

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
 Data File : VY017967.D
 Acq On : 18 Apr 2024 11:20
 Operator : SY/MD
 Sample : VY0418SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

Quant Time: Apr 19 01:59:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041624S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 17 06:24:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	431851	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	668262	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	592283	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	289779	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	171724	45.95	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.90%
35) Dibromofluoromethane	7.722	113	196593	47.68	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.36%
50) Toluene-d8	10.185	98	753682	48.18	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.36%
62) 4-Bromofluorobenzene	12.489	95	233594	48.21	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.42%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	75538	22.05	ug/l	97
3) Chloromethane	2.113	50	97153	17.11	ug/l	98
4) Vinyl Chloride	2.253	62	109914	17.18	ug/l	99
5) Bromomethane	2.649	94	76451	17.95	ug/l	99
6) Chloroethane	2.796	64	69110	17.11	ug/l	97
7) Trichlorofluoromethane	3.131	101	138155	19.16	ug/l	98
8) Diethyl Ether	3.533	74	46320	20.33	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	88589	19.73	ug/l	97
10) Methyl Iodide	4.094	142	122711	20.54	ug/l	98
11) Tert butyl alcohol	4.960	59	28272	96.75	ug/l #	97
12) 1,1-Dichloroethene	3.875	96	86325	19.80	ug/l	94
13) Acrolein	3.735	56	40629	139.59	ug/l	98
14) Allyl chloride	4.478	41	107759	19.10	ug/l	94
15) Acrylonitrile	5.167	53	97130	104.98	ug/l	99
16) Acetone	3.948	43	66376	89.89	ug/l	93
17) Carbon Disulfide	4.198	76	271626	19.59	ug/l	98
18) Methyl Acetate	4.484	43	38891	20.02	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	188216	19.81	ug/l	98
20) Methylene Chloride	4.722	84	111079	22.20	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	93844	19.65	ug/l	99
22) Diisopropyl ether	6.124	45	244483	19.77	ug/l	99
23) Vinyl Acetate	6.063	43	732156	99.83	ug/l	99
24) 1,1-Dichloroethane	6.021	63	154692	19.16	ug/l	98
25) 2-Butanone	6.990	43	109710	101.08	ug/l	89
26) 2,2-Dichloropropane	6.990	77	124037	19.15	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	107972	19.80	ug/l	99
28) Bromochloromethane	7.338	49	64053	20.17	ug/l	98
29) Tetrahydrofuran	7.356	42	72242	104.89	ug/l	97
30) Chloroform	7.514	83	162793	19.73	ug/l	97
31) Cyclohexane	7.795	56	136312	19.08	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	133063	19.36	ug/l	98
36) 1,1-Dichloropropene	7.923	75	116672	19.46	ug/l	99
37) Ethyl Acetate	7.082	43	53479	21.68	ug/l #	97
38) Carbon Tetrachloride	7.911	117	122143	20.16	ug/l	98
39) Methylcyclohexane	9.191	83	148538	19.01	ug/l	96
40) Benzene	8.167	78	374356	19.93	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	68004	43.69	ug/l #	24
42) 1,2-Dichloroethane	8.246	62	85913	19.96	ug/l	98
43) Isopropyl Acetate	8.277	43	94215	20.49	ug/l	99
44) Trichloroethene	8.947	130	96624	20.25	ug/l	96
45) 1,2-Dichloropropane	9.221	63	85250	19.72	ug/l	99
46) Dibromomethane	9.313	93	49404	20.66	ug/l	95
47) Bromodichloromethane	9.502	83	121350	20.23	ug/l	98
48) Methyl methacrylate	9.301	41	42663	20.25	ug/l	97
49) 1,4-Dioxane	9.313	88	11278	413.13	ug/l #	97
51) 4-Methyl-2-Pentanone	10.075	43	258533	106.06	ug/l	99
52) Toluene	10.252	92	233615	20.27	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	111369	20.33	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	136690	20.32	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	68714	21.14	ug/l	97
56) Ethyl methacrylate	10.520	69	86039	20.30	ug/l	98
57) 1,3-Dichloropropane	10.800	76	114932	20.88	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.788	63	220142	99.93	ug/l	100
59) 2-Hexanone	10.843	43	177702	106.79	ug/l	99
60) Dibromochloromethane	10.989	129	87529	20.95	ug/l	99
61) 1,2-Dibromoethane	11.099	107	64419	21.26	ug/l	99
64) Tetrachloroethene	10.727	164	86363	20.36	ug/l	98
65) Chlorobenzene	11.526	112	261802	20.17	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	86822	20.28	ug/l	98
67) Ethyl Benzene	11.599	91	429582	19.65	ug/l	99
68) m/p-Xylenes	11.709	106	335317	39.94	ug/l	99
69) o-Xylene	12.038	106	155439	19.83	ug/l	99
70) Styrene	12.050	104	269425	20.33	ug/l	98
71) Bromoform	12.215	173	53216	21.52	ug/l #	95
73) Isopropylbenzene	12.337	105	404228	19.14	ug/l	98
74) N-amyl acetate	12.154	43	81707	19.17	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	78749	20.00	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	94276	34.67	ug/l #	100
77) Bromobenzene	12.617	156	101448	19.85	ug/l	96
78) n-propylbenzene	12.678	91	490580	19.15	ug/l	99
79) 2-Chlorotoluene	12.764	91	276662	19.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	324603	19.39	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	25967	19.69	ug/l	98
82) 4-Chlorotoluene	12.861	91	281263	18.94	ug/l	96
83) tert-Butylbenzene	13.087	119	298999	19.55	ug/l	96
84) 1,2,4-Trimethylbenzene	13.129	105	325244	19.51	ug/l	100
85) sec-Butylbenzene	13.263	105	437837	19.06	ug/l	98
86) p-Isopropyltoluene	13.379	119	361384	19.15	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	197129	19.44	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	194220	19.51	ug/l	100
89) n-Butylbenzene	13.702	91	330199	18.60	ug/l	99
90) Hexachloroethane	13.971	117	74213	19.18	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	172736	19.75	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9986	19.71	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	98902	19.42	ug/l	99
94) Hexachlorobutadiene	15.123	225	57178	18.92	ug/l	98
95) Naphthalene	15.245	128	164282	19.57	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	84876	19.86	ug/l	98

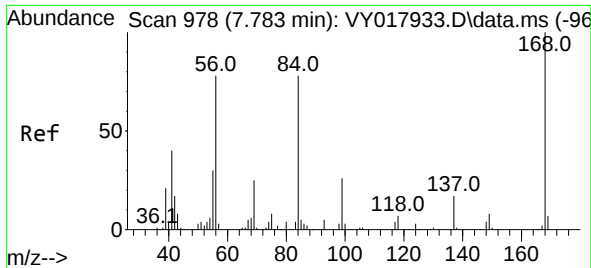
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041824\
Data File : VY017967.D
Acq On : 18 Apr 2024 11:20
Operator : SY/MD
Sample : VY0418SBSD01
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Response via : Initial Calibration

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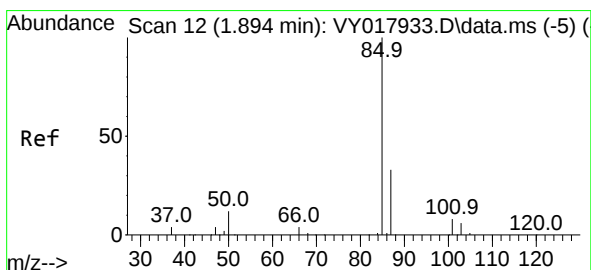
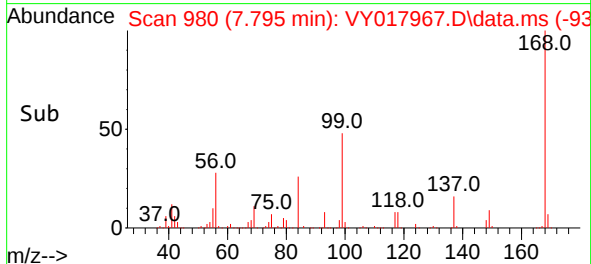
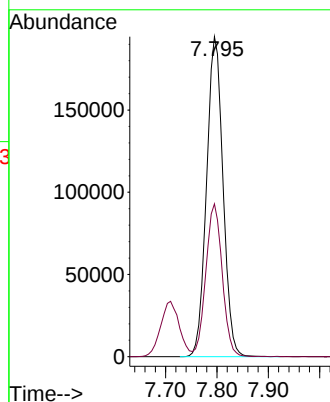
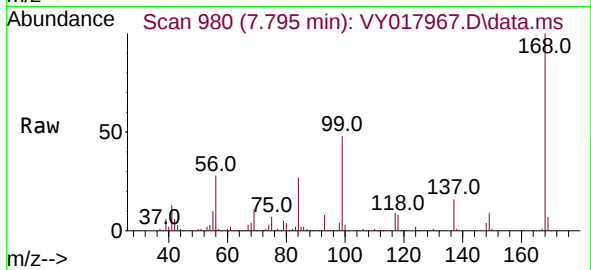
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

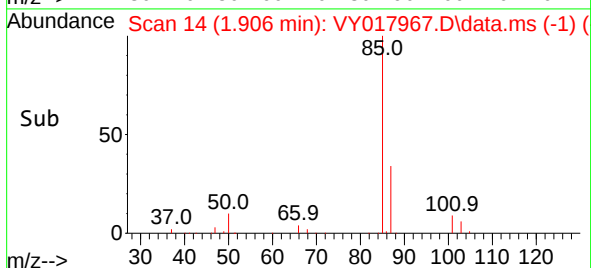
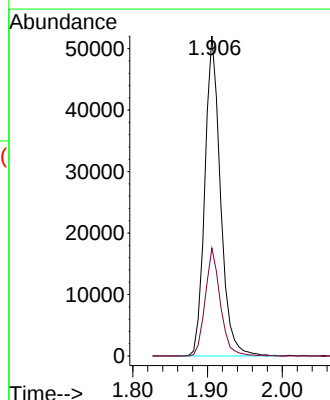
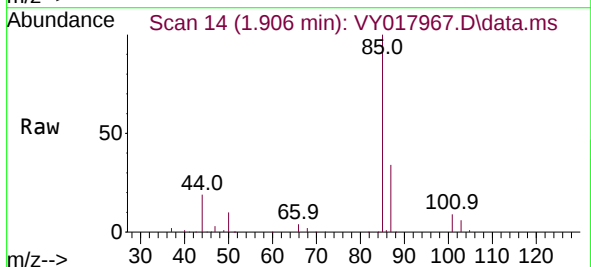
Instrument :
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ClientSampleId :
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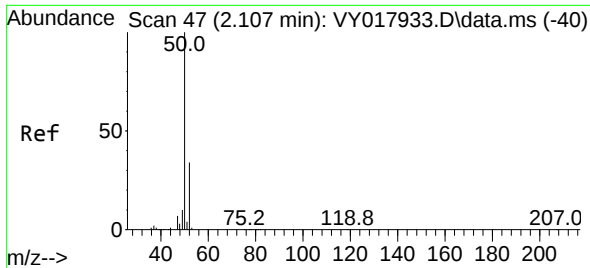
Tgt Ion:168 Resp: 431851
Ion Ratio Lower Upper
168 100
99 47.7 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.05 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 85 Resp: 75538
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0

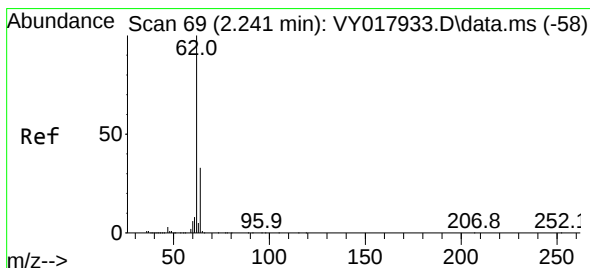
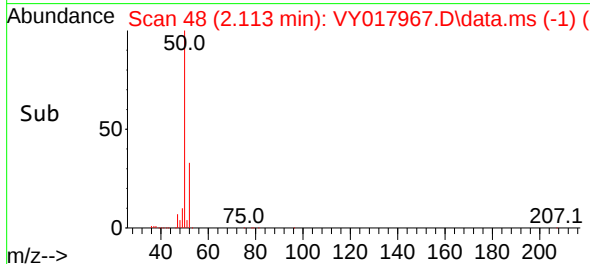
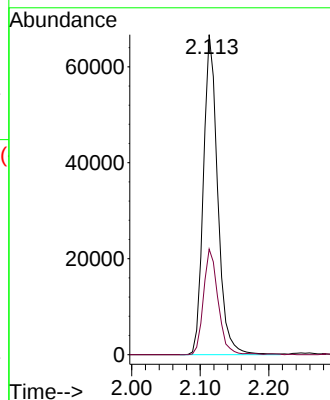
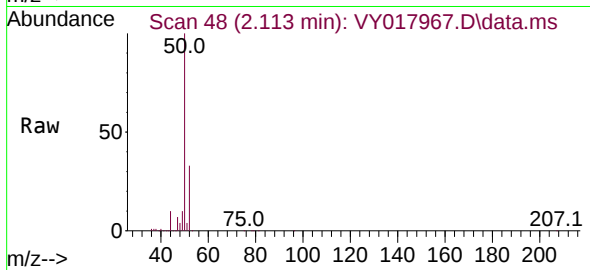




#3
Chloromethane
Concen: 17.11 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

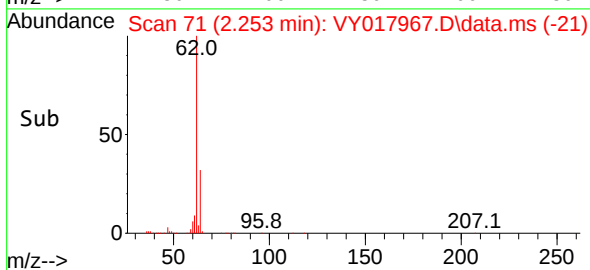
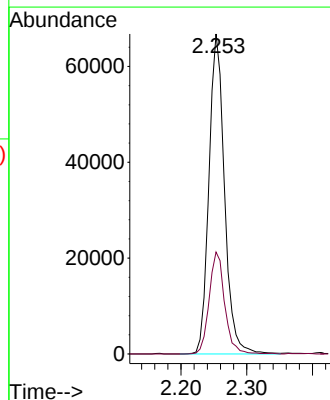
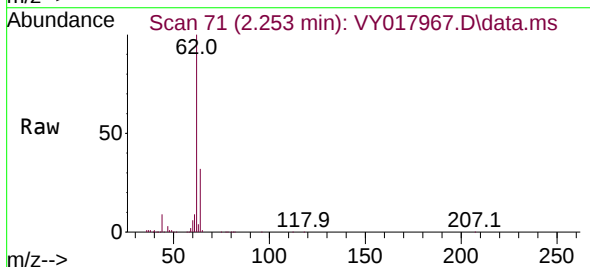
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

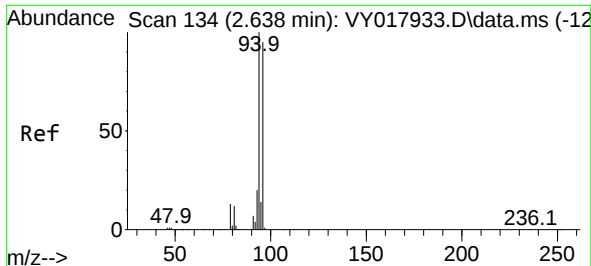
Tgt Ion: 50 Resp: 97153
Ion Ratio Lower Upper
50 100
52 33.0 25.6 38.4



#4
Vinyl Chloride
Concen: 17.18 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 62 Resp: 109914
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1

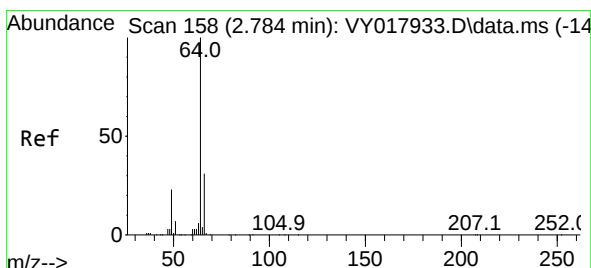
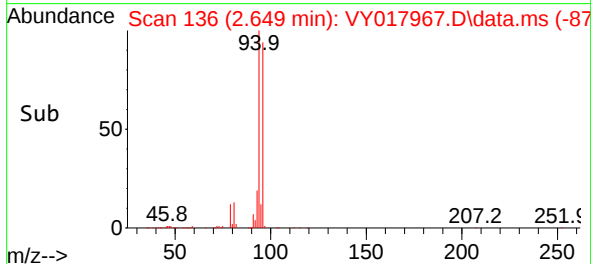
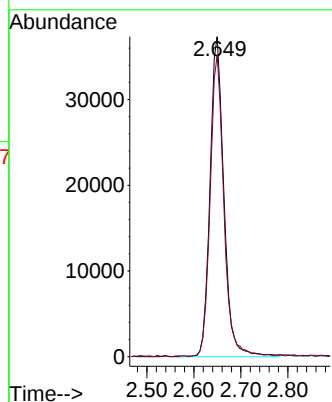
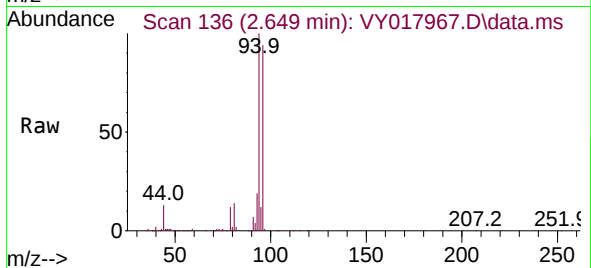




#5
Bromomethane
Concen: 17.95 ug/l
RT: 2.649 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

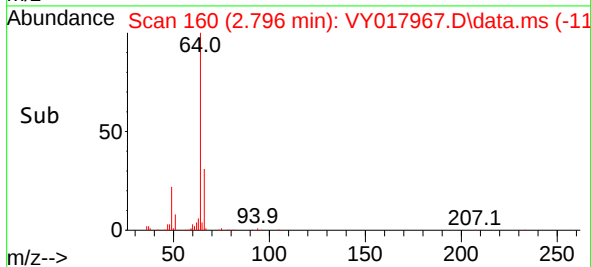
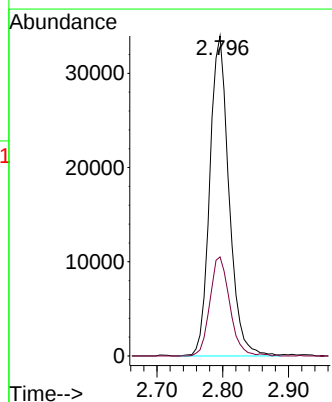
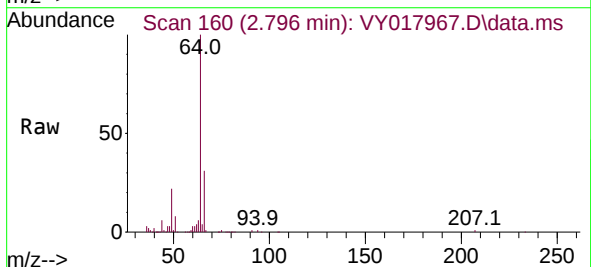
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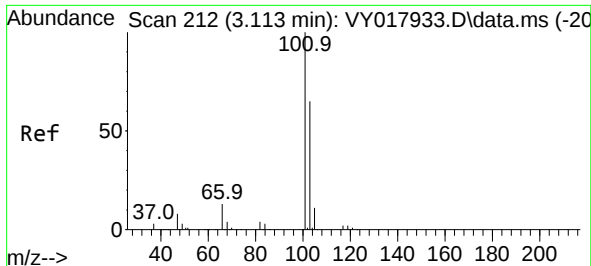
Tgt Ion: 94 Resp: 76451
Ion Ratio Lower Upper
94 100
96 93.9 74.1 111.1



