

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016583.D
 Acq On : 04 Dec 2023 17:42
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:30:30 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	7.801	168	228052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	350735	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	303872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	147542	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	105651	50.124	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.728	113	104523	49.520	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.040%			
50) Toluene-d8	10.191	98	396287	49.635	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.280%			
62) 4-Bromofluorobenzene	12.489	95	133852	50.981	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	45523	22.598	ug/l	98
3) Chloromethane	2.119	50	44347	21.221	ug/l	98
4) Vinyl Chloride	2.260	62	43338	20.536	ug/l	93
5) Bromomethane	2.656	94	27585	20.867	ug/l	94
6) Chloroethane	2.802	64	26582	20.392	ug/l	89
7) Trichlorofluoromethane	3.137	101	84778	21.250	ug/l	99
8) Diethyl Ether	3.540	74	23108	20.797	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.912	101	47721	21.390	ug/l	99
10) Methyl Iodide	4.107	142	49823	21.136	ug/l	99
11) Tert butyl alcohol	4.973	59	16413	114.286	ug/l #	80
12) 1,1-Dichloroethene	3.887	96	43033	21.233	ug/l	89
13) Acrolein	3.741	56	22305	106.831	ug/l	99
14) Allyl chloride	4.497	41	65599	21.209	ug/l	96
15) Acrylonitrile	5.180	53	47224	105.301	ug/l	99
16) Acetone	3.961	43	54529	114.322	ug/l	93
17) Carbon Disulfide	4.210	76	118198	20.802	ug/l	97
18) Methyl Acetate	4.491	43	37689	19.934	ug/l	95
19) Methyl tert-butyl Ether	5.235	73	107835	21.645	ug/l	99
20) Methylene Chloride	4.735	84	49237	21.495	ug/l	91
21) trans-1,2-Dichloroethene	5.235	96	49025	21.511	ug/l	92
22) Diisopropyl ether	6.137	45	139195	21.882	ug/l	90
23) Vinyl Acetate	6.076	43	336144	110.078	ug/l	95
24) 1,1-Dichloroethane	6.033	63	83853	21.457	ug/l	96
25) 2-Butanone	7.003	43	74310	113.298	ug/l	94
26) 2,2-Dichloropropane	6.997	77	76989	20.956	ug/l	97
27) cis-1,2-Dichloroethene	7.003	96	54097	21.564	ug/l	94
28) Bromochloromethane	7.350	49	31636	19.986	ug/l	87
29) Tetrahydrofuran	7.368	42	39840	106.541	ug/l	93
30) Chloroform	7.521	83	89128	21.396	ug/l	98
31) Cyclohexane	7.801	56	73407	20.400	ug/l	86
32) 1,1,1-Trichloroethane	7.716	97	83939	21.291	ug/l	98
36) 1,1-Dichloropropene	7.935	75	67089	20.909	ug/l	98
37) Ethyl Acetate	7.088	43	29440	21.928	ug/l #	97
38) Carbon Tetrachloride	7.917	117	78716	21.192	ug/l	96
39) Methylcyclohexane	9.197	83	80671	20.868	ug/l	94
40) Benzene	8.173	78	188754	20.871	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
 Data File : VY016583.D
 Acq On : 04 Dec 2023 17:42
 Operator : SY/MD
 Sample : VY1204SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

Quant Time: Dec 05 01:30:30 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	7.362	41	38933	50.210	ug/l #	17
42) 1,2-Dichloroethane	8.252	62	55254	21.041	ug/l	96
43) Isopropyl Acetate	8.289	43	54982	21.229	ug/l #	92
44) Trichloroethene	8.954	130	56744	20.806	ug/l	91
45) 1,2-Dichloropropane	9.228	63	45767	21.020	ug/l	99
46) Dibromomethane	9.313	93	24801	20.778	ug/l	96
47) Bromodichloromethane	9.508	83	66647	20.973	ug/l	99
48) Methyl methacrylate	9.307	41	31748	21.225	ug/l	93
49) 1,4-Dioxane	9.313	88	5309	439.432	ug/l #	57
51) 4-Methyl-2-Pentanone	10.081	43	140444	104.343	ug/l	93
52) Toluene	10.252	92	121091	21.363	ug/l	94
53) t-1,3-Dichloropropene	10.472	75	62544	20.855	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	74689	21.206	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	35172	21.154	ug/l	95
56) Ethyl methacrylate	10.520	69	32241	21.154	ug/l #	90
57) 1,3-Dichloropropane	10.801	76	58999	21.005	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.795	63	96767	103.028	ug/l	91
59) 2-Hexanone	10.843	43	112932	110.912	ug/l	95
60) Dibromochloromethane	10.996	129	46566	20.961	ug/l	100
61) 1,2-Dibromoethane	11.099	107	33755	21.584	ug/l	99
64) Tetrachloroethene	10.728	164	57769	20.744	ug/l	99
65) Chlorobenzene	11.526	112	131511	21.367	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	50606	21.037	ug/l	99
67) Ethyl Benzene	11.605	91	234895	21.280	ug/l	100
68) m/p-Xylenes	11.715	106	179217	42.769	ug/l	95
69) o-Xylene	12.038	106	83060	21.234	ug/l	98
70) Styrene	12.057	104	119966	21.375	ug/l	100
71) Bromoform	12.215	173	27721	21.341	ug/l #	97
73) Isopropylbenzene	12.337	105	230017	21.054	ug/l	99
74) N-amyl acetate	12.154	43	45090	20.698	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.593	83	35908	20.665	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	49477	37.123	ug/l #	100
77) Bromobenzene	12.617	156	53917	20.940	ug/l	93
78) n-propylbenzene	12.678	91	272744	21.449	ug/l	99
79) 2-Chlorotoluene	12.764	91	150747	21.038	ug/l	98
80) 1,3,5-Trimethylbenzene	12.819	105	189756	21.376	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	11849	20.055	ug/l	98
82) 4-Chlorotoluene	12.867	91	156141	21.059	ug/l	97
83) tert-Butylbenzene	13.087	119	167654	21.138	ug/l	98
84) 1,2,4-Trimethylbenzene	13.130	105	185525	21.396	ug/l	98
85) sec-Butylbenzene	13.264	105	235789	21.166	ug/l	99
86) p-Isopropyltoluene	13.380	119	206827	21.388	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	104170	21.194	ug/l	99
88) 1,4-Dichlorobenzene	13.459	146	102260	21.199	ug/l	99
89) n-Butylbenzene	13.709	91	184115	21.172	ug/l	95
90) Hexachloroethane	13.971	117	38889	20.439	ug/l	99
91) 1,2-Dichlorobenzene	13.751	146	88586	20.992	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	5837	20.991	ug/l	89
93) 1,2,4-Trichlorobenzene	15.020	180	51368	21.572	ug/l	100
94) Hexachlorobutadiene	15.123	225	32998	21.933	ug/l	99
95) Naphthalene	15.245	128	85182	24.025	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	41132	23.499	ug/l	99

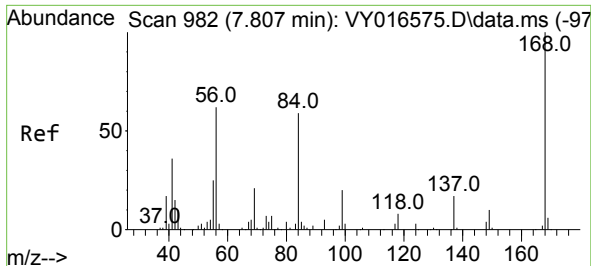
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120423\
Data File : VY016583.D
Acq On : 04 Dec 2023 17:42
Operator : SY/MD
Sample : VY1204SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

Quant Time: Dec 05 01:30:30 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)
----------	------	------	----------	------	-------	----------

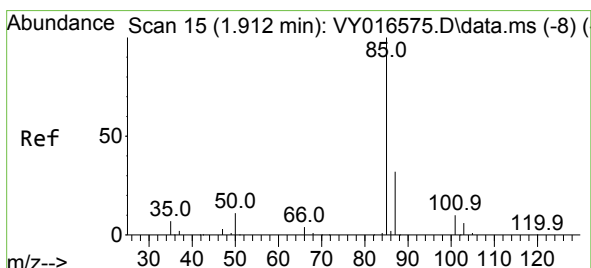
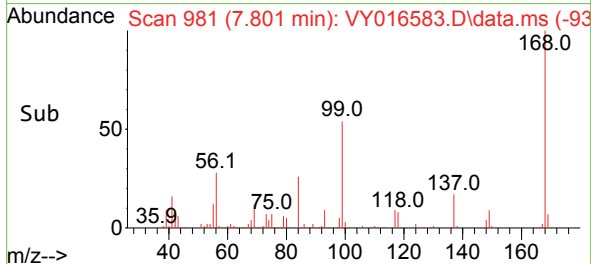
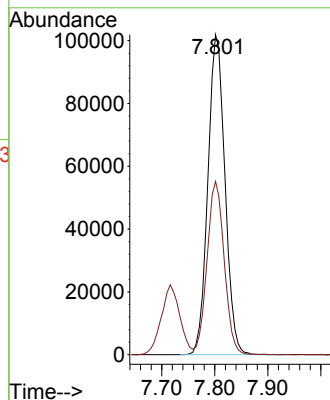
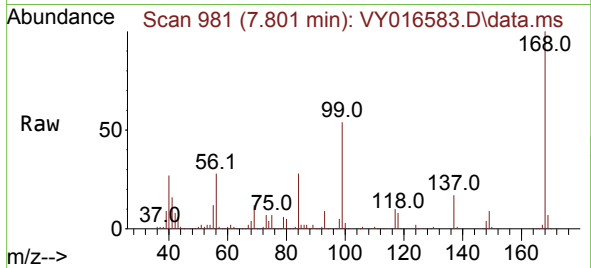
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

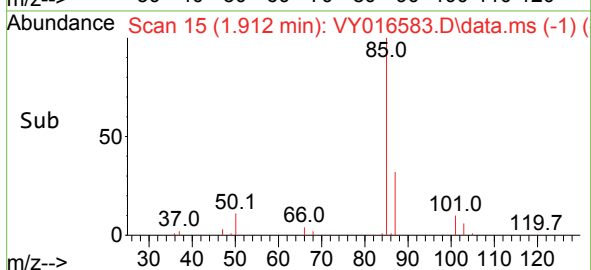
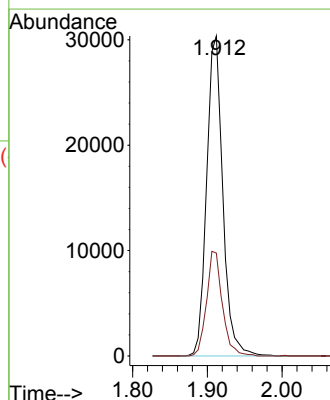
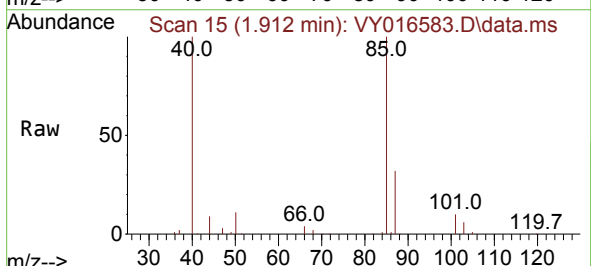
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

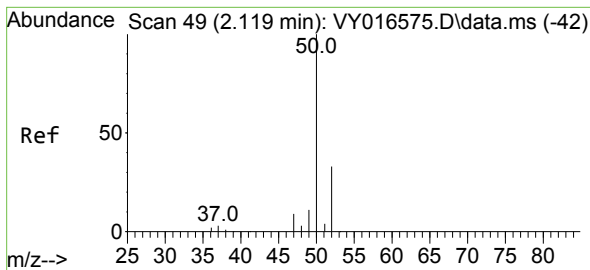
Tgt Ion:168 Resp: 228052
Ion Ratio Lower Upper
168 100
99 54.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 22.598 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 85 Resp: 45523
Ion Ratio Lower Upper
85 100
87 32.2 15.6 46.8





#3

Chloromethane

Concen: 21.221 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

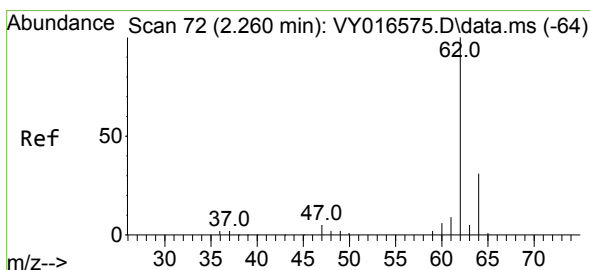
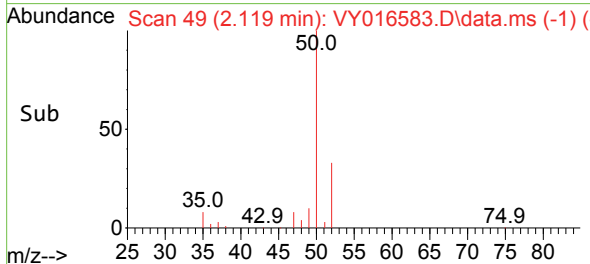
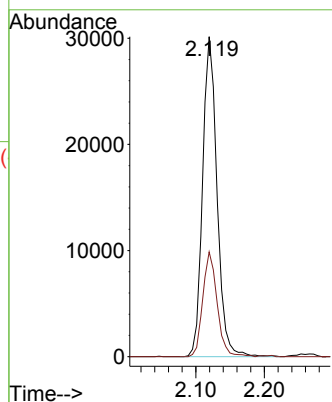
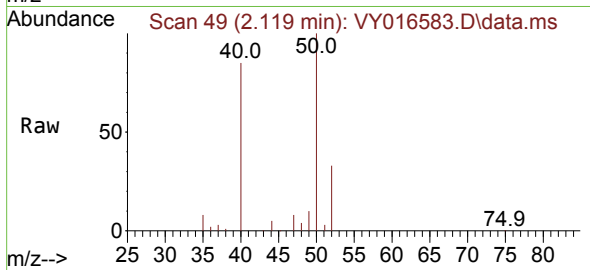
VY1204SBS01

Tgt Ion: 50 Resp: 44347

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 20.536 ug/l

RT: 2.260 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016583.D

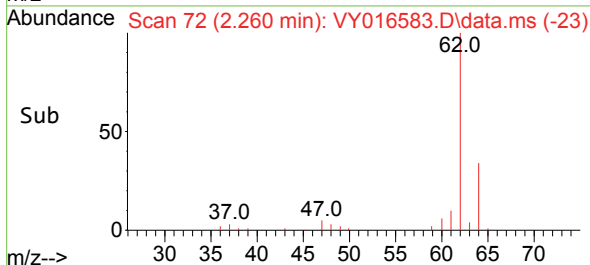
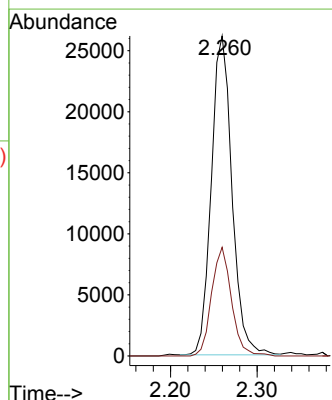
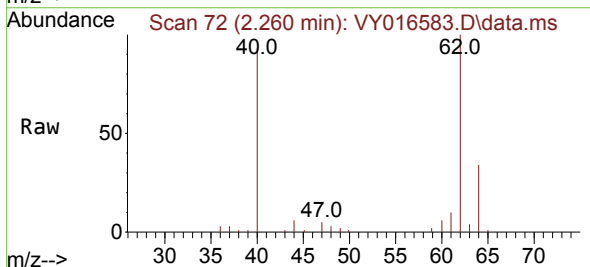
Acq: 04 Dec 2023 17:42

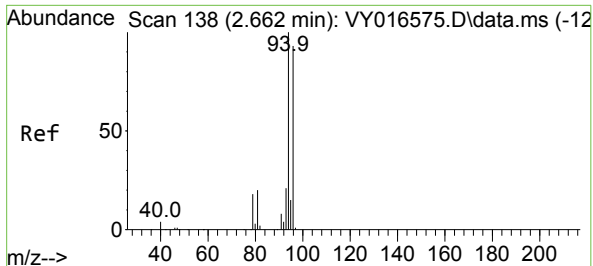
Tgt Ion: 62 Resp: 43338

Ion Ratio Lower Upper

62 100

64 34.1 24.3 36.5





#5

Bromomethane

Concen: 20.867 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

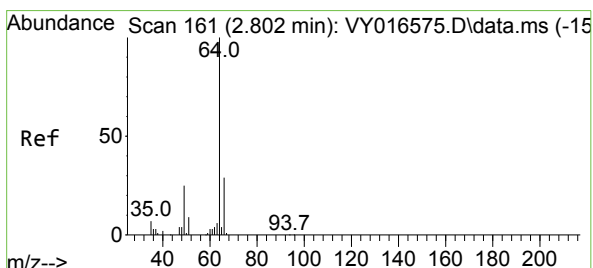
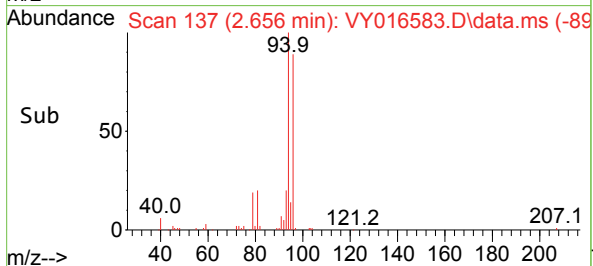
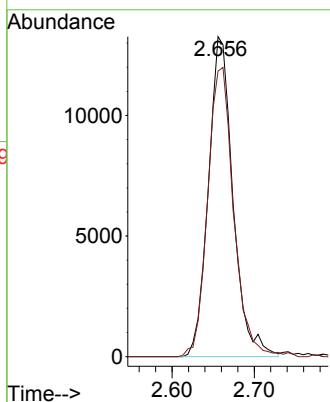
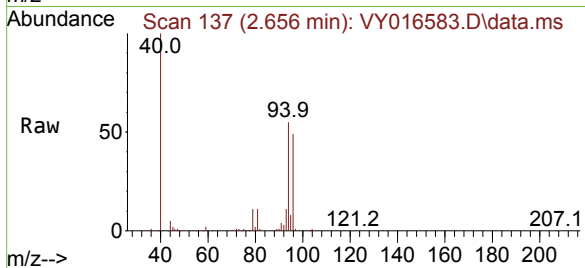
VY1204SBS01

Tgt Ion: 94 Resp: 27585

Ion Ratio Lower Upper

94 100

96 89.2 75.8 113.6



#6

Chloroethane

Concen: 20.392 ug/l

RT: 2.802 min Scan# 161

Delta R.T. 0.000 min

Lab File: VY016583.D

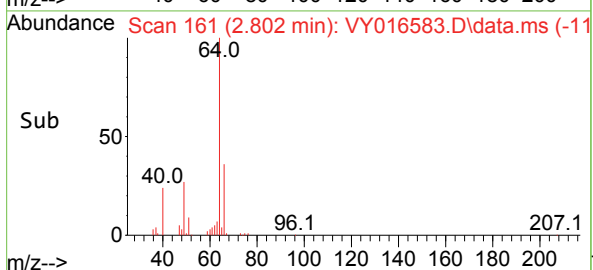
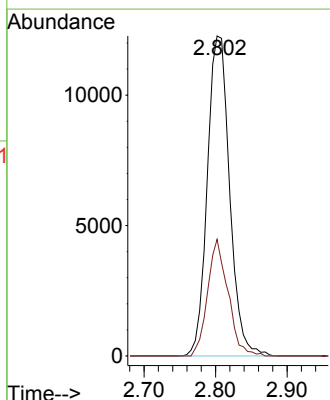
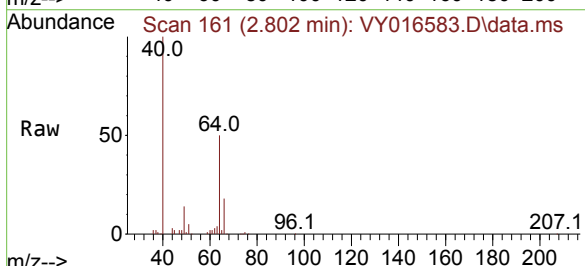
Acq: 04 Dec 2023 17:42

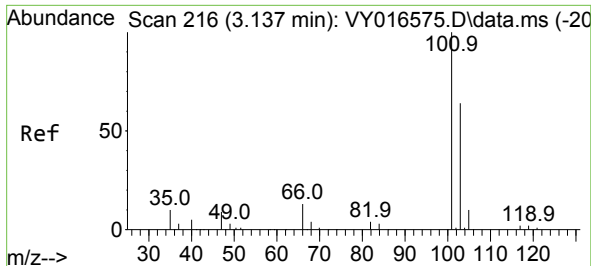
Tgt Ion: 64 Resp: 26582

Ion Ratio Lower Upper

64 100

66 36.5 24.4 36.6

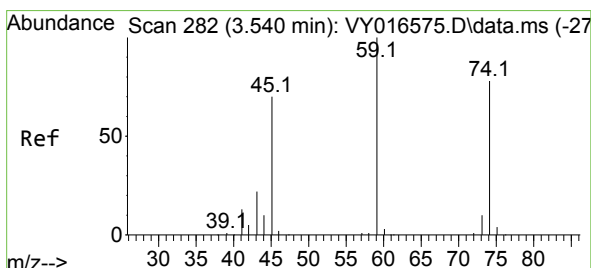
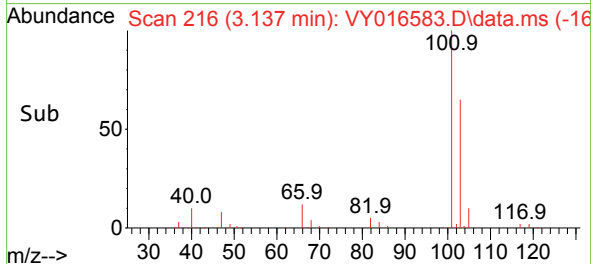
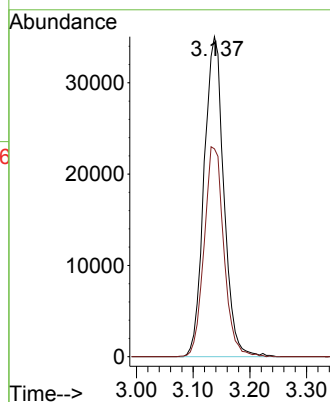
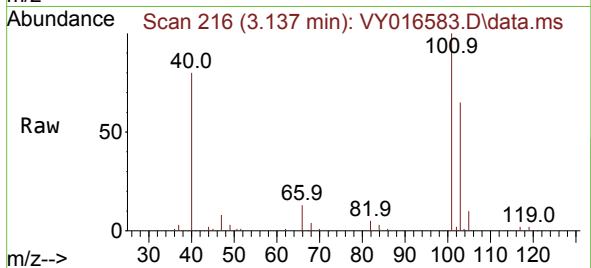




#7
 Trichlorofluoromethane
 Concen: 21.250 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

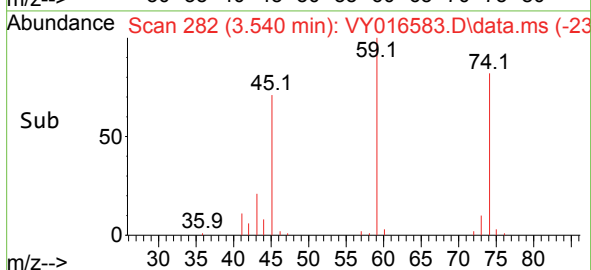
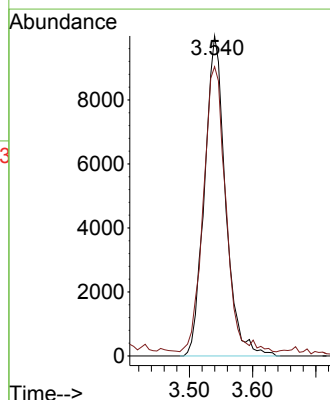
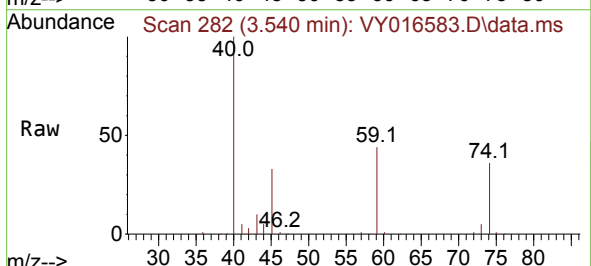
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

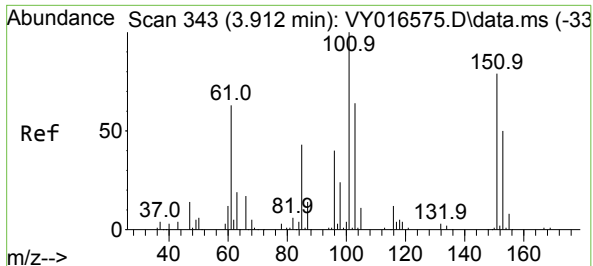
Tgt Ion:101 Resp: 84778
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.797 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

Tgt Ion: 74 Resp: 23108
 Ion Ratio Lower Upper
 74 100
 45 94.3 51.5 154.5

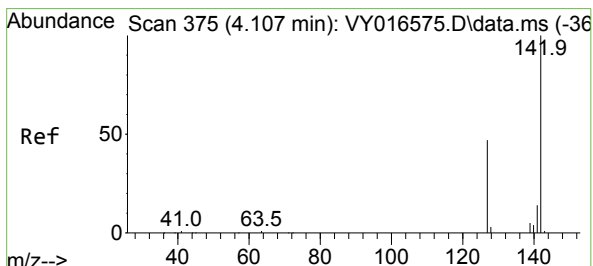
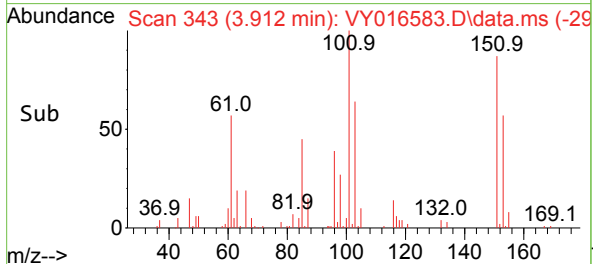
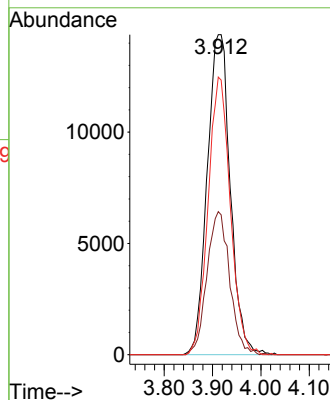
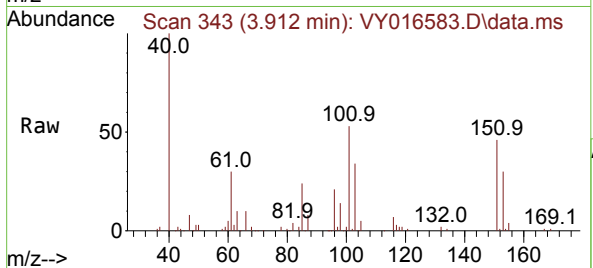




