

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016867.D
 Acq On : 27 Dec 2023 10:37
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 03:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	138566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	235154	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.501	117	204424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	88985	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.154	65	73959	58.467	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.940%	
35) Dibromofluoromethane	7.728	113	76693	56.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.880%	
50) Toluene-d8	10.191	98	276481	56.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.880%	
62) 4-Bromofluorobenzene	12.489	95	89471	56.793	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.905	85	23891	20.175	ug/l	96
3) Chloromethane	2.119	50	36653	20.137	ug/l	97
4) Vinyl Chloride	2.259	62	43105	20.966	ug/l	97
5) Bromomethane	2.655	94	31180	21.293	ug/l	96
6) Chloroethane	2.802	64	29249	20.995	ug/l	95
7) Trichlorofluoromethane	3.137	101	50596	21.125	ug/l	95
8) Diethyl Ether	3.533	74	16028	20.919	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.911	101	31814	21.654	ug/l	99
10) Methyl Iodide	4.106	142	25402	16.592	ug/l	99
11) Tert butyl alcohol	4.966	59	13094	126.249	ug/l	99
12) 1,1-Dichloroethene	3.887	96	26802	20.489	ug/l	94
13) Acrolein	3.734	56	11654	145.633	ug/l	98
14) Allyl chloride	4.496	41	42744	21.333	ug/l	98
15) Acrylonitrile	5.173	53	39391	121.403	ug/l	99
16) Acetone	3.954	43	50912	148.839	ug/l	97
17) Carbon Disulfide	4.210	76	64207	18.039	ug/l	97
18) Methyl Acetate	4.496	43	29594	22.139	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	73202	21.748	ug/l	98
20) Methylene Chloride	4.734	84	35543	18.067	ug/l	98
21) trans-1,2-Dichloroethene	5.234	96	31862	21.356	ug/l	93
22) Diisopropyl ether	6.136	45	104363	23.023	ug/l	96
23) Vinyl Acetate	6.075	43	251230	117.184	ug/l	99
24) 1,1-Dichloroethane	6.033	63	60811	22.332	ug/l	97
25) 2-Butanone	6.996	43	63387	134.593	ug/l	95
26) 2,2-Dichloropropane	6.996	77	51336	21.604	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	37121	21.619	ug/l	98
28) Bromochloromethane	7.350	49	22975	21.318	ug/l	97
29) Tetrahydrofuran	7.362	42	31209	121.192	ug/l	97
30) Chloroform	7.520	83	63337	22.721	ug/l	99
31) Cyclohexane	7.795	56	48089	19.842	ug/l	96
32) 1,1,1-Trichloroethane	7.715	97	52937	21.634	ug/l	99
36) 1,1-Dichloropropene	7.929	75	45653	21.141	ug/l	99
37) Ethyl Acetate	7.087	43	23225	25.092	ug/l	99
38) Carbon Tetrachloride	7.910	117	45106	21.108	ug/l	100
39) Methylcyclohexane	9.197	83	48611	19.497	ug/l	99
40) Benzene	8.173	78	136045	21.649	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016867.D
 Acq On : 27 Dec 2023 10:37
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 03:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	11298	22.990	ug/l	93
42) 1,2-Dichloroethane	8.246	62	37703	22.997	ug/l	100
43) Isopropyl Acetate	8.282	43	40729	22.656	ug/l	99
44) Trichloroethene	8.953	130	33813	21.081	ug/l	99
45) 1,2-Dichloropropane	9.227	63	35284	22.383	ug/l	100
46) Dibromomethane	9.313	93	18463	22.672	ug/l	97
47) Bromodichloromethane	9.508	83	47957	22.343	ug/l	97
48) Methyl methacrylate	9.300	41	21589	21.608	ug/l	94
49) 1,4-Dioxane	9.313	88	4001	506.197	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	113820	118.829	ug/l	98
52) Toluene	10.252	92	82017	21.779	ug/l	97
53) t-1,3-Dichloropropene	10.477	75	43619	22.287	ug/l	99
54) cis-1,3-Dichloropropene	9.941	75	52273	22.143	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	26871	23.127	ug/l	96
56) Ethyl methacrylate	10.520	69	22100	21.631	ug/l	97
57) 1,3-Dichloropropane	10.800	76	45547	23.079	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	54475	99.114	ug/l	99
59) 2-Hexanone	10.843	43	88339	123.685	ug/l	99
60) Dibromochloromethane	10.989	129	30376	22.600	ug/l	99
61) 1,2-Dibromoethane	11.099	107	23670	22.716	ug/l	99
64) Tetrachloroethene	10.727	164	26632	20.972	ug/l	98
65) Chlorobenzene	11.526	112	86060	21.427	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	32275	21.358	ug/l	97
67) Ethyl Benzene	11.599	91	153401	20.751	ug/l	100
68) m/p-Xylenes	11.709	106	115739	42.398	ug/l	100
69) o-Xylene	12.038	106	51952	20.744	ug/l	96
70) Styrene	12.050	104	78827	21.271	ug/l	99
71) Bromoform	12.215	173	16818	22.323	ug/l #	100
73) Isopropylbenzene	12.337	105	145698	21.023	ug/l	100
74) N-amyl acetate	12.154	43	32078	22.055	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	31397	22.671	ug/l	99
76) 1,2,3-Trichloropropane	12.641	75	36300	36.902	ug/l #	100
77) Bromobenzene	12.617	156	31979	21.152	ug/l	97
78) n-propylbenzene	12.678	91	180314	21.475	ug/l	99
79) 2-Chlorotoluene	12.763	91	98924	21.291	ug/l	99
80) 1,3,5-Trimethylbenzene	12.824	105	118031	21.515	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.385	75	8575	20.472	ug/l	99
82) 4-Chlorotoluene	12.861	91	102978	21.604	ug/l	99
83) tert-Butylbenzene	13.086	119	103082	21.602	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	115865	21.419	ug/l	100
85) sec-Butylbenzene	13.263	105	152183	21.532	ug/l	99
86) p-Isopropyltoluene	13.379	119	123876	21.046	ug/l	99
87) 1,3-Dichlorobenzene	13.379	146	62232	21.062	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	62682	21.726	ug/l	99
89) n-Butylbenzene	13.708	91	119765	21.285	ug/l	99
90) Hexachloroethane	13.970	117	26189	21.367	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	53813	21.379	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3887	21.652	ug/l	93
93) 1,2,4-Trichlorobenzene	15.019	180	26695	19.987	ug/l	99
94) Hexachlorobutadiene	15.117	225	16229	21.393	ug/l	97
95) Naphthalene	15.245	128	46808	18.704	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	22710	19.965	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
Data File : VY016867.D
Acq On : 27 Dec 2023 10:37
Operator : SY/MD
Sample : VY1227SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

Quant Time: Dec 28 03:42:19 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 21 01:49:45 2023
Response via : Initial Calibration

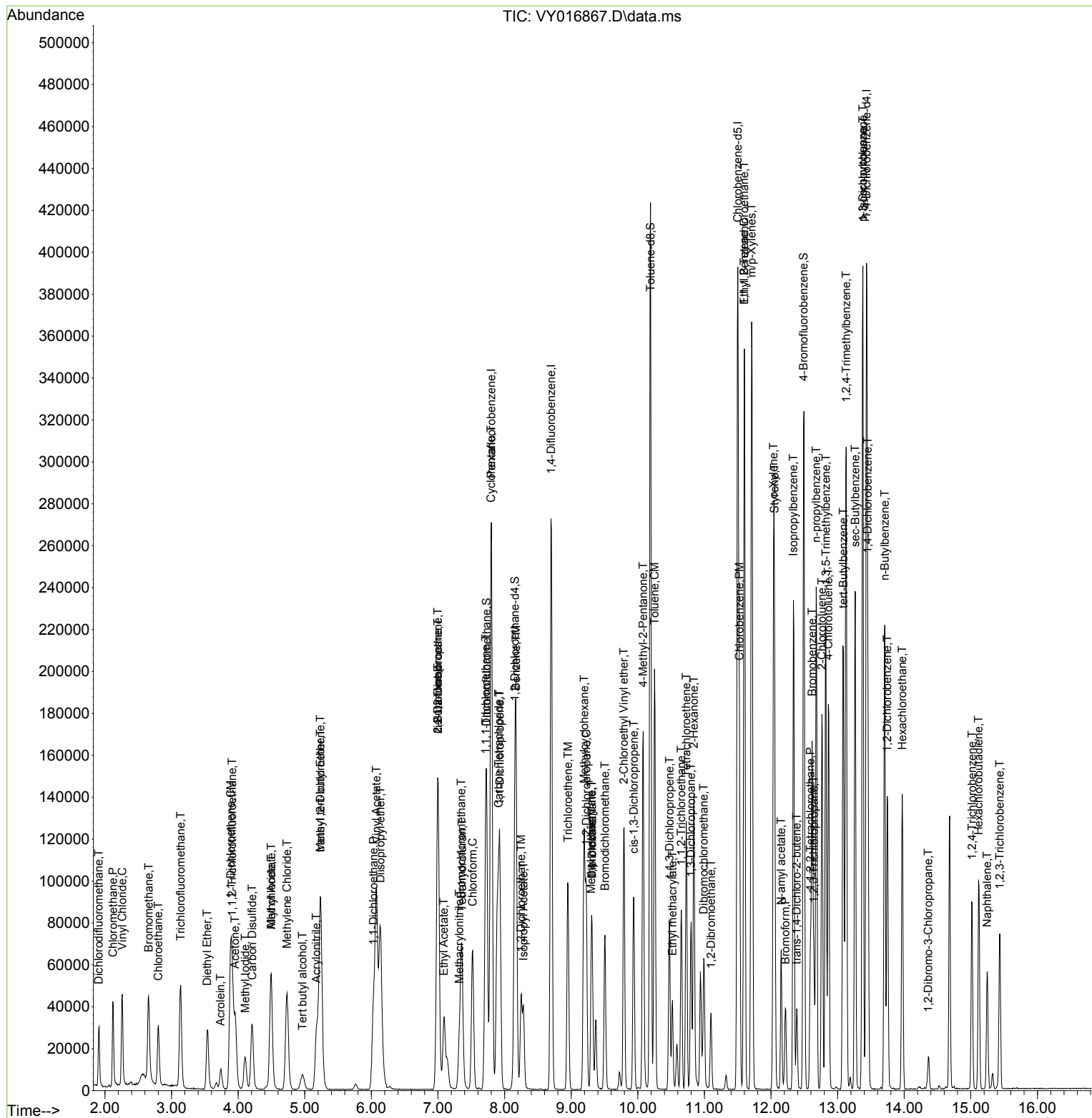
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

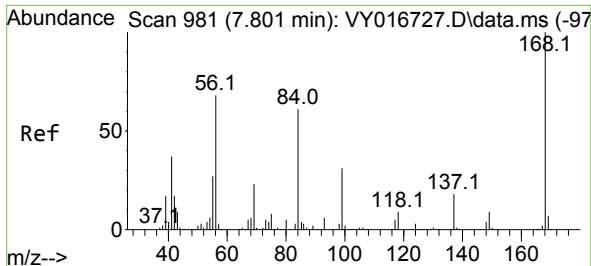
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122723\
 Data File : VY016867.D
 Acq On : 27 Dec 2023 10:37
 Operator : SY/MD
 Sample : VY1227SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

Quant Time: Dec 28 03:42:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

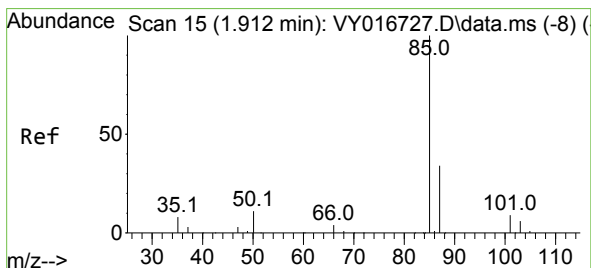
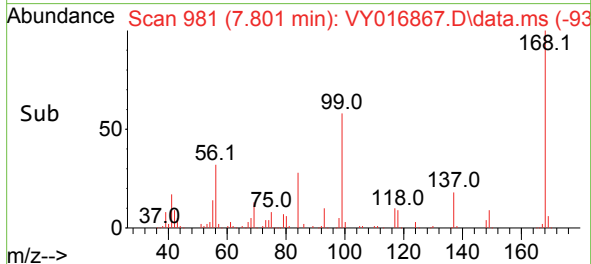
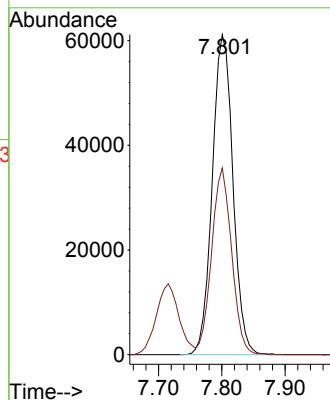
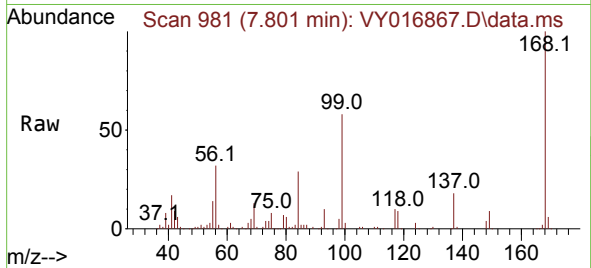




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

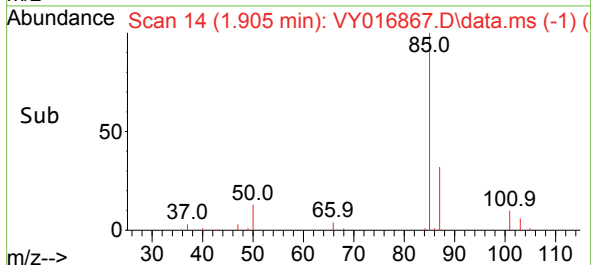
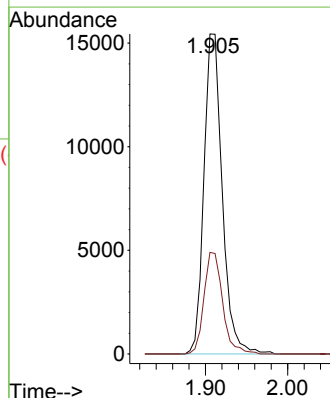
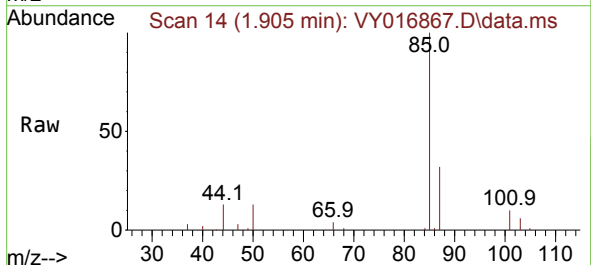
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

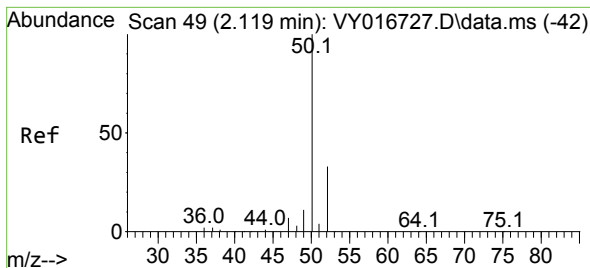
Tgt Ion:168 Resp: 138566
Ion Ratio Lower Upper
168 100
99 58.3 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 20.175 ug/l
RT: 1.905 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 85 Resp: 23891
Ion Ratio Lower Upper
85 100
87 31.7 17.1 51.3





#3

Chloromethane

Concen: 20.137 ug/l

RT: 2.119 min Scan# 49

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

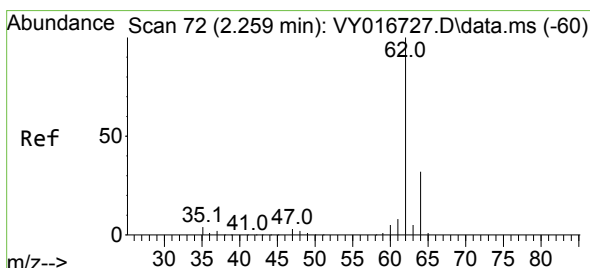
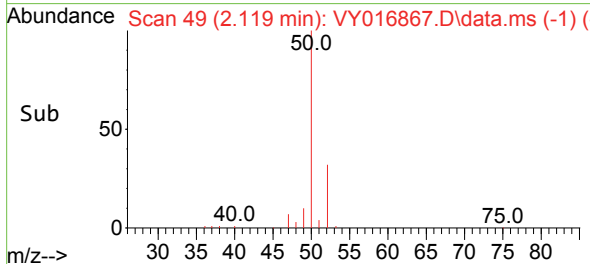
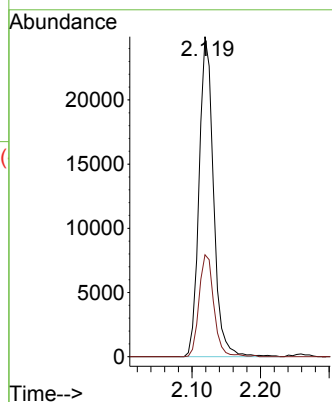
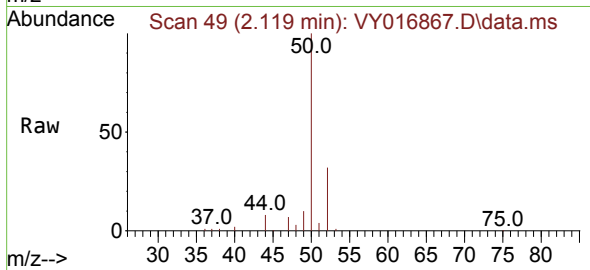
VY1227SBS01

Tgt Ion: 50 Resp: 36653

Ion Ratio Lower Upper

50 100

52 31.8 26.7 40.1



#4

Vinyl Chloride

Concen: 20.966 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016867.D

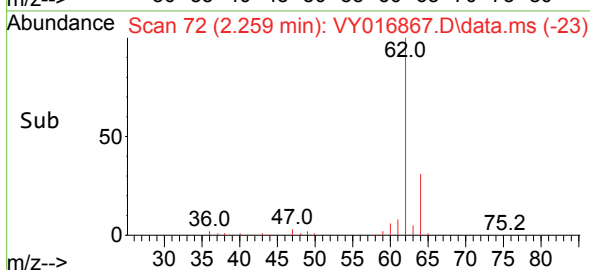
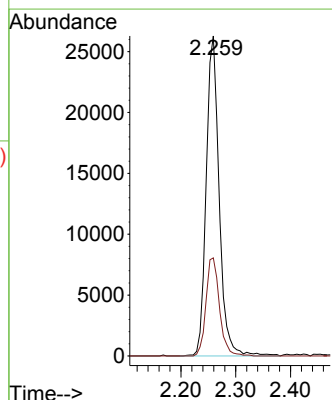
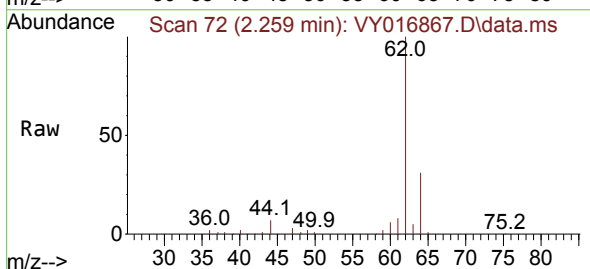
Acq: 27 Dec 2023 10:37

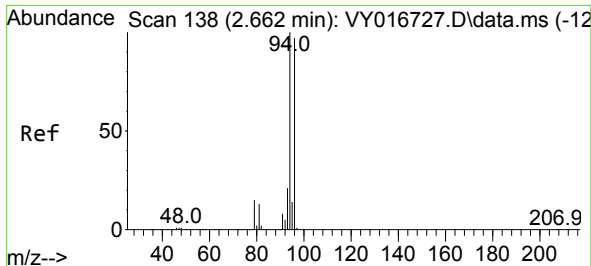
Tgt Ion: 62 Resp: 43105

Ion Ratio Lower Upper

62 100

64 30.6 25.7 38.5

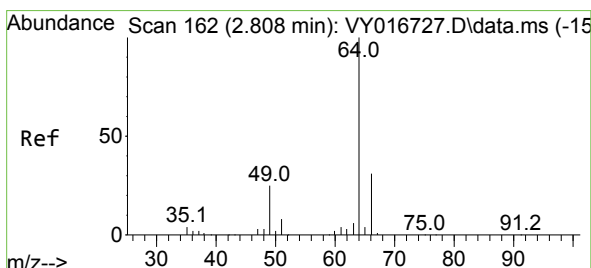
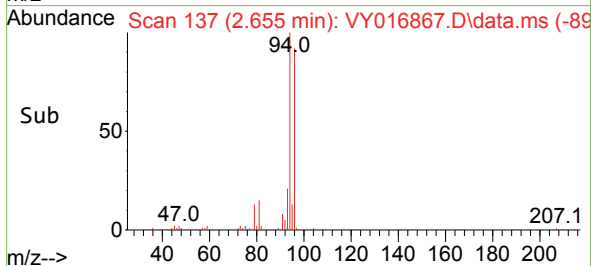
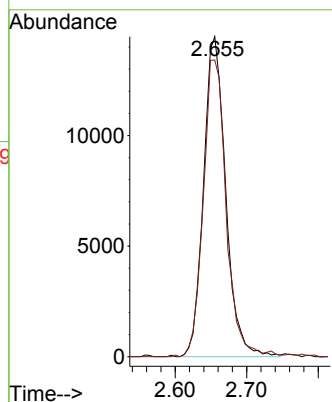
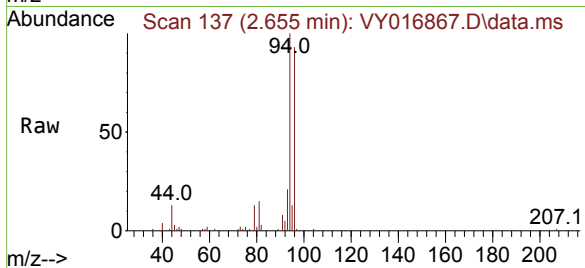




#5
Bromomethane
Concen: 21.293 ug/l
RT: 2.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

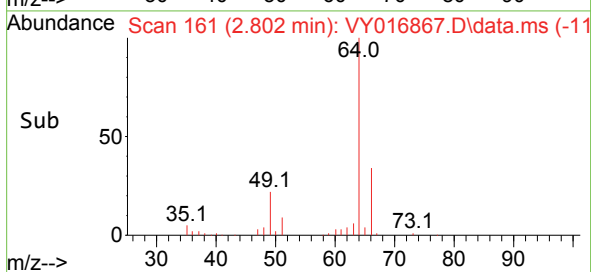
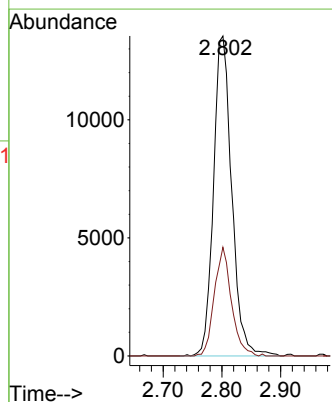
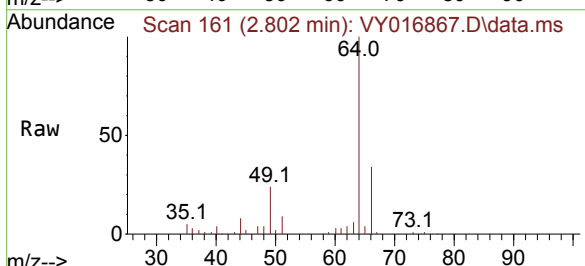
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

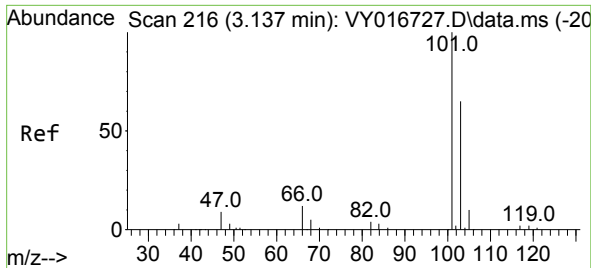
Tgt Ion: 94 Resp: 31180
Ion Ratio Lower Upper
94 100
96 92.7 77.3 115.9



#6
Chloroethane
Concen: 20.995 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 64 Resp: 29249
Ion Ratio Lower Upper
64 100
66 33.9 25.1 37.7

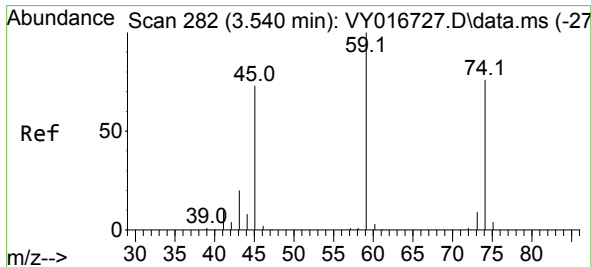
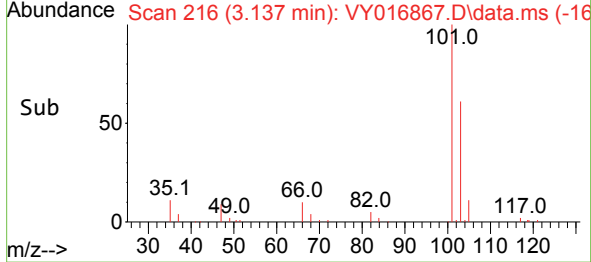
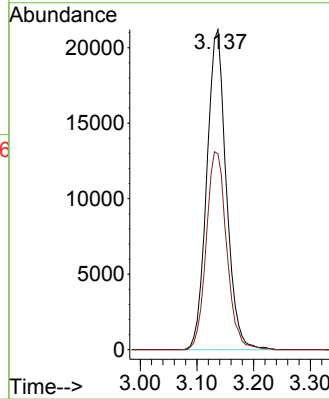
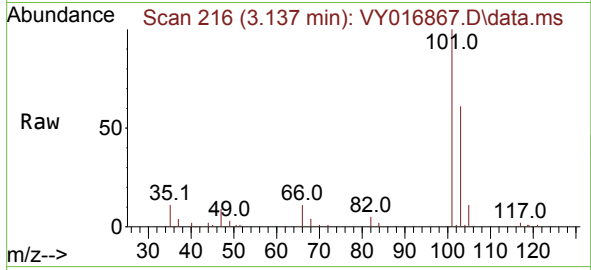




#7
 Trichlorofluoromethane
 Concen: 21.125 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. -0.000 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

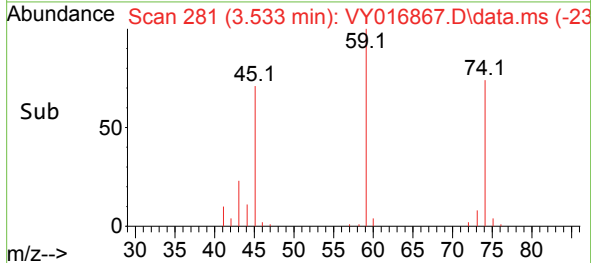
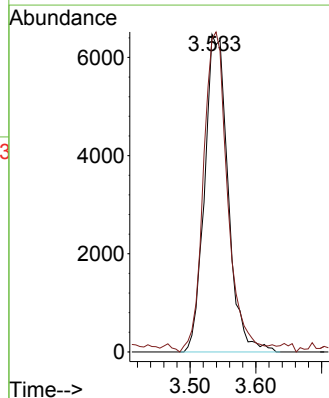
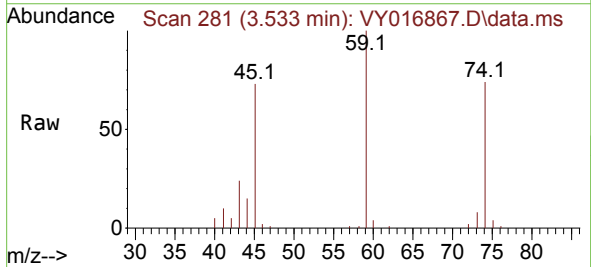
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

