

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018915.D
 Acq On : 25 Jul 2024 14:19
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Quant Time: Jul 26 02:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	101206	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	149404	50.000	ug/l	0.04
63) Chlorobenzene-d5	11.557	117	132458	50.000	ug/l	0.07
72) 1,4-Dichlorobenzene-d4	13.532	152	67672	50.000	ug/l	0.11

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	46794	46.987	ug/l	0.03
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.980%
35) Dibromofluoromethane	7.728	113	49262	52.644	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.280%
50) Toluene-d8	10.228	98	171211	48.294	ug/l	0.05
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.580%
62) 4-Bromofluorobenzene	12.569	95	61034	50.413	ug/l	0.09
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.820%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	14183	16.725	ug/l	94
3) Chloromethane	2.107	50	19065	14.794	ug/l	97
4) Vinyl Chloride	2.241	62	23577	15.640	ug/l	97
5) Bromomethane	2.631	94	19050	18.371	ug/l	99
6) Chloroethane	2.784	64	16048	16.386	ug/l	94
7) Trichlorofluoromethane	3.107	101	36329	18.442	ug/l	94
8) Diethyl Ether	3.515	74	9452	19.686	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.875	101	19802	19.592	ug/l	99
10) Methyl Iodide	4.070	142	18332	16.843	ug/l	92
11) Tert butyl alcohol	4.936	59	11185	110.870	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	17267	17.659	ug/l	94
13) Acrolein	3.717	56	4582	56.689	ug/l	100
14) Allyl chloride	4.460	41	21164	17.472	ug/l	90
15) Acrylonitrile	5.143	53	20183	106.556	ug/l	95
16) Acetone	3.942	43	18419	100.319	ug/l #	85
17) Carbon Disulfide	4.174	76	37754	13.789	ug/l	100
18) Methyl Acetate	4.460	43	11529	21.611	ug/l	96
19) Methyl tert-butyl Ether	5.204	73	46697	20.587	ug/l	96
20) Methylene Chloride	4.698	84	41951	39.281	ug/l	97
21) trans-1,2-Dichloroethene	5.198	96	18761	18.180	ug/l	88
22) Diisopropyl ether	6.113	45	50884	19.311	ug/l #	91
23) Vinyl Acetate	6.045	43	199441	96.075	ug/l	95
24) 1,1-Dichloroethane	6.003	63	32691	19.432	ug/l	97
25) 2-Butanone	6.984	43	27651	107.440	ug/l	98
26) 2,2-Dichloropropane	6.972	77	29251	18.739	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	23044	19.180	ug/l	98
28) Bromochloromethane	7.338	49	13472	19.938	ug/l	94
29) Tetrahydrofuran	7.356	42	16738	106.086	ug/l	93
30) Chloroform	7.515	83	36822	19.639	ug/l	99
31) Cyclohexane	7.795	56	25014	16.349	ug/l #	86
32) 1,1,1-Trichloroethane	7.710	97	34556	19.820	ug/l	98
36) 1,1-Dichloropropene	7.935	75	24152	18.703	ug/l	100
37) Ethyl Acetate	7.076	43	12385	23.073	ug/l	97
38) Carbon Tetrachloride	7.917	117	30379	19.532	ug/l	98
39) Methylcyclohexane	9.222	83	30186	18.240	ug/l	98
40) Benzene	8.173	78	76286	20.364	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
 Data File : VY018915.D
 Acq On : 25 Jul 2024 14:19
 Operator : SY/MD
 Sample : VY0725SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

Quant Time: Jul 26 02:59:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	4799m	15.682	ug/l	
42) 1,2-Dichloroethane	8.258	62	22087	21.059	ug/l	96
43) Isopropyl Acetate	8.295	43	22042	20.637	ug/l #	86
44) Trichloroethene	8.972	130	22002	20.547	ug/l	97
45) 1,2-Dichloropropane	9.252	63	17488	21.438	ug/l	100
46) Dibromomethane	9.344	93	11538	21.821	ug/l	99
47) Bromodichloromethane	9.533	83	28321	21.440	ug/l	99
48) Methyl methacrylate	9.331	41	10464	21.554	ug/l #	84
49) 1,4-Dioxane	9.338	88	2748	443.346	ug/l #	99
51) 4-Methyl-2-Pentanone	10.118	43	59311	108.765	ug/l	96
52) Toluene	10.295	92	48556	19.501	ug/l	100
53) t-1,3-Dichloropropene	10.520	75	24633	21.598	ug/l	89
54) cis-1,3-Dichloropropene	9.972	75	28105	21.005	ug/l #	89
55) 1,1,2-Trichloroethane	10.703	97	14793	22.093	ug/l	94
56) Ethyl methacrylate	10.569	69	18765	21.286	ug/l #	87
57) 1,3-Dichloropropane	10.849	76	24065	21.681	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.825	63	41665	98.929	ug/l	91
59) 2-Hexanone	10.892	43	43032	112.797	ug/l	88
60) Dibromochloromethane	11.045	129	20784	22.591	ug/l	100
61) 1,2-Dibromoethane	11.148	107	13986	21.485	ug/l	99
64) Tetrachloroethene	10.776	164	21572	20.120	ug/l	91
65) Chlorobenzene	11.587	112	58232	20.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.660	131	19976	20.750	ug/l	98
67) Ethyl Benzene	11.660	91	95528	19.516	ug/l	95
68) m/p-Xylenes	11.776	106	74681m	38.879	ug/l	
69) o-Xylene	12.105	106	35525	19.672	ug/l	100
70) Styrene	12.124	104	59688	19.809	ug/l	97
71) Bromoform	12.288	173	11942	22.757	ug/l #	95
73) Isopropylbenzene	12.416	105	95516	19.286	ug/l	98
74) N-amyl acetate	12.227	43	19955	19.702	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.672	83	15940	20.416	ug/l	96
76) 1,2,3-Trichloropropane	12.721	75	11080m	20.905	ug/l	
77) Bromobenzene	12.697	156	24071	20.359	ug/l	93
78) n-propylbenzene	12.764	91	111277	18.920	ug/l	97
79) 2-Chlorotoluene	12.849	91	62717	18.964	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	79373	19.587	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.459	75	4404m	18.596	ug/l	
82) 4-Chlorotoluene	12.849	91	62717	18.417	ug/l	97
83) tert-Butylbenzene	13.172	119	73175	19.559	ug/l	99
84) 1,2,4-Trimethylbenzene	13.221	105	79136	19.652	ug/l	100
85) sec-Butylbenzene	13.355	105	103457	19.482	ug/l	97
86) p-Isopropyltoluene	13.477	119	89203	19.458	ug/l	96
87) 1,3-Dichlorobenzene	13.471	146	46803	20.155	ug/l	99
88) 1,4-Dichlorobenzene	13.550	146	47035m	20.436	ug/l	
89) n-Butylbenzene	13.806	91	79848	19.212	ug/l	98
90) Hexachloroethane	14.081	117	16771	19.671	ug/l	93
91) 1,2-Dichlorobenzene	13.849	146	42275	21.075	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.483	75	2557	20.211	ug/l	91
93) 1,2,4-Trichlorobenzene	15.154	180	26128	21.337	ug/l	95
94) Hexachlorobutadiene	15.263	225	15457	21.900	ug/l	99
95) Naphthalene	15.391	128	44682	21.271	ug/l	99
96) 1,2,3-Trichlorobenzene	15.586	180	22867	21.825	ug/l	99

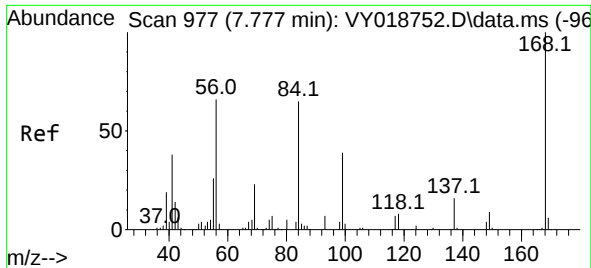
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072524\
Data File : VY018915.D
Acq On : 25 Jul 2024 14:19
Operator : SY/MD
Sample : VY0725SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

Quant Time: Jul 26 02:59:50 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

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

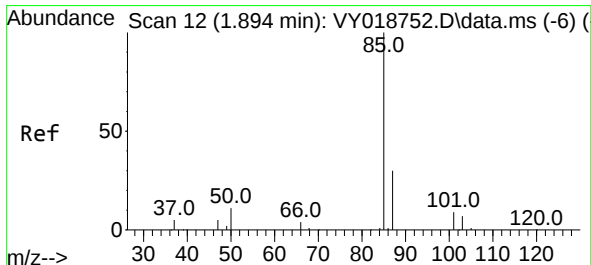
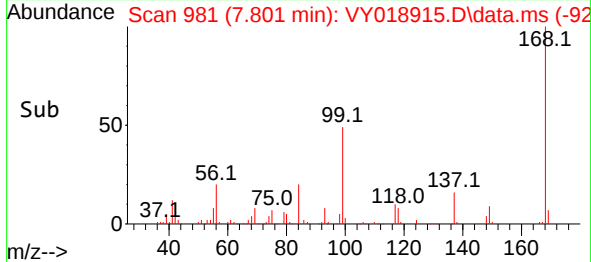
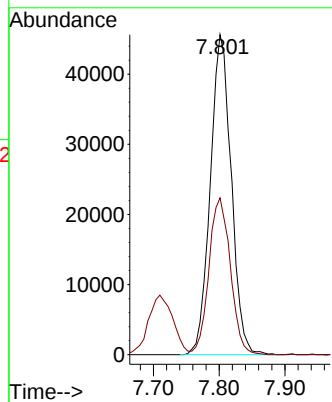
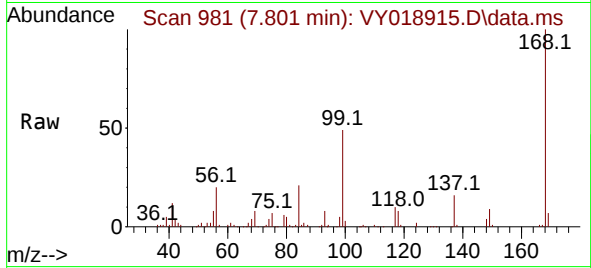
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

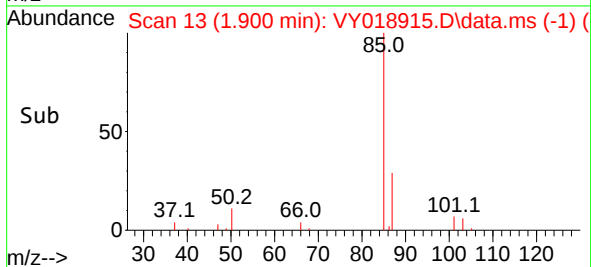
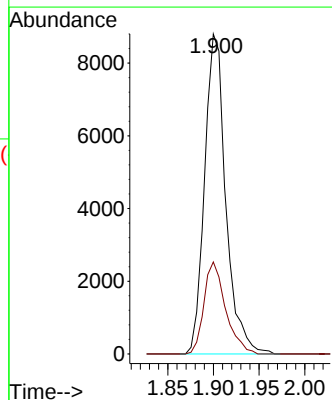
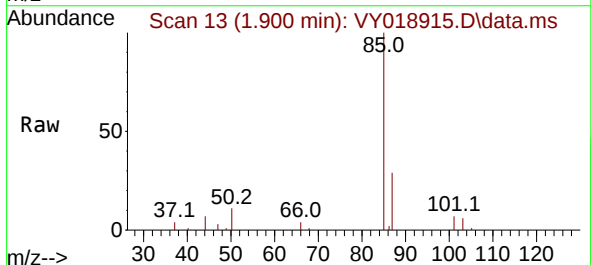
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

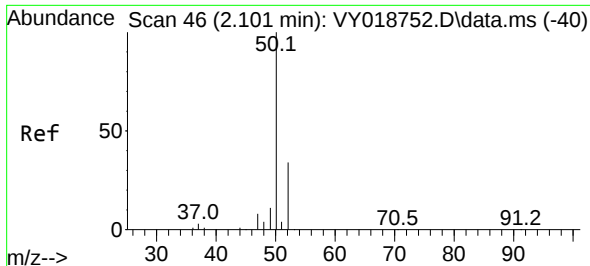
Tgt Ion:168 Resp: 101206
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 16.725 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 85 Resp: 14183
Ion Ratio Lower Upper
85 100
87 28.7 16.0 48.0

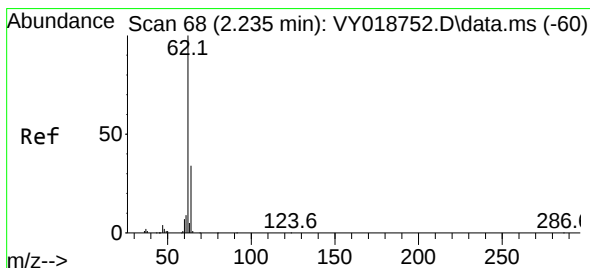
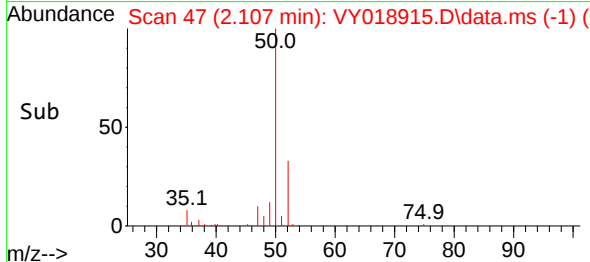
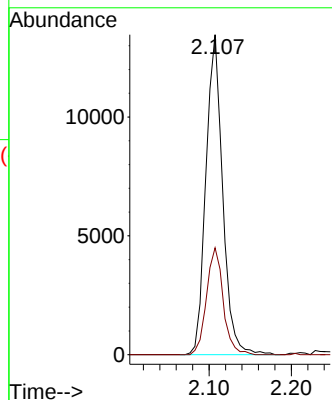
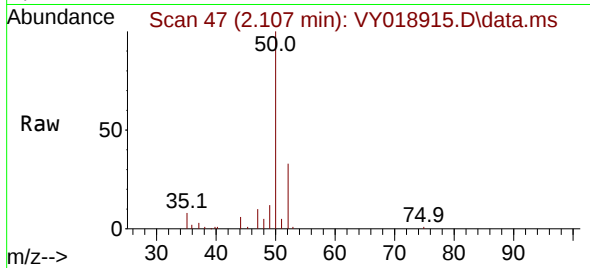




#3
Chloromethane
Concen: 14.794 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

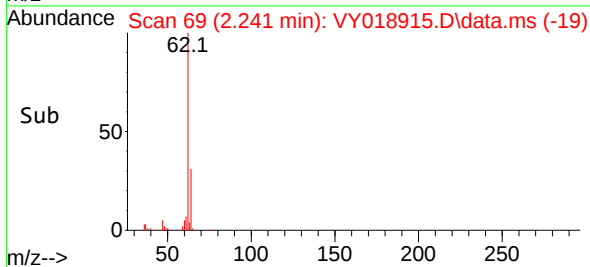
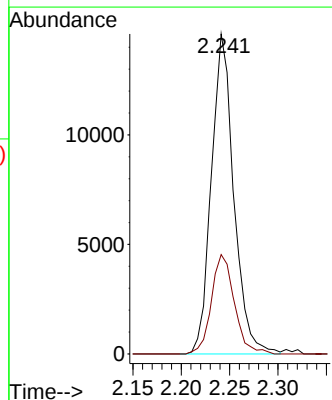
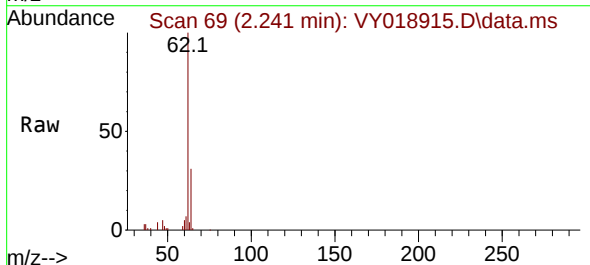
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

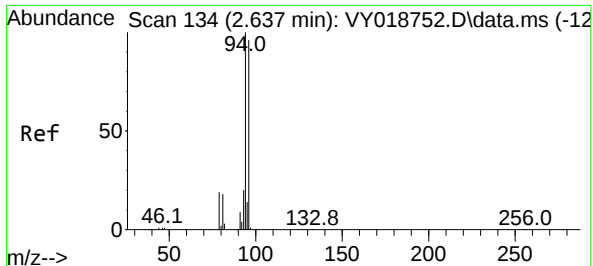
Tgt Ion: 50 Resp: 19065
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4



#4
Vinyl Chloride
Concen: 15.640 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 62 Resp: 23577
Ion Ratio Lower Upper
62 100
64 31.1 26.1 39.1

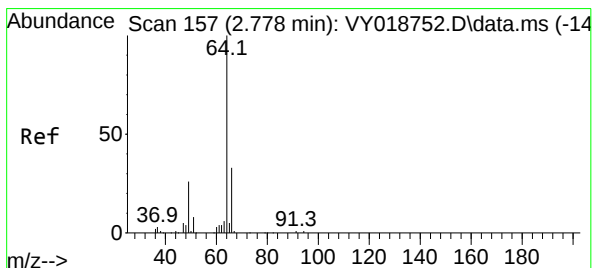
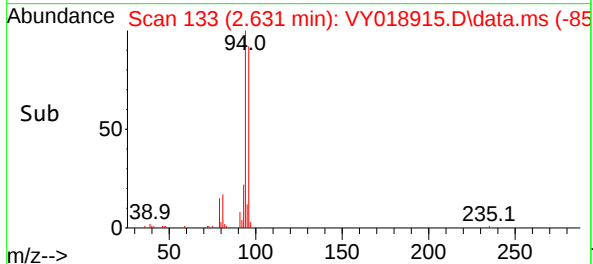
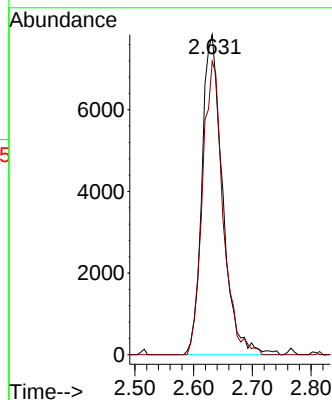
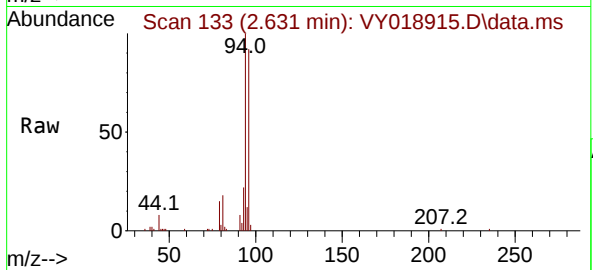




#5
Bromomethane
Concen: 18.371 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

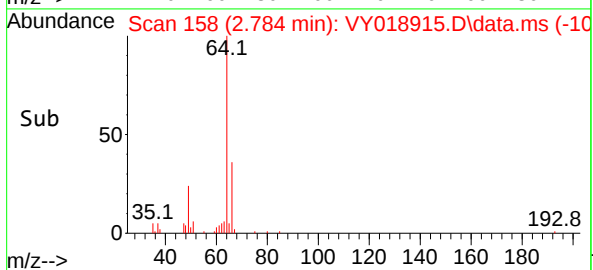
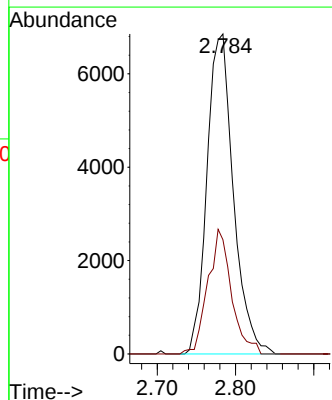
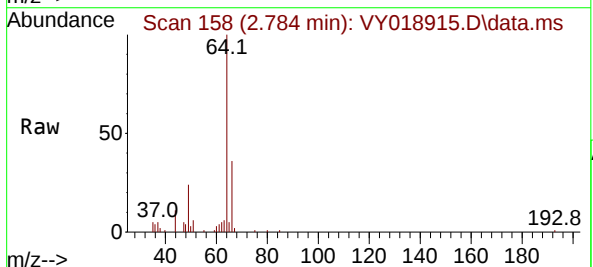
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 94 Resp: 19050
Ion Ratio Lower Upper
94 100
96 91.7 74.1 111.1



#6
Chloroethane
Concen: 16.386 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 64 Resp: 16048
Ion Ratio Lower Upper
64 100
66 35.7 26.1 39.1

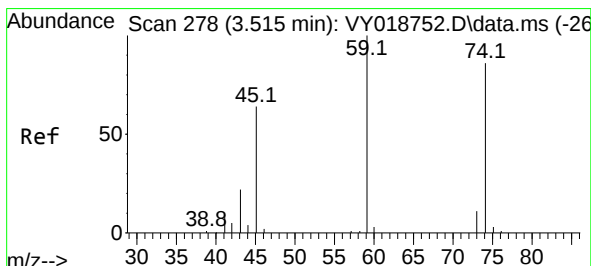
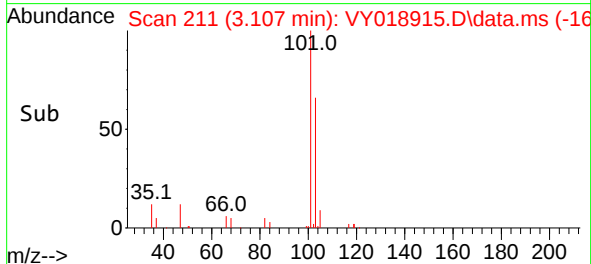
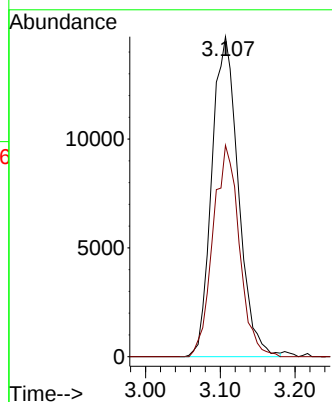
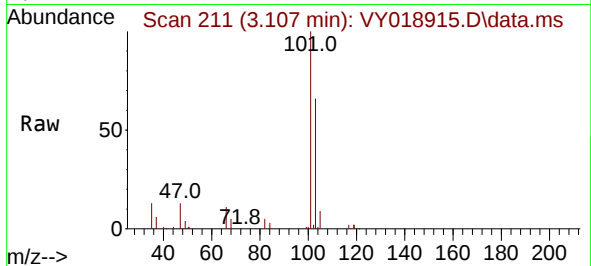




#7
 Trichlorofluoromethane
 Concen: 18.442 ug/l
 RT: 3.107 min Scan# 210
 Delta R.T. 0.006 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

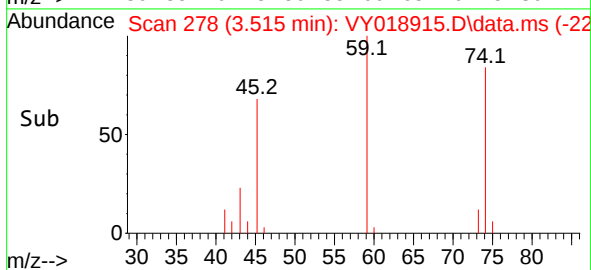
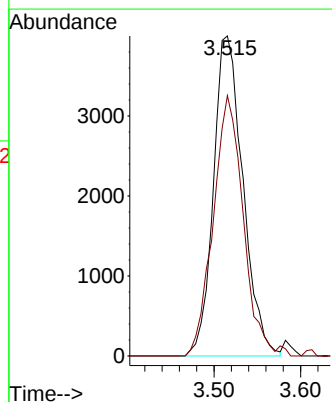
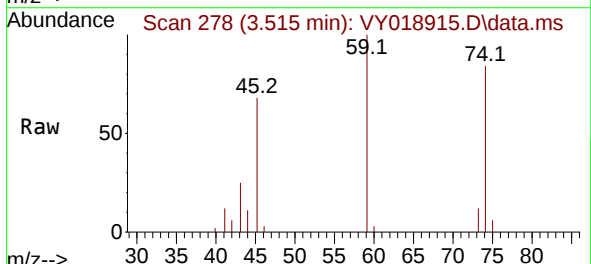
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

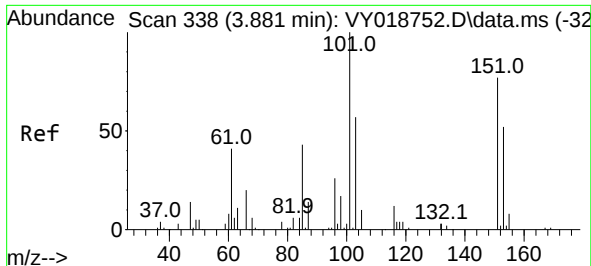
Tgt Ion:101 Resp: 36329
 Ion Ratio Lower Upper
 101 100
 103 66.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 19.686 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

Tgt Ion: 74 Resp: 9452
 Ion Ratio Lower Upper
 74 100
 45 83.0 41.3 124.1

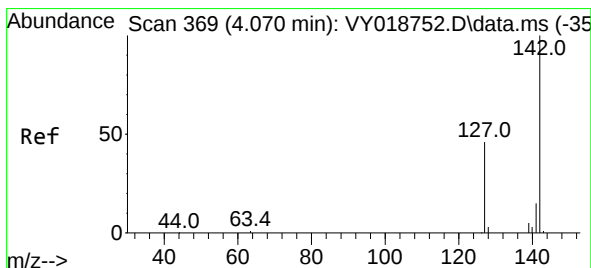
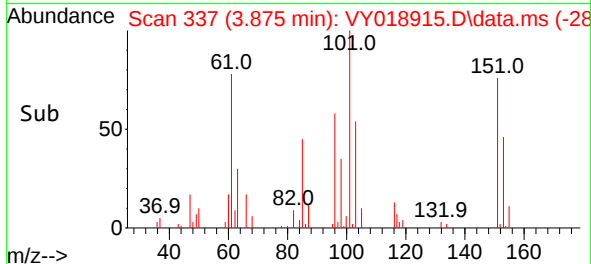
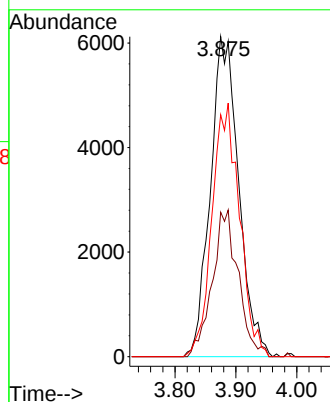
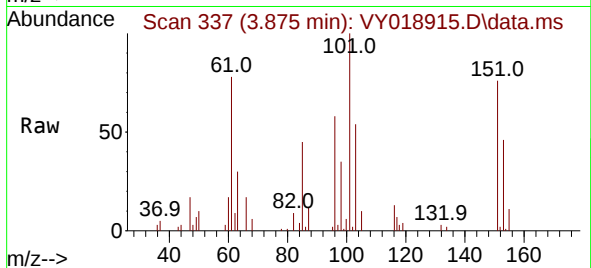




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.592 ug/l
RT: 3.875 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