#6
Chloroethane
Concen: 17.11 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 64 Resp: 69110
Ion Ratio Lower Upper
64 100
66 30.9 26.1 39.1

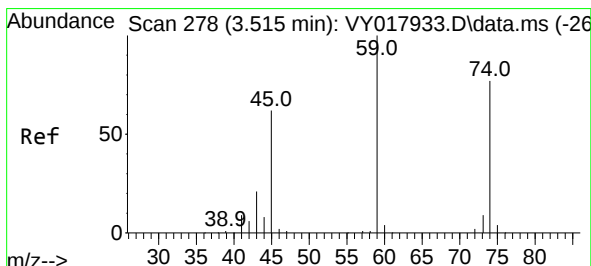
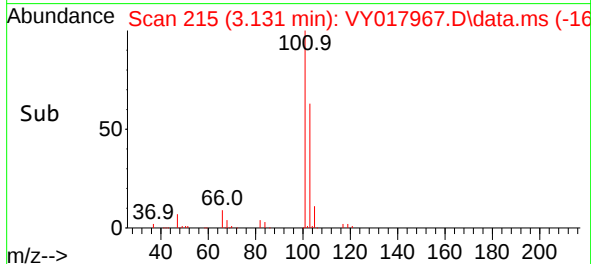
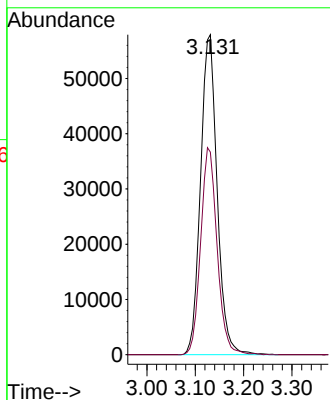
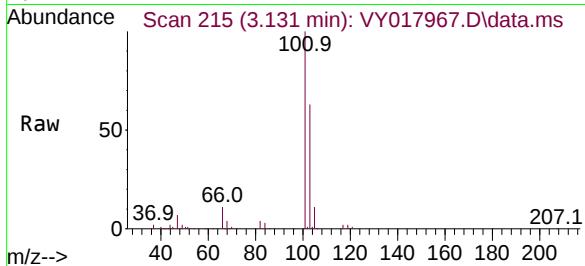




#7
 Trichlorofluoromethane
 Concen: 19.16 ug/l
 RT: 3.131 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

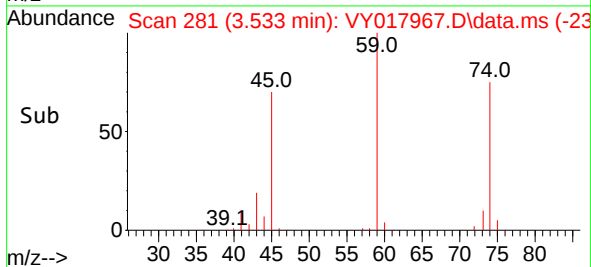
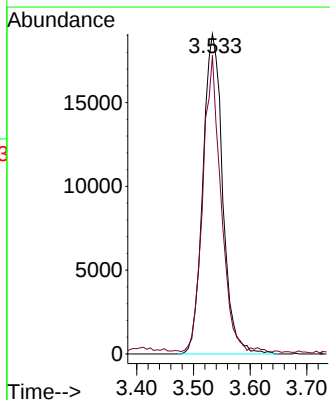
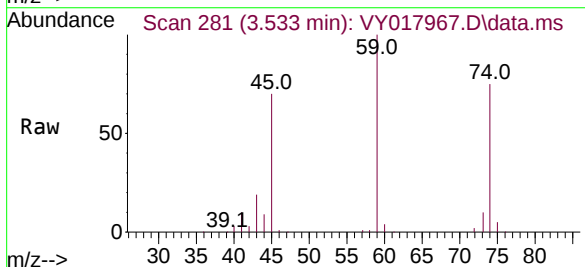
Instrument :
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 ClientSampleId :
 VY0418SBS01

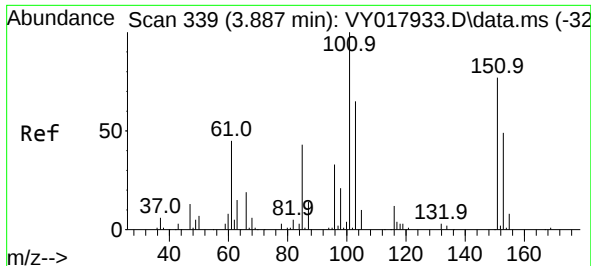
Tgt Ion:101 Resp: 138155
 Ion Ratio Lower Upper
 101 100
 103 63.3 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.33 ug/l
 RT: 3.533 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

Tgt Ion: 74 Resp: 46320
 Ion Ratio Lower Upper
 74 100
 45 84.2 41.3 124.1

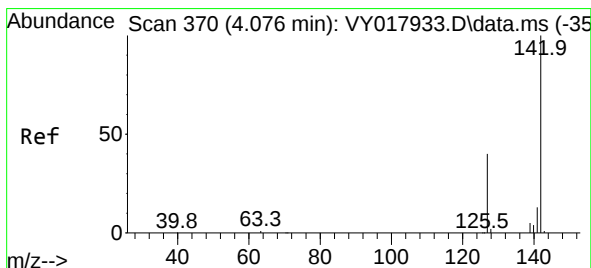
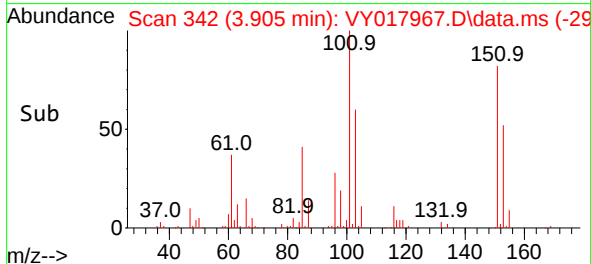
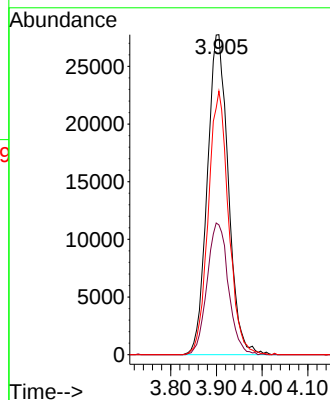
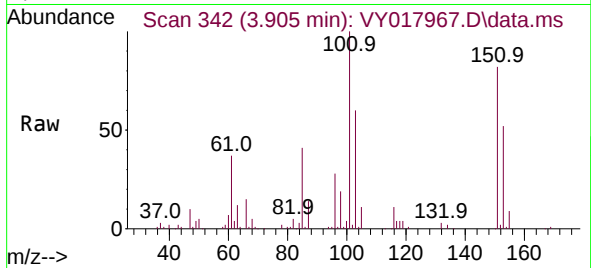




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.73 ug/l
RT: 3.905 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

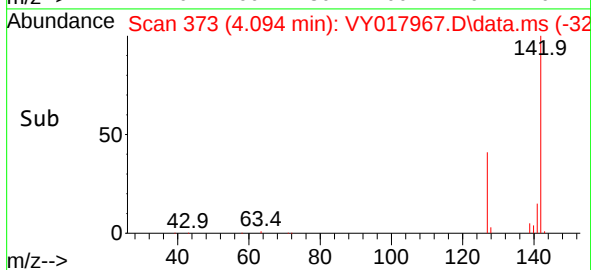
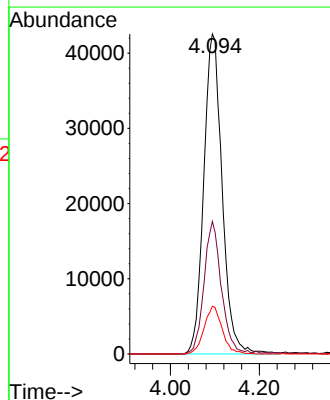
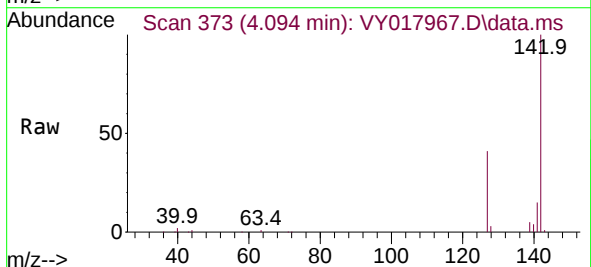
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

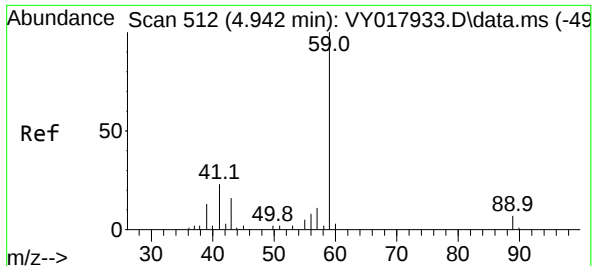
Tgt Ion:101 Resp: 88589
Ion Ratio Lower Upper
101 100
85 41.7 34.5 51.7
151 79.6 61.7 92.5



#10
Methyl Iodide
Concen: 20.54 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion:142 Resp: 122711
Ion Ratio Lower Upper
142 100
127 39.1 32.8 49.2
141 14.6 11.4 17.2

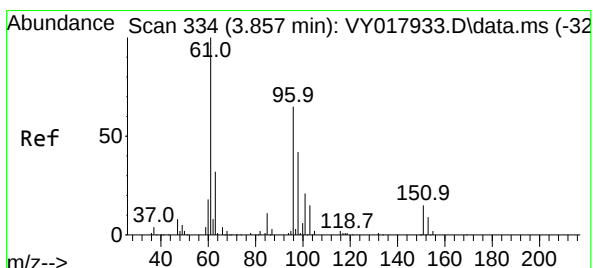
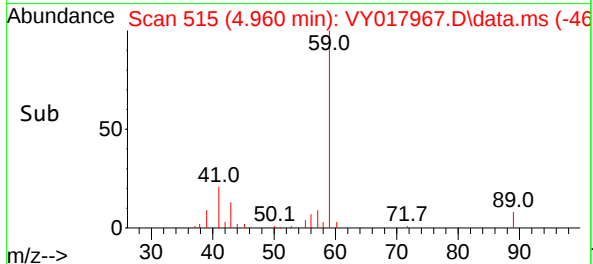
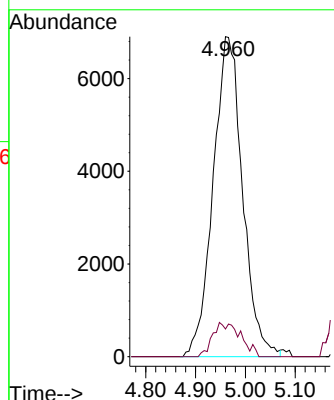
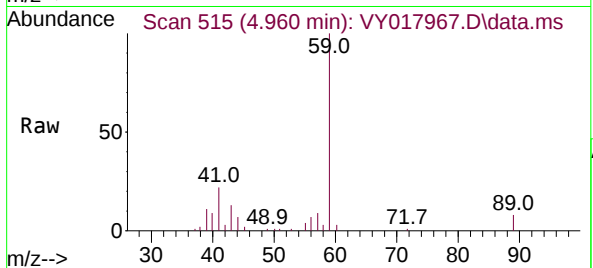




#11
Tert butyl alcohol
Concen: 96.75 ug/l
RT: 4.960 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

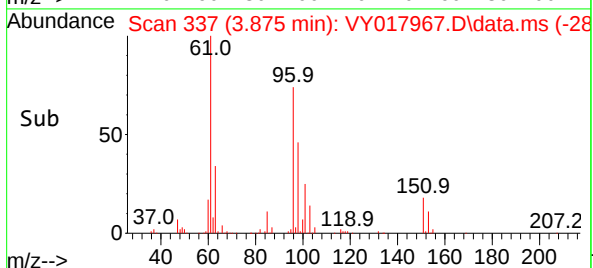
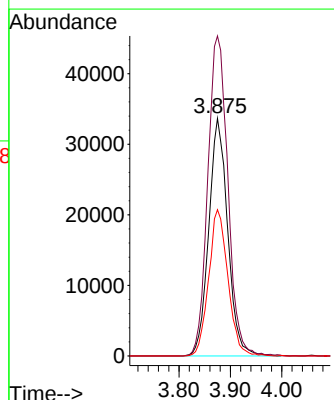
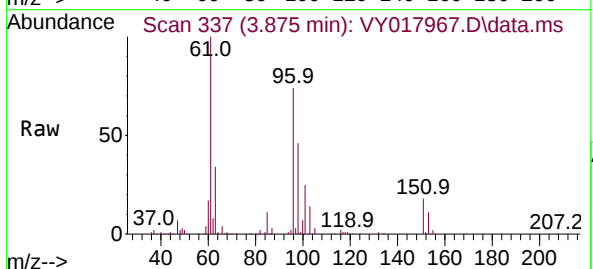
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

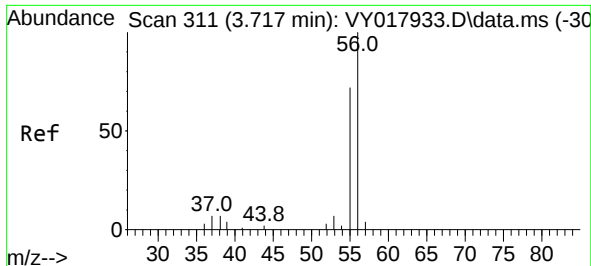
Tgt Ion: 59 Resp: 28272
Ion Ratio Lower Upper
59 100
57 4.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.80 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 96 Resp: 86325
Ion Ratio Lower Upper
96 100
61 134.7 114.6 171.8
98 61.5 50.8 76.2





#13

Acrolein

Concen: 139.59 ug/l

RT: 3.735 min Scan# 311

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

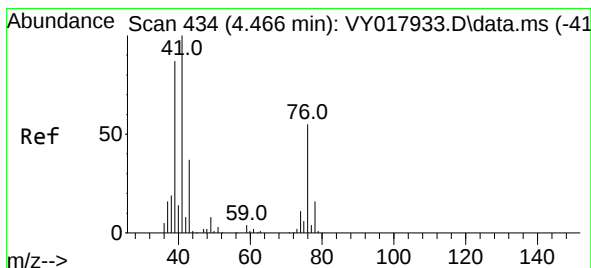
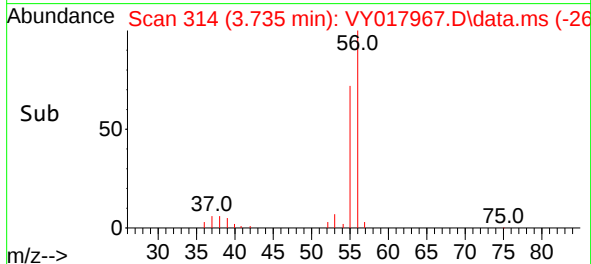
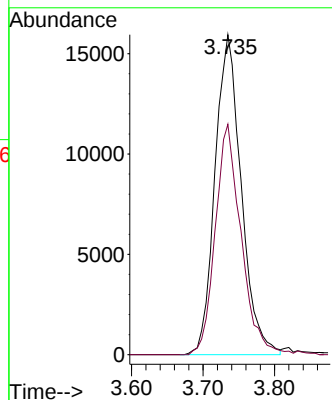
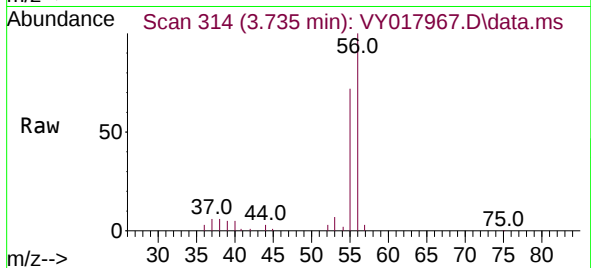
VY0418SBS01

Tgt Ion: 56 Resp: 40629

Ion Ratio Lower Upper

56 100

55 70.9 55.7 83.5



#14

Allyl chloride

Concen: 19.10 ug/l

RT: 4.478 min Scan# 436

Delta R.T. -0.000 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

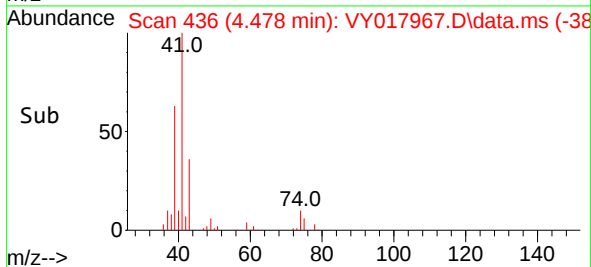
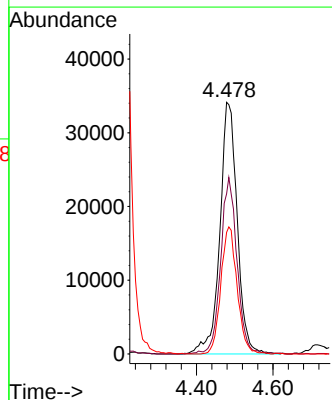
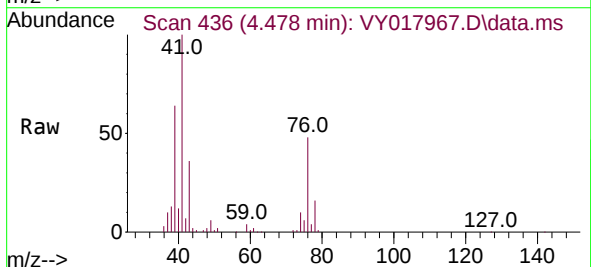
Tgt Ion: 41 Resp: 107759