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.390 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

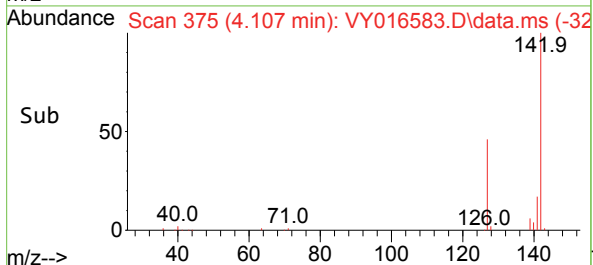
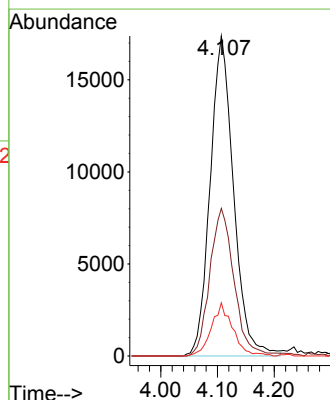
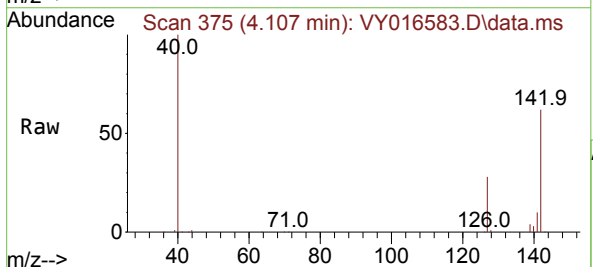
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

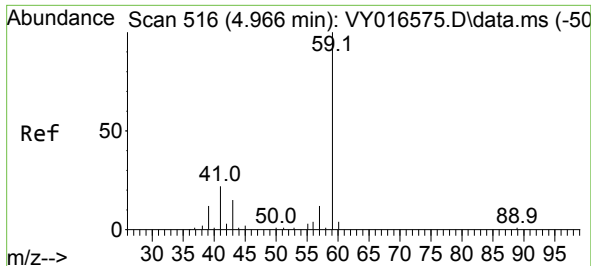
Tgt Ion:101 Resp: 47721
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 83.4 67.0 100.6



#10
Methyl Iodide
Concen: 21.136 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion:142 Resp: 49823
Ion Ratio Lower Upper
142 100
127 48.0 37.6 56.4
141 15.1 11.8 17.8

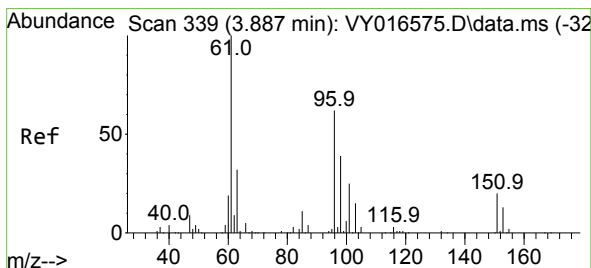
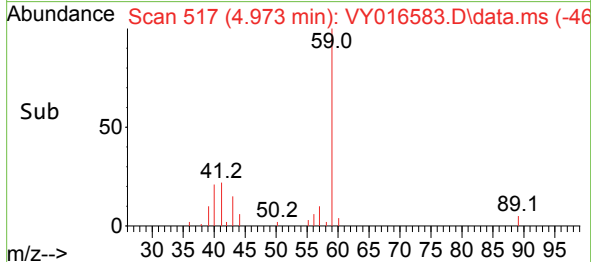
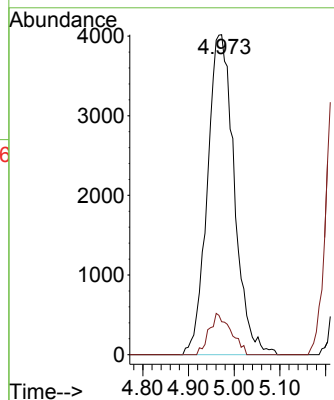
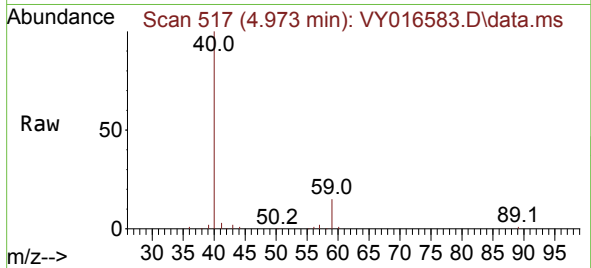




#11
Tert butyl alcohol
Concen: 114.286 ug/l
RT: 4.973 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

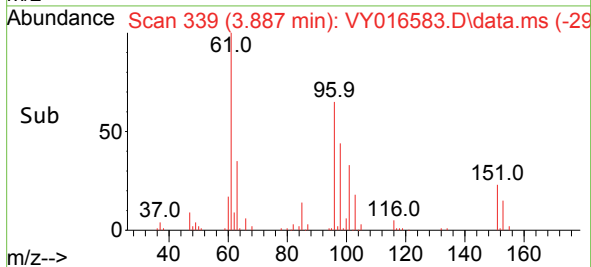
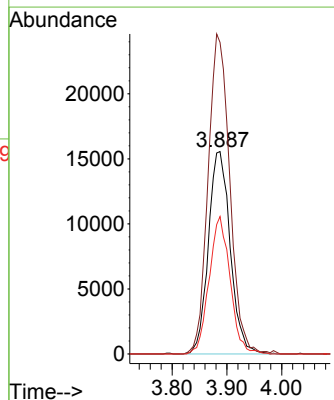
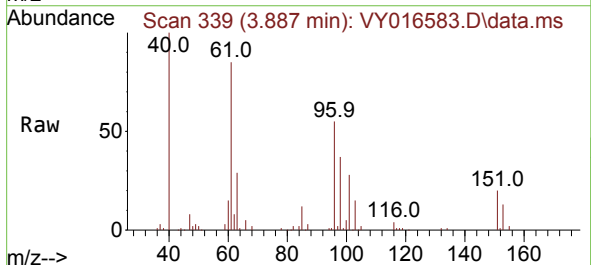
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

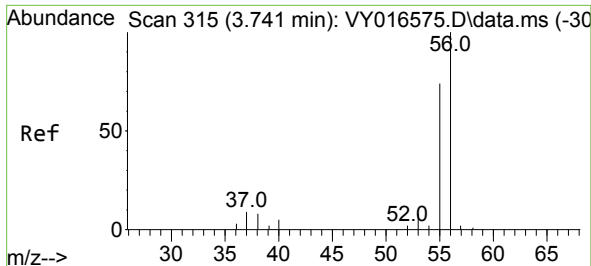
Tgt Ion: 59 Resp: 16413
Ion Ratio Lower Upper
59 100
57 10.4 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 21.233 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 96 Resp: 43033
Ion Ratio Lower Upper
96 100
61 154.0 136.4 204.6
98 67.9 49.4 74.2





#13

Acrolein

Concen: 106.831 ug/l

RT: 3.741 min Scan# 315

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

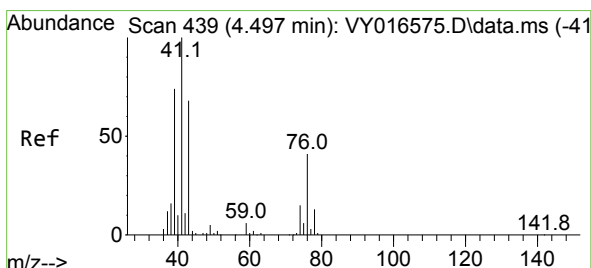
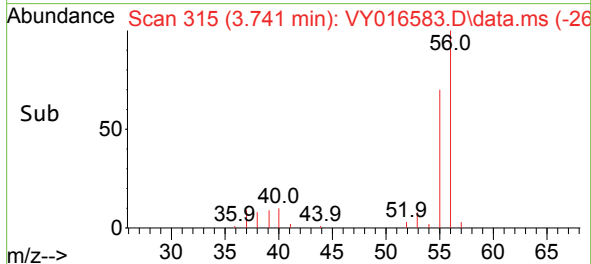
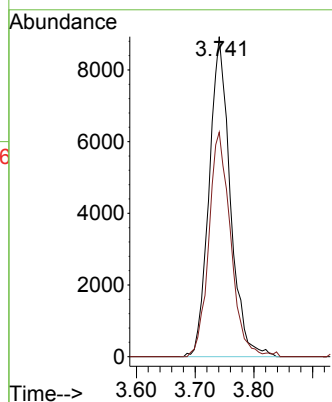
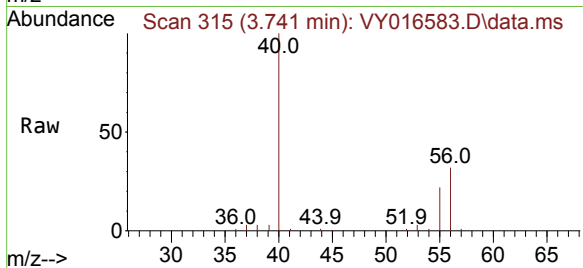
VY1204SBS01

Tgt Ion: 56 Resp: 22305

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 21.209 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

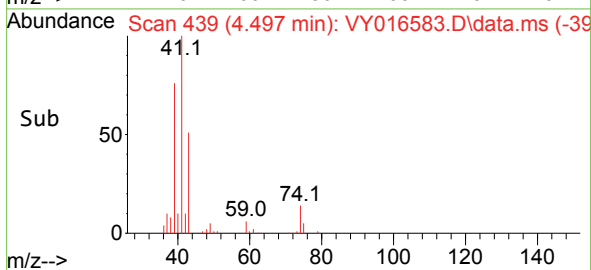
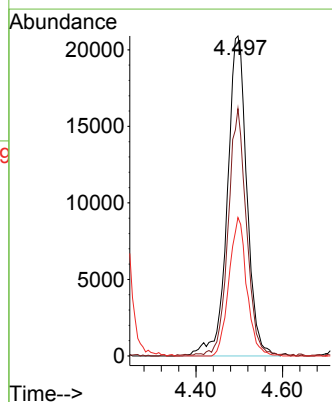
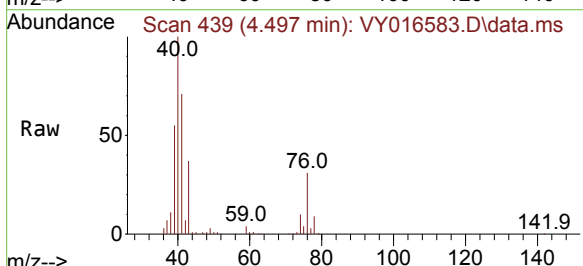
Tgt Ion: 41 Resp: 65599

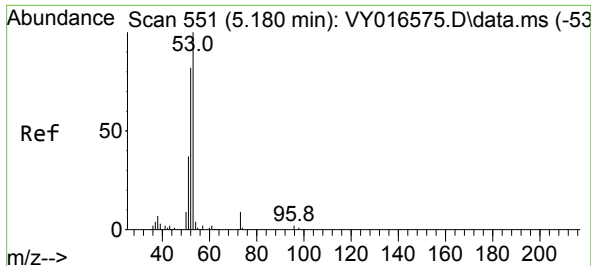
Ion Ratio Lower Upper

41 100

39 71.4 58.0 87.0

76 39.5 27.4 41.2

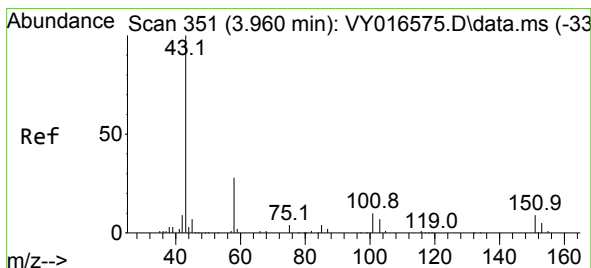
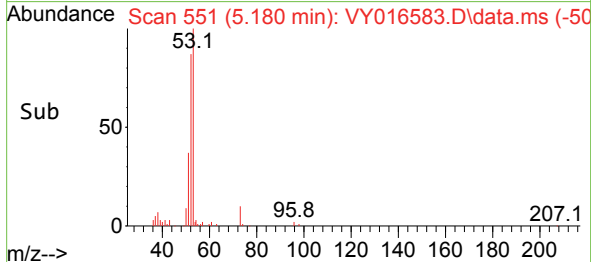
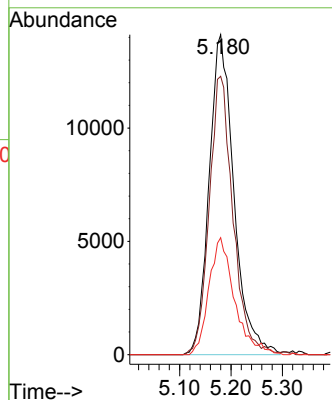
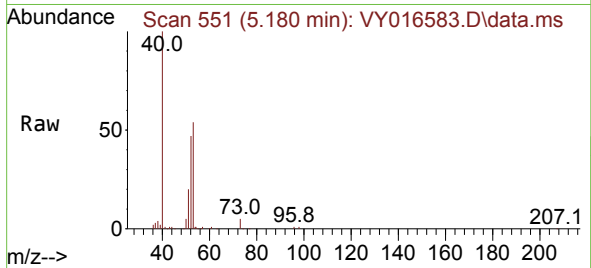




#15
Acrylonitrile
Concen: 105.301 ug/l
RT: 5.180 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

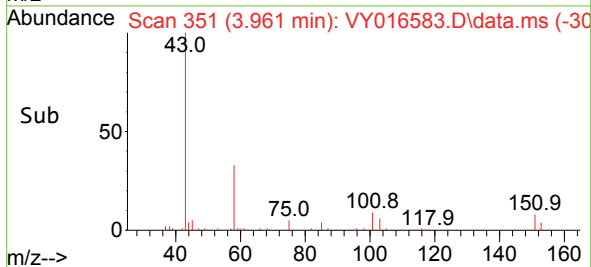
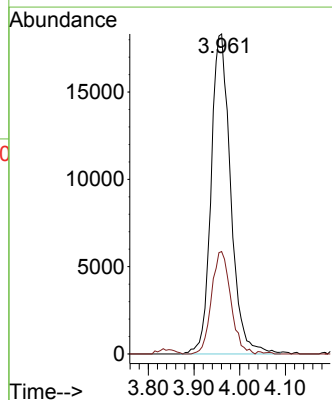
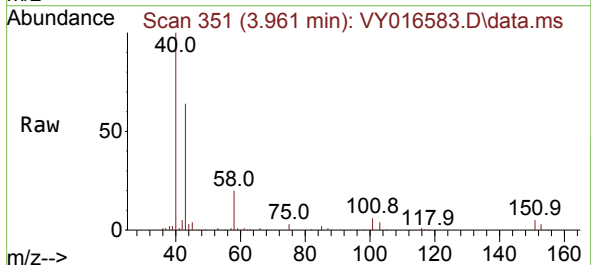
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

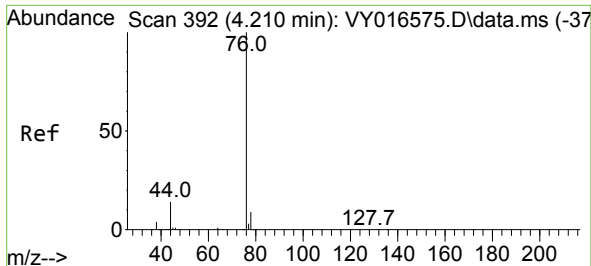
Tgt Ion: 53 Resp: 47224
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.8 29.8 44.6



#16
Acetone
Concen: 114.322 ug/l
RT: 3.961 min Scan# 351
Delta R.T. 0.001 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 43 Resp: 54529
Ion Ratio Lower Upper
43 100
58 32.0 22.7 34.1

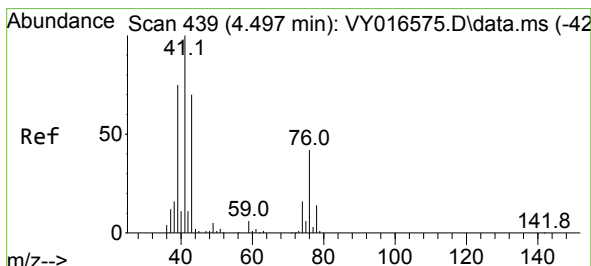
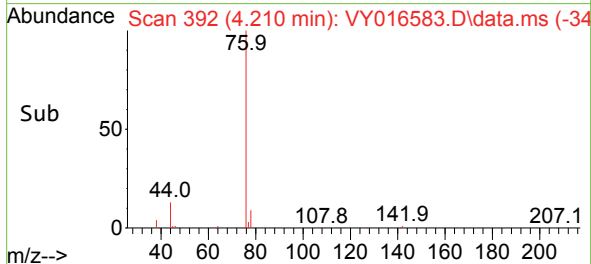
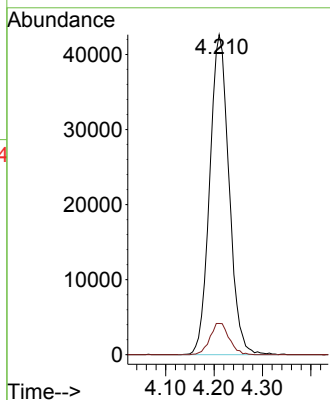
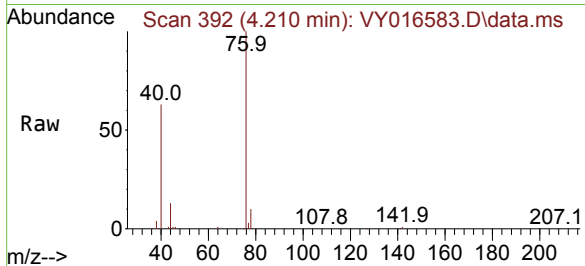




#17
Carbon Disulfide
Concen: 20.802 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

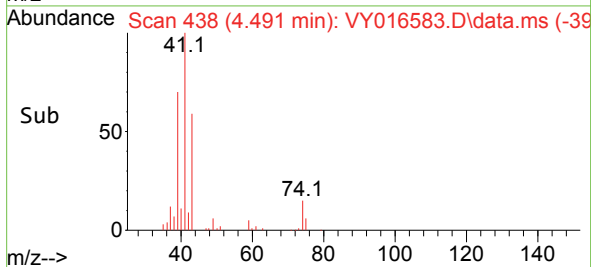
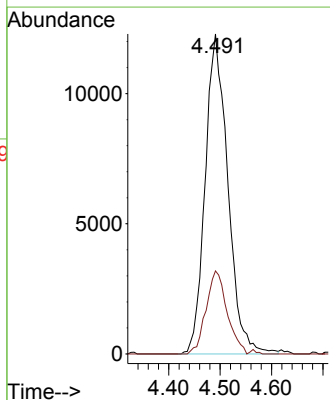
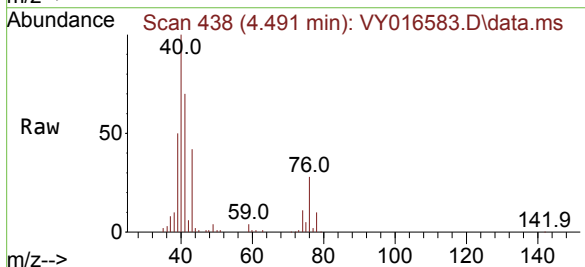
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

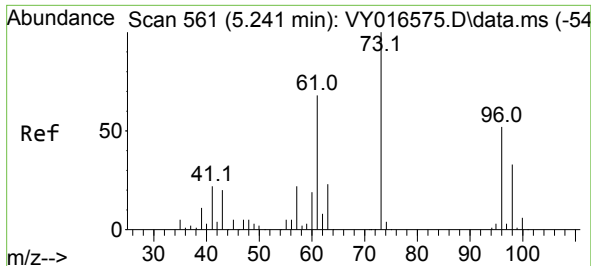
Tgt Ion: 76 Resp: 118198
Ion Ratio Lower Upper
76 100
78 9.8 7.0 10.4



#18
Methyl Acetate
Concen: 19.934 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 43 Resp: 37689
Ion Ratio Lower Upper
43 100
74 24.1 17.4 26.0

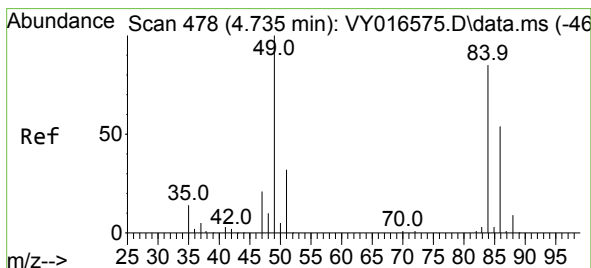
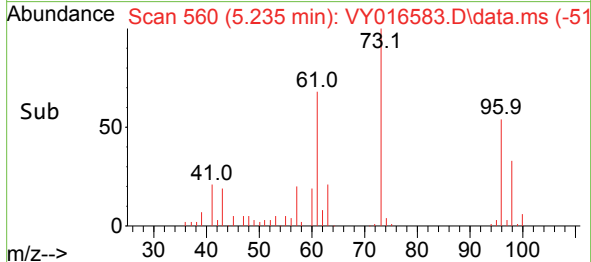
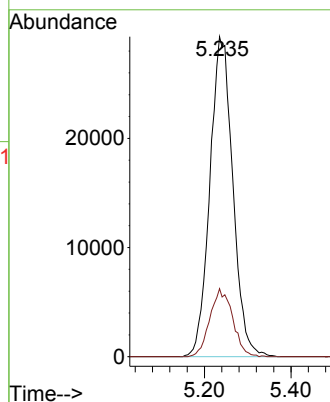
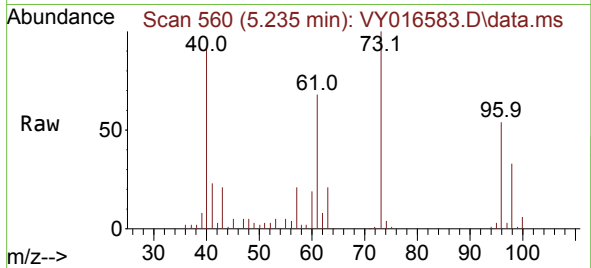




#19
Methyl tert-butyl Ether
Concen: 21.645 ug/l
RT: 5.235 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

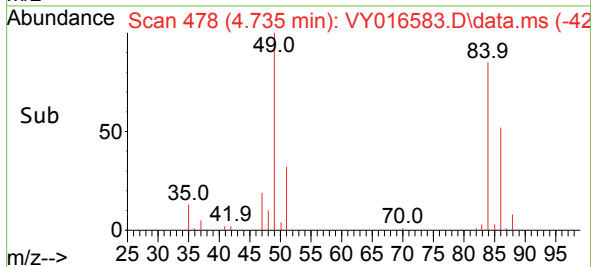
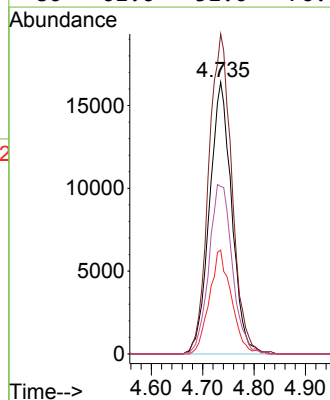
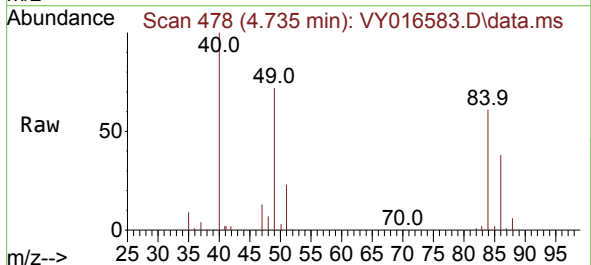
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

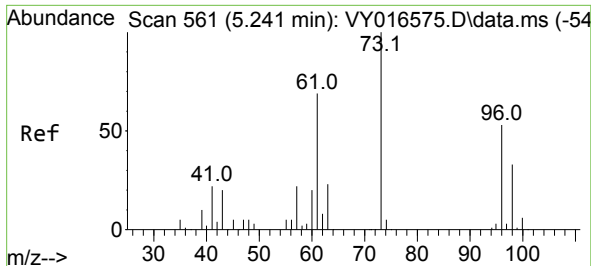
Tgt Ion: 73 Resp: 107835
Ion Ratio Lower Upper
73 100
57 21.3 17.3 25.9



#20
Methylene Chloride
Concen: 21.495 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 84 Resp: 49237
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 38.2 33.2 49.8
86 61.6 51.0 76.6

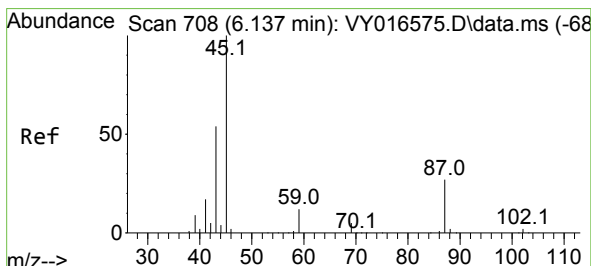
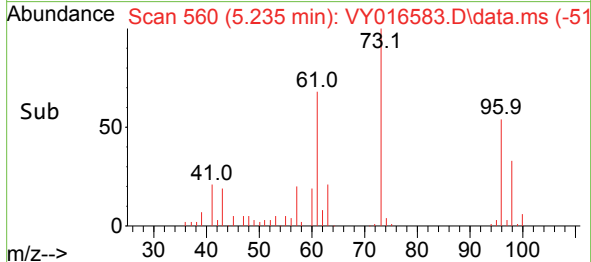
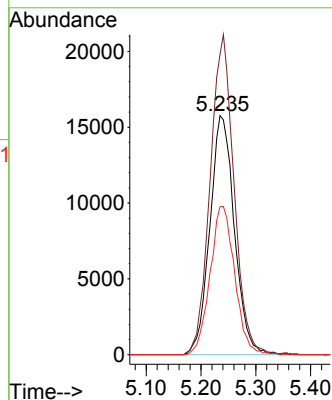
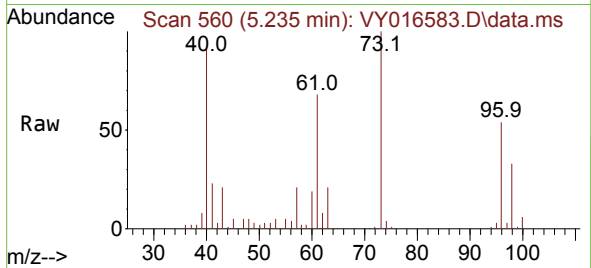




#21
trans-1,2-Dichloroethene
Concen: 21.511 ug/l
RT: 5.235 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