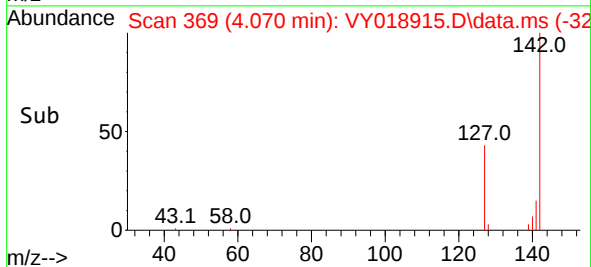
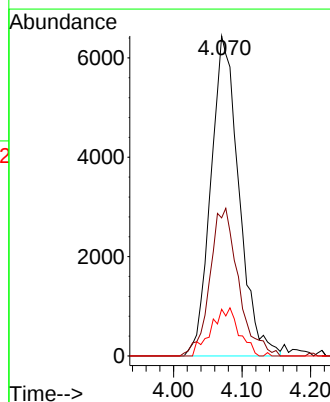
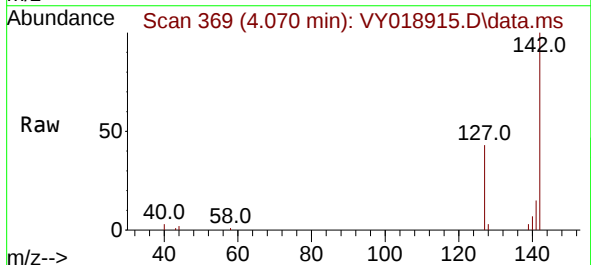
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

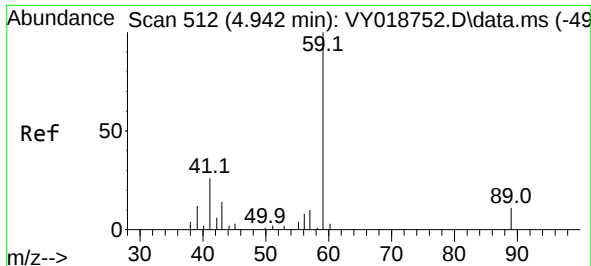
Tgt Ion:101 Resp: 19802
Ion Ratio Lower Upper
101 100
85 42.1 34.5 51.7
151 76.7 61.7 92.5



#10
Methyl Iodide
Concen: 16.843 ug/l
RT: 4.070 min Scan# 369
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:142 Resp: 18332
Ion Ratio Lower Upper
142 100
127 47.0 32.8 49.2
141 15.0 11.4 17.2

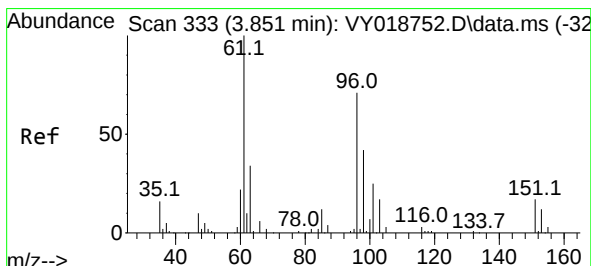
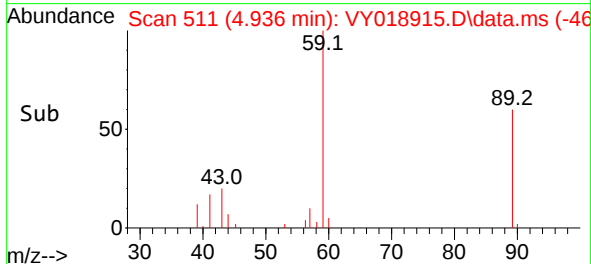
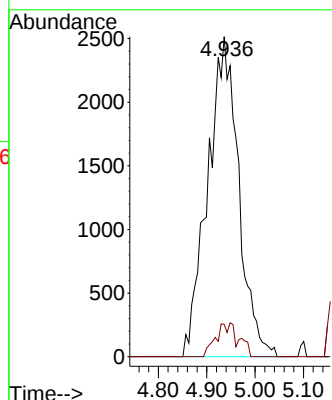
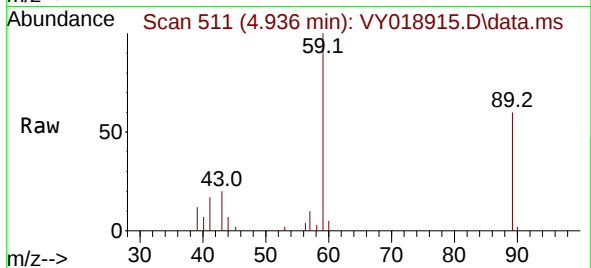




#11
Tert butyl alcohol
Concen: 110.870 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

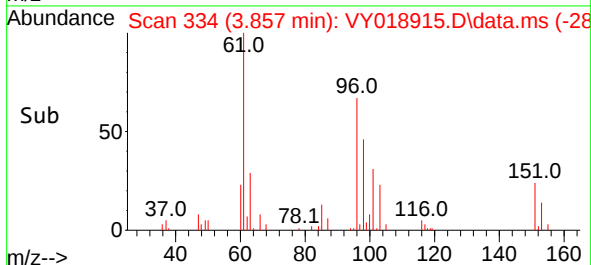
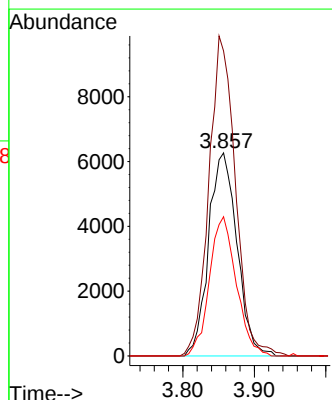
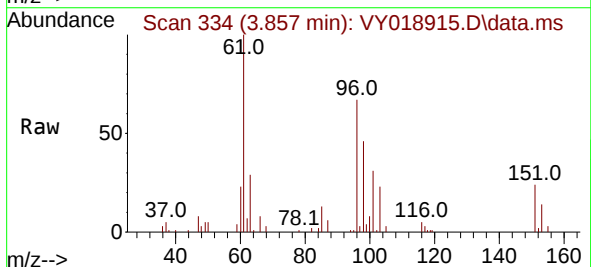
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 59 Resp: 11185
Ion Ratio Lower Upper
59 100
57 6.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 17.659 ug/l
RT: 3.857 min Scan# 334
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 96 Resp: 17267
Ion Ratio Lower Upper
96 100
61 150.2 114.6 171.8
98 68.6 50.8 76.2

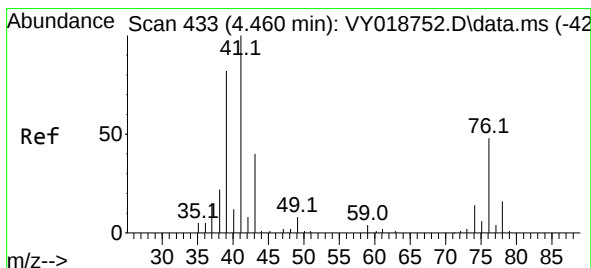
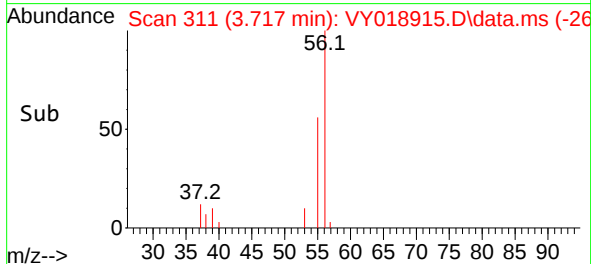
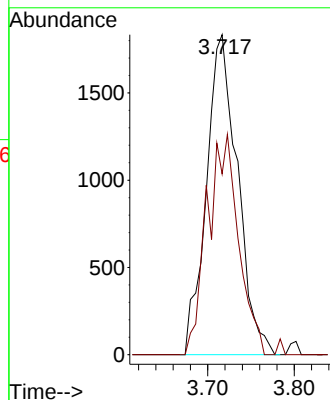
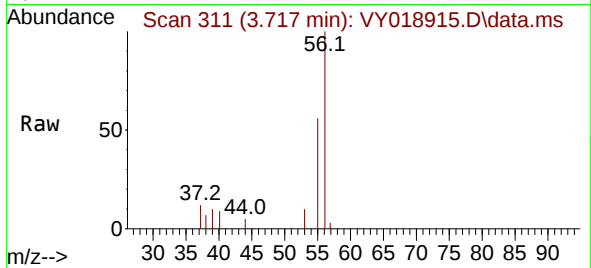




#13
Acrolein
Concen: 56.689 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

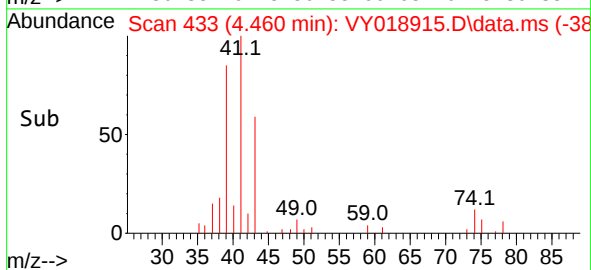
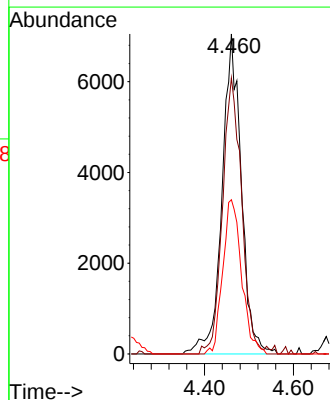
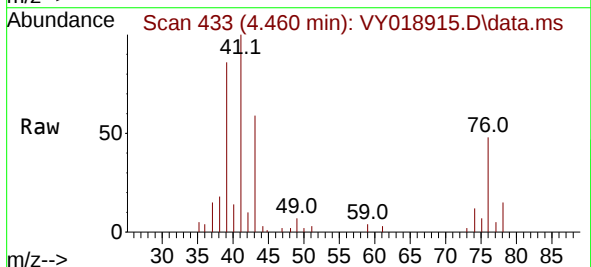
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

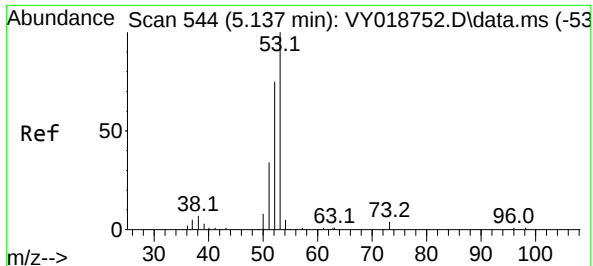
Tgt Ion: 56 Resp: 4582
Ion Ratio Lower Upper
56 100
55 69.6 55.7 83.5



#14
Allyl chloride
Concen: 17.472 ug/l
RT: 4.460 min Scan# 433
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 41 Resp: 21164
Ion Ratio Lower Upper
41 100
39 85.2 58.3 87.5
76 47.2 39.0 58.6

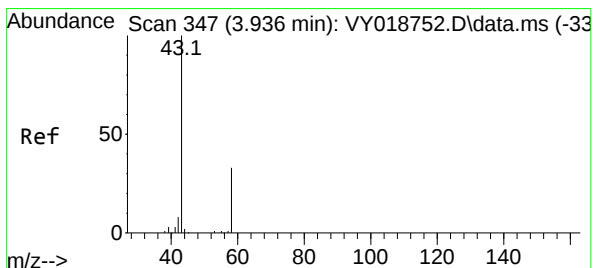
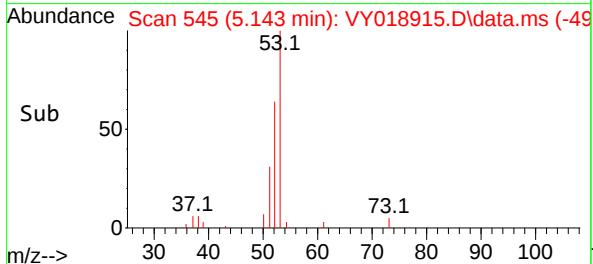
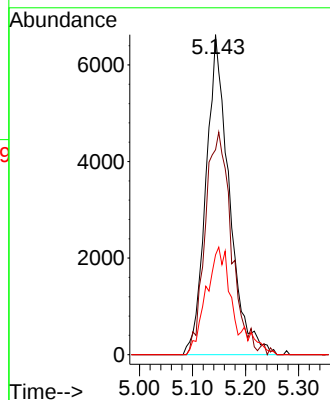
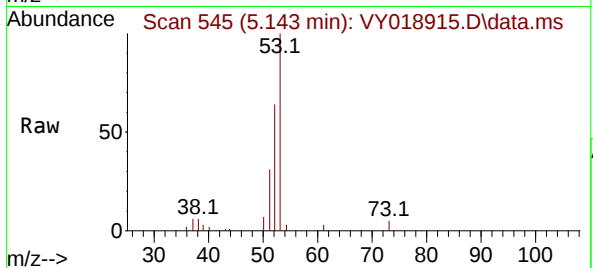




#15
Acrylonitrile
Concen: 106.556 ug/l
RT: 5.143 min Scan# 544
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

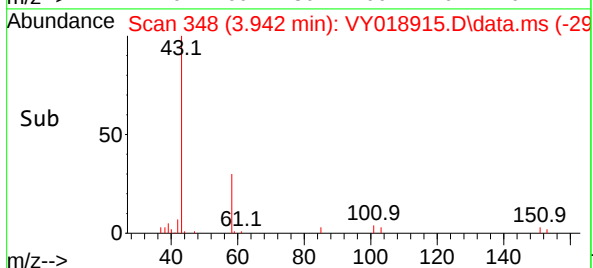
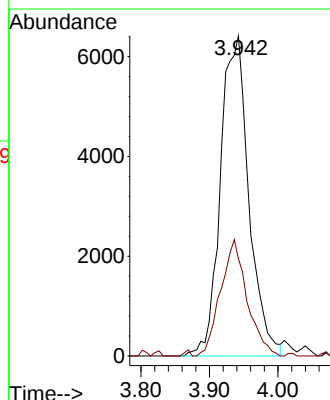
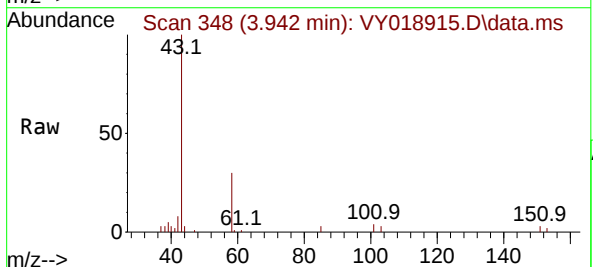
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

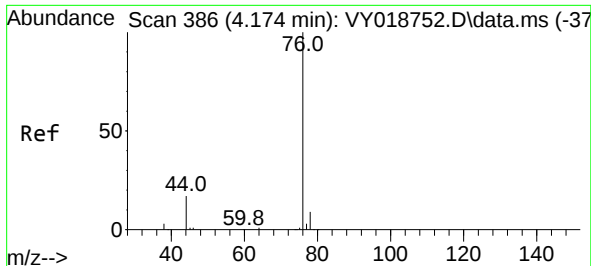
Tgt Ion: 53	Resp: 20183
Ion Ratio	Lower Upper
53 100	
52 77.6	64.7 97.1
51 39.4	28.4 42.6



#16
Acetone
Concen: 100.319 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 43	Resp: 18419
Ion Ratio	Lower Upper
43 100	
58 30.3	31.7 47.5#

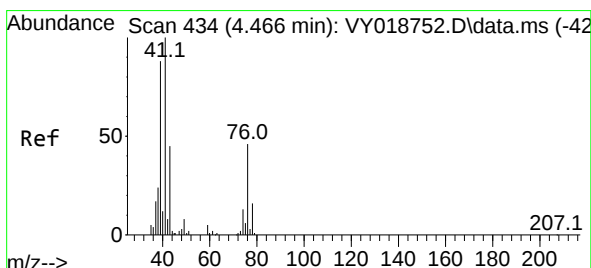
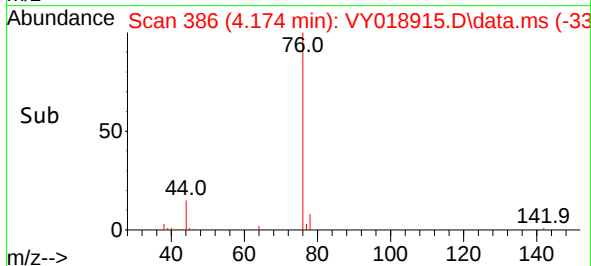
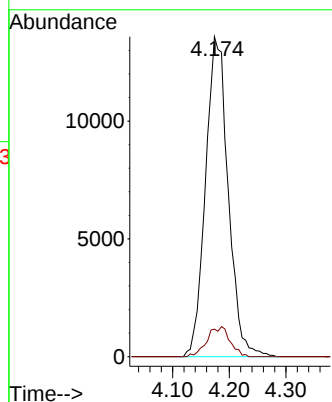
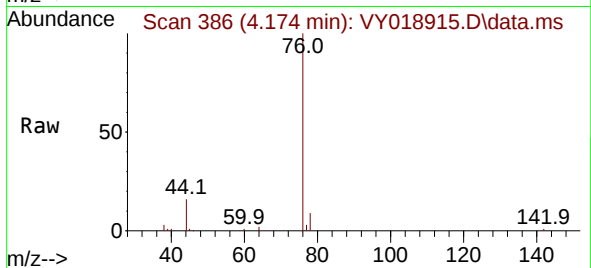




#17
Carbon Disulfide
Concen: 13.789 ug/l
RT: 4.174 min Scan# 386
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

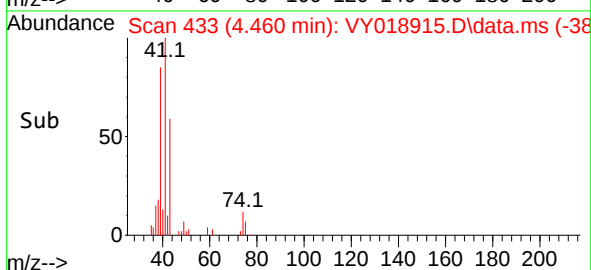
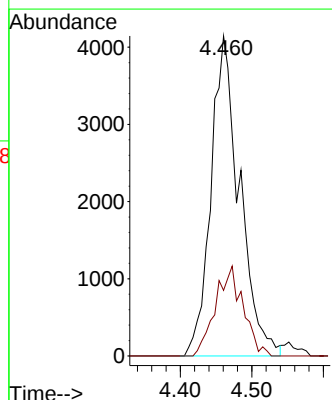
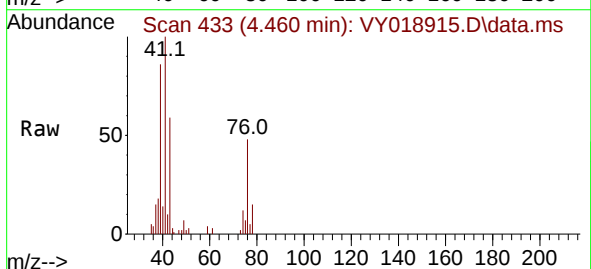
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

Tgt Ion: 76 Resp: 37754
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 21.611 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 43 Resp: 11529
Ion Ratio Lower Upper
43 100
74 27.1 23.3 34.9

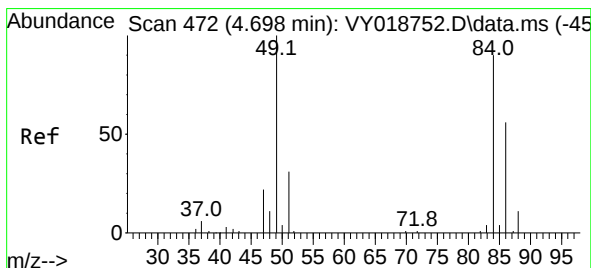
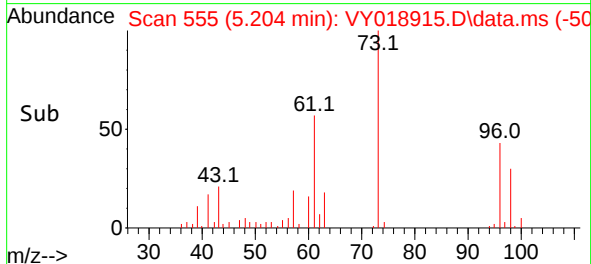
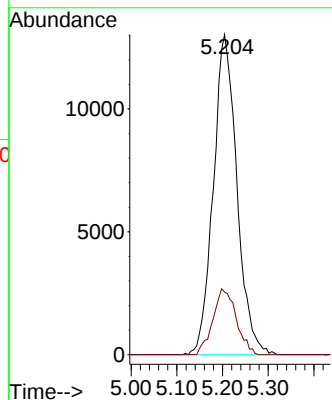
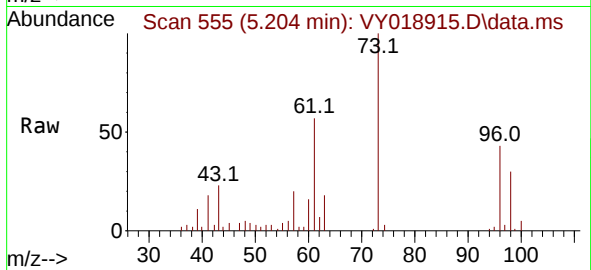




#19
Methyl tert-butyl Ether
Concen: 20.587 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

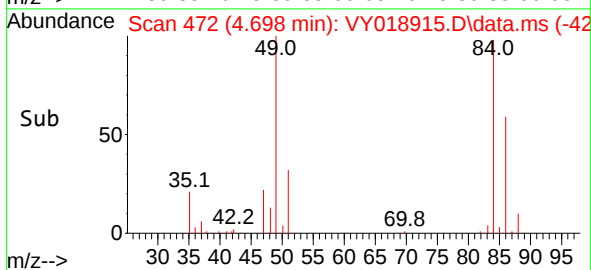
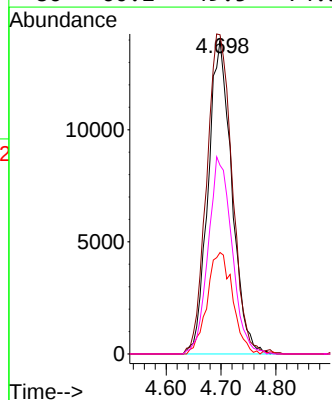
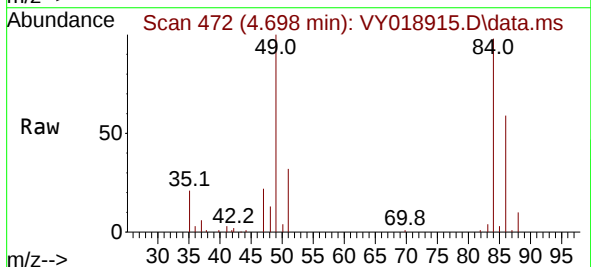
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion: 73 Resp: 46697
Ion Ratio Lower Upper
73 100
57 19.6 17.3 25.9



#20
Methylene Chloride
Concen: 39.281 ug/l
RT: 4.698 min Scan# 472
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 84 Resp: 41951
Ion Ratio Lower Upper
84 100
49 101.9 84.4 126.6
51 32.4 26.0 39.0
86 60.2 49.5 74.3





#21

trans-1,2-Dichloroethene

Concen: 18.180 ug/l

RT: 5.198 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

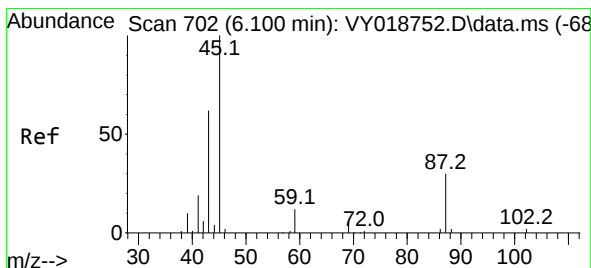
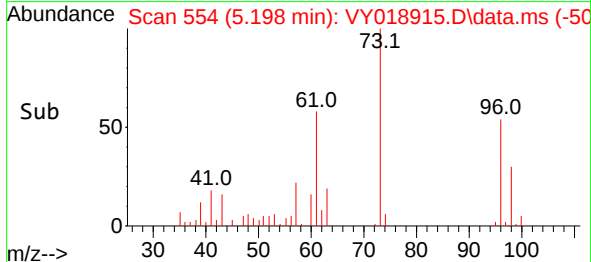
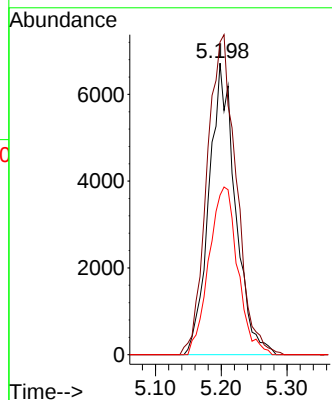
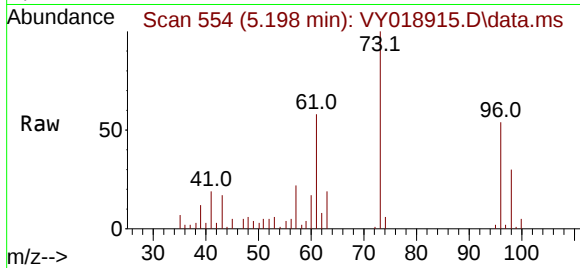
Tgt Ion: 96 Resp: 18761

Ion Ratio Lower Upper

96 100

61 107.3 97.5 146.3

98 54.7 50.5 75.7



#22

Diisopropyl ether

Concen: 19.311 ug/l

RT: 6.113 min Scan# 704

Delta R.T. 0.012 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Tgt Ion: 45 Resp: 50884

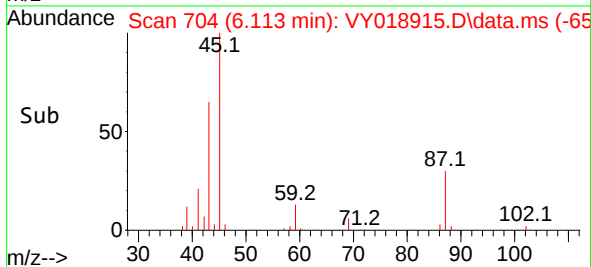
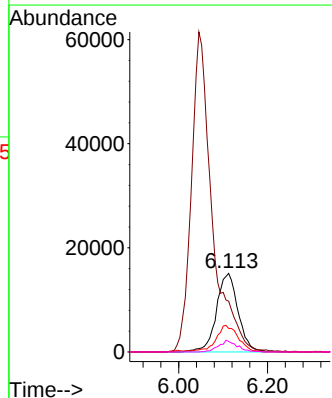
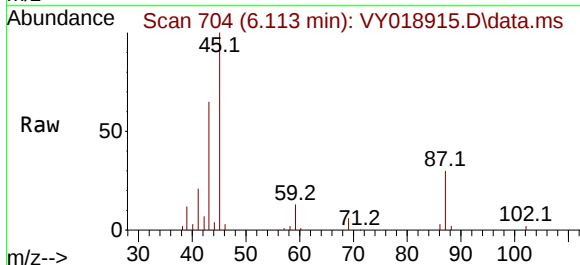
Ion Ratio Lower Upper