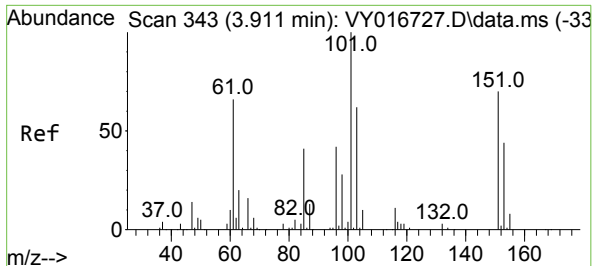
Tgt Ion:101 Resp: 50596
 Ion Ratio Lower Upper
 101 100
 103 61.2 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.919 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

Tgt Ion: 74 Resp: 16028
 Ion Ratio Lower Upper
 74 100
 45 103.7 47.9 143.7

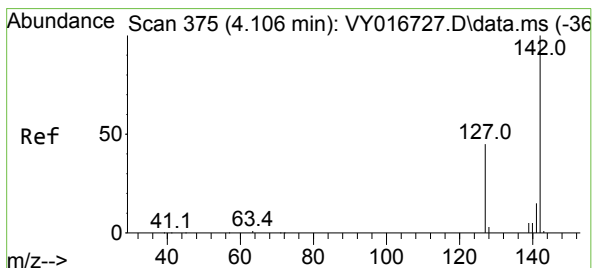
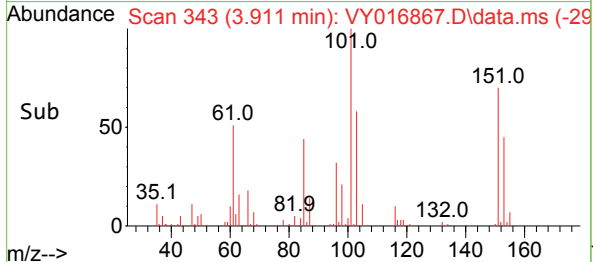
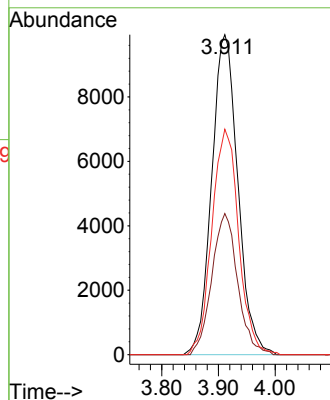
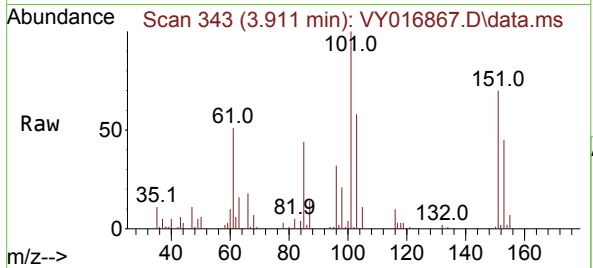




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.654 ug/l
RT: 3.911 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

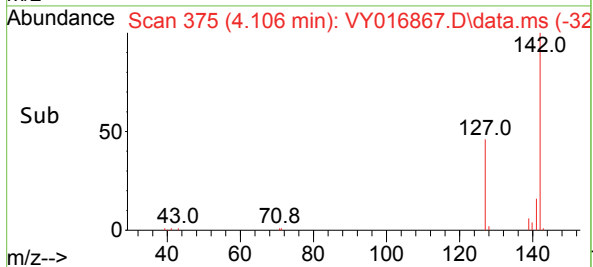
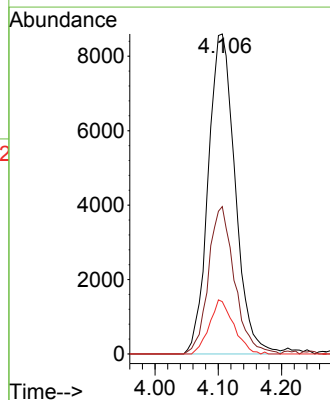
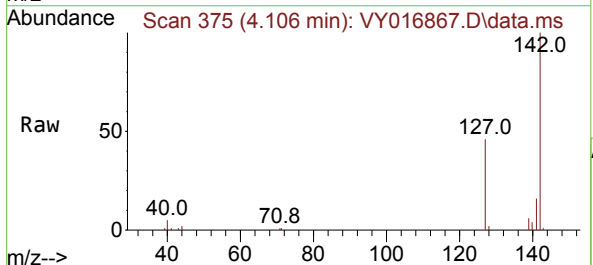
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

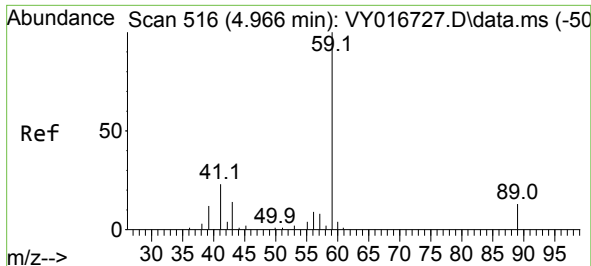
Tgt Ion:	101	Resp:	31814
Ion	Ratio	Lower	Upper
101	100		
85	43.7	35.8	53.6
151	72.1	58.6	88.0



#10
Methyl Iodide
Concen: 16.592 ug/l
RT: 4.106 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:	142	Resp:	25402
Ion	Ratio	Lower	Upper
142	100		
127	44.5	35.1	52.7
141	15.3	11.8	17.6

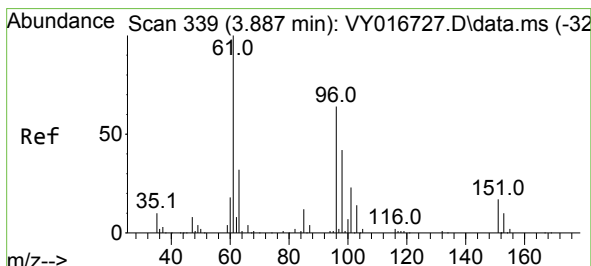
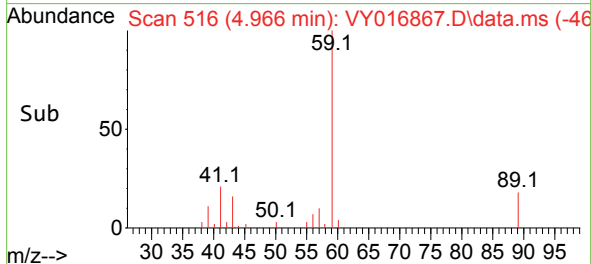
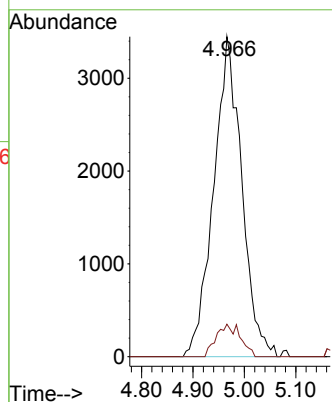
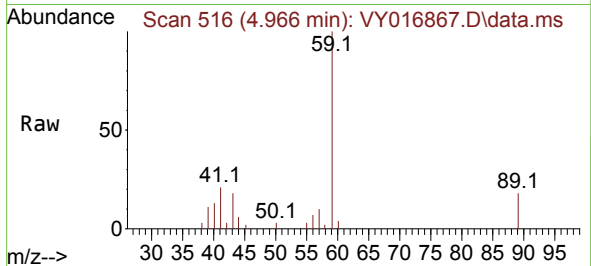




#11
Tert butyl alcohol
Concen: 126.249 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

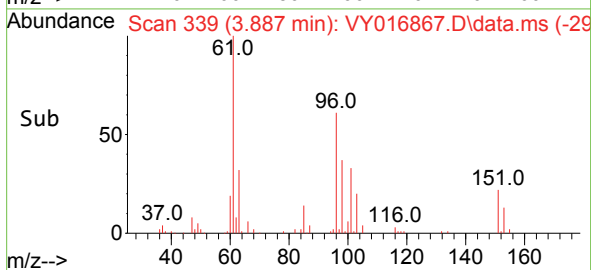
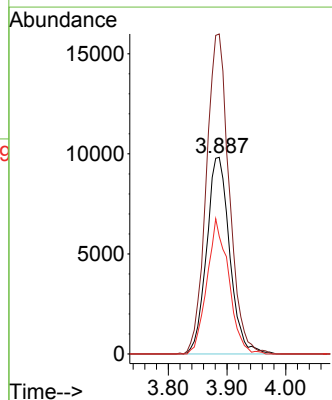
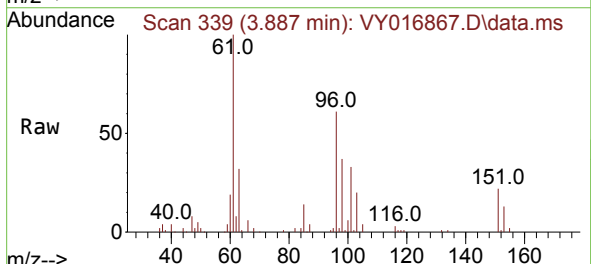
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

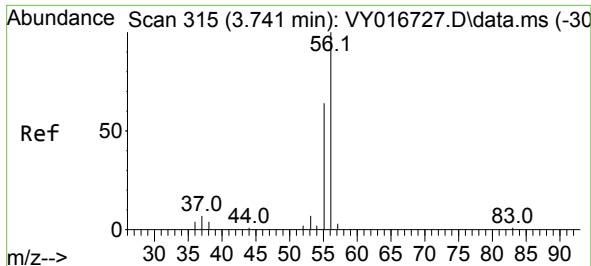
Tgt Ion: 59 Resp: 13094
Ion Ratio Lower Upper
59 100
57 8.7 7.4 11.0



#12
1,1-Dichloroethene
Concen: 20.489 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 96 Resp: 26802
Ion Ratio Lower Upper
96 100
61 162.8 124.2 186.2
98 59.8 52.6 79.0





#13

Acrolein

Concen: 145.633 ug/l

RT: 3.734 min Scan# 315

Delta R.T. -0.007 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

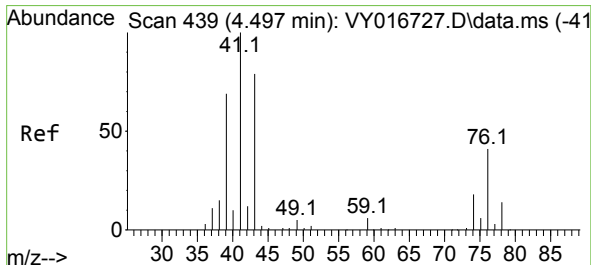
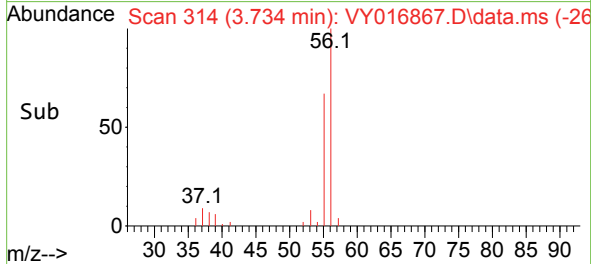
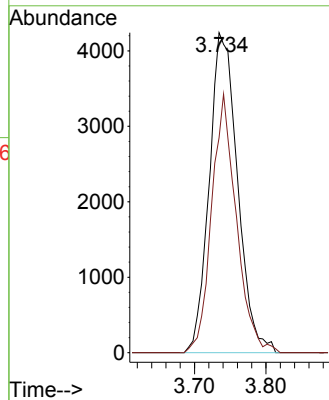
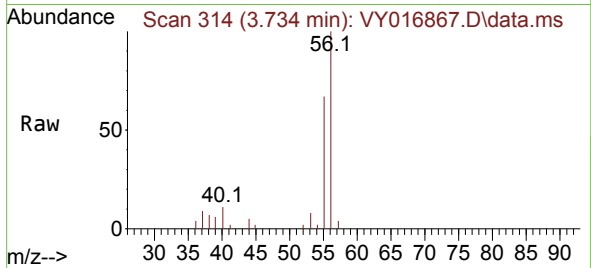
VY1227SBS01

Tgt Ion: 56 Resp: 11654

Ion Ratio Lower Upper

56 100

55 70.7 55.4 83.0



#14

Allyl chloride

Concen: 21.333 ug/l

RT: 4.496 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

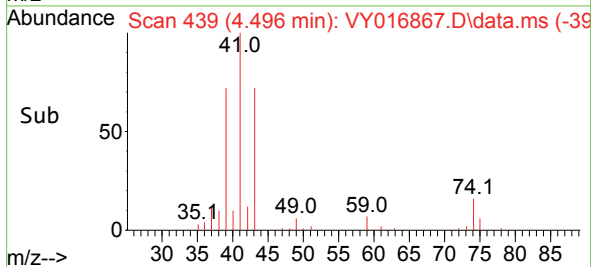
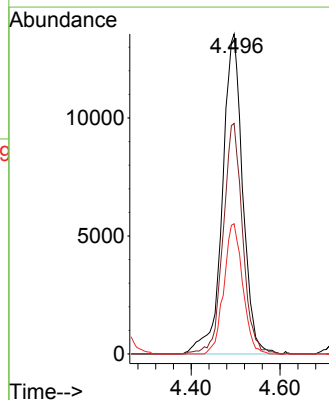
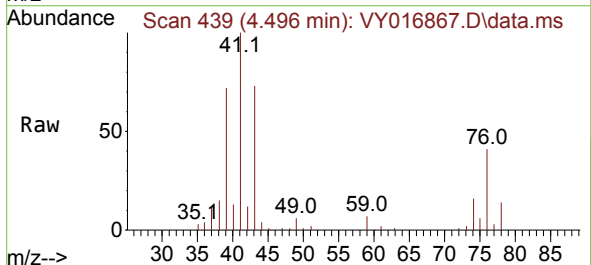
Tgt Ion: 41 Resp: 42744

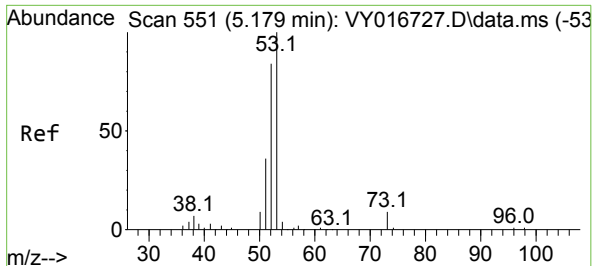
Ion Ratio Lower Upper

41 100

39 69.3 54.7 82.1

76 37.9 31.8 47.6

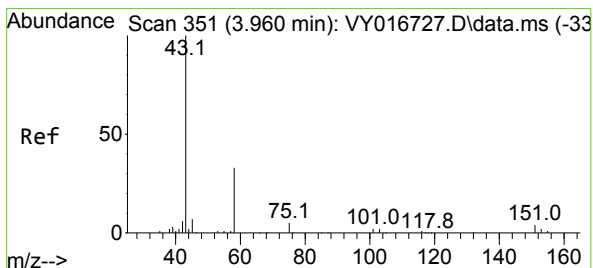
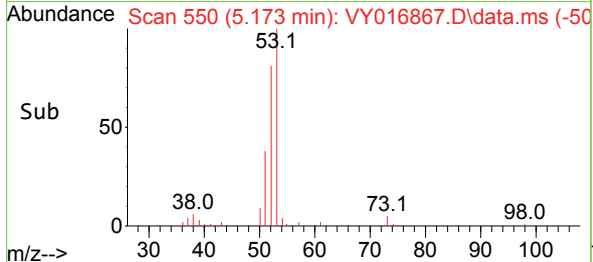
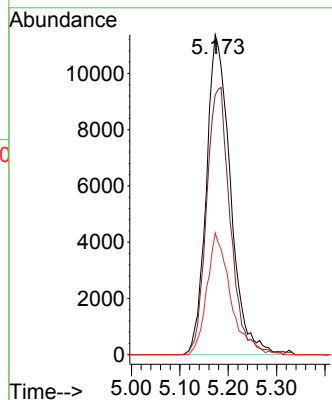
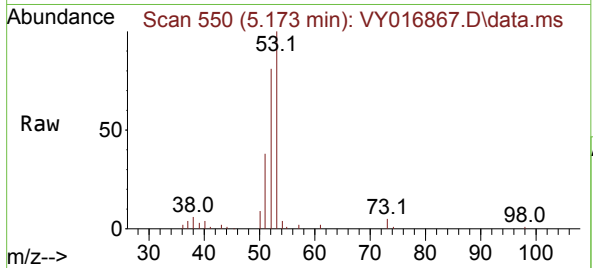




#15
Acrylonitrile
Concen: 121.403 ug/l
RT: 5.173 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

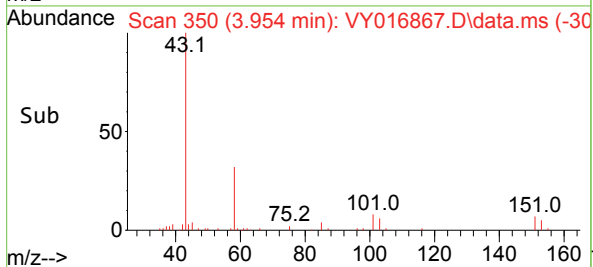
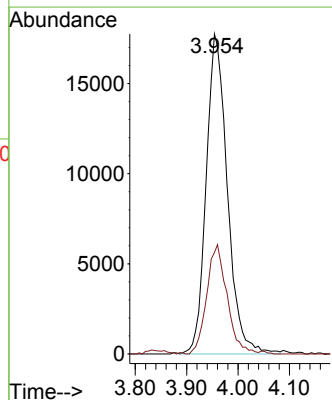
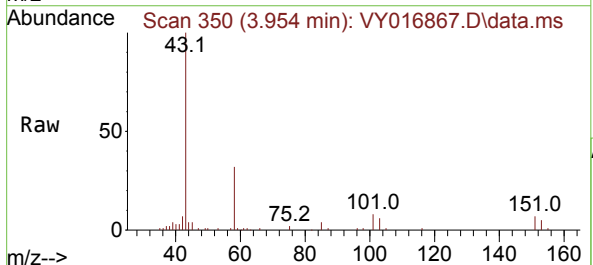
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

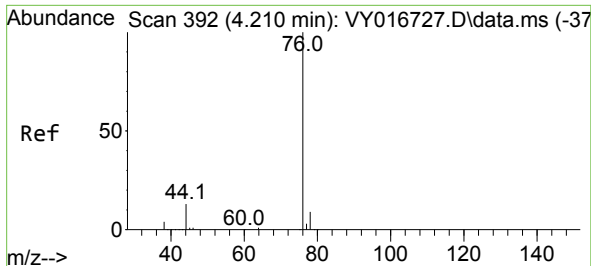
Tgt Ion: 53 Resp: 39391
Ion Ratio Lower Upper
53 100
52 82.3 65.1 97.7
51 37.6 29.0 43.4



#16
Acetone
Concen: 148.839 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 43 Resp: 50912
Ion Ratio Lower Upper
43 100
58 31.7 26.6 39.8

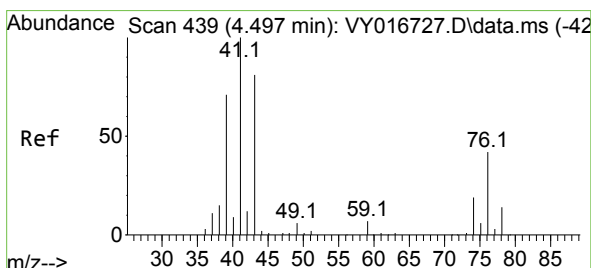
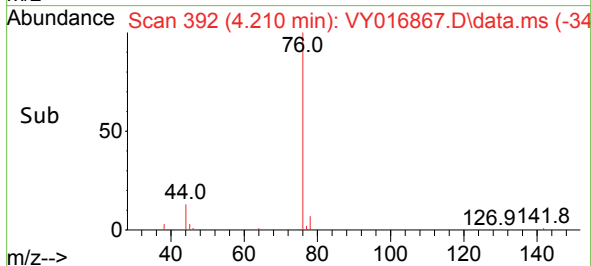
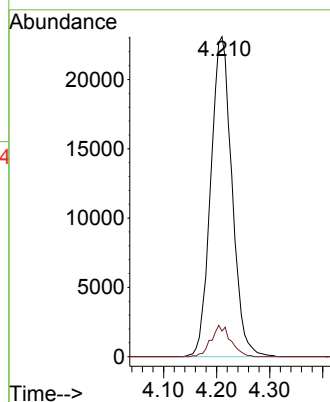
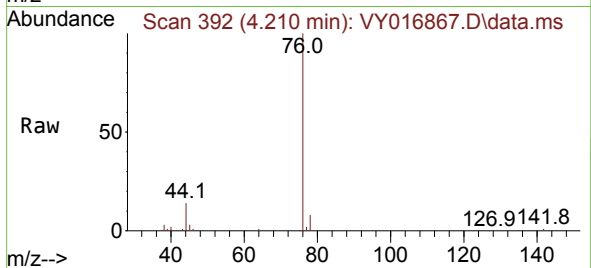




#17
Carbon Disulfide
Concen: 18.039 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

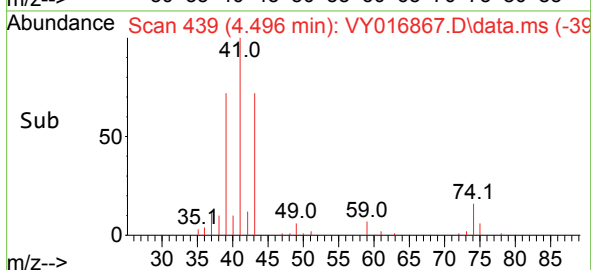
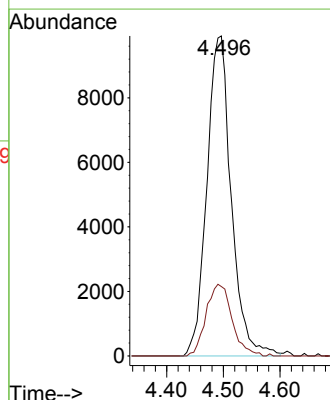
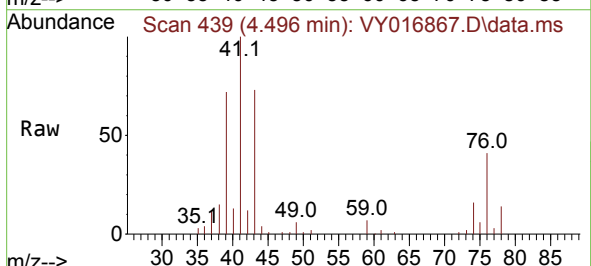
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

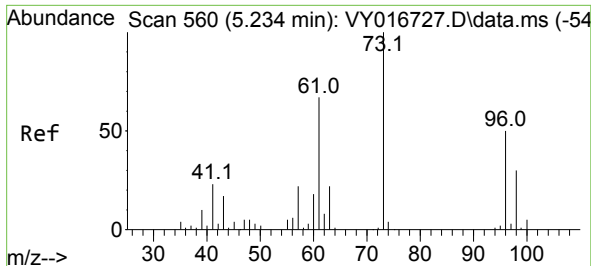
Tgt Ion: 76 Resp: 64207
Ion Ratio Lower Upper
76 100
78 8.0 7.4 11.0



#18
Methyl Acetate
Concen: 22.139 ug/l
RT: 4.496 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 43 Resp: 29594
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

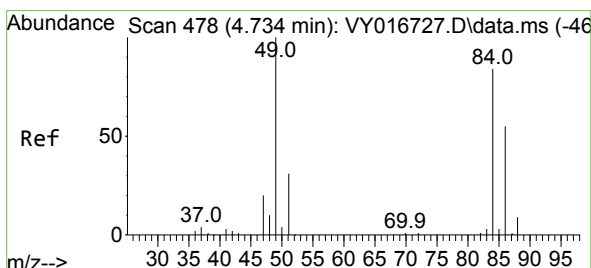
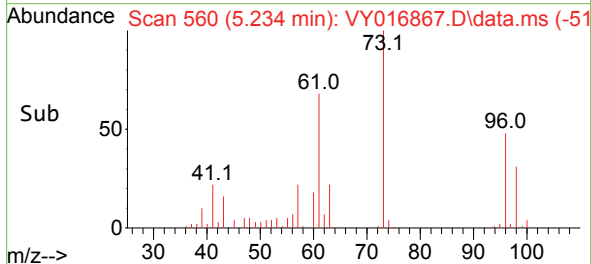
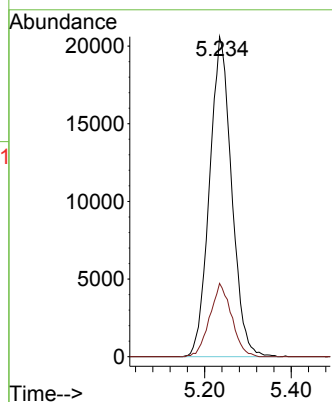
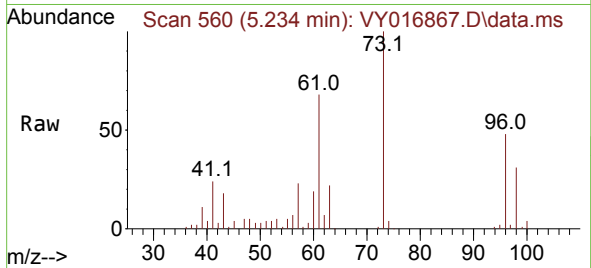




#19
Methyl tert-butyl Ether
Concen: 21.748 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

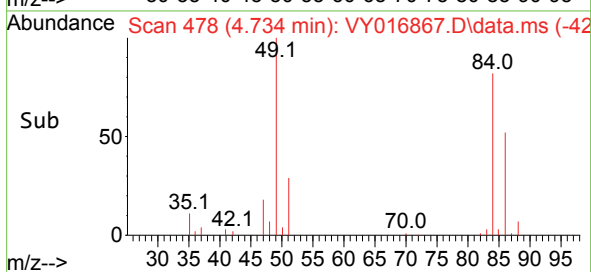
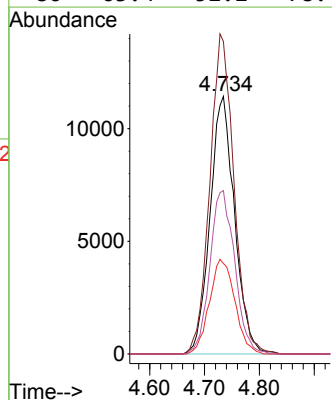
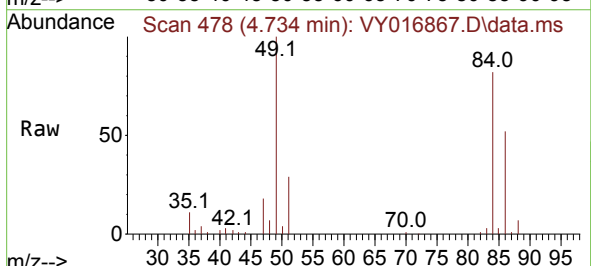
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

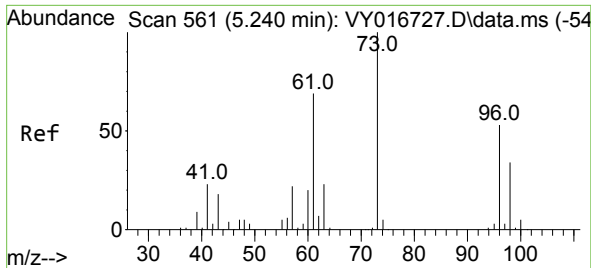
Tgt Ion: 73 Resp: 73202
Ion Ratio Lower Upper
73 100
57 22.9 17.7 26.5