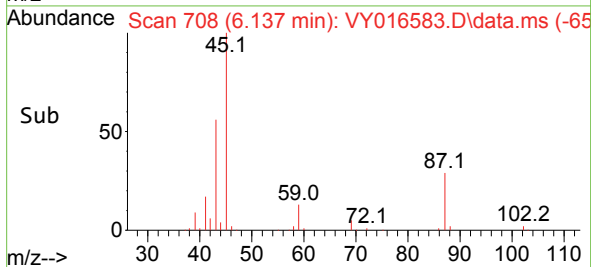
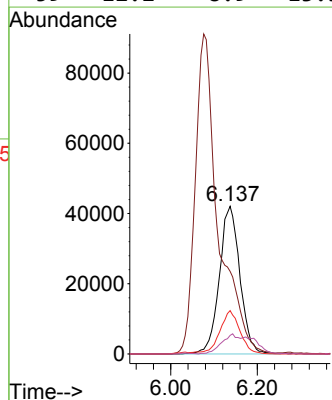
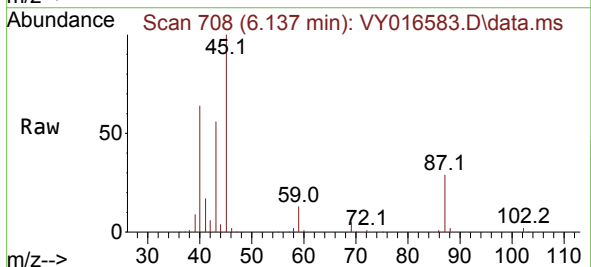
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

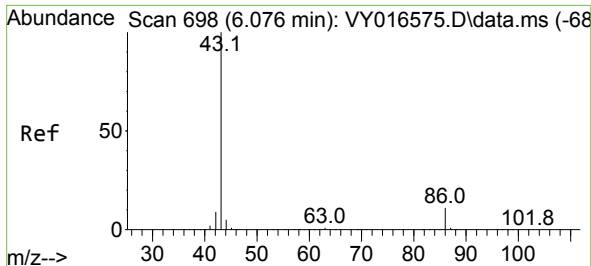
Tgt Ion: 96 Resp: 49025
Ion Ratio Lower Upper
96 100
61 125.7 110.2 165.4
98 61.9 51.8 77.6



#22
Diisopropyl ether
Concen: 21.882 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 45 Resp: 139195
Ion Ratio Lower Upper
45 100
43 55.1 52.2 78.4
87 29.3 21.0 31.6
59 12.2 8.9 13.3

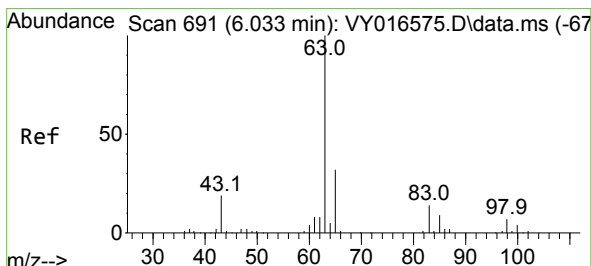
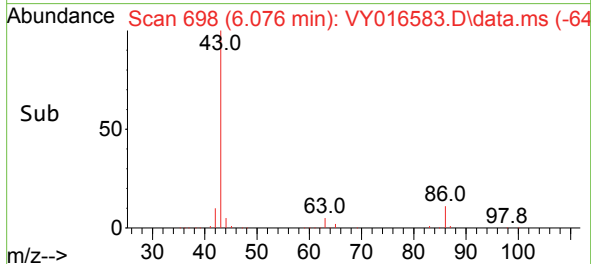
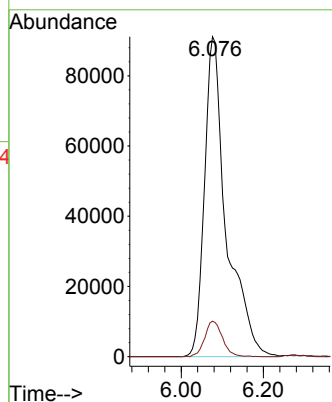
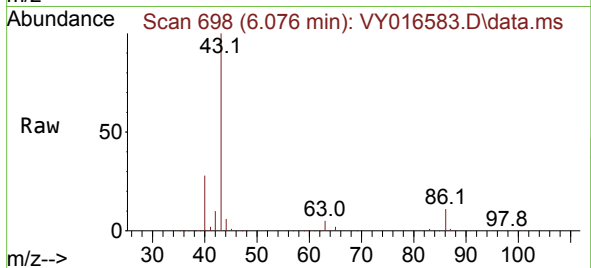




#23
 Vinyl Acetate
 Concen: 110.078 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

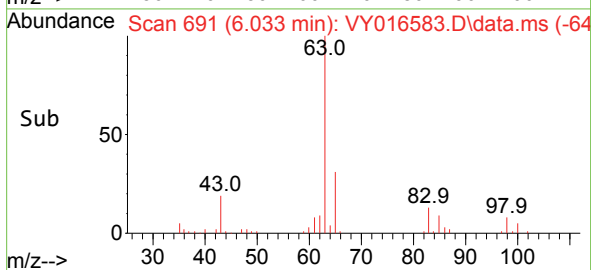
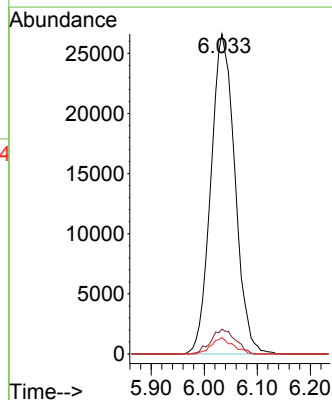
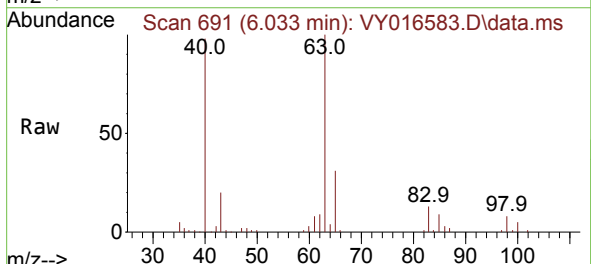
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBS01

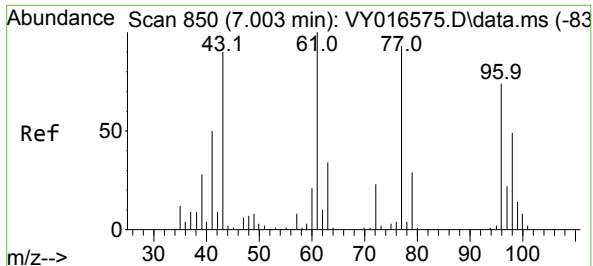
Tgt Ion: 43 Resp: 336144
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.457 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

Tgt Ion: 63 Resp: 83853
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 113.298 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

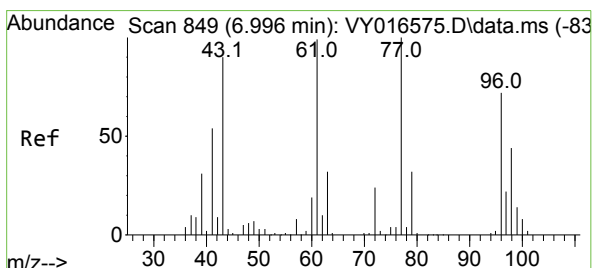
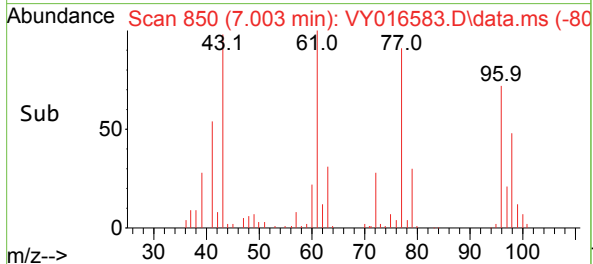
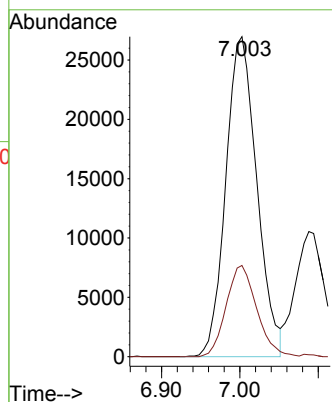
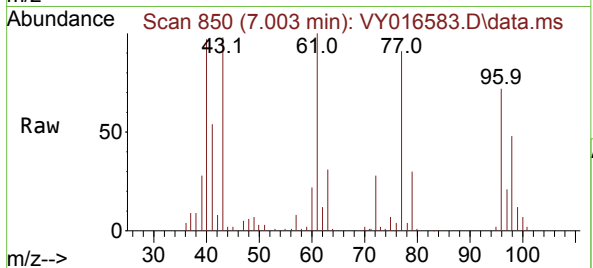
VY1204SBSD01

Tgt Ion: 43 Resp: 74310

Ion Ratio Lower Upper

43 100

72 28.5 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.956 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016583.D

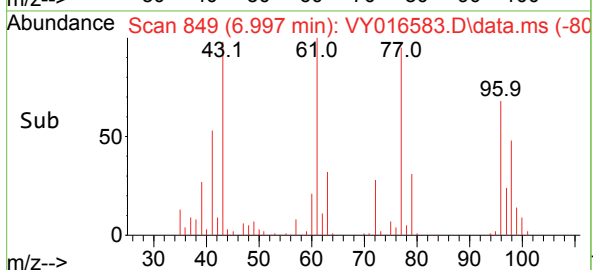
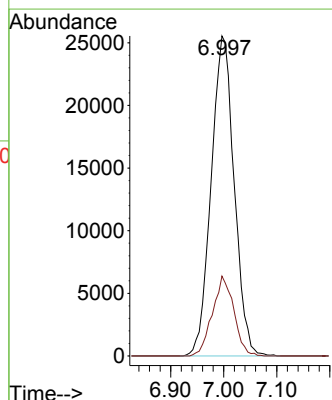
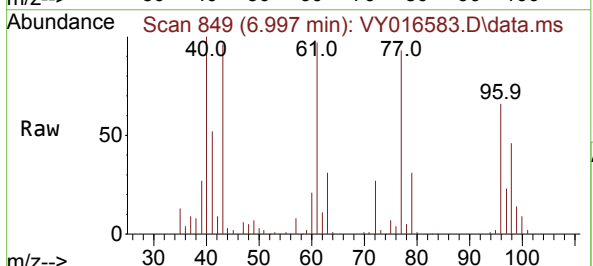
Acq: 04 Dec 2023 17:42

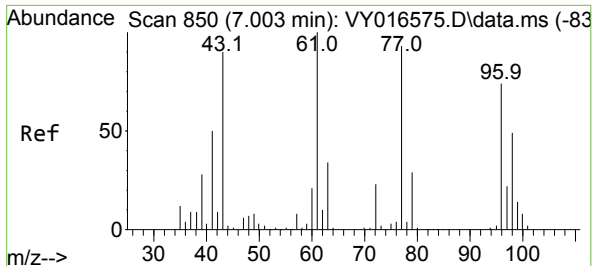
Tgt Ion: 77 Resp: 76989

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.564 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

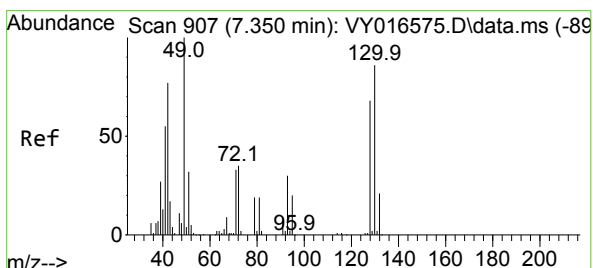
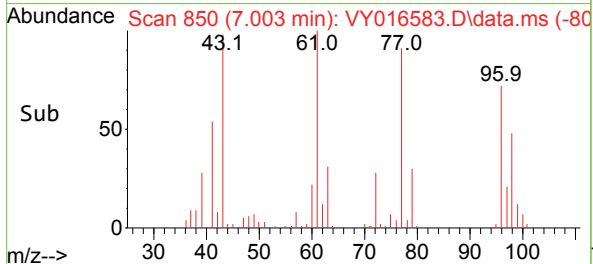
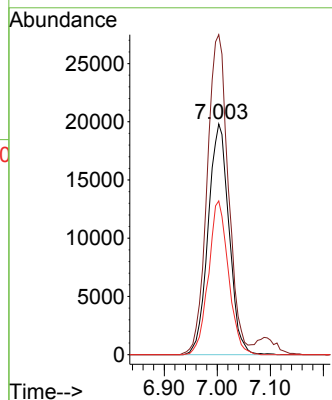
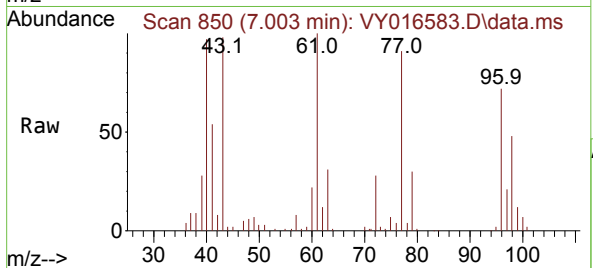
Tgt Ion: 96 Resp: 54097

Ion Ratio Lower Upper

96 100

61 140.8 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 19.986 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

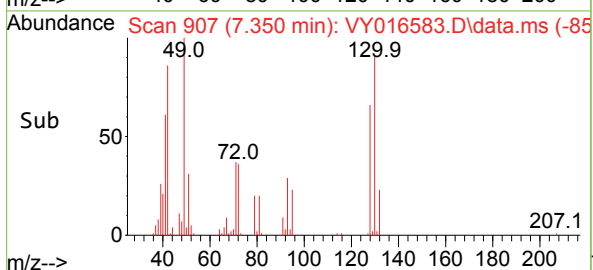
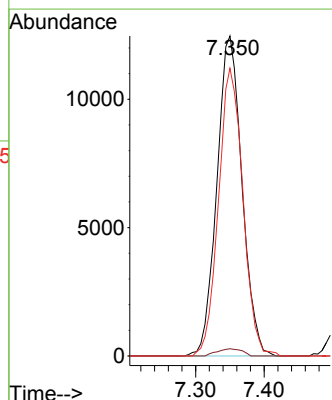
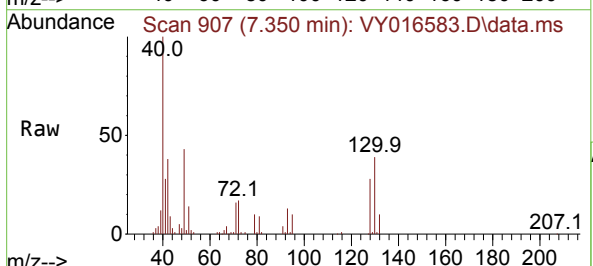
Tgt Ion: 49 Resp: 31636

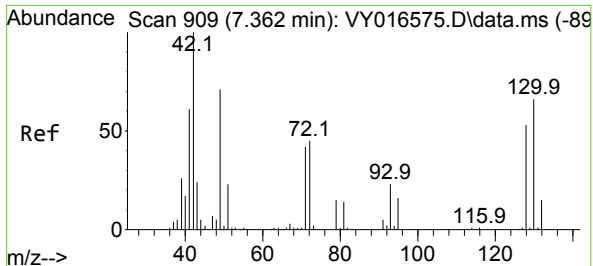
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 87.5 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.541 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

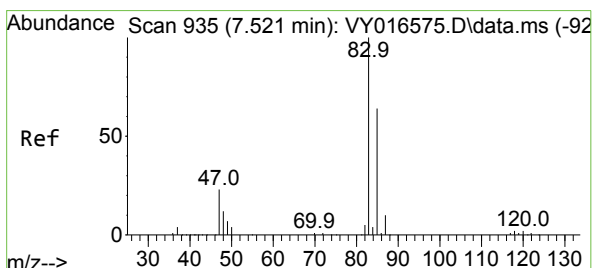
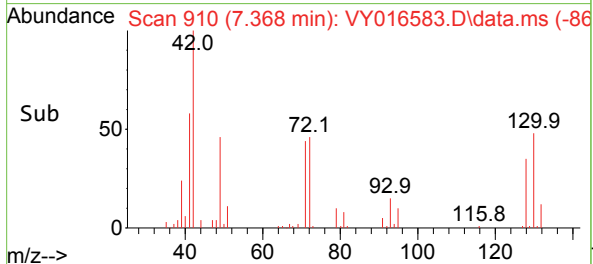
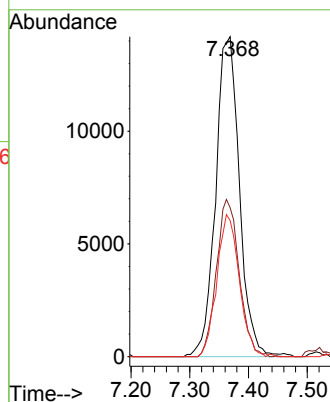
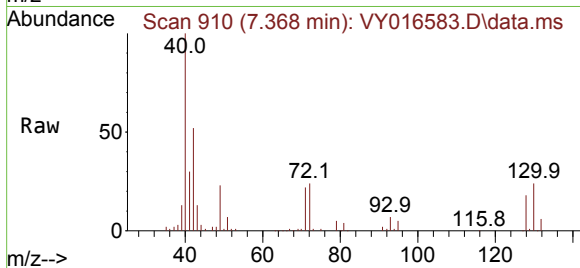
Tgt Ion: 42 Resp: 39840

Ion Ratio Lower Upper

42 100

72 46.9 32.8 49.2

71 41.9 31.0 46.4



#30

Chloroform

Concen: 21.396 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016583.D

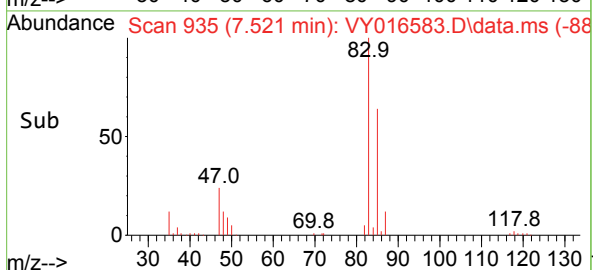
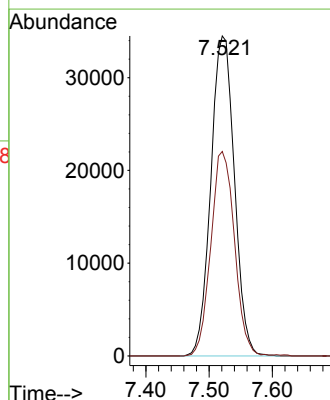
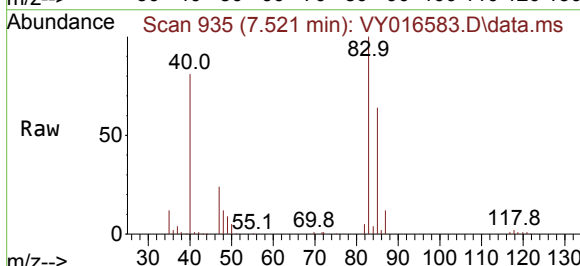
Acq: 04 Dec 2023 17:42

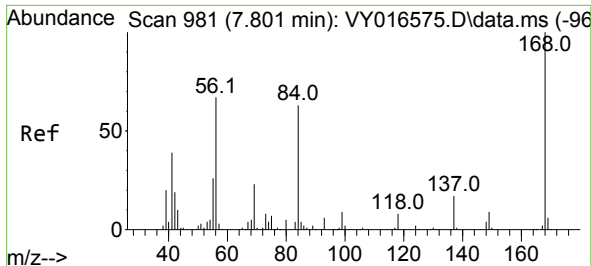
Tgt Ion: 83 Resp: 89128

Ion Ratio Lower Upper

83 100

85 63.9 49.7 74.5

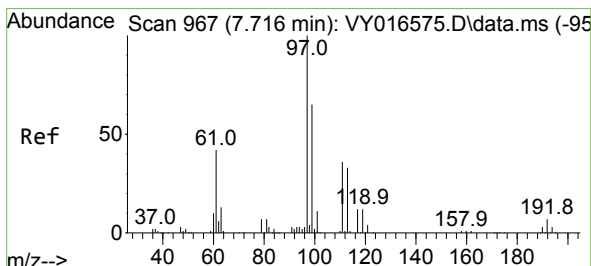
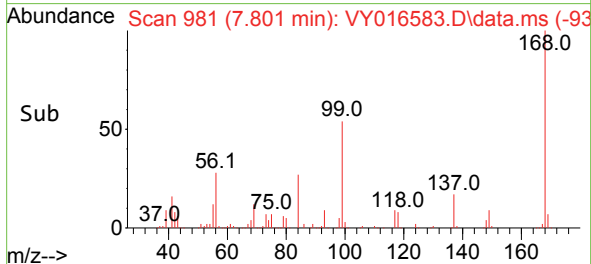
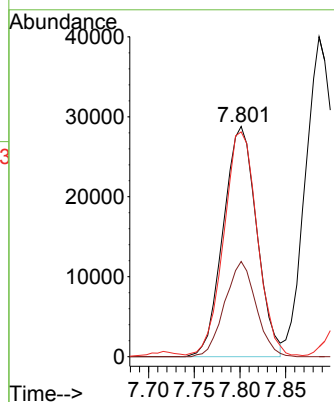
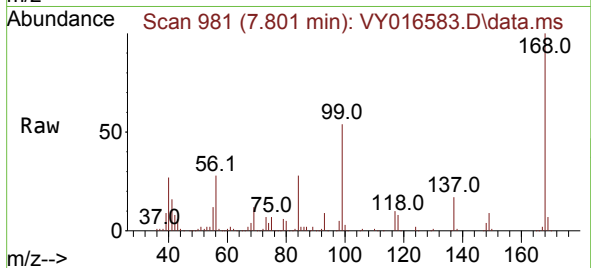




#31
Cyclohexane
Concen: 20.400 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

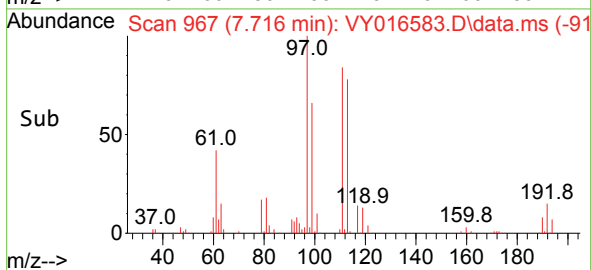
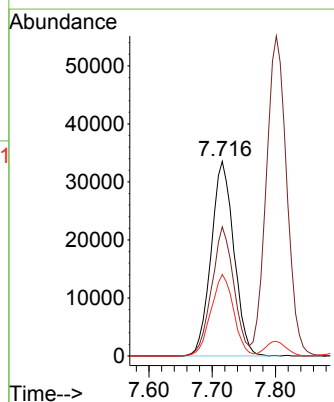
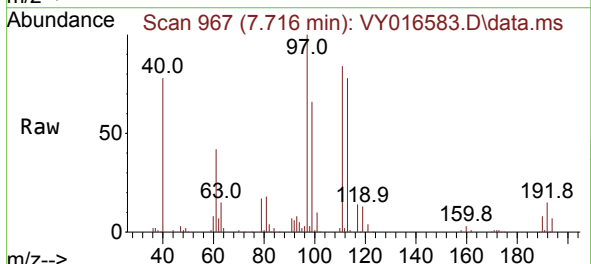
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

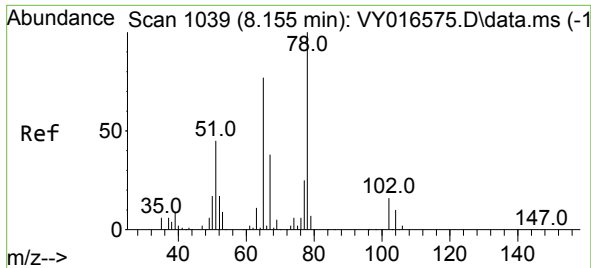
Tgt Ion: 56 Resp: 73407
Ion Ratio Lower Upper
56 100
69 41.4 27.8 41.6
84 96.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.291 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 97 Resp: 83939
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 41.7 35.1 52.7

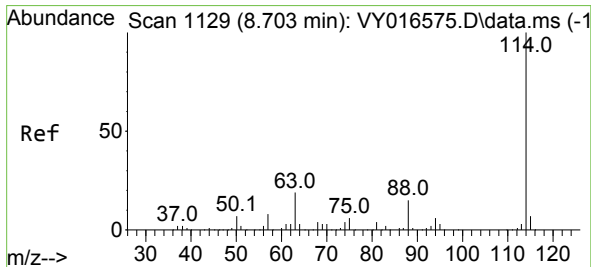
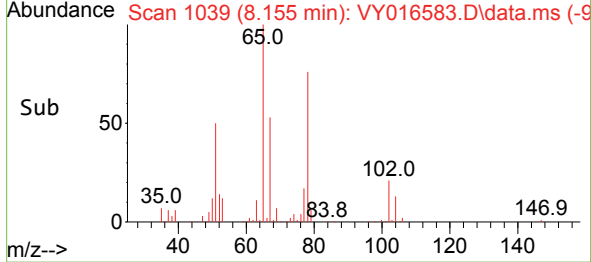
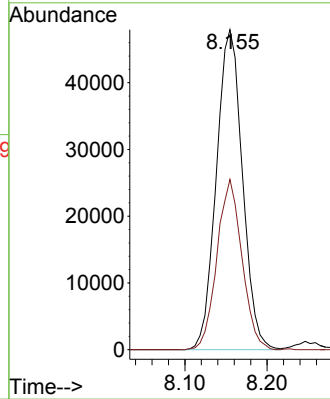
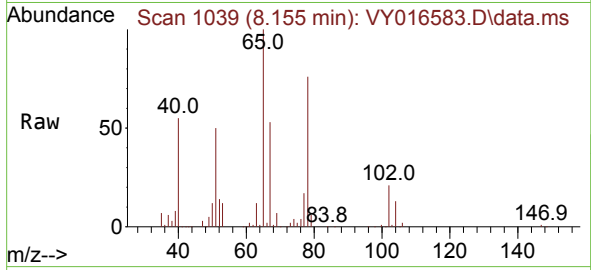




#33
 1,2-Dichloroethane-d4
 Concen: 50.124 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

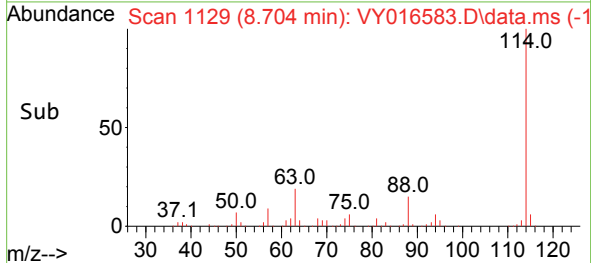
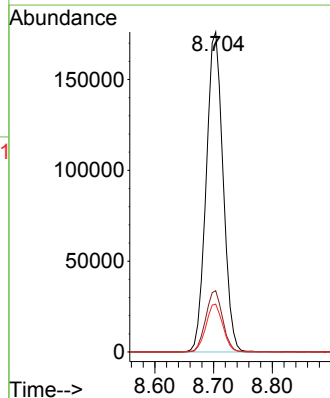
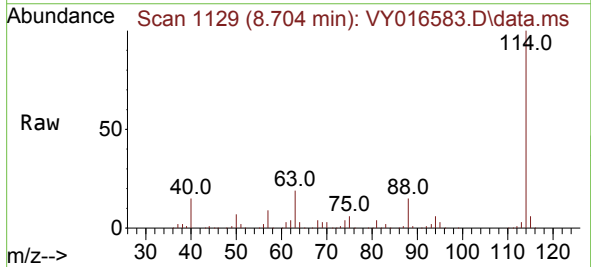
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