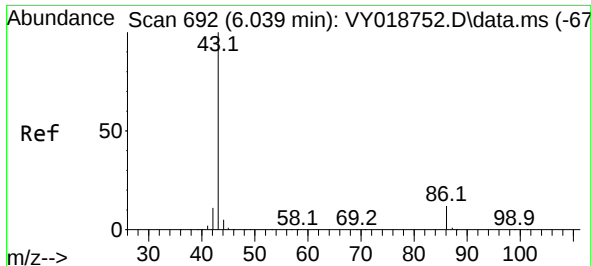
45 100

43 63.6 42.2 63.2#

87 29.8 25.0 37.6

59 13.4 10.5 15.7

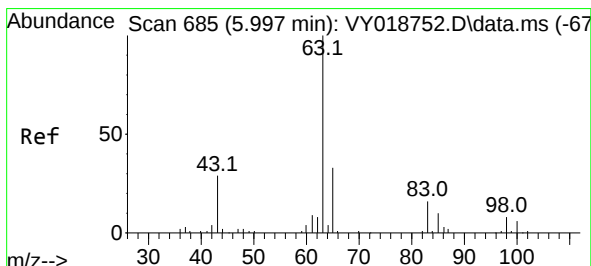
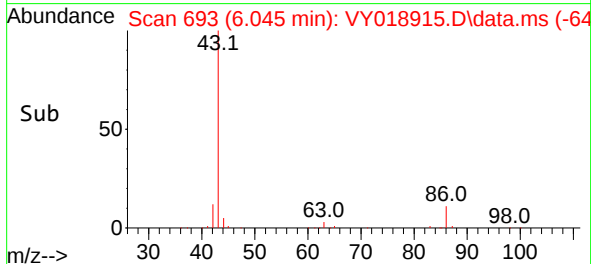
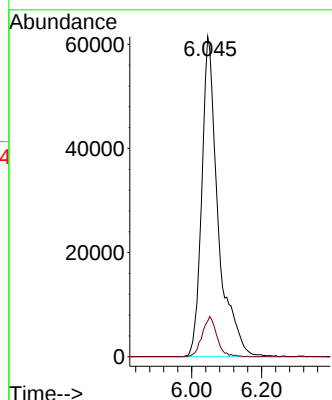
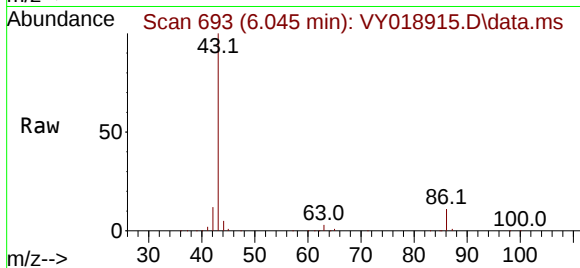




#23
 Vinyl Acetate
 Concen: 96.075 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

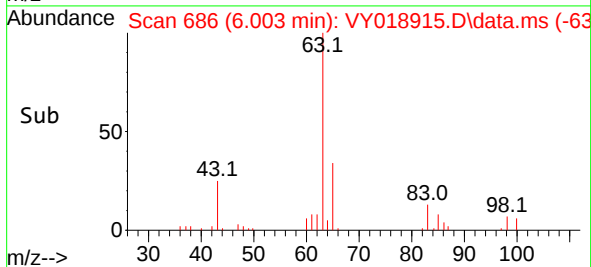
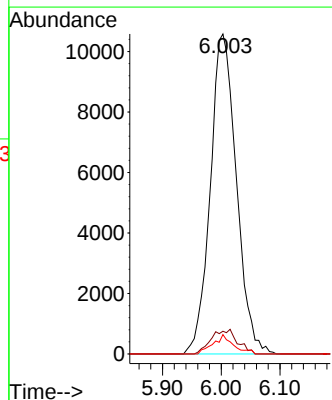
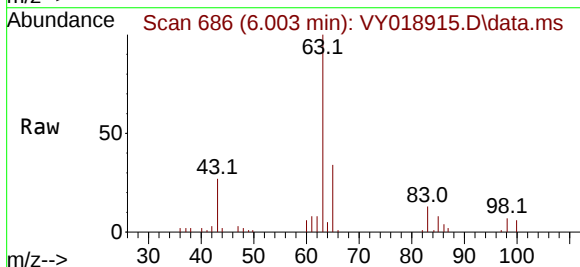
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

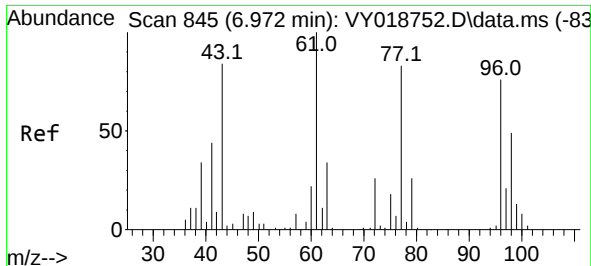
Tgt Ion: 43 Resp: 199441
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.432 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.006 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

Tgt Ion: 63 Resp: 32691
 Ion Ratio Lower Upper
 63 100
 98 7.1 4.0 12.2
 100 6.0 2.6 8.0

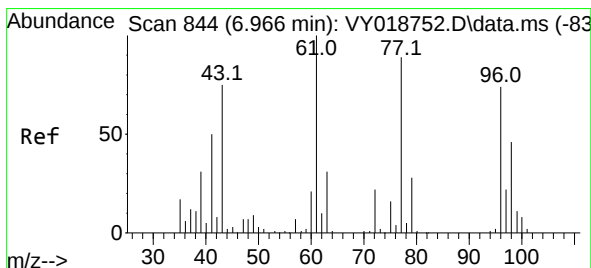
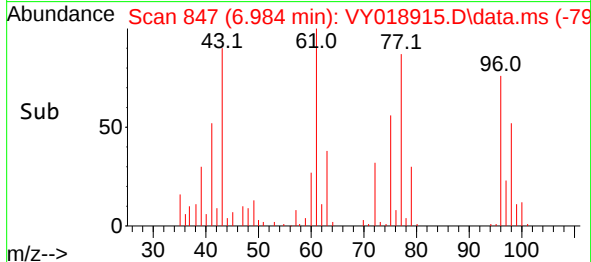
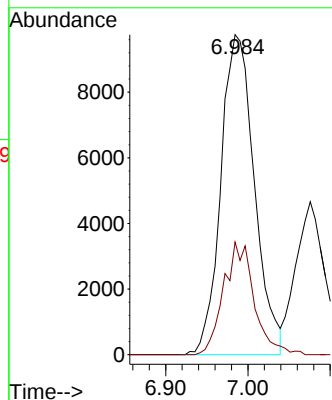
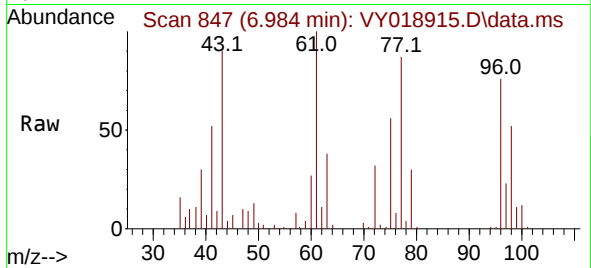




#25
2-Butanone
Concen: 107.440 ug/l
RT: 6.984 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

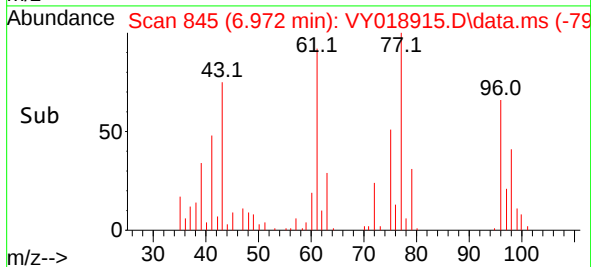
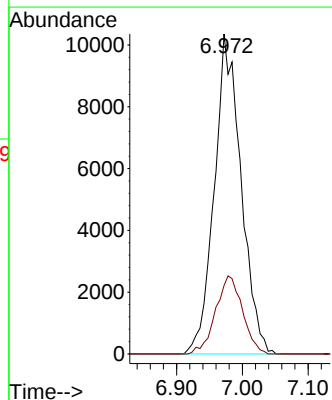
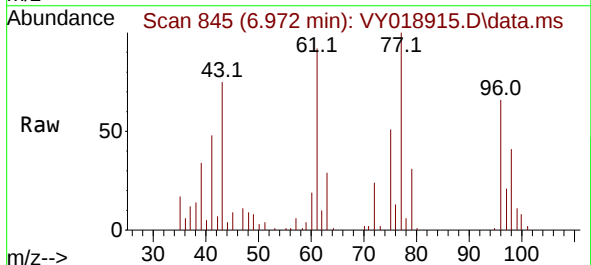
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

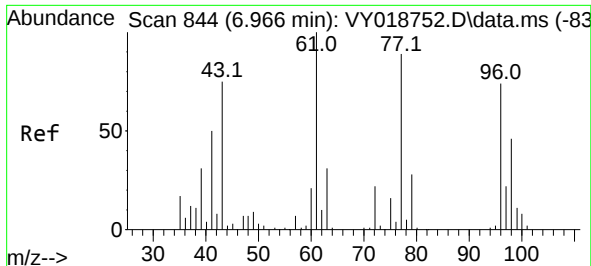
Tgt Ion: 43 Resp: 27651
Ion Ratio Lower Upper
43 100
72 35.2 27.3 40.9



#26
2,2-Dichloropropane
Concen: 18.739 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 77 Resp: 29251
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.180 ug/l

RT: 6.978 min Scan# 844

Delta R.T. 0.012 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

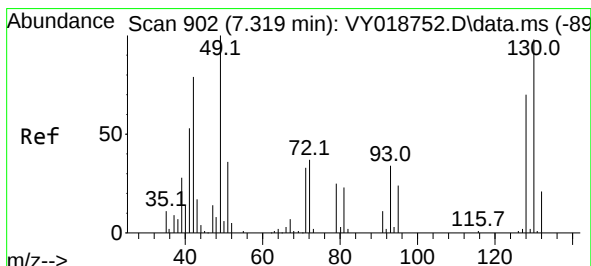
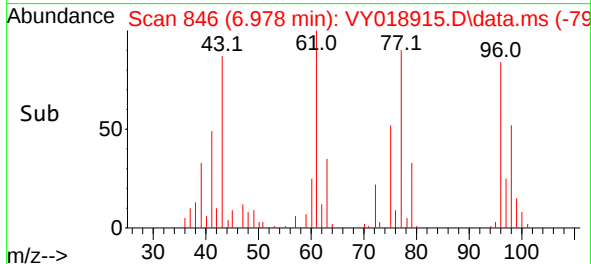
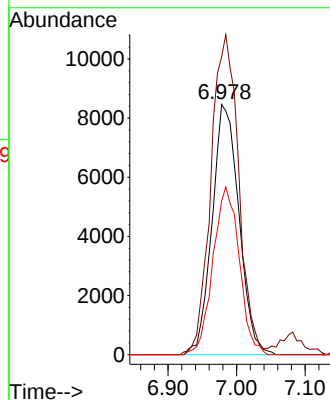
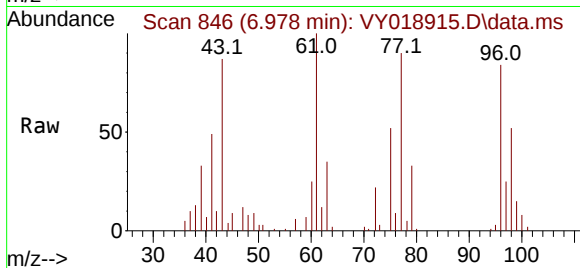
Tgt Ion: 96 Resp: 23044

Ion Ratio Lower Upper

96 100

61 131.5 0.0 256.2

98 65.4 0.0 130.0



#28

Bromochloromethane

Concen: 19.938 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.018 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

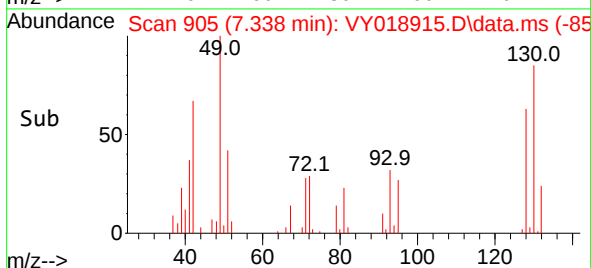
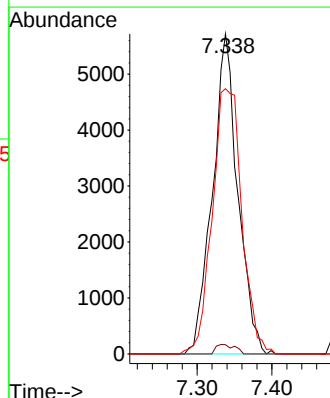
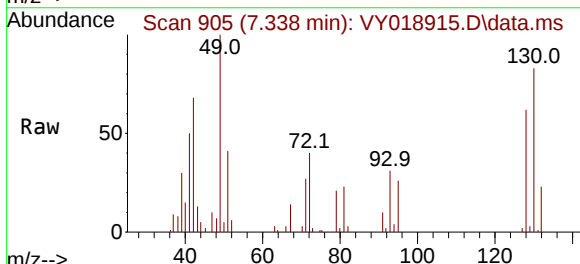
Tgt Ion: 49 Resp: 13472

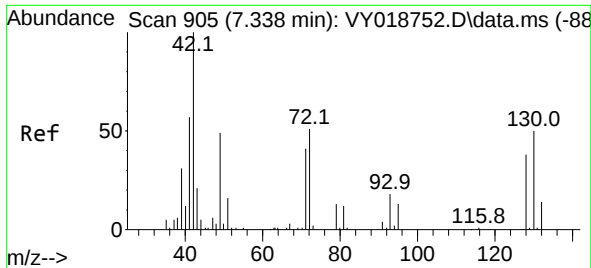
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 96.7 72.7 109.1





#29

Tetrahydrofuran

Concen: 106.086 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.018 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

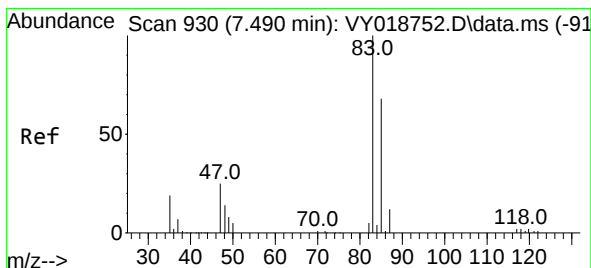
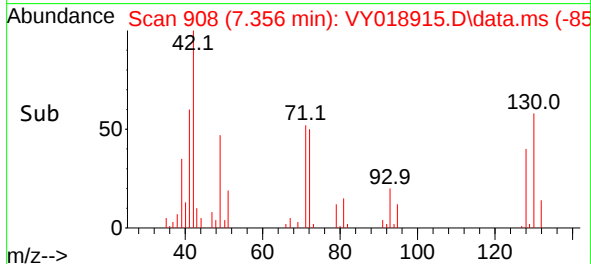
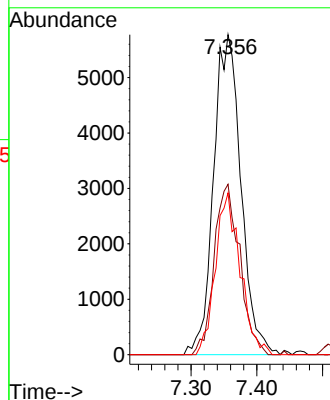
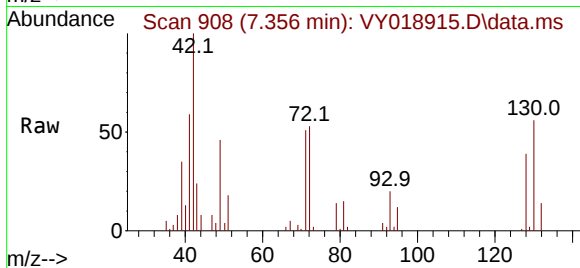
Tgt Ion: 42 Resp: 16738

Ion Ratio Lower Upper

42 100

72 49.8 43.0 64.4

71 45.8 40.8 61.2



#30

Chloroform

Concen: 19.639 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.025 min

Lab File: VY018915.D

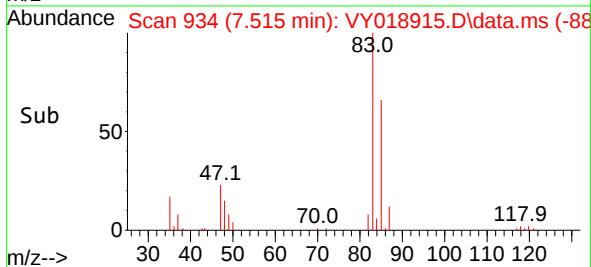
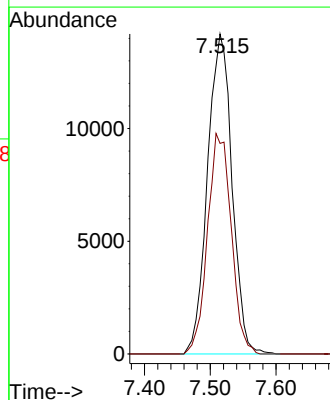
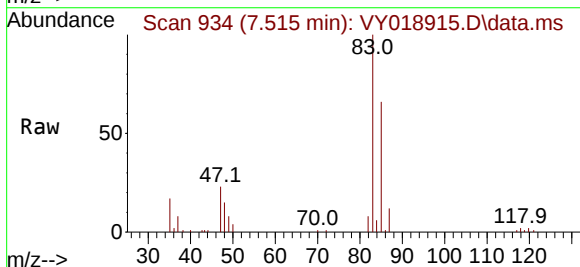
Acq: 25 Jul 2024 14:19

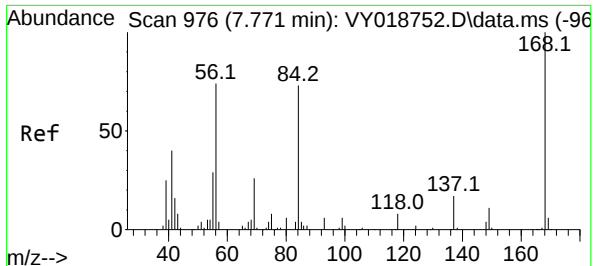
Tgt Ion: 83 Resp: 36822

Ion Ratio Lower Upper

83 100

85 65.8 52.2 78.4

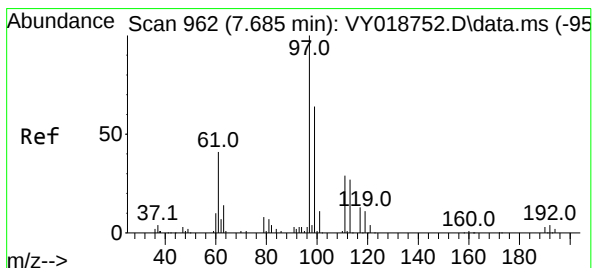
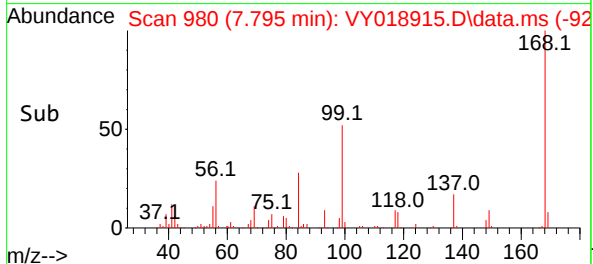
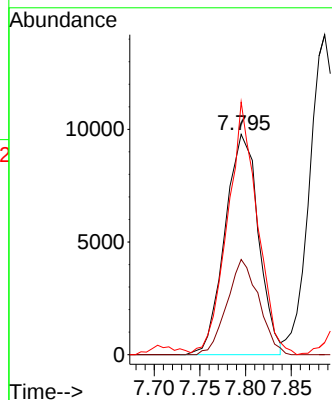
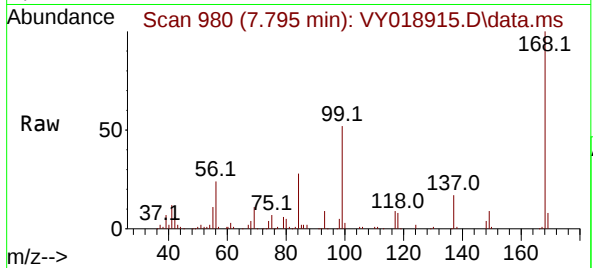




#31
Cyclohexane
Concen: 16.349 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

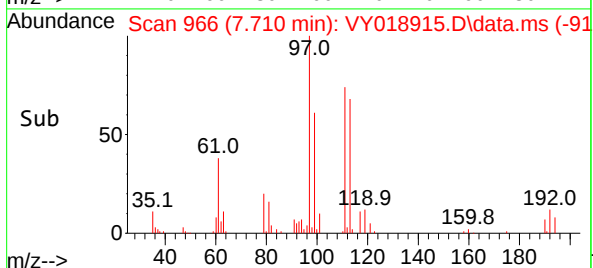
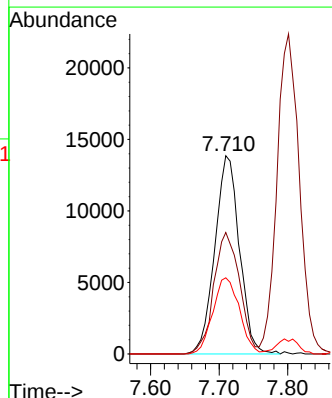
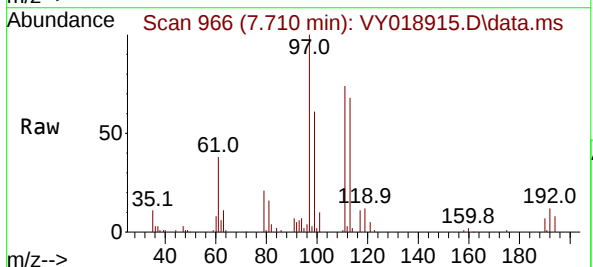
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

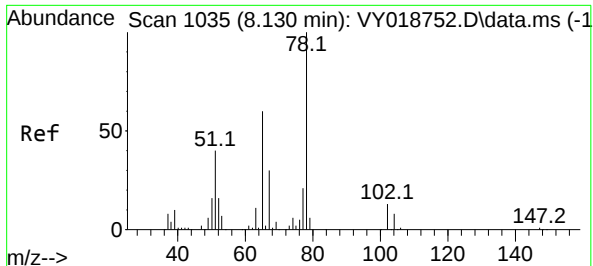
Tgt Ion: 56 Resp: 25014
Ion Ratio Lower Upper
56 100
69 43.2 28.7 43.1#
84 111.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.820 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.025 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 97 Resp: 34556
Ion Ratio Lower Upper
97 100
99 64.5 50.3 75.5
61 41.6 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 46.987 ug/l

RT: 8.161 min Scan# 1103

Delta R.T. 0.031 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

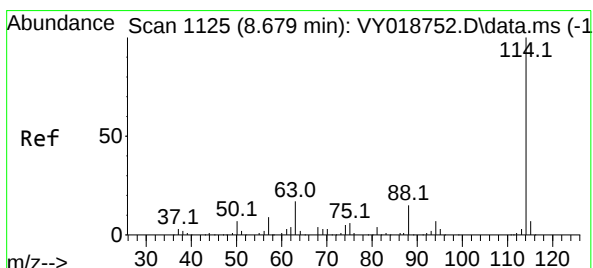
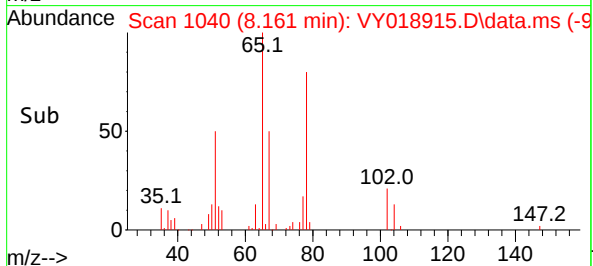
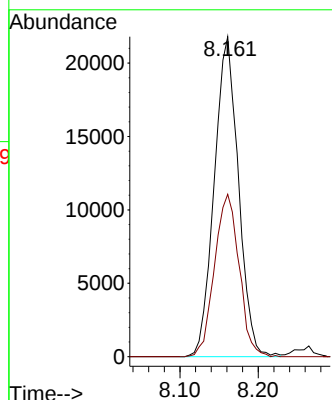
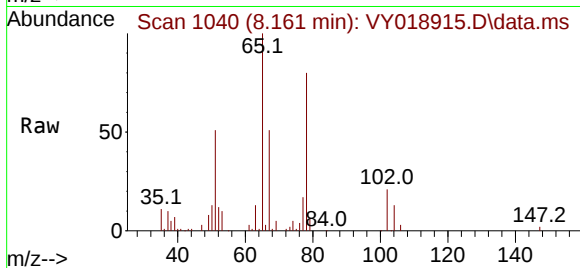
VY0725SBS01

Tgt Ion: 65 Resp: 46794

Ion Ratio Lower Upper

65 100

67 51.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.037 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

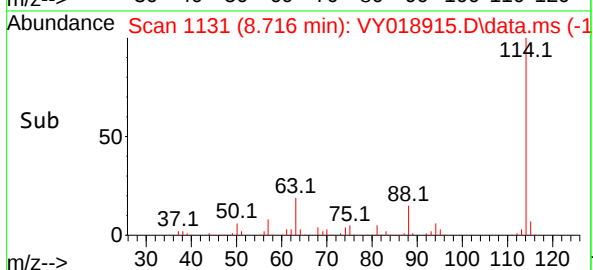
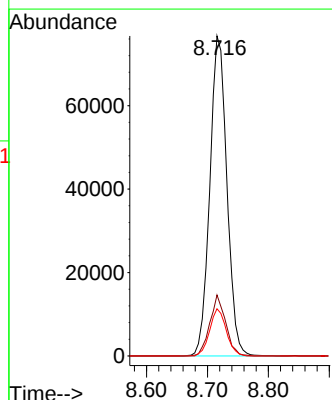
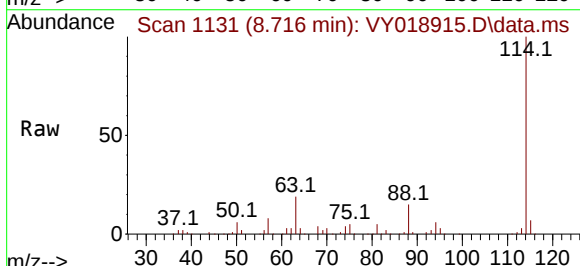
Tgt Ion: 114 Resp: 149404

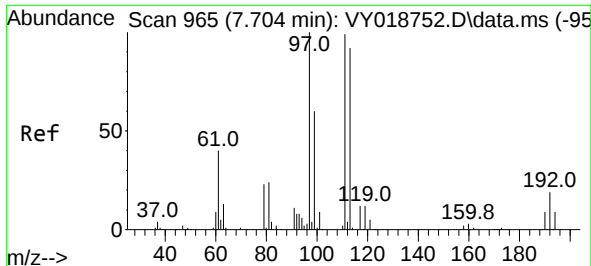
Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.8 0.0 27.2

