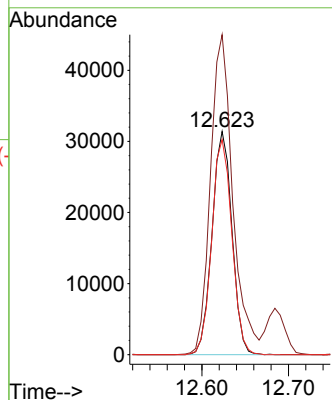
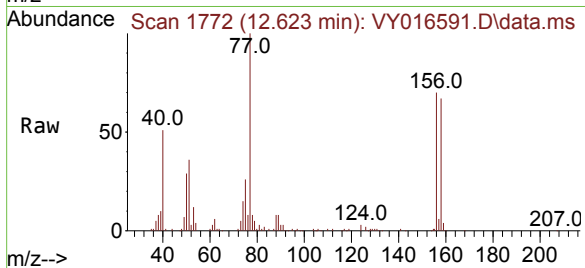
Tgt Ion:156 Resp: 50127

Ion Ratio Lower Upper

156 100

77 160.8 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 23.296 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VY016591.D

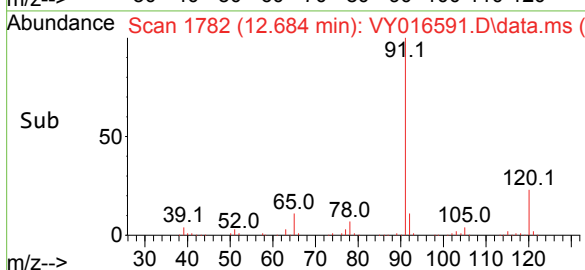
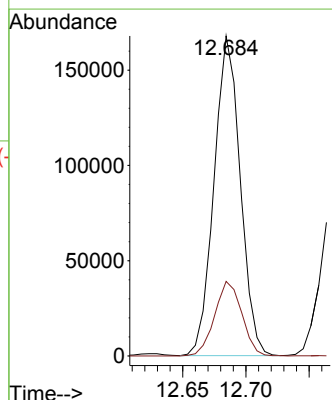
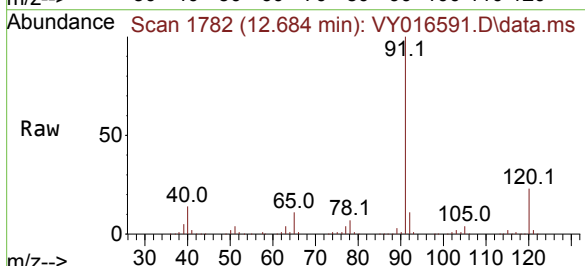
Acq: 05 Dec 2023 12:08

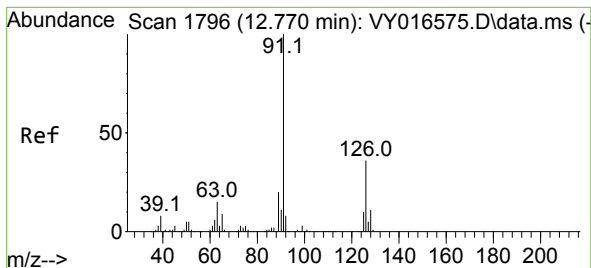
Tgt Ion: 91 Resp: 241662

Ion Ratio Lower Upper

91 100

120 24.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 23.181 ug/l

RT: 12.770 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

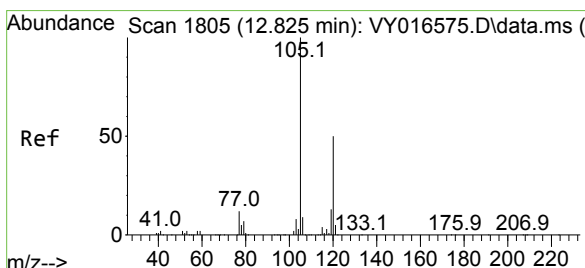
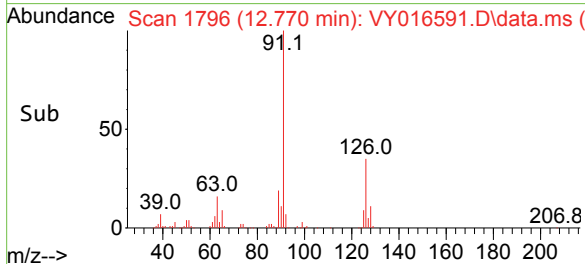
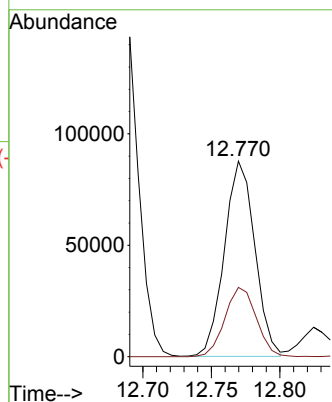
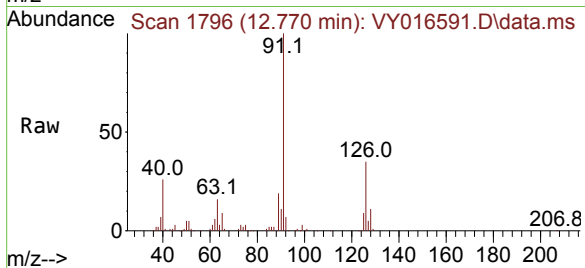
VY1205SBS01