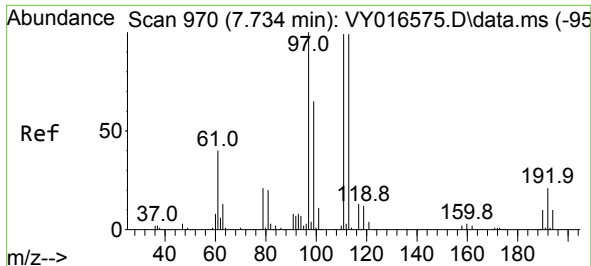
Tgt Ion: 65 Resp: 105651
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.704 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

Tgt Ion: 114 Resp: 350735
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 42.4
 88 15.0 0.0 30.6

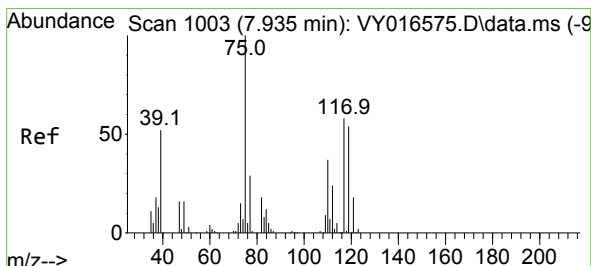
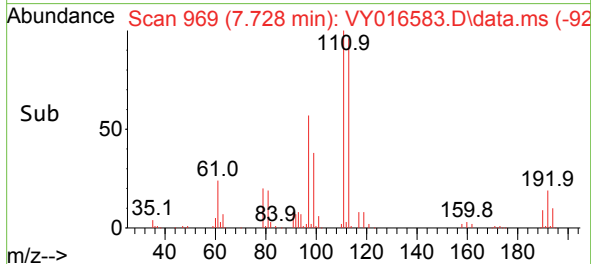
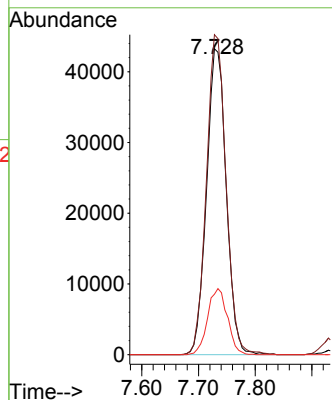
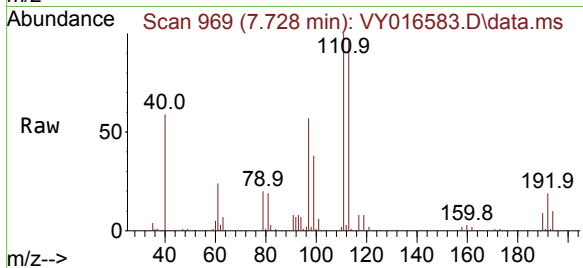




#35
Dibromofluoromethane
Concen: 49.520 ug/l
RT: 7.728 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

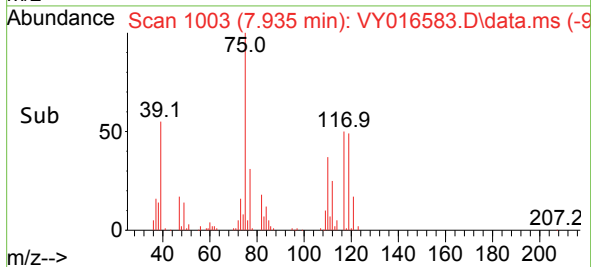
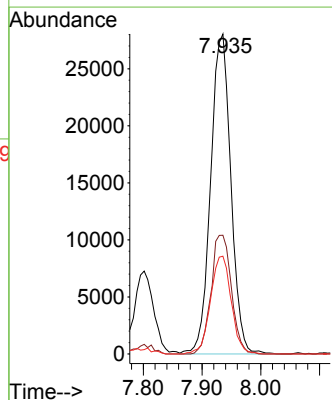
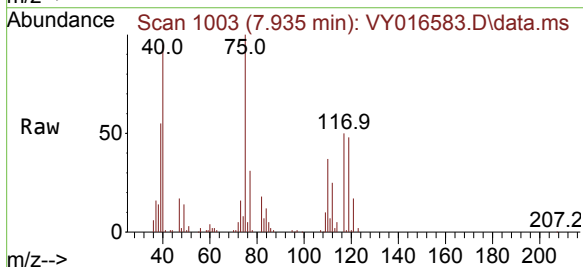
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

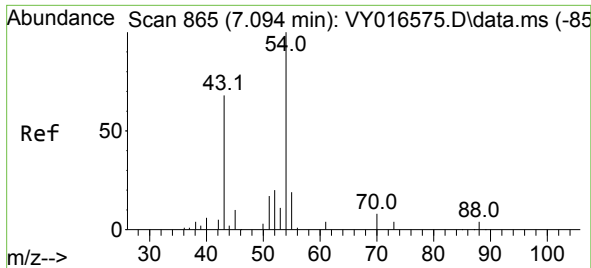
Tgt Ion:113 Resp: 104523
Ion Ratio Lower Upper
113 100
111 104.4 81.3 121.9
192 21.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.909 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 75 Resp: 67089
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.3 24.4 36.6

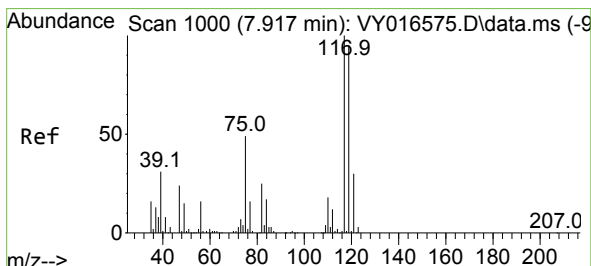
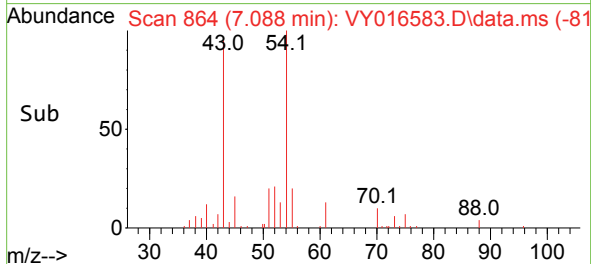
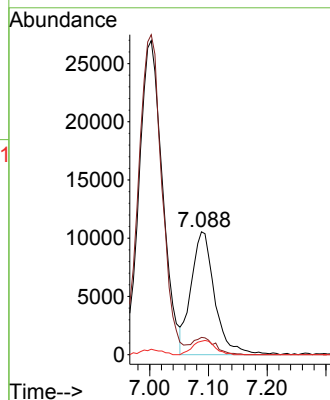
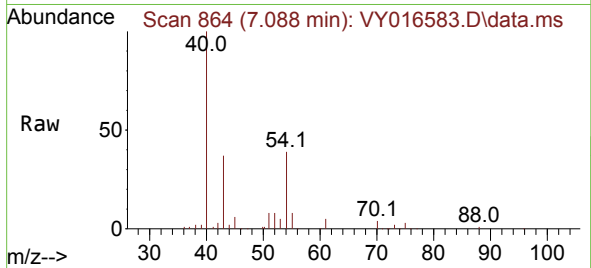




#37
Ethyl Acetate
Concen: 21.928 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

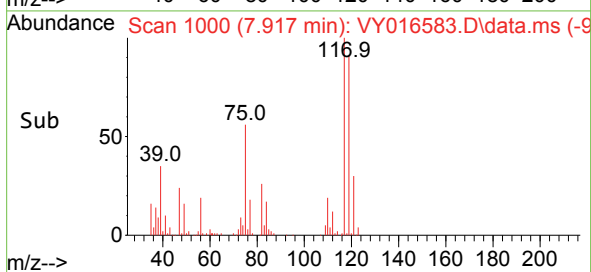
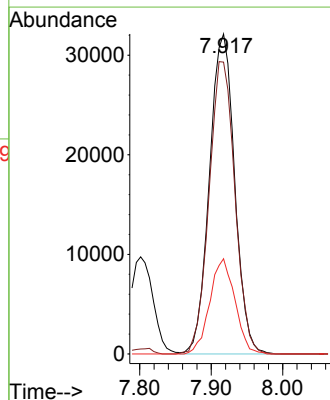
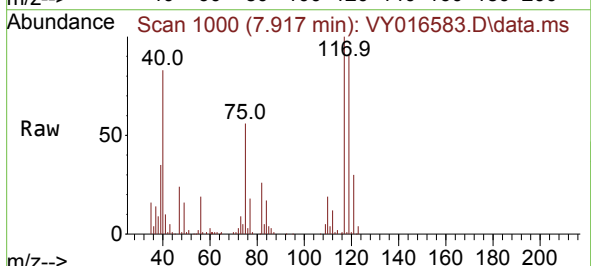
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

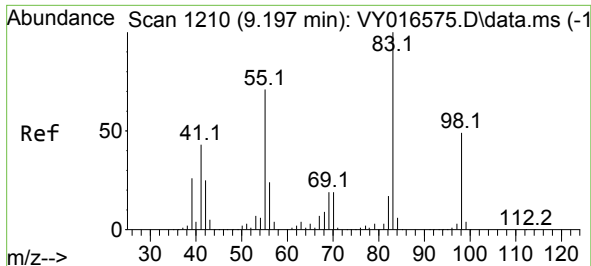
Tgt Ion: 43 Resp: 29440
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 10.8 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 21.192 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 117 Resp: 78716
Ion Ratio Lower Upper
117 100
119 91.2 76.4 114.6
121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 20.868 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

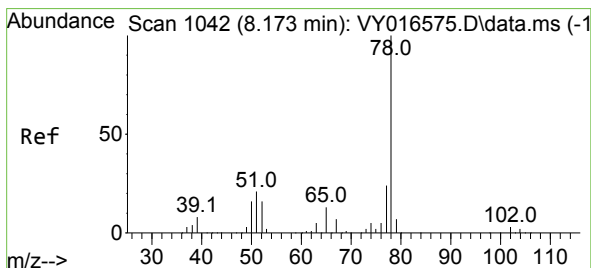
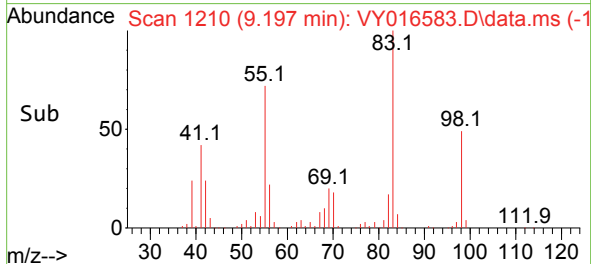
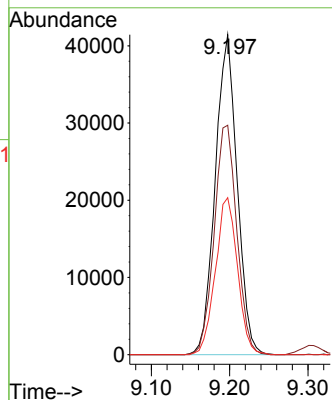
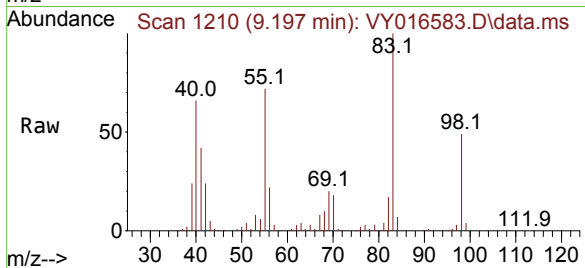
Tgt Ion: 83 Resp: 80671

Ion Ratio Lower Upper

83 100

55 71.7 63.0 94.4

98 49.0 37.4 56.2



#40

Benzene

Concen: 20.871 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016583.D

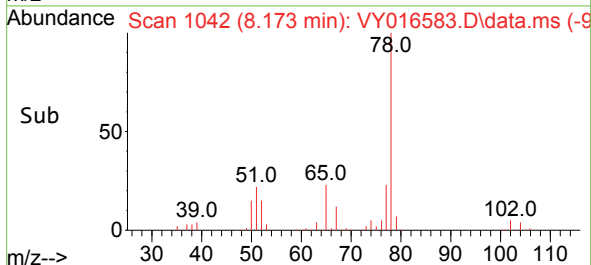
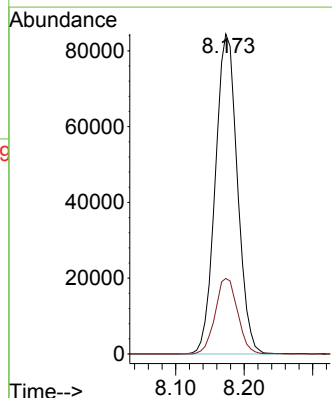
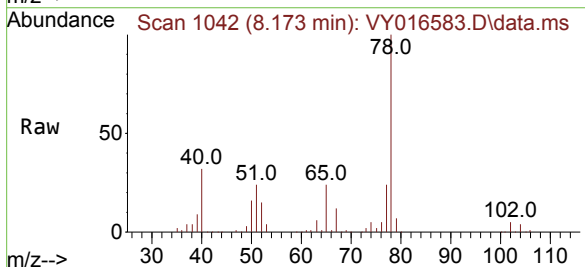
Acq: 04 Dec 2023 17:42

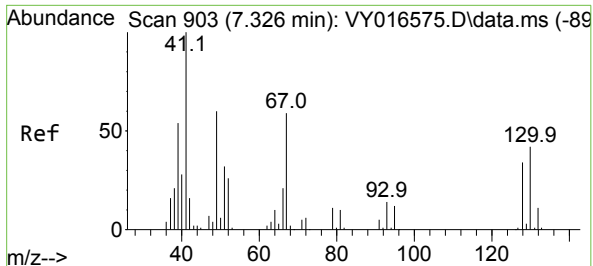
Tgt Ion: 78 Resp: 188754

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

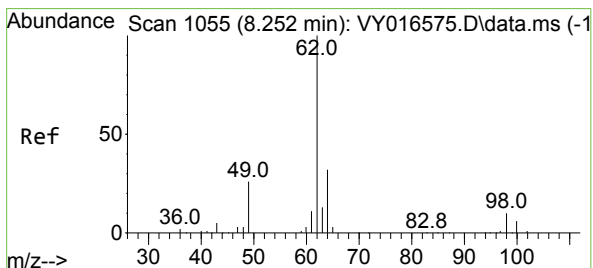
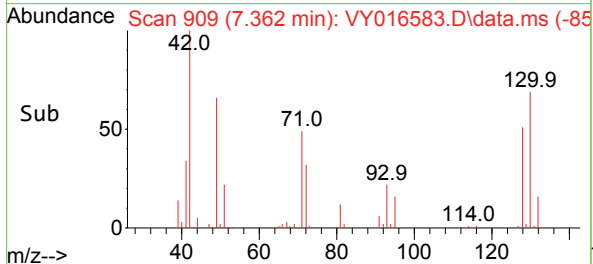
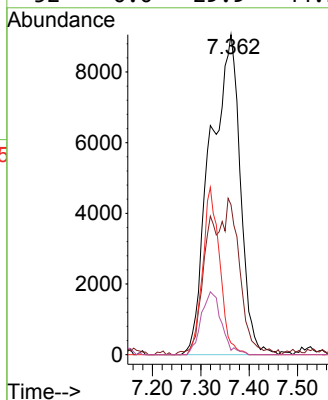
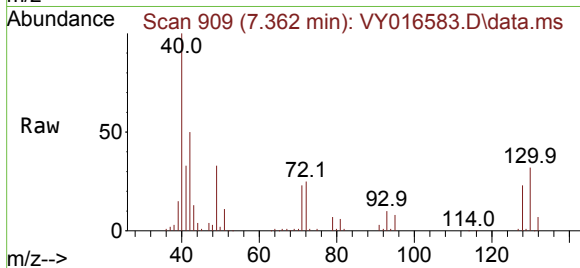




#41
Methacrylonitrile
Concen: 50.210 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.037 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

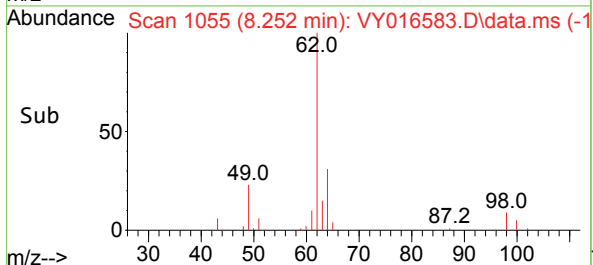
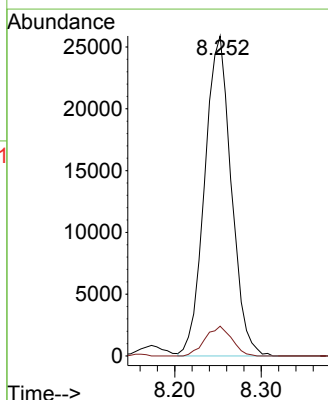
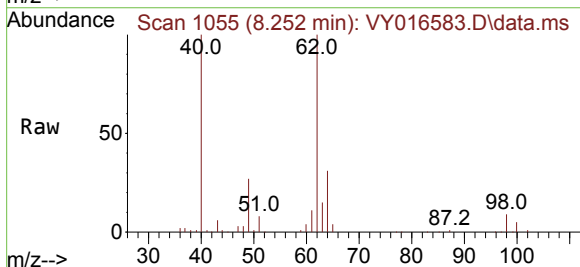
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

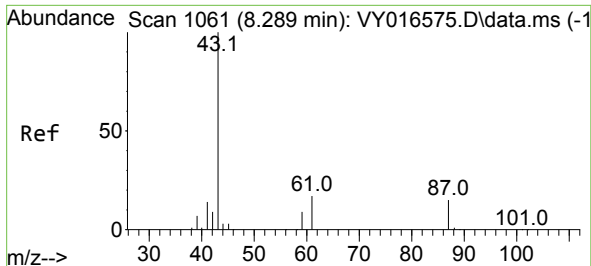
Tgt Ion: 41 Resp: 38933
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.041 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 62 Resp: 55254
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8

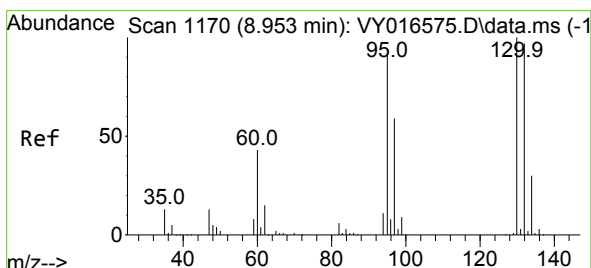
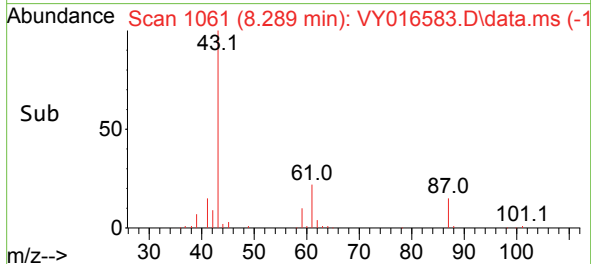
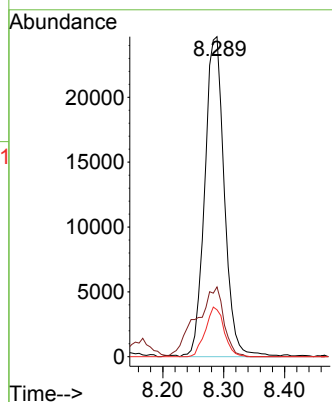
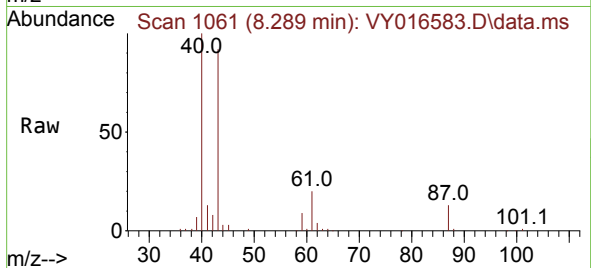




#43
Isopropyl Acetate
Concen: 21.229 ug/l
RT: 8.289 min Scan# 1061
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

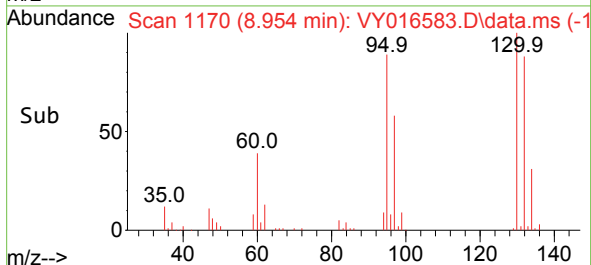
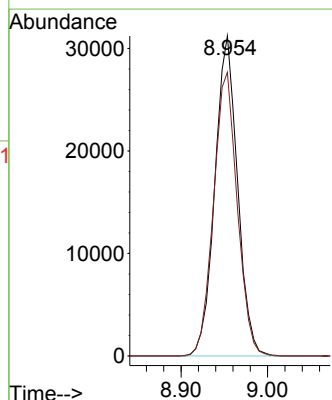
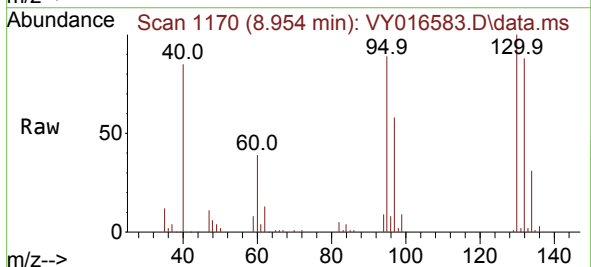
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

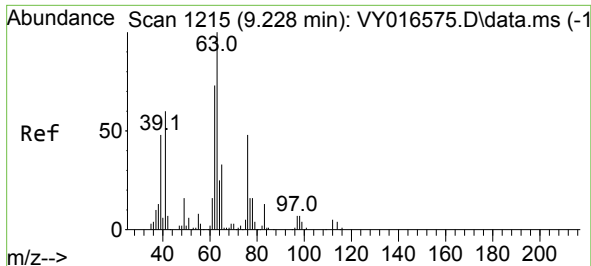
Tgt Ion: 43 Resp: 54982
Ion Ratio Lower Upper
43 100
61 30.6 21.1 31.7
87 14.8 9.8 14.8



#44
Trichloroethene
Concen: 20.806 ug/l
RT: 8.954 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 130 Resp: 56744
Ion Ratio Lower Upper
130 100
95 88.6 0.0 196.0

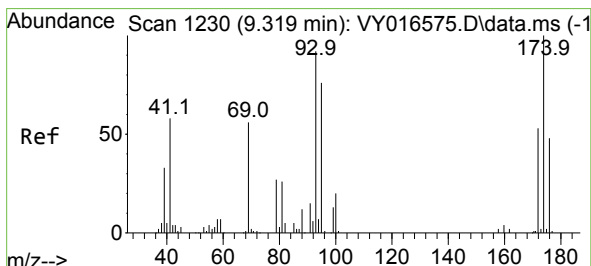
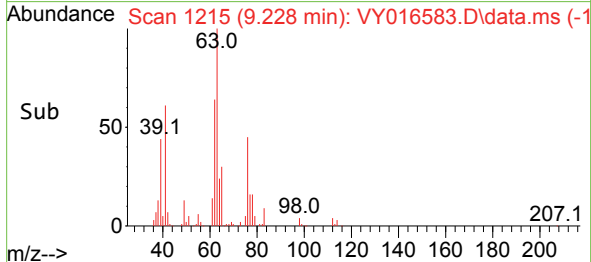
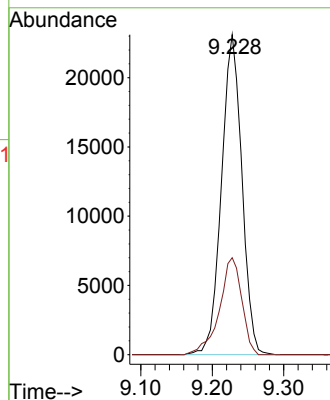
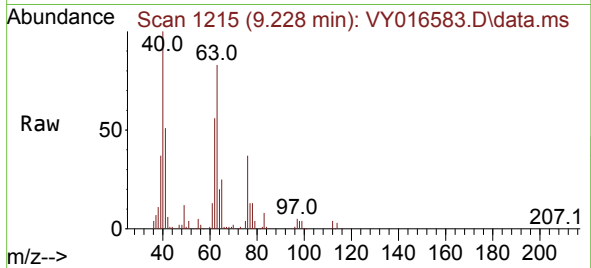




#45
1,2-Dichloropropane
Concen: 21.020 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

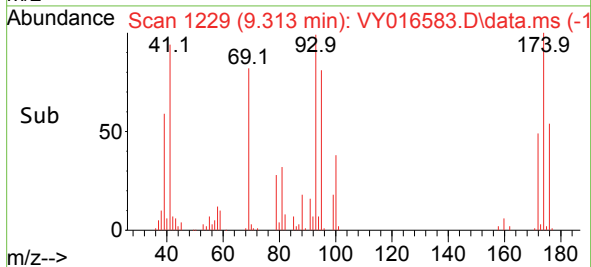
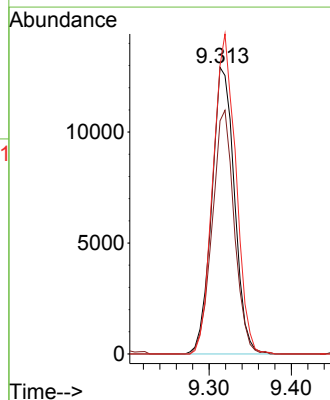
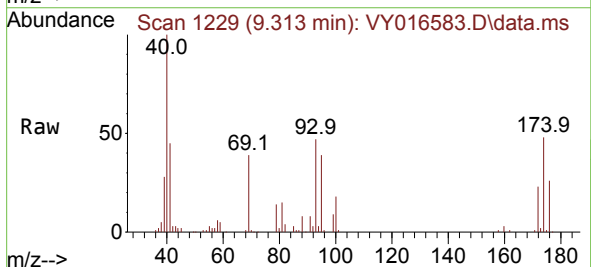
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

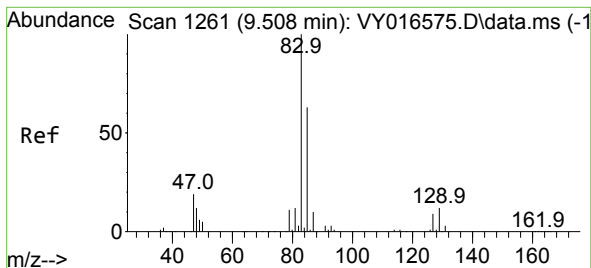
Tgt Ion: 63 Resp: 45767
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6