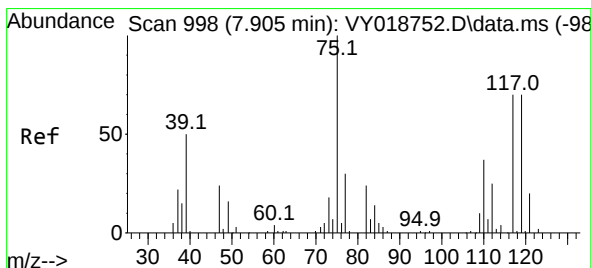
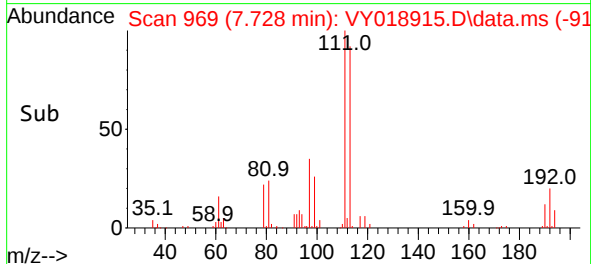
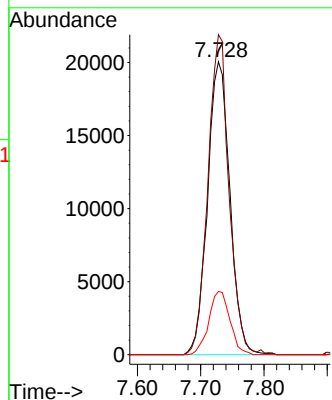
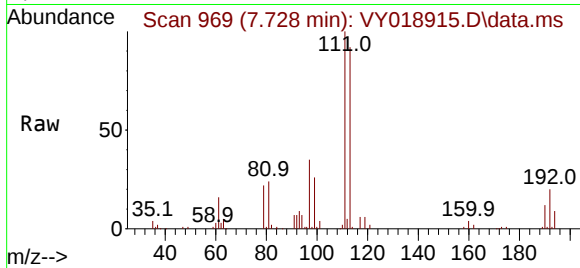




#35
Dibromofluoromethane
Concen: 52.644 ug/l
RT: 7.728 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

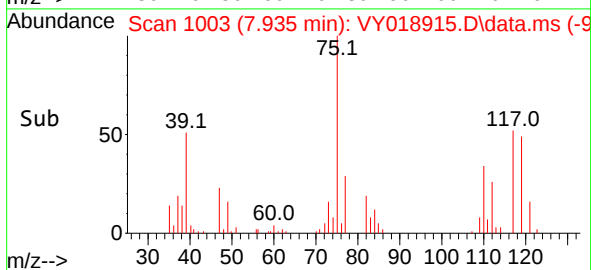
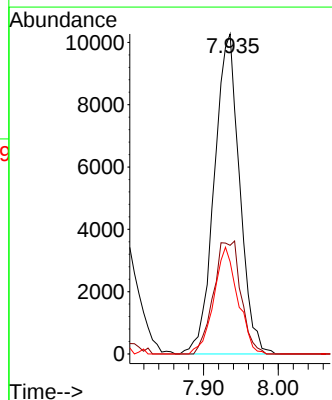
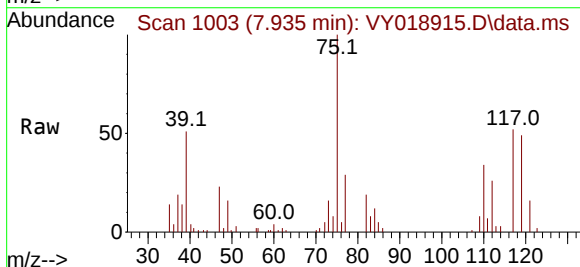
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

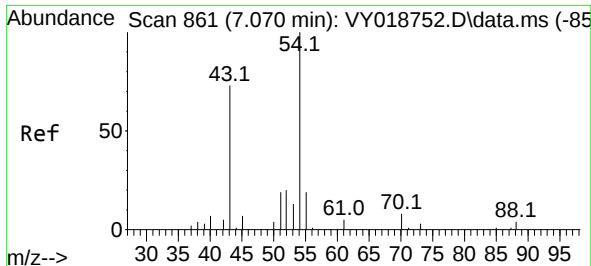
Tgt Ion:113 Resp: 49262
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 18.703 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.031 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 75 Resp: 24152
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 31.6 25.3 37.9





#37

Ethyl Acetate

Concen: 23.073 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

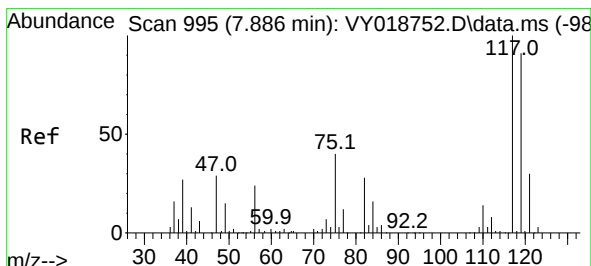
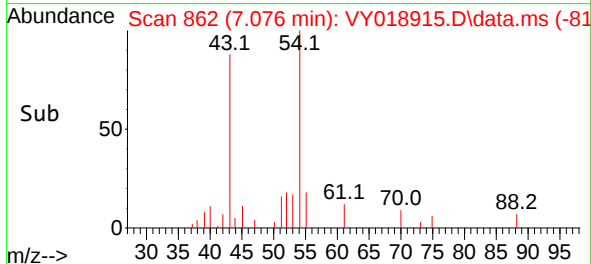
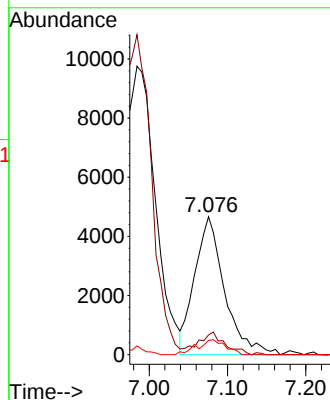
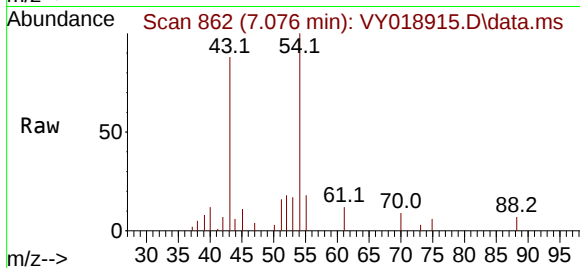
Tgt Ion: 43 Resp: 12385

Ion Ratio Lower Upper

43 100

61 14.1 12.6 19.0

70 10.3 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.532 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. 0.031 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

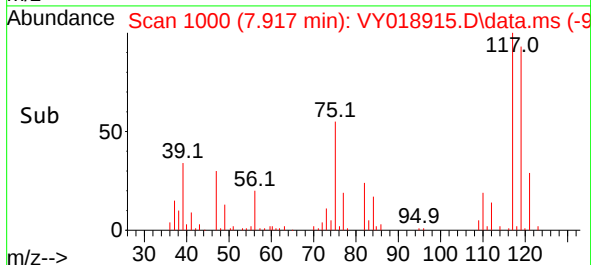
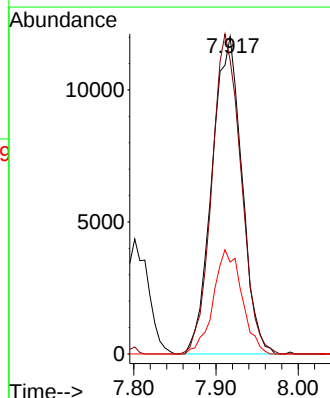
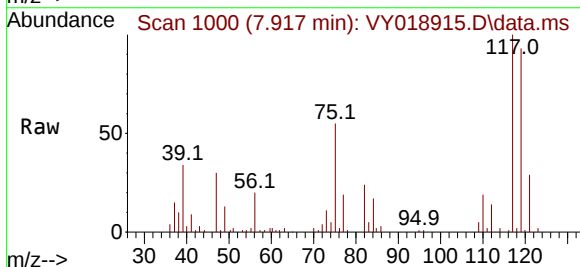
Tgt Ion: 117 Resp: 30379

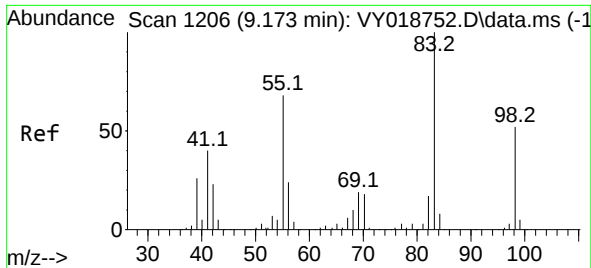
Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.6

121 29.0 24.0 36.0

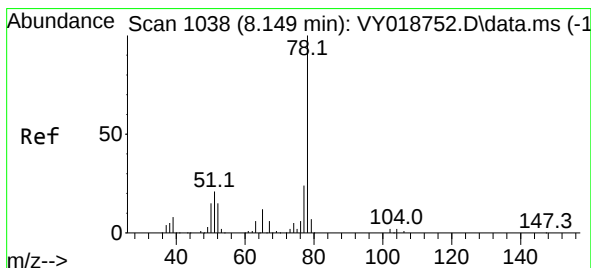
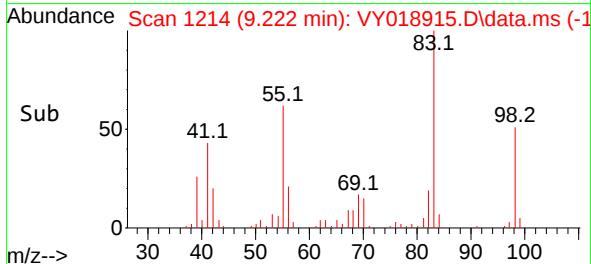
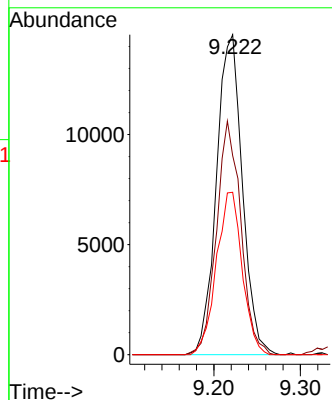
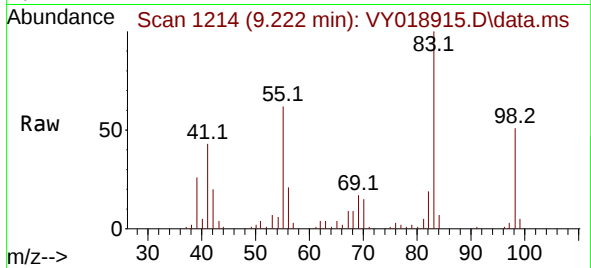




#39
Methylcyclohexane
Concen: 18.240 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.049 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

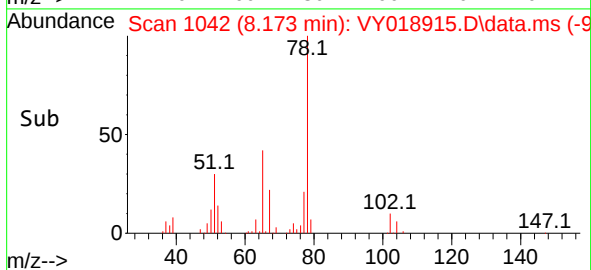
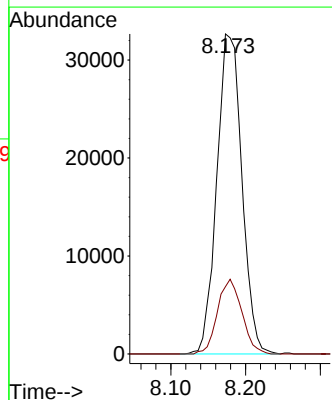
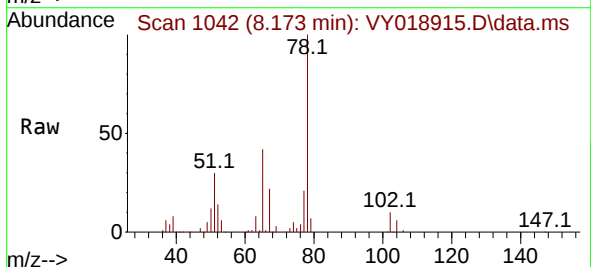
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

Tgt Ion: 83 Resp: 30186
Ion Ratio Lower Upper
83 100
55 62.2 51.5 77.3
98 50.8 40.5 60.7



#40
Benzene
Concen: 20.364 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.024 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 78 Resp: 76286
Ion Ratio Lower Upper
78 100
77 21.1 19.5 29.3

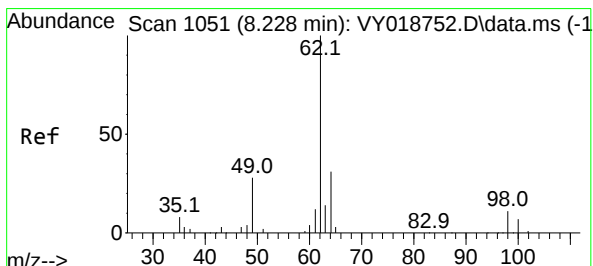
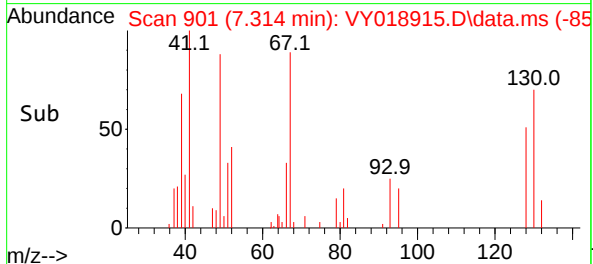
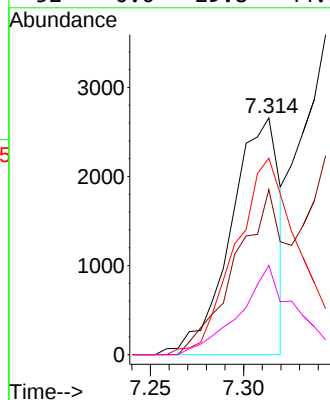
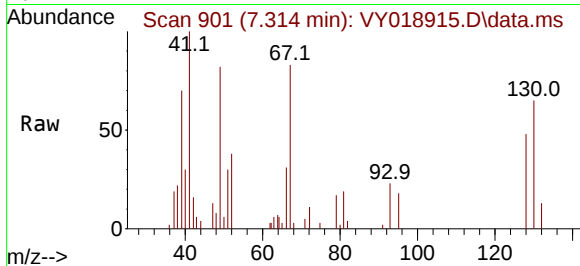




#41
Methacrylonitrile
Concen: 15.682 ug/l m
RT: 7.314 min Scan# 904
Delta R.T. -0.018 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

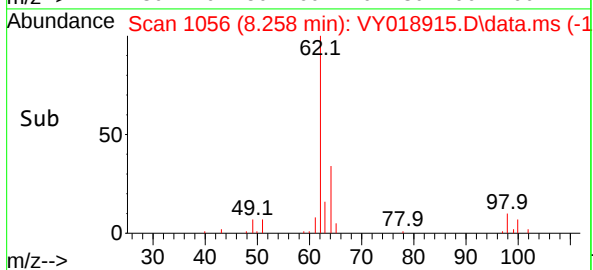
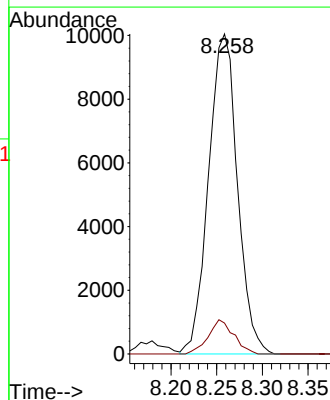
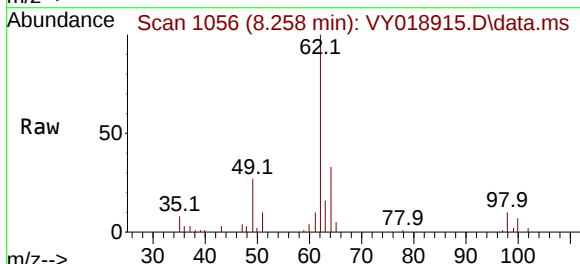
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

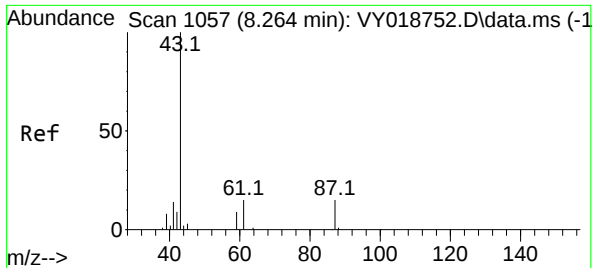
Tgt Ion: 41 Resp: 4799
Ion Ratio Lower Upper
41 100
39 114.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 21.059 ug/l
RT: 8.258 min Scan# 1056
Delta R.T. 0.030 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 62 Resp: 22087
Ion Ratio Lower Upper
62 100
98 9.4 0.0 22.0

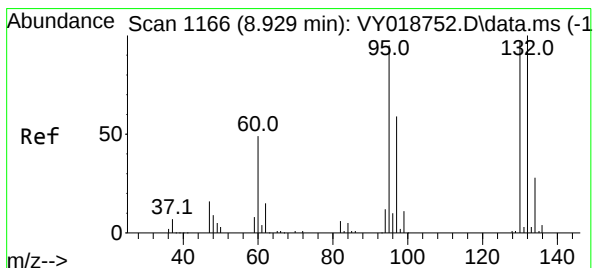
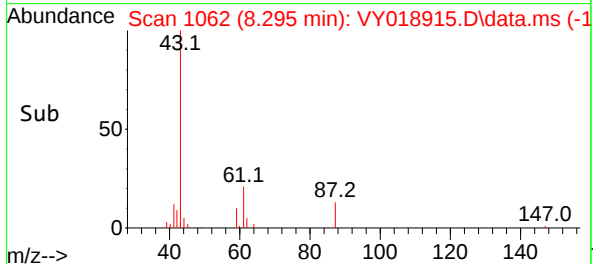
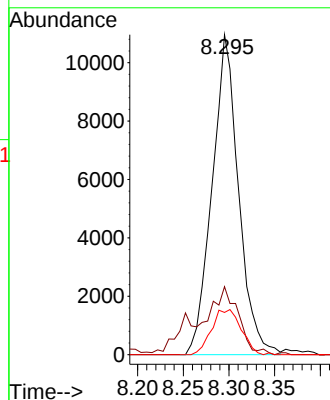
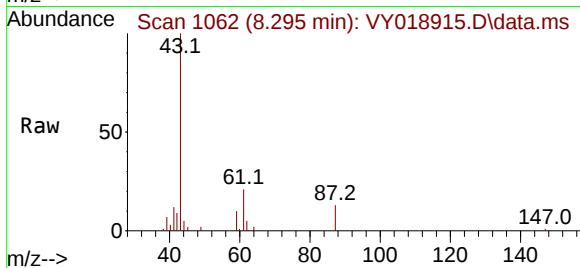




#43
Isopropyl Acetate
Concen: 20.637 ug/l
RT: 8.295 min Scan# 1107
Delta R.T. 0.031 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

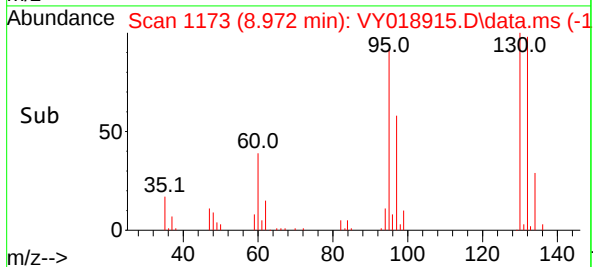
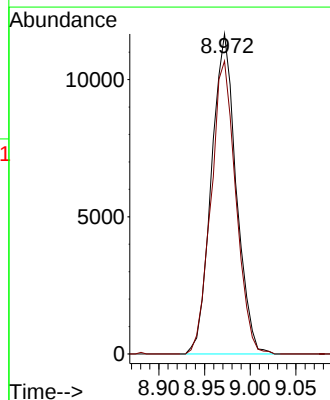
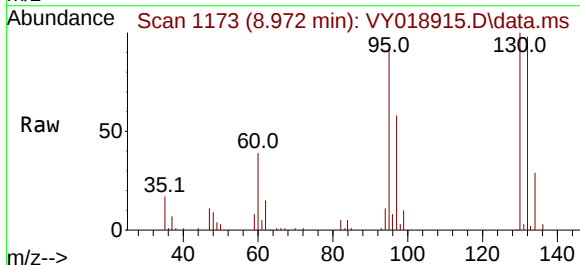
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

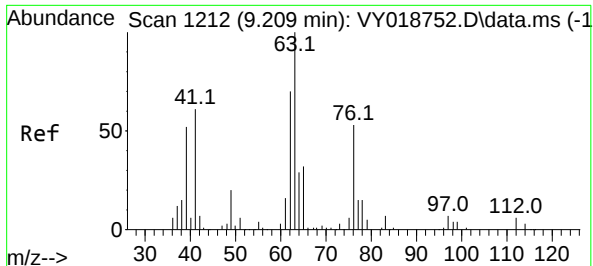
Tgt Ion: 43 Resp: 22042
Ion Ratio Lower Upper
43 100
61 23.0 27.9 41.9#
87 15.8 13.1 19.7



#44
Trichloroethene
Concen: 20.547 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.043 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:130 Resp: 22002
Ion Ratio Lower Upper
130 100
95 91.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.438 ug/l

RT: 9.252 min Scan# 1219

Delta R.T. 0.043 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

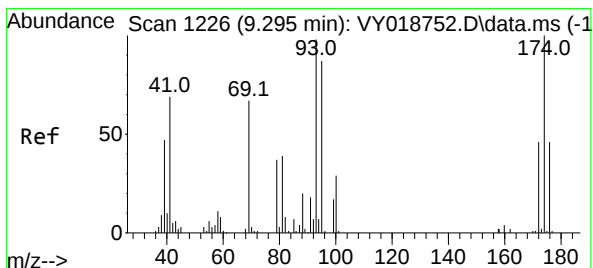
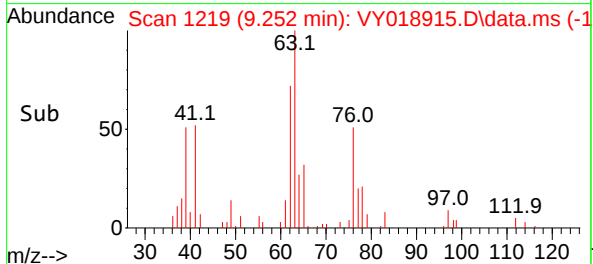
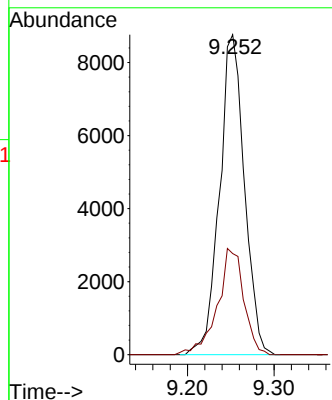
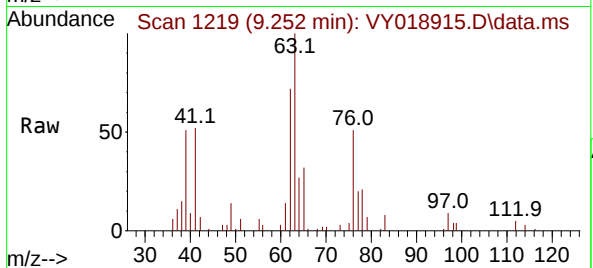
VY0725SBS01

Tgt Ion: 63 Resp: 17488

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#46

Dibromomethane

Concen: 21.821 ug/l

RT: 9.344 min Scan# 1234

Delta R.T. 0.049 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

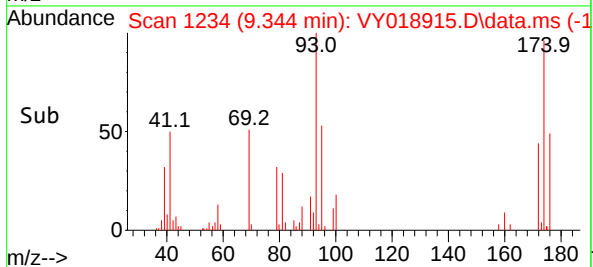
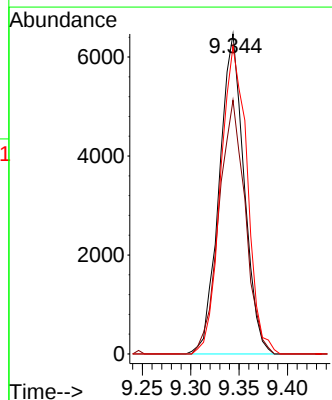
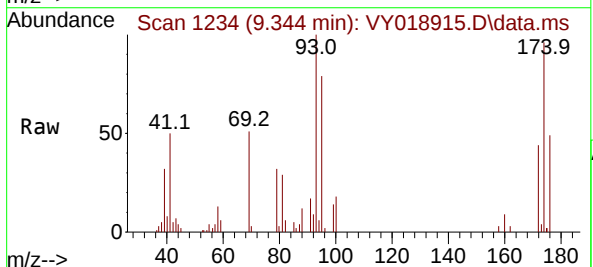
Tgt Ion: 93 Resp: 11538

Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 102.7 80.9 121.3





#47

Bromodichloromethane

Concen: 21.440 ug/l

RT: 9.533 min Scan# 11

Delta R.T. 0.043 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

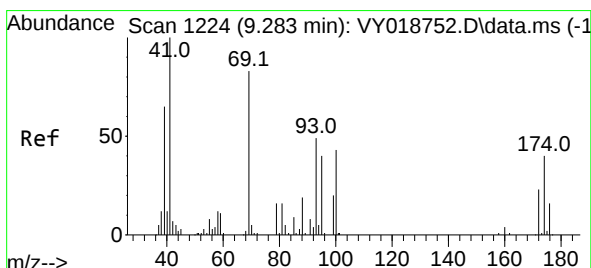
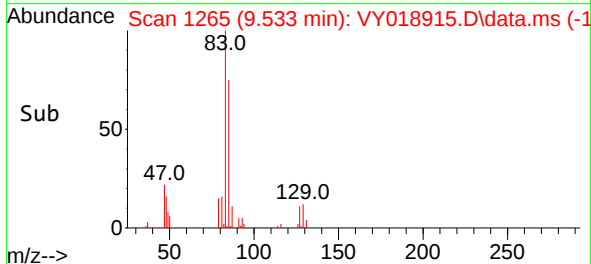
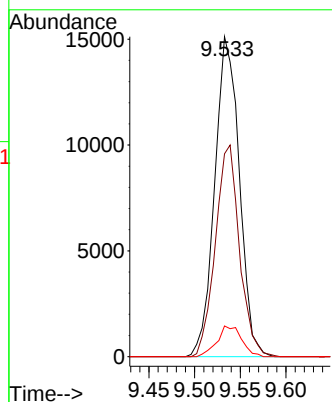
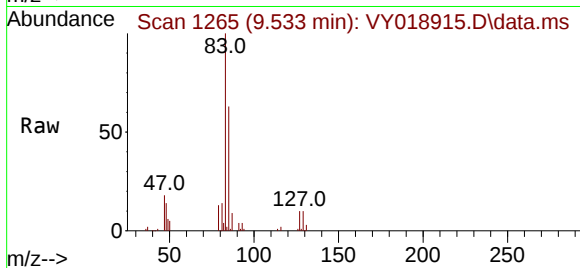
Tgt Ion: 83 Resp: 28321