Tgt Ion: 91 Resp: 135507

Ion Ratio Lower Upper

91 100

126 36.6 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 23.874 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VY016591.D

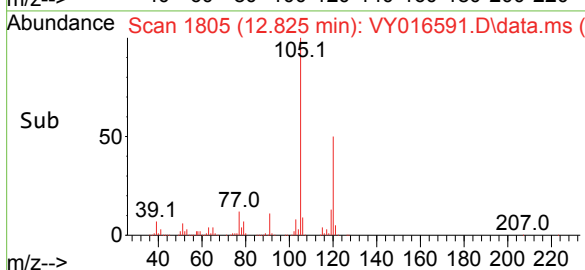
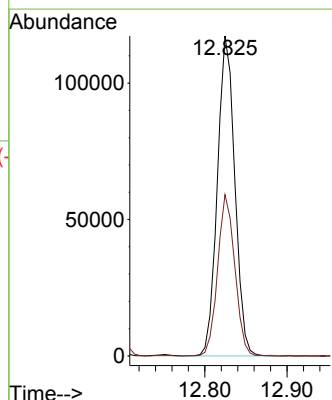
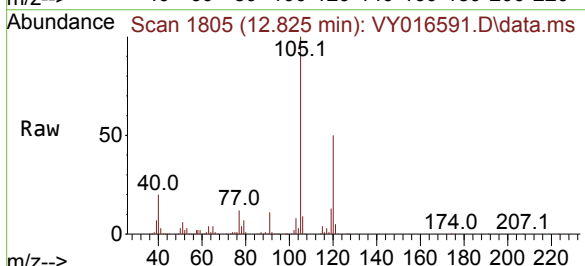
Acq: 05 Dec 2023 12:08

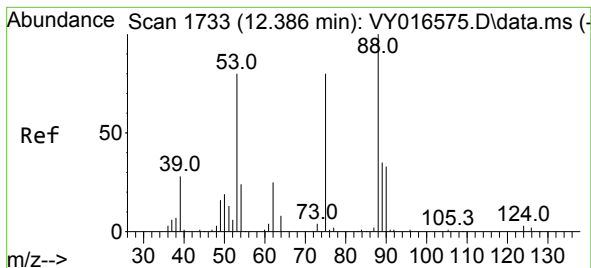
Tgt Ion:105 Resp: 172894

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

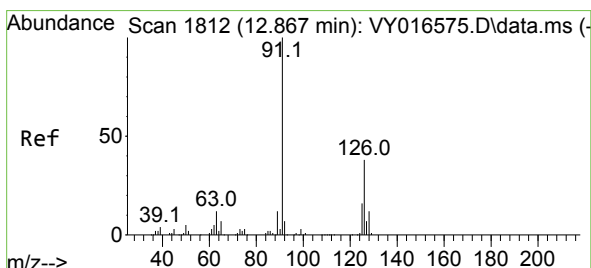
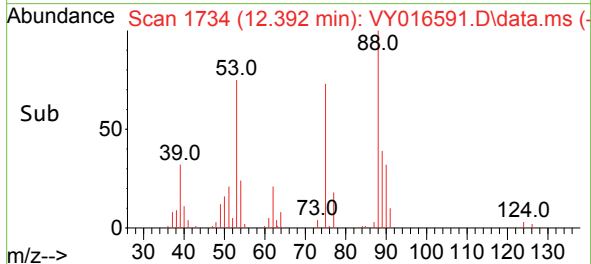
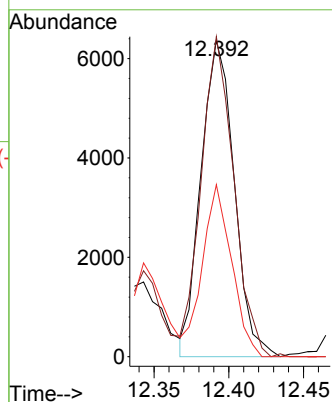
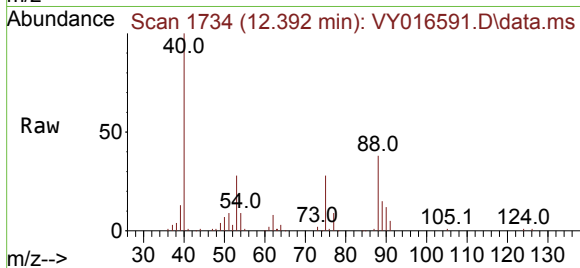