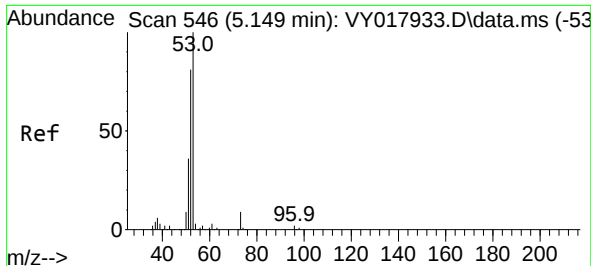
Ion Ratio Lower Upper

41 100

39 66.0 58.3 87.5

76 47.3 39.0 58.6

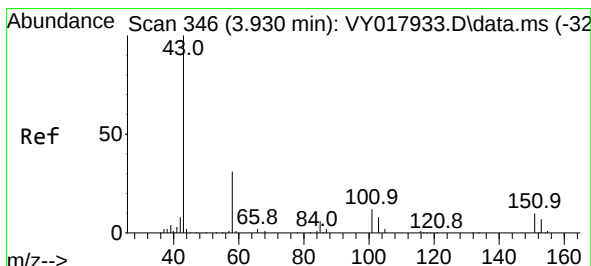
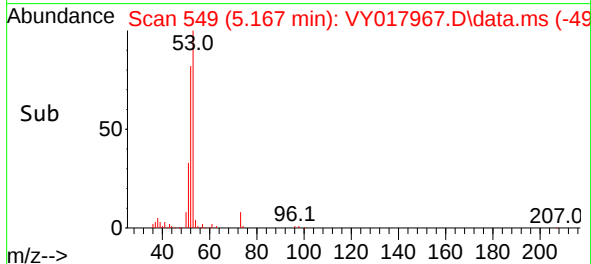
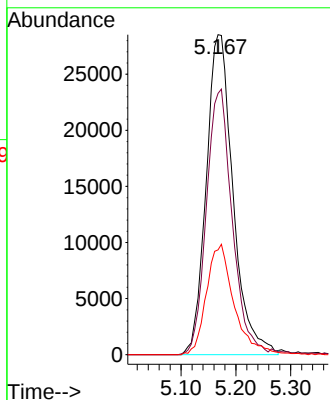
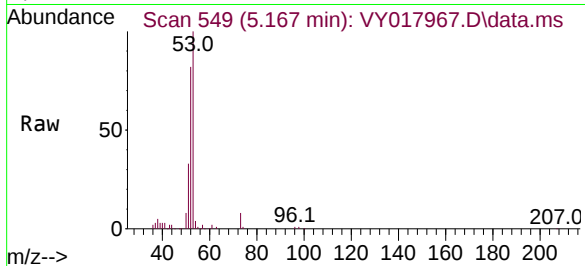




#15
Acrylonitrile
Concen: 104.98 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

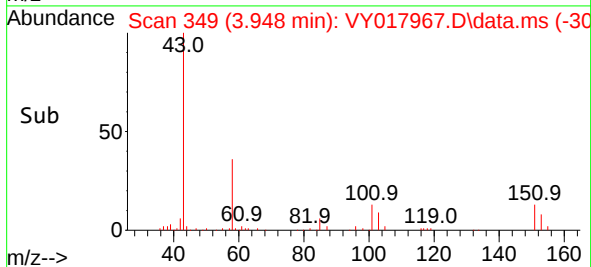
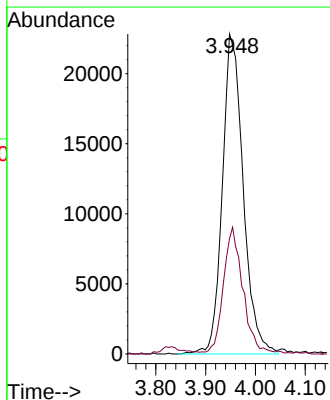
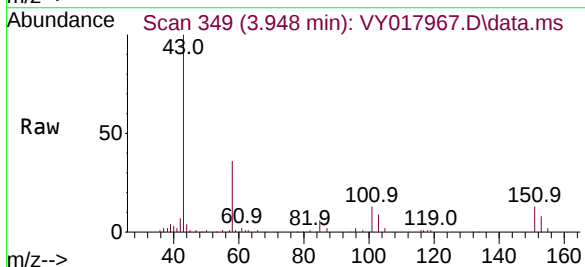
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

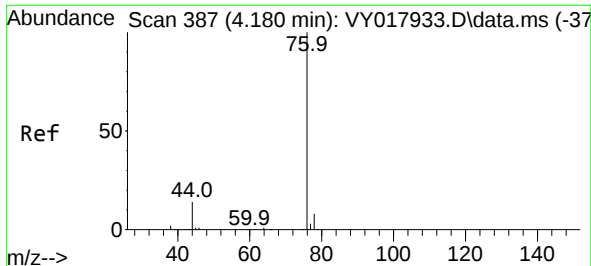
Tgt Ion: 53 Resp: 97130
Ion Ratio Lower Upper
53 100
52 79.6 64.7 97.1
51 35.5 28.4 42.6



#16
Acetone
Concen: 89.89 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 43 Resp: 66376
Ion Ratio Lower Upper
43 100
58 35.2 31.7 47.5

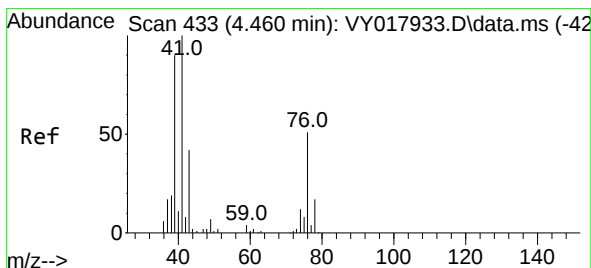
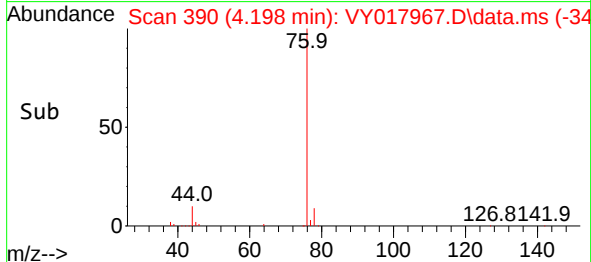
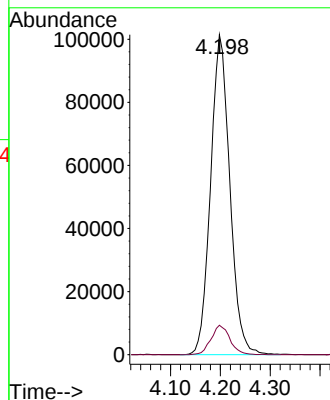
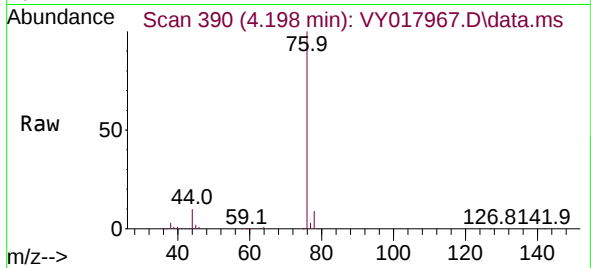




#17
Carbon Disulfide
Concen: 19.59 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

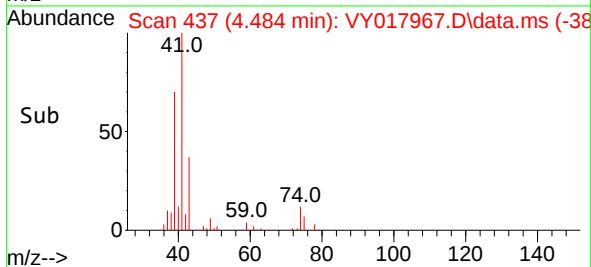
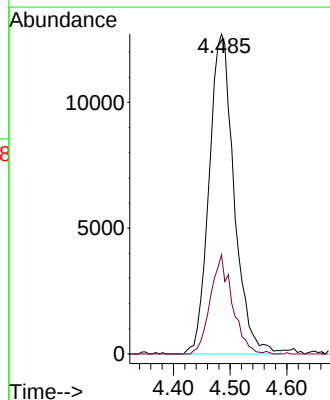
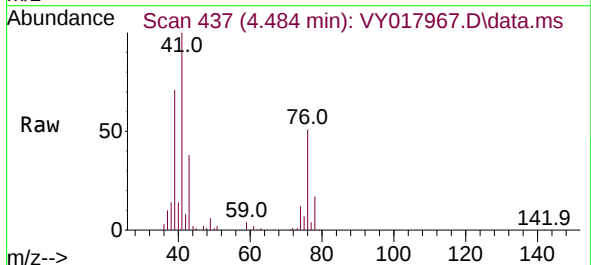
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

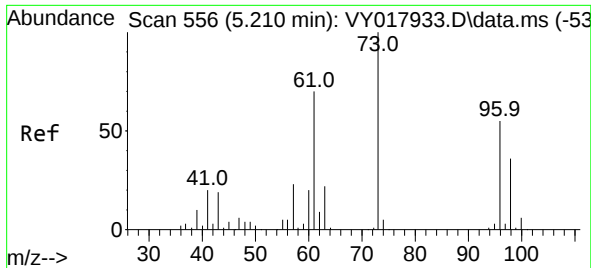
Tgt Ion: 76 Resp: 271626
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.02 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 43 Resp: 38891
Ion Ratio Lower Upper
43 100
74 27.4 23.3 34.9

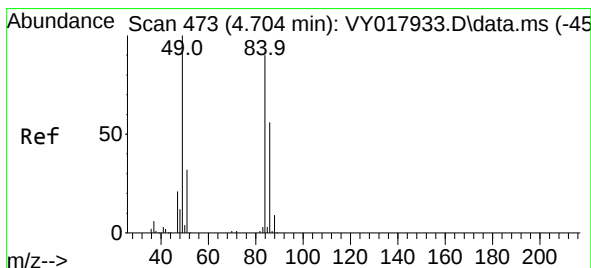
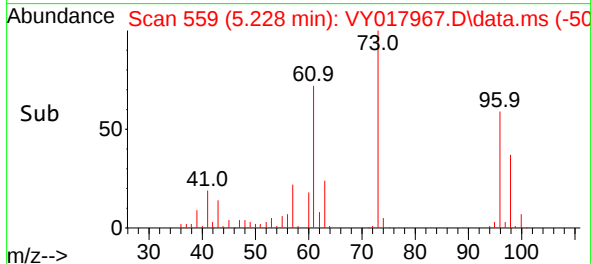
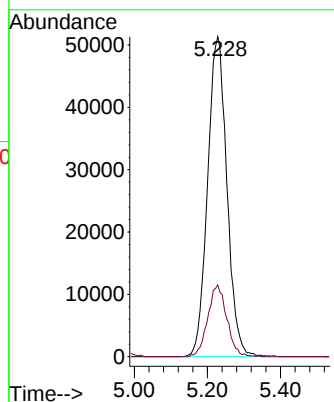
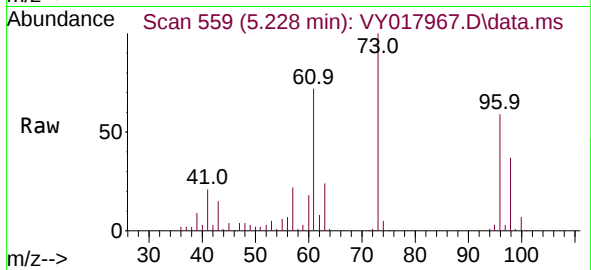




#19
Methyl tert-butyl Ether
Concen: 19.81 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

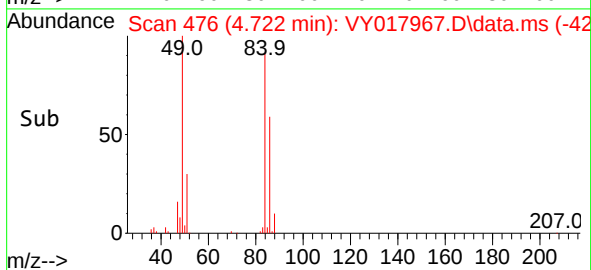
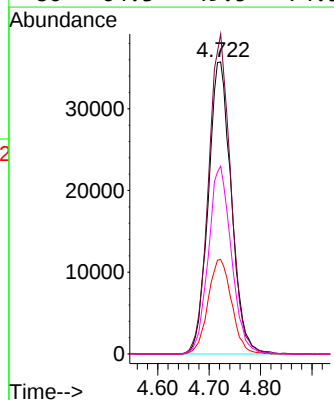
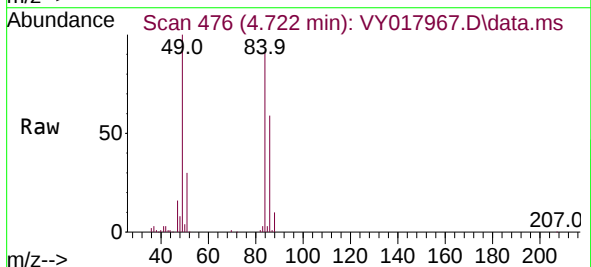
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

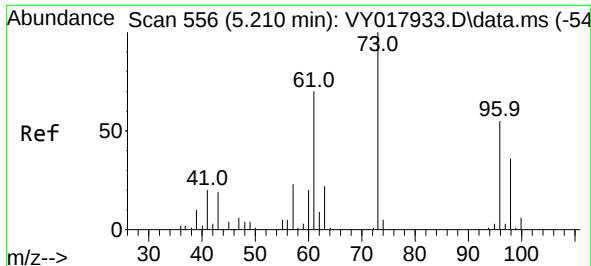
Tgt Ion: 73 Resp: 188216
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 22.20 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 84 Resp: 111079
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 32.4 26.0 39.0
86 64.3 49.5 74.3

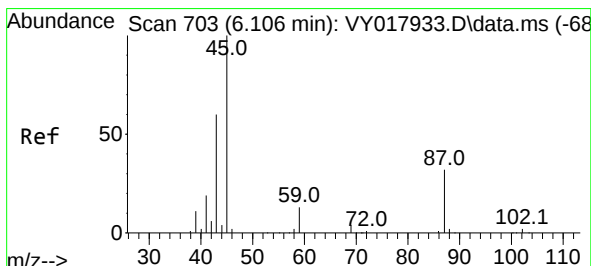
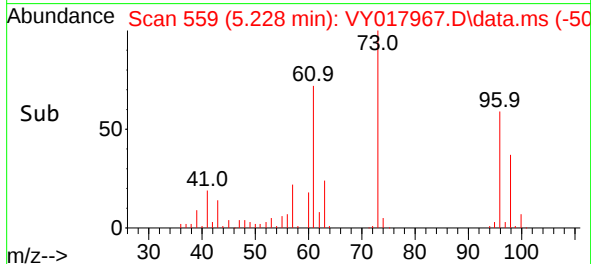
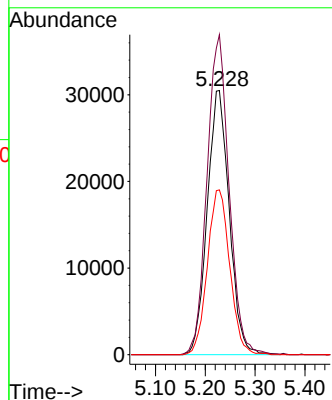
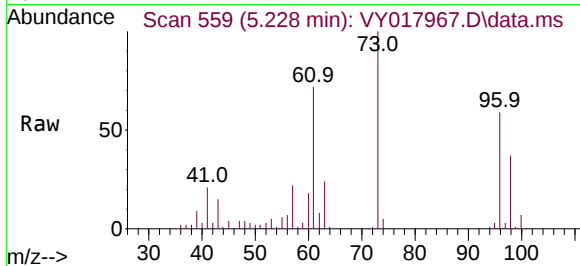




#21
trans-1,2-Dichloroethene
Concen: 19.65 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

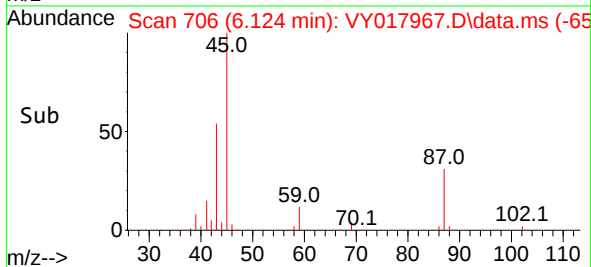
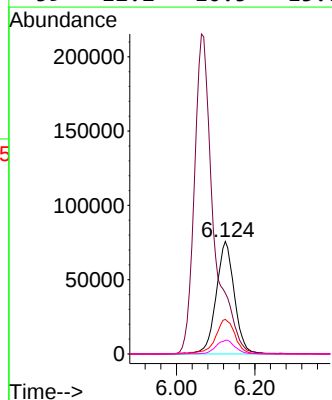
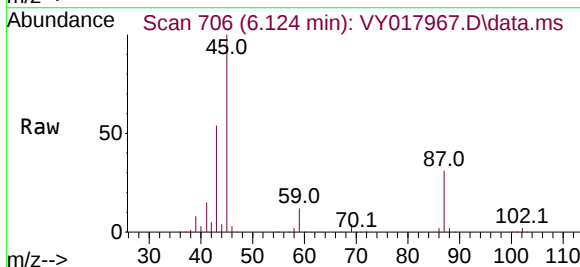
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

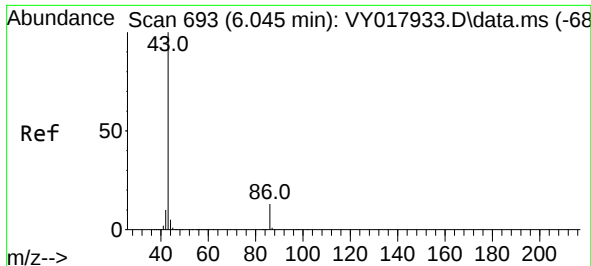
Tgt Ion: 96 Resp: 93844
Ion Ratio Lower Upper
96 100
61 121.1 97.5 146.3
98 62.4 50.5 75.7



#22
Diisopropyl ether
Concen: 19.77 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 45 Resp: 244483
Ion Ratio Lower Upper
45 100
43 53.4 42.2 63.2
87 30.7 25.0 37.6
59 12.2 10.5 15.7

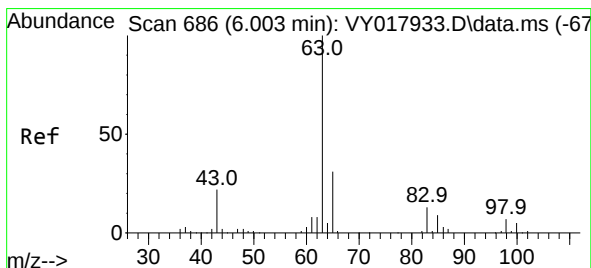
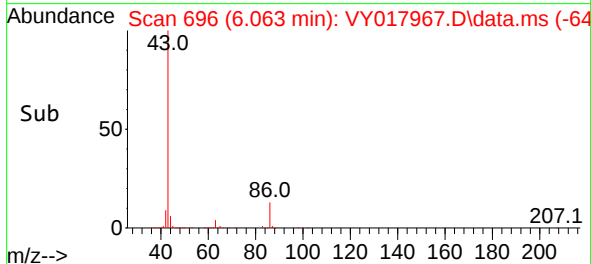
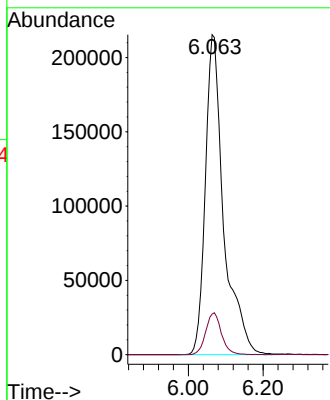
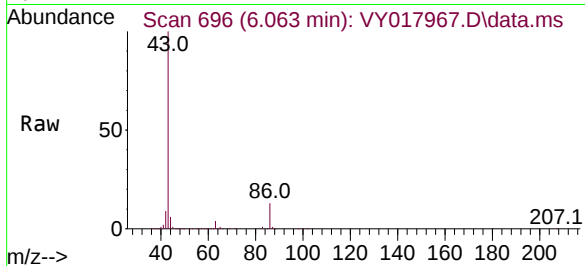




#23
 Vinyl Acetate
 Concen: 99.83 ug/l
 RT: 6.063 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