#46
Dibromomethane
Concen: 20.778 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 93 Resp: 24801
Ion Ratio Lower Upper
93 100
95 82.4 66.6 100.0
174 112.0 84.8 127.2





#47

Bromodichloromethane

Concen: 20.973 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

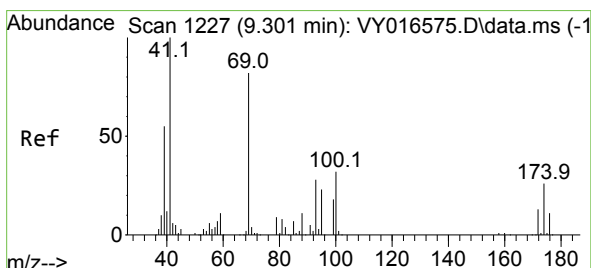
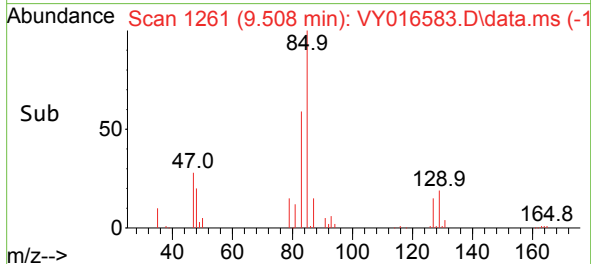
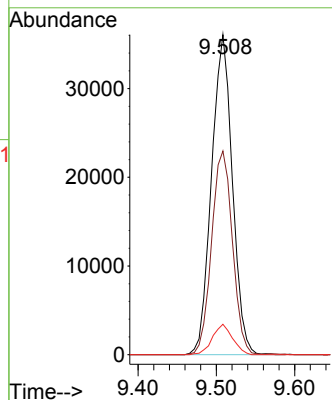
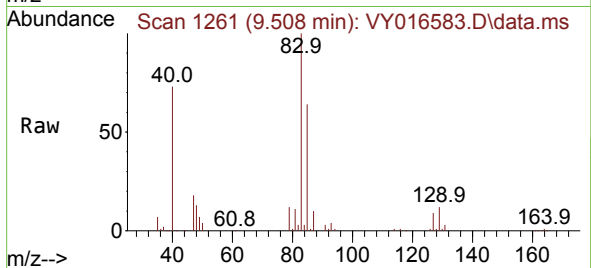
Tgt Ion: 83 Resp: 66647

Ion Ratio Lower Upper

83 100

85 63.6 50.1 75.1

127 9.5 7.1 10.7



#48

Methyl methacrylate

Concen: 21.225 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

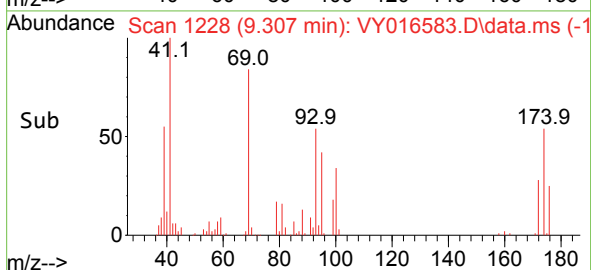
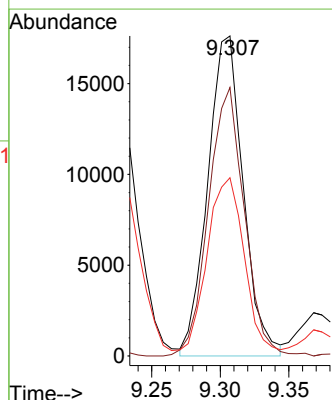
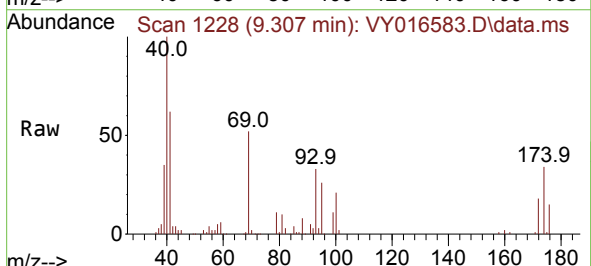
Tgt Ion: 41 Resp: 31748

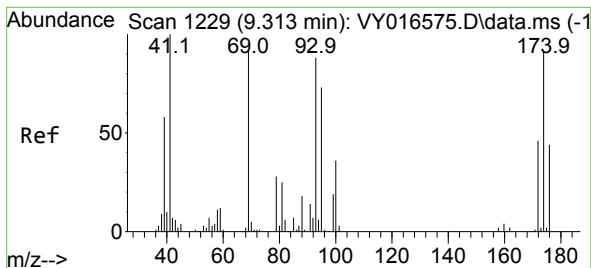
Ion Ratio Lower Upper

41 100

69 84.7 64.5 96.7

39 55.5 50.8 76.2





#49

1,4-Dioxane

Concen: 439.432 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

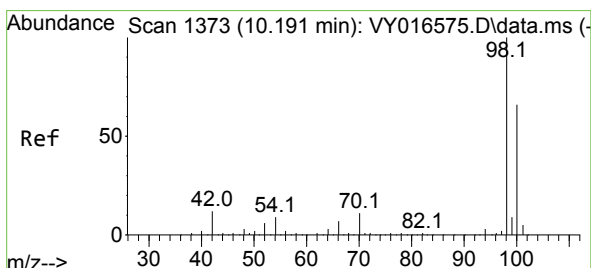
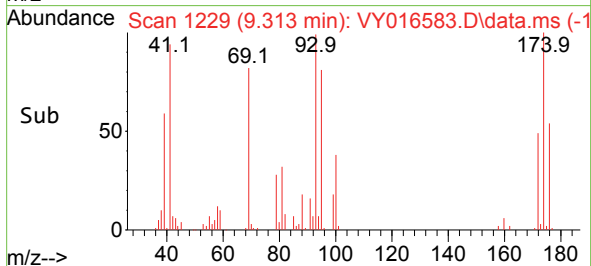
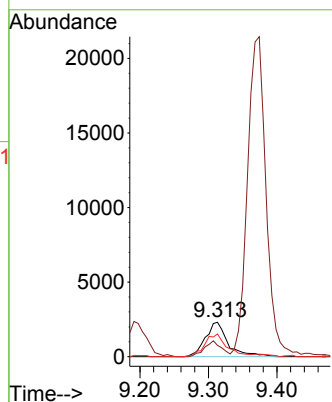
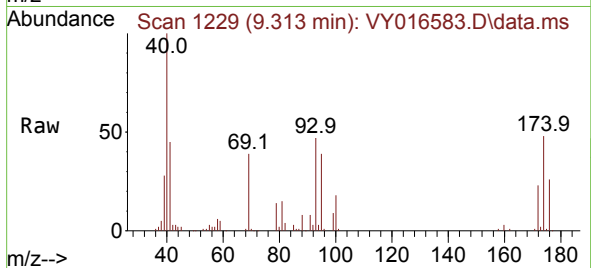
Tgt Ion: 88 Resp: 5309

Ion Ratio Lower Upper

88 100

43 34.8 0.0 0.0#

58 65.0 30.9 46.3#



#50

Toluene-d8

Concen: 49.635 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016583.D

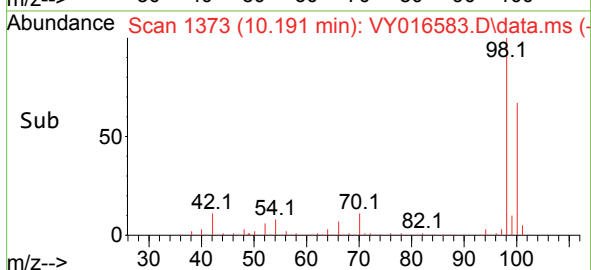
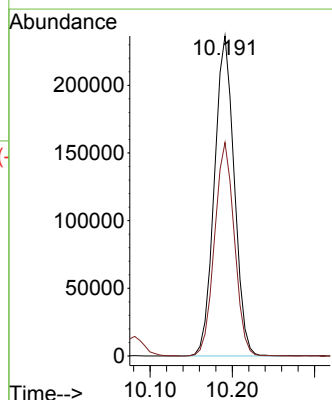
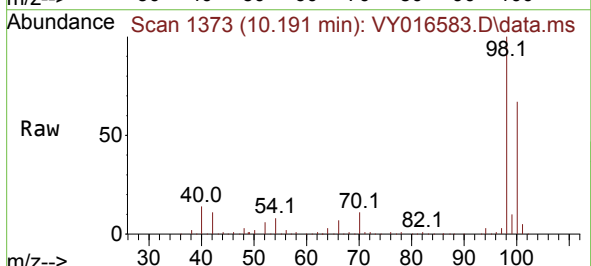
Acq: 04 Dec 2023 17:42

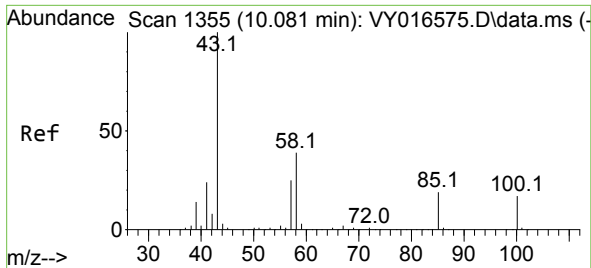
Tgt Ion: 98 Resp: 396287

Ion Ratio Lower Upper

98 100

100 66.6 50.1 75.1

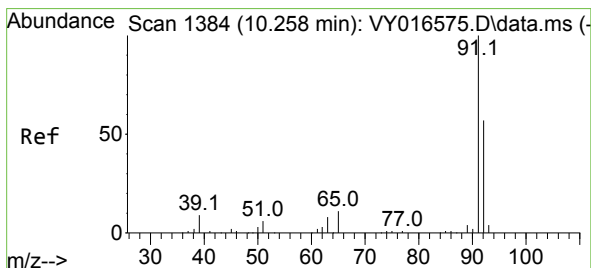
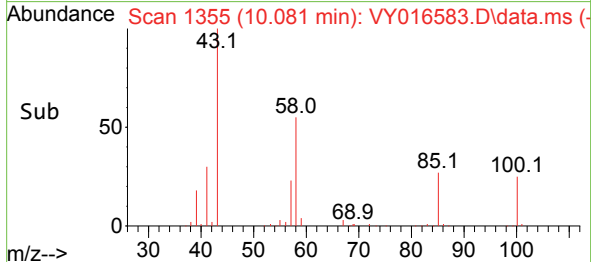
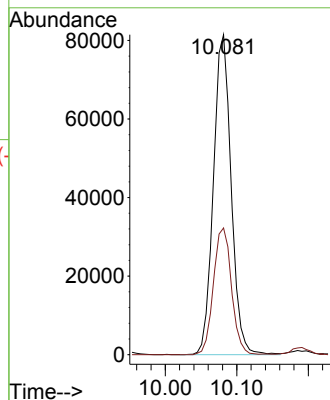
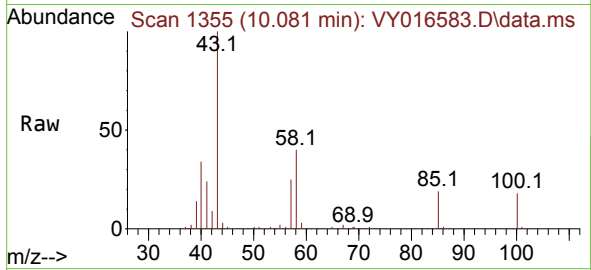




#51
4-Methyl-2-Pentanone
Concen: 104.343 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

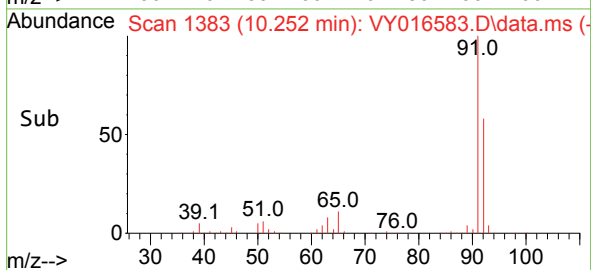
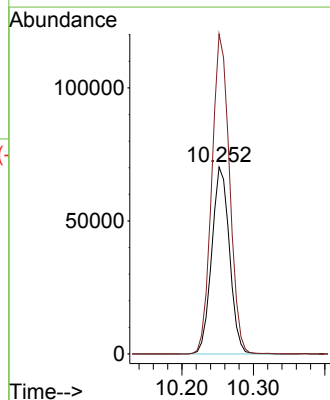
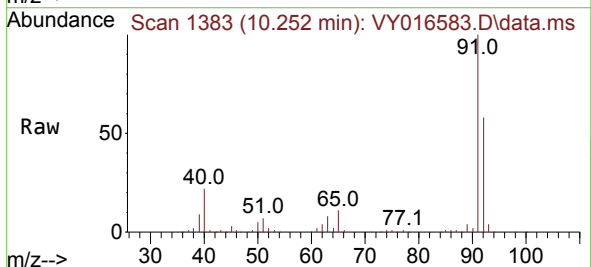
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

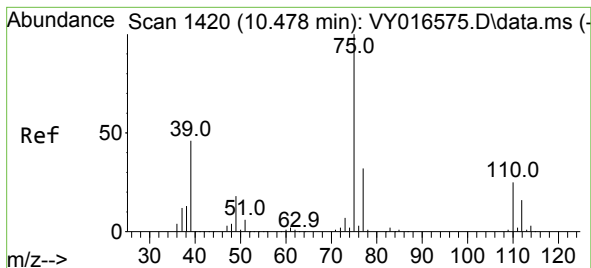
Tgt Ion: 43 Resp: 140444
Ion Ratio Lower Upper
43 100
58 40.5 29.0 43.6



#52
Toluene
Concen: 21.363 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 92 Resp: 121091
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

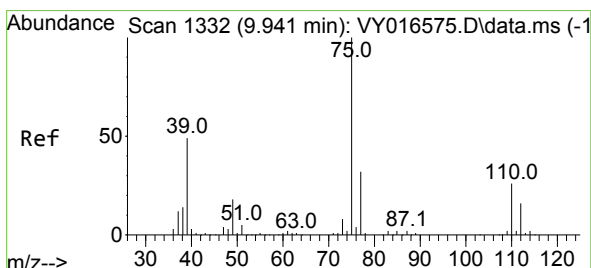
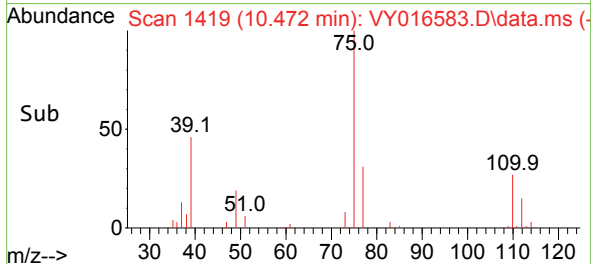
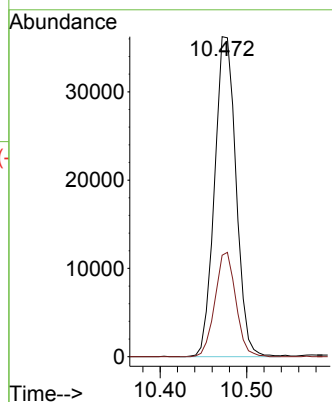
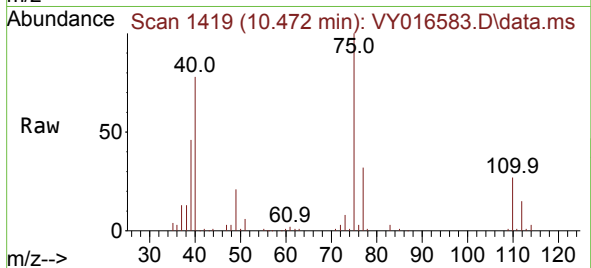




#53
t-1,3-Dichloropropene
Concen: 20.855 ug/l
RT: 10.472 min Scan# 1419
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

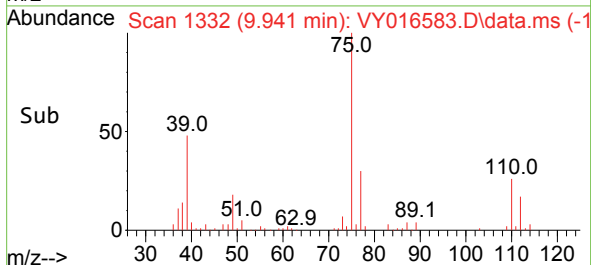
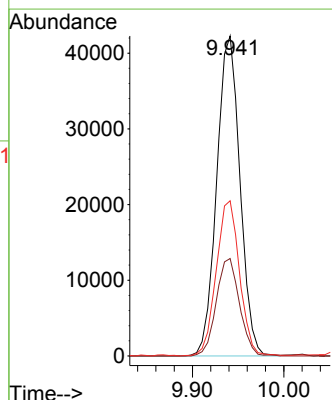
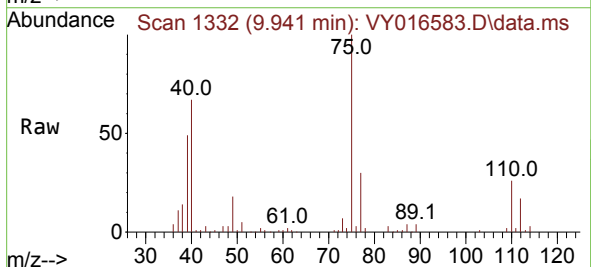
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

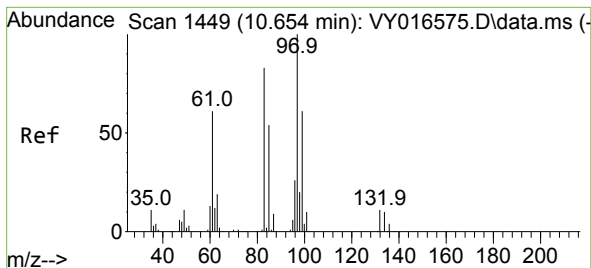
Tgt Ion: 75 Resp: 62544
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.206 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 75 Resp: 74689
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4
39 48.5 42.2 63.4

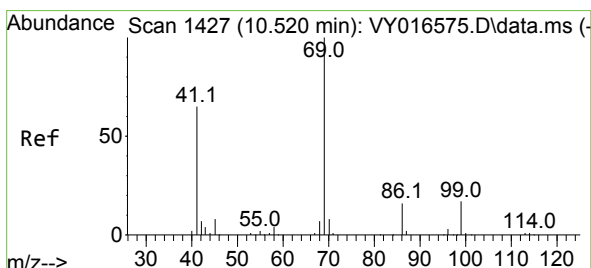
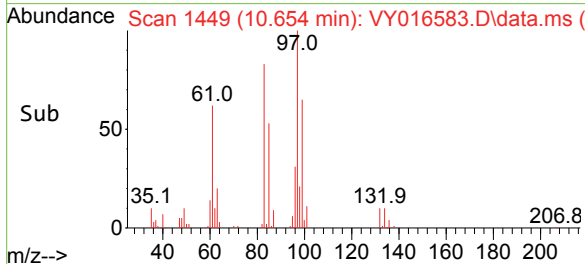
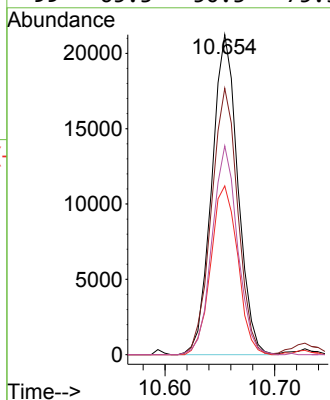
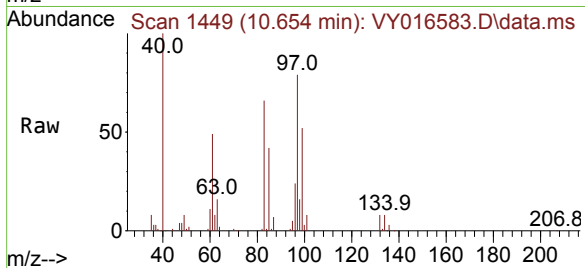




#55
1,1,2-Trichloroethane
Concen: 21.154 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

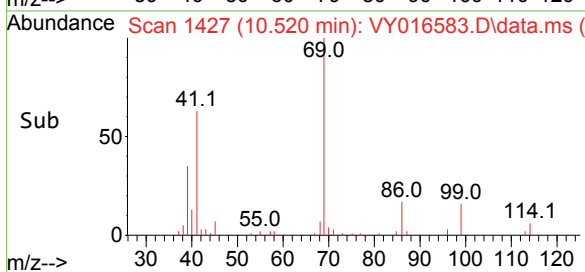
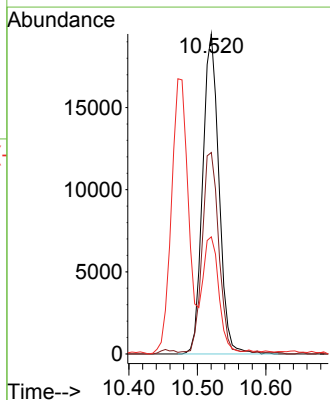
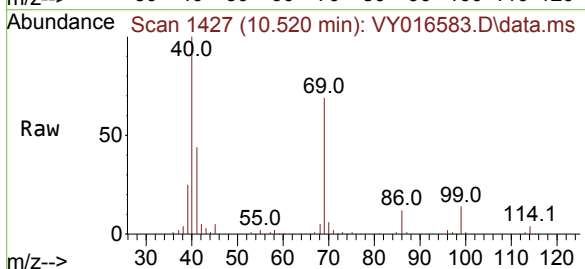
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

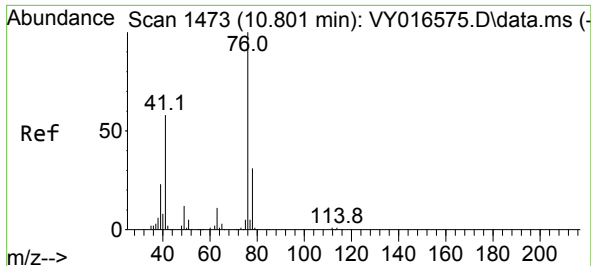
Tgt Ion: 97	Resp:	35172	
Ion	Ratio	Lower	Upper
97	100		
83	83.2	72.0	108.0
85	52.7	45.4	68.0
99	65.3	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.154 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 69	Resp:	32241	
Ion Ratio	Lower	Upper	
69 100			
41 65.9	57.6	86.4	
39 33.6	34.1	51.1#	





#57

1,3-Dichloropropane

Concen: 21.005 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

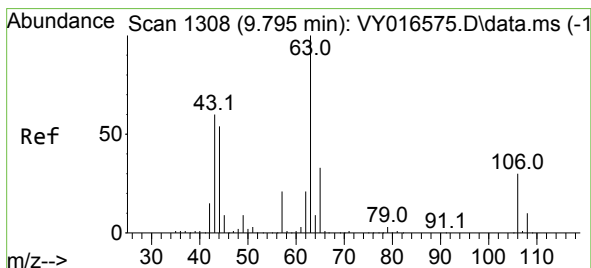
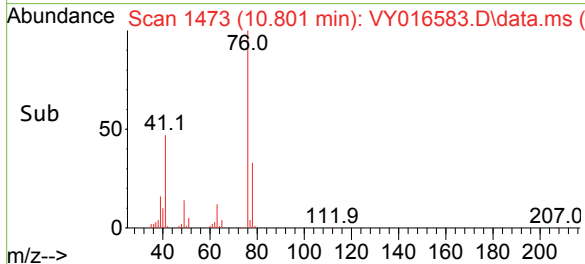
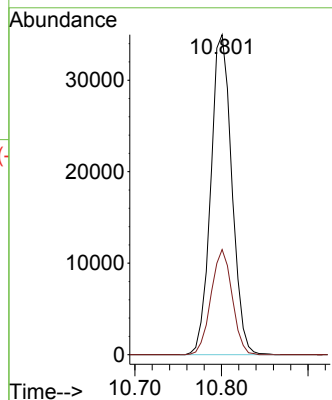
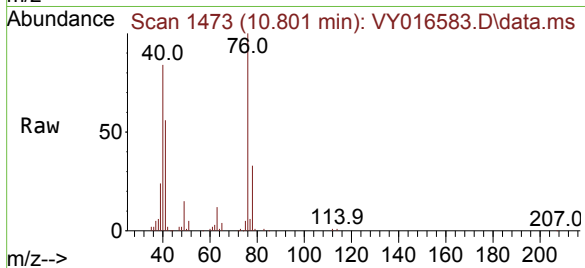
VY1204SBSD01

Tgt Ion: 76 Resp: 58999

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.028 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.000 min

Lab File: VY016583.D

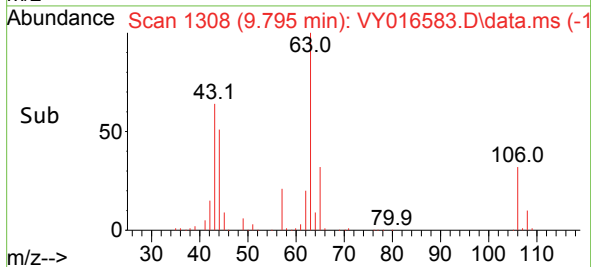
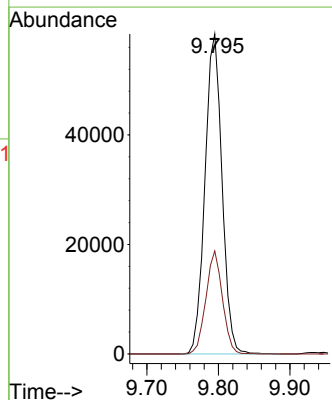
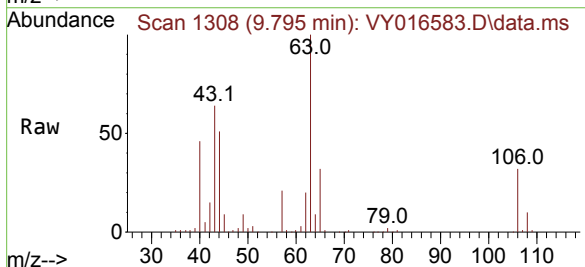
Acq: 04 Dec 2023 17:42