#81
trans-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

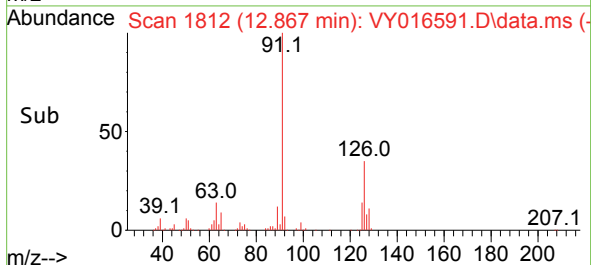
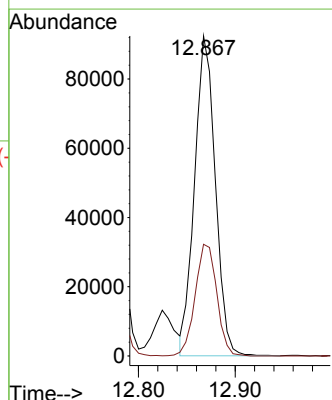
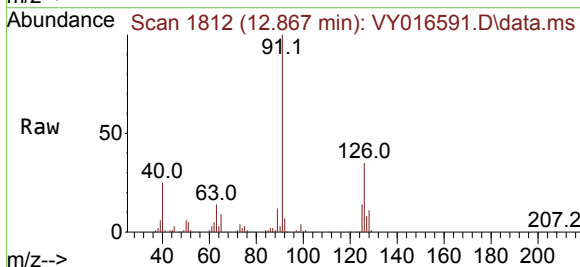
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

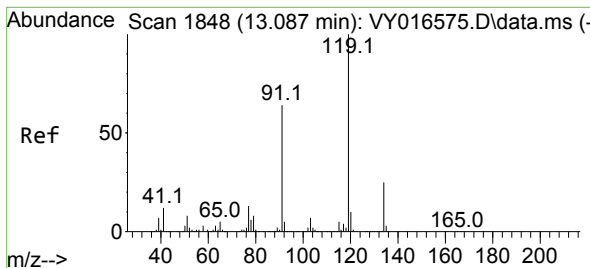
Tgt Ion: 75 Resp: 9808
Ion Ratio Lower Upper
75 100
53 99.3 77.8 116.8
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.768 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 91 Resp: 137717
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 24.233 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

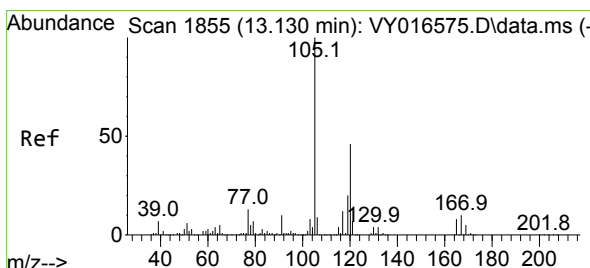
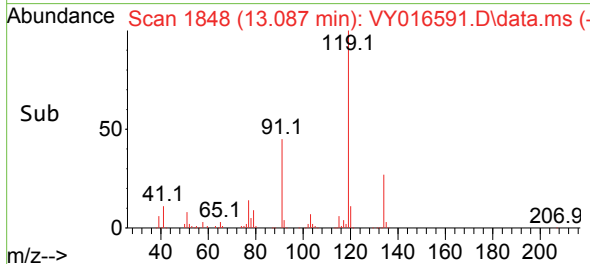
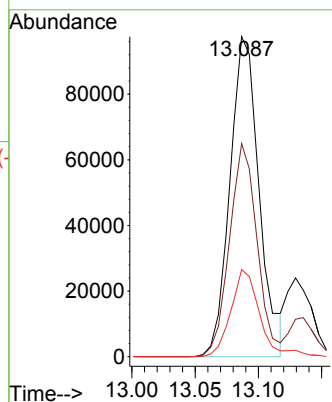
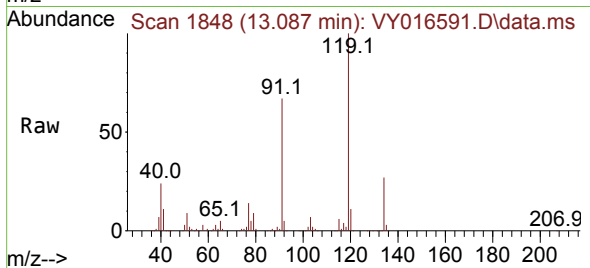
Tgt Ion:119 Resp: 156803

Ion Ratio Lower Upper

119 100

91 63.0 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 23.687 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VY016591.D

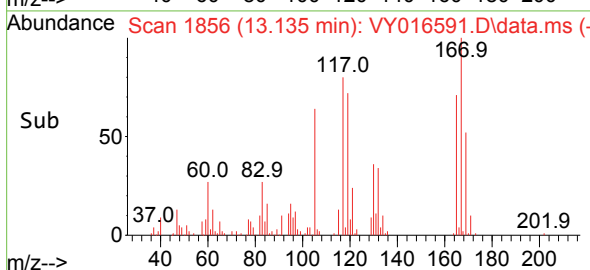
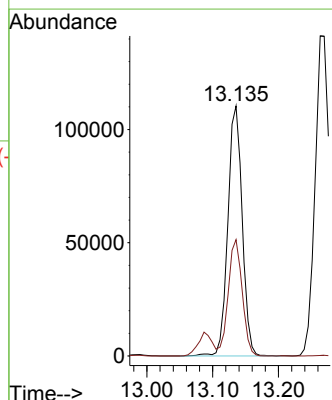
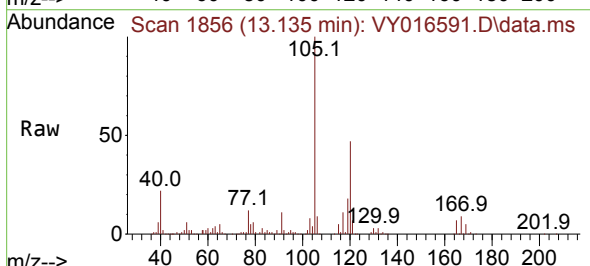
Acq: 05 Dec 2023 12:08