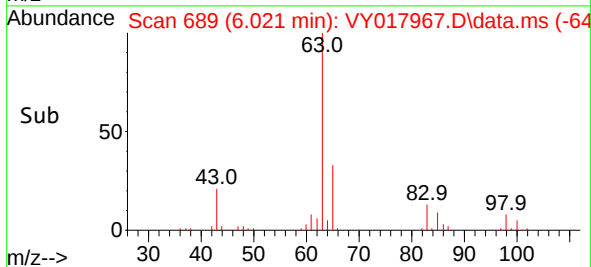
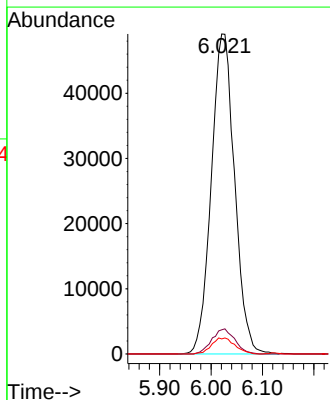
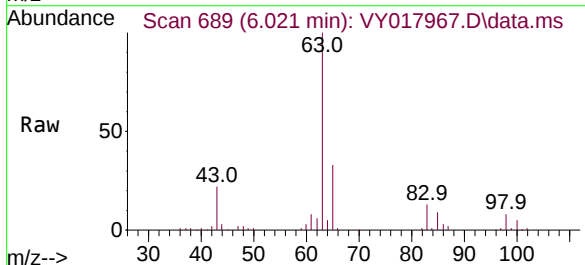
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

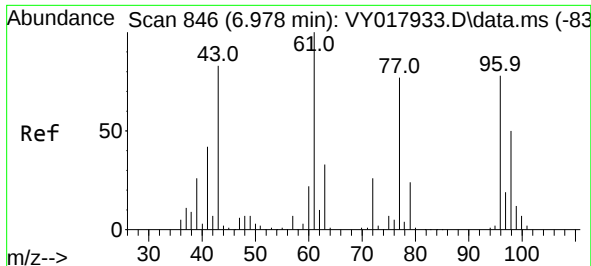
Tgt Ion: 43 Resp: 732156
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.16 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

Tgt Ion: 63 Resp: 154692
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.0 12.2
 100 4.7 2.6 8.0

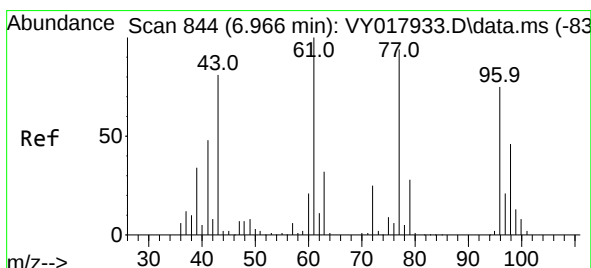
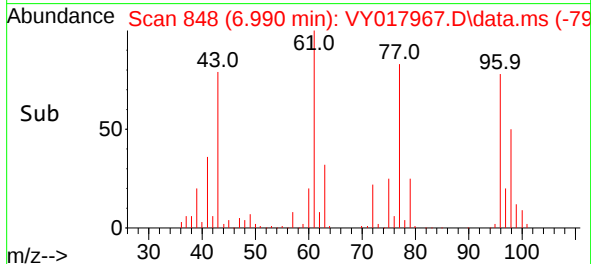
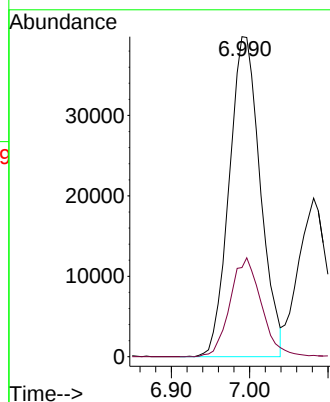
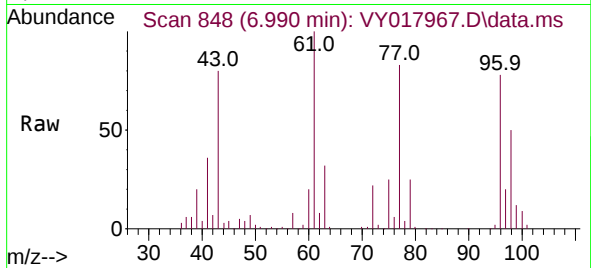




#25
2-Butanone
Concen: 101.08 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

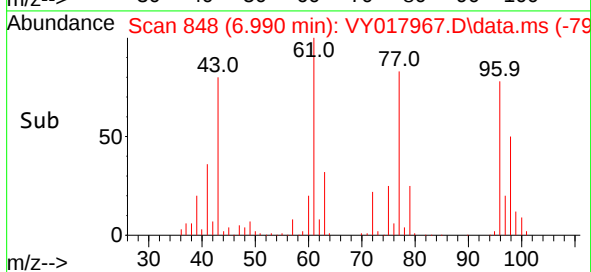
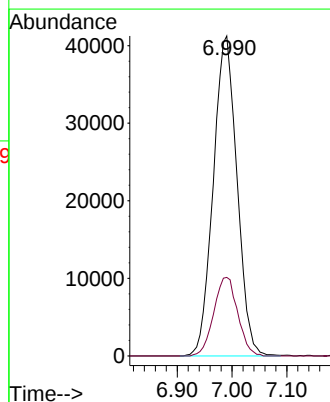
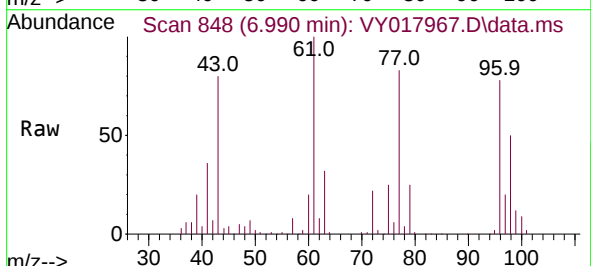
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

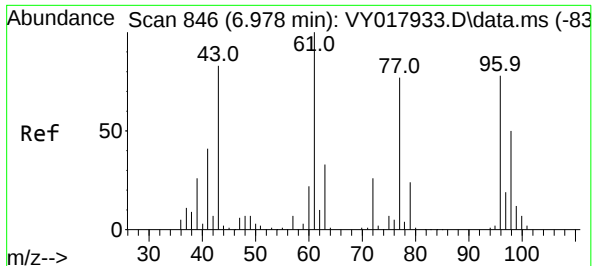
Tgt Ion: 43 Resp: 109710
Ion Ratio Lower Upper
43 100
72 27.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 19.15 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 77 Resp: 124037
Ion Ratio Lower Upper
77 100
97 24.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 19.80 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

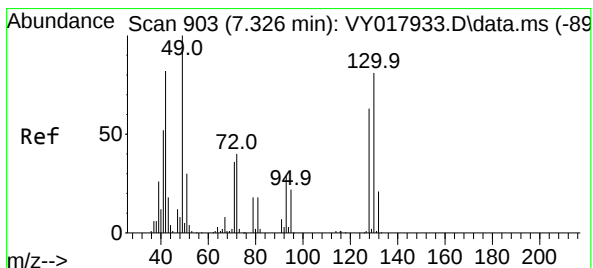
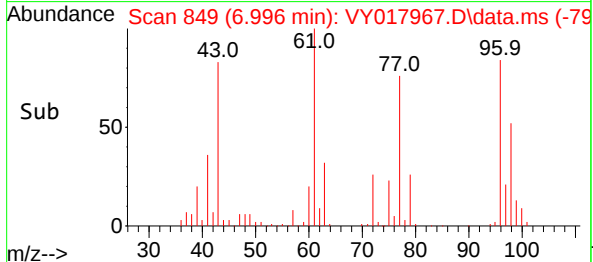
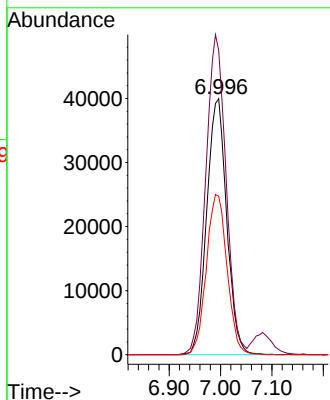
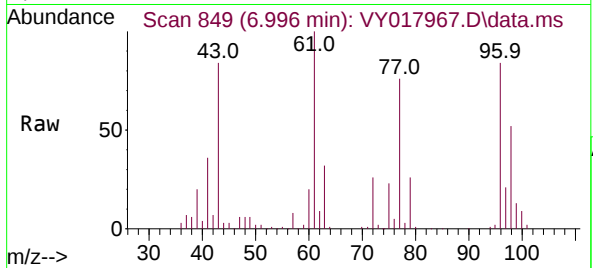
Tgt Ion: 96 Resp: 107972

Ion Ratio Lower Upper

96 100

61 127.0 0.0 256.2

98 64.6 0.0 130.0



#28

Bromochloromethane

Concen: 20.17 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

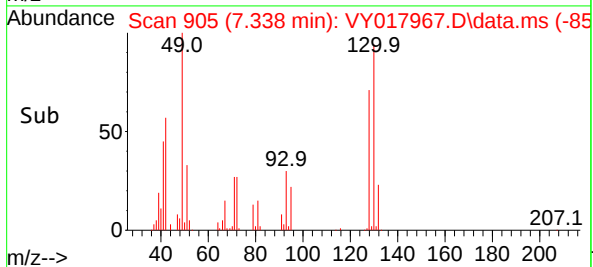
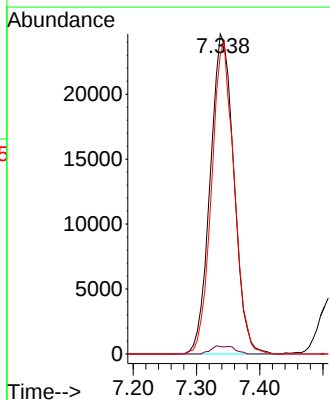
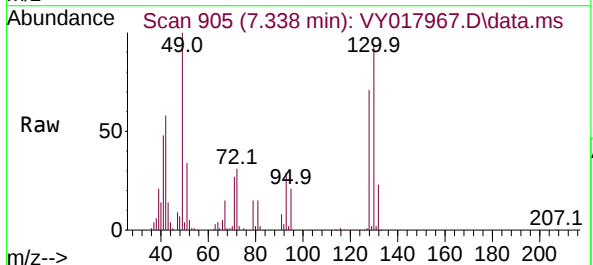
Tgt Ion: 49 Resp: 64053

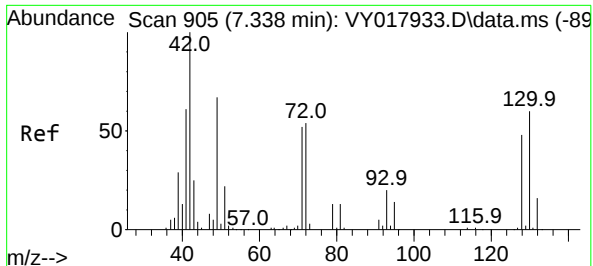
Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.6

130 92.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 104.89 ug/l

RT: 7.356 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

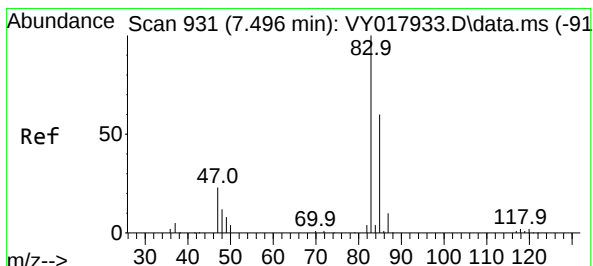
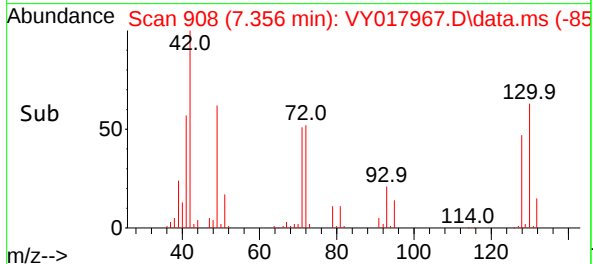
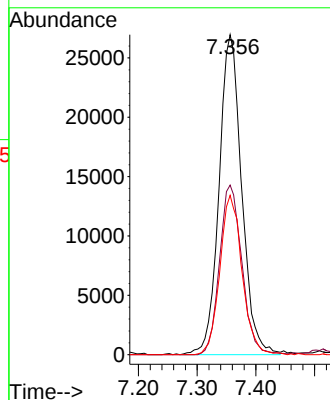
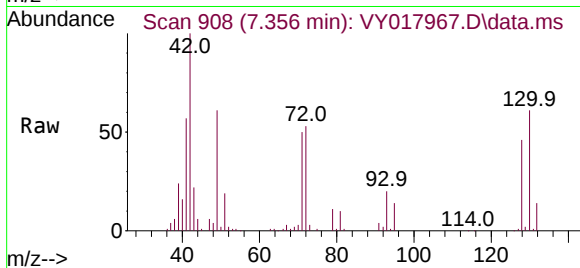
Tgt Ion: 42 Resp: 72242

Ion Ratio Lower Upper

42 100

72 52.3 43.0 64.4

71 48.8 40.8 61.2



#30

Chloroform

Concen: 19.73 ug/l

RT: 7.514 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017967.D

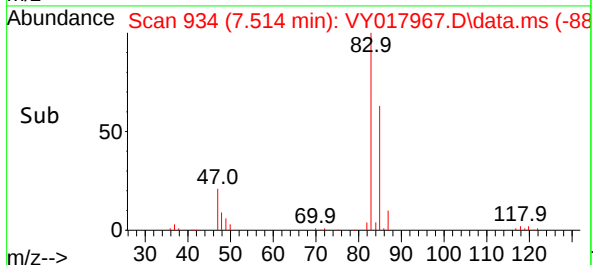
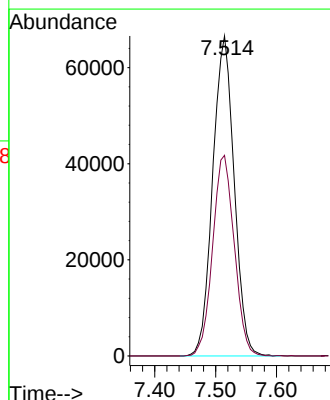
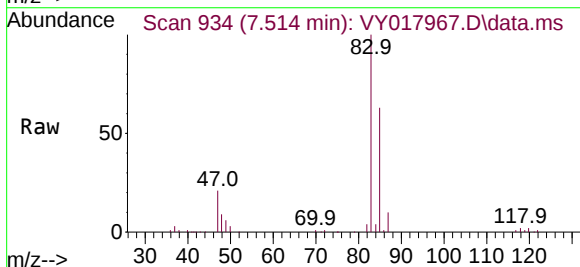
Acq: 18 Apr 2024 11:20

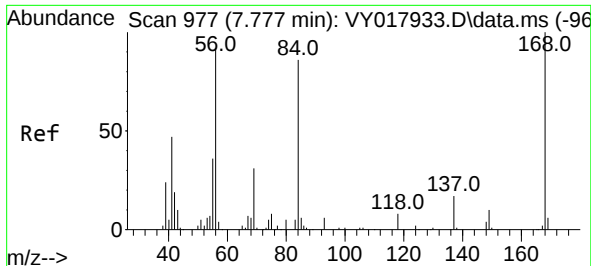
Tgt Ion: 83 Resp: 162793

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

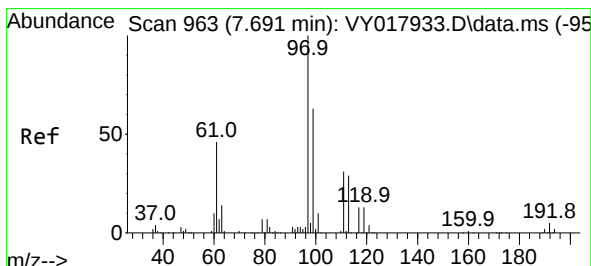
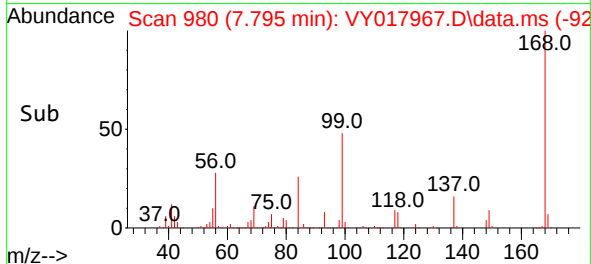
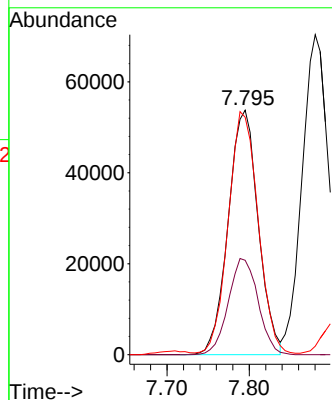
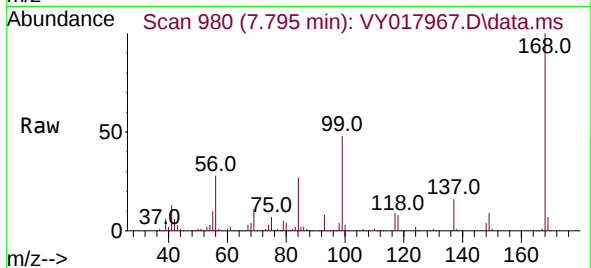




#31
Cyclohexane
Concen: 19.08 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

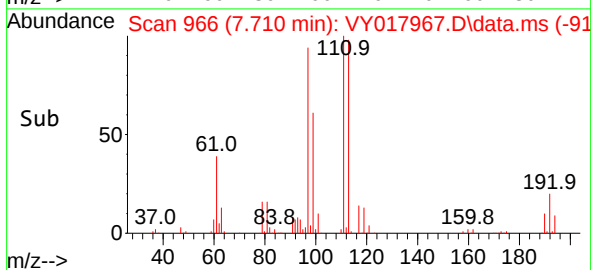
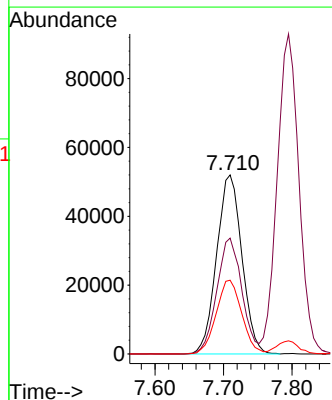
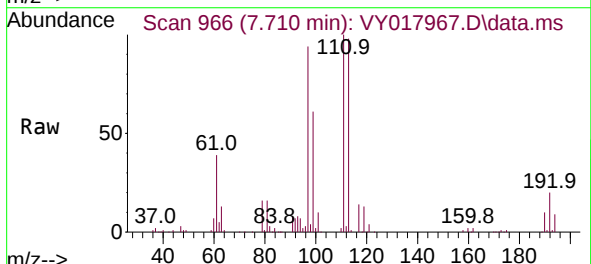
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

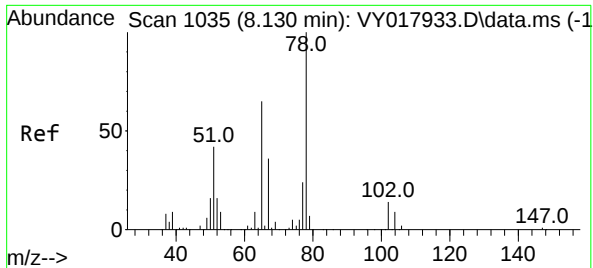
Tgt Ion: 56 Resp: 136312
Ion Ratio Lower Upper
56 100
69 38.6 28.7 43.1
84 96.0 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.36 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 97 Resp: 133063
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 41.6 32.6 48.8