#20
Methylene Chloride
Concen: 18.067 ug/l
RT: 4.734 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 84 Resp: 35543
Ion Ratio Lower Upper
84 100
49 121.2 95.2 142.8
51 35.2 29.9 44.9
86 63.4 52.2 78.4

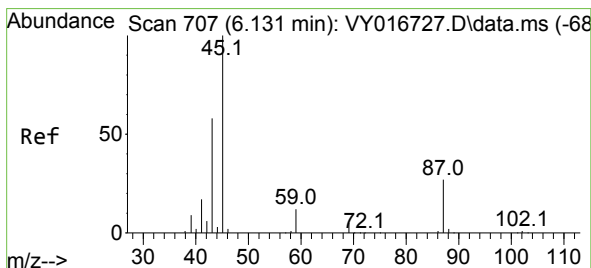
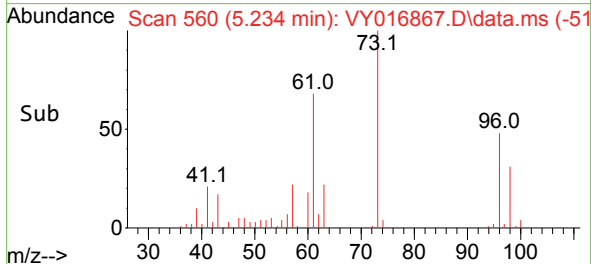
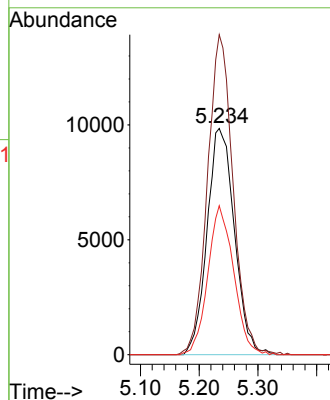
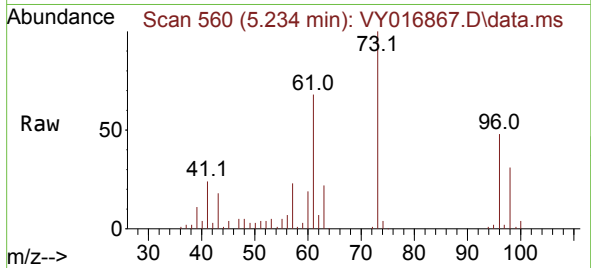




#21
trans-1,2-Dichloroethene
Concen: 21.356 ug/l
RT: 5.234 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

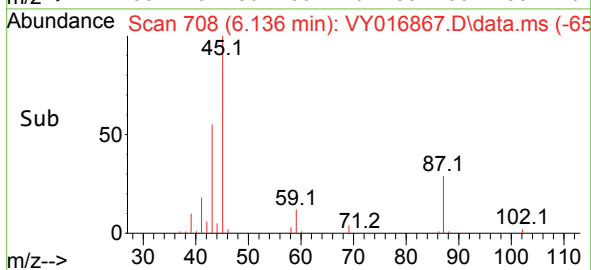
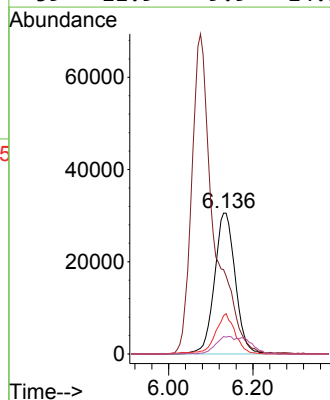
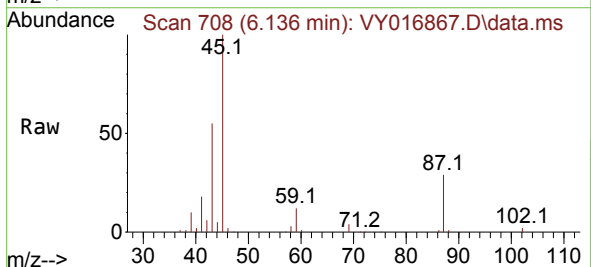
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

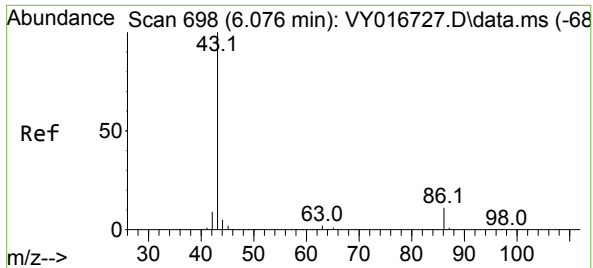
Tgt Ion: 96 Resp: 31862
Ion Ratio Lower Upper
96 100
61 140.9 104.6 156.8
98 65.9 50.9 76.3



#22
Diisopropyl ether
Concen: 23.023 ug/l
RT: 6.136 min Scan# 708
Delta R.T. 0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 45 Resp: 104363
Ion Ratio Lower Upper
45 100
43 54.5 46.8 70.2
87 28.7 22.2 33.2
59 11.9 9.9 14.9

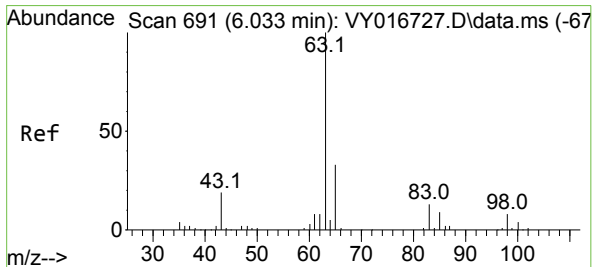
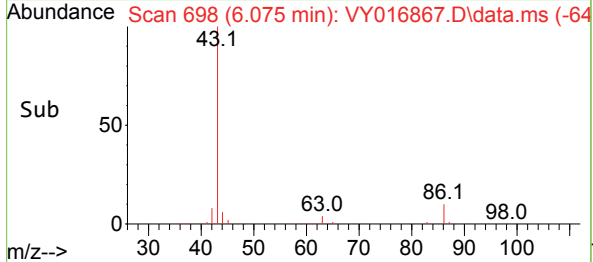
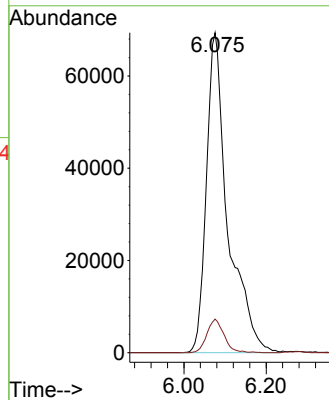
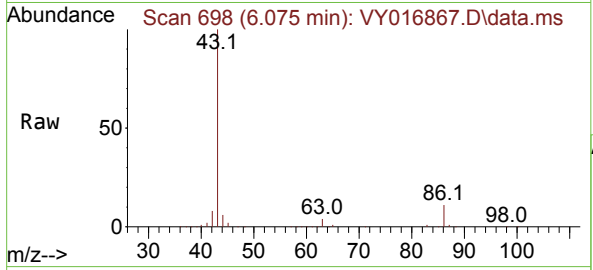




#23
 Vinyl Acetate
 Concen: 117.184 ug/l
 RT: 6.075 min Scan# 698
 Delta R.T. -0.001 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

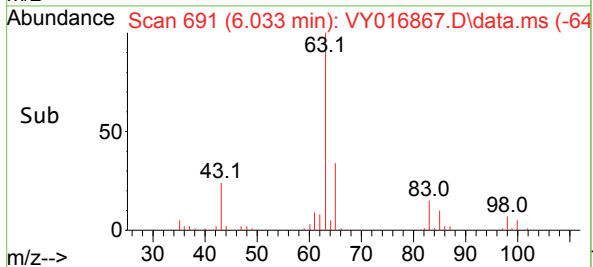
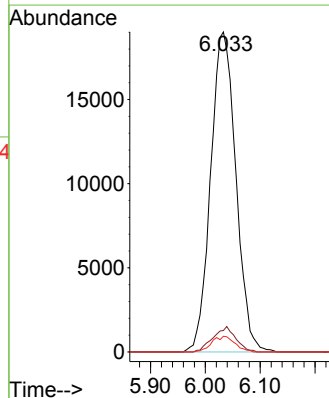
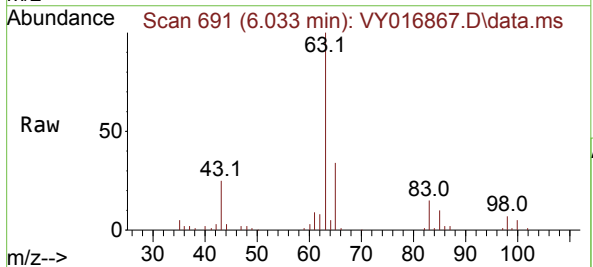
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

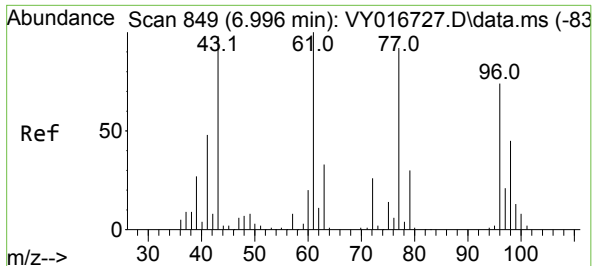
Tgt Ion: 43 Resp: 251230
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 22.332 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

Tgt Ion: 63 Resp: 60811
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 134.593 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

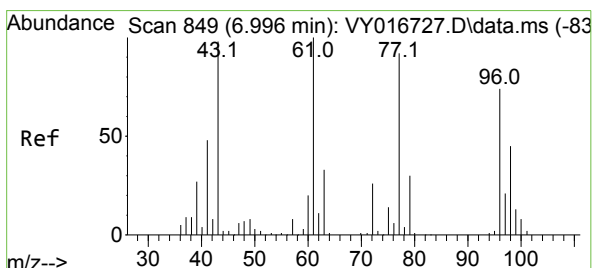
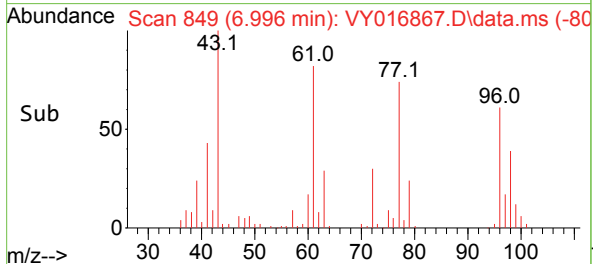
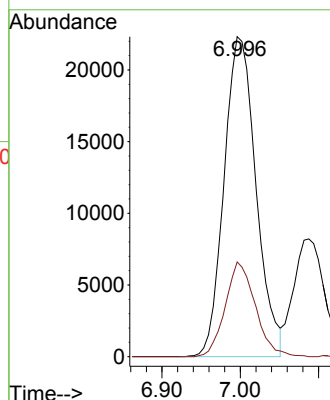
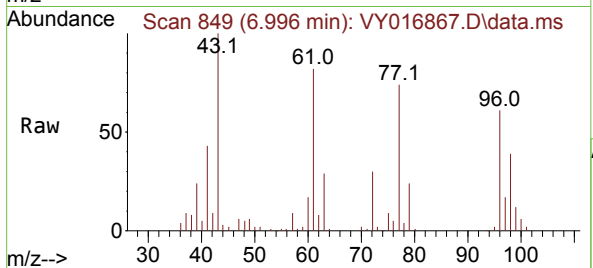
VY1227SBS01

Tgt Ion: 43 Resp: 63387

Ion Ratio Lower Upper

43 100

72 29.6 21.4 32.2



#26

2,2-Dichloropropane

Concen: 21.604 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY016867.D

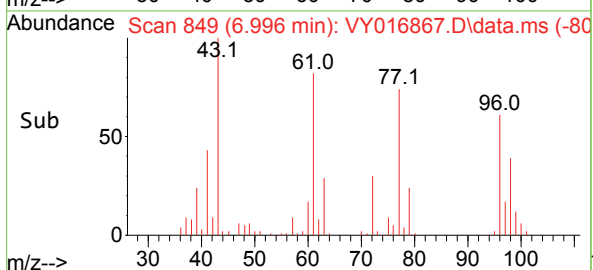
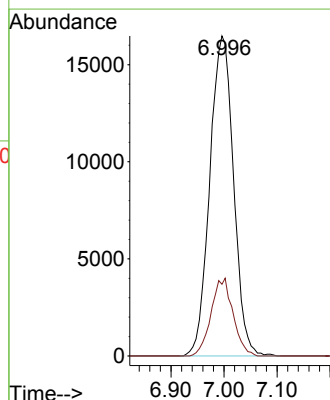
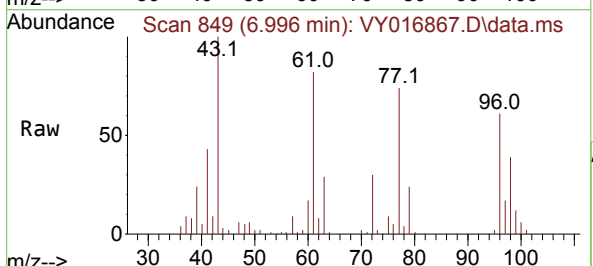
Acq: 27 Dec 2023 10:37

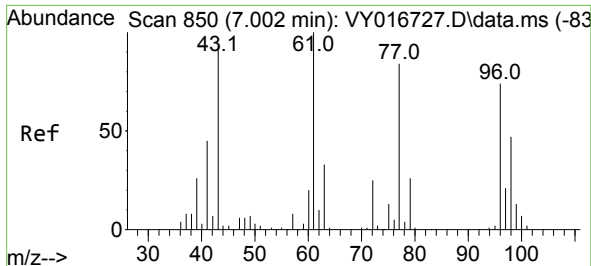
Tgt Ion: 77 Resp: 51336

Ion Ratio Lower Upper

77 100

97 22.5 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 21.619 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

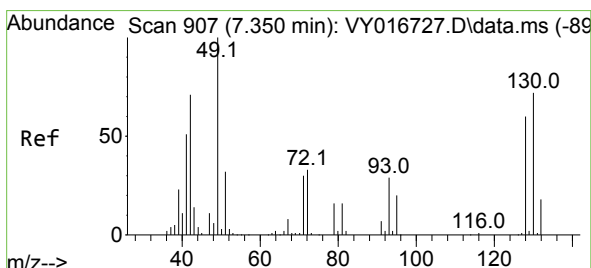
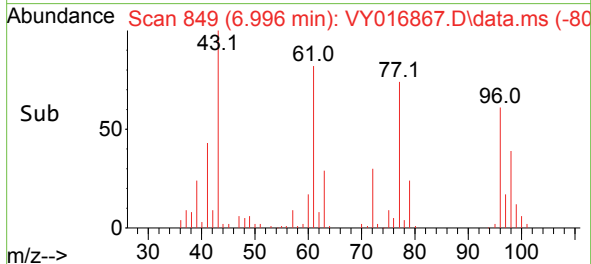
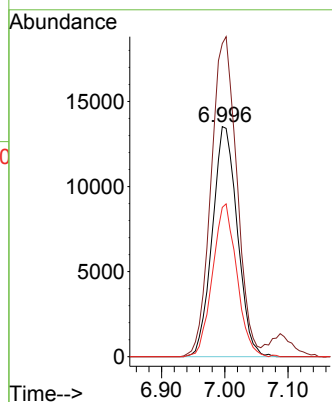
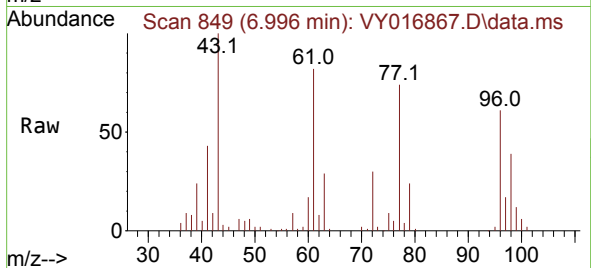
Tgt Ion: 96 Resp: 37121

Ion Ratio Lower Upper

96 100

61 143.2 0.0 278.8

98 64.3 0.0 127.0



#28

Bromochloromethane

Concen: 21.318 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

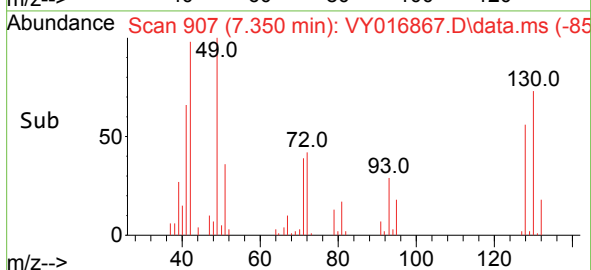
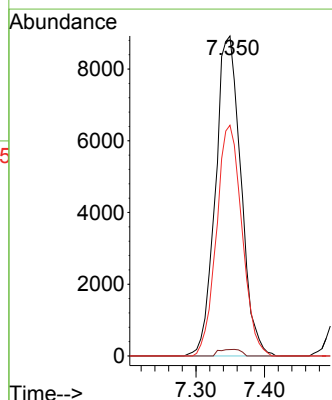
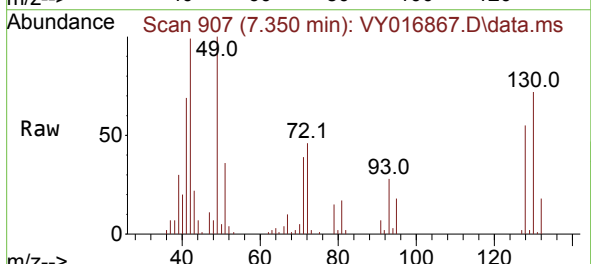
Tgt Ion: 49 Resp: 22975

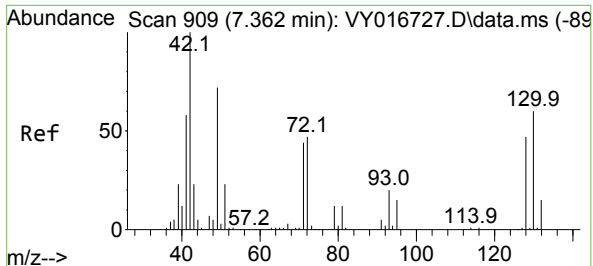
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 72.4 59.8 89.8





#29

Tetrahydrofuran

Concen: 121.192 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

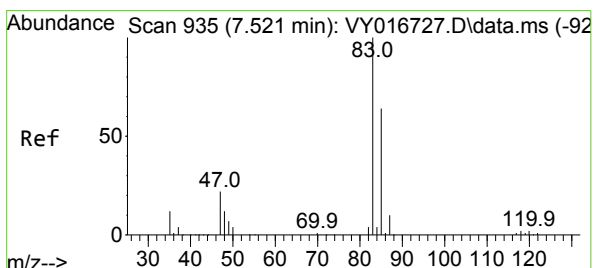
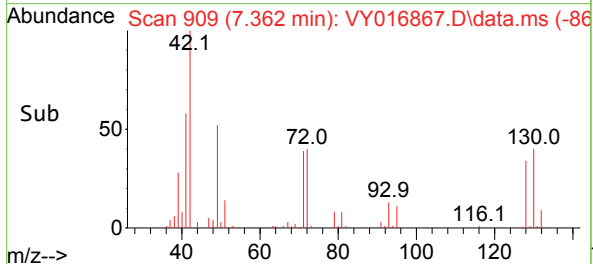
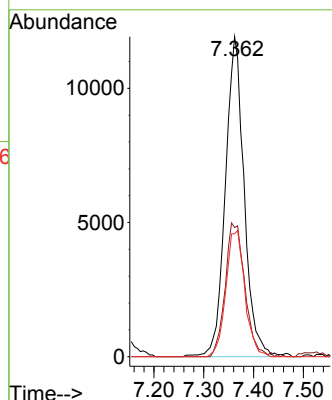
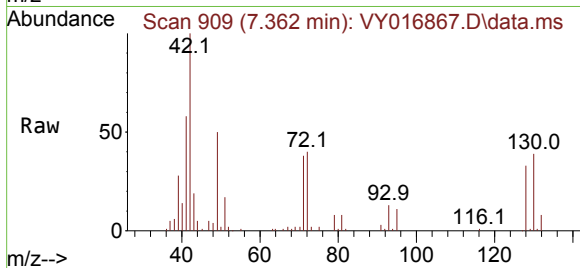
Tgt Ion: 42 Resp: 31209

Ion Ratio Lower Upper

42 100

72 43.8 36.6 54.8

71 39.7 33.8 50.6



#30

Chloroform

Concen: 22.721 ug/l

RT: 7.520 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY016867.D

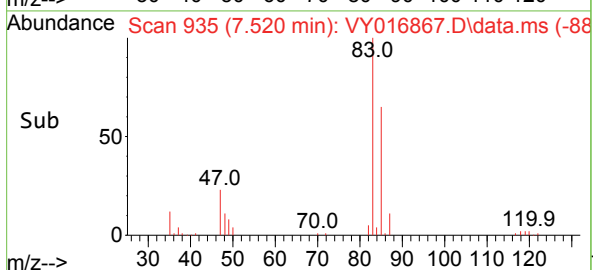
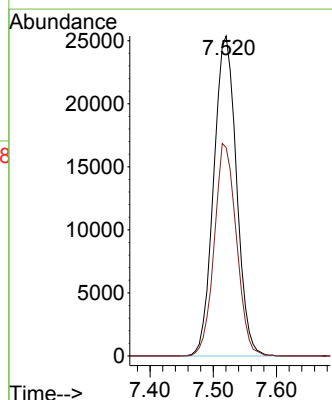
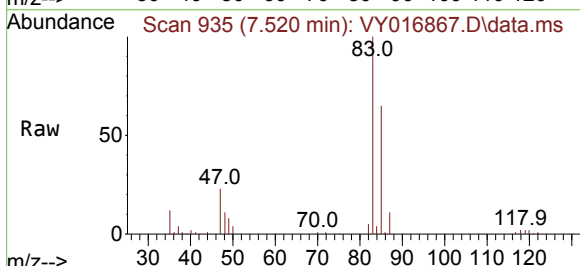
Acq: 27 Dec 2023 10:37

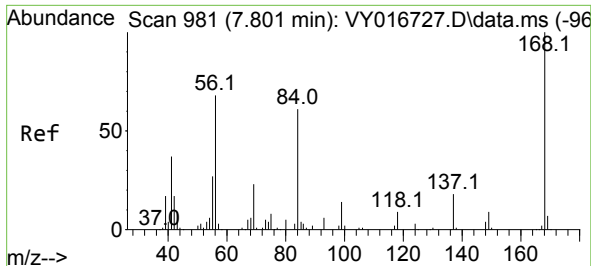
Tgt Ion: 83 Resp: 63337

Ion Ratio Lower Upper

83 100

85 65.1 51.2 76.8

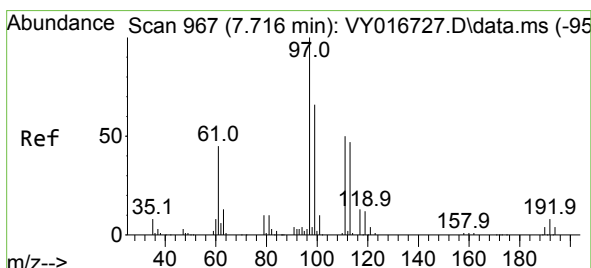
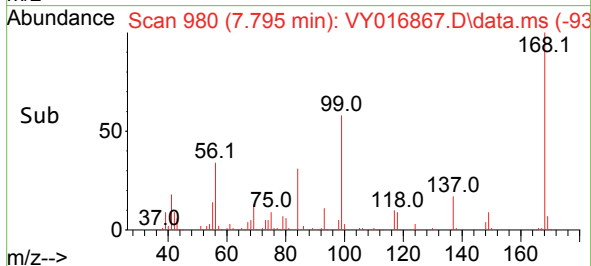
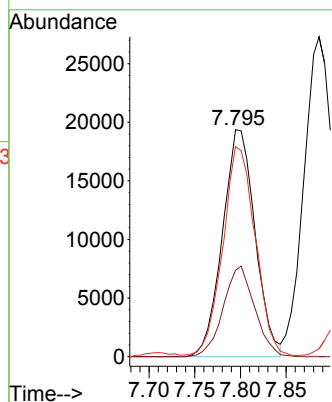
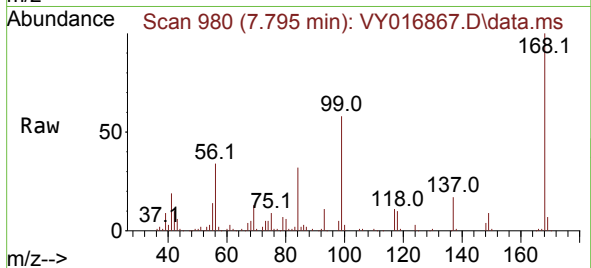




#31
Cyclohexane
Concen: 19.842 ug/l
RT: 7.795 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

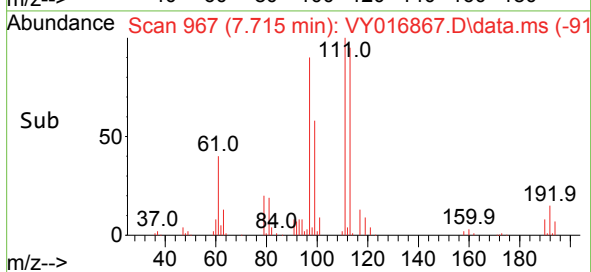
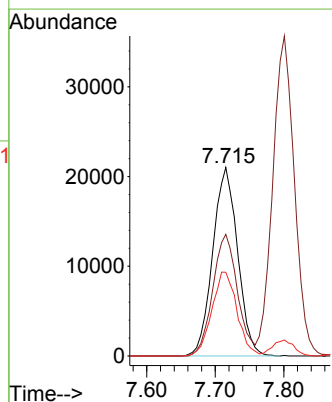
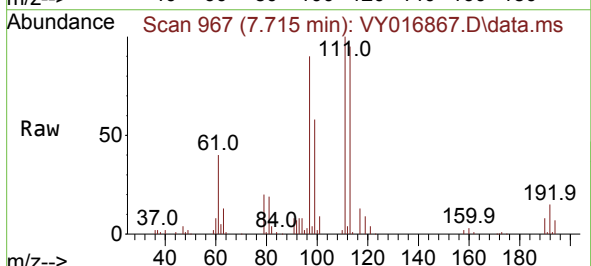
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

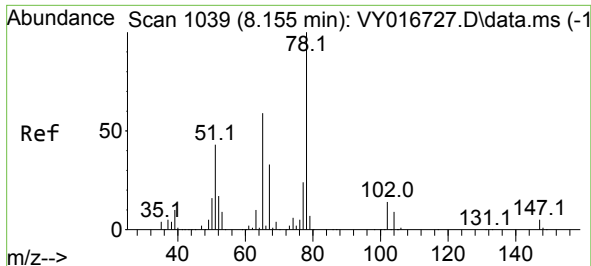
Tgt Ion: 56 Resp: 48089
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.6
84 91.8 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 21.634 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 97 Resp: 52937
Ion Ratio Lower Upper
97 100
99 64.3 51.2 76.8
61 45.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 58.467 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