Ion Ratio Lower Upper

83 100

85 63.4 50.1 75.1

127 9.6 7.4 11.0



#48

Methyl methacrylate

Concen: 21.554 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.049 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

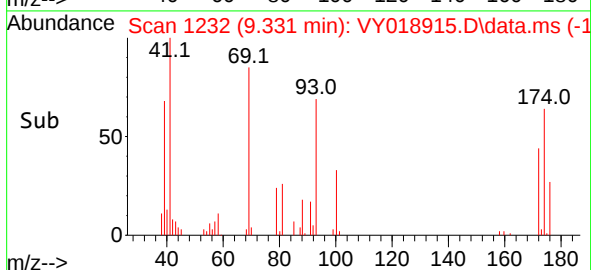
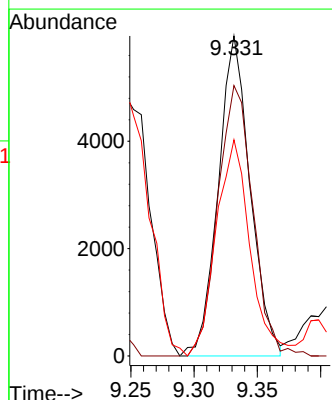
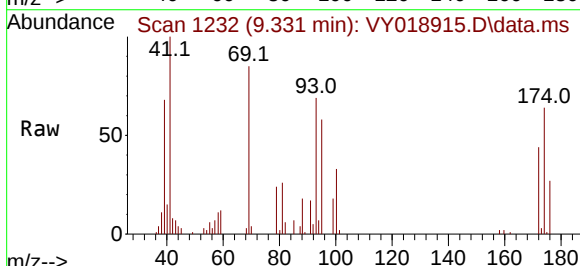
Tgt Ion: 41 Resp: 10464

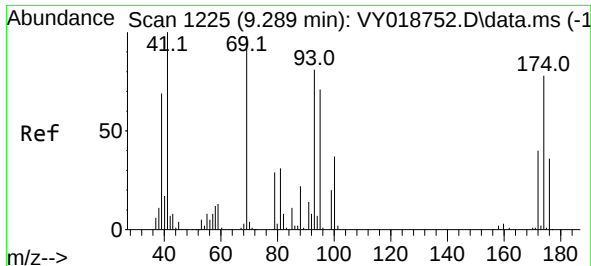
Ion Ratio Lower Upper

41 100

69 92.5 84.1 126.1

39 71.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 443.346 ug/l

RT: 9.338 min Scan# 11

Delta R.T. 0.049 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

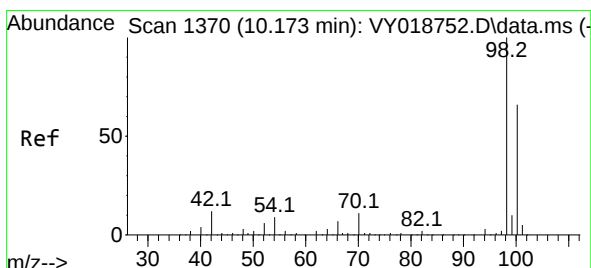
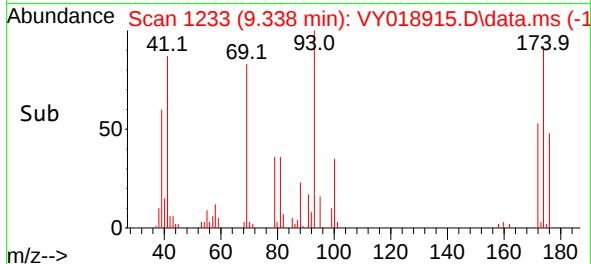
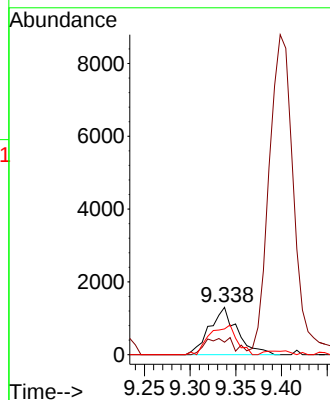
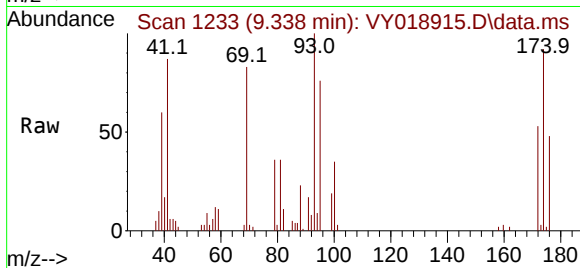
Tgt Ion: 88 Resp: 2748

Ion Ratio Lower Upper

88 100

43 37.2 0.0 0.0#

58 60.6 49.3 73.9



#50

Toluene-d8

Concen: 48.294 ug/l

RT: 10.228 min Scan# 1379

Delta R.T. 0.055 min

Lab File: VY018915.D

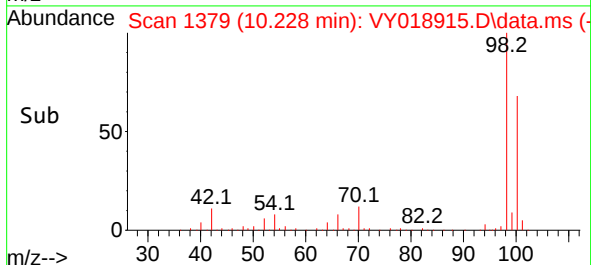
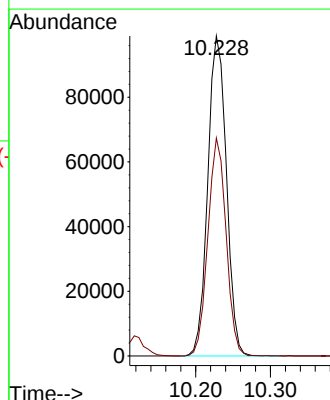
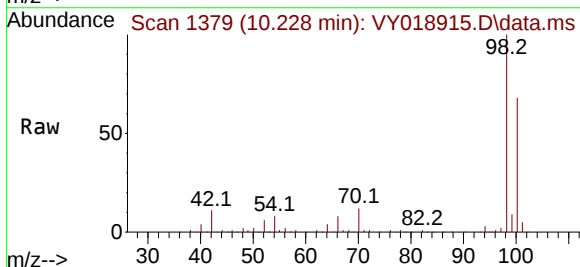
Acq: 25 Jul 2024 14:19

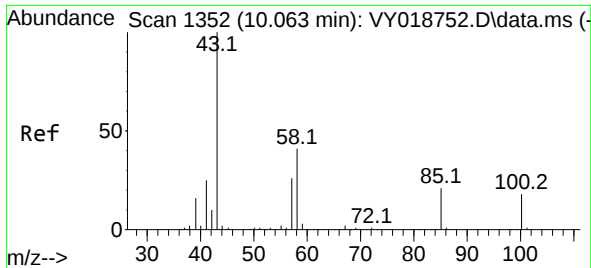
Tgt Ion: 98 Resp: 171211

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0

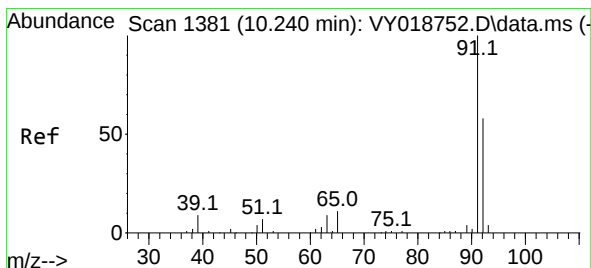
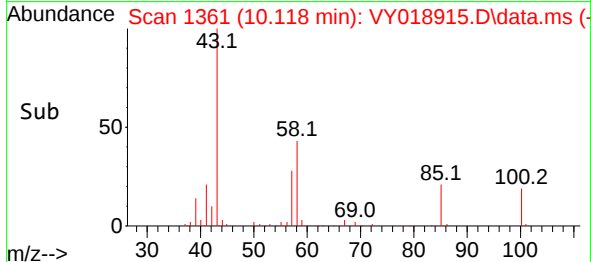
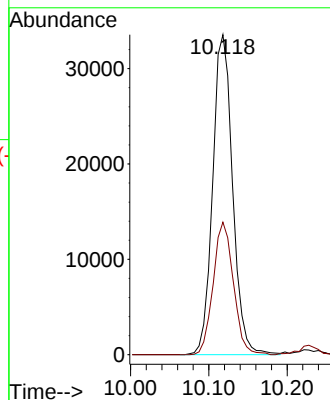
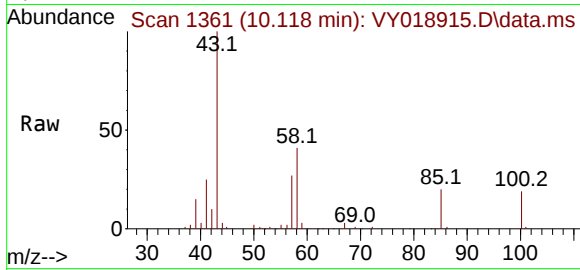




#51
4-Methyl-2-Pentanone
Concen: 108.765 ug/l
RT: 10.118 min Scan# 11
Delta R.T. 0.055 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

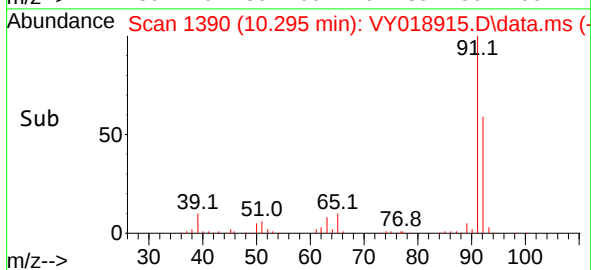
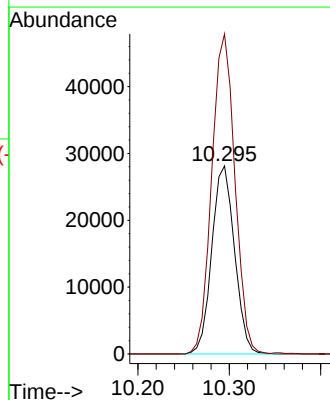
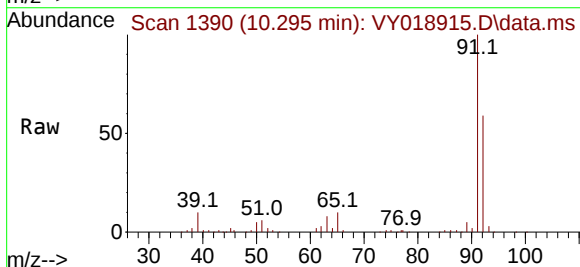
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

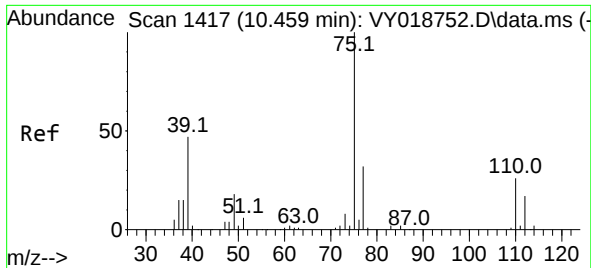
Tgt Ion: 43 Resp: 59311
Ion Ratio Lower Upper
43 100
58 42.1 35.7 53.5



#52
Toluene
Concen: 19.501 ug/l
RT: 10.295 min Scan# 1390
Delta R.T. 0.055 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 92 Resp: 48556
Ion Ratio Lower Upper
92 100
91 173.2 139.0 208.6

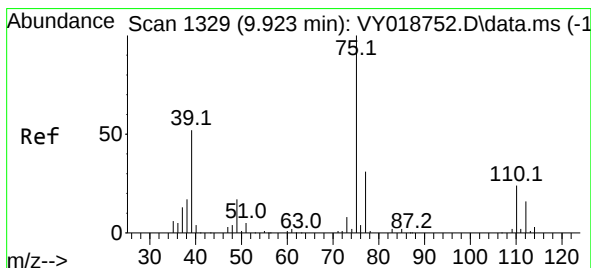
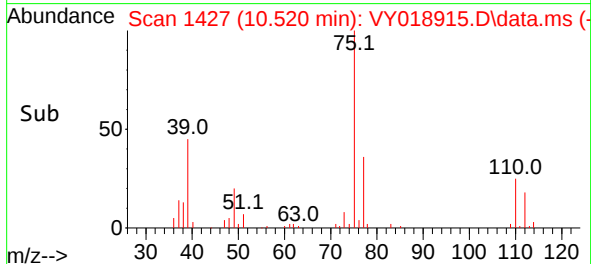
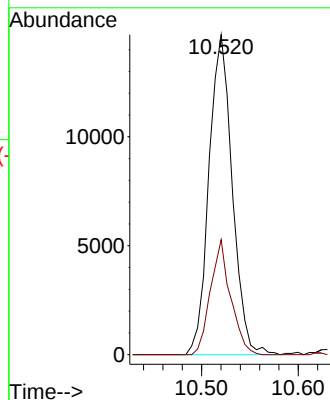
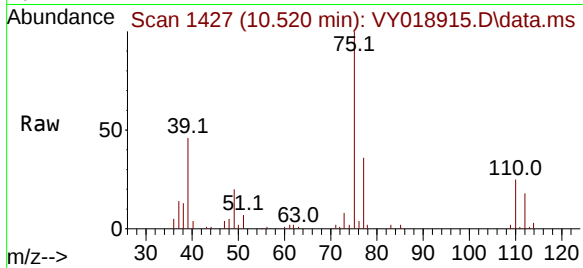




#53
t-1,3-Dichloropropene
Concen: 21.598 ug/l
RT: 10.520 min Scan# 1417
Delta R.T. 0.061 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

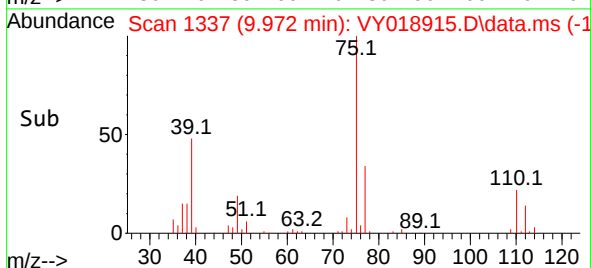
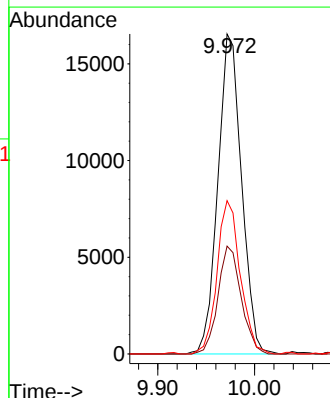
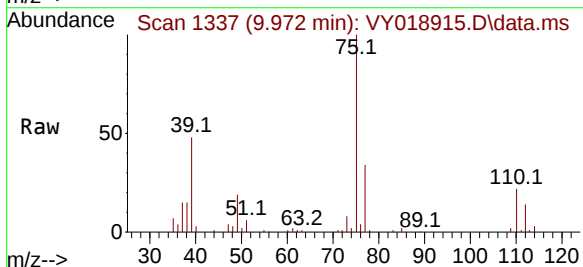
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

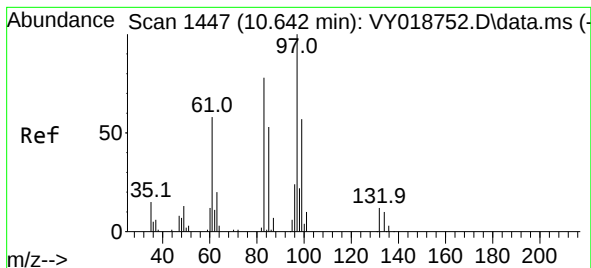
Tgt Ion: 75 Resp: 24633
Ion Ratio Lower Upper
75 100
77 36.0 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.005 ug/l
RT: 9.972 min Scan# 1337
Delta R.T. 0.049 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 75 Resp: 28105
Ion Ratio Lower Upper
75 100
77 33.7 25.4 38.0
39 47.9 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 22.093 ug/l

RT: 10.703 min Scan# 1447

Delta R.T. 0.061 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

Tgt Ion: 97 Resp: 14793

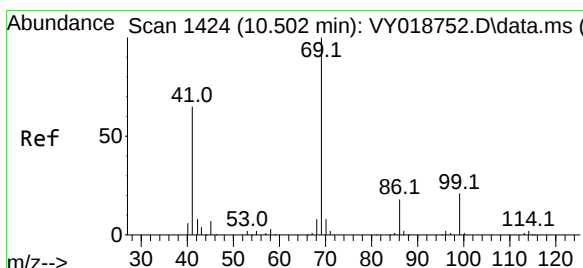
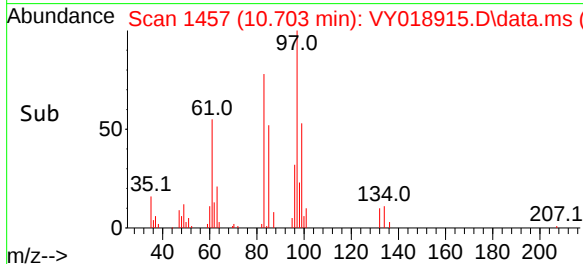
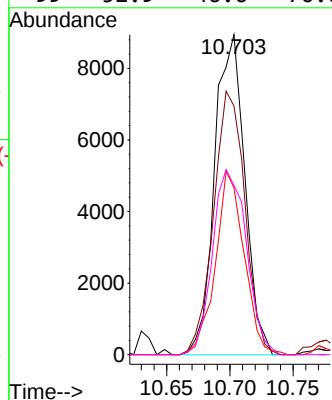
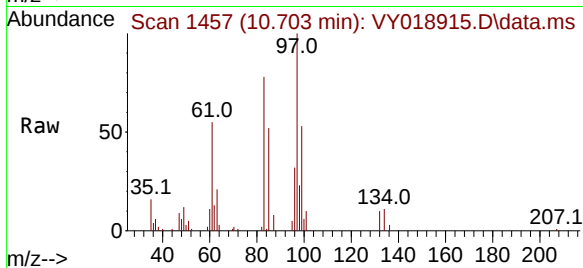
Ion Ratio Lower Upper

97 100

83 77.7 67.5 101.3

85 52.2 42.9 64.3

99 52.9 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.286 ug/l

RT: 10.569 min Scan# 1435

Delta R.T. 0.067 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

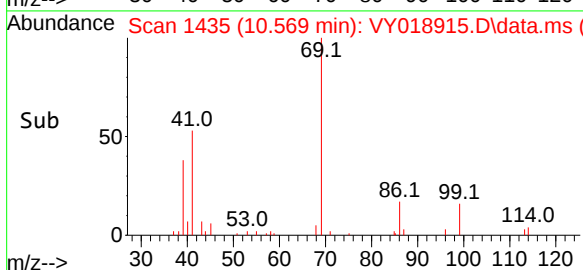
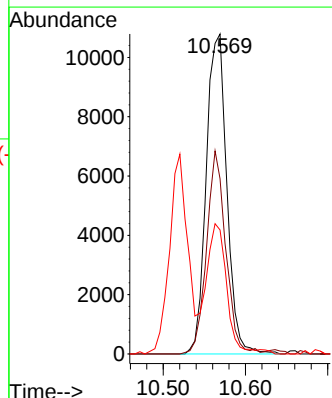
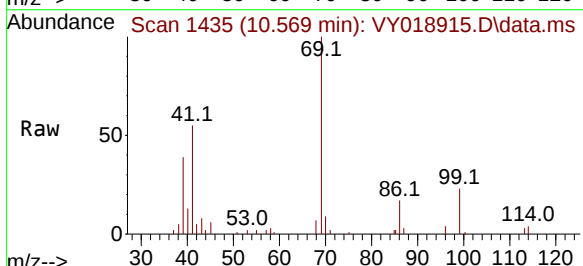
Tgt Ion: 69 Resp: 18765

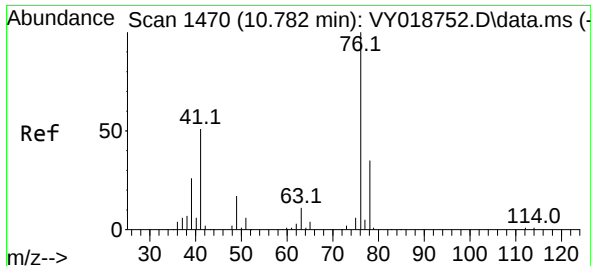
Ion Ratio Lower Upper

69 100

41 59.2 42.3 63.5

39 38.9 22.9 34.3#

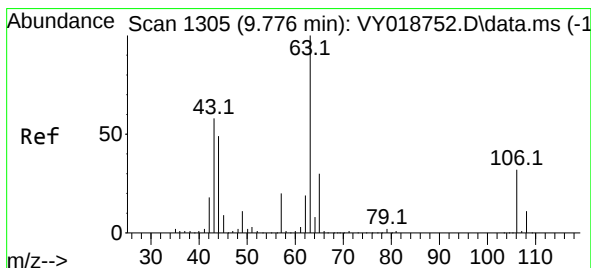
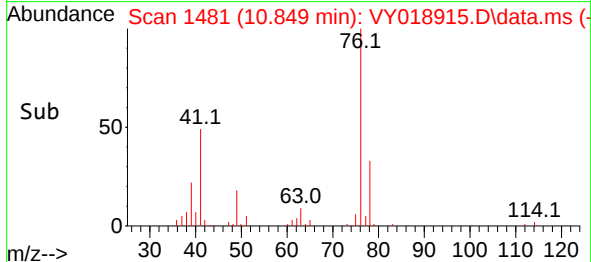
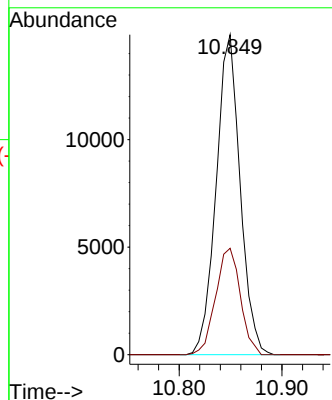
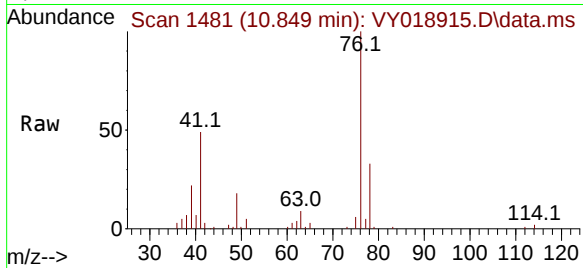




#57
1,3-Dichloropropane
Concen: 21.681 ug/l
RT: 10.849 min Scan# 1470
Delta R.T. 0.067 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

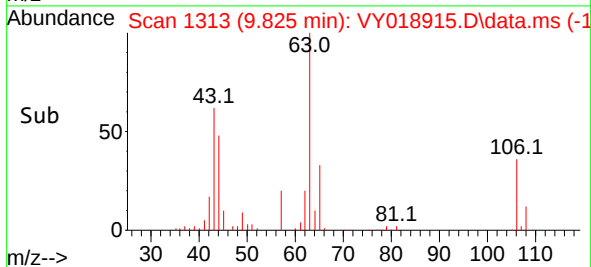
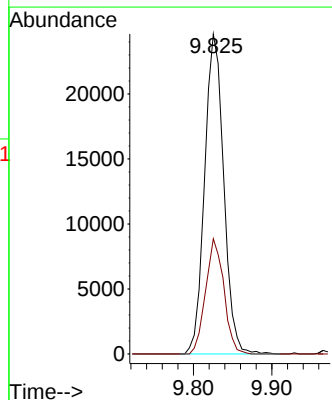
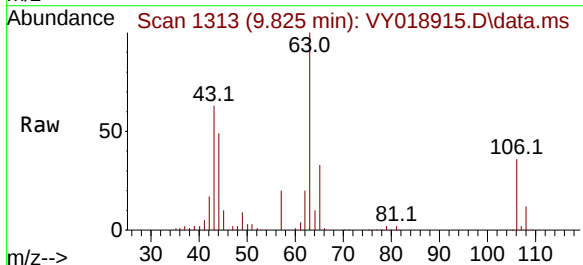
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

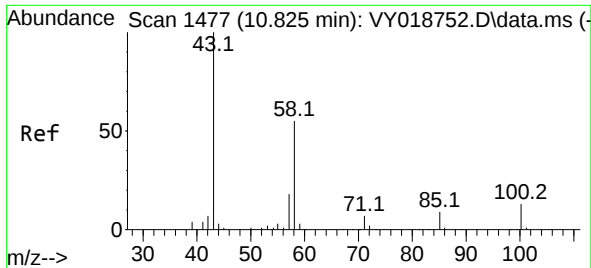
Tgt Ion: 76 Resp: 24065
Ion Ratio Lower Upper
76 100
78 34.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 98.929 ug/l
RT: 9.825 min Scan# 1313
Delta R.T. 0.049 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 63 Resp: 41665
Ion Ratio Lower Upper
63 100
106 34.4 23.7 35.5

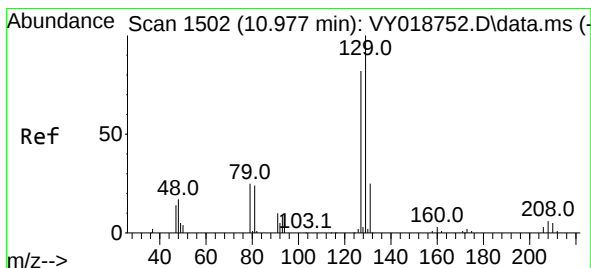
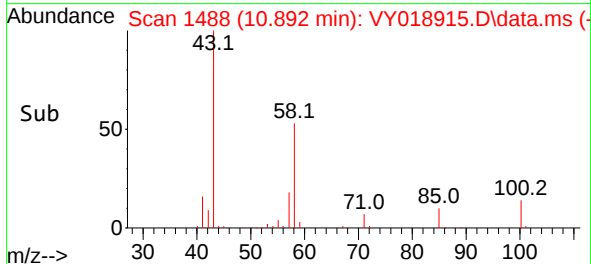
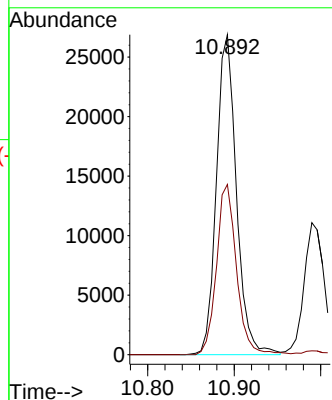
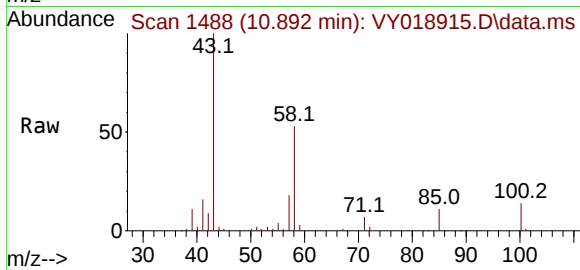