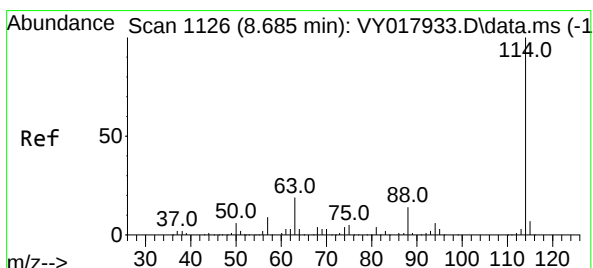
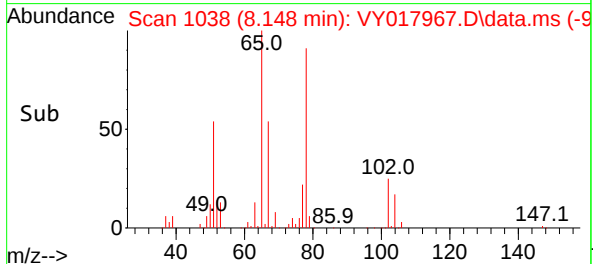
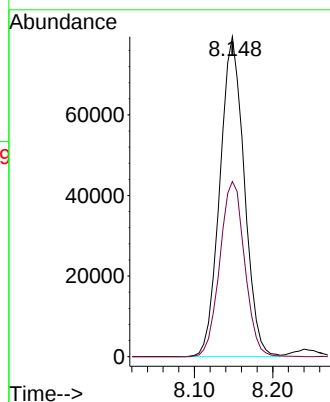
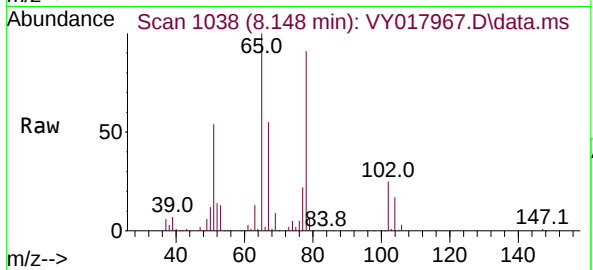




#33
1,2-Dichloroethane-d4
Concen: 45.95 ug/l
RT: 8.148 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

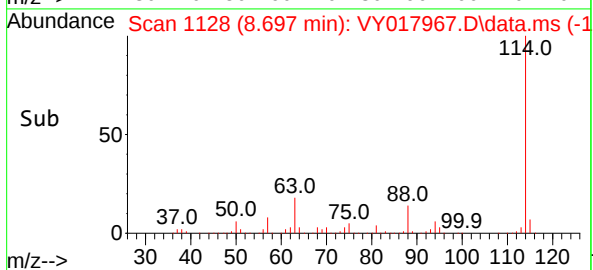
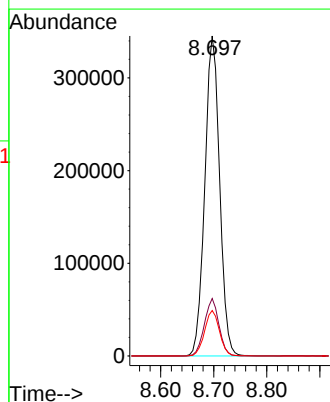
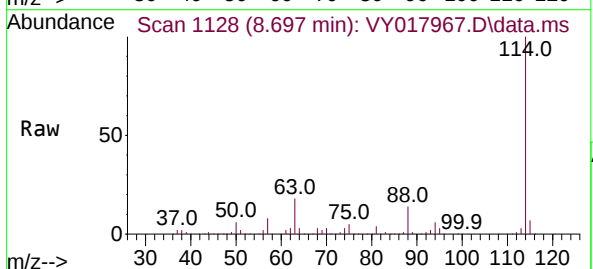
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

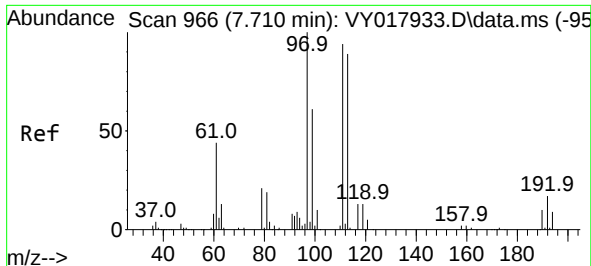
Tgt Ion: 65 Resp: 171724
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 114 Resp: 668262
Ion Ratio Lower Upper
114 100
63 18.0 0.0 35.0
88 14.2 0.0 27.2

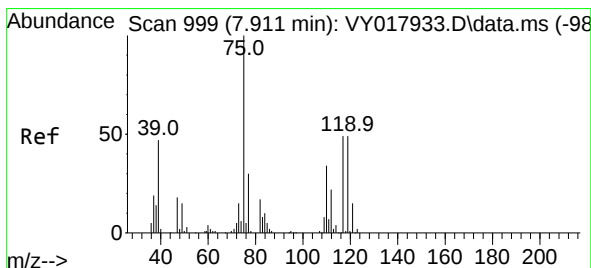
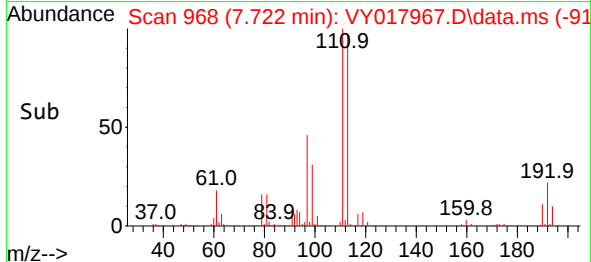
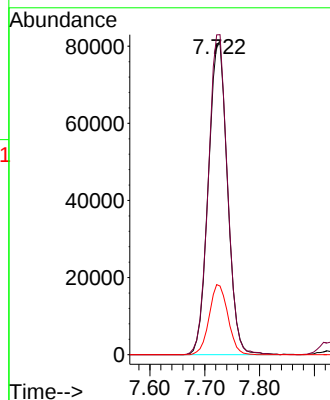
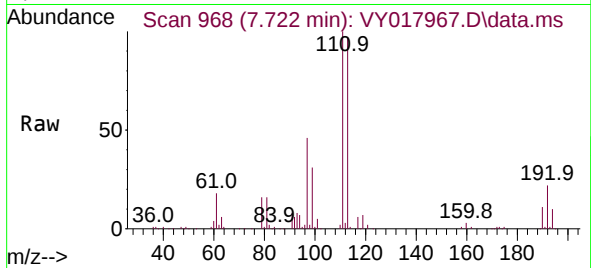




#35
Dibromofluoromethane
Concen: 47.68 ug/l
RT: 7.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

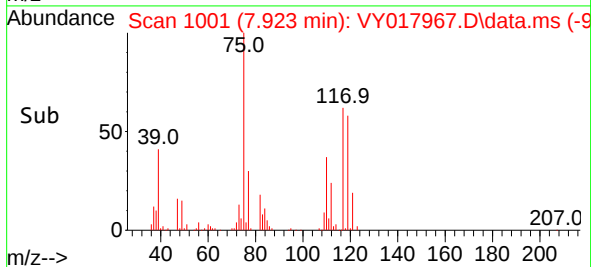
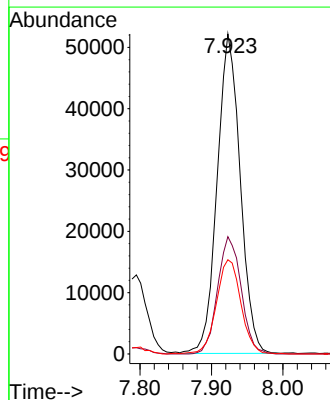
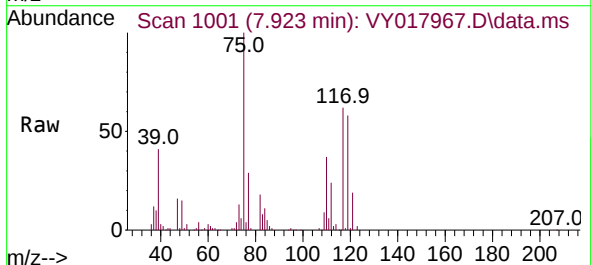
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

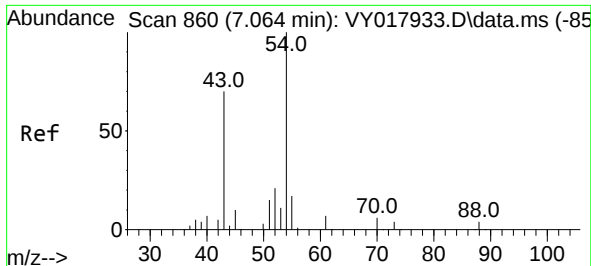
Tgt Ion:113 Resp: 196593
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 21.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.46 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 75 Resp: 116672
Ion Ratio Lower Upper
75 100
110 37.3 19.0 57.0
77 31.4 25.3 37.9





#37

Ethyl Acetate

Concen: 21.68 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

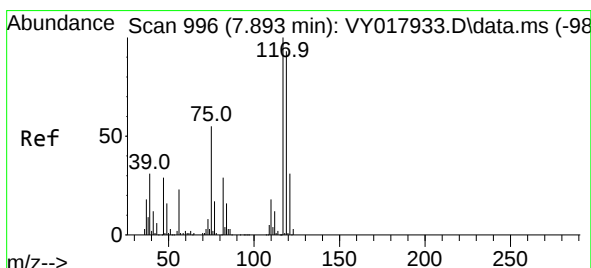
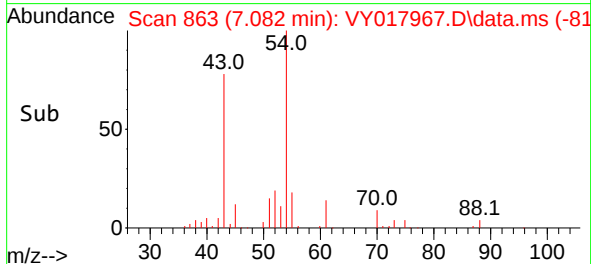
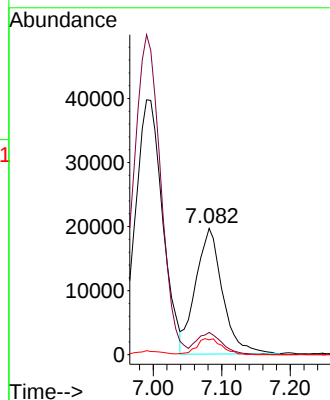
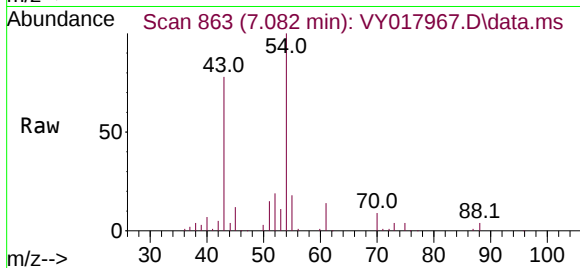
Tgt Ion: 43 Resp: 53479

Ion Ratio Lower Upper

43 100

61 16.2 12.6 19.0

70 12.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 20.16 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

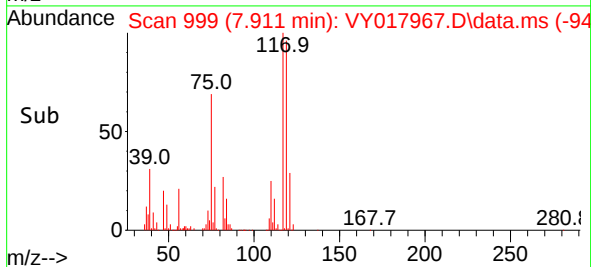
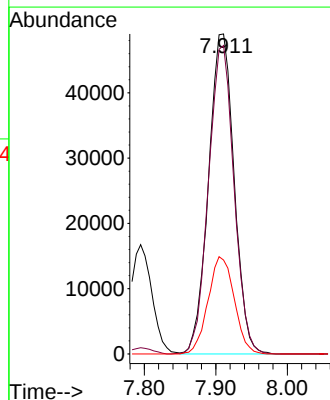
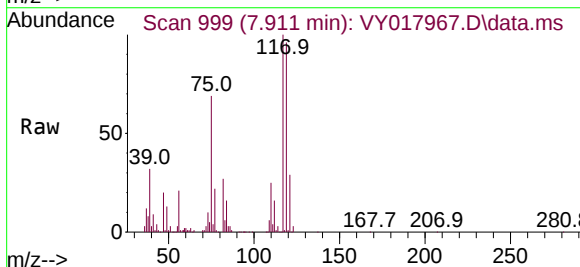
Tgt Ion: 117 Resp: 122143

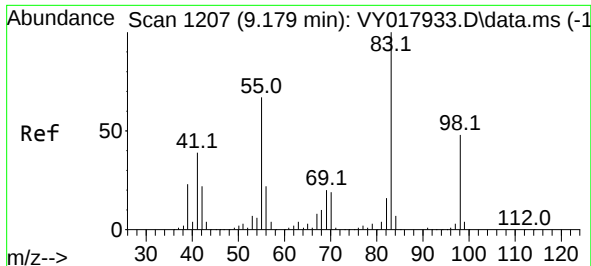
Ion Ratio Lower Upper

117 100

119 96.4 75.8 113.6

121 29.4 24.0 36.0





#39

Methylcyclohexane

Concen: 19.01 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

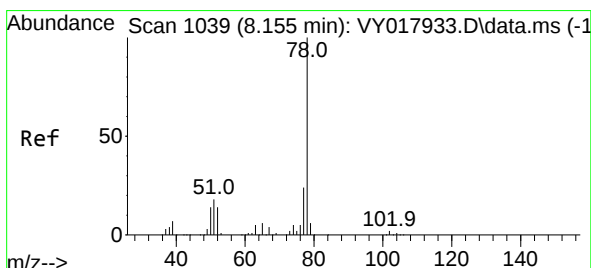
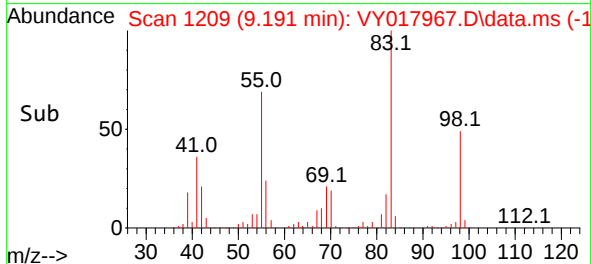
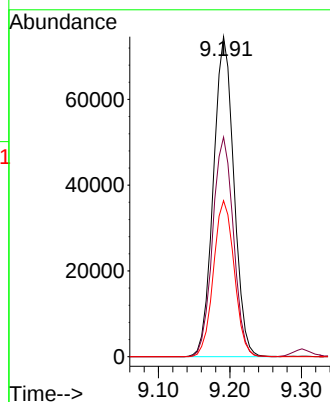
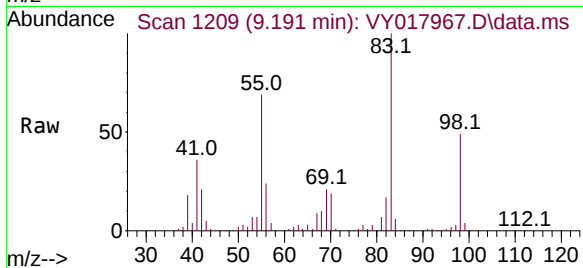
Tgt Ion: 83 Resp: 148538

Ion Ratio Lower Upper

83 100

55 68.6 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 19.93 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017967.D

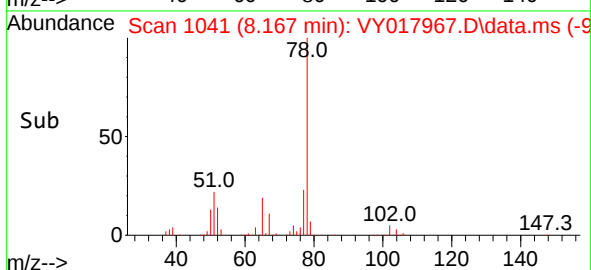
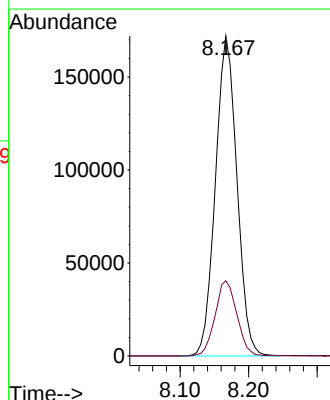
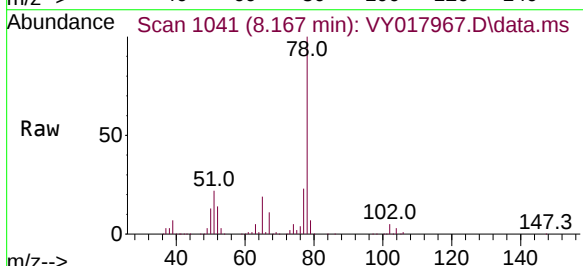
Acq: 18 Apr 2024 11:20

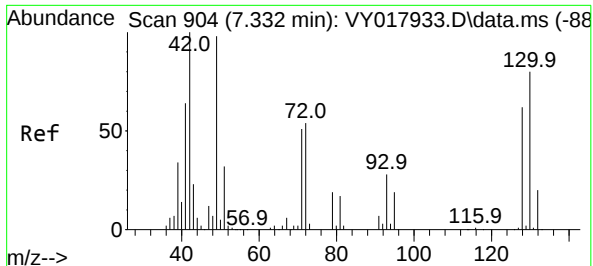
Tgt Ion: 78 Resp: 374356

Ion Ratio Lower Upper

78 100

77 23.5 19.5 29.3

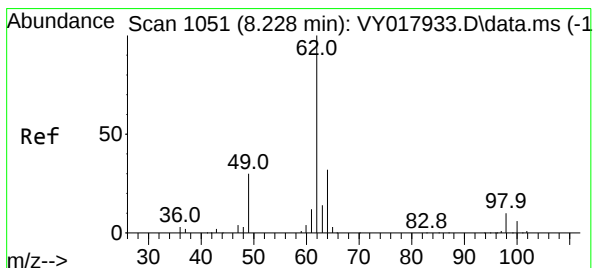
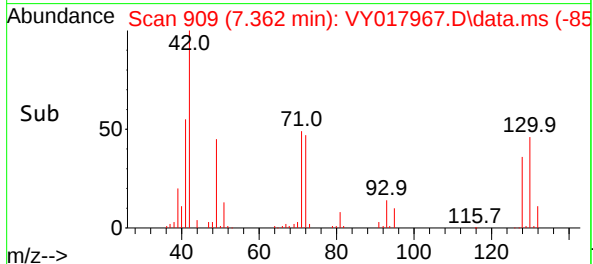
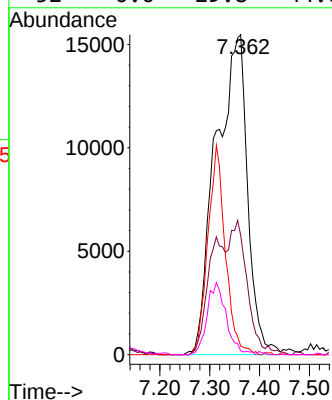
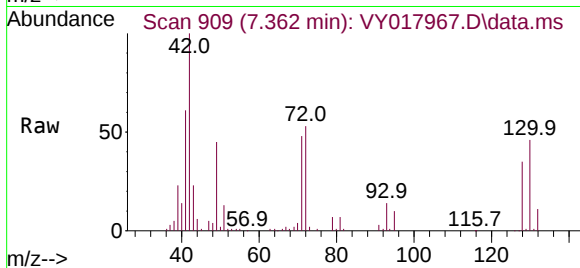