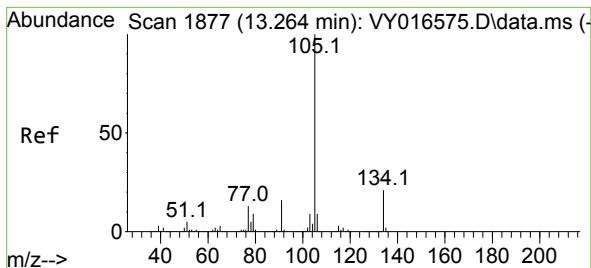
Tgt Ion:105 Resp: 167555

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 23.824 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

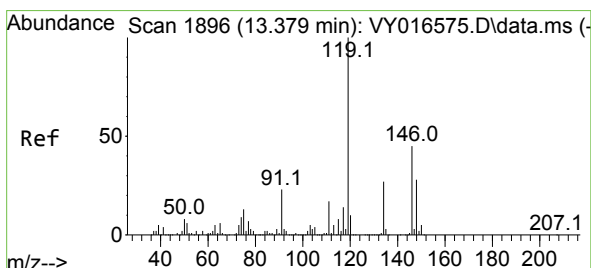
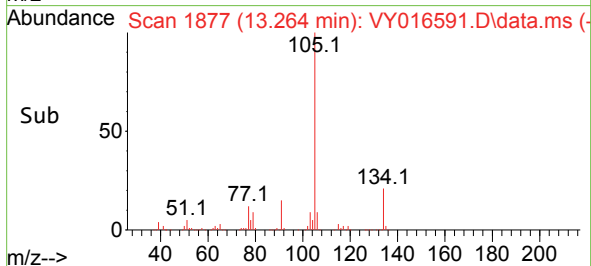
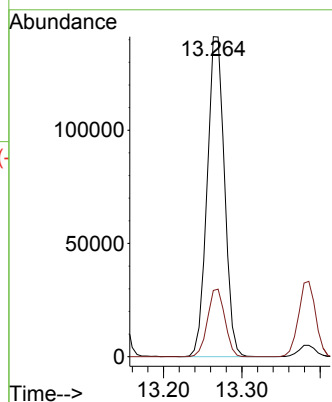
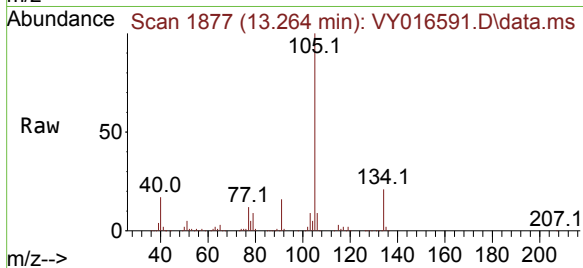
VY1205SBS01

Tgt Ion:105 Resp: 216504

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 23.703 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

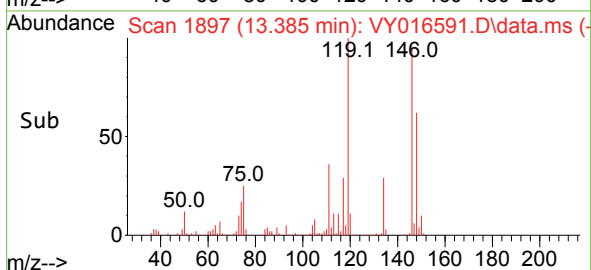
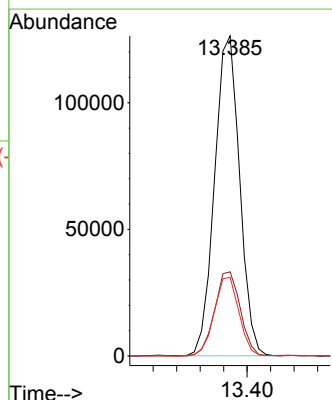
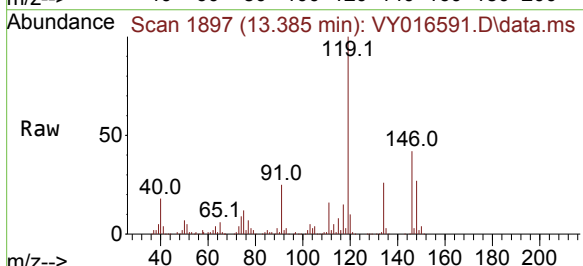
Tgt Ion:119 Resp: 186991

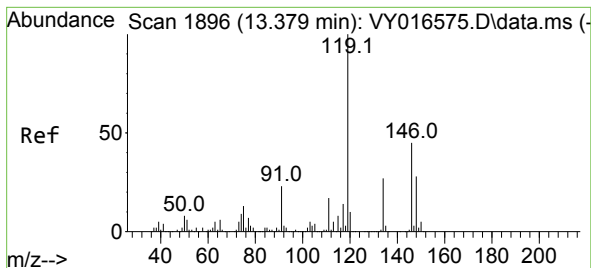
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 24.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 23.690 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