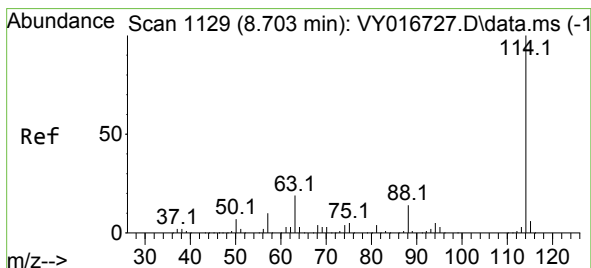
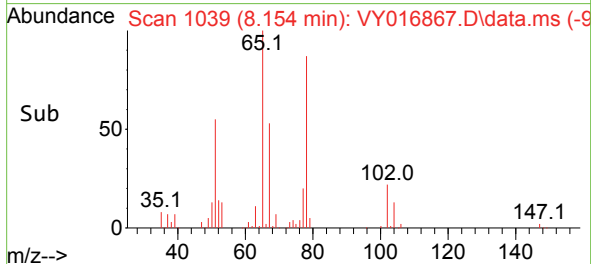
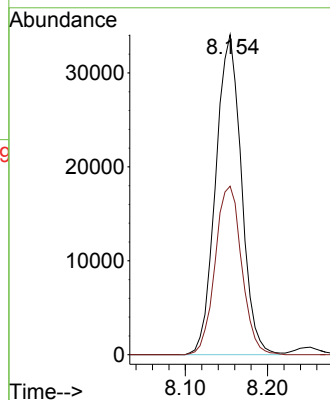
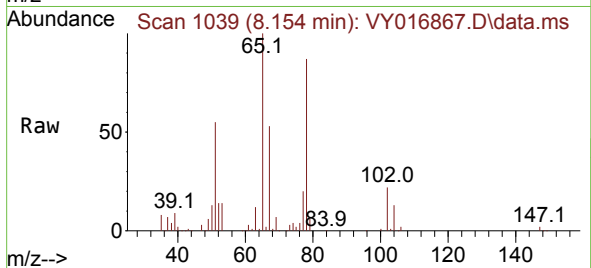
VY1227SBS01

Tgt Ion: 65 Resp: 73959

Ion Ratio Lower Upper

65 100

67 54.5 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

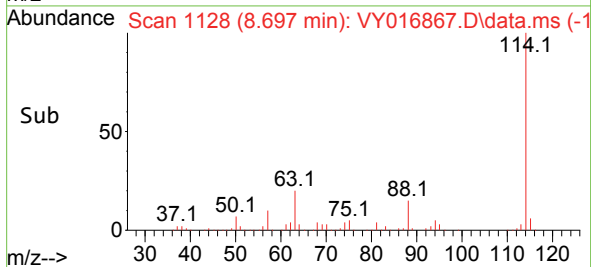
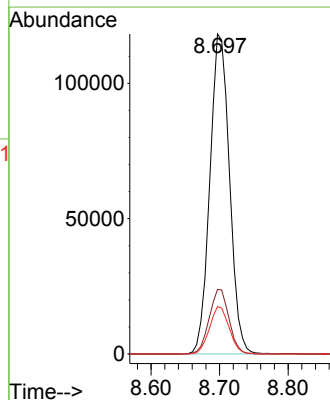
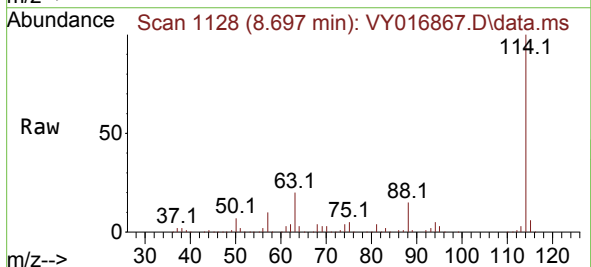
Tgt Ion: 114 Resp: 235154

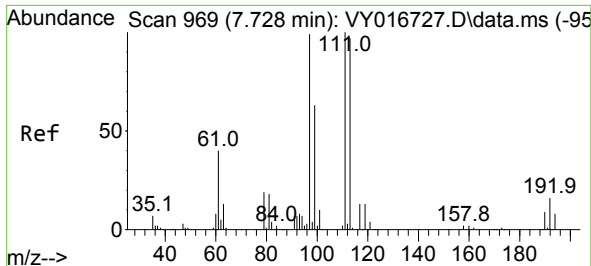
Ion Ratio Lower Upper

114 100

63 20.2 0.0 37.4

88 14.8 0.0 29.0

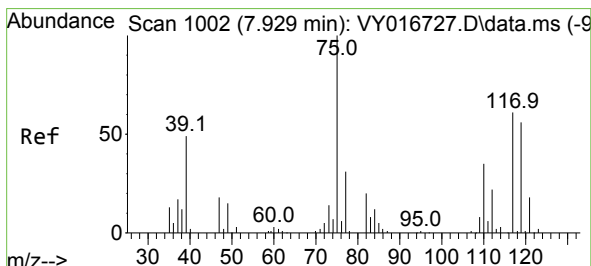
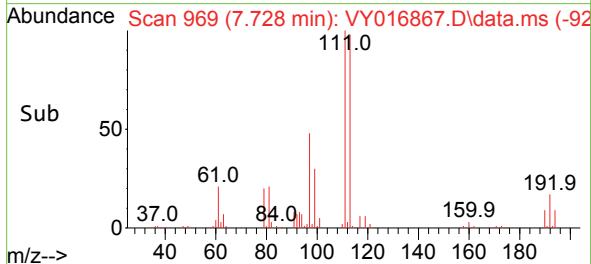
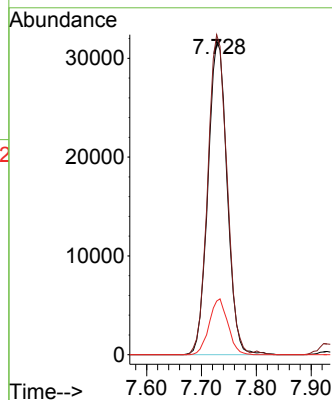
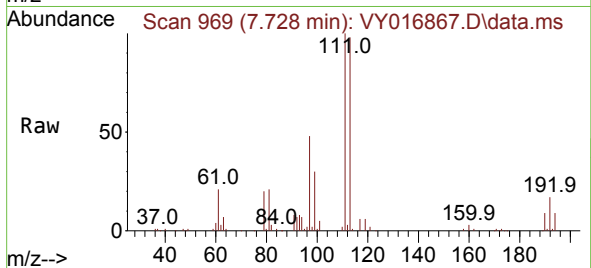




#35
Dibromofluoromethane
Concen: 56.935 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

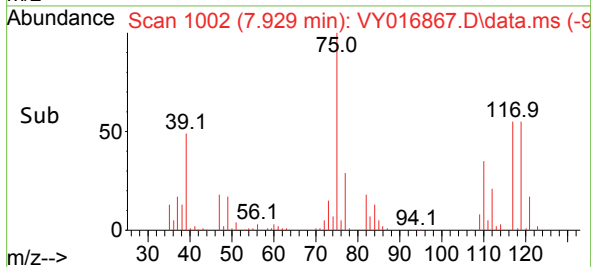
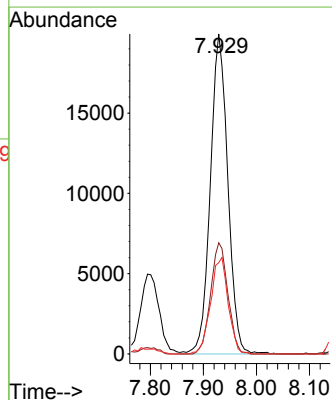
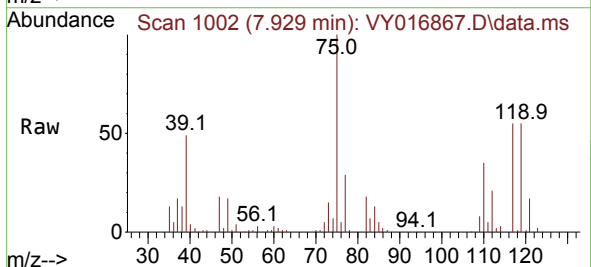
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

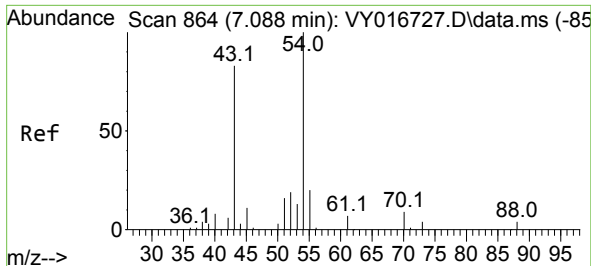
Tgt Ion:113 Resp: 76693
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 21.141 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 75 Resp: 45653
Ion Ratio Lower Upper
75 100
110 34.2 17.4 52.3
77 30.3 24.7 37.1





#37

Ethyl Acetate

Concen: 25.092 ug/l

RT: 7.087 min Scan# 80

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

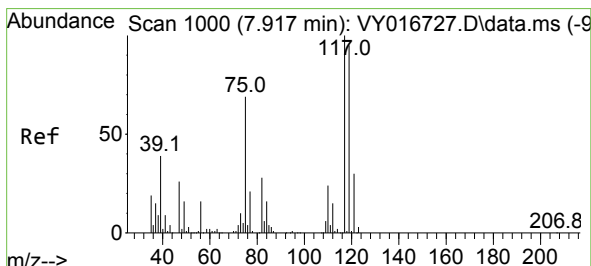
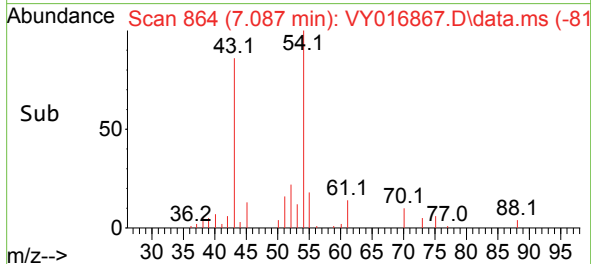
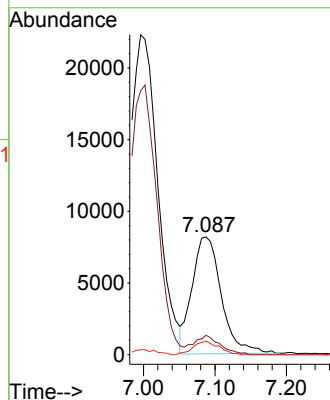
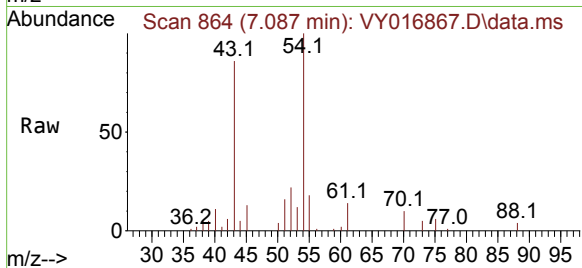
Tgt Ion: 43 Resp: 23225

Ion Ratio Lower Upper

43 100

61 14.8 11.0 16.6

70 10.0 8.1 12.1



#38

Carbon Tetrachloride

Concen: 21.108 ug/l

RT: 7.910 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

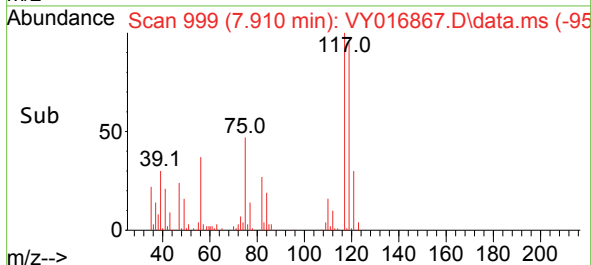
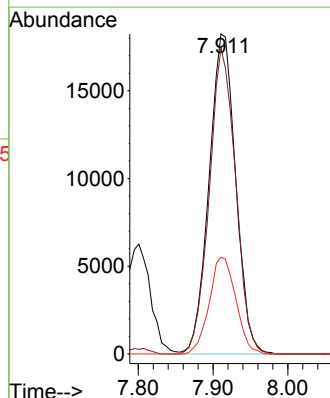
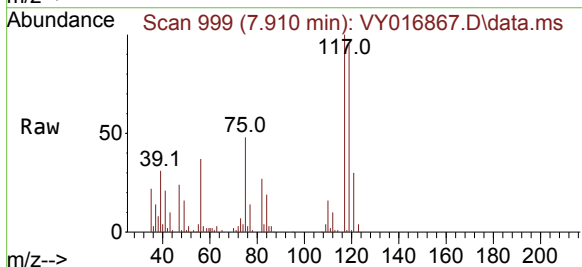
Tgt Ion: 117 Resp: 45106

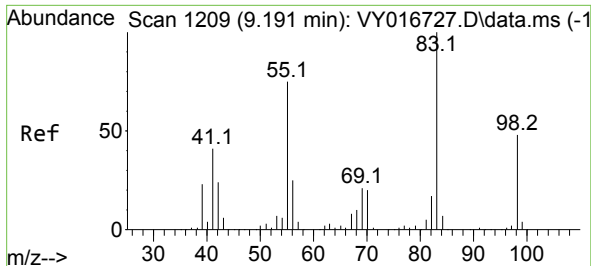
Ion Ratio Lower Upper

117 100

119 95.5 76.0 114.0

121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 19.497 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

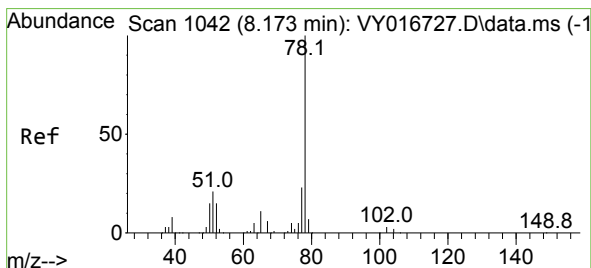
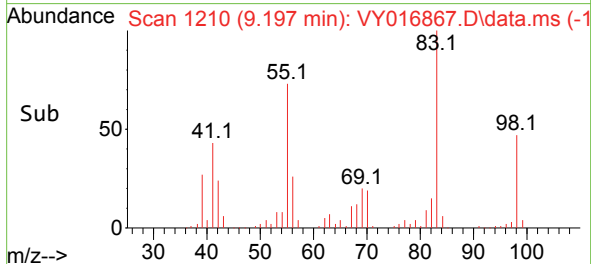
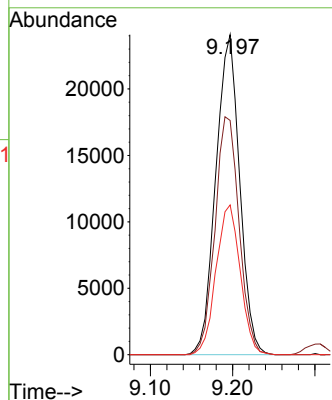
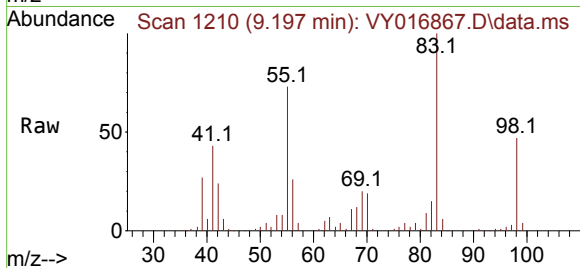
Tgt Ion: 83 Resp: 48611

Ion Ratio Lower Upper

83 100

55 73.2 59.7 89.5

98 46.8 38.0 57.0



#40

Benzene

Concen: 21.649 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. -0.000 min

Lab File: VY016867.D

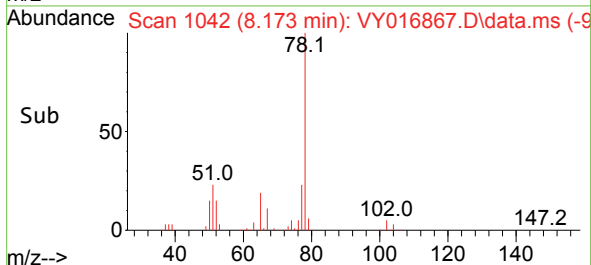
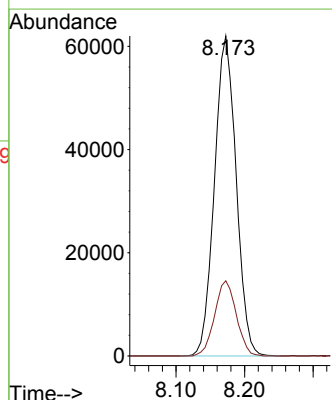
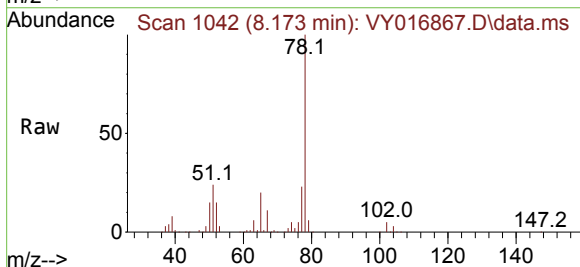
Acq: 27 Dec 2023 10:37

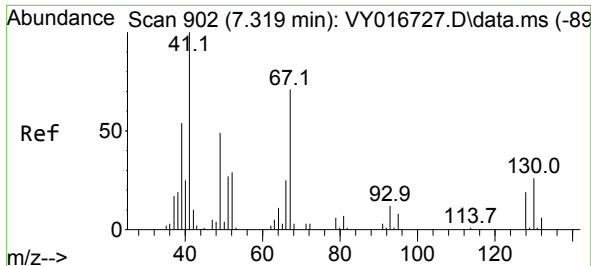
Tgt Ion: 78 Resp: 136045

Ion Ratio Lower Upper

78 100

77 23.5 18.8 28.2

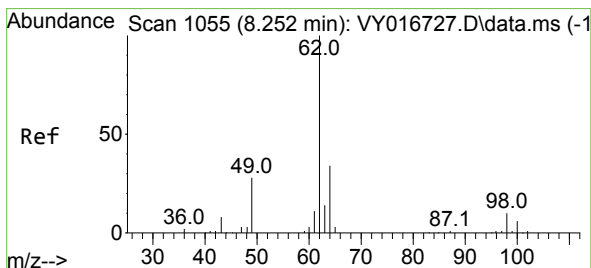
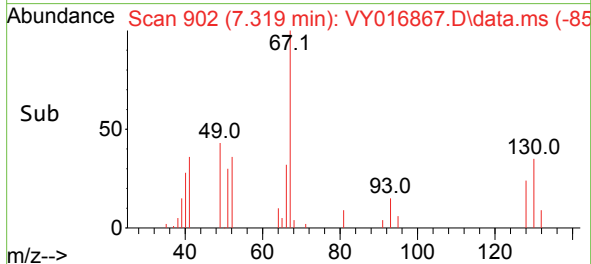
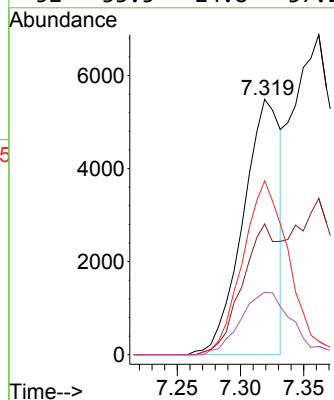
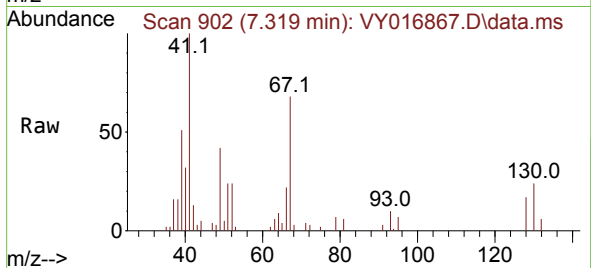




#41
Methacrylonitrile
Concen: 22.990 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

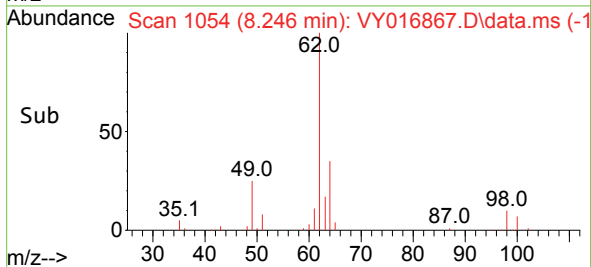
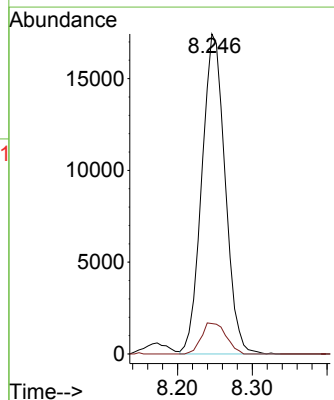
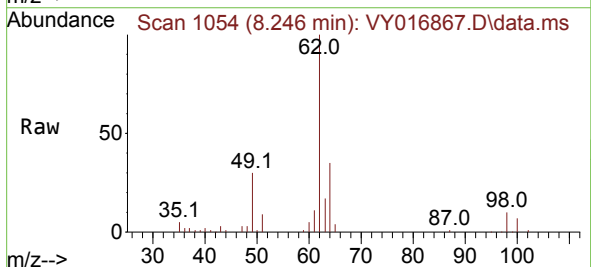
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

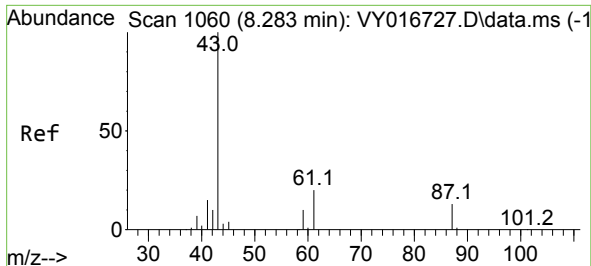
Tgt Ion:	41	Resp:	11298
Ion	Ratio	Lower	Upper
41	100		
39	50.8	41.9	62.9
67	83.9	59.8	89.6
52	33.5	24.8	37.2



#42
1,2-Dichloroethane
Concen: 22.997 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:	62	Resp:	37703
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.2

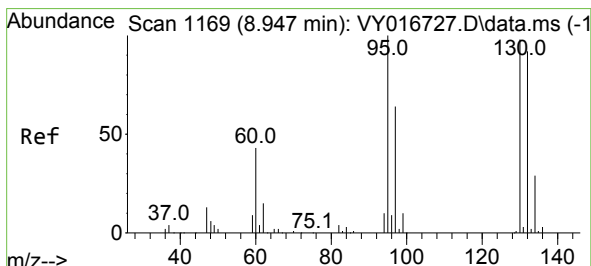
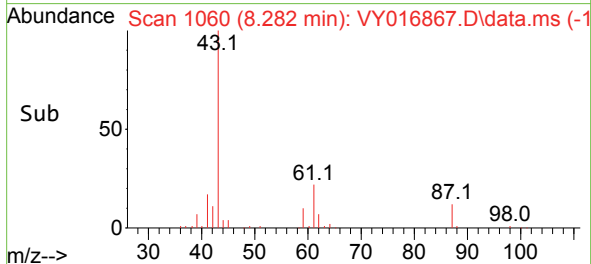
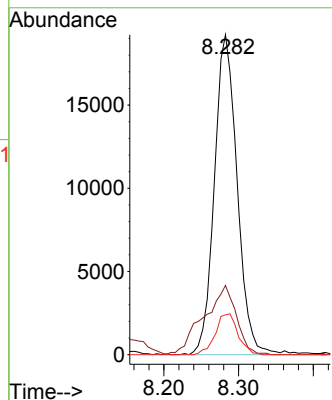
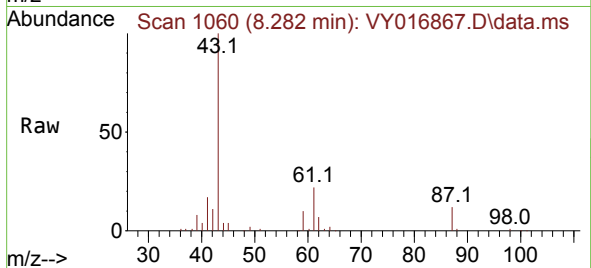




#43
Isopropyl Acetate
Concen: 22.656 ug/l
RT: 8.282 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

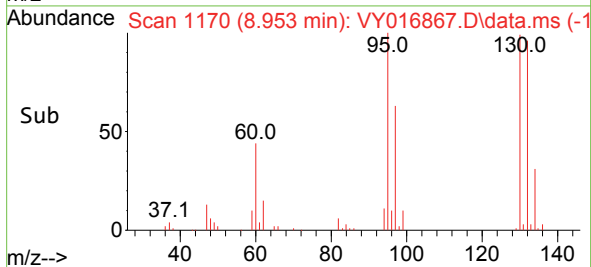
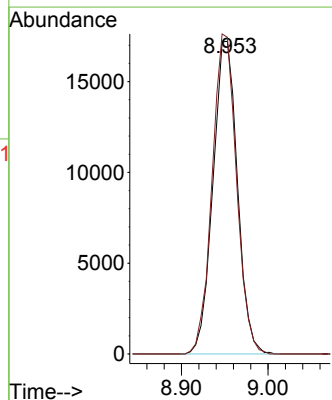
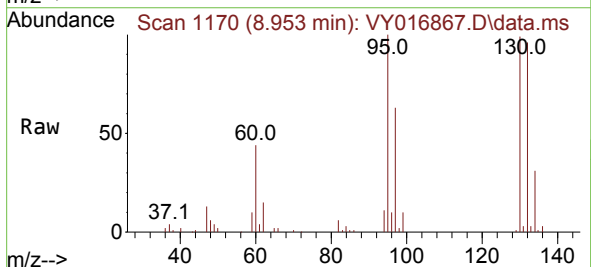
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

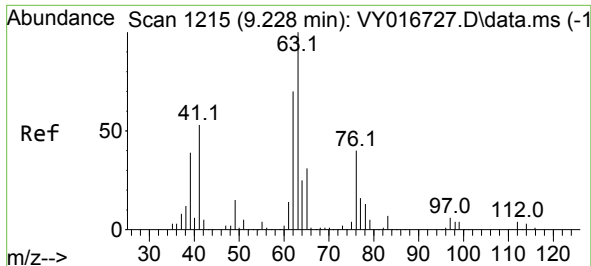
Tgt Ion: 43 Resp: 40729
Ion Ratio Lower Upper
43 100
61 30.9 24.8 37.2
87 12.7 10.7 16.1



#44
Trichloroethene
Concen: 21.081 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 130 Resp: 33813
Ion Ratio Lower Upper
130 100
95 101.3 0.0 203.8

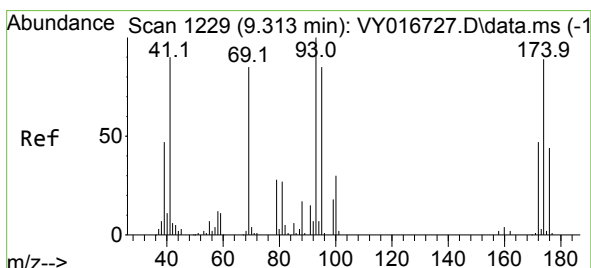
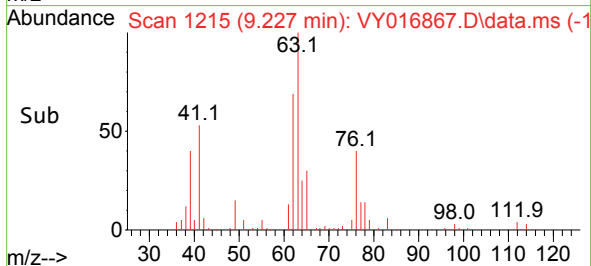
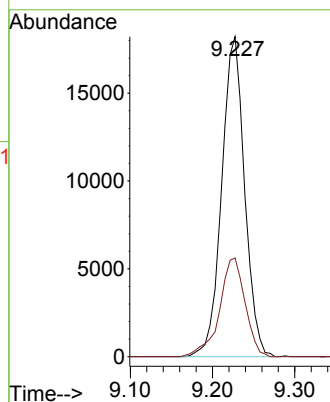
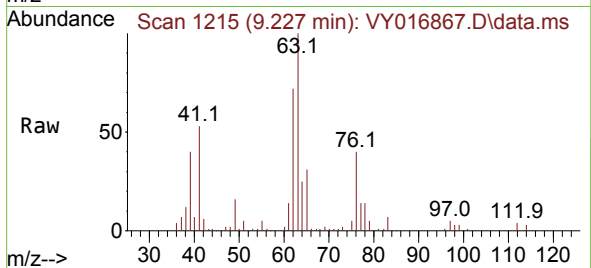