#59
2-Hexanone
Concen: 112.797 ug/l
RT: 10.892 min Scan# 1477
Delta R.T. 0.067 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

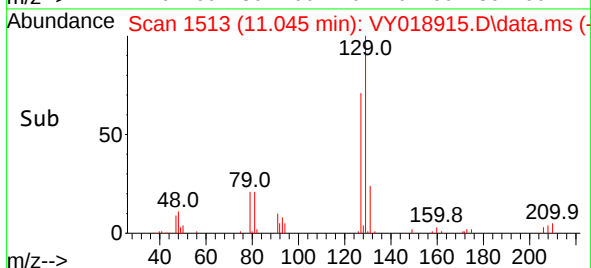
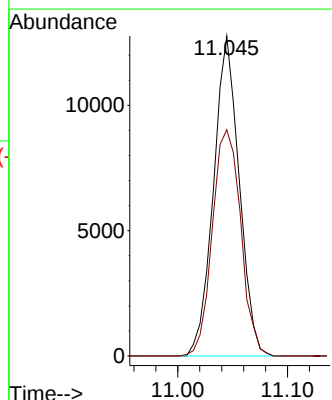
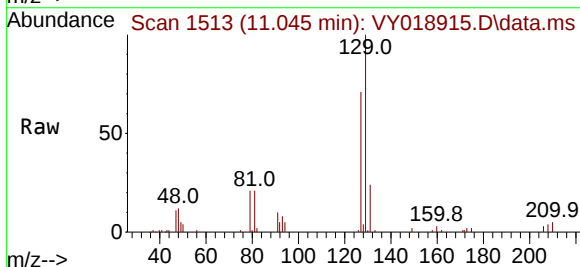
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

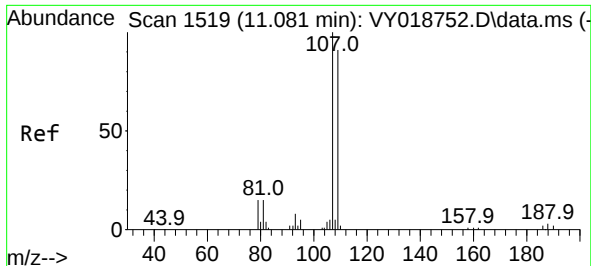
Tgt Ion: 43 Resp: 43032
Ion Ratio Lower Upper
43 100
58 53.4 31.4 94.0



#60
Dibromochloromethane
Concen: 22.591 ug/l
RT: 11.045 min Scan# 1513
Delta R.T. 0.067 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:129 Resp: 20784
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

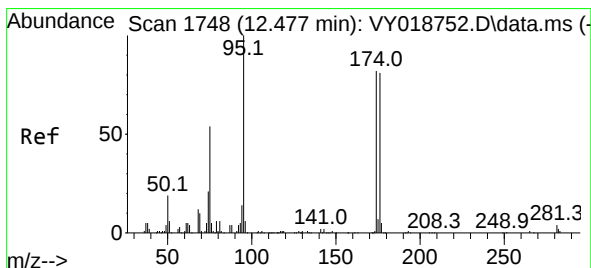
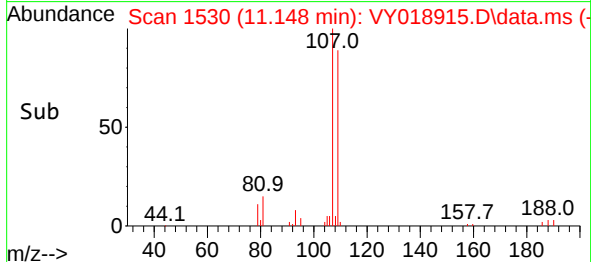
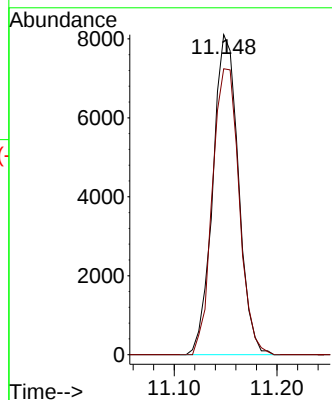
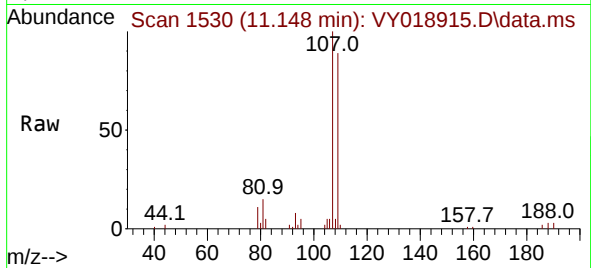




#61
1,2-Dibromoethane
Concen: 21.485 ug/l
RT: 11.148 min Scan# 11
Delta R.T. 0.067 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

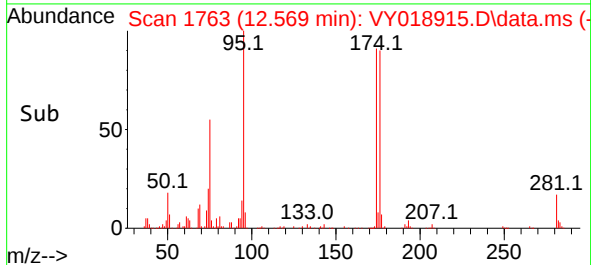
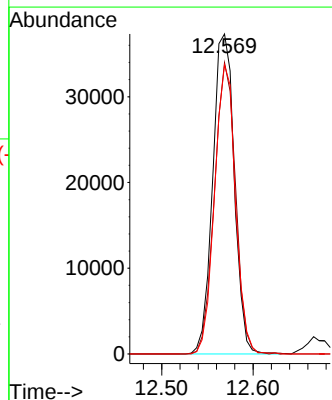
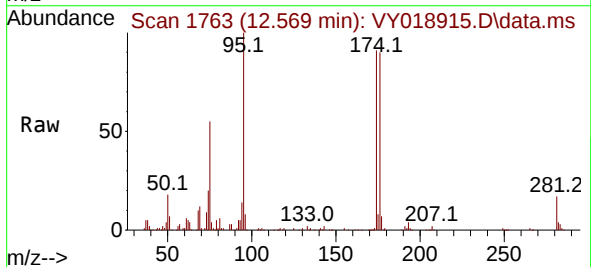
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

Tgt Ion:107 Resp: 13986
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.413 ug/l
RT: 12.569 min Scan# 1763
Delta R.T. 0.092 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 95 Resp: 61034
Ion Ratio Lower Upper
95 100
174 89.3 0.0 175.6
176 87.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.557 min Scan# 11

Delta R.T. 0.073 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

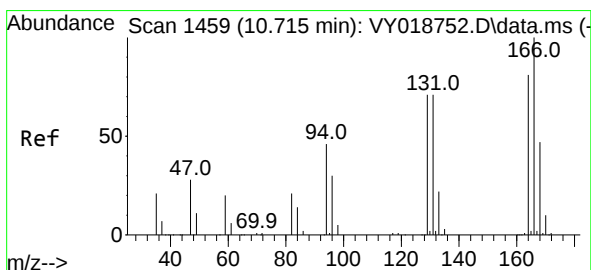
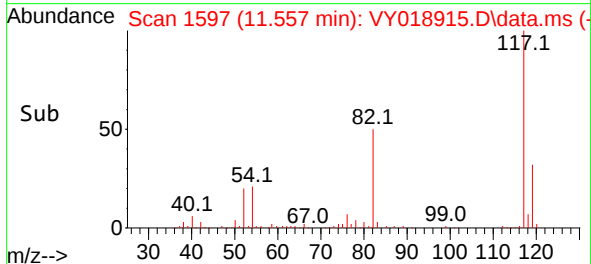
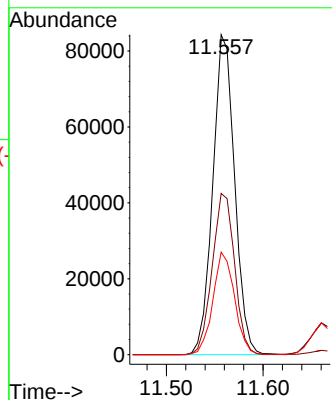
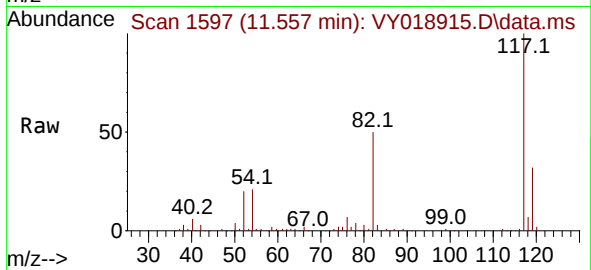
Tgt Ion:117 Resp: 132458

Ion Ratio Lower Upper

117 100

82 50.4 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 20.120 ug/l

RT: 10.776 min Scan# 1469

Delta R.T. 0.061 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Tgt Ion:164 Resp: 21572

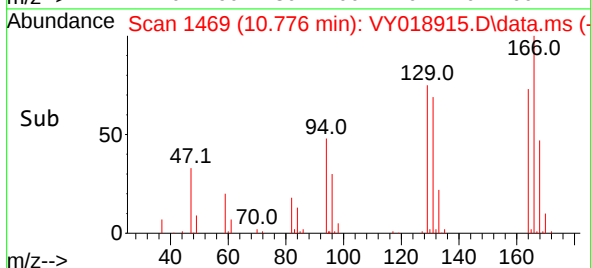
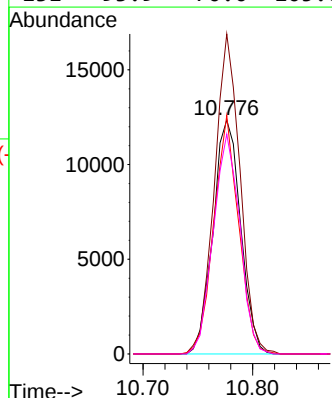
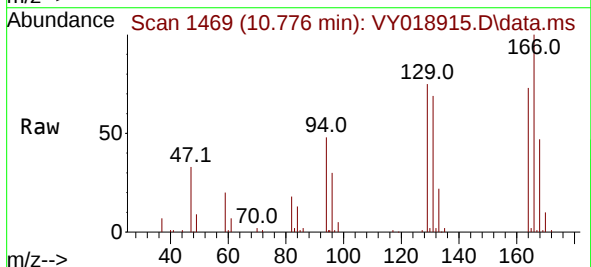
Ion Ratio Lower Upper

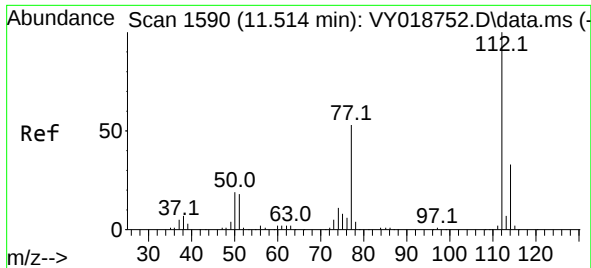
164 100

166 136.8 102.6 154.0

129 101.9 72.0 108.0

131 93.9 70.0 105.0

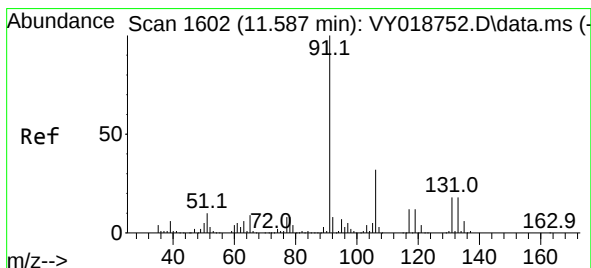
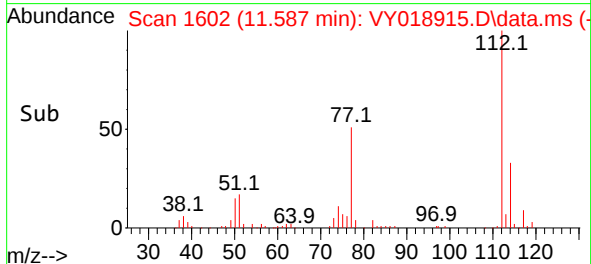
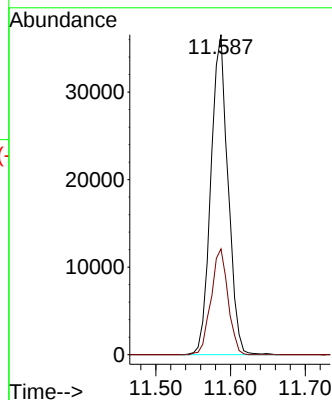
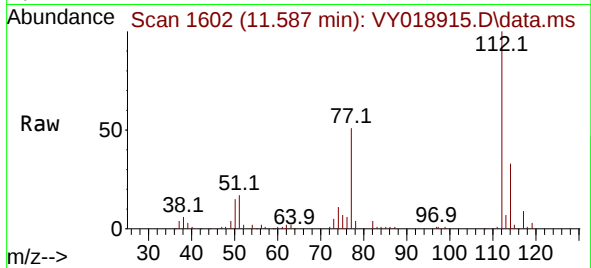




#65
Chlorobenzene
Concen: 20.840 ug/l
RT: 11.587 min Scan# 1114
Delta R.T. 0.073 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

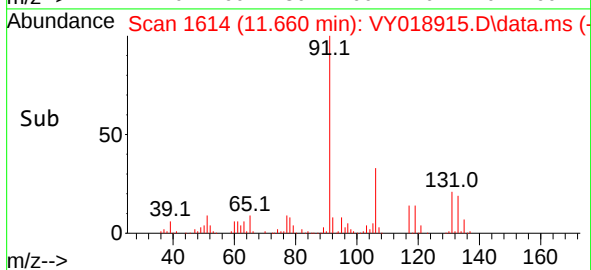
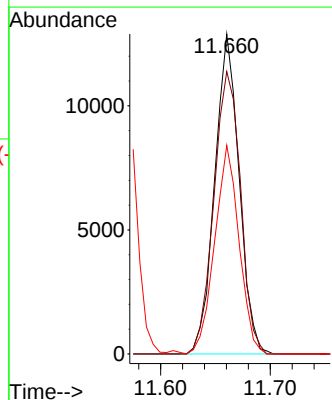
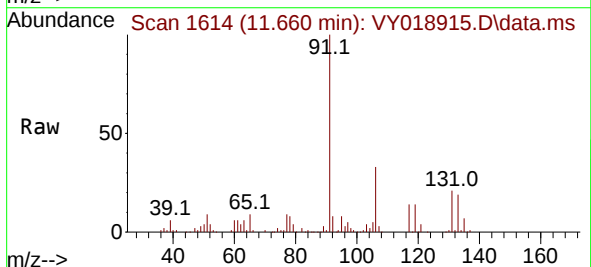
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

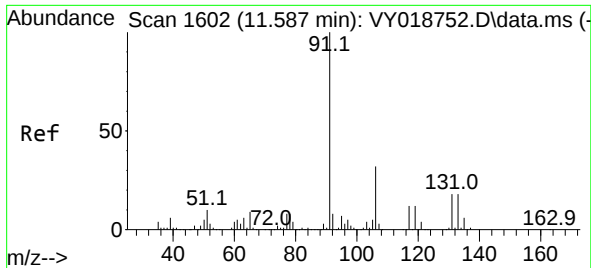
Tgt Ion:112 Resp: 58232
Ion Ratio Lower Upper
112 100
114 33.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.750 ug/l
RT: 11.660 min Scan# 1614
Delta R.T. 0.073 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:131 Resp: 19976
Ion Ratio Lower Upper
131 100
133 96.3 47.8 143.3
119 65.0 34.1 102.2

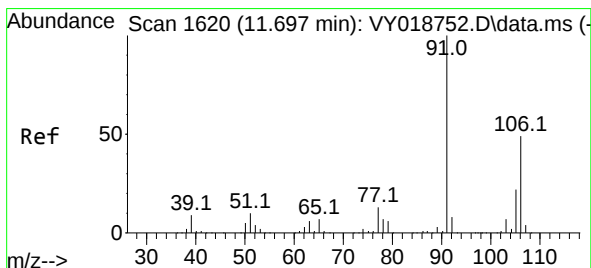
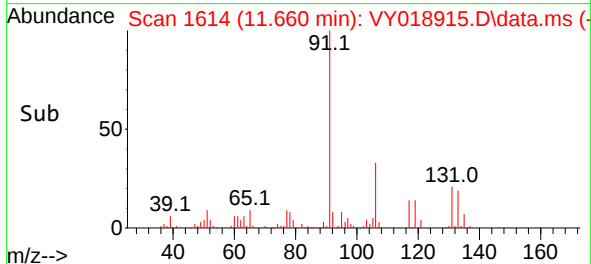
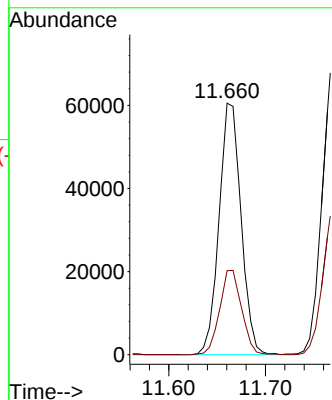
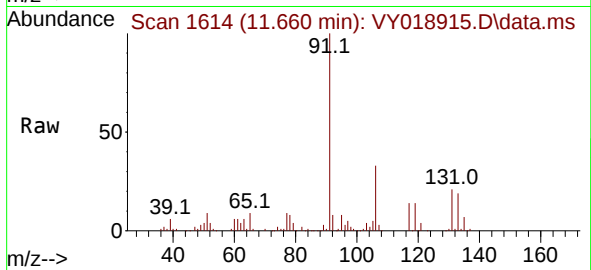




#67
Ethyl Benzene
Concen: 19.516 ug/l
RT: 11.660 min Scan# 1614
Delta R.T. 0.073 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

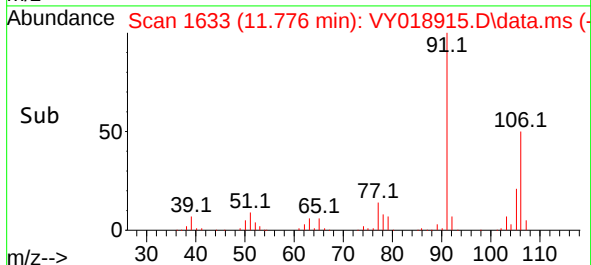
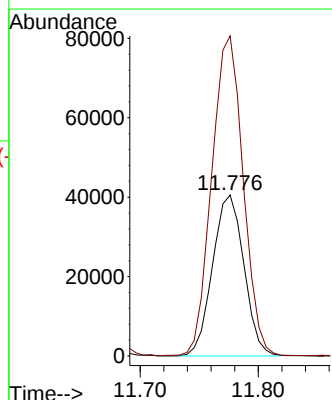
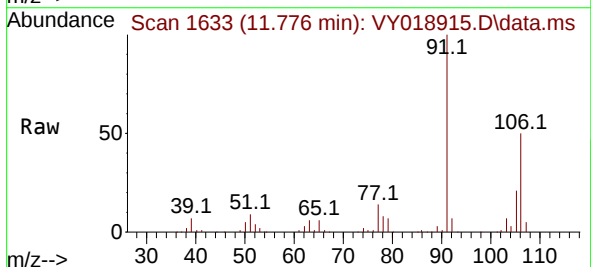
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBSD01

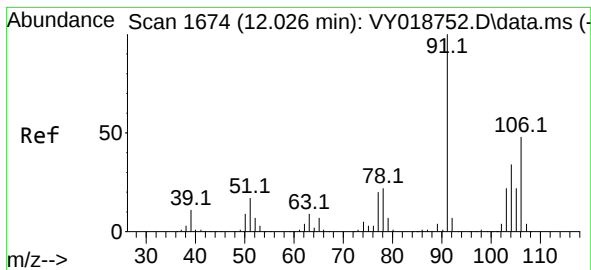
Tgt Ion: 91 Resp: 95528
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 38.879 ug/l m
RT: 11.776 min Scan# 1633
Delta R.T. 0.079 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:106 Resp: 74681
Ion Ratio Lower Upper
106 100
91 127.9 156.0 234.0#





#69

o-Xylene

Concen: 19.672 ug/l

RT: 12.105 min Scan# 1687

Delta R.T. 0.079 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

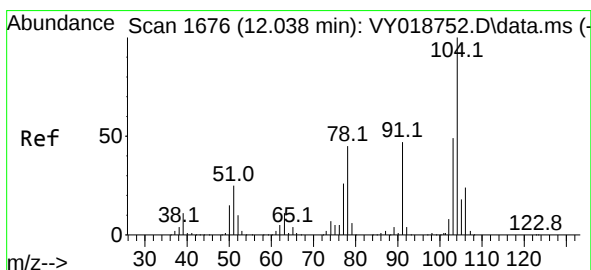
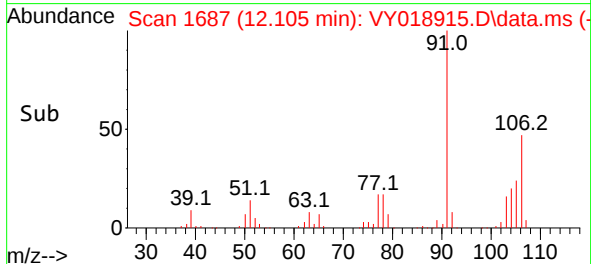
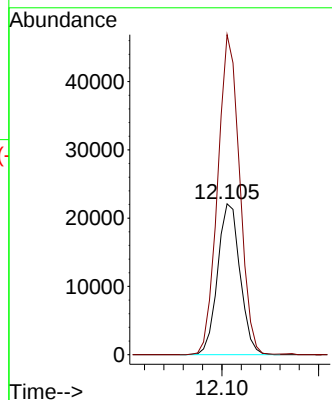
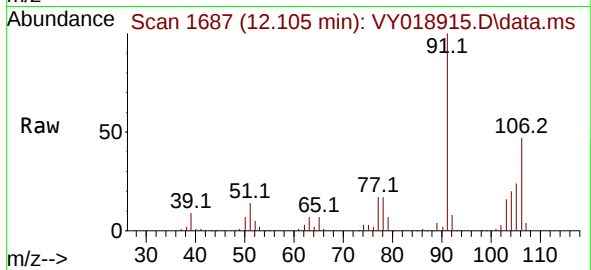
VY0725SBS01

Tgt Ion:106 Resp: 35525

Ion Ratio Lower Upper

106 100

91 207.2 103.6 310.8



#70

Styrene

Concen: 19.809 ug/l

RT: 12.124 min Scan# 1690

Delta R.T. 0.085 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

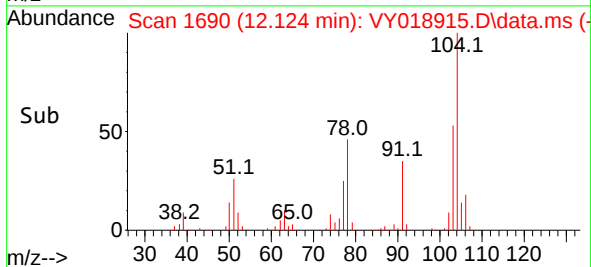
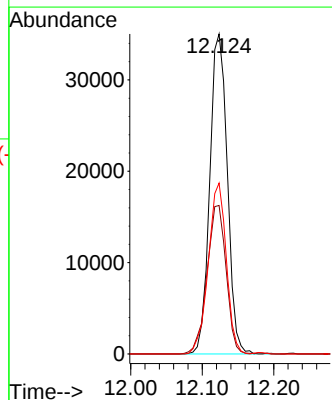
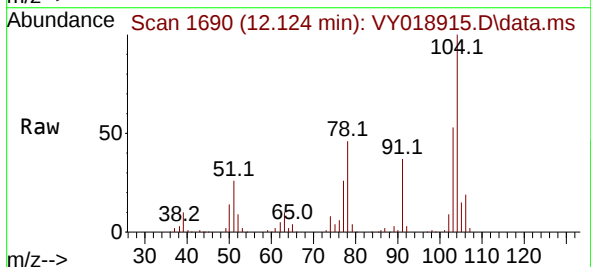
Tgt Ion:104 Resp: 59688

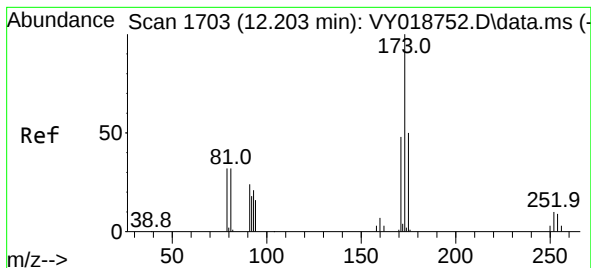
Ion Ratio Lower Upper

104 100

78 50.6 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 22.757 ug/l

RT: 12.288 min Scan# 11

Delta R.T. 0.085 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

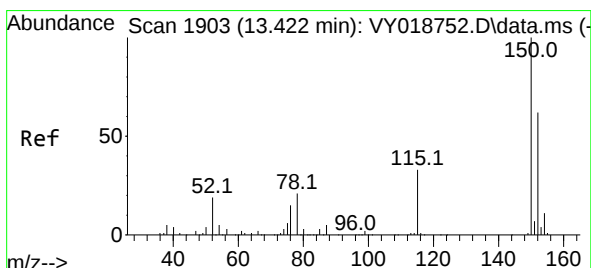
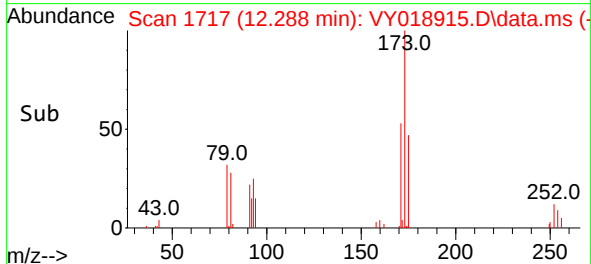
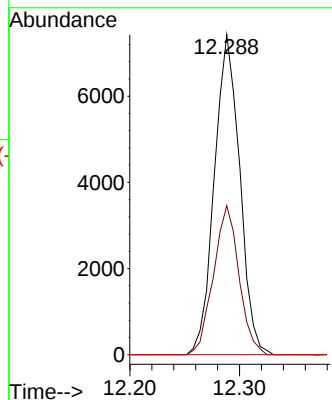
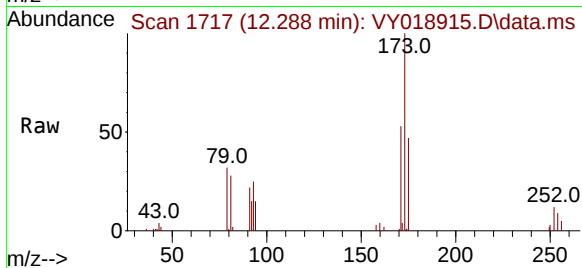
Tgt Ion:173 Resp: 11942

Ion Ratio Lower Upper

173 100

175 46.8 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.532 min Scan# 1921