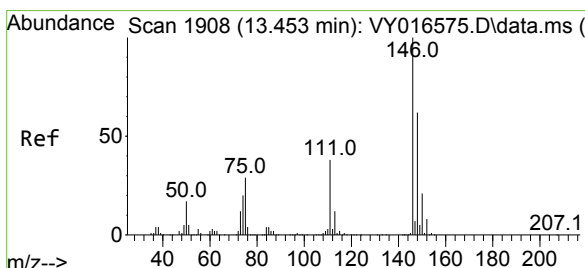
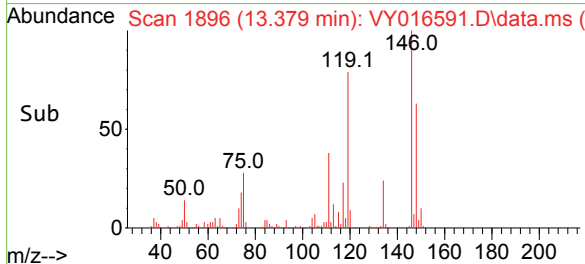
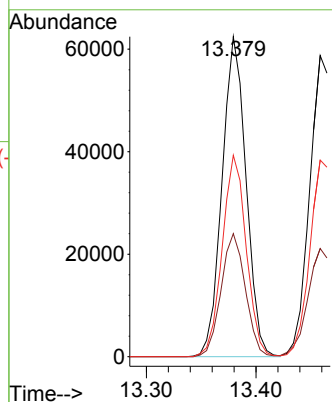
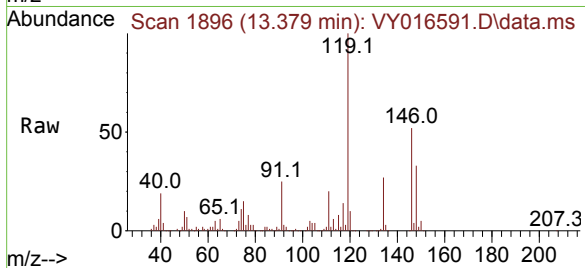
Tgt Ion:146 Resp: 94992

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 62.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 23.490 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

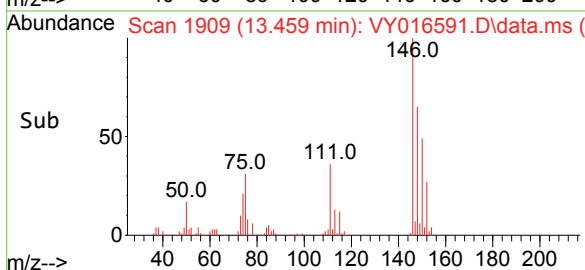
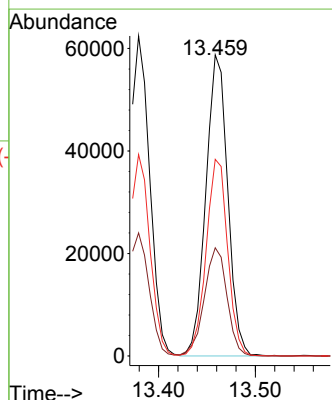
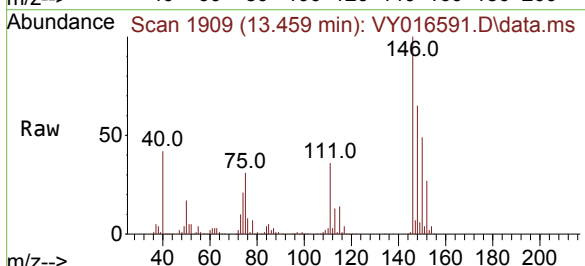
Tgt Ion:146 Resp: 92439