#45
1,2-Dichloropropane
Concen: 22.383 ug/l
RT: 9.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

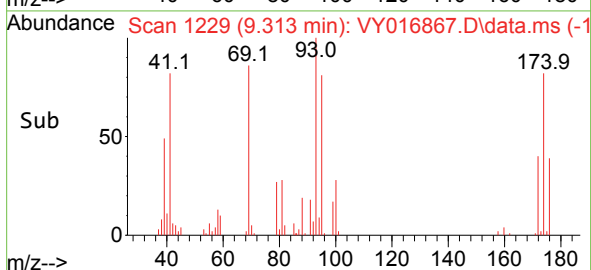
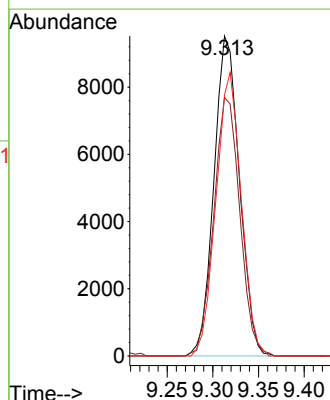
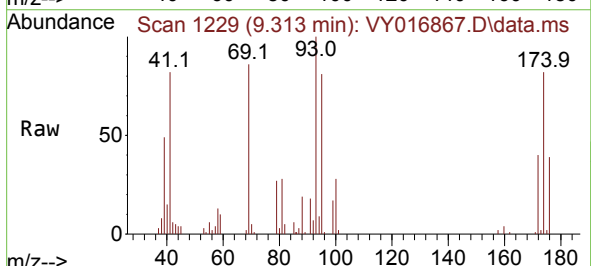
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

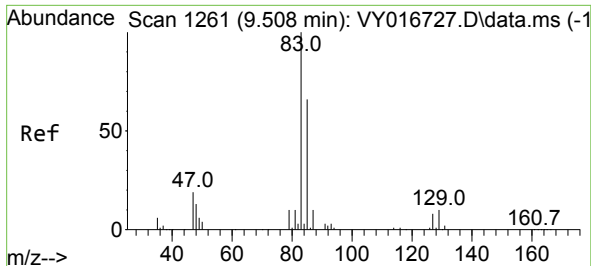
Tgt Ion: 63 Resp: 35284
Ion Ratio Lower Upper
63 100
65 30.8 24.6 36.8



#46
Dibromomethane
Concen: 22.672 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 93 Resp: 18463
Ion Ratio Lower Upper
93 100
95 82.8 66.6 99.8
174 87.8 73.8 110.6

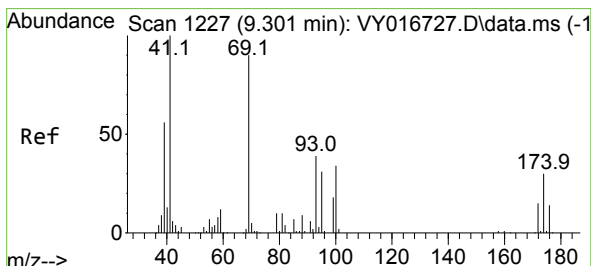
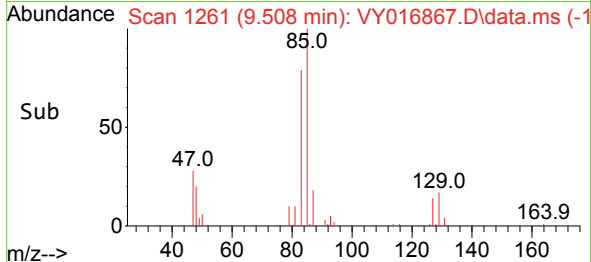
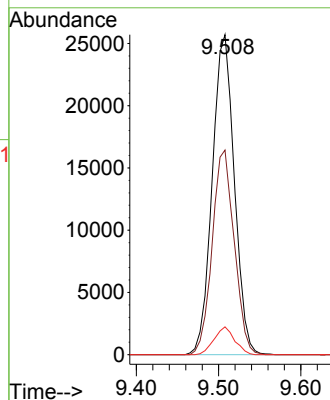
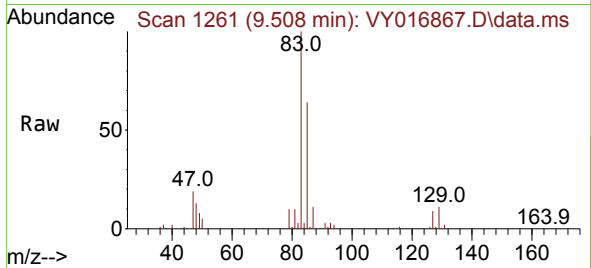




#47
Bromodichloromethane
Concen: 22.343 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

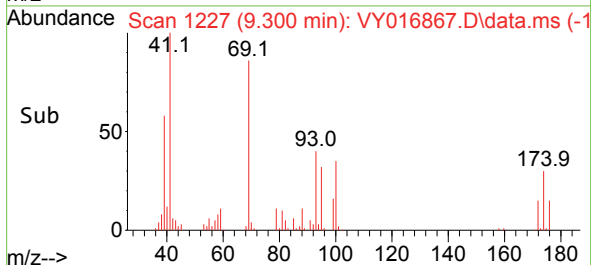
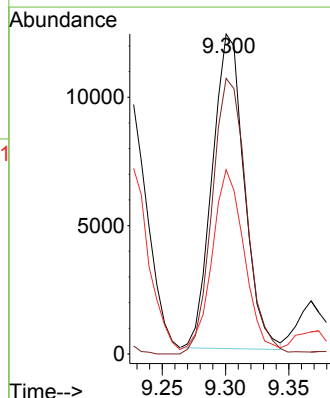
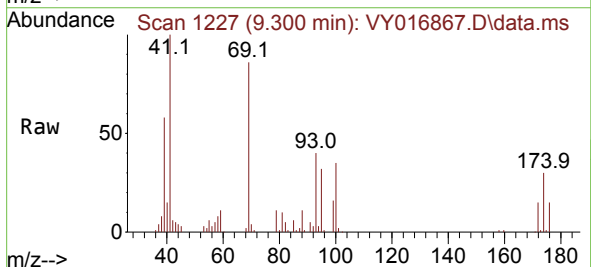
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

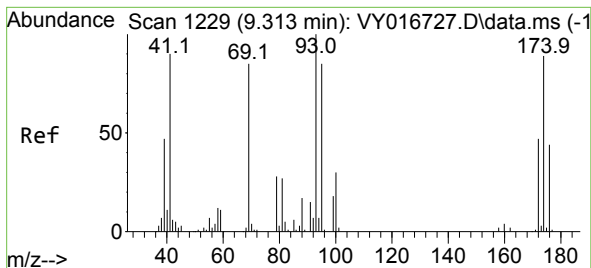
Tgt Ion: 83 Resp: 47957
Ion Ratio Lower Upper
83 100
85 64.0 53.2 79.8
127 8.7 6.4 9.6



#48
Methyl methacrylate
Concen: 21.608 ug/l
RT: 9.300 min Scan# 1227
Delta R.T. -0.001 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 41 Resp: 21589
Ion Ratio Lower Upper
41 100
69 93.5 72.1 108.1
39 59.7 42.8 64.2





#49

1,4-Dioxane

Concen: 506.197 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

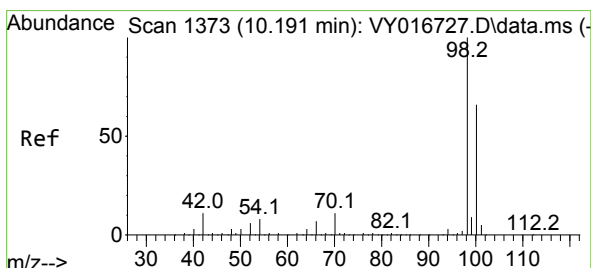
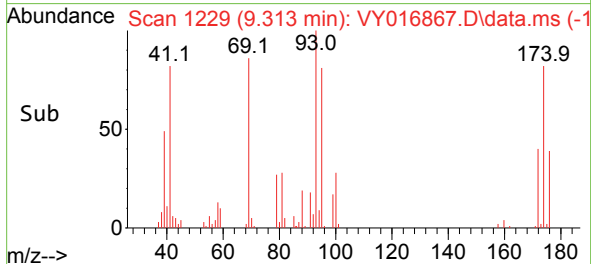
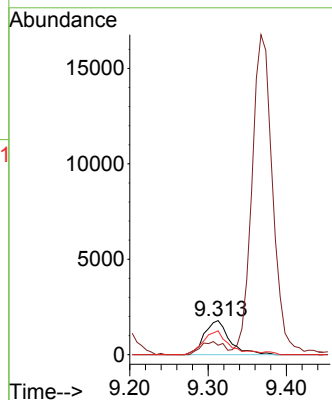
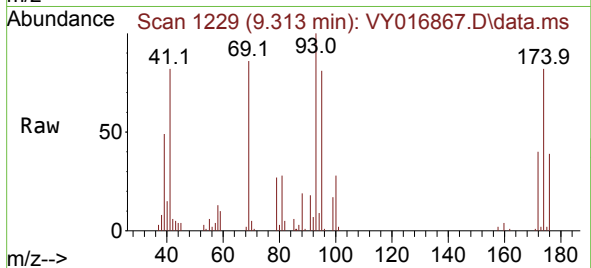
Tgt Ion: 88 Resp: 4001

Ion Ratio Lower Upper

88 100

43 33.8 28.2 42.4

58 71.9 52.2 78.2



#50

Toluene-d8

Concen: 56.938 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016867.D

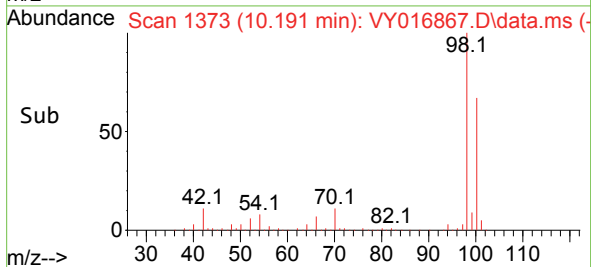
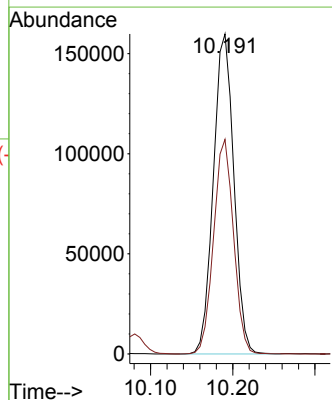
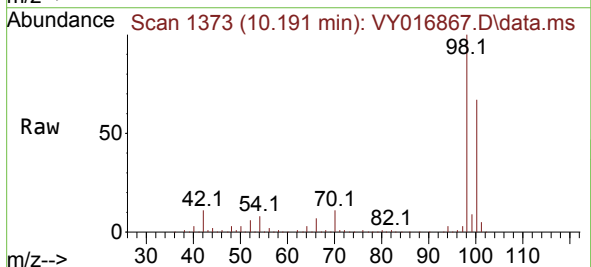
Acq: 27 Dec 2023 10:37

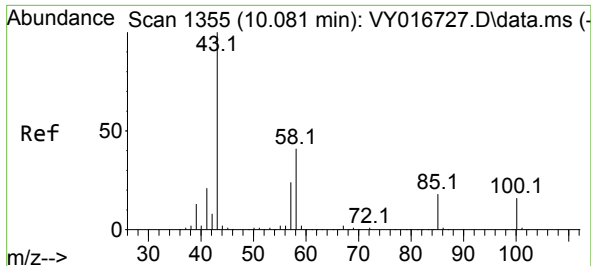
Tgt Ion: 98 Resp: 276481

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

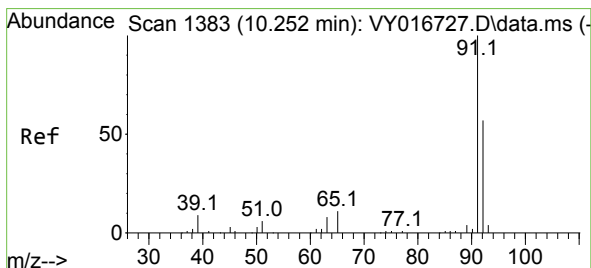
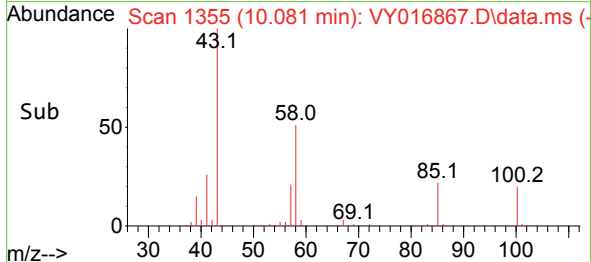
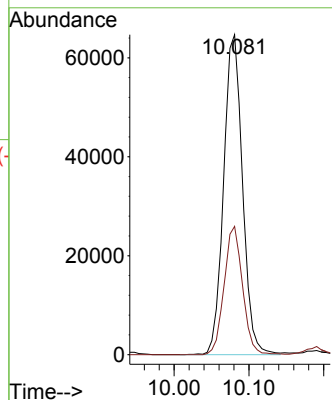
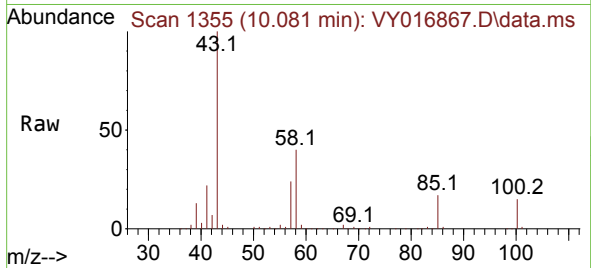




#51
4-Methyl-2-Pentanone
Concen: 118.829 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

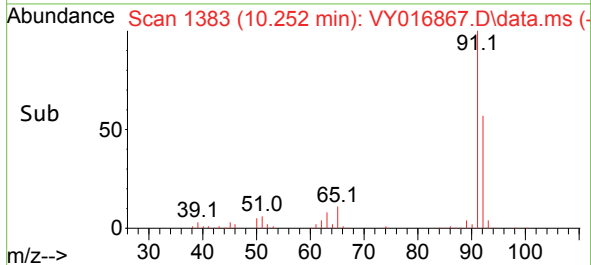
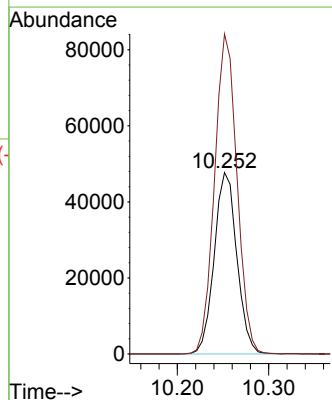
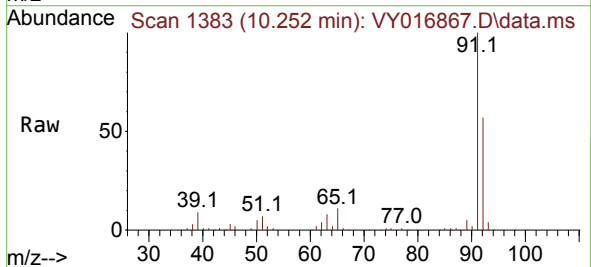
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

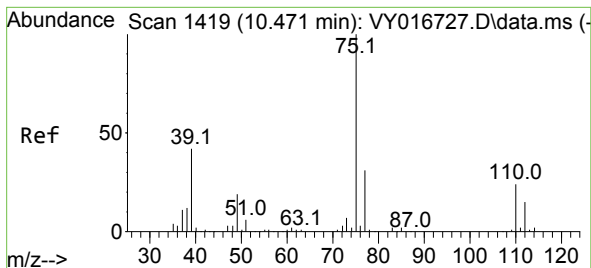
Tgt Ion: 43 Resp: 113820
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.2



#52
Toluene
Concen: 21.779 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 92 Resp: 82017
Ion Ratio Lower Upper
92 100
91 175.5 137.6 206.4

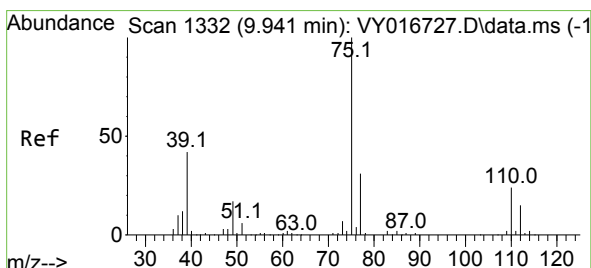
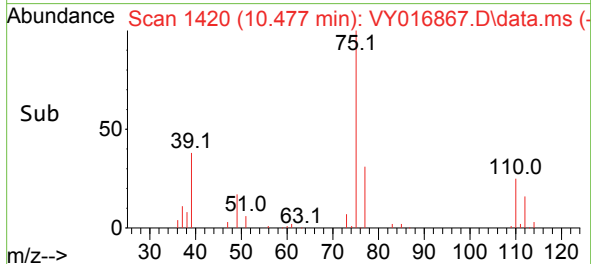
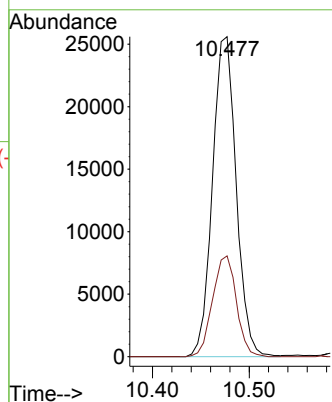
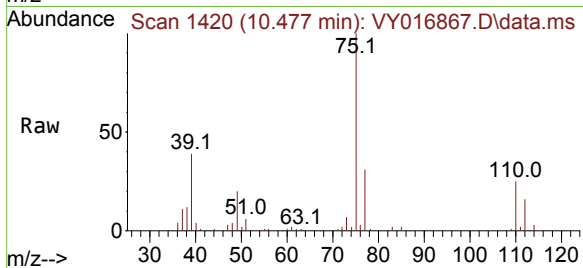




#53
 t-1,3-Dichloropropene
 Concen: 22.287 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

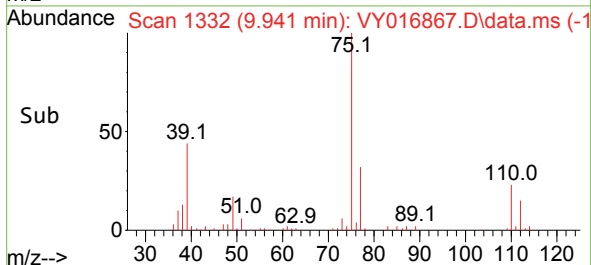
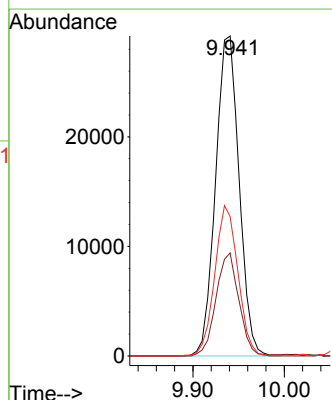
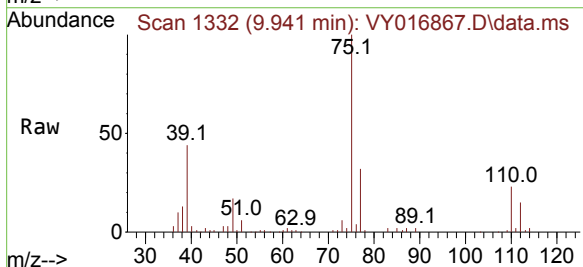
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

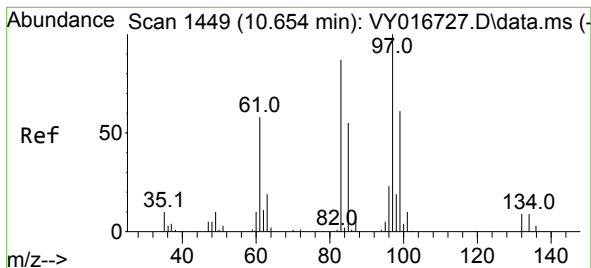
Tgt Ion: 75 Resp: 43619
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 22.143 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

Tgt Ion: 75 Resp: 52273
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.6 36.8
 39 43.6 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 23.127 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

Tgt Ion: 97 Resp: 26871

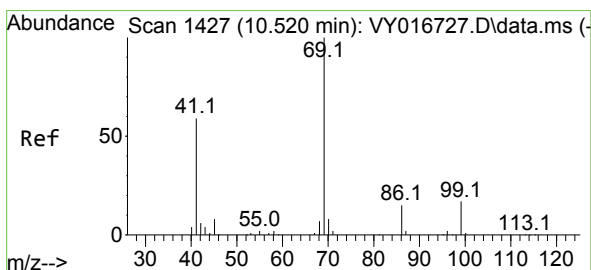
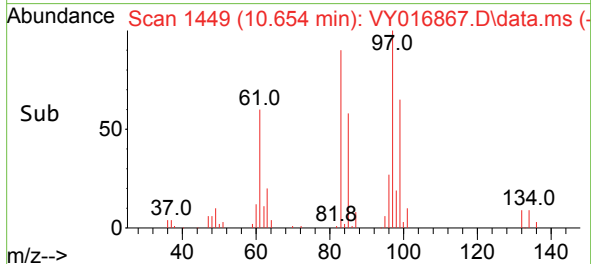
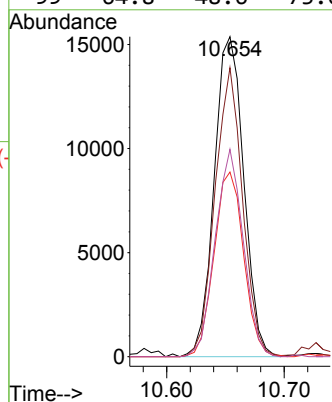
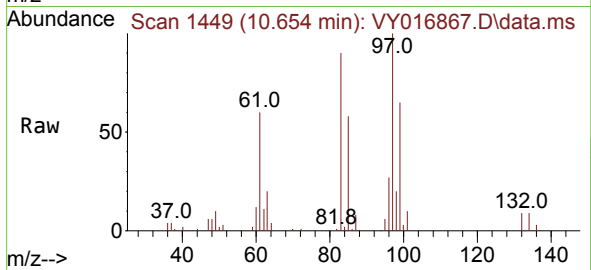
Ion Ratio Lower Upper

97 100

83 90.3 69.4 104.2

85 57.7 43.9 65.9

99 64.8 48.6 73.0



#56

Ethyl methacrylate

Concen: 21.631 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

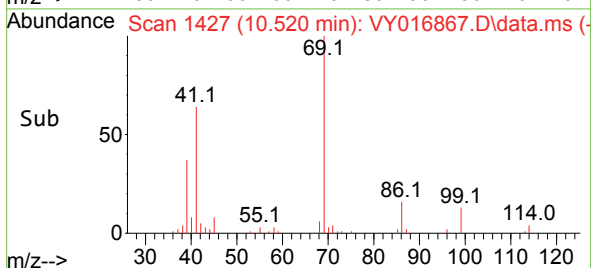
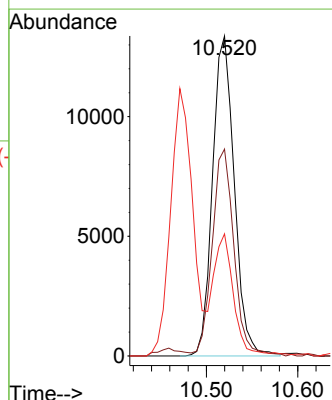
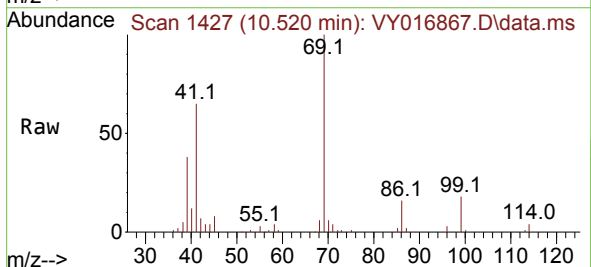
Tgt Ion: 69 Resp: 22100

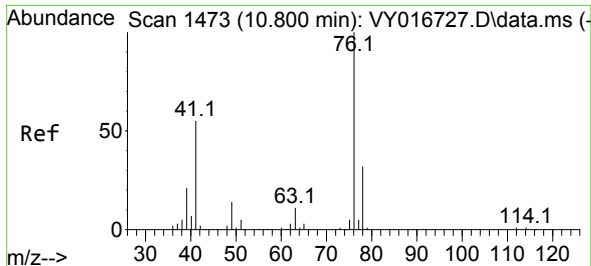
Ion Ratio Lower Upper

69 100

41 64.8 49.2 73.8

39 33.3 26.8 40.2





#57

1,3-Dichloropropane

Concen: 23.079 ug/l

RT: 10.800 min Scan# 1473

Delta R.T. 0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

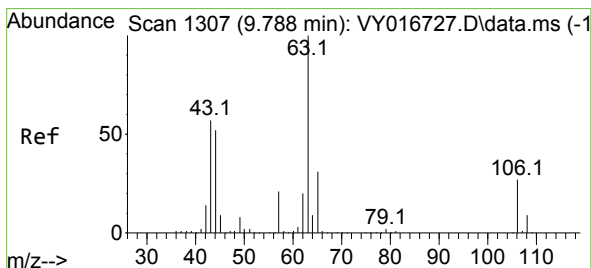
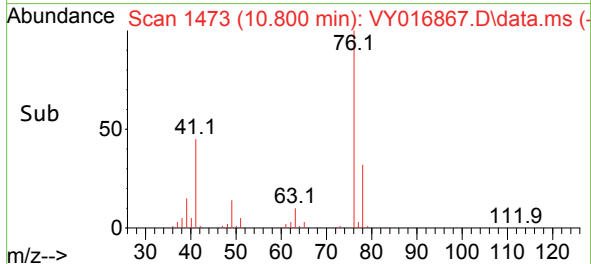
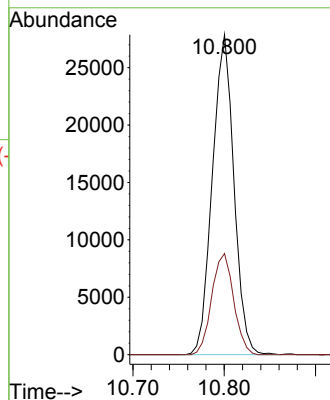
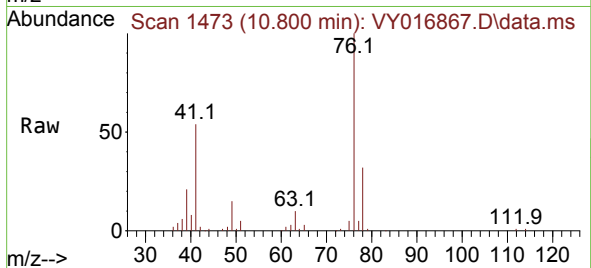
VY1227SBS01

Tgt Ion: 76 Resp: 45547

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 99.114 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY016867.D