Delta R.T. 0.110 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

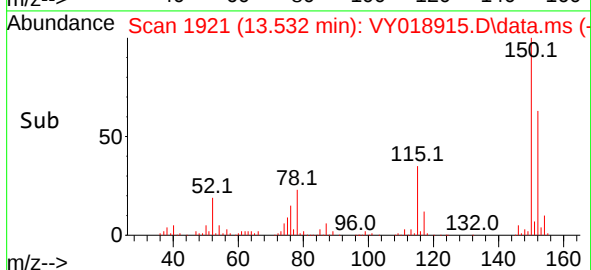
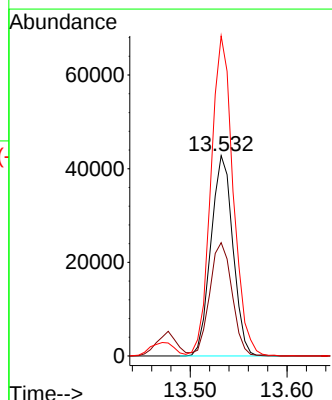
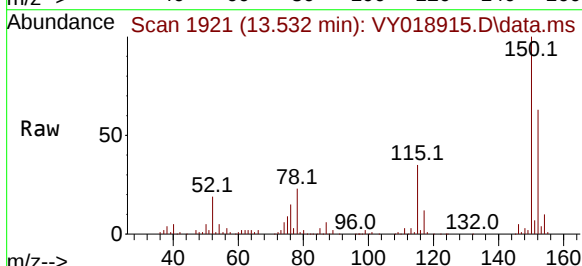
Tgt Ion:152 Resp: 67672

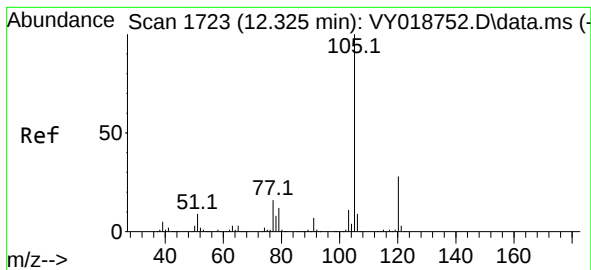
Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 161.8 0.0 345.6





#73

Isopropylbenzene

Concen: 19.286 ug/l

RT: 12.416 min Scan# 11

Delta R.T. 0.092 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

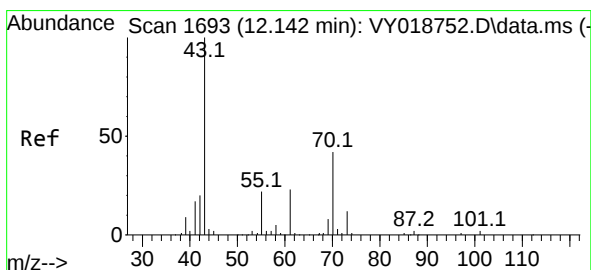
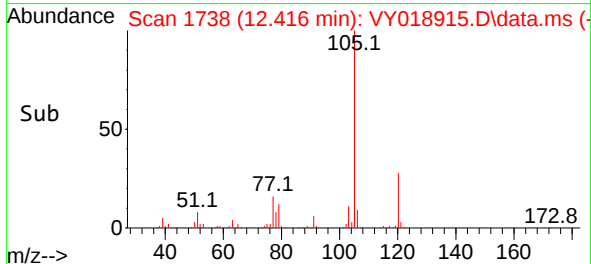
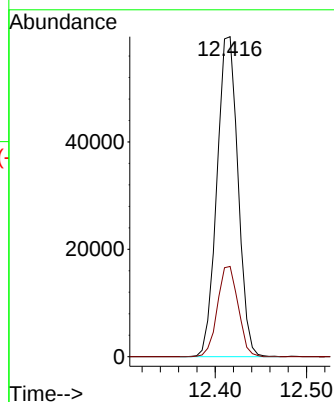
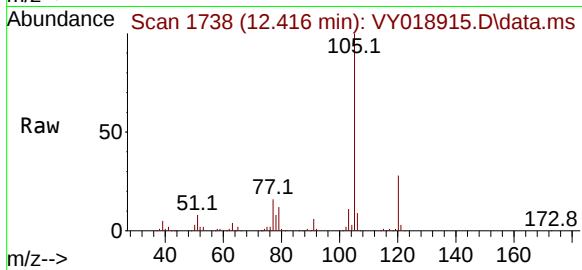
VY0725SBS01

Tgt Ion:105 Resp: 95516

Ion Ratio Lower Upper

105 100

120 27.8 13.4 40.1



#74

N-ethyl acetate

Concen: 19.702 ug/l

RT: 12.227 min Scan# 1707

Delta R.T. 0.085 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Tgt Ion: 43 Resp: 19955

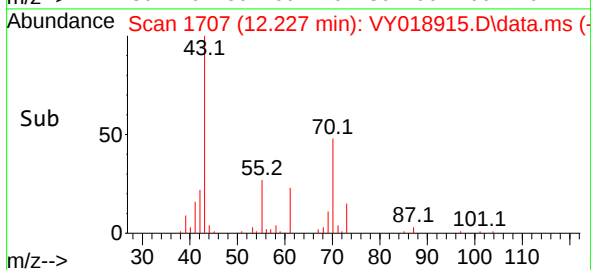
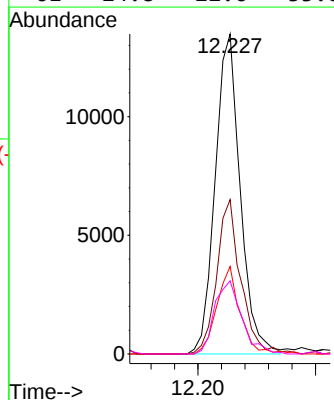
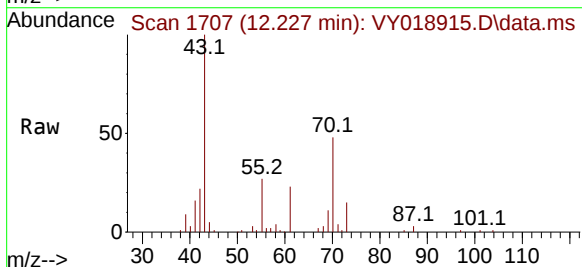
Ion Ratio Lower Upper

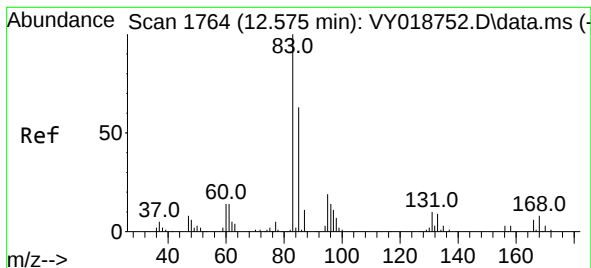
43 100

70 46.4 41.4 62.2

55 25.6 23.3 34.9

61 24.8 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.416 ug/l

RT: 12.672 min Scan# 1764

Delta R.T. 0.098 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

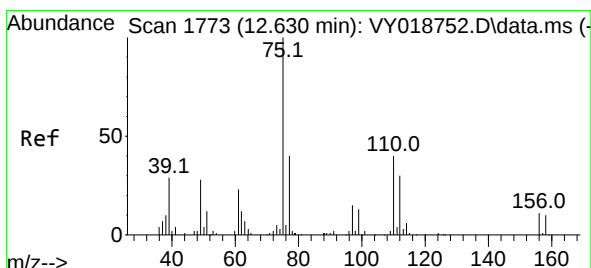
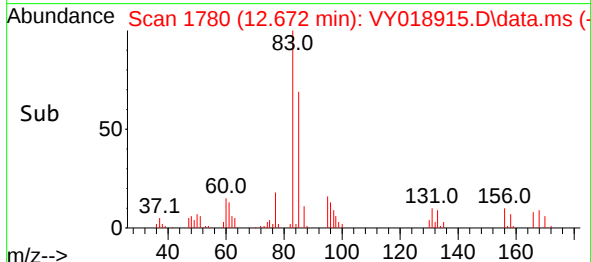
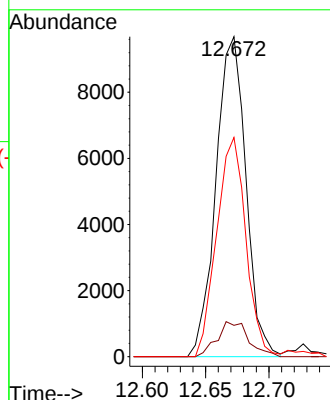
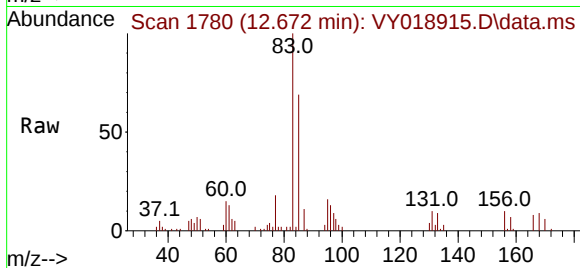
Tgt Ion: 83 Resp: 15940

Ion Ratio Lower Upper

83 100

131 11.5 5.0 14.9

85 66.7 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 20.905 ug/l m

RT: 12.721 min Scan# 1788

Delta R.T. 0.091 min

Lab File: VY018915.D

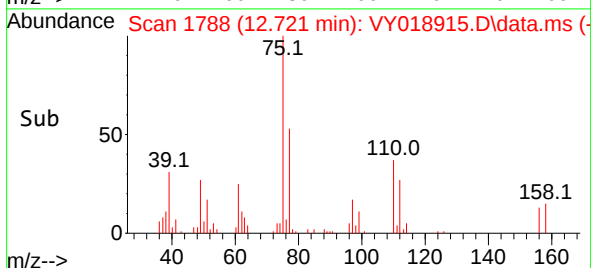
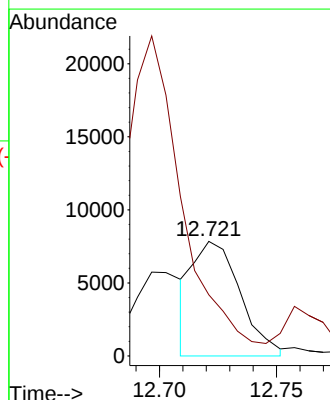
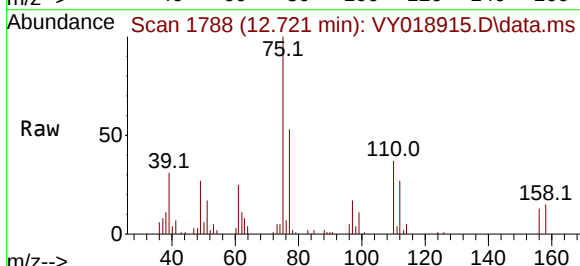
Acq: 25 Jul 2024 14:19

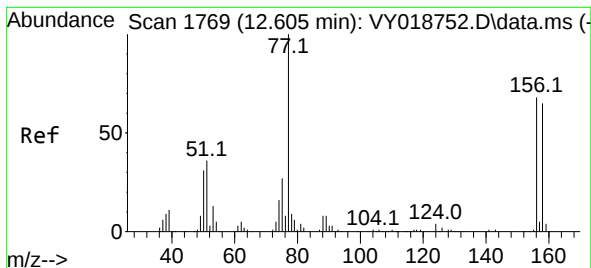
Tgt Ion: 75 Resp: 11080

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.359 ug/l

RT: 12.697 min Scan# 1769

Delta R.T. 0.092 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

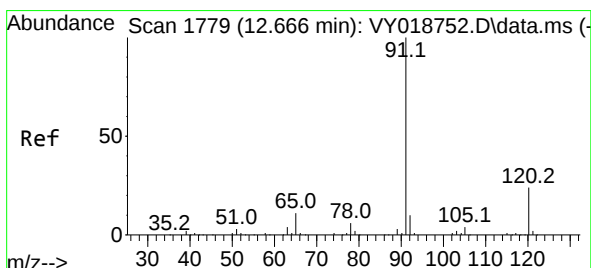
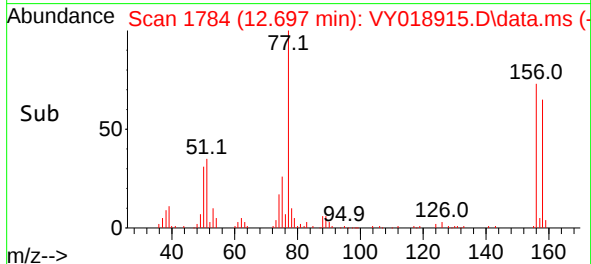
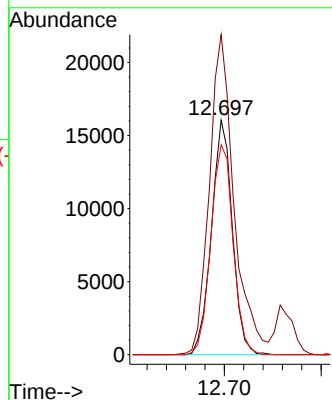
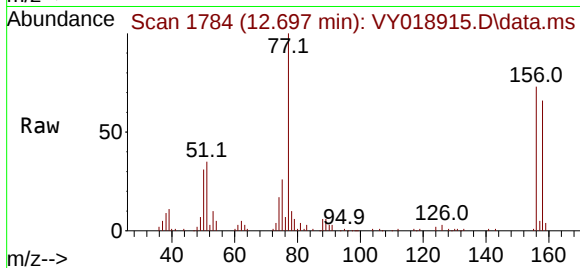
Tgt Ion:156 Resp: 24071

Ion Ratio Lower Upper

156 100

77 161.1 87.1 261.3

158 95.0 48.6 145.9



#78

n-propylbenzene

Concen: 18.920 ug/l

RT: 12.764 min Scan# 1795

Delta R.T. 0.098 min

Lab File: VY018915.D

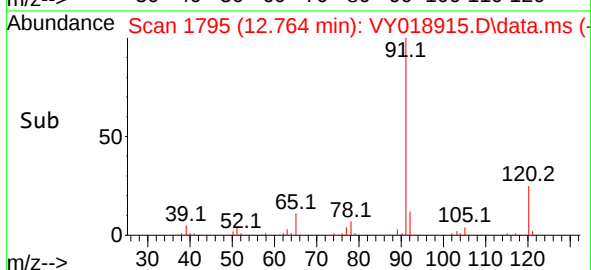
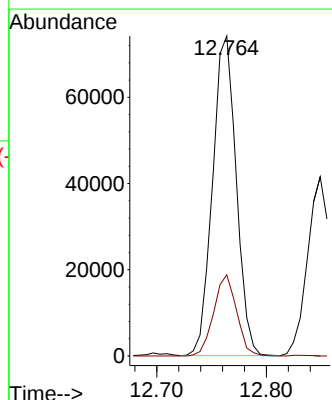
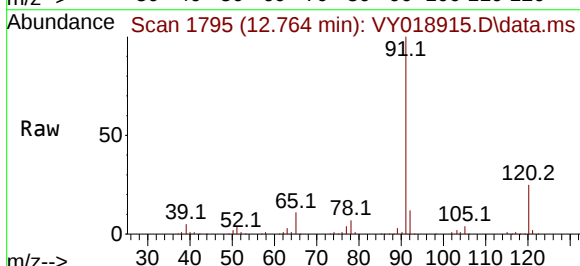
Acq: 25 Jul 2024 14:19

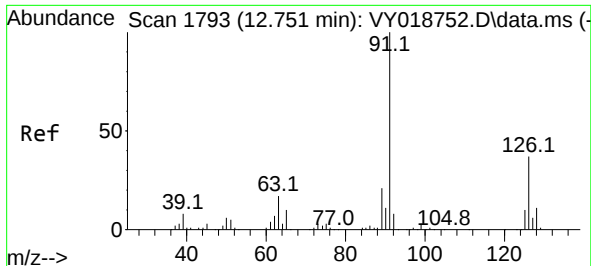
Tgt Ion: 91 Resp: 111277

Ion Ratio Lower Upper

91 100

120 24.5 11.5 34.4

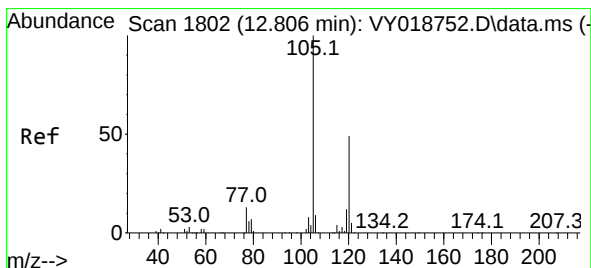
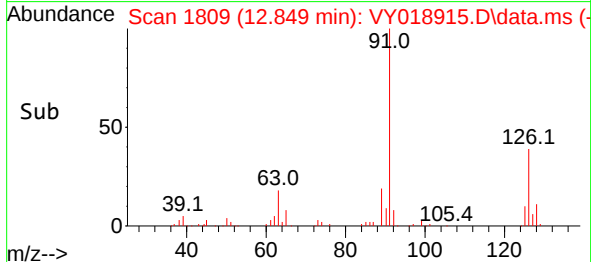
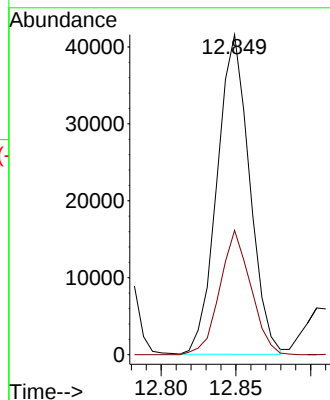
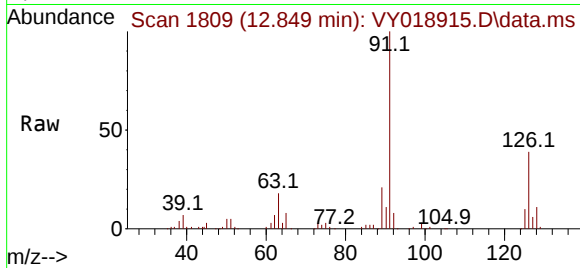




#79
2-Chlorotoluene
Concen: 18.964 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.098 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

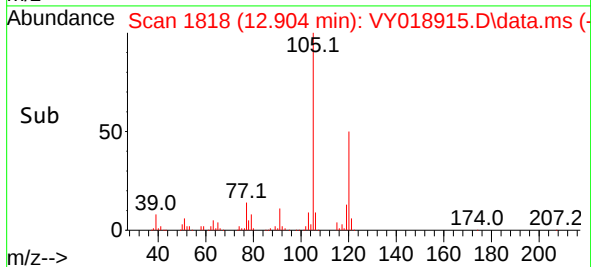
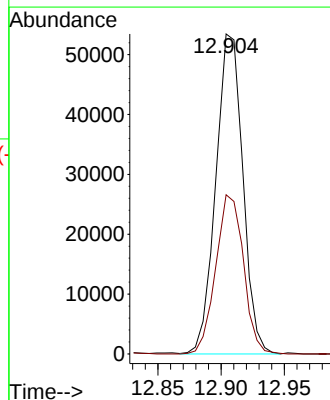
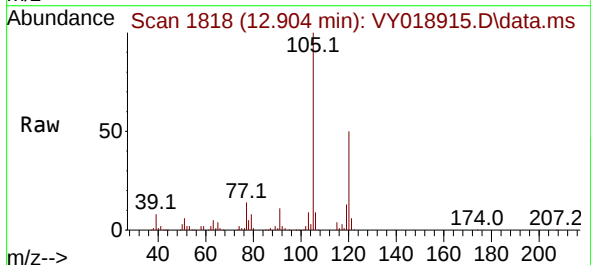
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

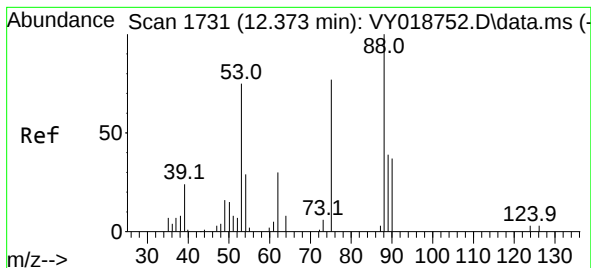
Tgt Ion: 91 Resp: 62717
Ion Ratio Lower Upper
91 100
126 37.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.587 ug/l
RT: 12.904 min Scan# 1818
Delta R.T. 0.098 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 105 Resp: 79373
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.2

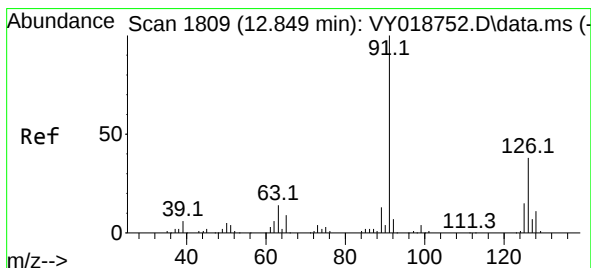
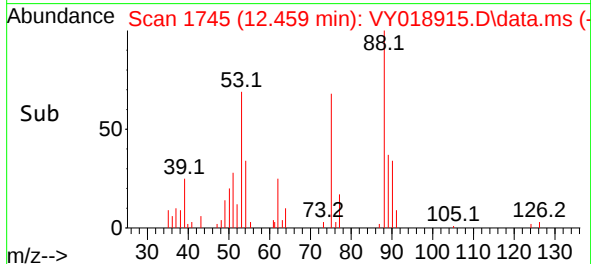
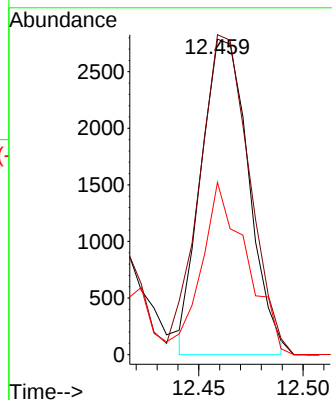
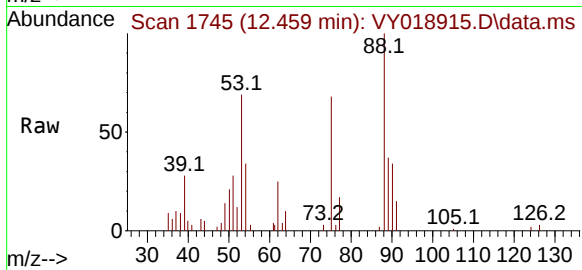




#81
trans-1,4-Dichloro-2-butene
Concen: 18.596 ug/l m
RT: 12.459 min Scan# 1745
Delta R.T. 0.085 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

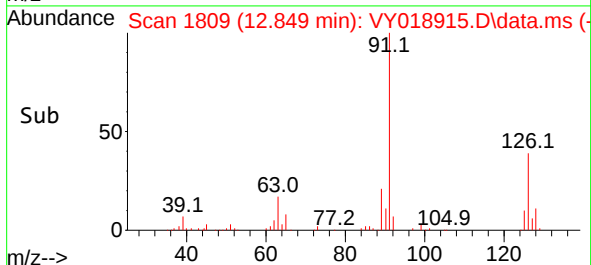
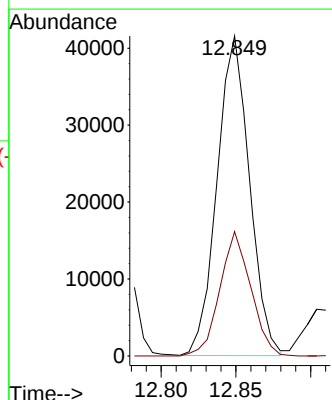
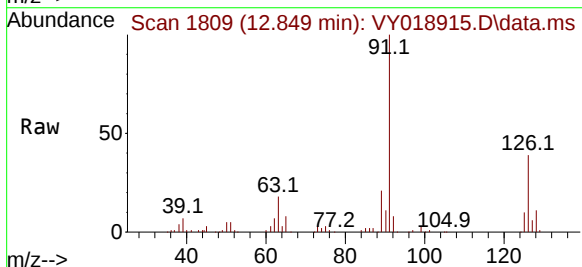
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

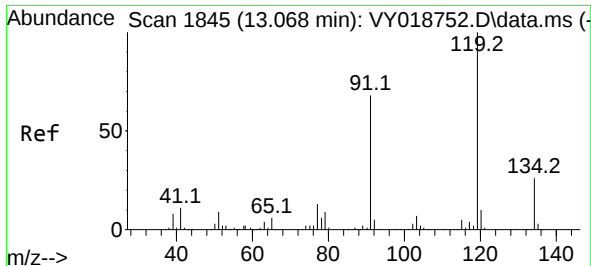
Tgt Ion: 75 Resp: 4404
Ion Ratio Lower Upper
75 100
53 26.0 66.8 100.2#
89 27.3 35.8 53.6#



#82
4-Chlorotoluene
Concen: 18.417 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 91 Resp: 62717
Ion Ratio Lower Upper
91 100
126 37.1 17.6 52.9

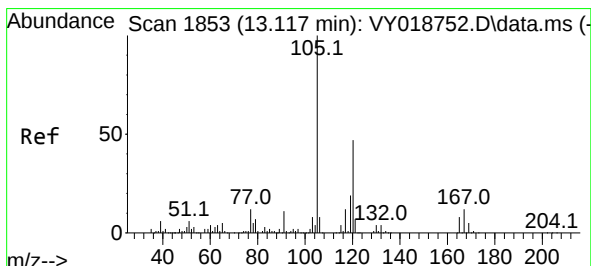
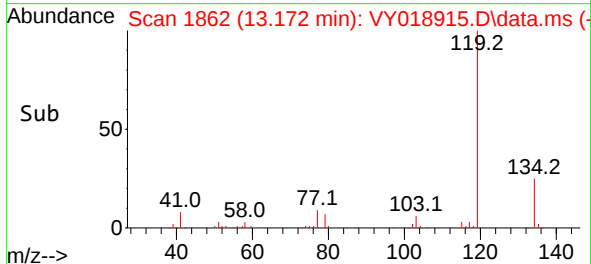
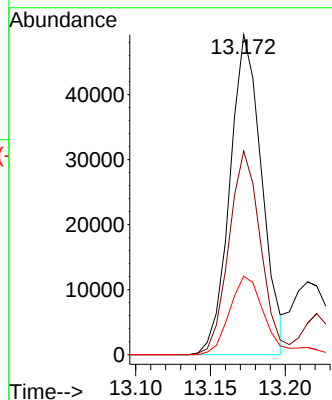
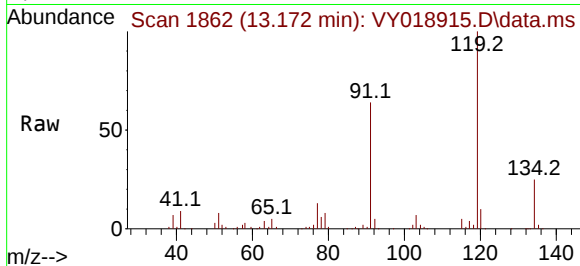




#83
tert-Butylbenzene
Concen: 19.559 ug/l
RT: 13.172 min Scan# 1862
Delta R.T. 0.104 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