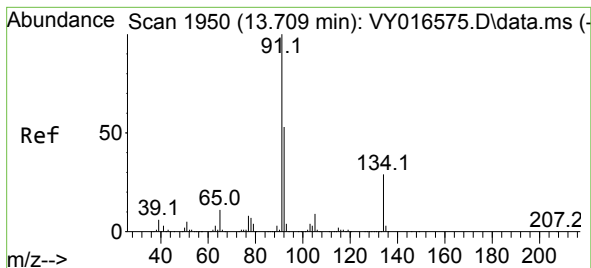
Ion Ratio Lower Upper

146 100

111 37.4 18.9 56.7

148 64.4 32.1 96.5

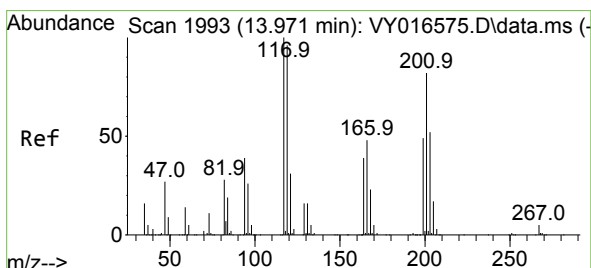
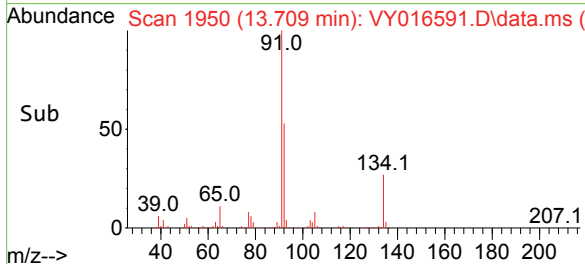
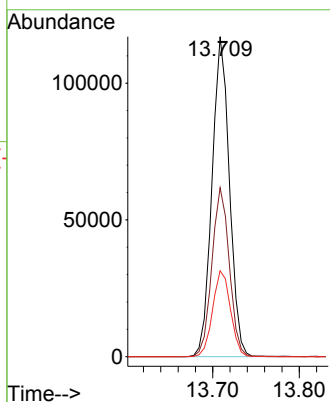
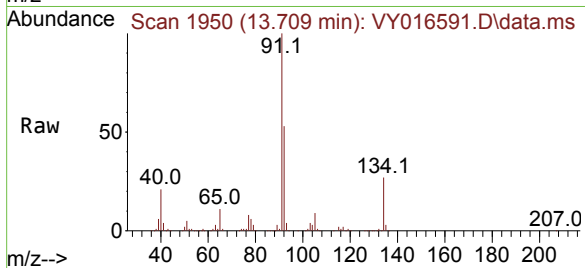




#89
n-Butylbenzene
Concen: 23.034 ug/l
RT: 13.709 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

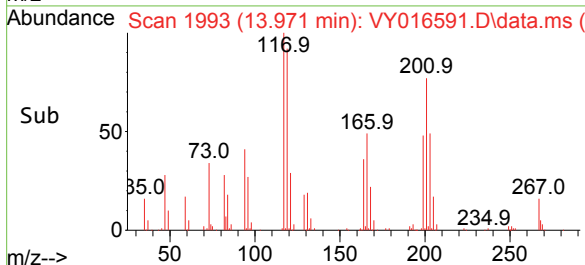
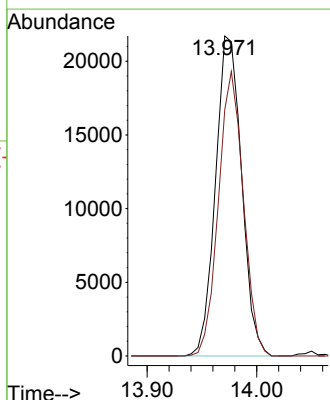
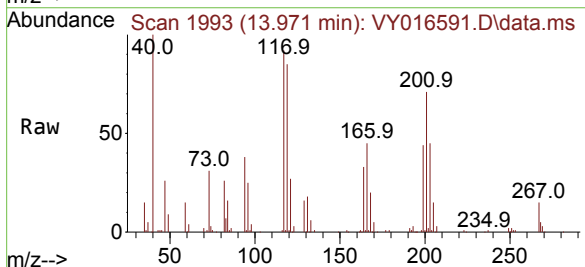
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

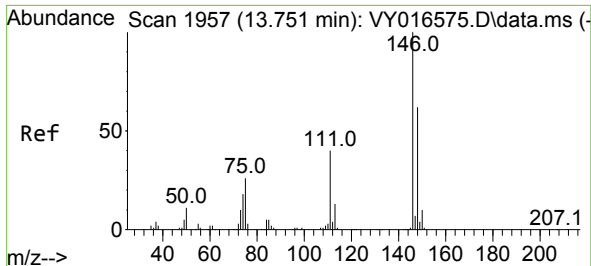
Tgt Ion: 91 Resp: 163411
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 27.5 12.6 37.6



#90
Hexachloroethane
Concen: 23.129 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 117 Resp: 35901
Ion Ratio Lower Upper
117 100
201 84.8 41.6 124.8

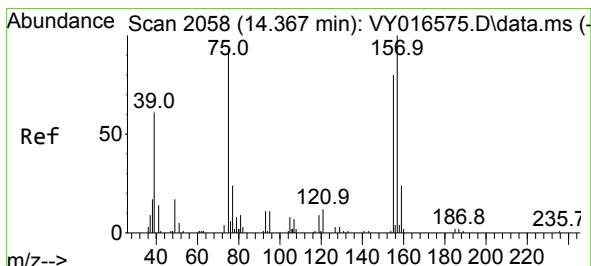
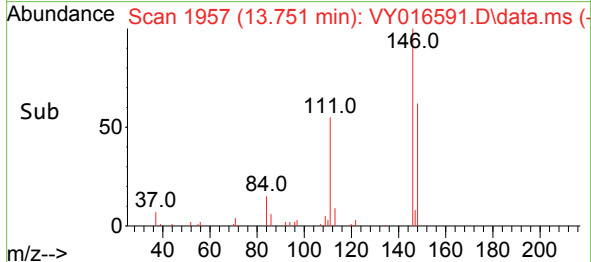
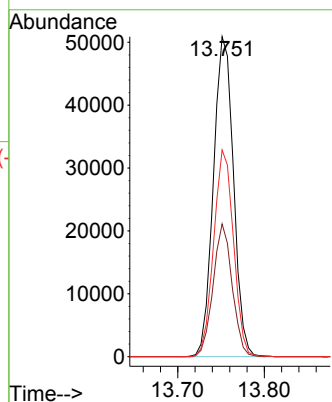
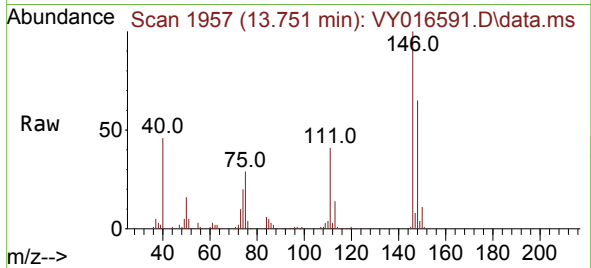