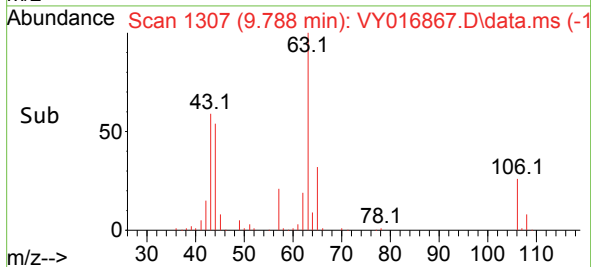
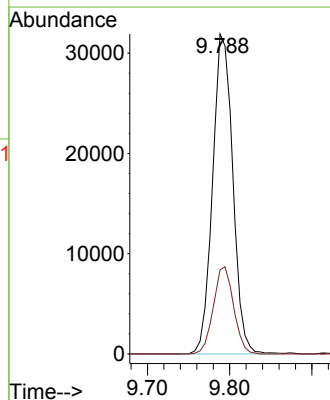
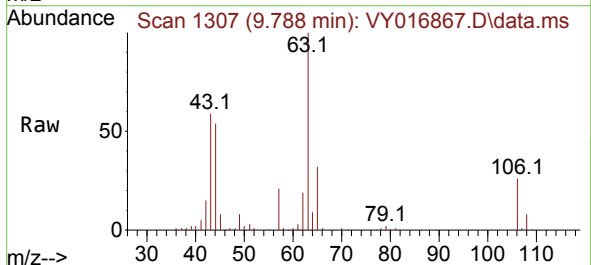
Acq: 27 Dec 2023 10:37

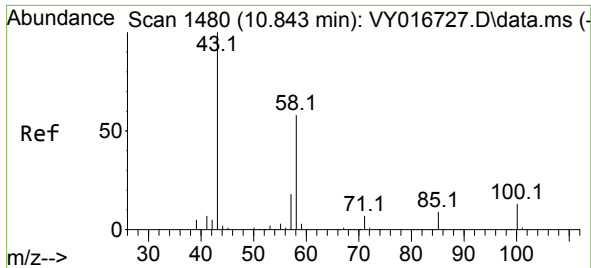
Tgt Ion: 63 Resp: 54475

Ion Ratio Lower Upper

63 100

106 27.3 22.4 33.6

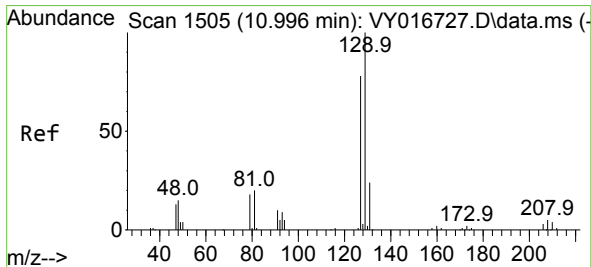
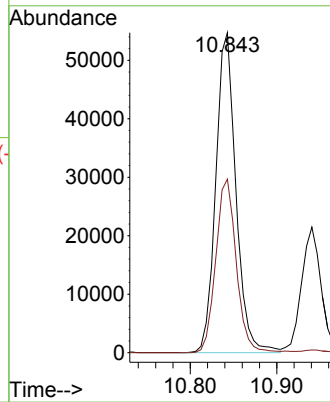
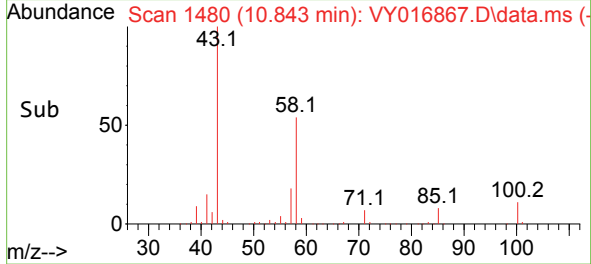
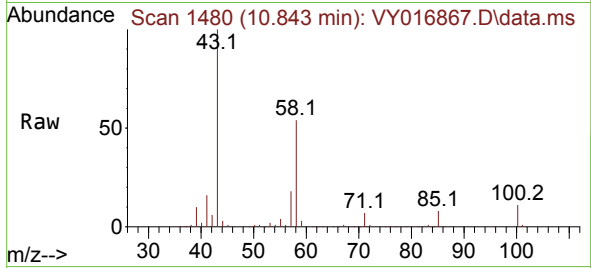




#59
2-Hexanone
Concen: 123.685 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

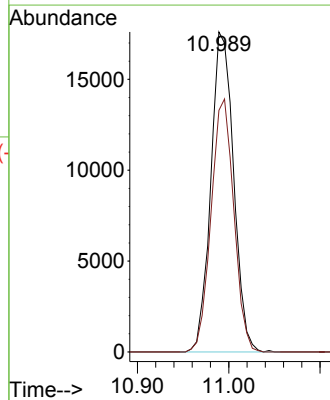
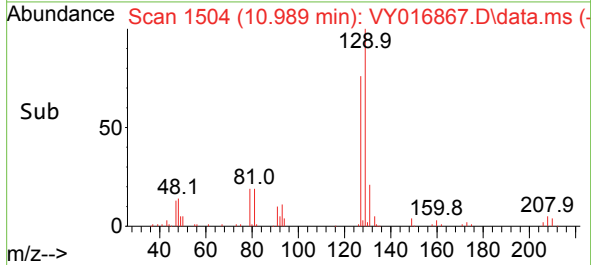
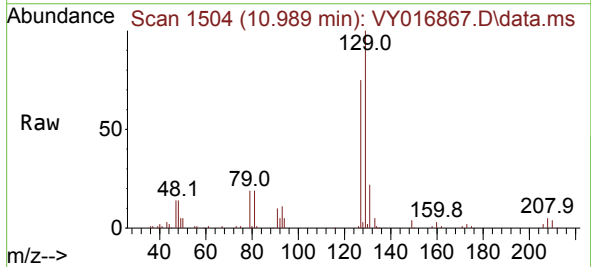
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

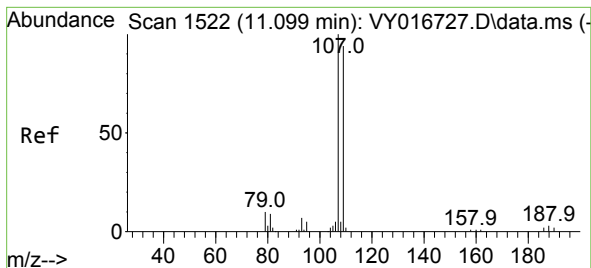
Tgt Ion: 43 Resp: 88339
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 22.600 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 129 Resp: 30376
Ion Ratio Lower Upper
129 100
127 79.0 39.2 117.6

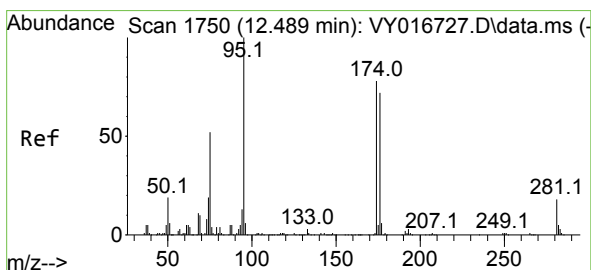
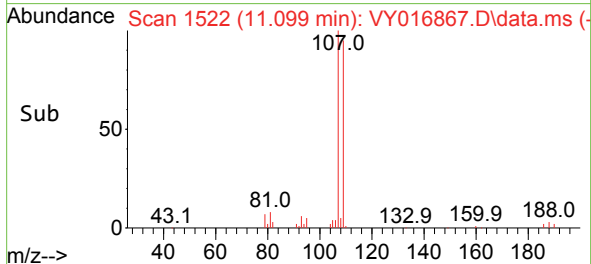
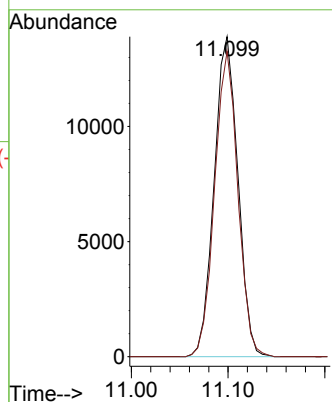
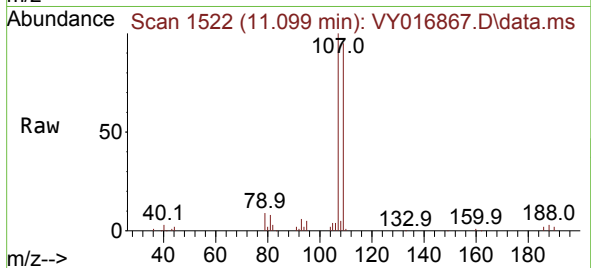




#61
1,2-Dibromoethane
Concen: 22.716 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

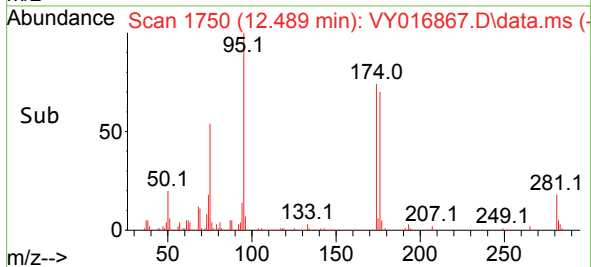
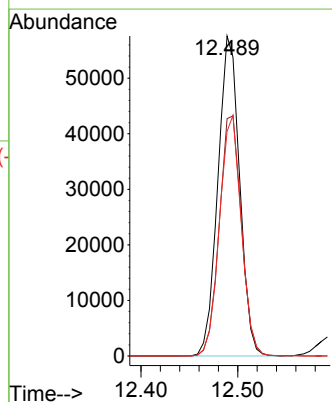
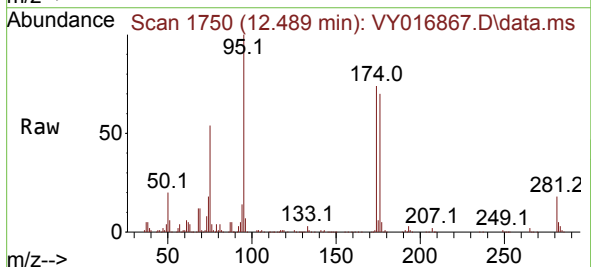
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

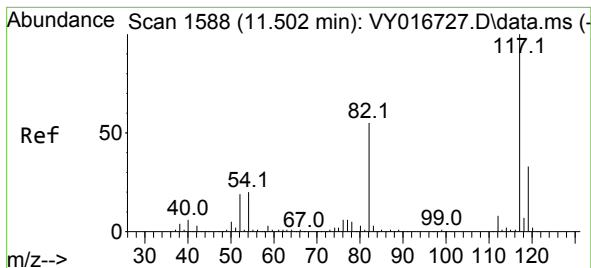
Tgt Ion:107 Resp: 23670
Ion Ratio Lower Upper
107 100
109 93.4 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 56.793 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 95 Resp: 89471
Ion Ratio Lower Upper
95 100
174 76.7 0.0 160.0
176 75.3 0.0 151.8

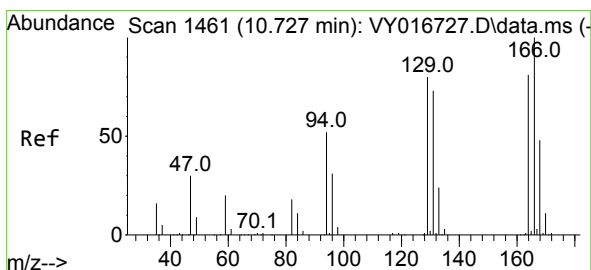
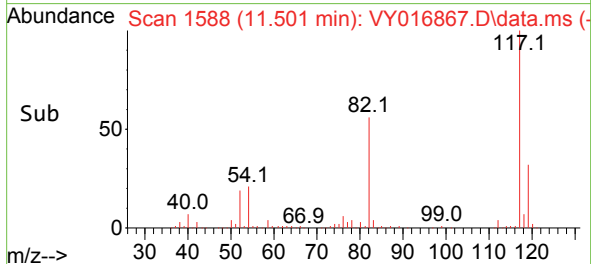
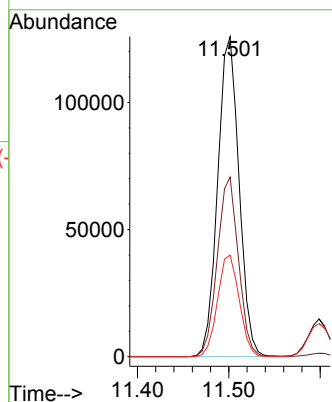
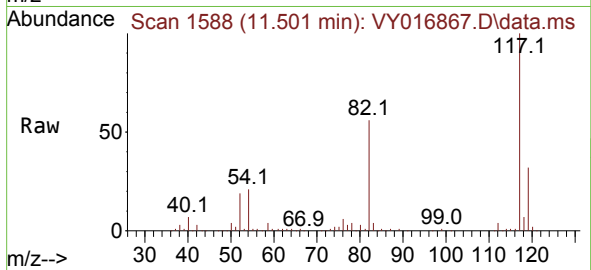




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.501 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

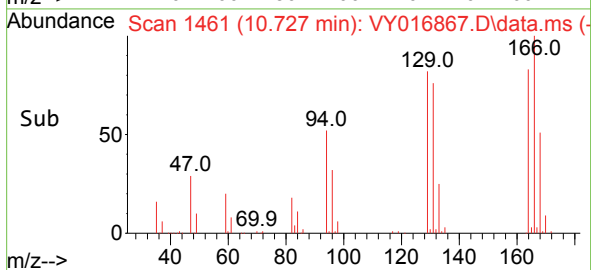
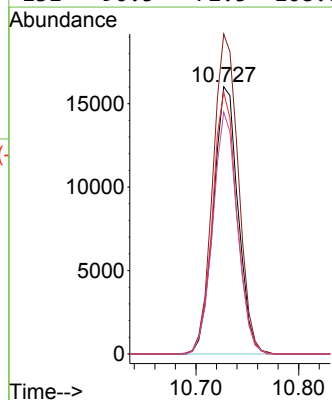
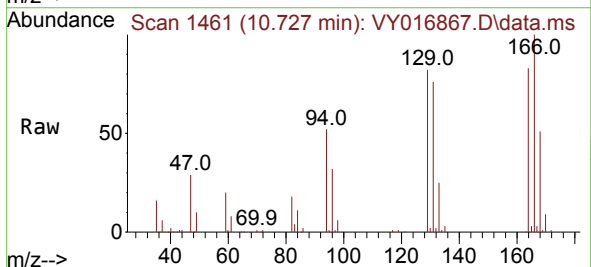
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

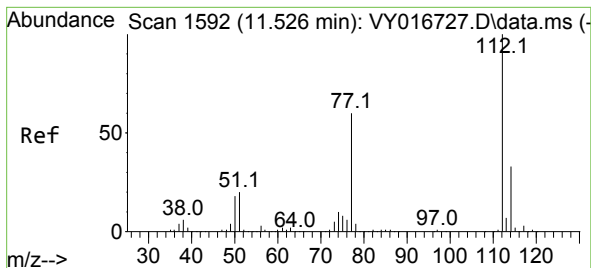
Tgt Ion:117 Resp: 204424
Ion Ratio Lower Upper
117 100
82 56.2 43.8 65.8
119 31.8 26.5 39.7



#64
Tetrachloroethene
Concen: 20.972 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:164 Resp: 26632
Ion Ratio Lower Upper
164 100
166 119.8 98.8 148.2
129 98.0 78.9 118.3
131 90.5 72.5 108.7





#65

Chlorobenzene

Concen: 21.427 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

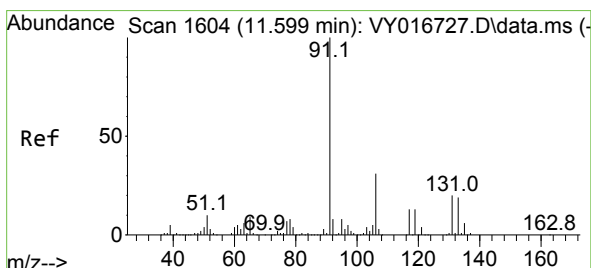
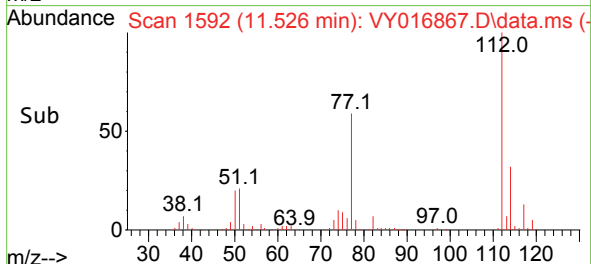
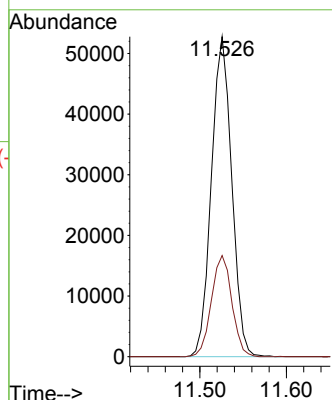
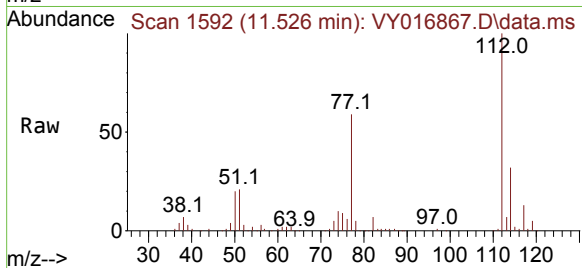
VY1227SBS01

Tgt Ion:112 Resp: 86060

Ion Ratio Lower Upper

112 100

114 31.6 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 21.358 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

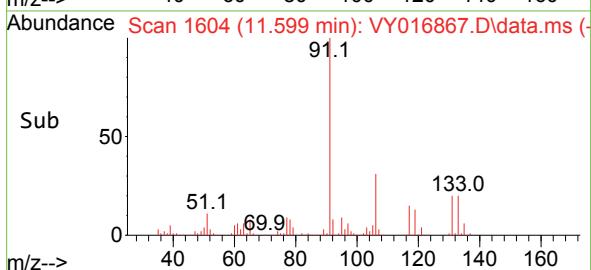
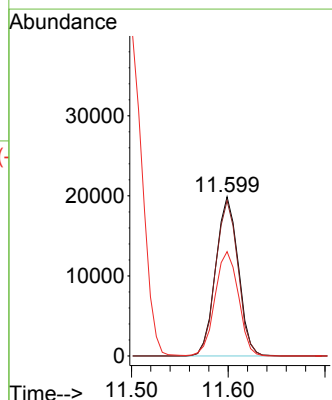
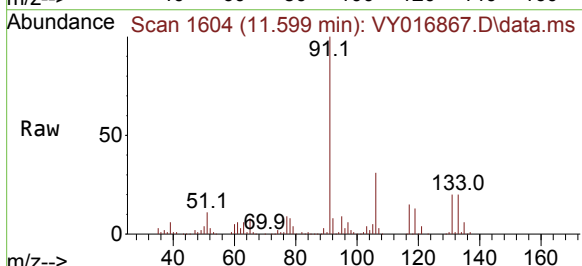
Tgt Ion:131 Resp: 32275

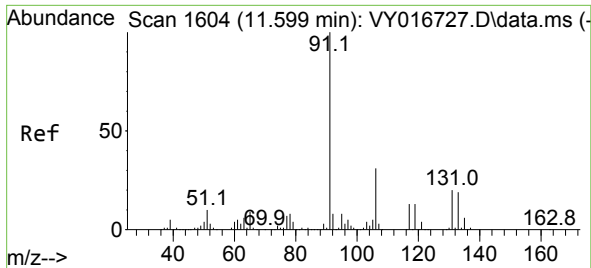
Ion Ratio Lower Upper

131 100

133 97.0 47.0 141.0

119 68.0 33.3 99.9

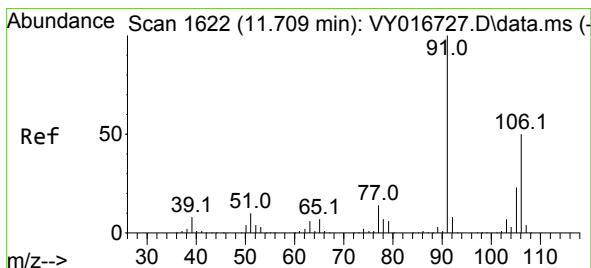
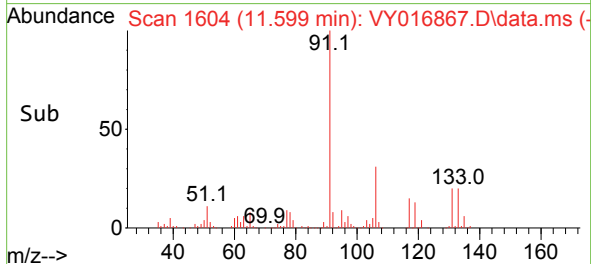
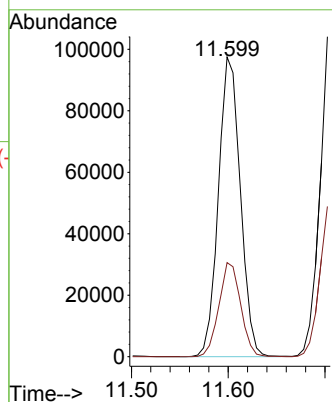
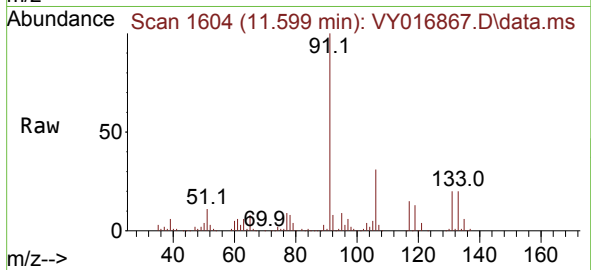




#67
Ethyl Benzene
Concen: 20.751 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

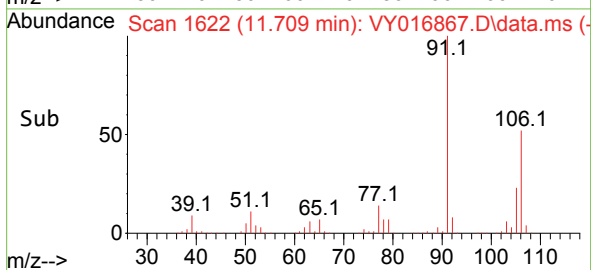
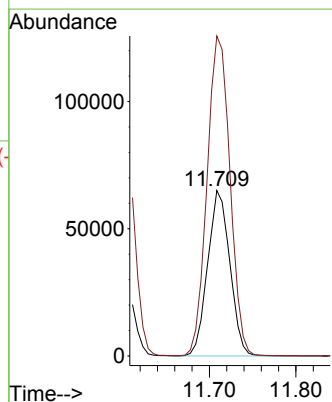
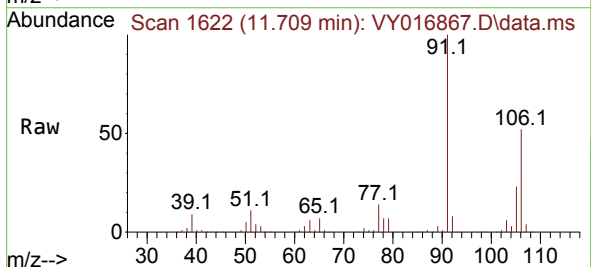
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

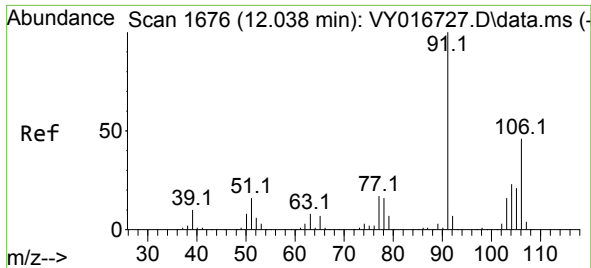
Tgt Ion: 91 Resp: 153401
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.4



#68
m/p-Xylenes
Concen: 42.398 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:106 Resp: 115739
Ion Ratio Lower Upper
106 100
91 200.1 160.7 241.1

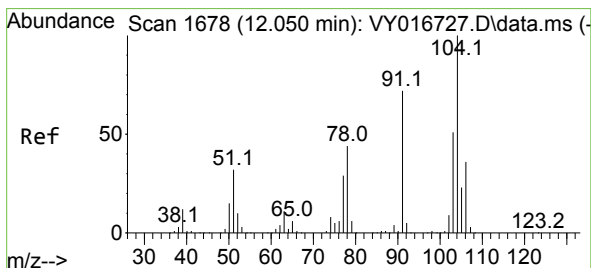
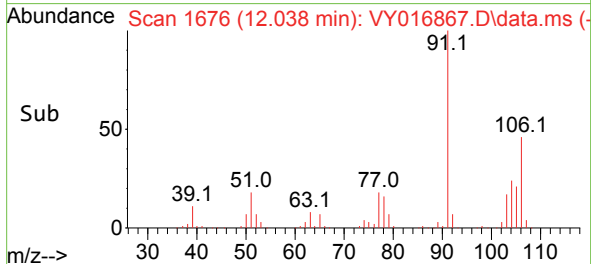
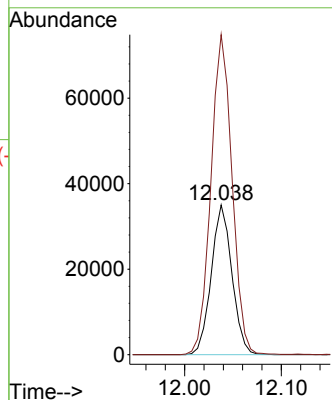
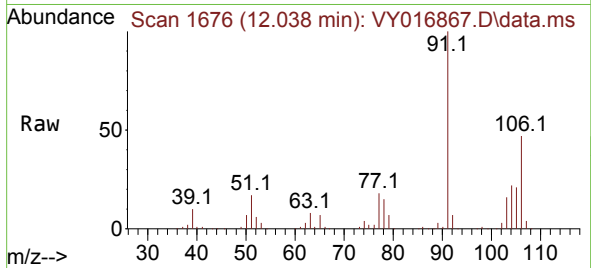




#69
o-Xylene
Concen: 20.744 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

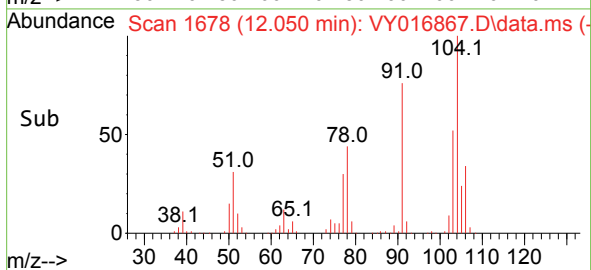
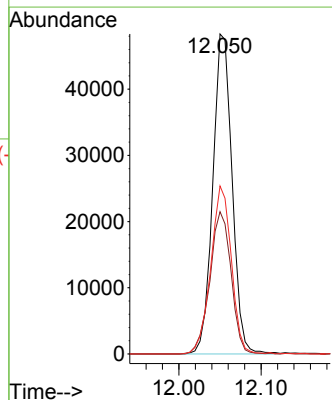
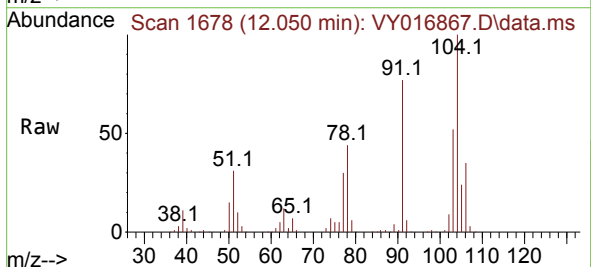
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

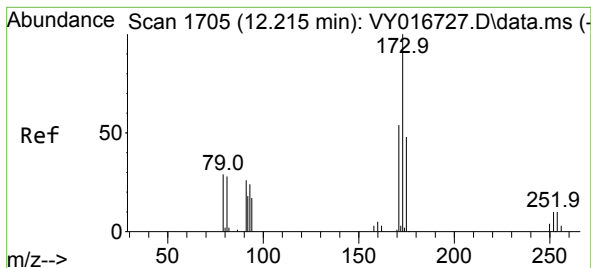
Tgt Ion:106 Resp: 51952
Ion Ratio Lower Upper
106 100
91 218.9 106.5 319.5