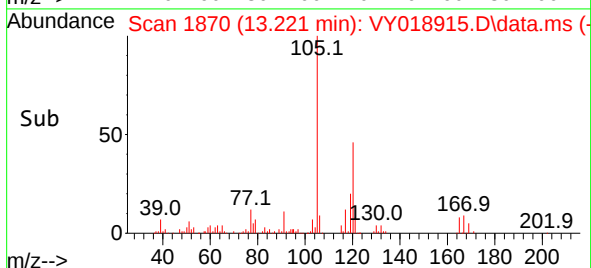
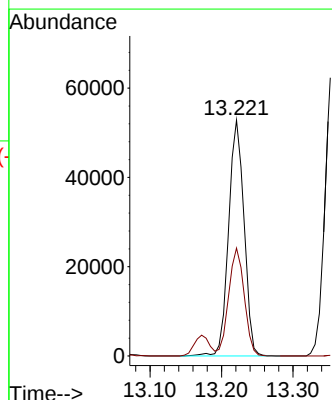
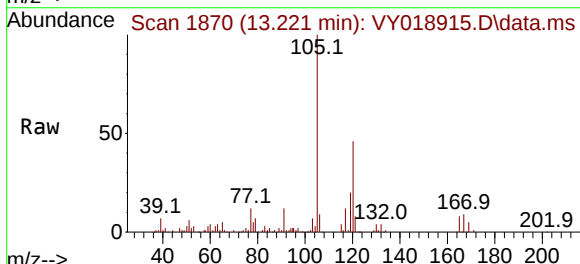
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

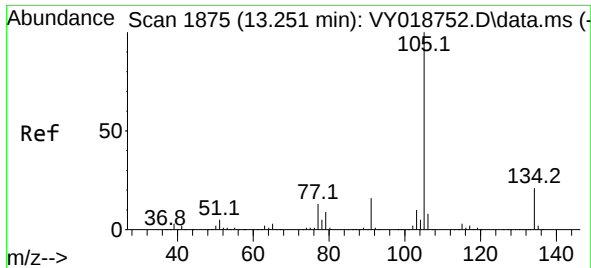
Tgt Ion:119 Resp: 73175
Ion Ratio Lower Upper
119 100
91 63.4 31.3 93.8
134 27.6 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 19.652 ug/l
RT: 13.221 min Scan# 1870
Delta R.T. 0.104 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:105 Resp: 79136
Ion Ratio Lower Upper
105 100
120 46.3 23.2 69.6

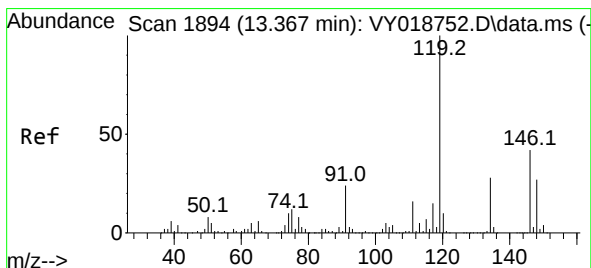
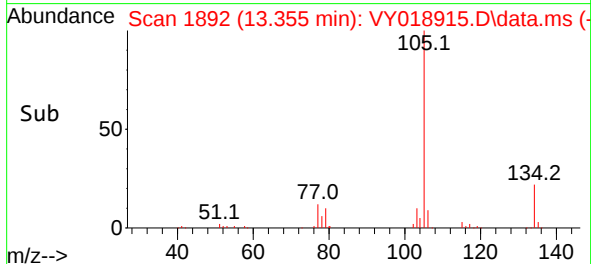
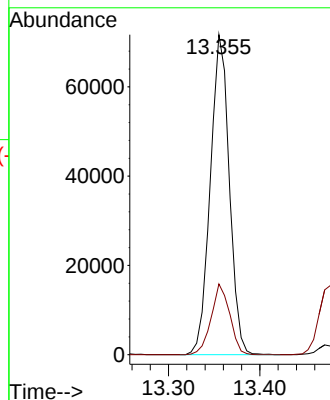
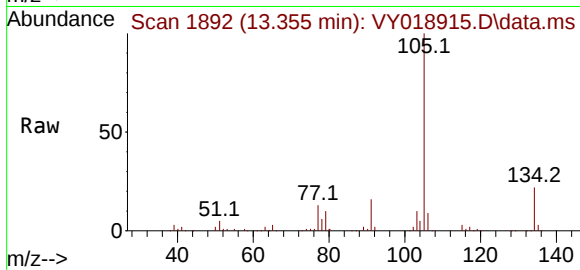




#85
 sec-Butylbenzene
 Concen: 19.482 ug/l
 RT: 13.355 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

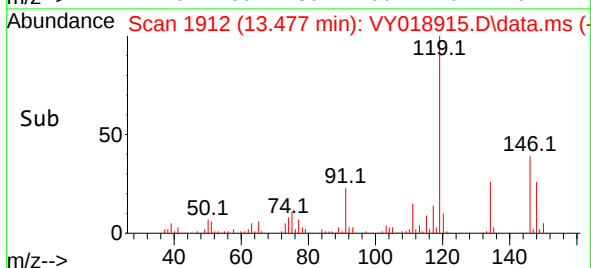
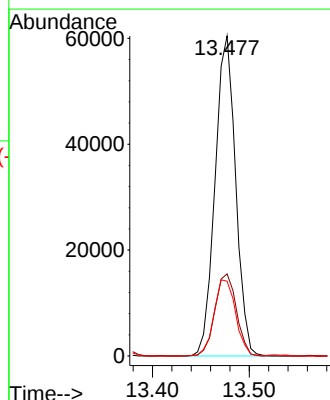
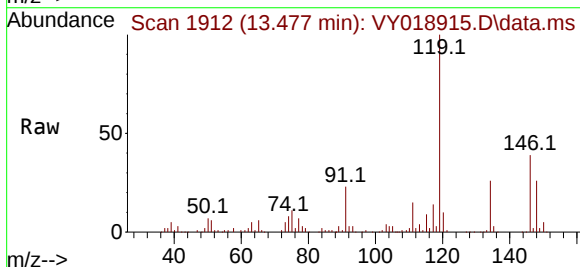
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0725SBS01

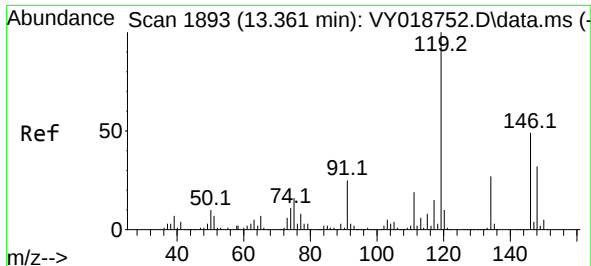
Tgt Ion:105 Resp: 103457
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 19.458 ug/l
 RT: 13.477 min Scan# 1912
 Delta R.T. 0.110 min
 Lab File: VY018915.D
 Acq: 25 Jul 2024 14:19

Tgt Ion:119 Resp: 89203
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.1 39.3
 91 25.0 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.155 ug/l

RT: 13.471 min Scan# 1911

Delta R.T. 0.110 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

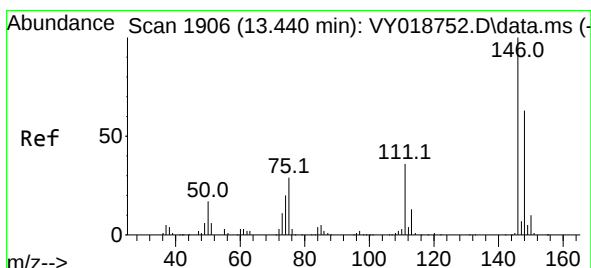
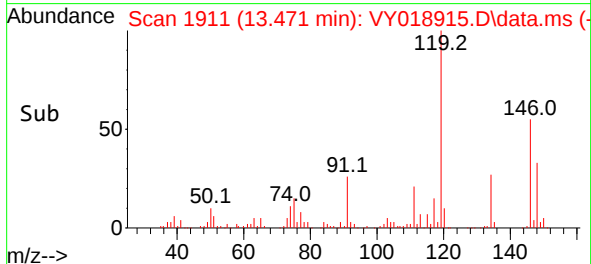
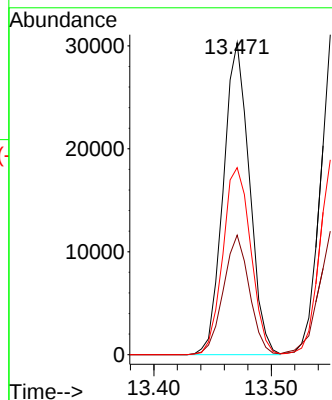
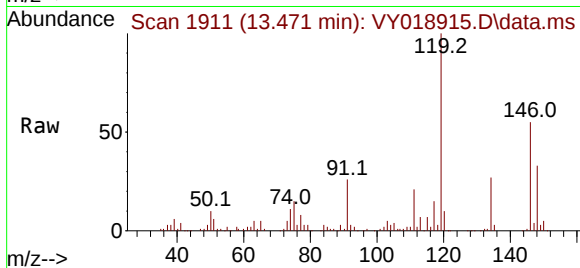
Tgt Ion:146 Resp: 46803

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 64.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.436 ug/l m

RT: 13.550 min Scan# 1924

Delta R.T. 0.110 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

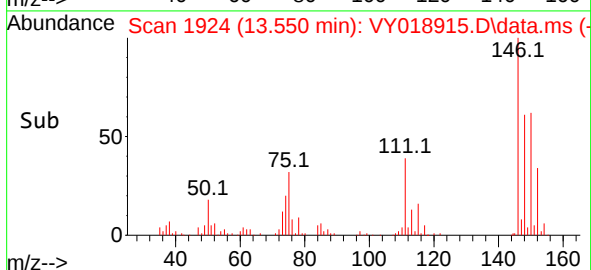
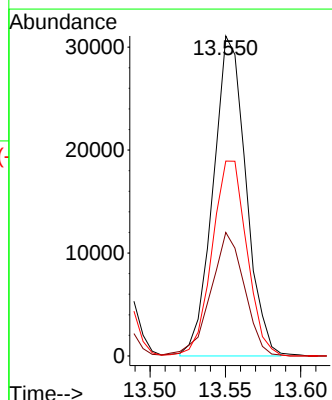
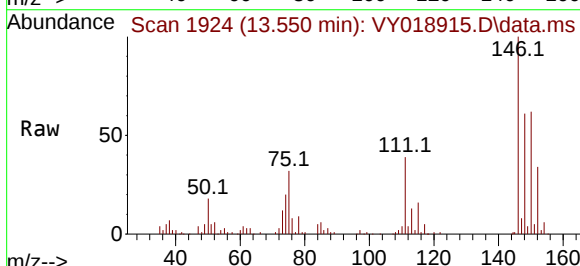
Tgt Ion:146 Resp: 47035

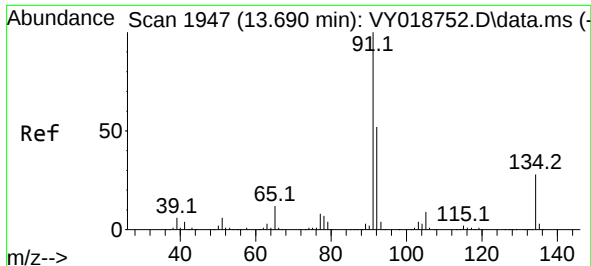
Ion Ratio Lower Upper

146 100

111 38.1 18.4 55.4

148 63.9 32.4 97.2

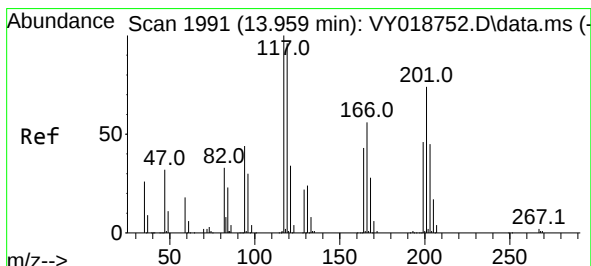
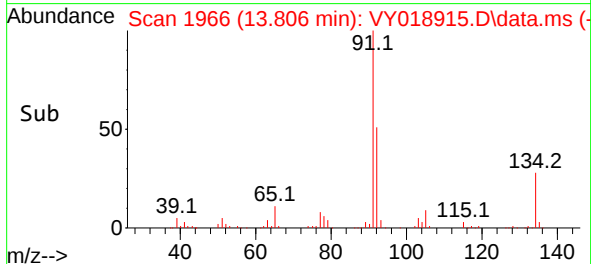
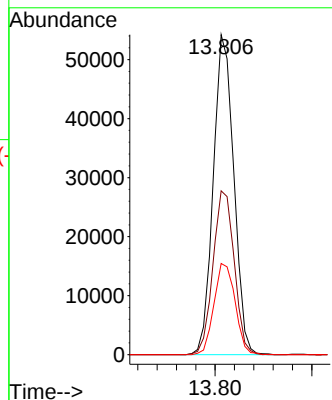
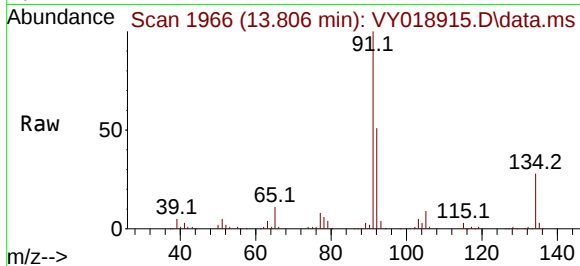




#89
n-Butylbenzene
Concen: 19.212 ug/l
RT: 13.806 min Scan# 1947
Delta R.T. 0.116 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

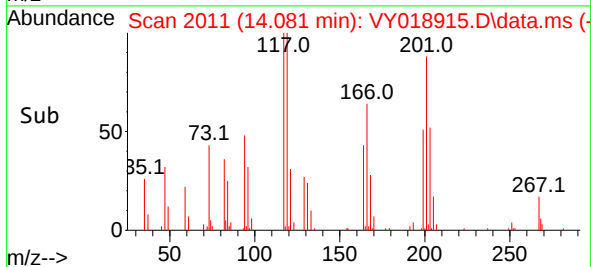
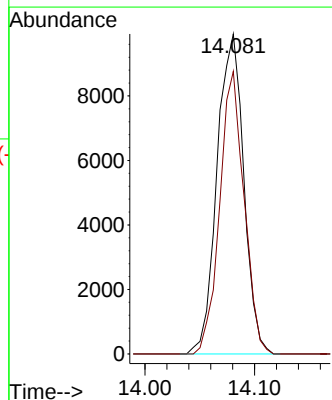
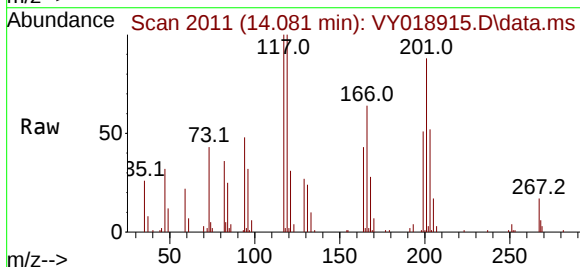
Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

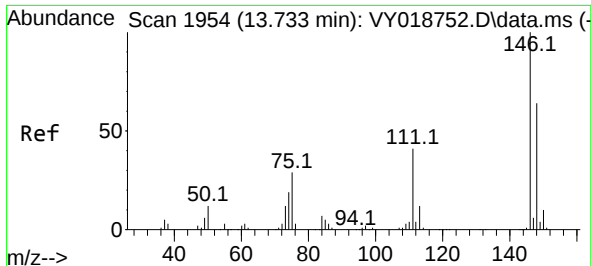
Tgt Ion: 91 Resp: 79848
Ion Ratio Lower Upper
91 100
92 53.0 26.6 79.7
134 29.4 12.9 38.7



#90
Hexachloroethane
Concen: 19.671 ug/l
RT: 14.081 min Scan# 2011
Delta R.T. 0.122 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion: 117 Resp: 16771
Ion Ratio Lower Upper
117 100
201 80.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 21.075 ug/l

RT: 13.849 min Scan# 1954

Delta R.T. 0.116 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBSD01

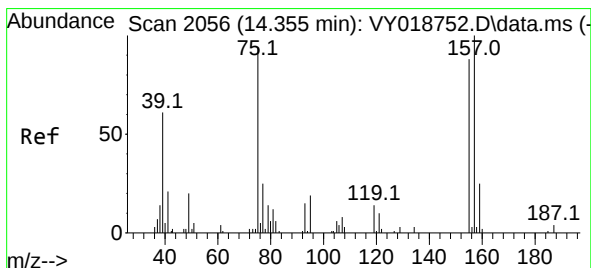
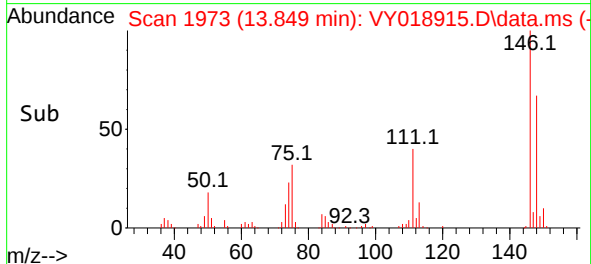
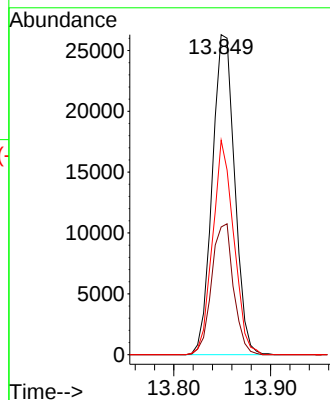
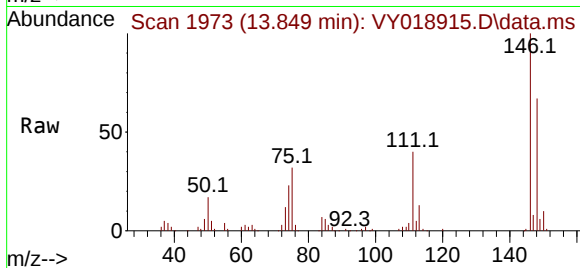
Tgt Ion:146 Resp: 42275

Ion Ratio Lower Upper

146 100

111 40.1 19.9 59.7

148 63.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.211 ug/l

RT: 14.483 min Scan# 2077

Delta R.T. 0.128 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

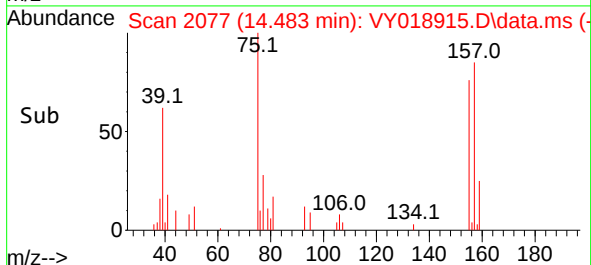
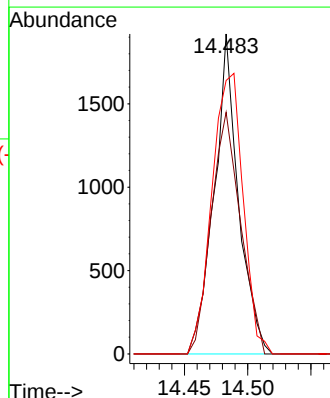
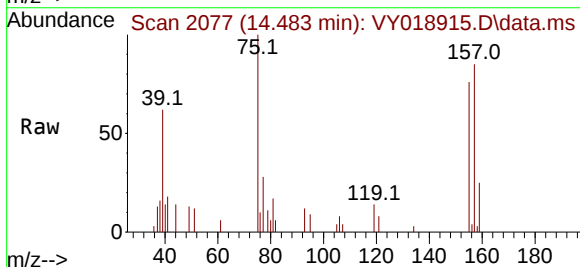
Tgt Ion: 75 Resp: 2557

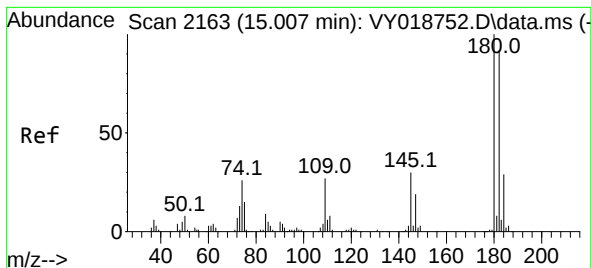
Ion Ratio Lower Upper

75 100

155 91.7 48.6 145.8

157 112.9 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 21.337 ug/l

RT: 15.154 min Scan# 21

Delta R.T. 0.146 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

Instrument :

MSVOA_Y

ClientSampleId :

VY0725SBS01

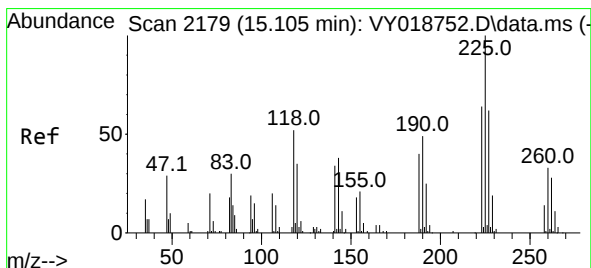
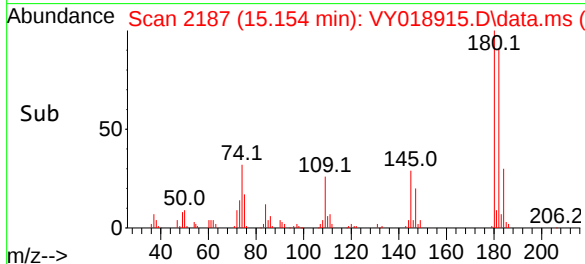
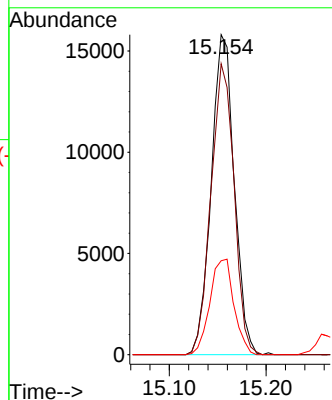
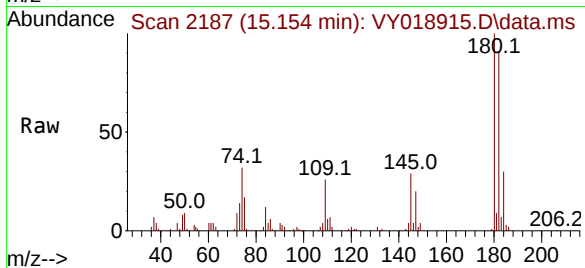
Tgt Ion:180 Resp: 26128

Ion Ratio Lower Upper

180 100

182 90.9 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 21.900 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. 0.159 min

Lab File: VY018915.D

Acq: 25 Jul 2024 14:19

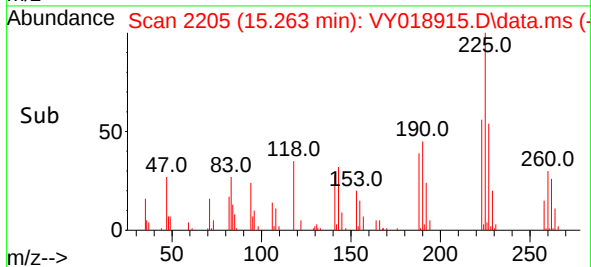
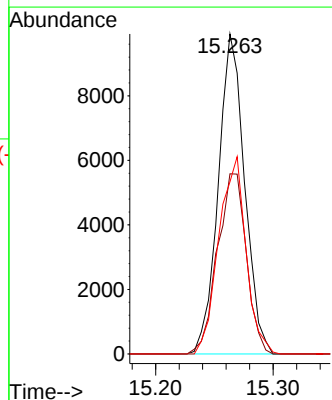
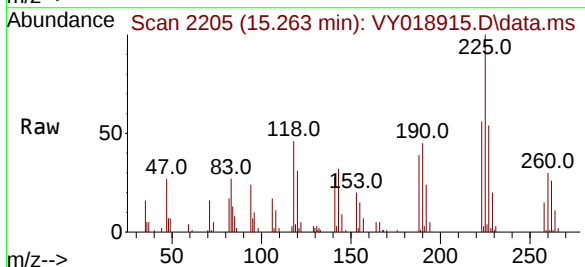
Tgt Ion:225 Resp: 15457

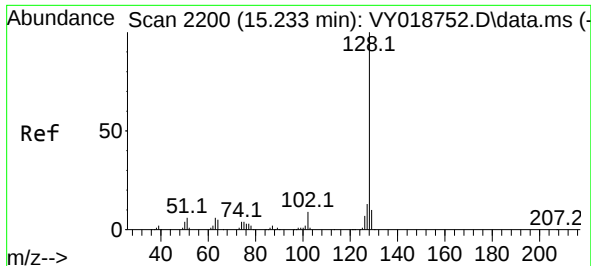
Ion Ratio Lower Upper

225 100

223 61.6 30.4 91.2

227 63.6 31.9 95.9

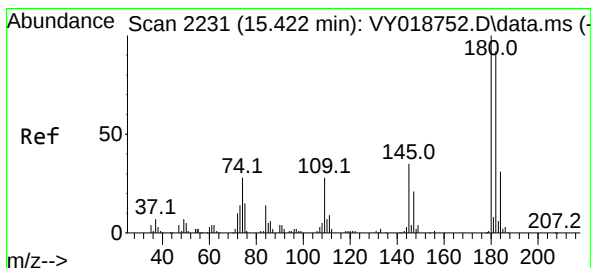
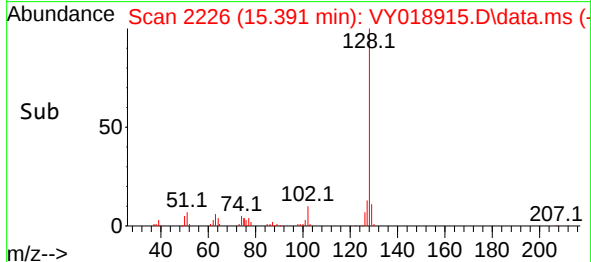
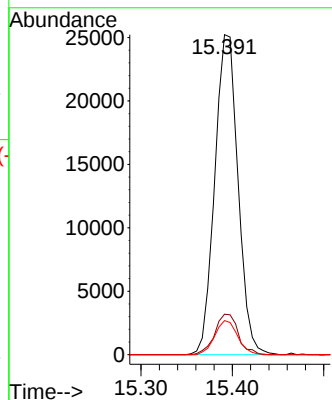
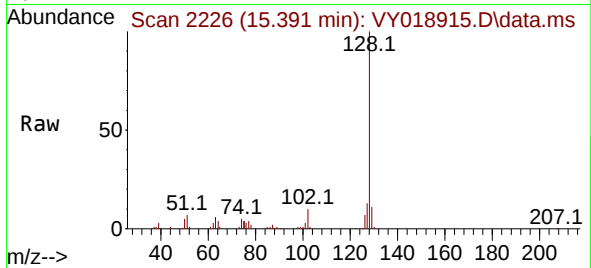




#95
Naphthalene
Concen: 21.271 ug/l
RT: 15.391 min Scan# 21
Delta R.T. 0.159 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Instrument :
MSVOA_Y
ClientSampleId :
VY0725SBS01

Tgt Ion:128 Resp: 44682
Ion Ratio Lower Upper
128 100
127 12.8 10.6 16.0
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.825 ug/l
RT: 15.586 min Scan# 2258
Delta R.T. 0.165 min
Lab File: VY018915.D
Acq: 25 Jul 2024 14:19

Tgt Ion:180 Resp: 22867
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 31.7 15.4 46.1