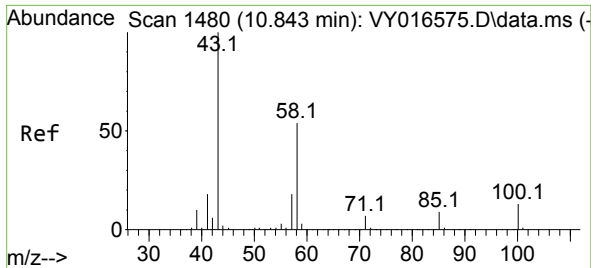
Tgt Ion: 63 Resp: 96767

Ion Ratio Lower Upper

63 100

106 31.2 21.2 31.8

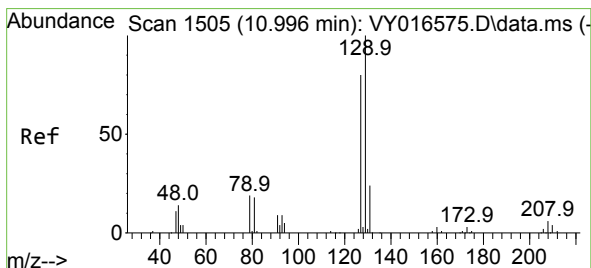
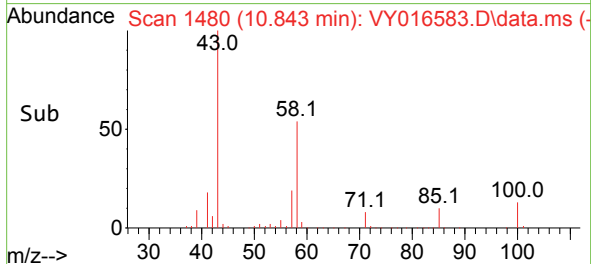
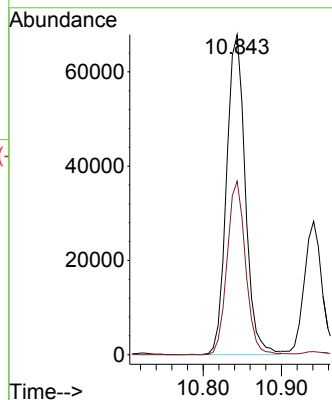
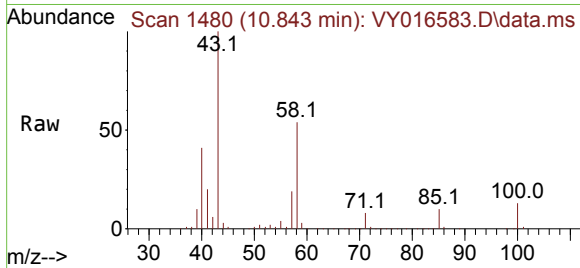




#59
2-Hexanone
Concen: 110.912 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

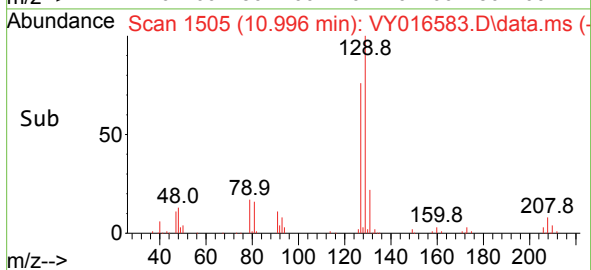
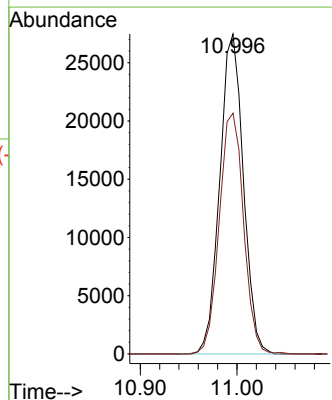
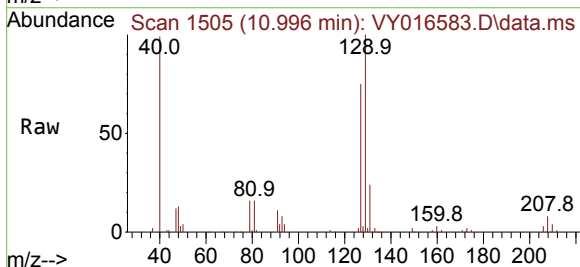
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

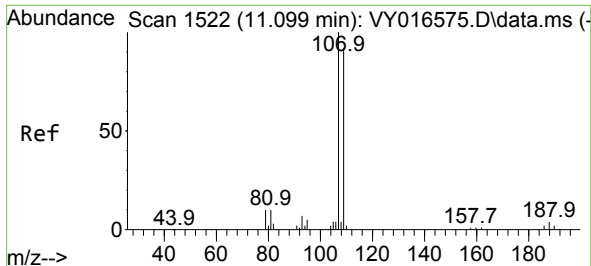
Tgt Ion: 43 Resp: 112932
Ion Ratio Lower Upper
43 100
58 53.4 25.1 75.3



#60
Dibromochloromethane
Concen: 20.961 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion:129 Resp: 46566
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.5

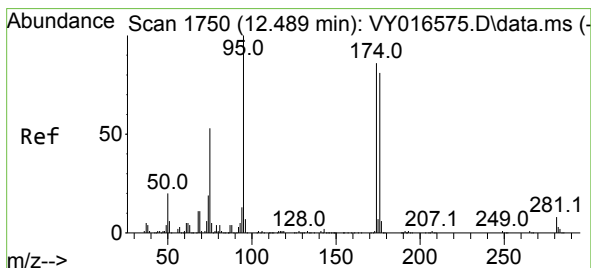
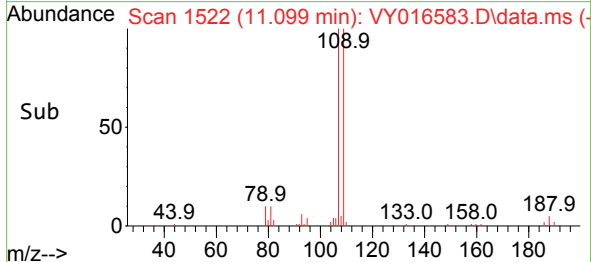
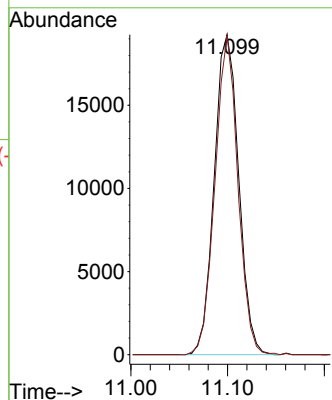
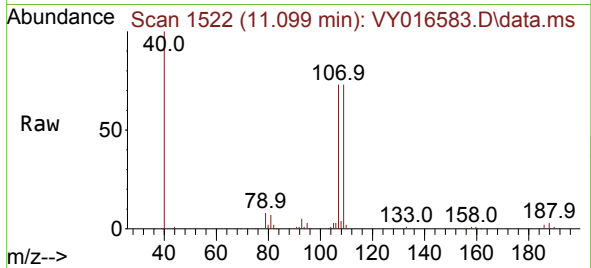




#61
1,2-Dibromoethane
Concen: 21.584 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

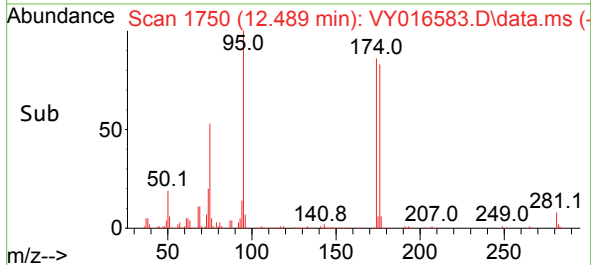
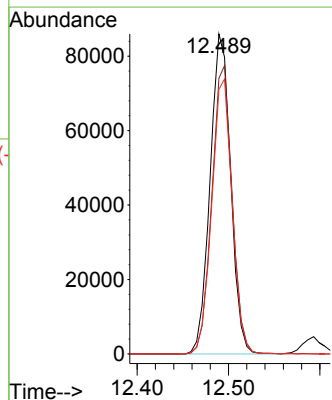
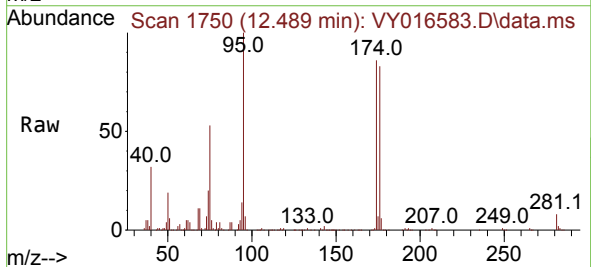
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

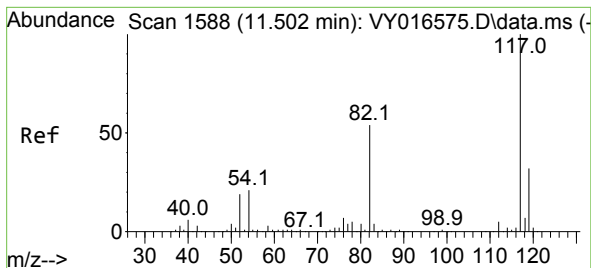
Tgt Ion:107 Resp: 33755
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.981 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 95 Resp: 133852
Ion Ratio Lower Upper
95 100
174 89.2 0.0 178.2
176 86.1 0.0 173.8

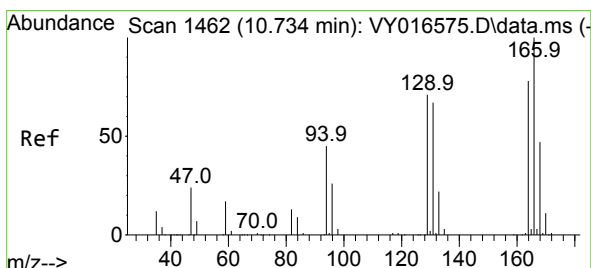
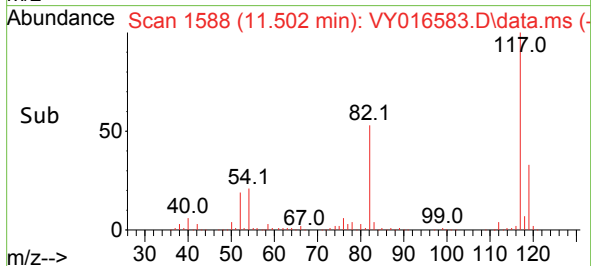
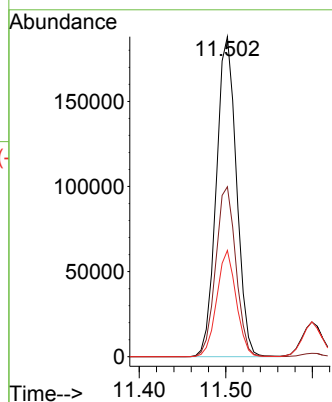
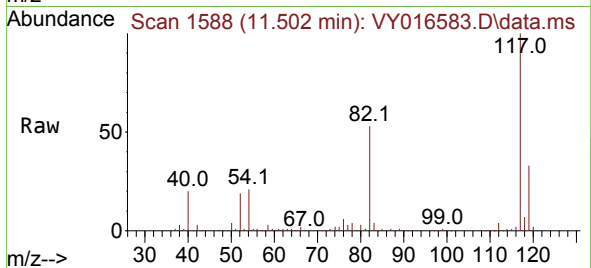




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

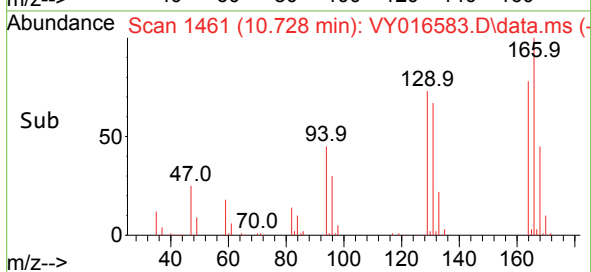
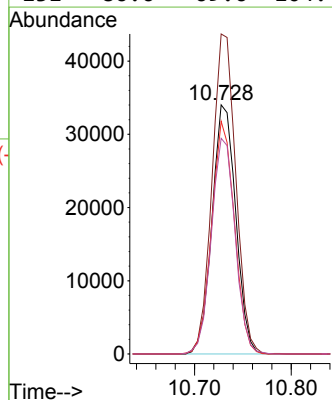
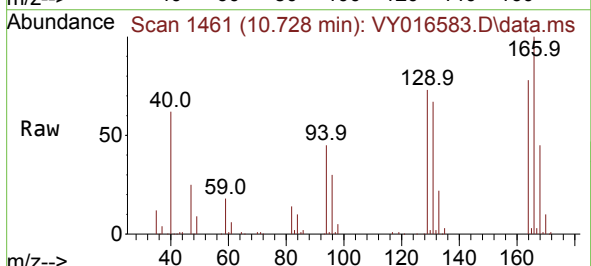
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

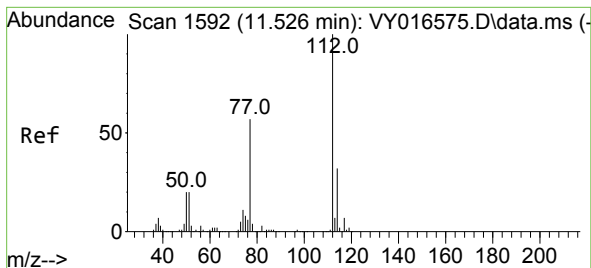
Tgt Ion:117 Resp: 303872
Ion Ratio Lower Upper
117 100
82 53.1 43.4 65.0
119 33.2 26.3 39.5



#64
Tetrachloroethene
Concen: 20.744 ug/l
RT: 10.728 min Scan# 1461
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion:164 Resp: 57769
Ion Ratio Lower Upper
164 100
166 128.5 103.0 154.6
129 93.4 77.2 115.8
131 86.6 69.6 104.4





#65

Chlorobenzene

Concen: 21.367 ug/l

RT: 11.526 min Scan# 1592

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

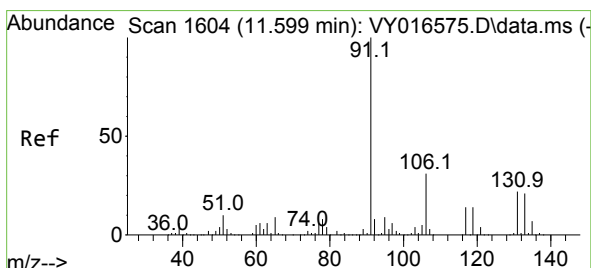
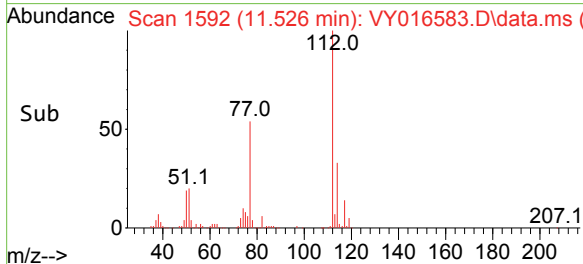
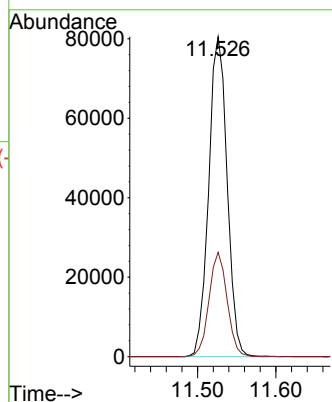
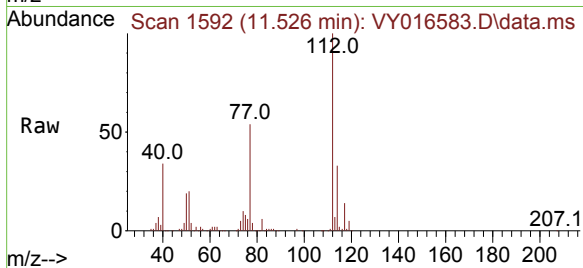
VY1204SBS01

Tgt Ion:112 Resp: 131511

Ion Ratio Lower Upper

112 100

114 32.6 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.037 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

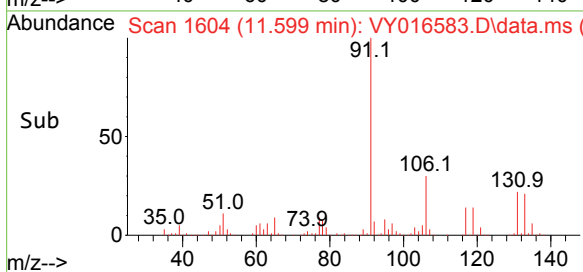
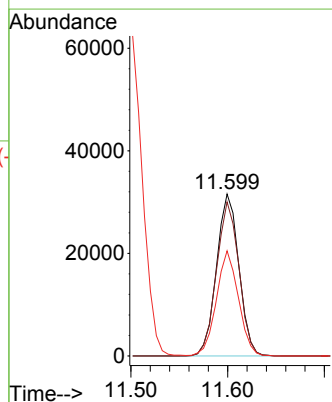
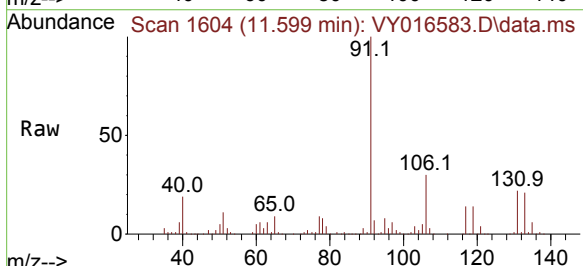
Tgt Ion:131 Resp: 50606

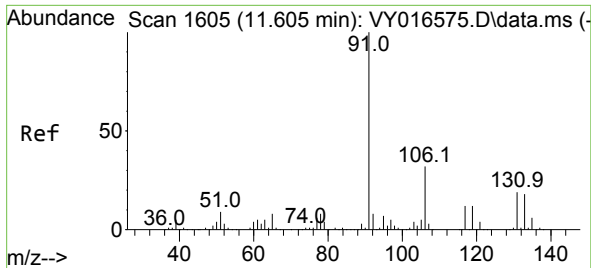
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.2 31.6 94.7

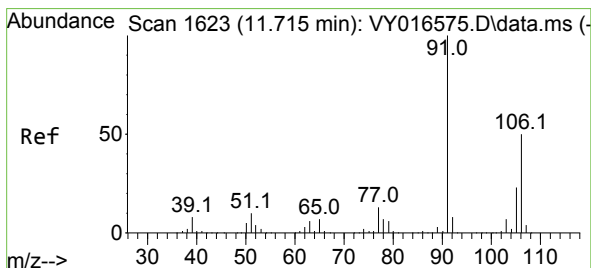
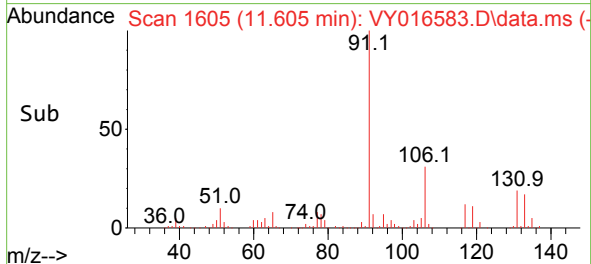
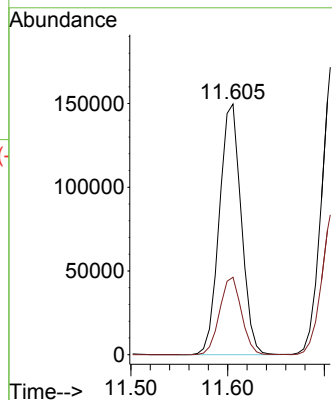
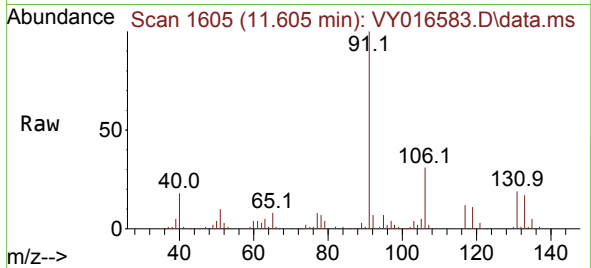




#67
Ethyl Benzene
Concen: 21.280 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

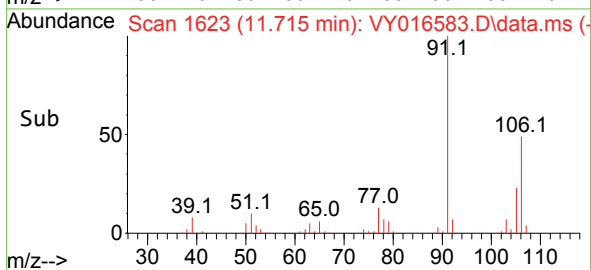
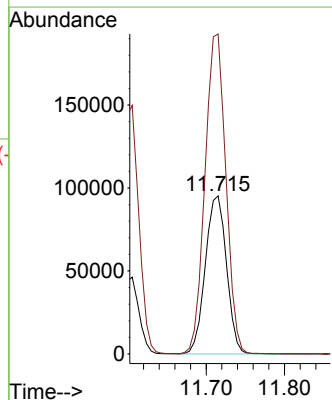
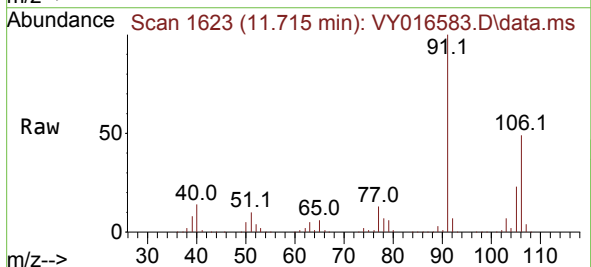
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

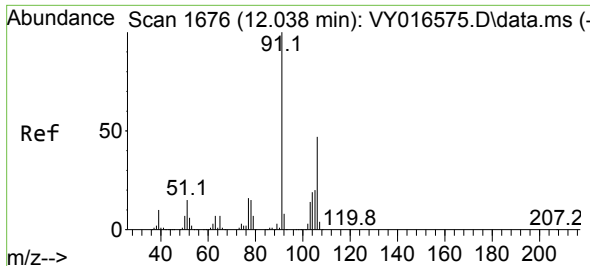
Tgt Ion: 91 Resp: 234895
Ion Ratio Lower Upper
91 100
106 30.9 24.6 36.8



#68
m/p-Xylenes
Concen: 42.769 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 106 Resp: 179217
Ion Ratio Lower Upper
106 100
91 199.4 166.1 249.1

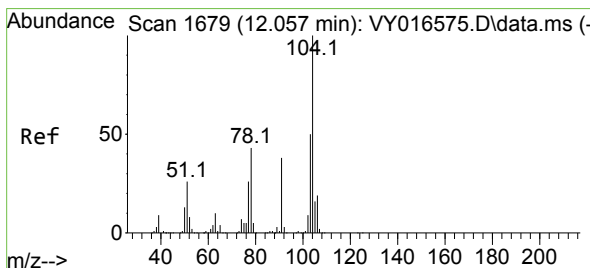
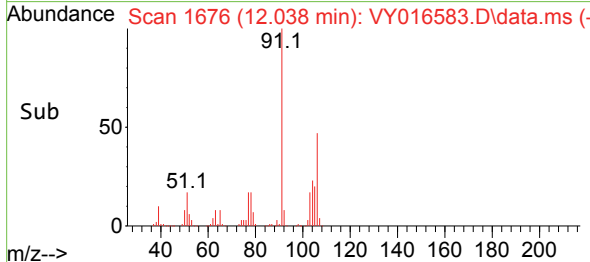
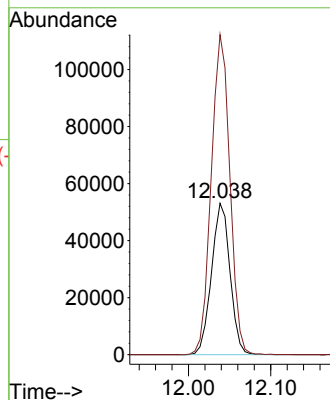
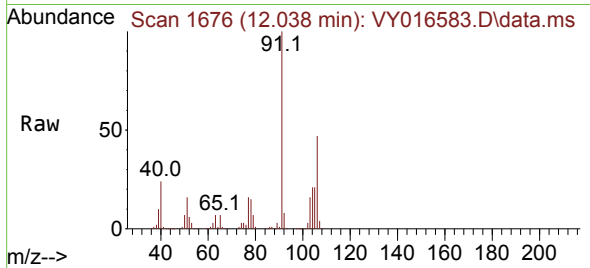




#69
o-Xylene
Concen: 21.234 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

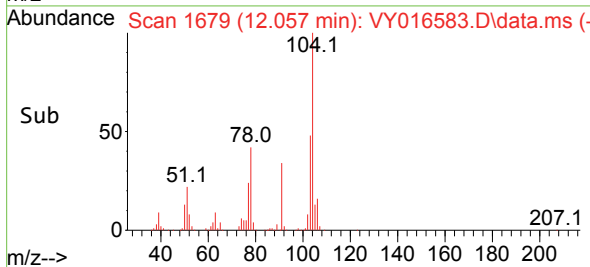
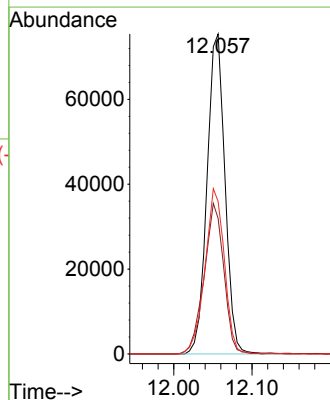
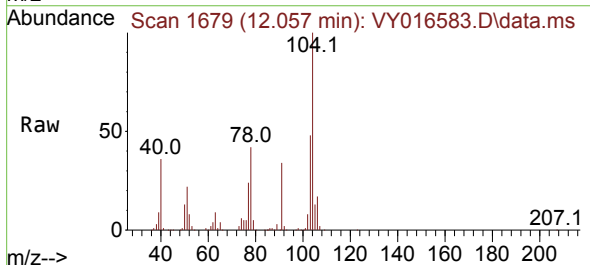
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

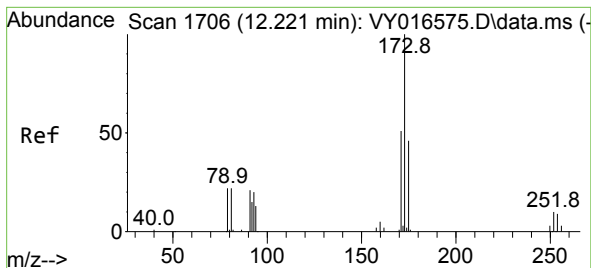
Tgt Ion:106 Resp: 83060
Ion Ratio Lower Upper
106 100
91 212.7 108.1 324.3



#70
Styrene
Concen: 21.375 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion:104 Resp: 119966
Ion Ratio Lower Upper
104 100
78 51.5 41.5 62.3
103 55.9 44.6 67.0