#70
Styrene
Concen: 21.271 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:104 Resp: 78827
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 55.9 43.8 65.6





#71

Bromoform

Concen: 22.323 ug/l

RT: 12.215 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

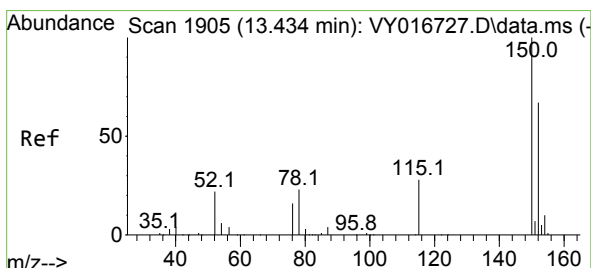
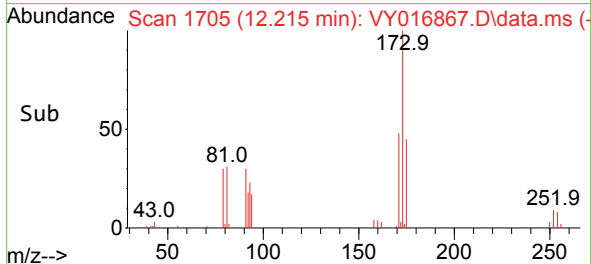
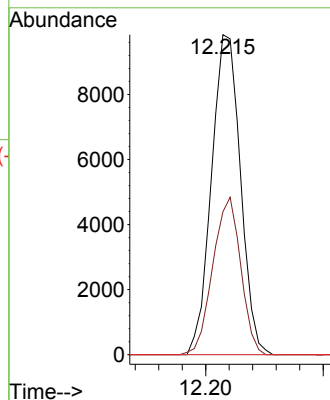
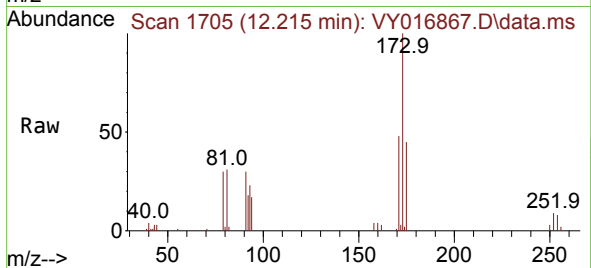
Tgt Ion:173 Resp: 16818

Ion Ratio Lower Upper

173 100

175 47.3 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

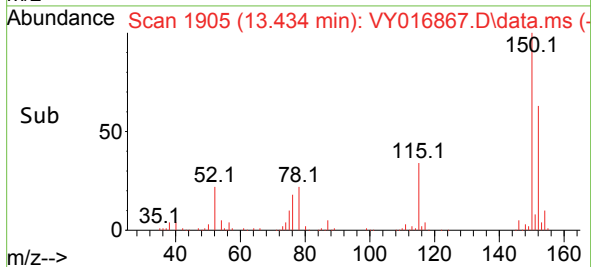
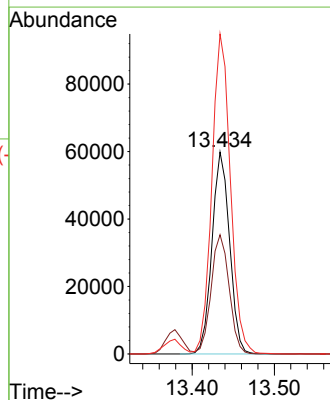
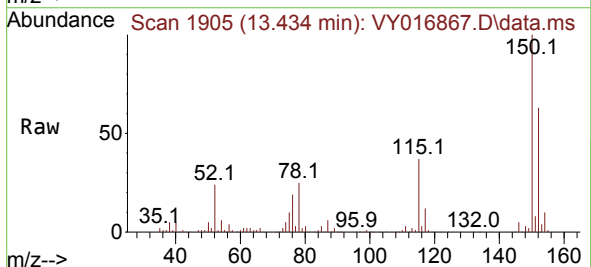
Tgt Ion:152 Resp: 88985

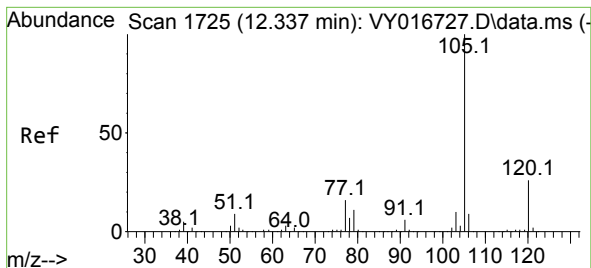
Ion Ratio Lower Upper

152 100

115 60.5 30.0 90.0

150 166.9 0.0 344.6





#73

Isopropylbenzene

Concen: 21.023 ug/l

RT: 12.337 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

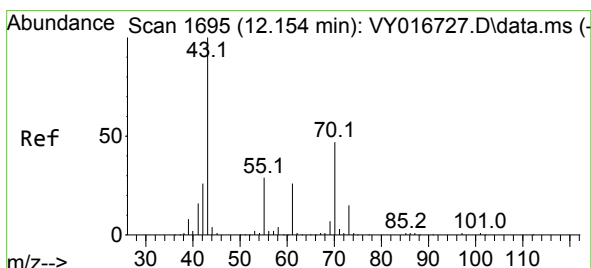
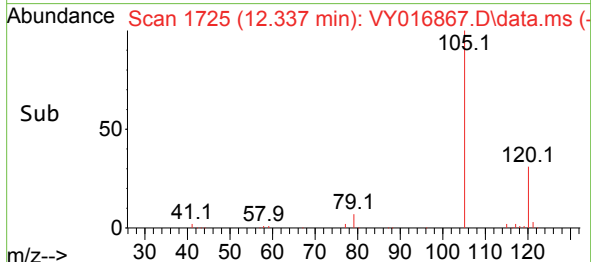
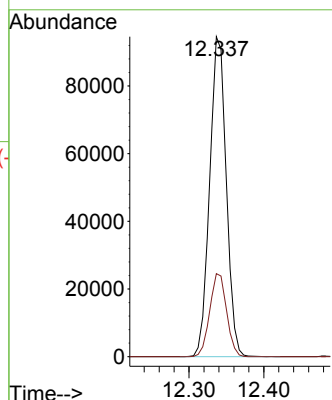
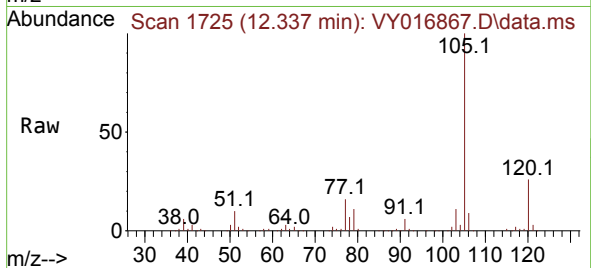
VY1227SBS01

Tgt Ion:105 Resp: 145698

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 22.055 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Tgt Ion: 43 Resp: 32078

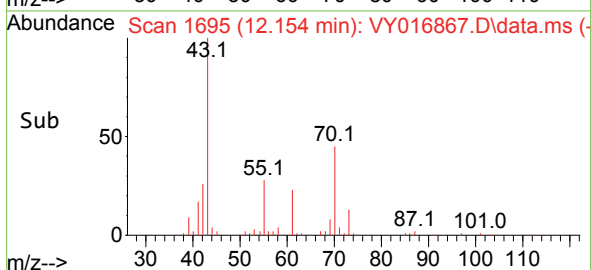
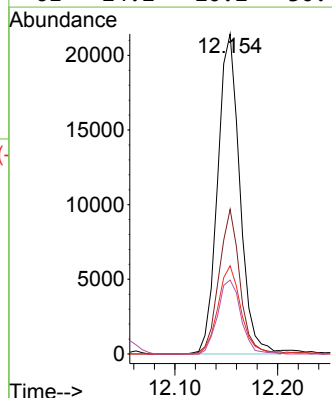
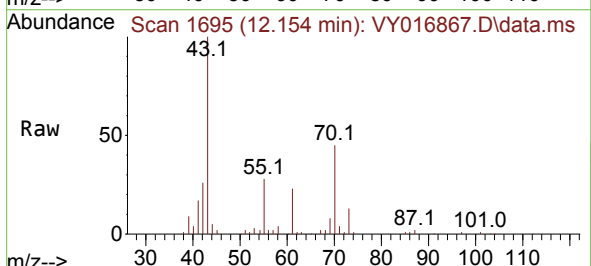
Ion Ratio Lower Upper

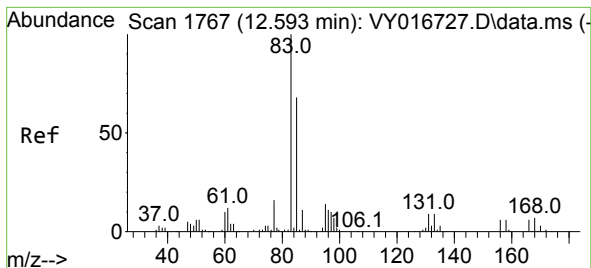
43 100

70 42.8 36.6 55.0

55 28.5 22.2 33.4

61 24.2 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 22.671 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

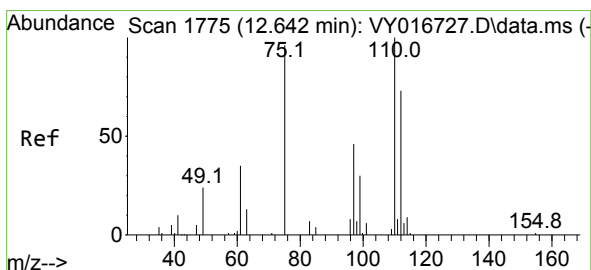
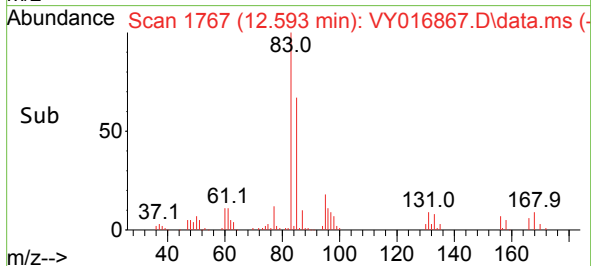
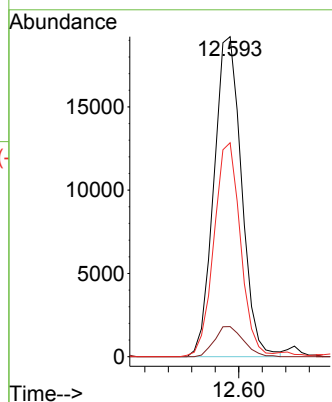
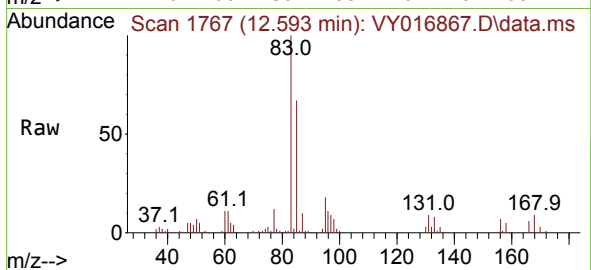
Tgt Ion: 83 Resp: 31397

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.6

85 64.3 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 36.902 ug/l

RT: 12.641 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016867.D

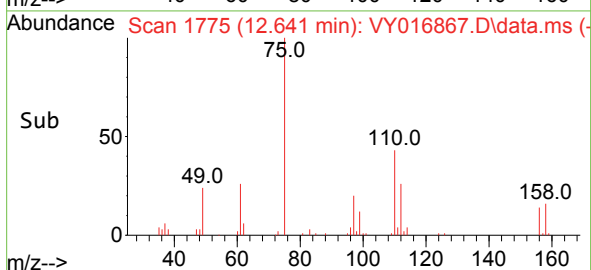
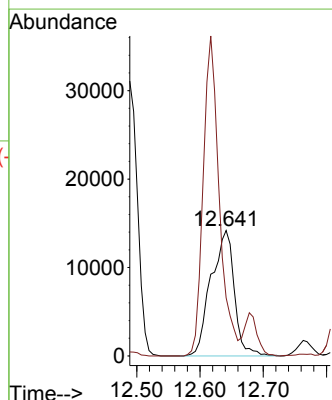
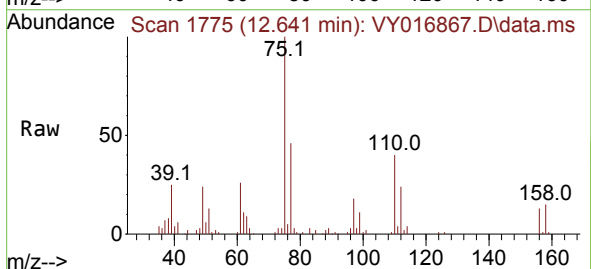
Acq: 27 Dec 2023 10:37

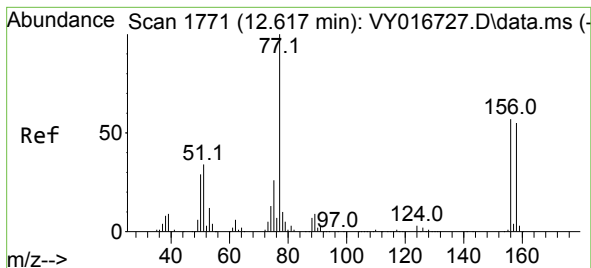
Tgt Ion: 75 Resp: 36300

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.152 ug/l

RT: 12.617 min Scan# 1771

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

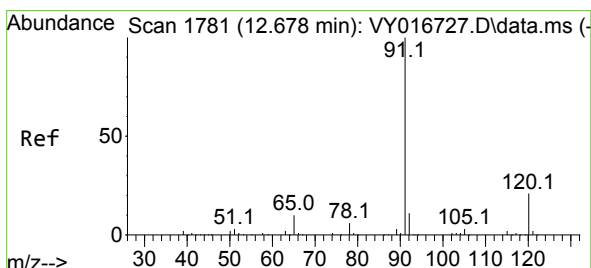
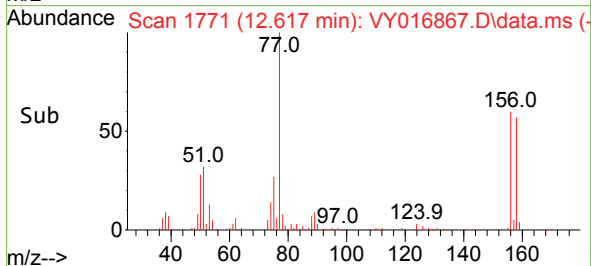
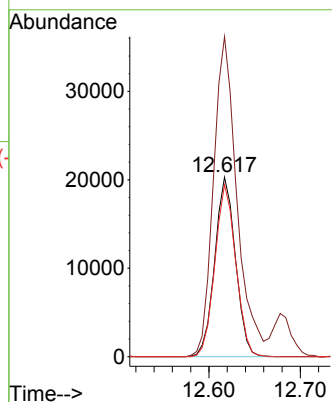
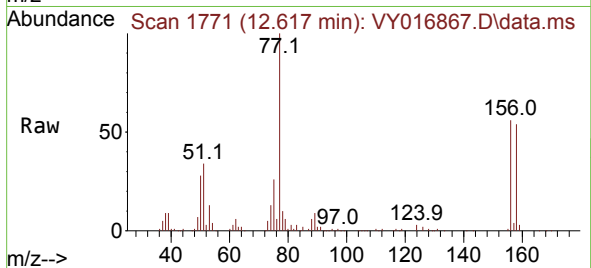
Tgt Ion:156 Resp: 31979

Ion Ratio Lower Upper

156 100

77 201.1 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 21.475 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VY016867.D

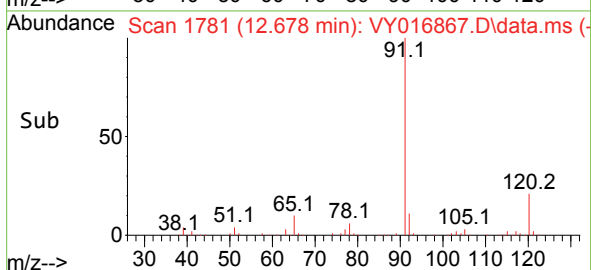
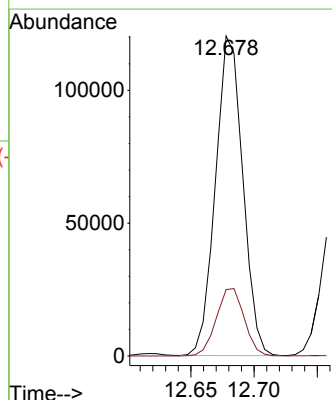
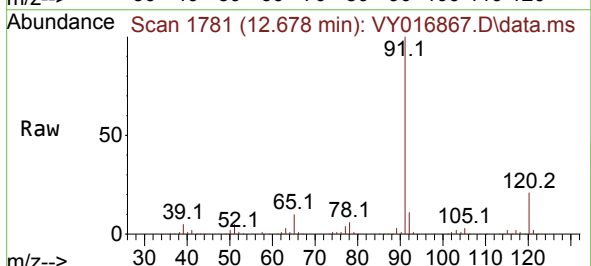
Acq: 27 Dec 2023 10:37

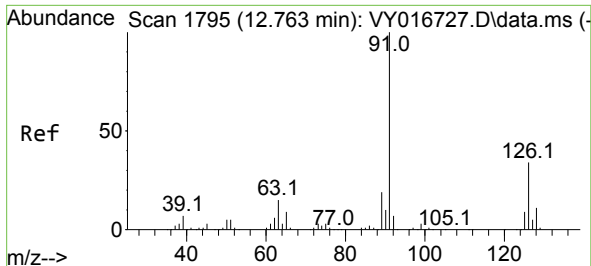
Tgt Ion: 91 Resp: 180314

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0

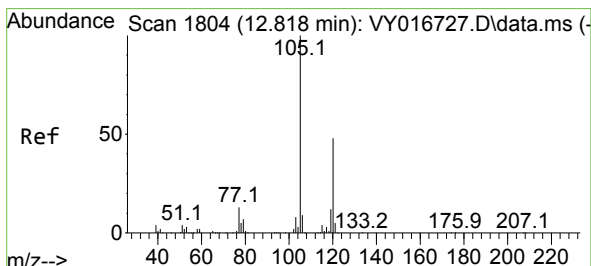
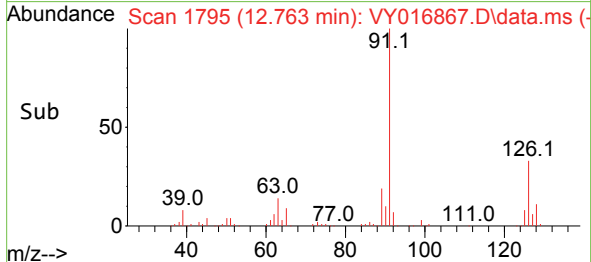
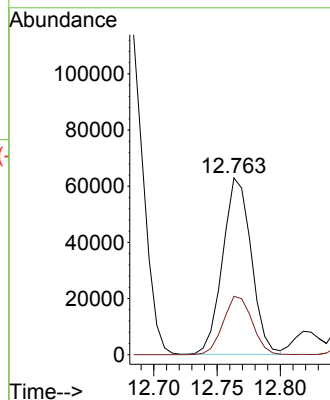
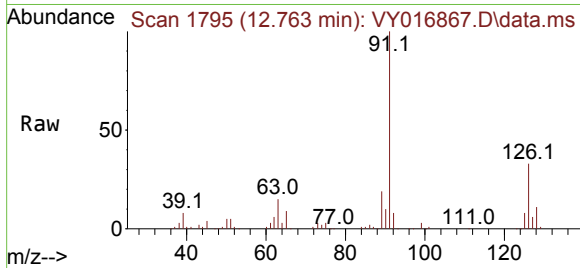




#79
2-Chlorotoluene
Concen: 21.291 ug/l
RT: 12.763 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

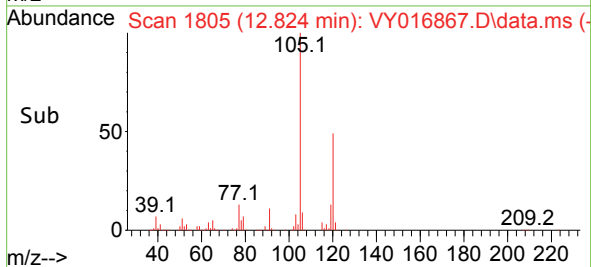
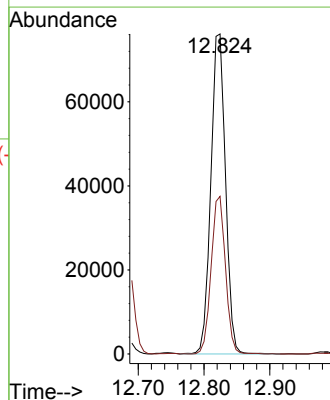
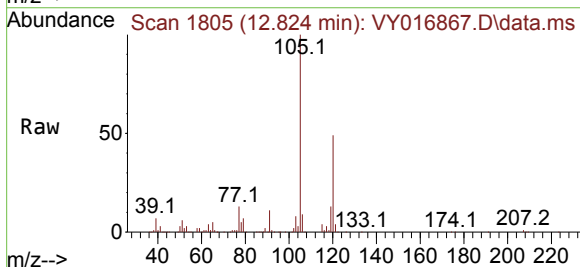
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

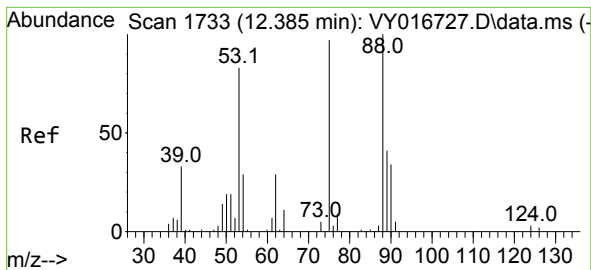
Tgt Ion: 91 Resp: 98924
Ion Ratio Lower Upper
91 100
126 33.4 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 21.515 ug/l
RT: 12.824 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion:105 Resp: 118031
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

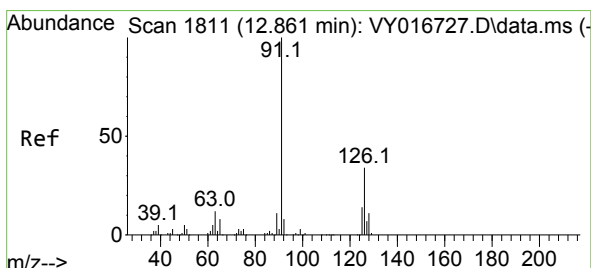
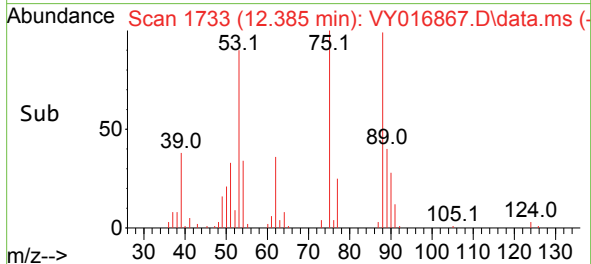
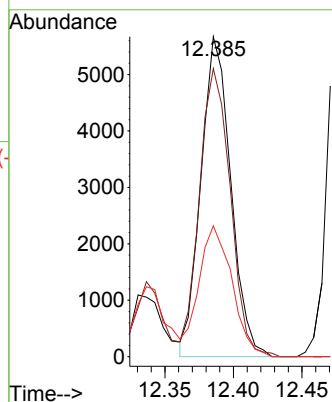
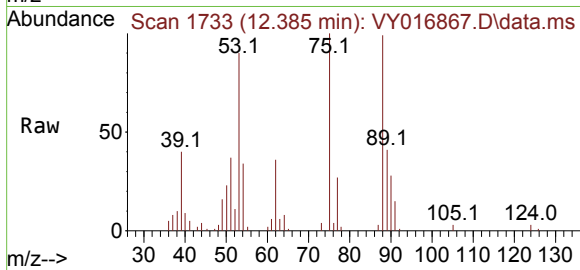




#81
trans-1,4-Dichloro-2-butene
Concen: 20.472 ug/l
RT: 12.385 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

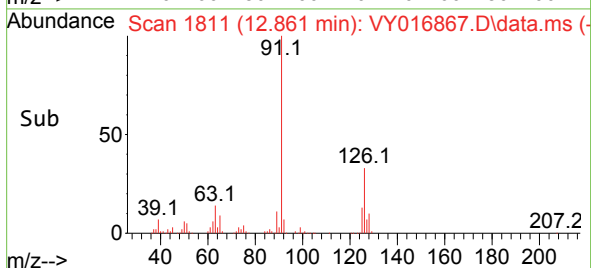
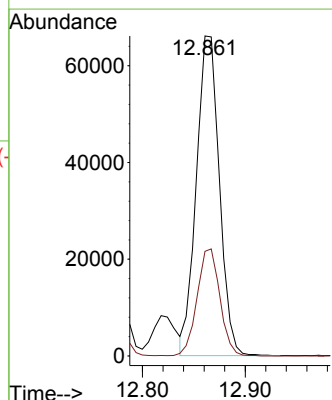
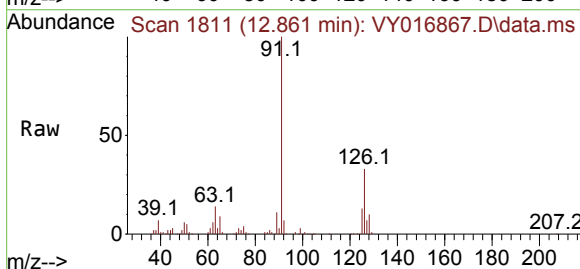
Instrument :
MSVOA_Y
ClientSampleId :
VY1227SBS01

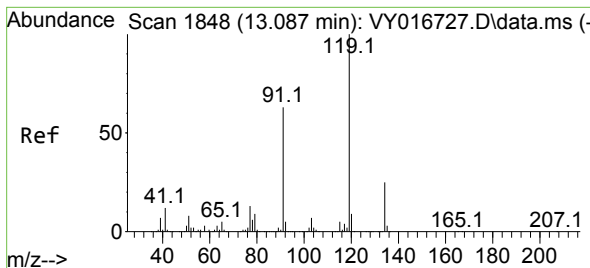
Tgt Ion: 75 Resp: 8575
Ion Ratio Lower Upper
75 100
53 93.2 74.0 111.0
89 45.5 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.604 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VY016867.D
Acq: 27 Dec 2023 10:37

Tgt Ion: 91 Resp: 102978
Ion Ratio Lower Upper
91 100
126 33.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.602 ug/l

RT: 13.086 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

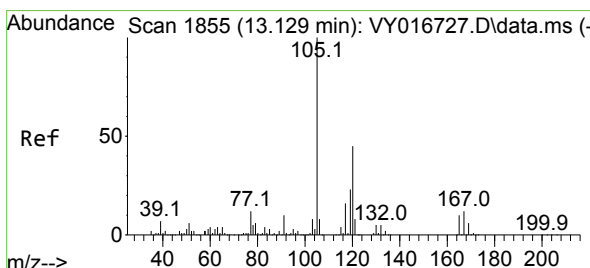
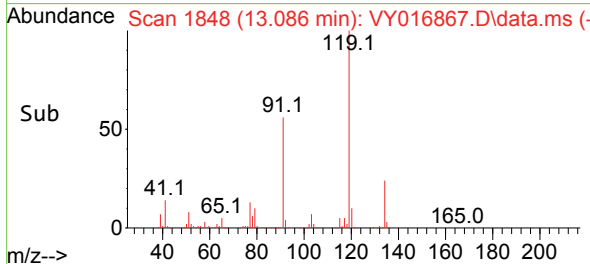
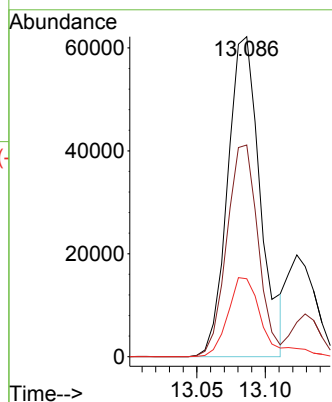
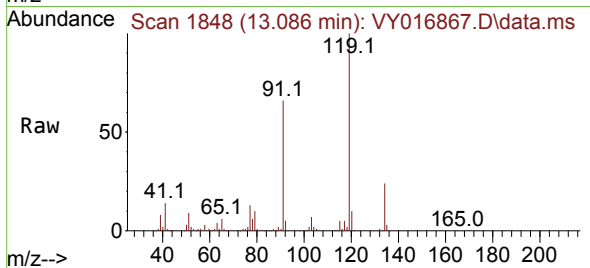
Tgt Ion:119 Resp: 103082