#91
1,2-Dichlorobenzene
Concen: 23.787 ug/l
RT: 13.751 min Scan# 1957
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

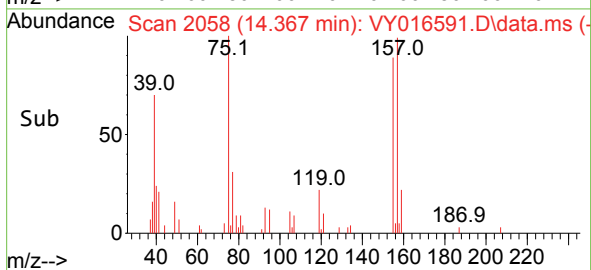
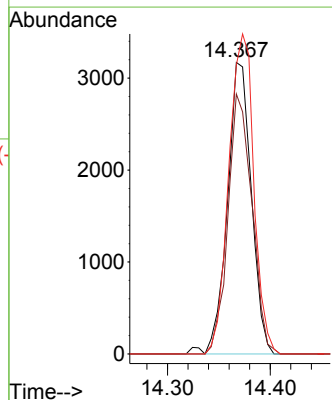
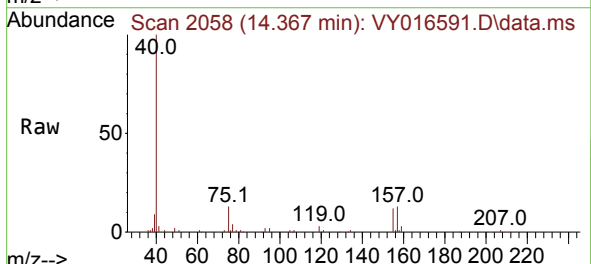
Instrument :
MSVOA_Y
ClientSampleId :
VY1205SBS01

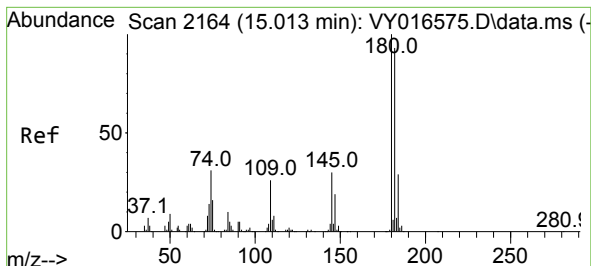
Tgt Ion:146	Resp:	81889
Ion	Ratio	Lower Upper
146	100	
111	39.4	19.7 59.0
148	63.9	32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.636 ug/l
RT: 14.367 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VY016591.D
Acq: 05 Dec 2023 12:08

Tgt Ion: 75	Resp:	5135
Ion	Ratio	Lower Upper
75	100	
155	89.3	41.5 124.6
157	114.5	51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 23.036 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

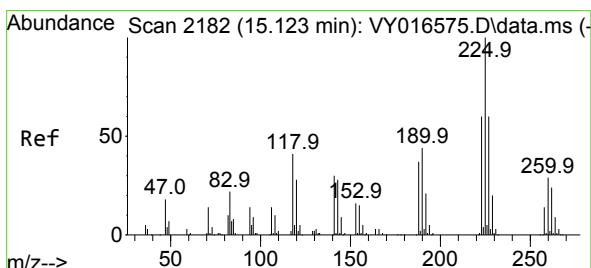
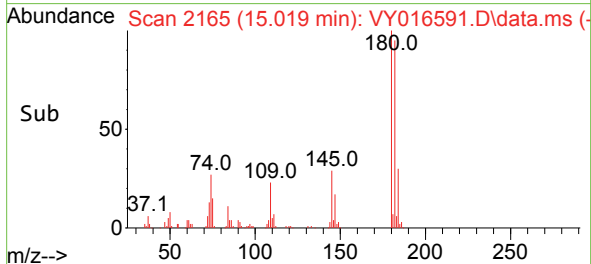
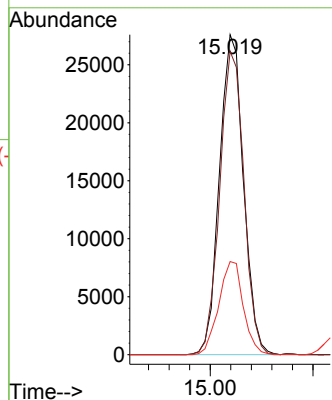
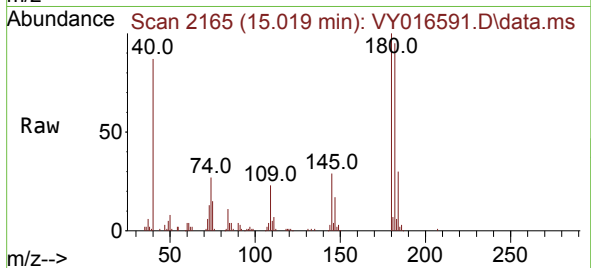
Tgt Ion:180 Resp: 44751