#71

Bromoform

Concen: 21.341 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

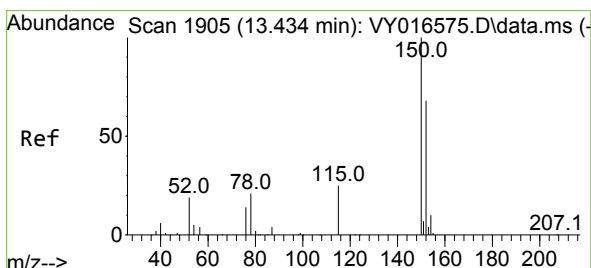
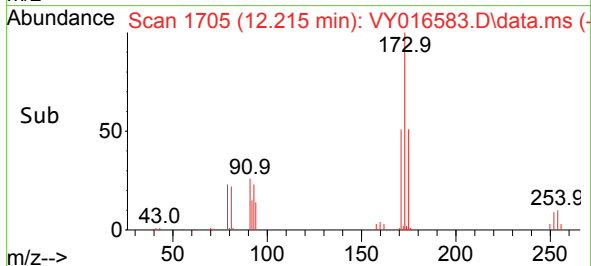
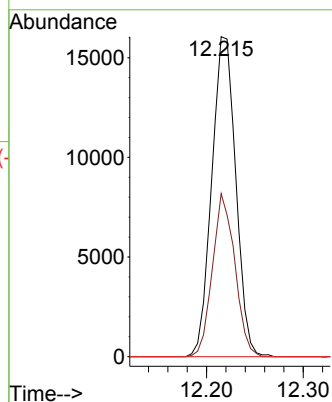
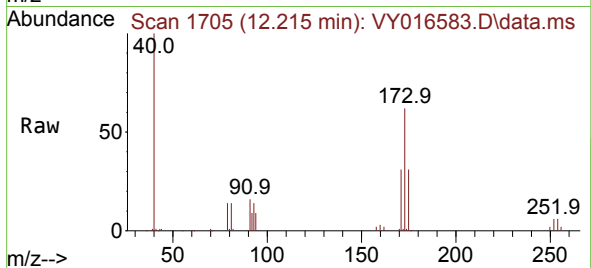
Tgt Ion:173 Resp: 27721

Ion Ratio Lower Upper

173 100

175 47.4 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

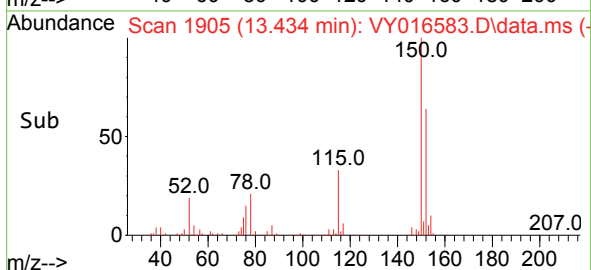
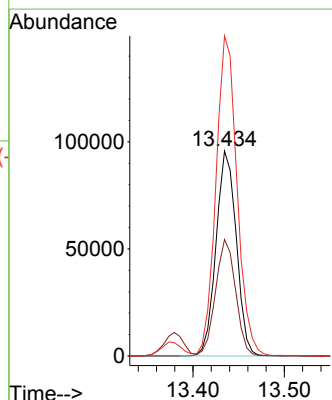
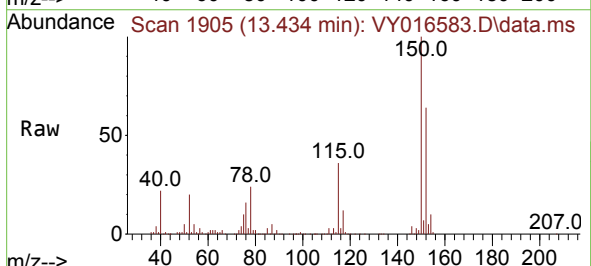
Tgt Ion:152 Resp: 147542

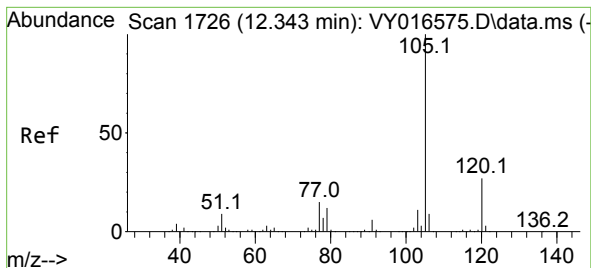
Ion Ratio Lower Upper

152 100

115 56.3 28.8 86.5

150 162.1 0.0 348.8





#73

Isopropylbenzene

Concen: 21.054 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

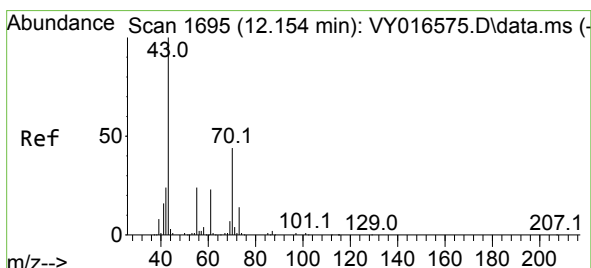
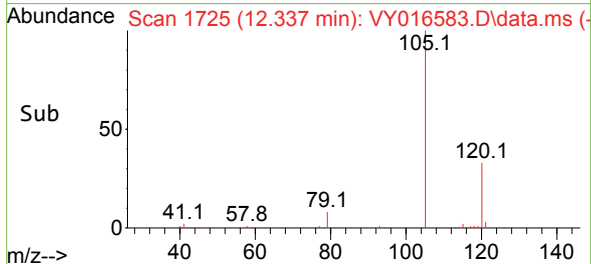
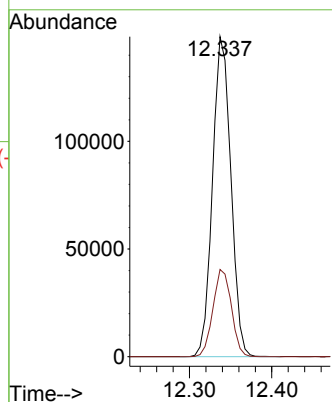
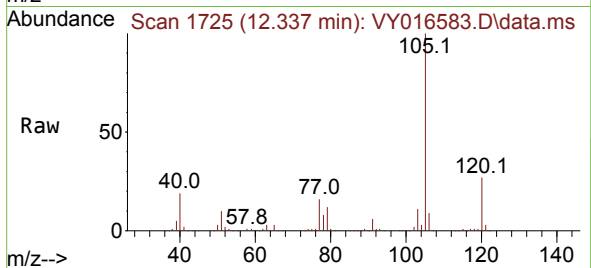
VY1204SBS01

Tgt Ion:105 Resp: 230017

Ion Ratio Lower Upper

105 100

120 27.3 13.3 39.9



#74

N-amy1 acetate

Concen: 20.698 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Tgt Ion: 43 Resp: 45090

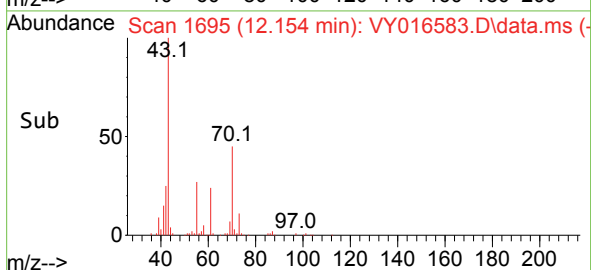
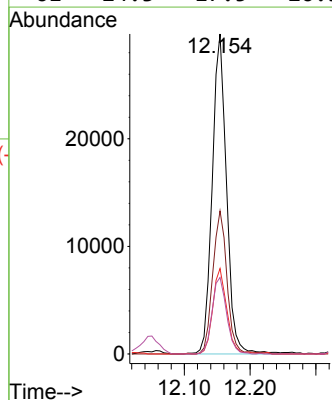
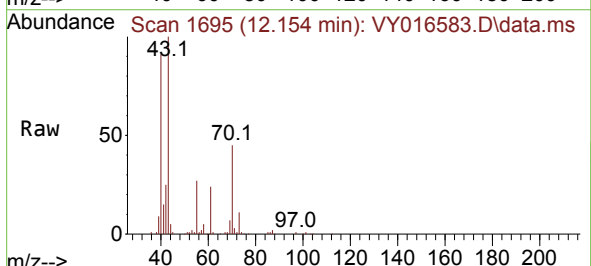
Ion Ratio Lower Upper

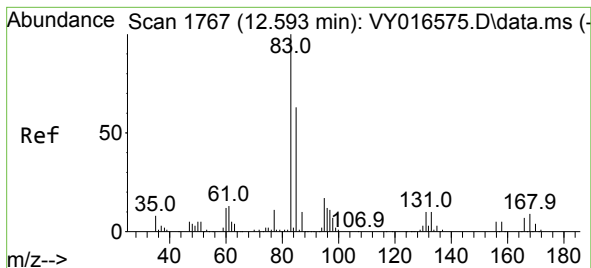
43 100

70 44.9 29.7 44.5#

55 26.3 18.3 27.5

61 24.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.665 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

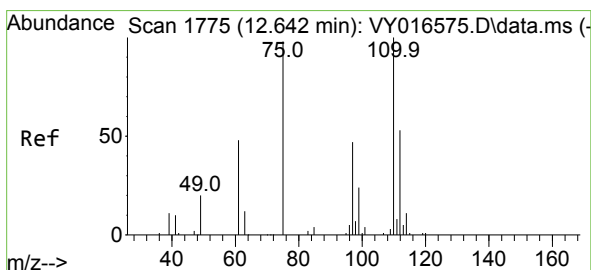
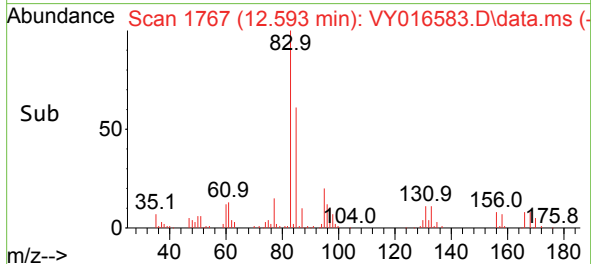
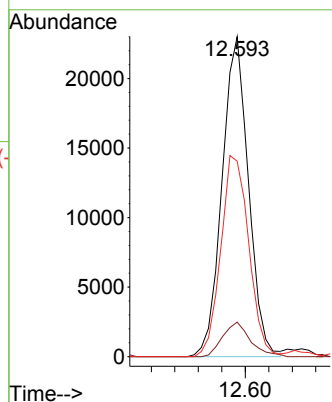
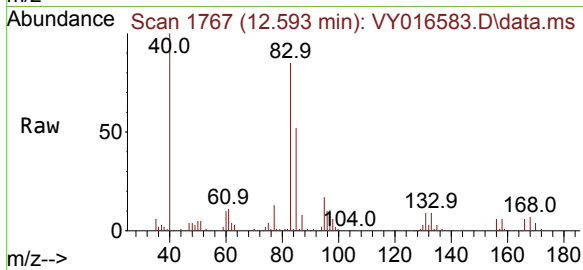
Tgt Ion: 83 Resp: 35908

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 66.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.123 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY016583.D

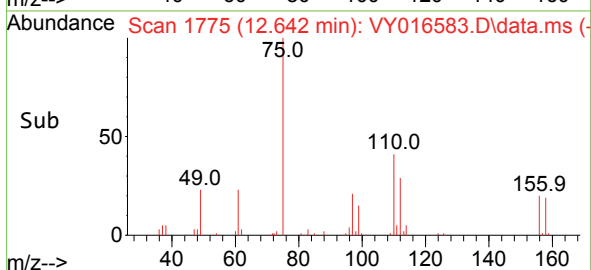
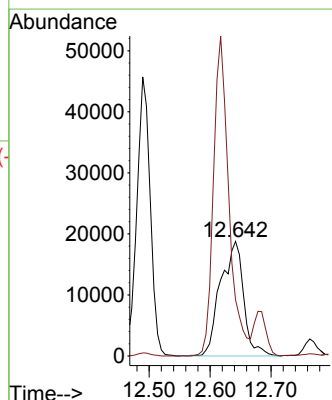
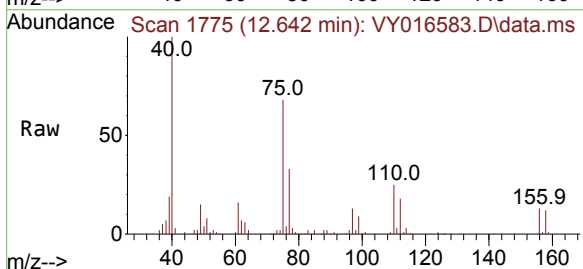
Acq: 04 Dec 2023 17:42

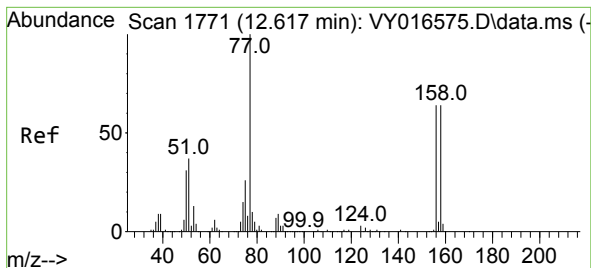
Tgt Ion: 75 Resp: 49477

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.940 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

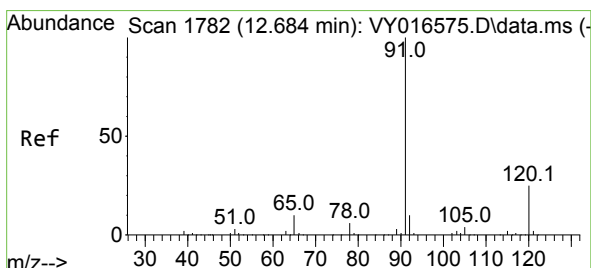
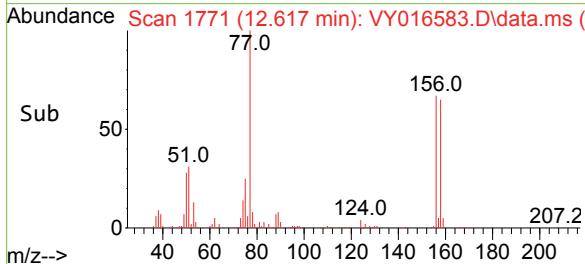
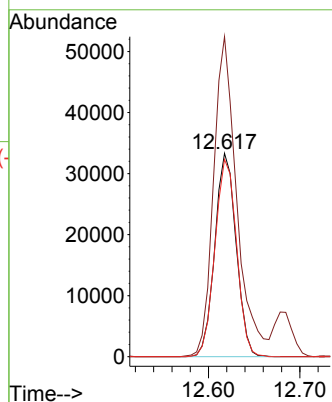
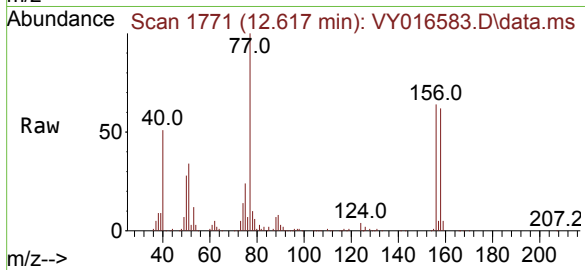
Tgt Ion:156 Resp: 53917

Ion Ratio Lower Upper

156 100

77 171.9 92.8 278.6

158 98.6 48.4 145.3



#78

n-propylbenzene

Concen: 21.449 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VY016583.D

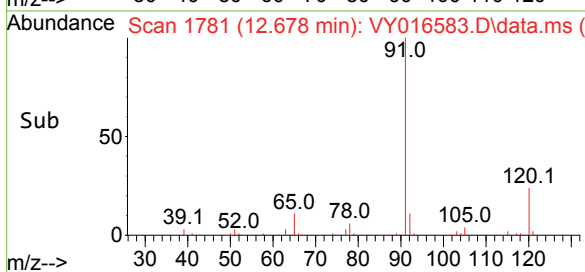
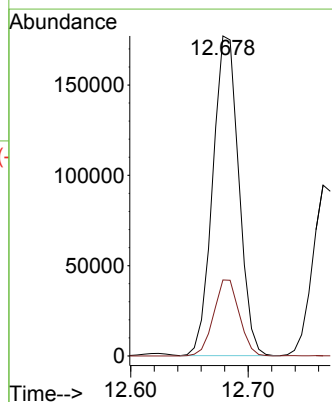
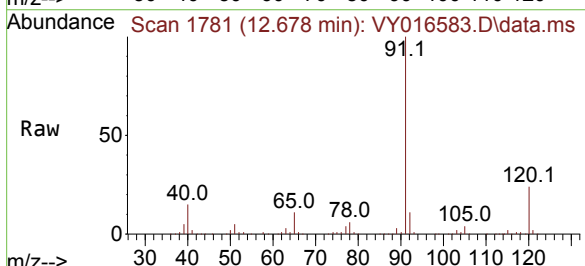
Acq: 04 Dec 2023 17:42

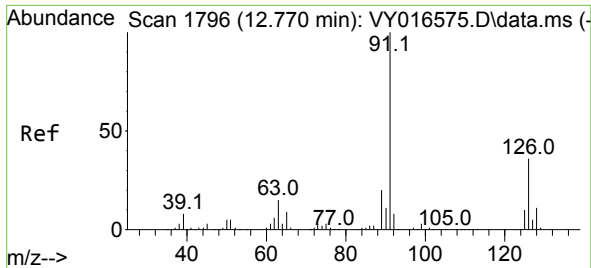
Tgt Ion: 91 Resp: 272744

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

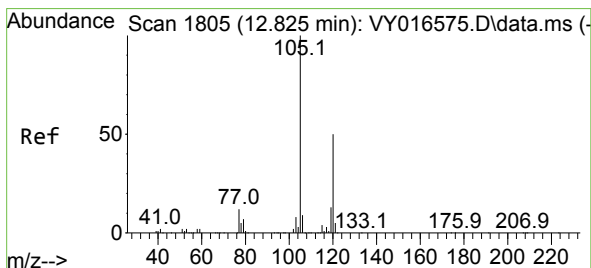
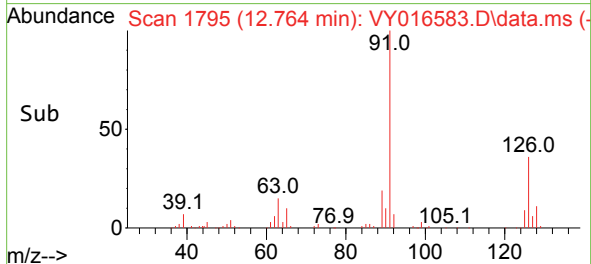
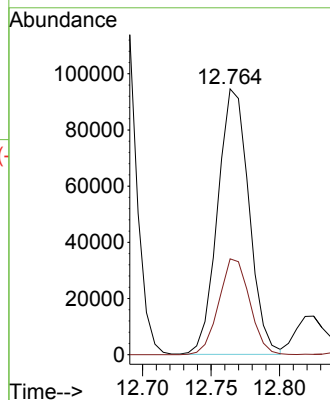
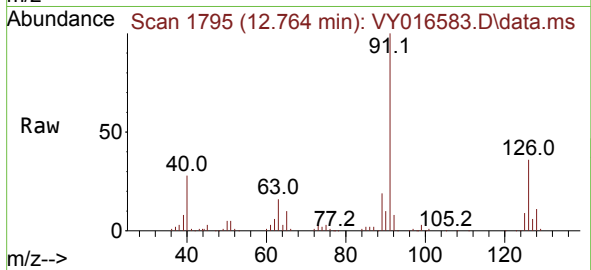




#79
2-Chlorotoluene
Concen: 21.038 ug/l
RT: 12.764 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

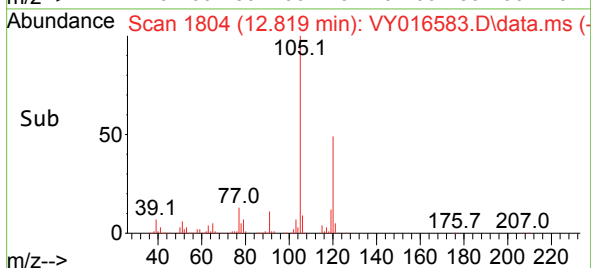
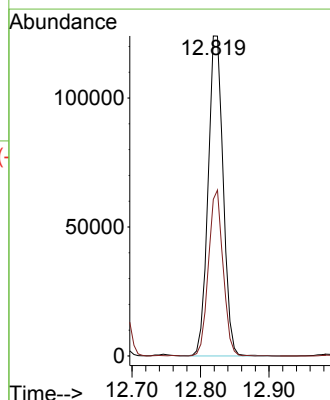
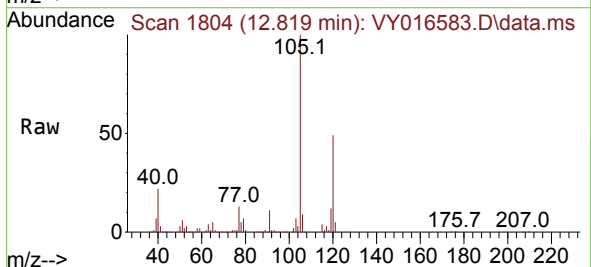
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

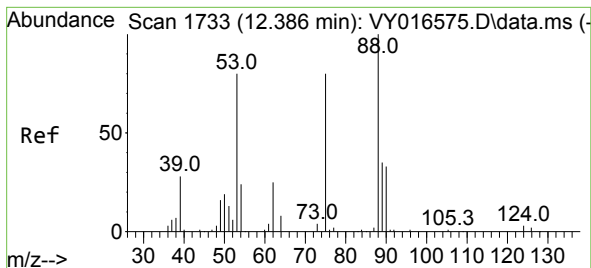
Tgt Ion: 91 Resp: 150747
Ion Ratio Lower Upper
91 100
126 35.5 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 21.376 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 105 Resp: 189756
Ion Ratio Lower Upper
105 100
120 50.3 23.9 71.7

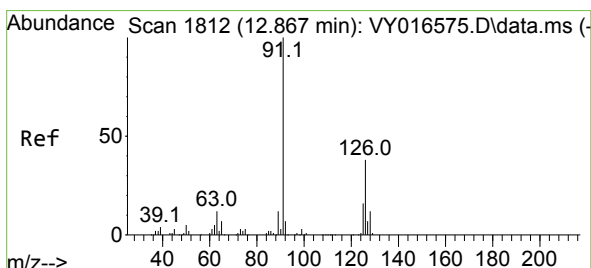
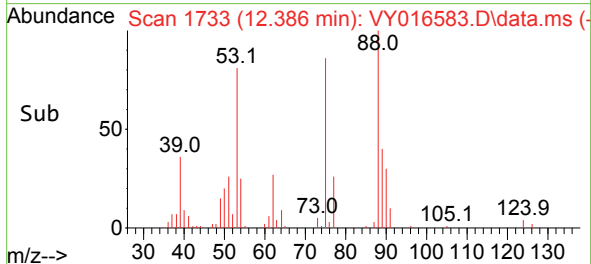
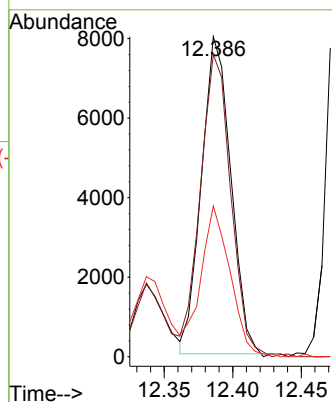
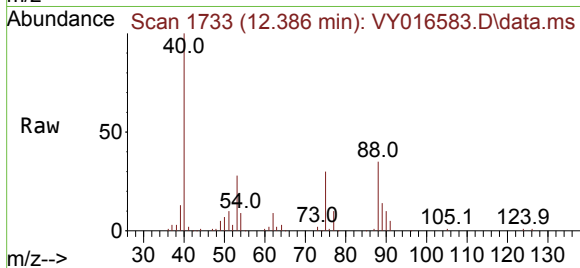




#81
trans-1,4-Dichloro-2-butene
Concen: 20.055 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

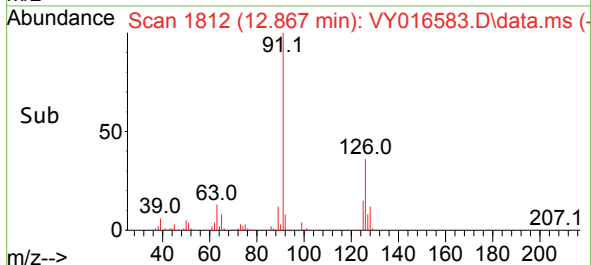
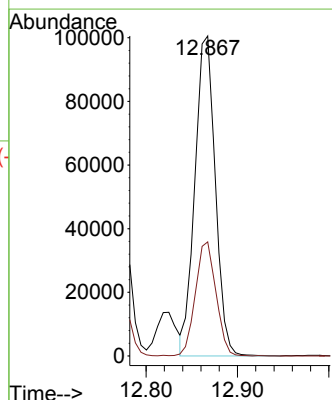
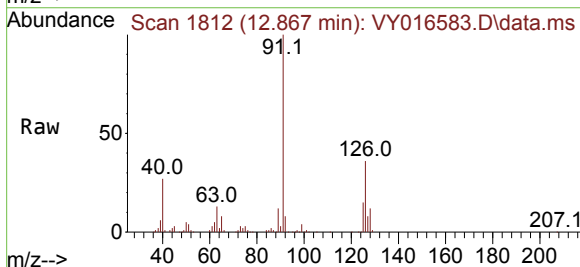
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBSD01

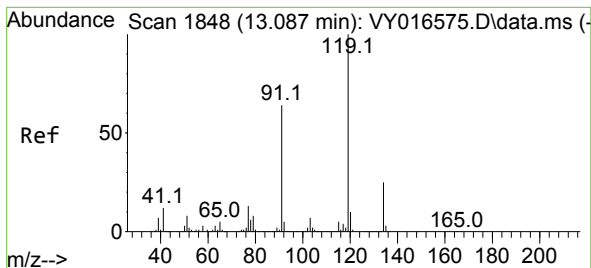
Tgt Ion: 75 Resp: 11849
Ion Ratio Lower Upper
75 100
53 99.1 77.8 116.8
89 48.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.059 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.000 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion: 91 Resp: 156141
Ion Ratio Lower Upper
91 100
126 36.0 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.138 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

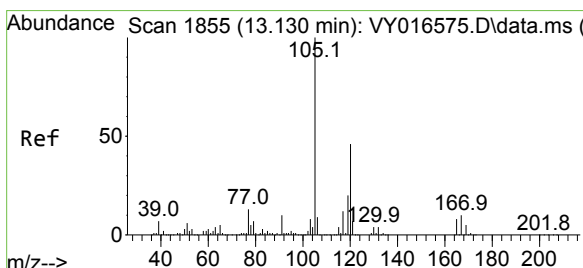
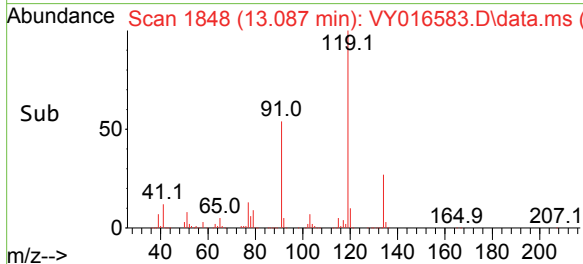
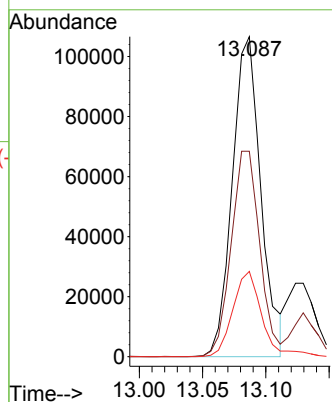
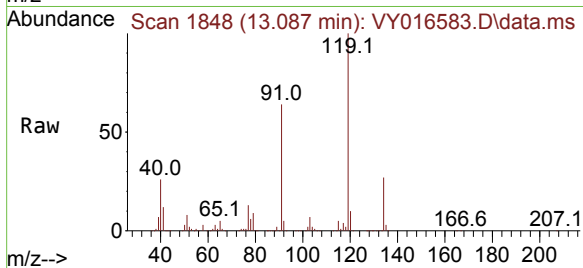
Tgt Ion:119 Resp: 167654