Ion Ratio Lower Upper

119 100

91 63.5 31.5 94.5

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 21.419 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016867.D

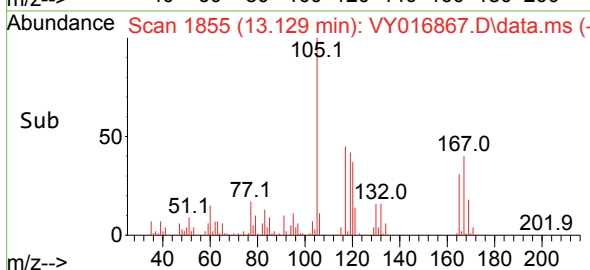
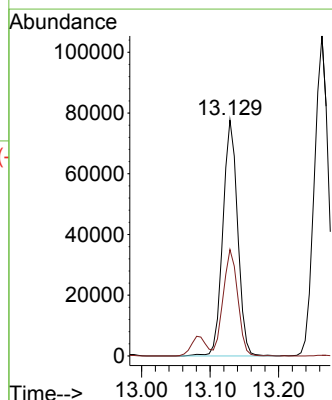
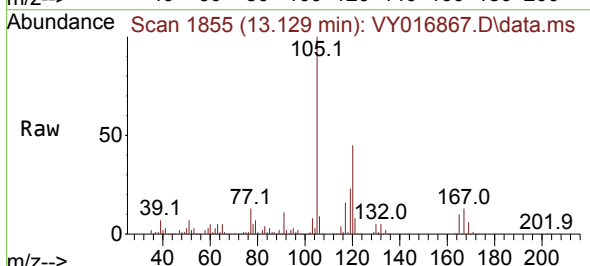
Acq: 27 Dec 2023 10:37

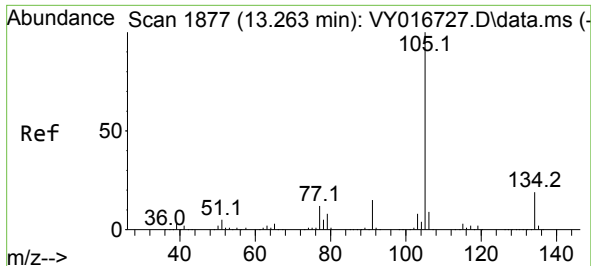
Tgt Ion:105 Resp: 115865

Ion Ratio Lower Upper

105 100

120 44.3 22.1 66.3

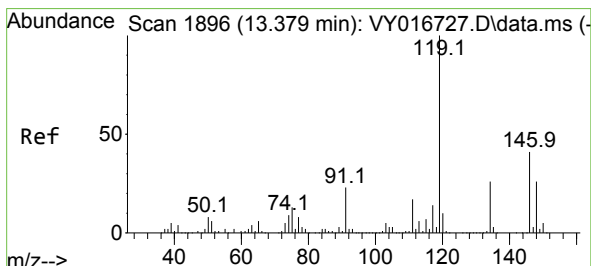
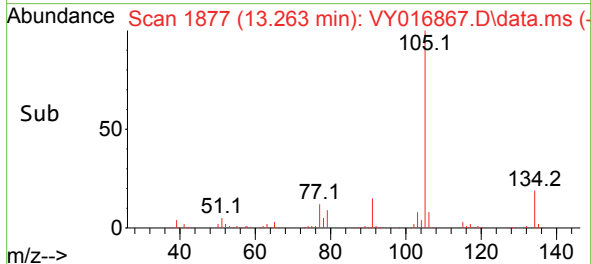
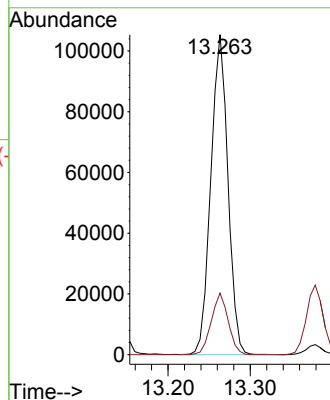
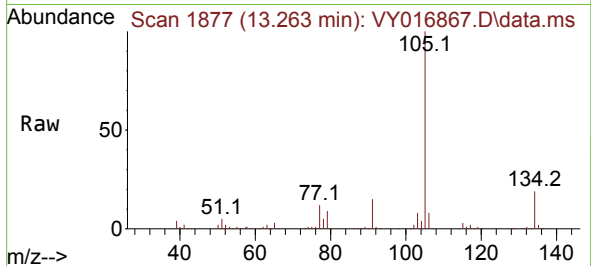




#85
 sec-Butylbenzene
 Concen: 21.532 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

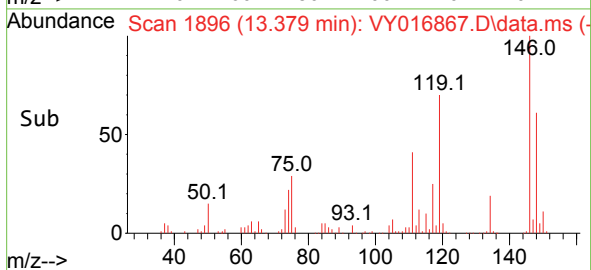
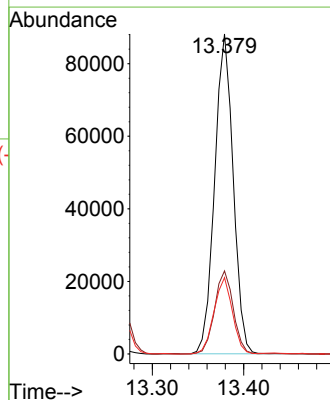
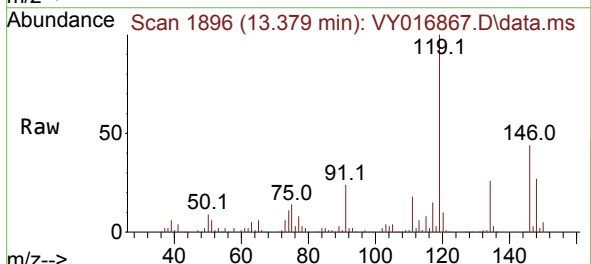
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1227SBS01

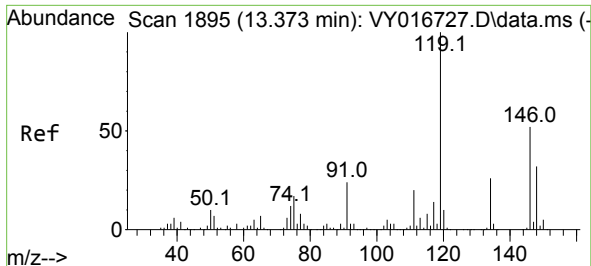
Tgt Ion:105 Resp: 152183
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 21.046 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. -0.000 min
 Lab File: VY016867.D
 Acq: 27 Dec 2023 10:37

Tgt Ion:119 Resp: 123876
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.8 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 21.062 ug/l

RT: 13.379 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

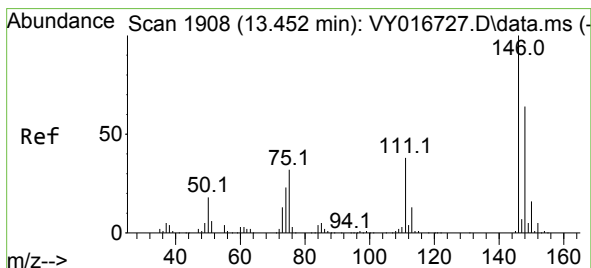
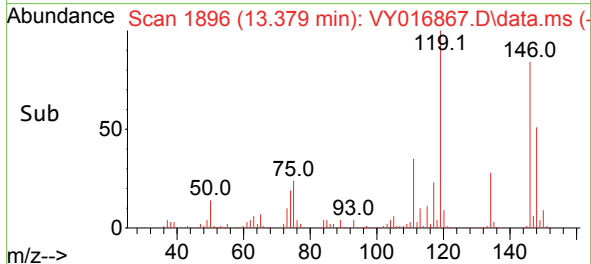
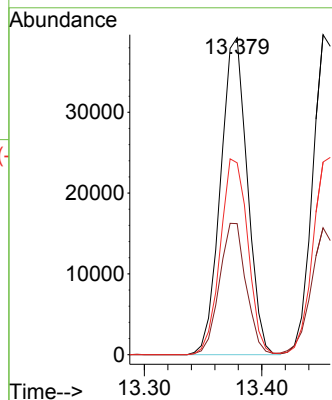
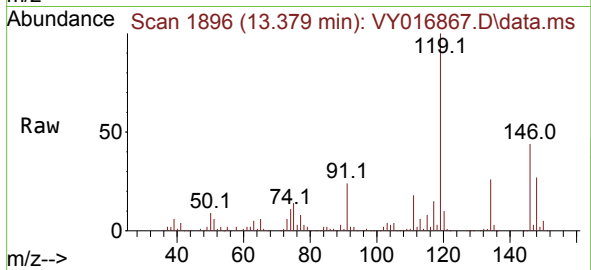
Tgt Ion:146 Resp: 62232

Ion Ratio Lower Upper

146 100

111 41.3 20.2 60.5

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 21.726 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

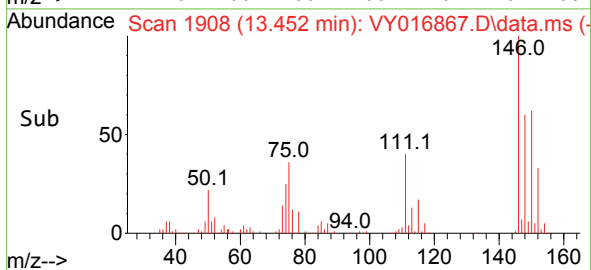
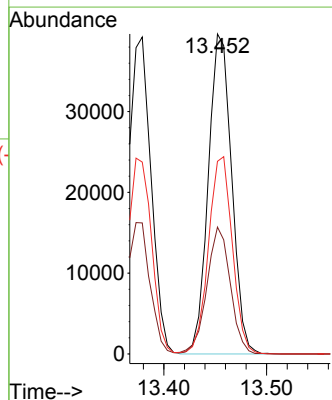
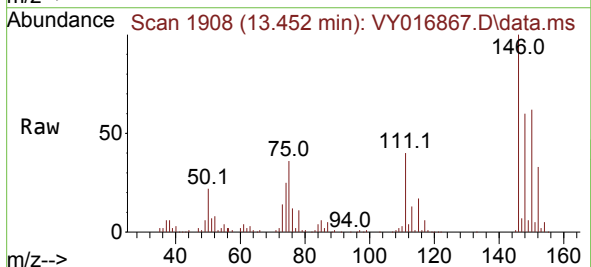
Tgt Ion:146 Resp: 62682

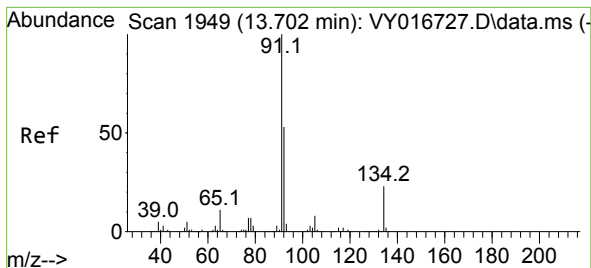
Ion Ratio Lower Upper

146 100

111 40.0 19.3 57.9

148 63.0 31.6 94.7





#89

n-Butylbenzene

Concen: 21.285 ug/l

RT: 13.708 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

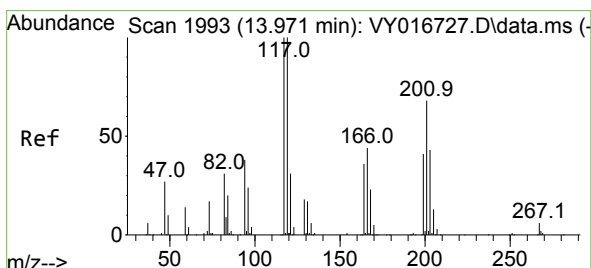
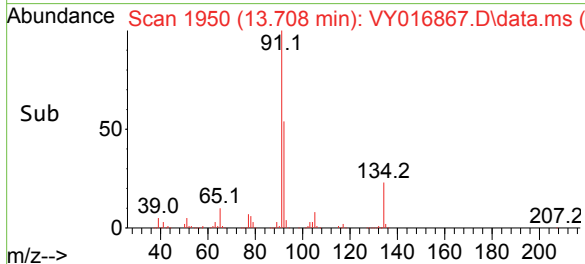
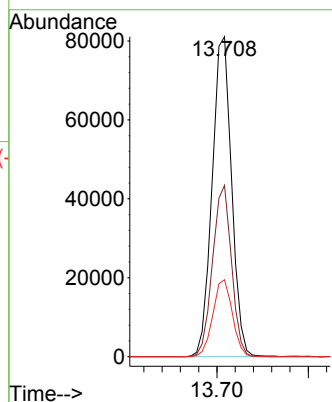
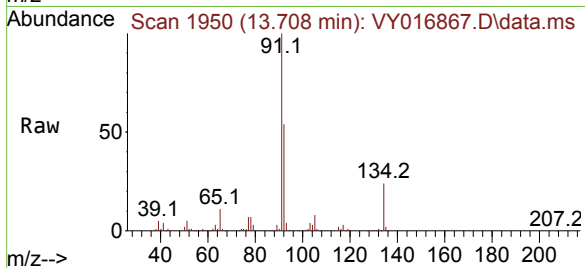
Tgt Ion: 91 Resp: 119765

Ion Ratio Lower Upper

91 100

92 52.1 26.4 79.2

134 24.1 12.3 36.8



#90

Hexachloroethane

Concen: 21.367 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016867.D

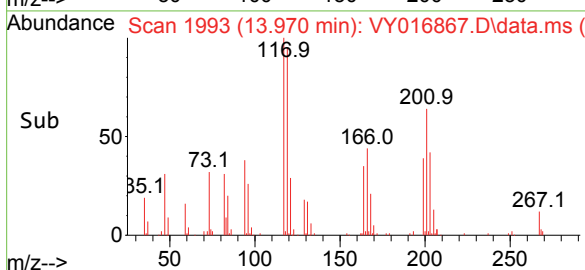
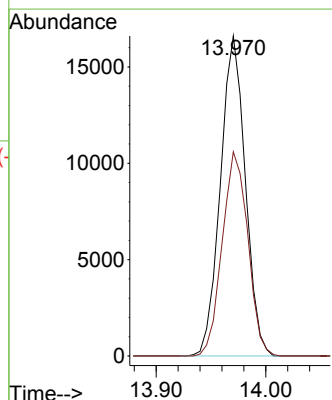
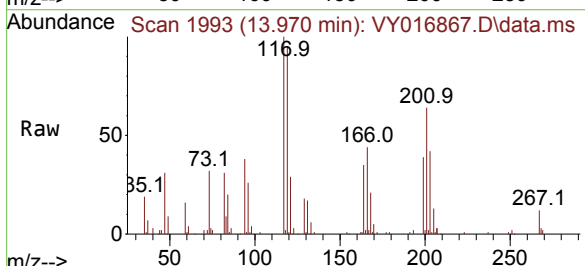
Acq: 27 Dec 2023 10:37

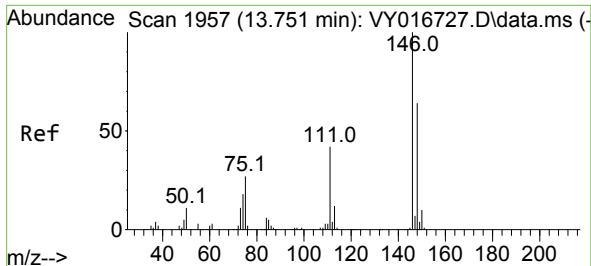
Tgt Ion: 117 Resp: 26189

Ion Ratio Lower Upper

117 100

201 65.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.379 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

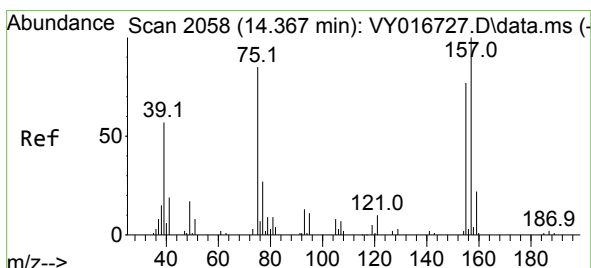
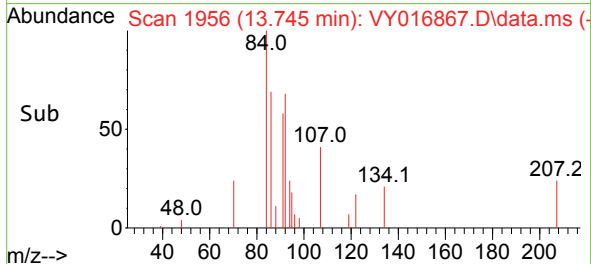
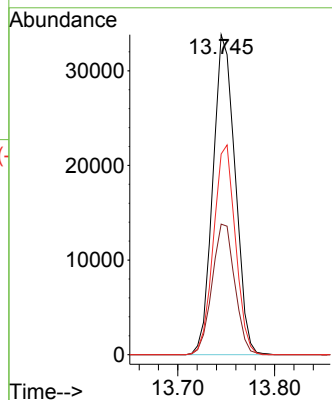
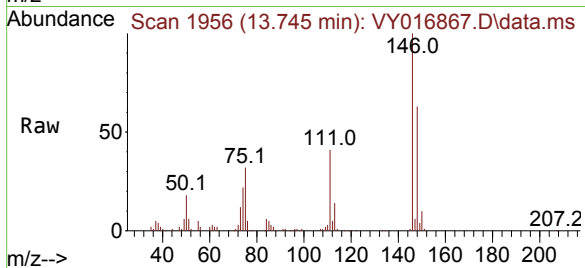
Tgt Ion:146 Resp: 53813

Ion Ratio Lower Upper

146 100

111 41.9 20.5 61.6

148 64.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.652 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

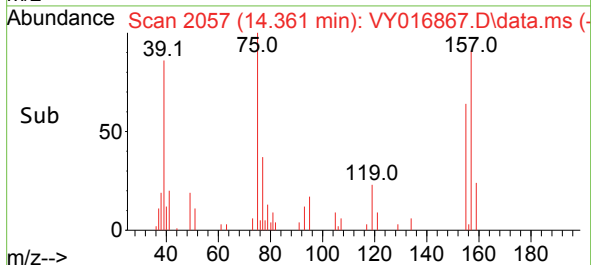
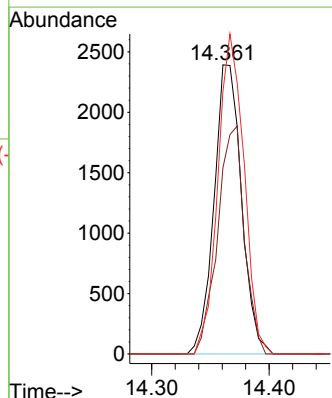
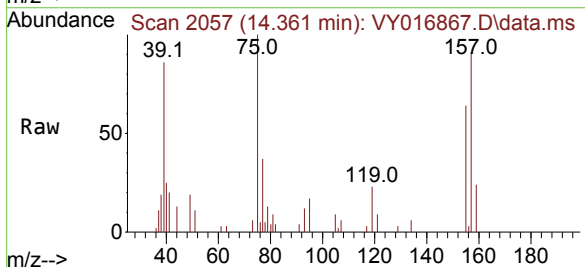
Tgt Ion: 75 Resp: 3887

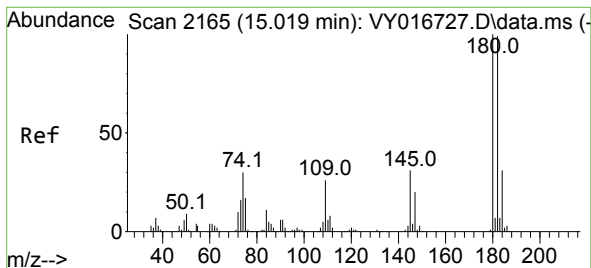
Ion Ratio Lower Upper

75 100

155 76.7 42.1 126.3

157 105.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 19.987 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

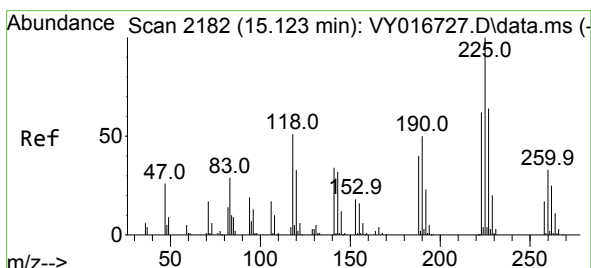
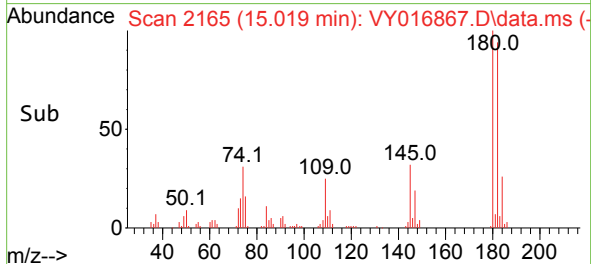
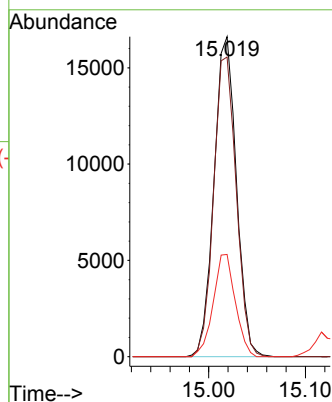
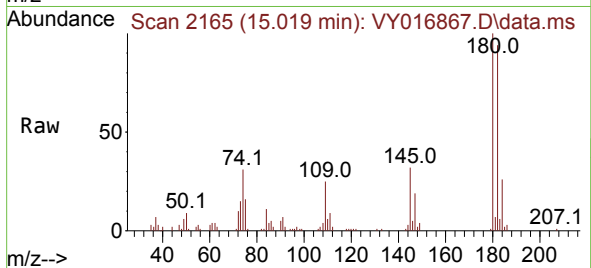
Tgt Ion:180 Resp: 26695

Ion Ratio Lower Upper

180 100

182 94.5 47.9 143.7

145 31.6 15.9 47.7



#94

Hexachlorobutadiene

Concen: 21.393 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

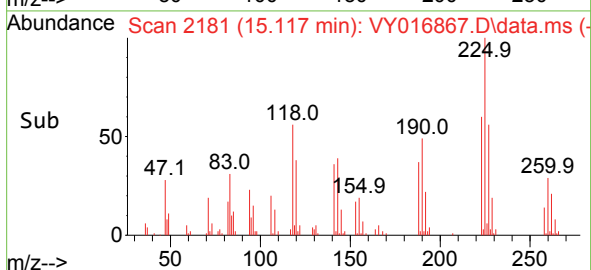
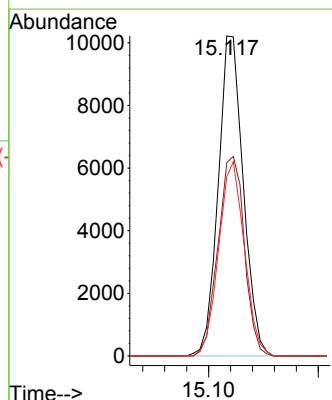
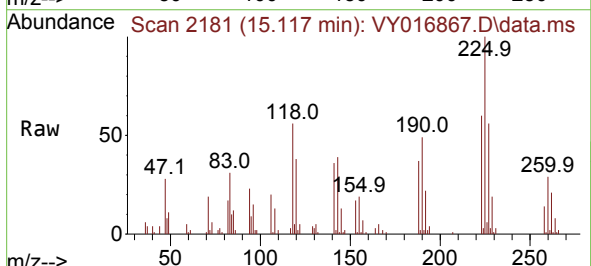
Tgt Ion:225 Resp: 16229

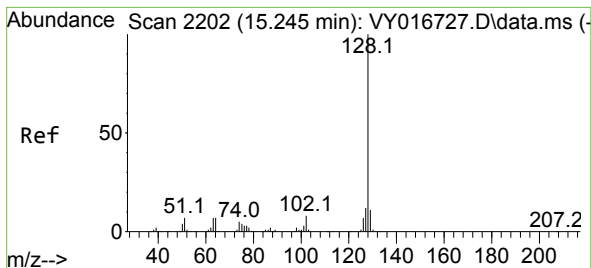
Ion Ratio Lower Upper

225 100

223 65.2 31.4 94.3

227 62.2 32.3 96.8





#95

Naphthalene

Concen: 18.704 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Instrument :

MSVOA_Y

ClientSampleId :

VY1227SBS01

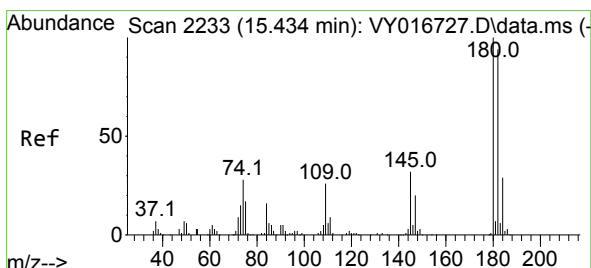
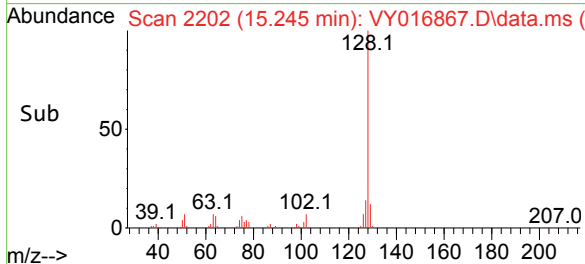
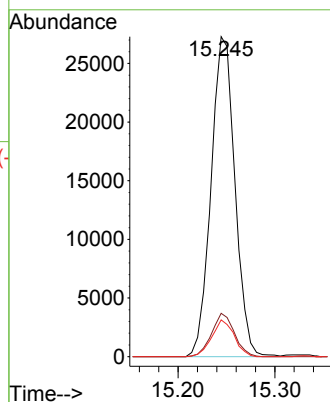
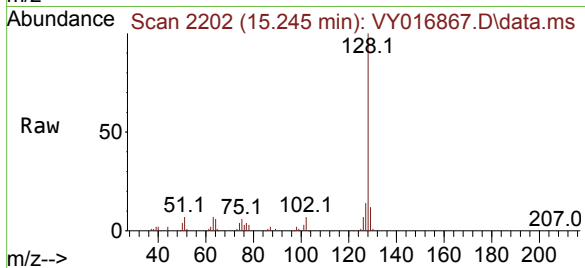
Tgt Ion:128 Resp: 46808

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.965 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016867.D

Acq: 27 Dec 2023 10:37

Tgt Ion:180 Resp: 22710

Ion Ratio Lower Upper

180 100

182 93.3 46.3 138.8

145 33.2 16.1 48.2