#41
Methacrylonitrile
Concen: 43.69 ug/l
RT: 7.362 min Scan# 904
Delta R.T. 0.030 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

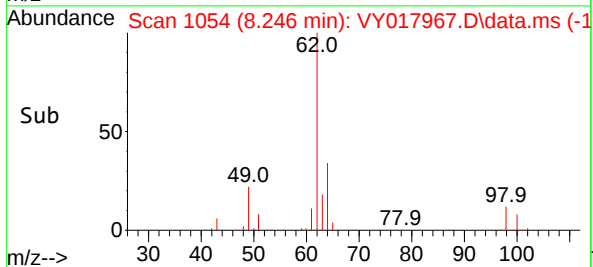
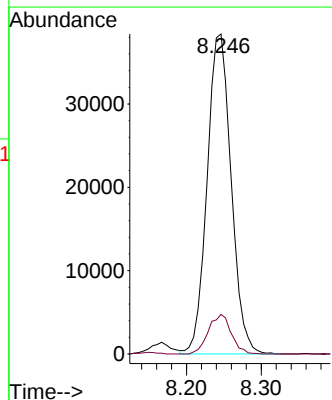
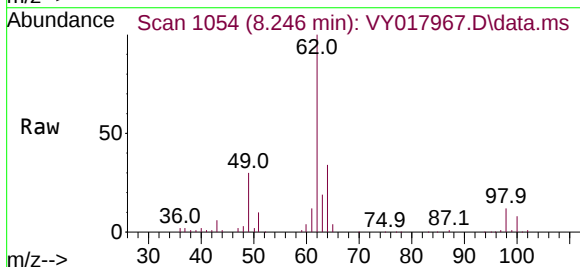
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

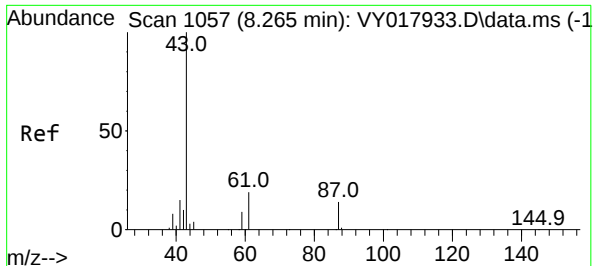
Tgt Ion: 41 Resp: 68004
Ion Ratio Lower Upper
41 100
39 21.8 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.96 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 62 Resp: 85913
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 20.49 ug/l

RT: 8.277 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

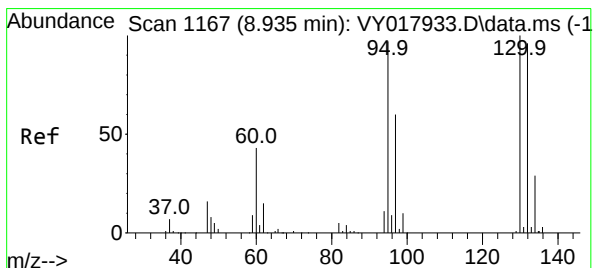
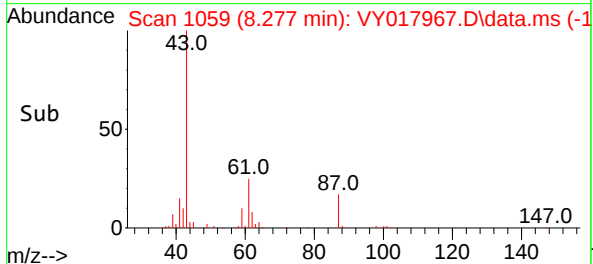
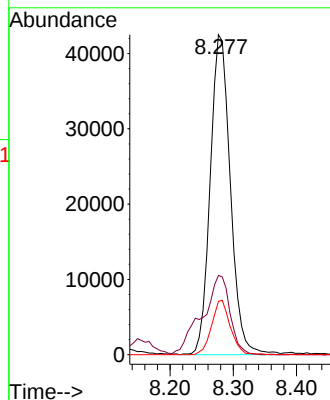
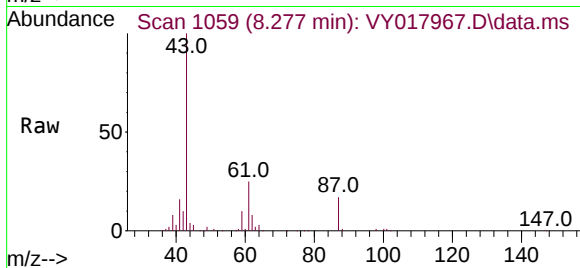
Tgt Ion: 43 Resp: 94215

Ion Ratio Lower Upper

43 100

61 34.1 27.9 41.9

87 15.7 13.1 19.7



#44

Trichloroethene

Concen: 20.25 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017967.D

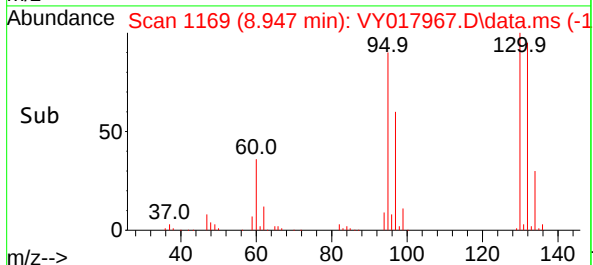
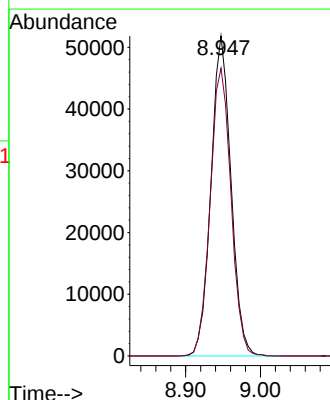
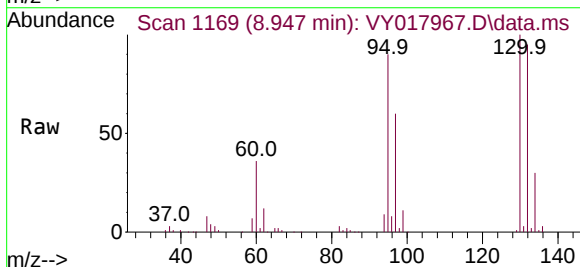
Acq: 18 Apr 2024 11:20

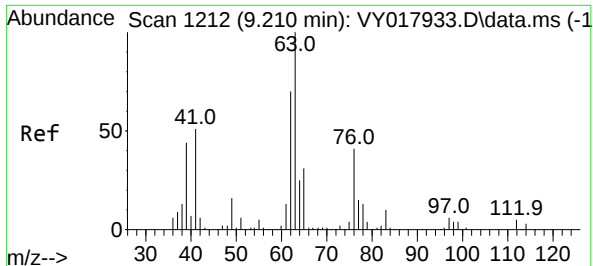
Tgt Ion: 130 Resp: 96624

Ion Ratio Lower Upper

130 100

95 89.9 0.0 188.0





#45

1,2-Dichloropropane

Concen: 19.72 ug/l

RT: 9.221 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

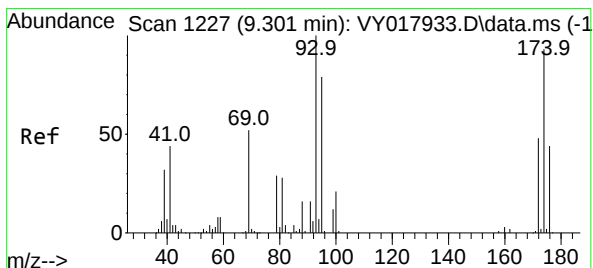
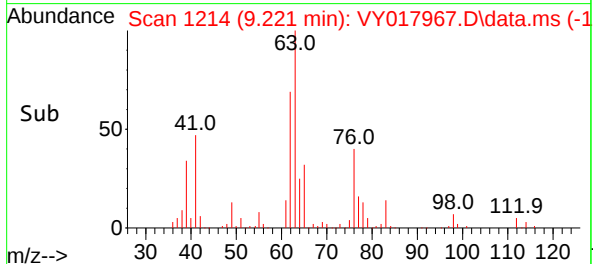
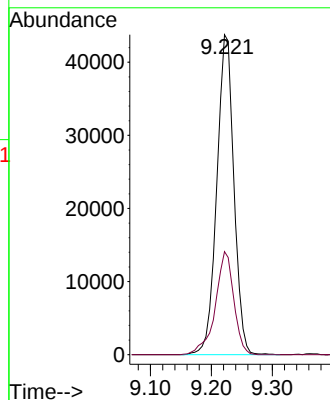
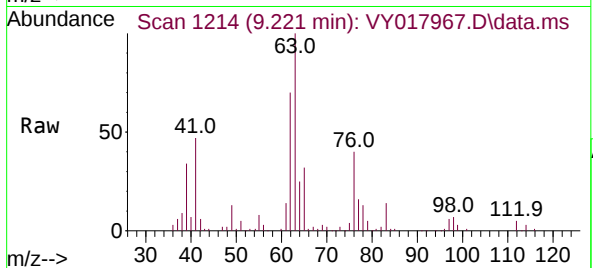
VY0418SBS01

Tgt Ion: 63 Resp: 85250

Ion Ratio Lower Upper

63 100

65 32.2 25.4 38.2



#46

Dibromomethane

Concen: 20.66 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

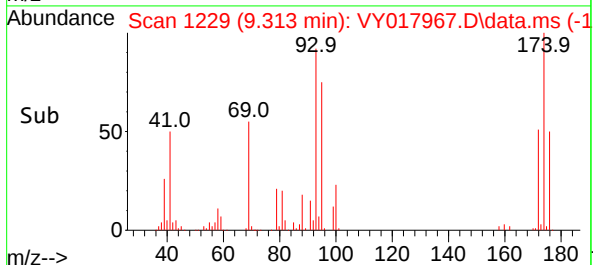
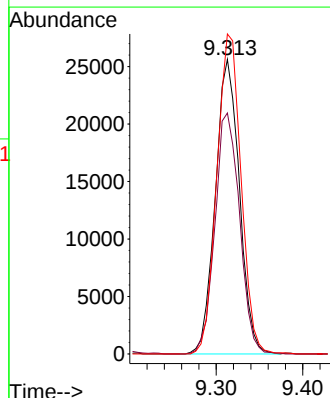
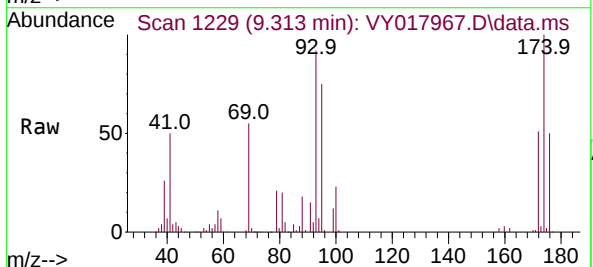
Tgt Ion: 93 Resp: 49404

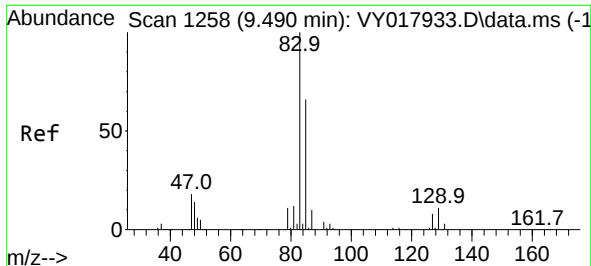
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 109.6 80.9 121.3

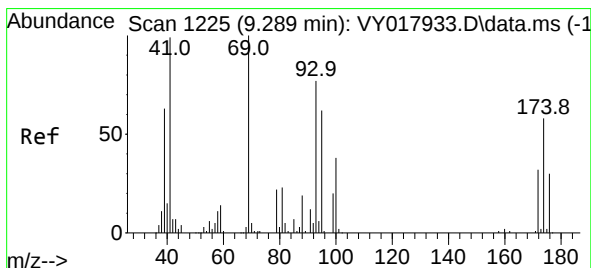
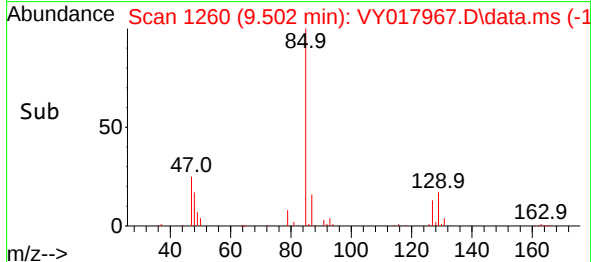
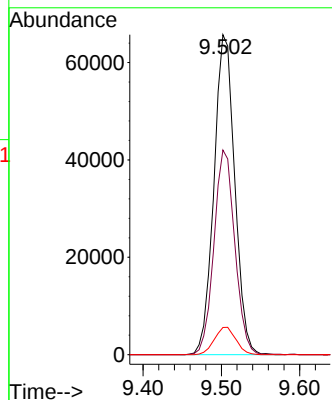
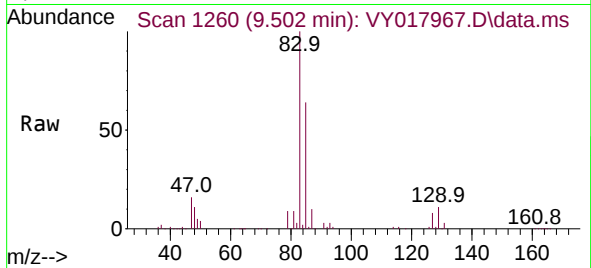




#47
Bromodichloromethane
Concen: 20.23 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

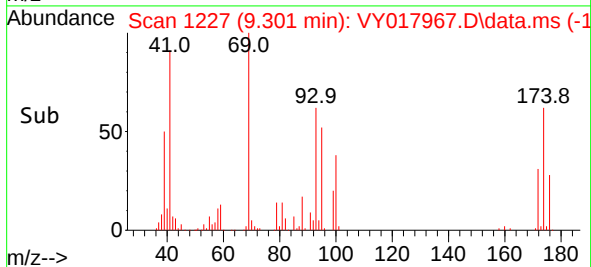
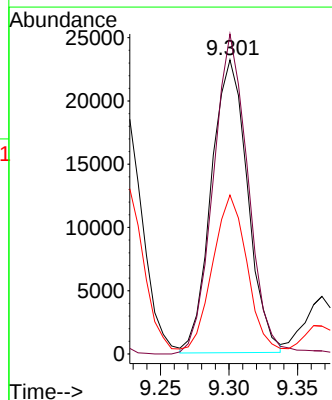
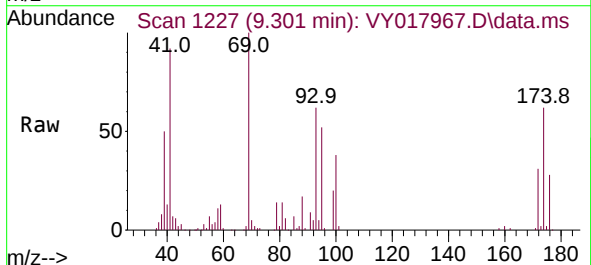
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

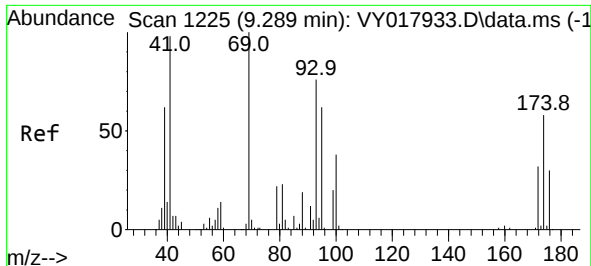
Tgt Ion: 83 Resp: 121350
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.5 7.4 11.0



#48
Methyl methacrylate
Concen: 20.25 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 41 Resp: 42663
Ion Ratio Lower Upper
41 100
69 105.5 84.1 126.1
39 49.2 43.6 65.4





#49

1,4-Dioxane

Concen: 413.13 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

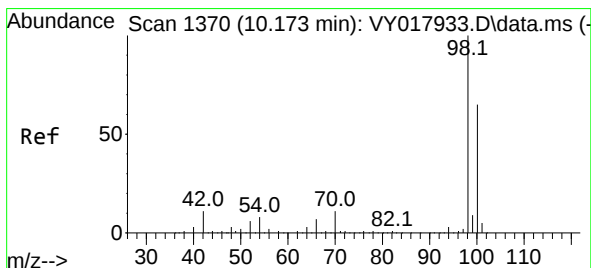
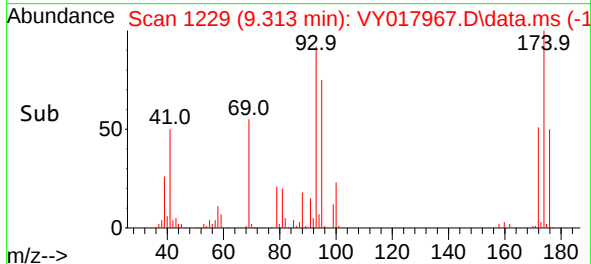
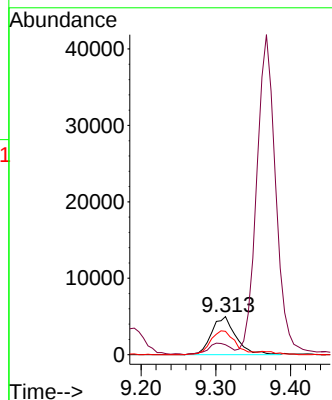
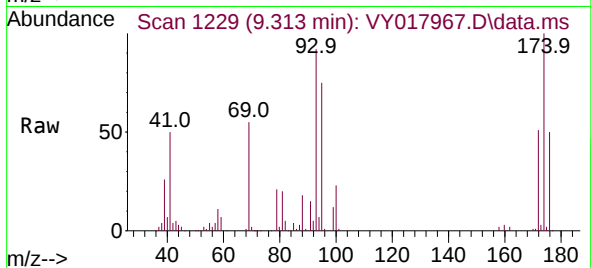
Tgt Ion: 88 Resp: 11278

Ion Ratio Lower Upper

88 100

43 27.6 0.0 0.0#

58 63.9 49.3 73.9



#50

Toluene-d8

Concen: 48.18 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY017967.D

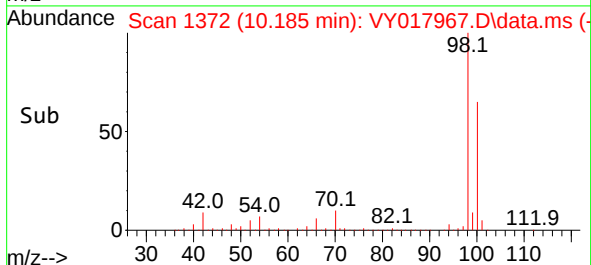
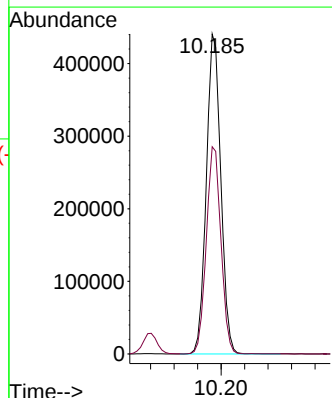
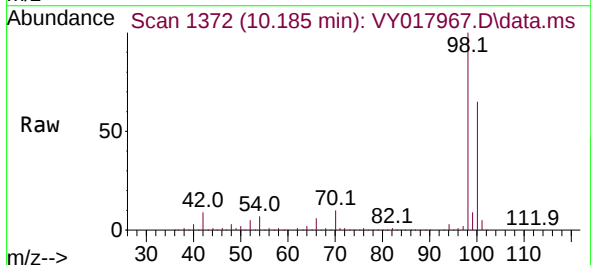
Acq: 18 Apr 2024 11:20