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 29.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 24.845 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

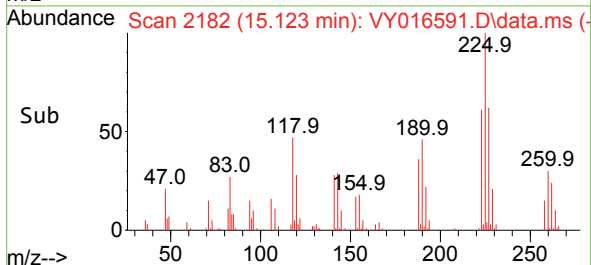
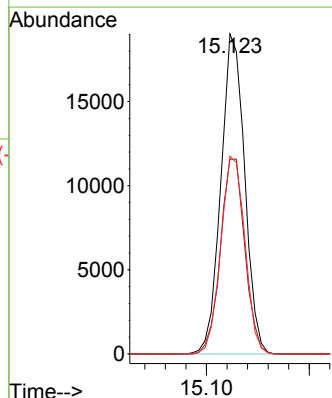
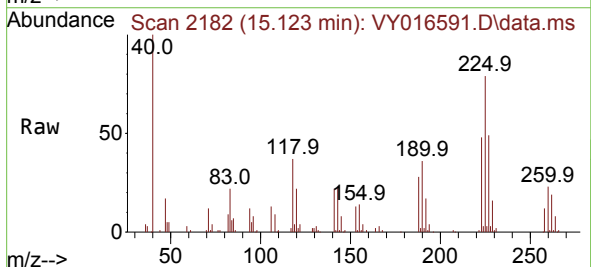
Tgt Ion:225 Resp: 30493

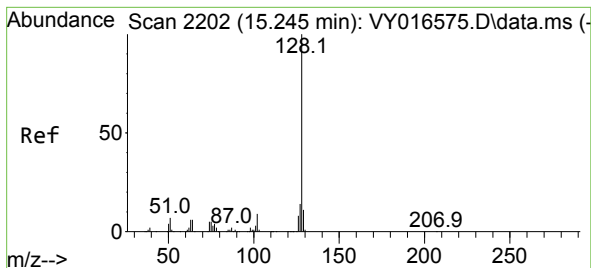
Ion Ratio Lower Upper

225 100

223 62.3 31.9 95.9

227 62.6 33.0 98.9





#95

Naphthalene

Concen: 24.442 ug/l

RT: 15.251 min Scan# 2202

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Instrument :

MSVOA_Y

ClientSampleId :

VY1205SBS01

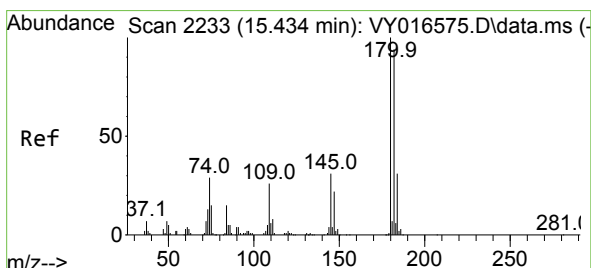
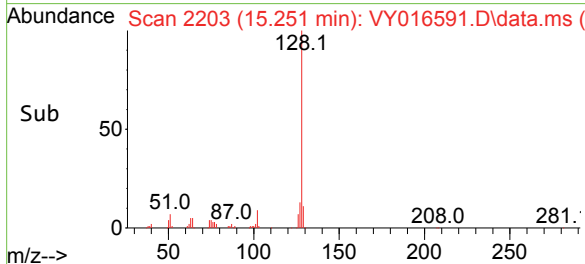
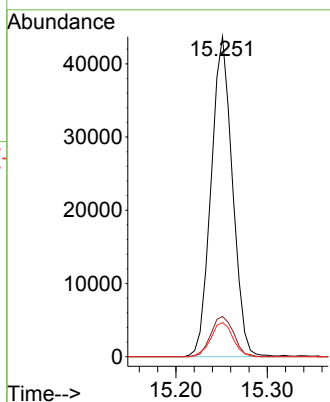
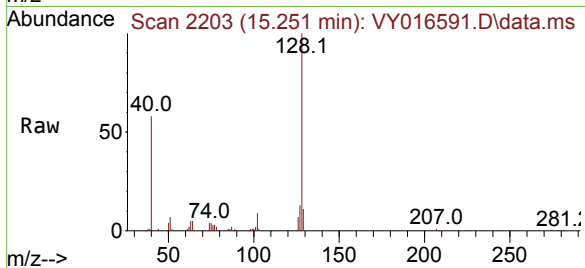
Tgt Ion:128 Resp: 70742

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 25.345 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016591.D

Acq: 05 Dec 2023 12:08

Tgt Ion:180 Resp: 36270

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.8

145 29.1 15.4 46.2