Ion Ratio Lower Upper

119 100

91 64.2 32.9 98.6

134 27.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.396 ug/l

RT: 13.130 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016583.D

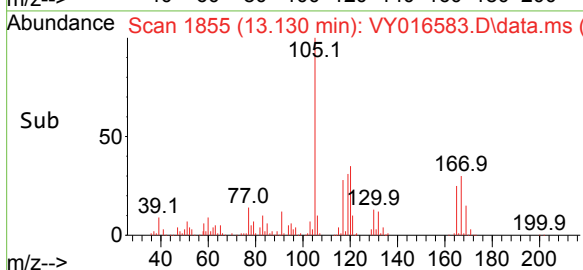
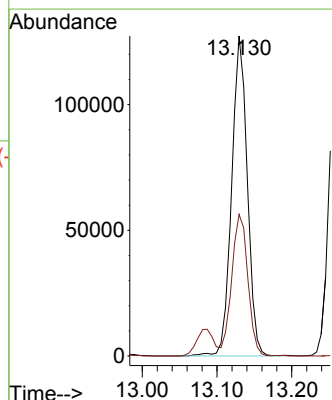
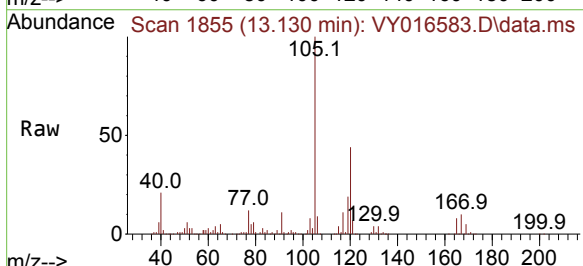
Acq: 04 Dec 2023 17:42

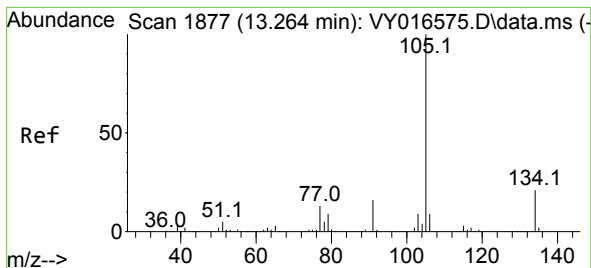
Tgt Ion:105 Resp: 185525

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.166 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

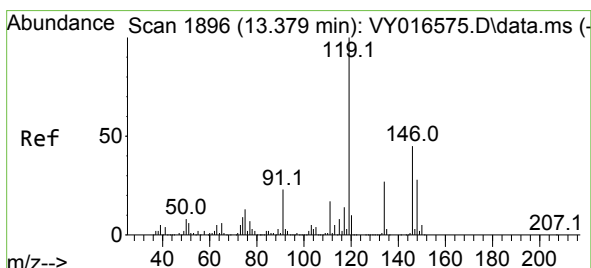
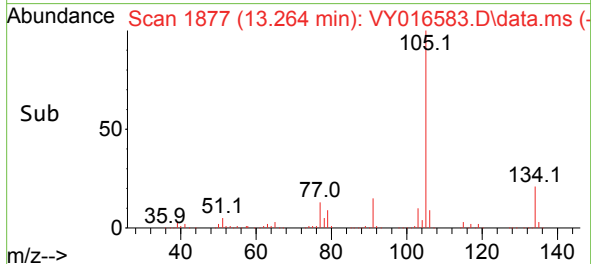
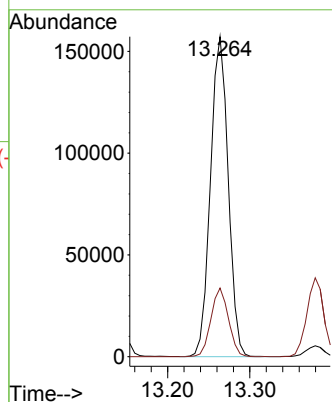
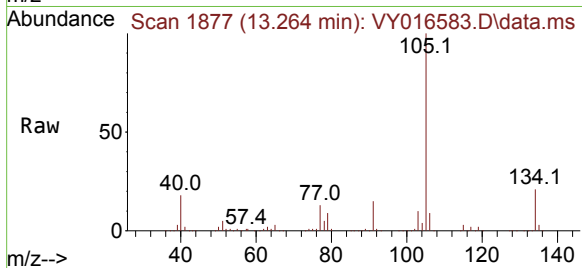
VY1204SBSD01

Tgt Ion:105 Resp: 235789

Ion Ratio Lower Upper

105 100

134 21.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.388 ug/l

RT: 13.380 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

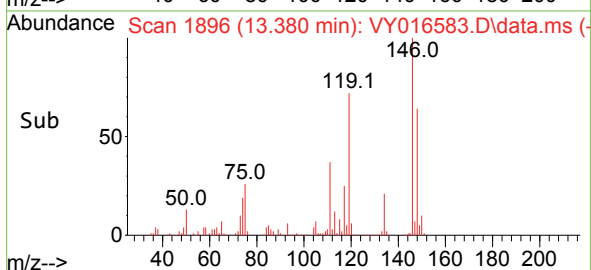
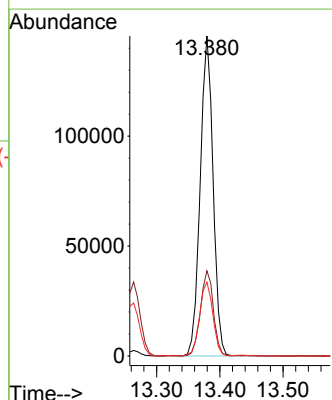
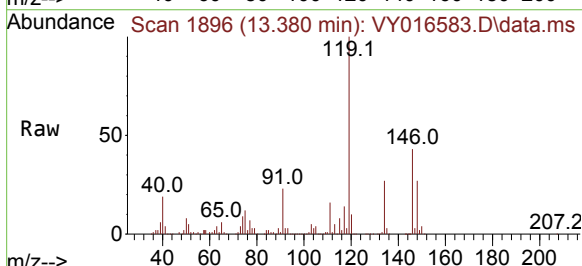
Tgt Ion:119 Resp: 206827

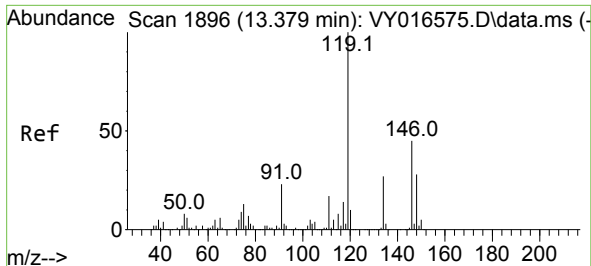
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.6 12.4 37.4

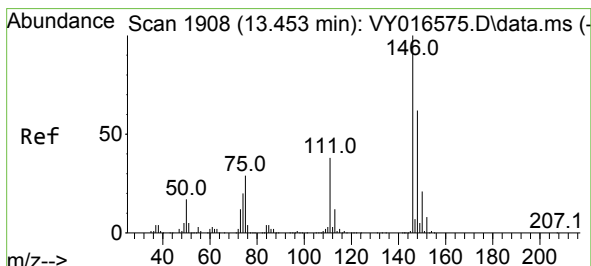
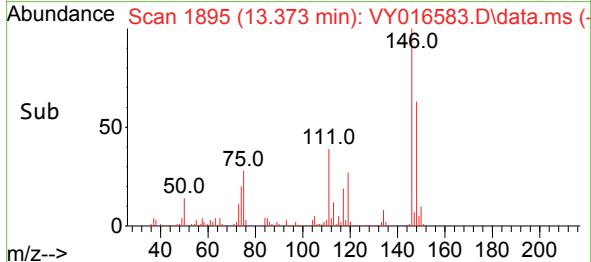
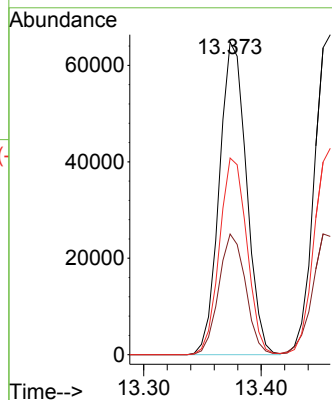
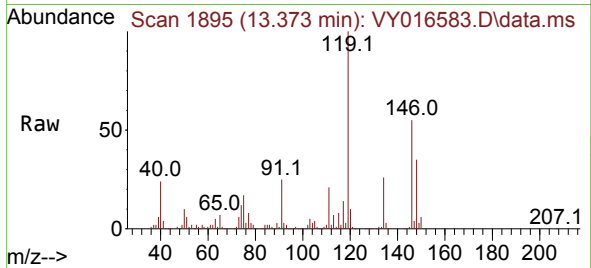




#87
1,3-Dichlorobenzene
Concen: 21.194 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

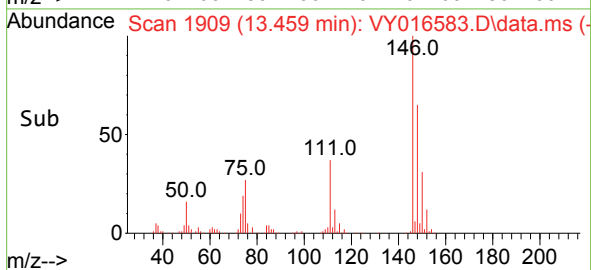
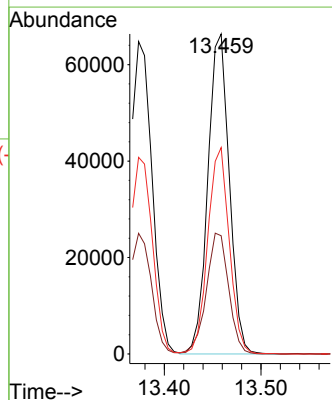
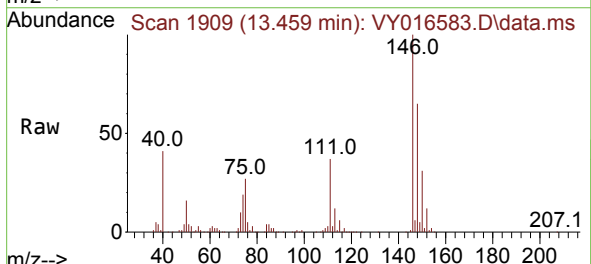
Instrument :
MSVOA_Y
ClientSampleId :
VY1204SBS01

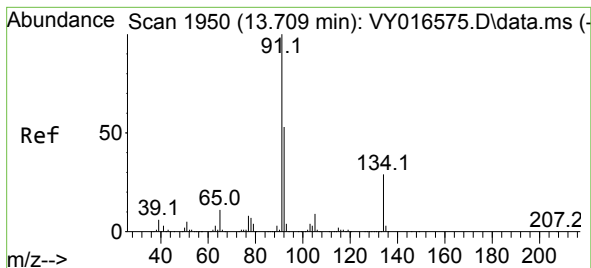
Tgt Ion:146 Resp: 104170
Ion Ratio Lower Upper
146 100
111 38.2 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 21.199 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016583.D
Acq: 04 Dec 2023 17:42

Tgt Ion:146 Resp: 102260
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 64.6 32.1 96.5





#89

n-Butylbenzene

Concen: 21.172 ug/l

RT: 13.709 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

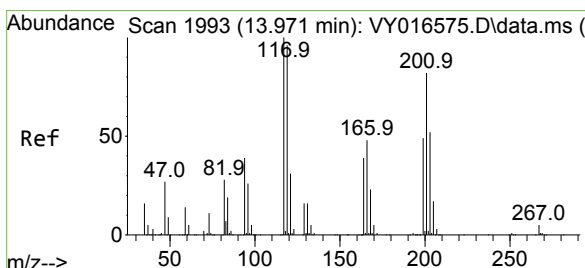
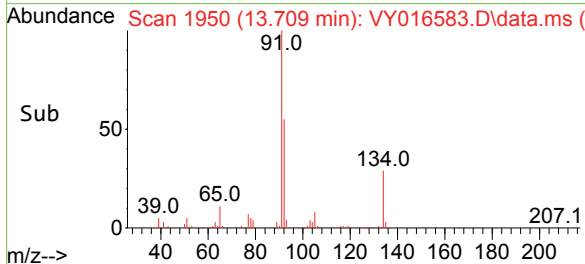
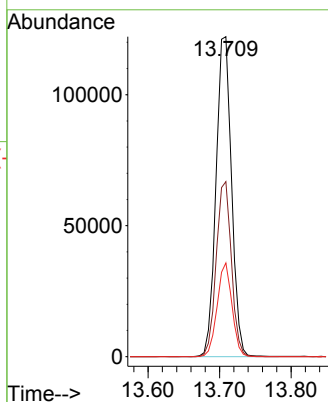
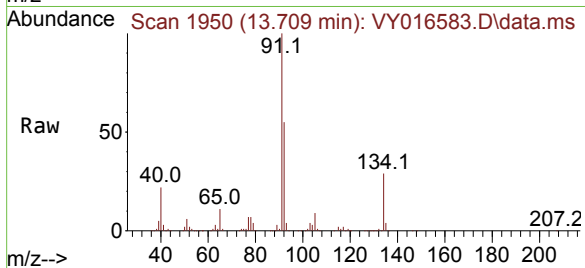
Tgt Ion: 91 Resp: 184115

Ion Ratio Lower Upper

91 100

92 53.6 25.4 76.0

134 27.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.439 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016583.D

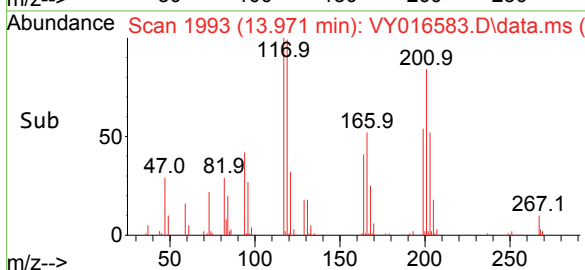
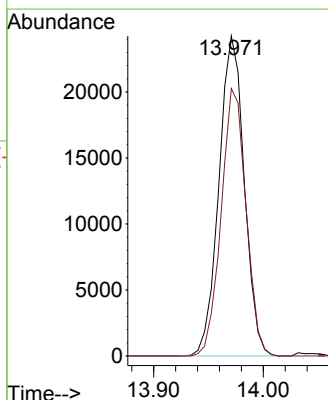
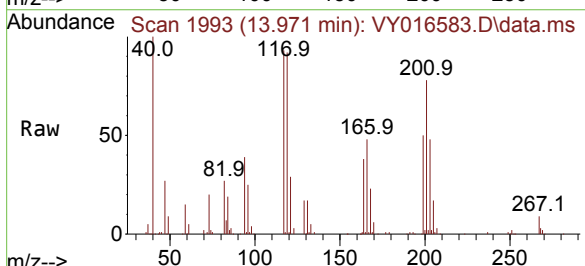
Acq: 04 Dec 2023 17:42

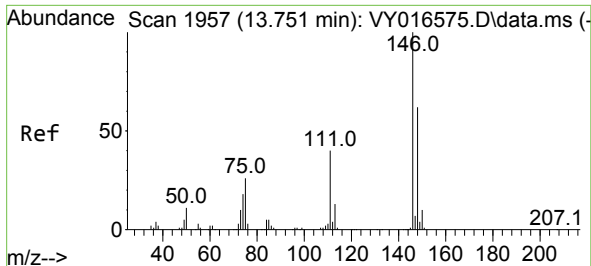
Tgt Ion: 117 Resp: 38889

Ion Ratio Lower Upper

117 100

201 82.0 41.6 124.8

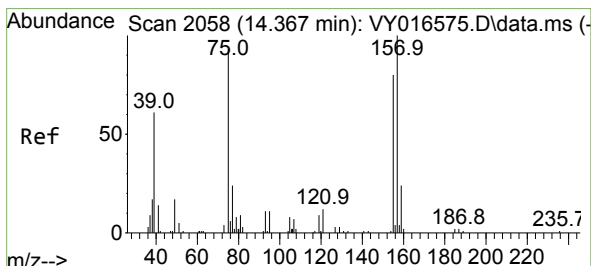
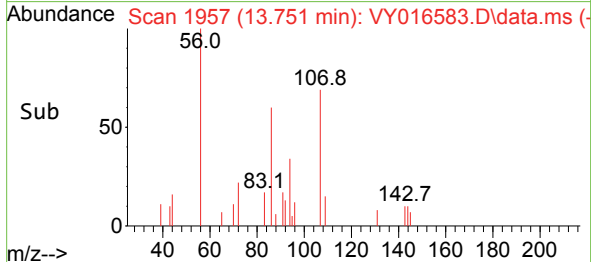
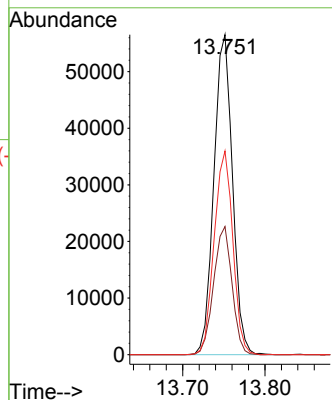
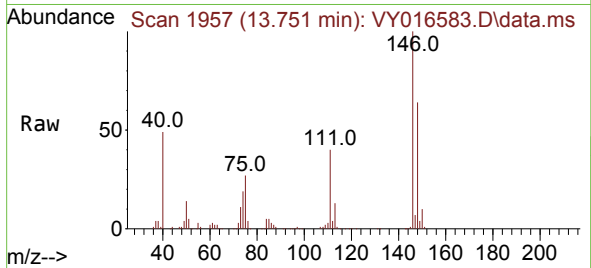




#91
 1,2-Dichlorobenzene
 Concen: 20.992 ug/l
 RT: 13.751 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

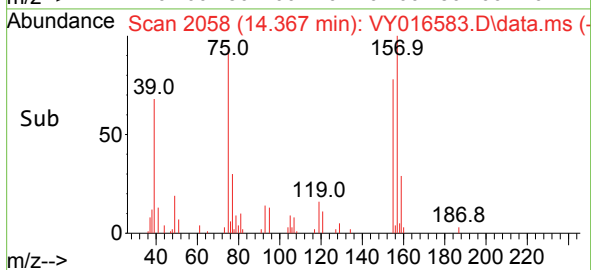
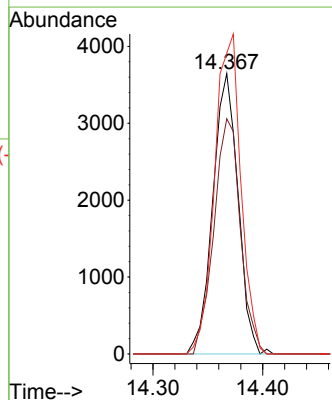
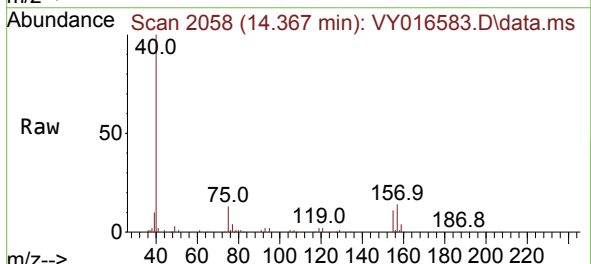
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1204SBSD01

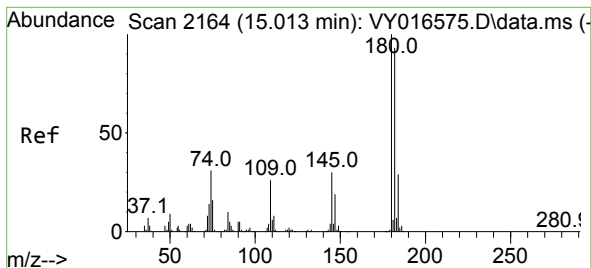
Tgt Ion:146 Resp: 88586
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.0
 148 64.0 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.991 ug/l
 RT: 14.367 min Scan# 2058
 Delta R.T. 0.000 min
 Lab File: VY016583.D
 Acq: 04 Dec 2023 17:42

Tgt Ion: 75 Resp: 5837
 Ion Ratio Lower Upper
 75 100
 155 87.7 41.5 124.6
 157 118.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.572 ug/l

RT: 15.020 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBSD01

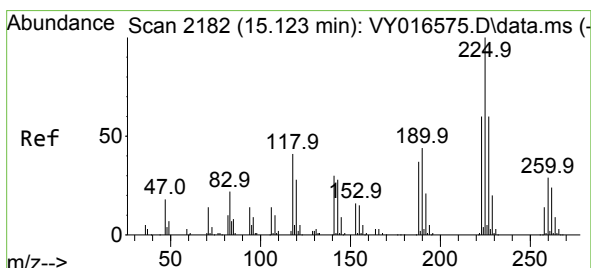
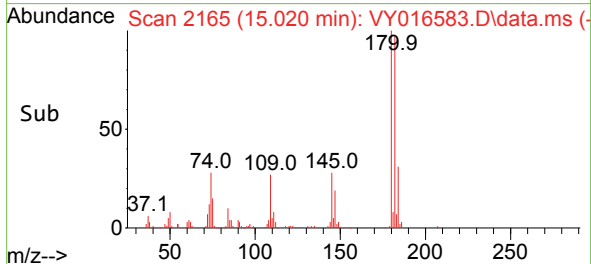
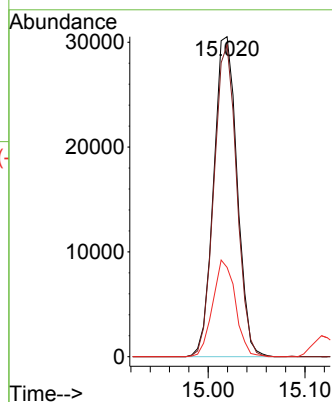
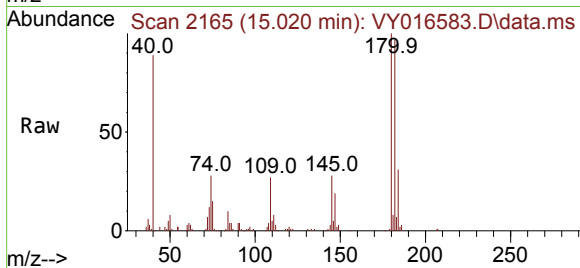
Tgt Ion:180 Resp: 51368

Ion Ratio Lower Upper

180 100

182 94.5 47.0 141.2

145 29.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.933 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

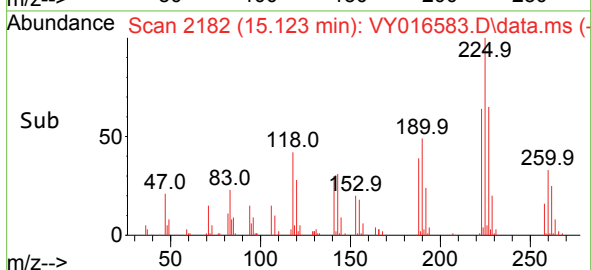
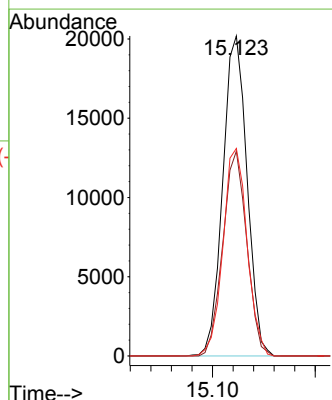
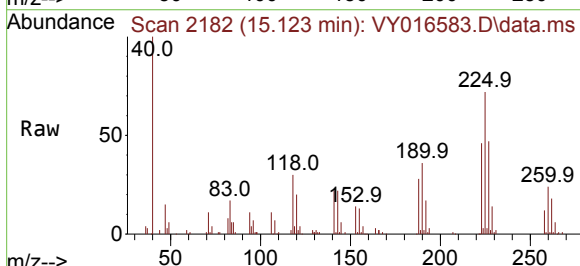
Tgt Ion:225 Resp: 32998

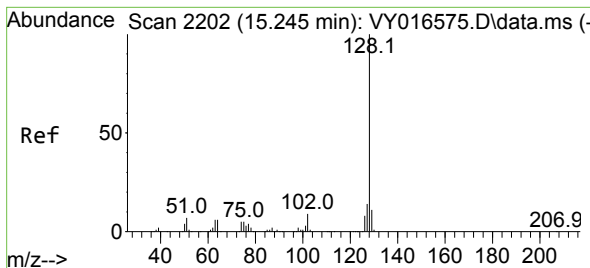
Ion Ratio Lower Upper

225 100

223 63.2 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 24.025 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Instrument :

MSVOA_Y

ClientSampleId :

VY1204SBS01

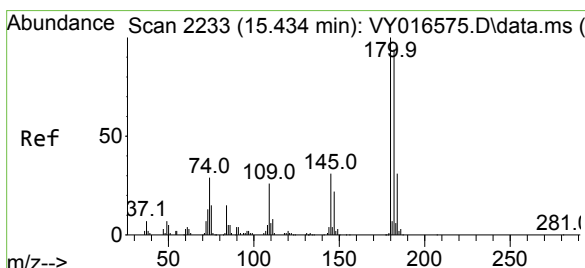
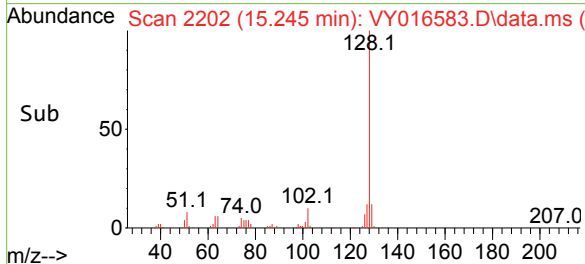
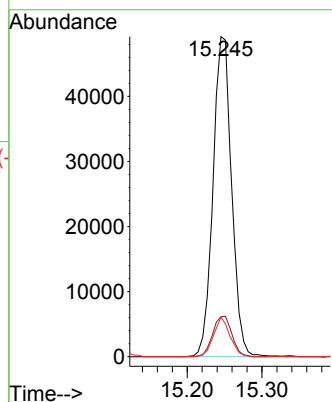
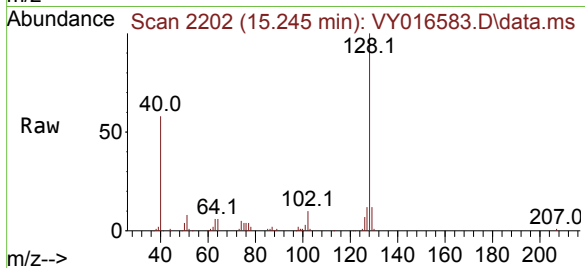
Tgt Ion:128 Resp: 85182

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.499 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.000 min

Lab File: VY016583.D

Acq: 04 Dec 2023 17:42

Tgt Ion:180 Resp: 41132

Ion Ratio Lower Upper

180 100

182 95.8 47.3 141.8

145 31.6 15.4 46.2