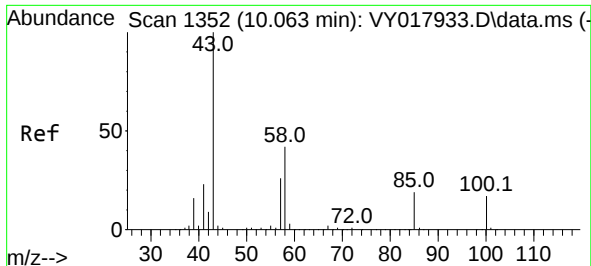
Tgt Ion: 98 Resp: 753682

Ion Ratio Lower Upper

98 100

100 65.4 52.0 78.0

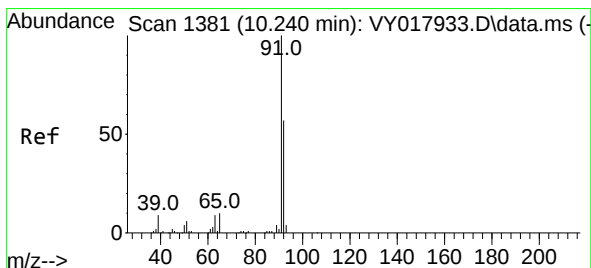
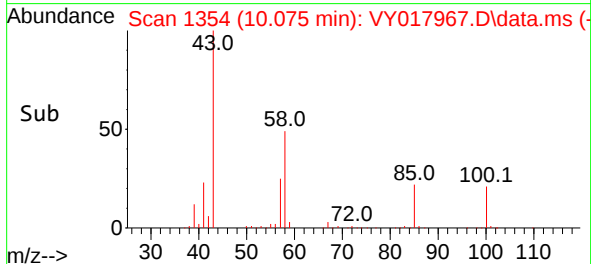
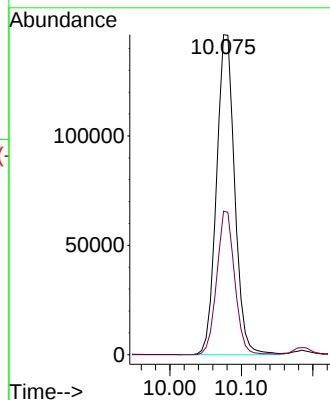
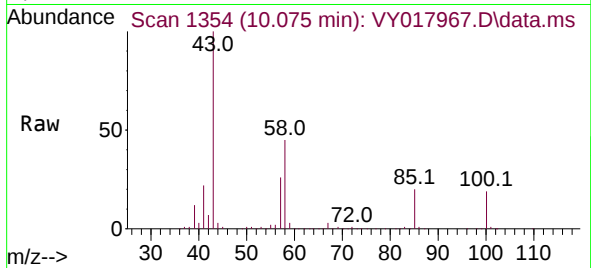




#51
4-Methyl-2-Pentanone
Concen: 106.06 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

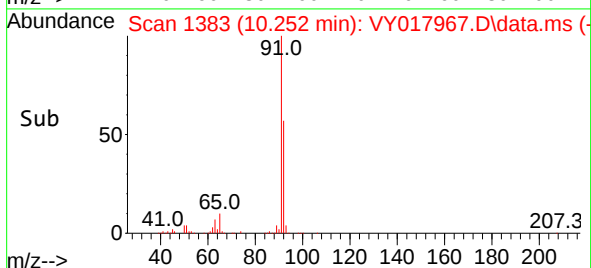
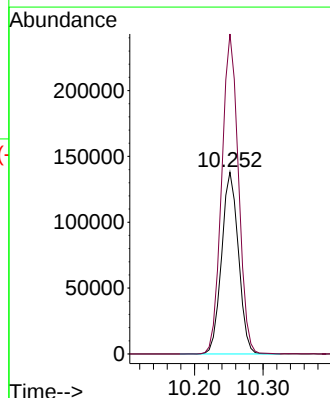
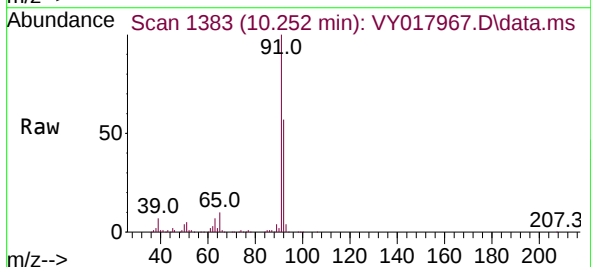
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

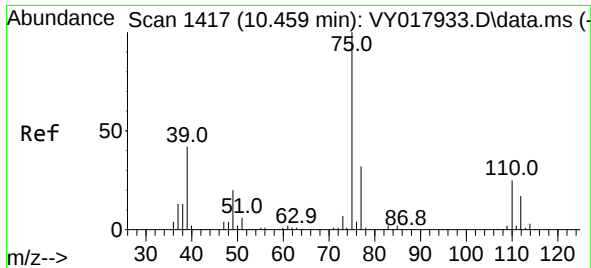
Tgt Ion: 43 Resp: 258533
Ion Ratio Lower Upper
43 100
58 44.2 35.7 53.5



#52
Toluene
Concen: 20.27 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 92 Resp: 233615
Ion Ratio Lower Upper
92 100
91 175.9 139.0 208.6

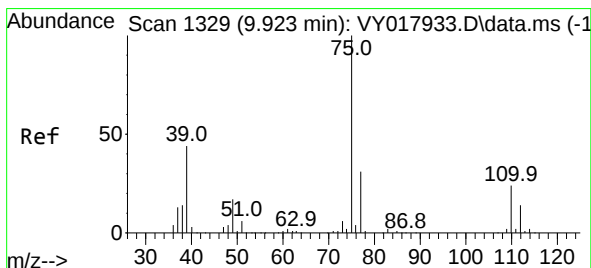
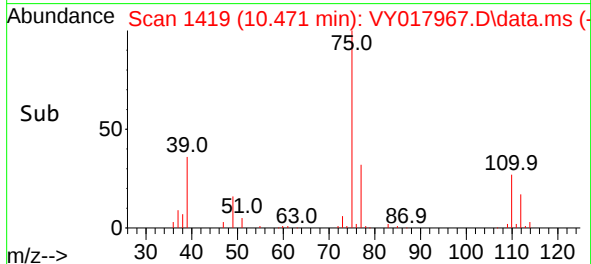
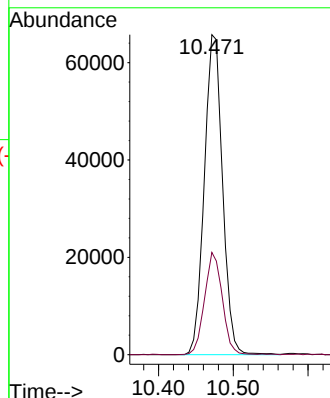
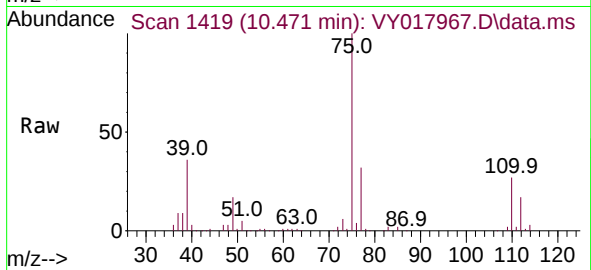




#53
 t-1,3-Dichloropropene
 Concen: 20.33 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

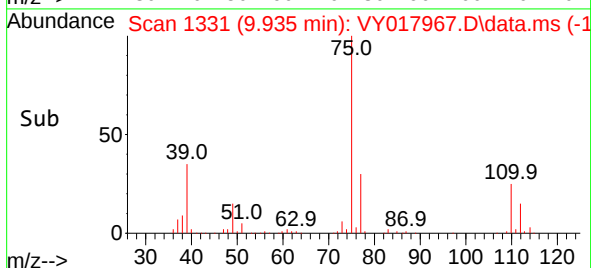
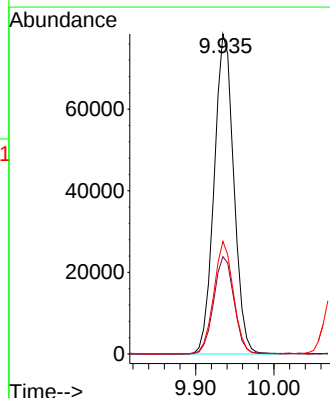
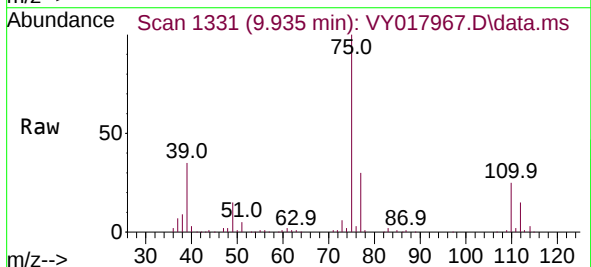
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0418SBS01

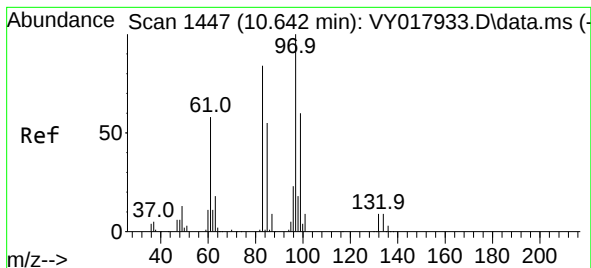
Tgt Ion: 75 Resp: 111369
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 20.32 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY017967.D
 Acq: 18 Apr 2024 11:20

Tgt Ion: 75 Resp: 136690
 Ion Ratio Lower Upper
 75 100
 77 30.4 25.4 38.0
 39 35.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.14 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

Tgt Ion: 97 Resp: 68714

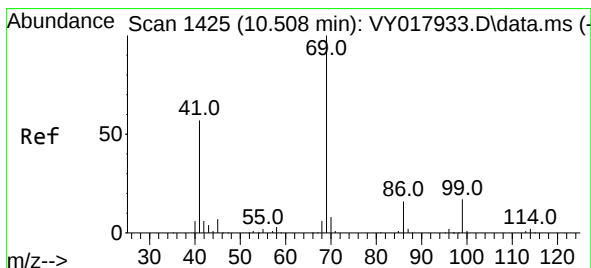
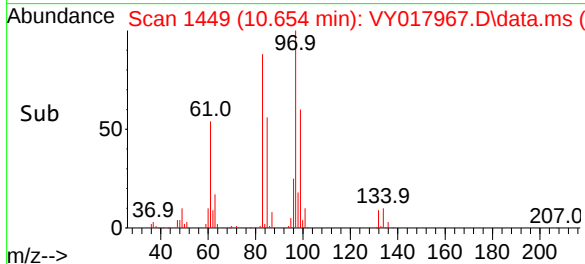
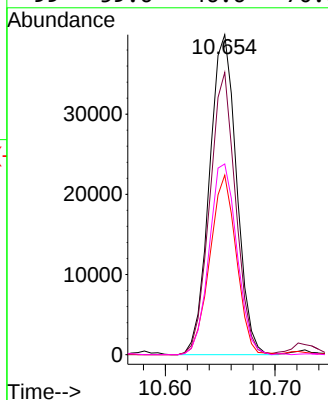
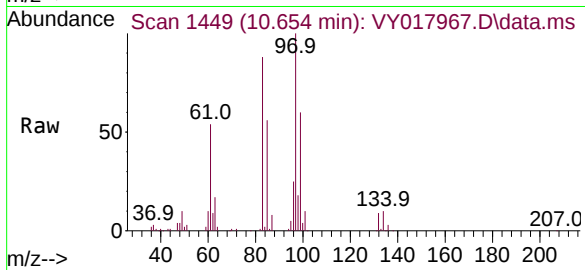
Ion Ratio Lower Upper

97 100

83 88.2 67.5 101.3

85 56.1 42.9 64.3

99 59.6 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.30 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

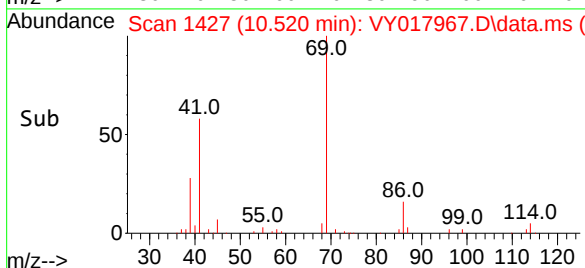
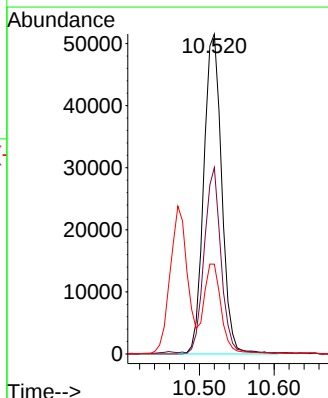
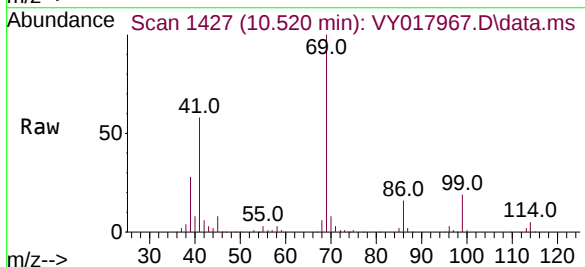
Tgt Ion: 69 Resp: 86039

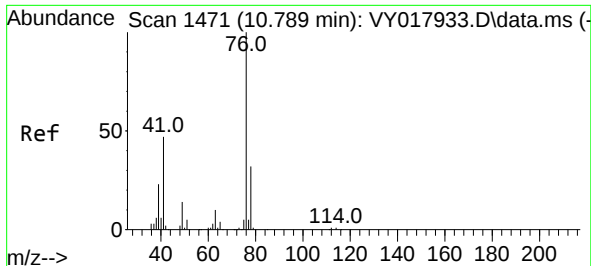
Ion Ratio Lower Upper

69 100

41 54.0 42.3 63.5

39 27.4 22.9 34.3





#57

1,3-Dichloropropane

Concen: 20.88 ug/l

RT: 10.800 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

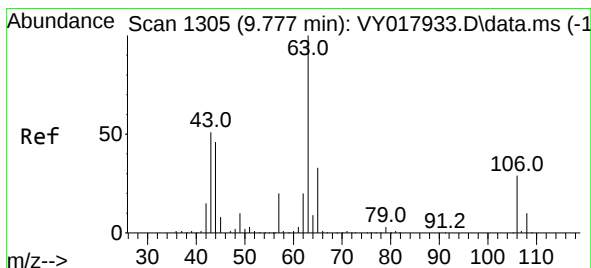
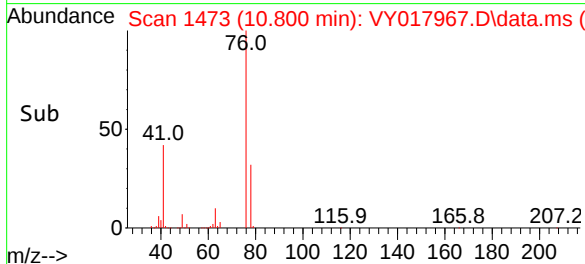
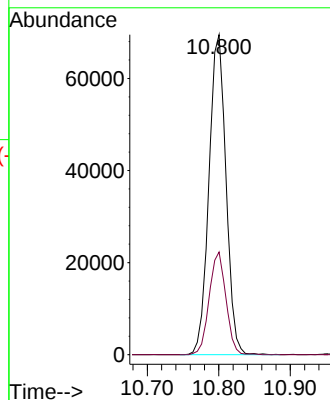
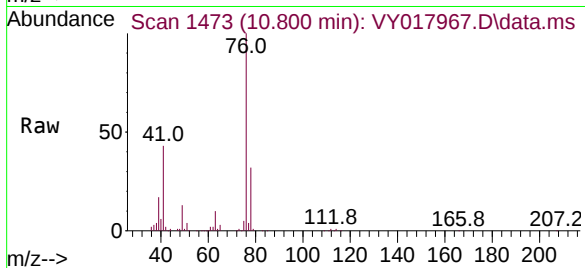
VY0418SBSD01

Tgt Ion: 76 Resp: 114932

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 99.93 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY017967.D

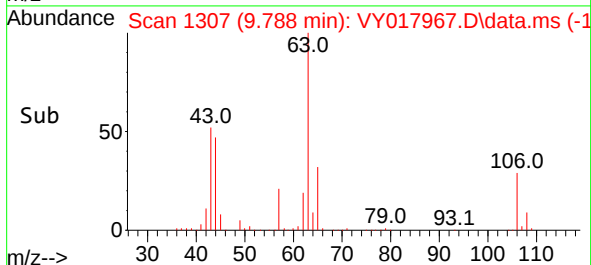
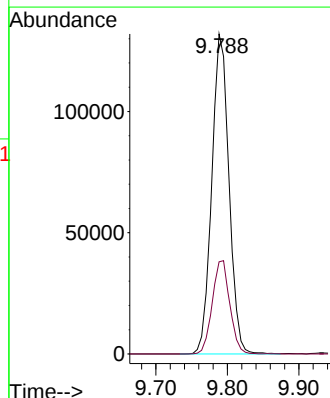
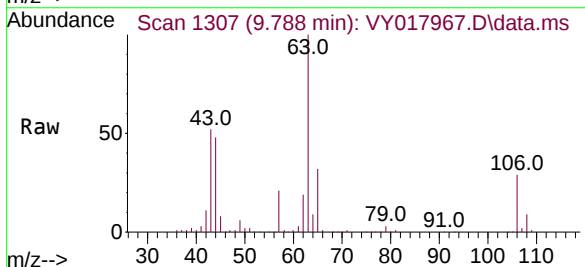
Acq: 18 Apr 2024 11:20

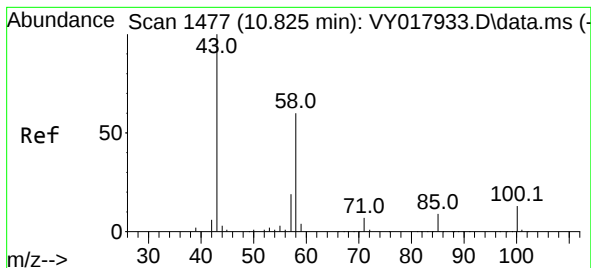
Tgt Ion: 63 Resp: 220142

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5





#59

2-Hexanone

Concen: 106.79 ug/l

RT: 10.843 min Scan# 1477

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

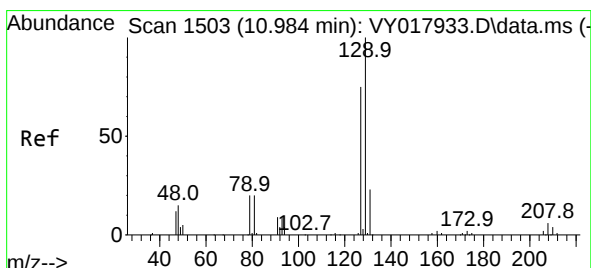
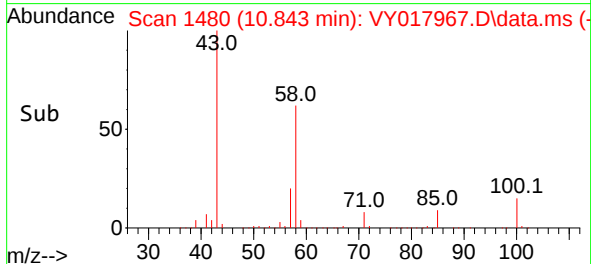
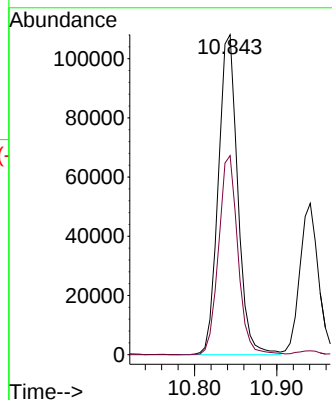
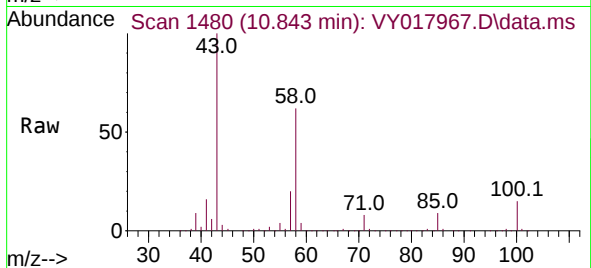
VY0418SBS01

Tgt Ion: 43 Resp: 177702

Ion Ratio Lower Upper

43 100

58 61.7 31.4 94.0



#60

Dibromochloromethane

Concen: 20.95 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.006 min

Lab File: VY017967.D

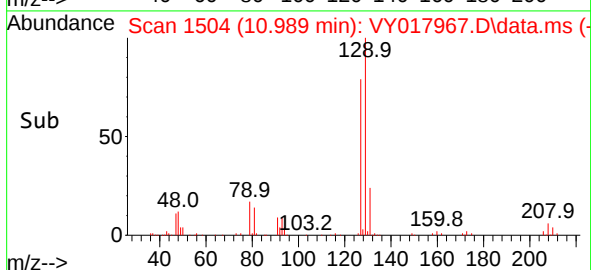
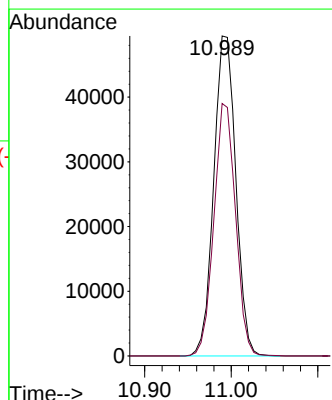
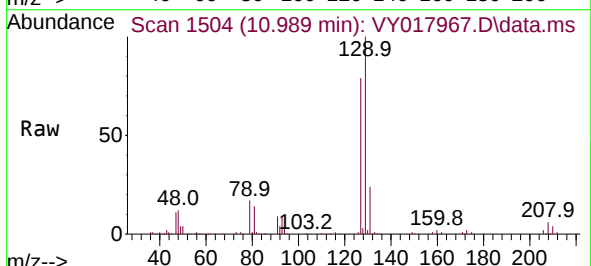
Acq: 18 Apr 2024 11:20

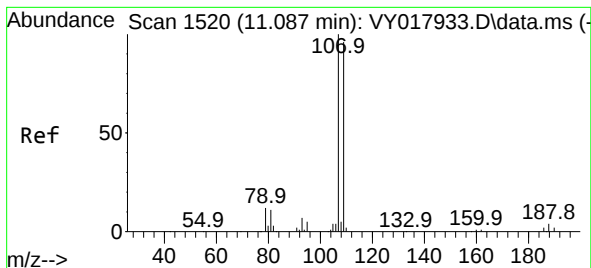
Tgt Ion: 129 Resp: 87529

Ion Ratio Lower Upper

129 100

127 77.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.26 ug/l

RT: 11.099 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

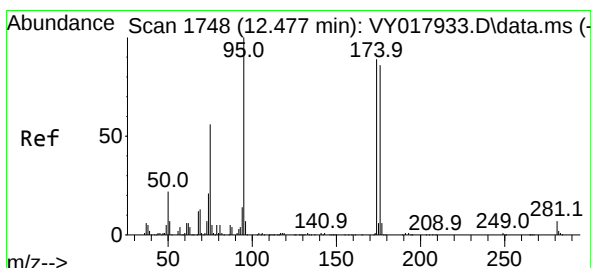
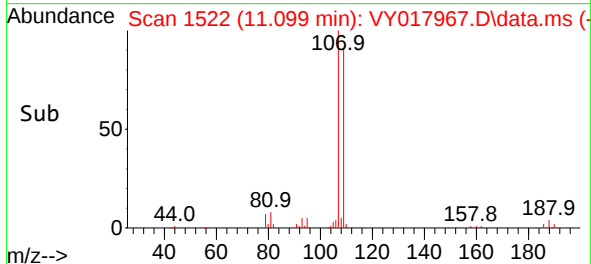
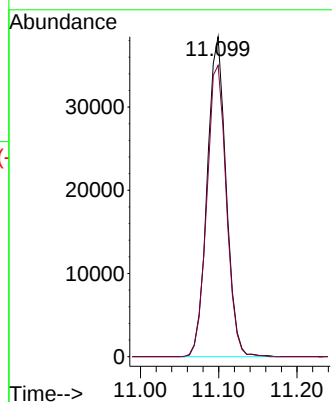
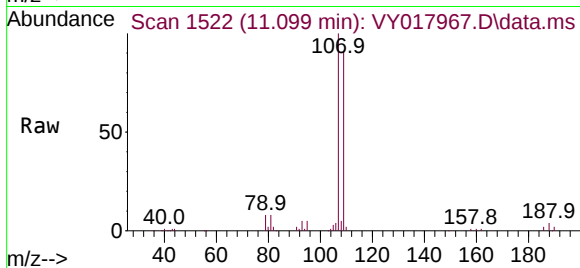
VY0418SBS01

Tgt Ion:107 Resp: 64419

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 48.21 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

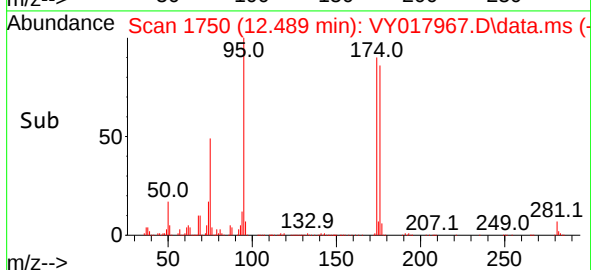
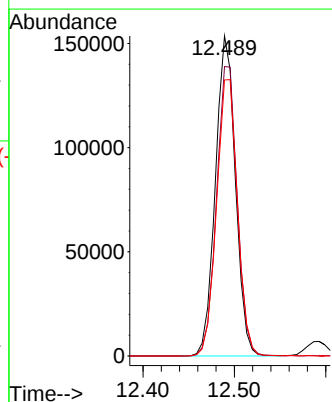
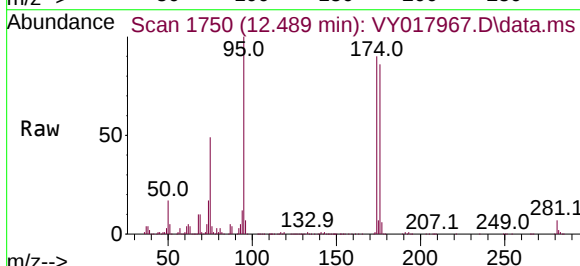
Tgt Ion: 95 Resp: 233594

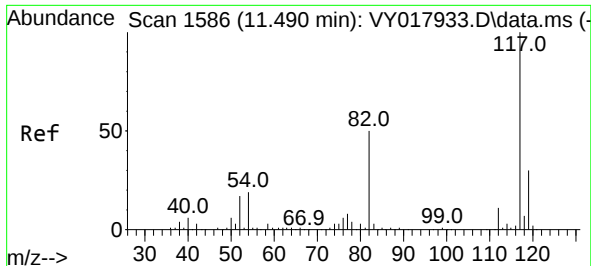
Ion Ratio Lower Upper

95 100

174 93.5 0.0 175.6

176 90.2 0.0 171.4

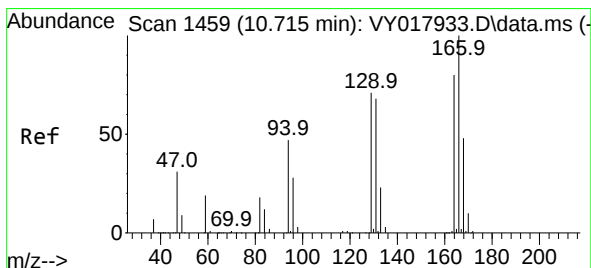
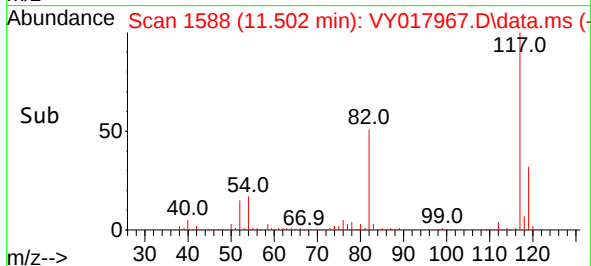
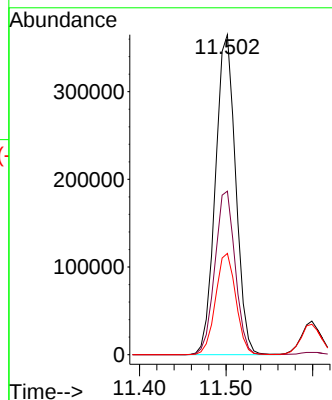
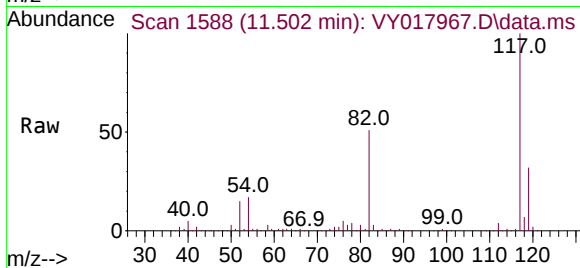




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

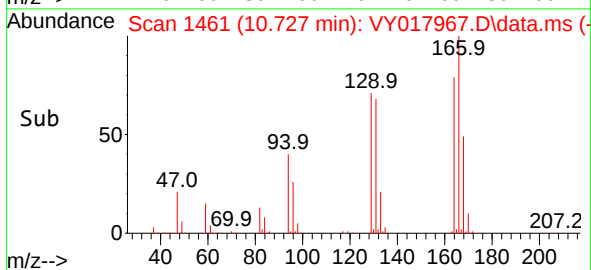
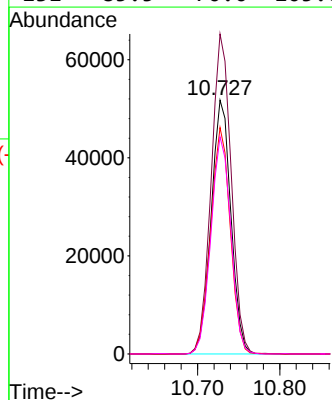
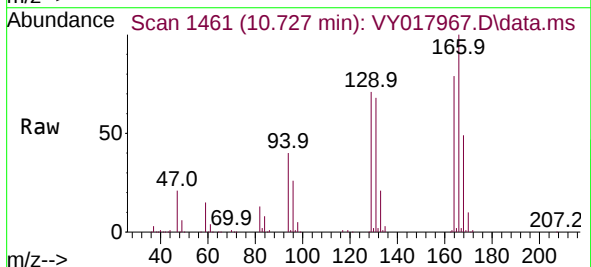
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBSD01

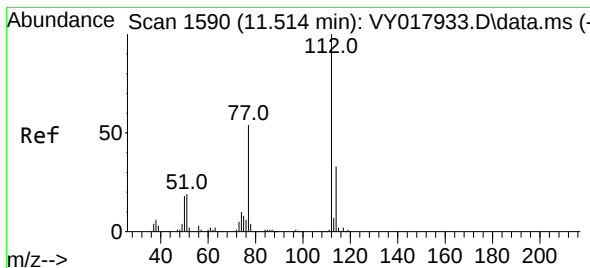
Tgt Ion:117 Resp: 592283
Ion Ratio Lower Upper
117 100
82 51.1 42.4 63.6
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 20.36 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion:164 Resp: 86363
Ion Ratio Lower Upper
164 100
166 126.1 102.6 154.0
129 89.2 72.0 108.0
131 85.5 70.0 105.0





#65

Chlorobenzene

Concen: 20.17 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

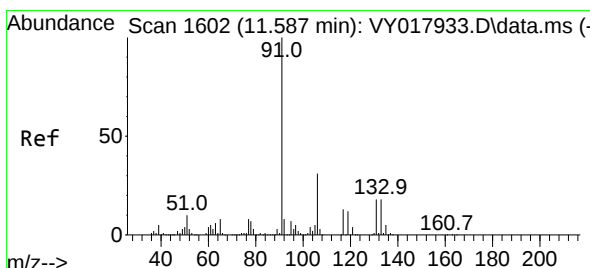
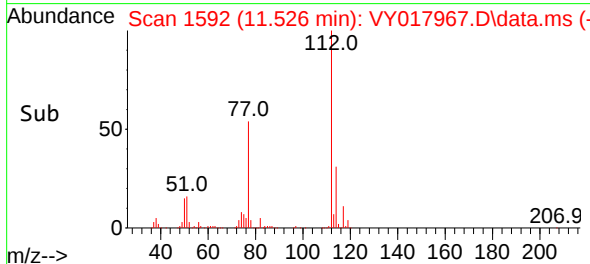
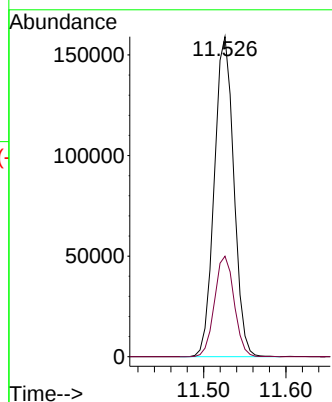
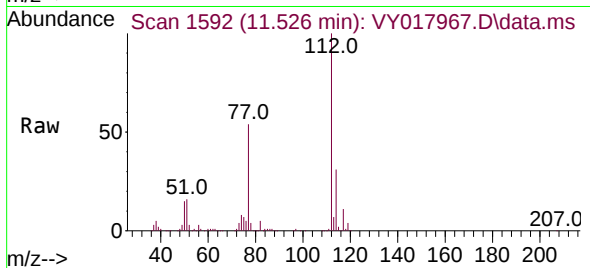
VY0418SBS01

Tgt Ion:112 Resp: 261802

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.28 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

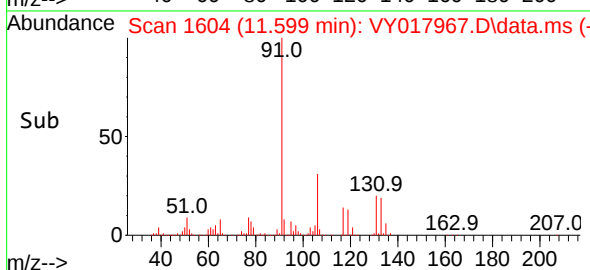
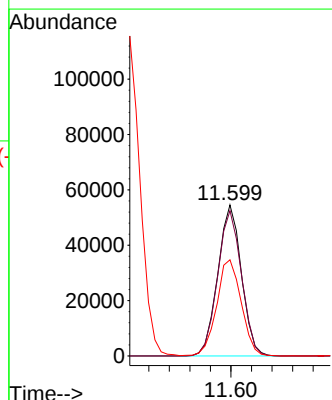
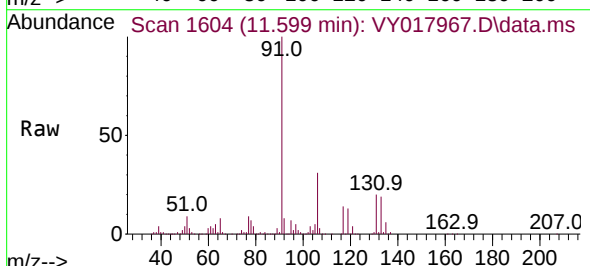
Tgt Ion:131 Resp: 86822

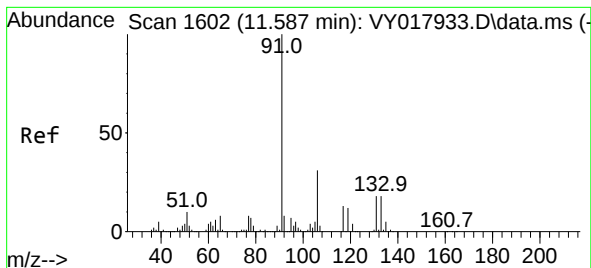
Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.3

119 66.4 34.1 102.2





#67

Ethyl Benzene

Concen: 19.65 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

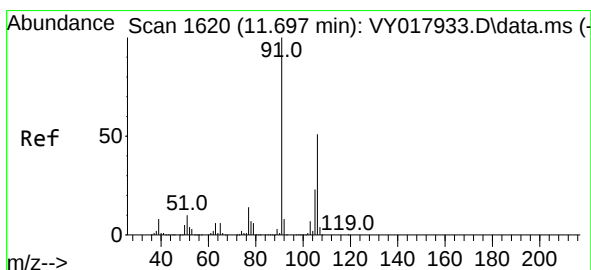
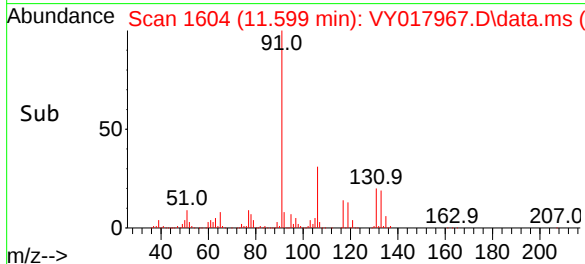
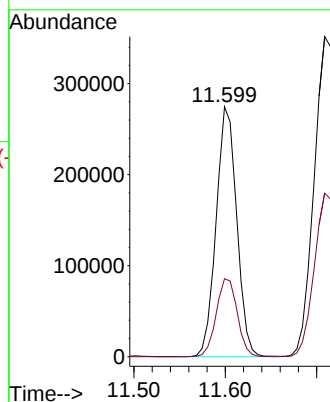
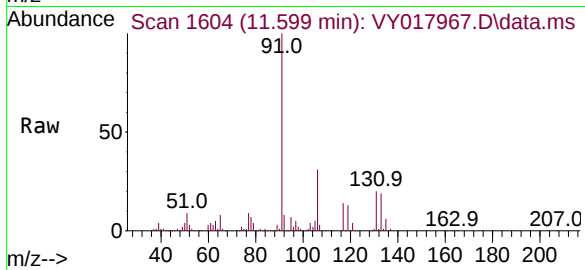
VY0418SBS01

Tgt Ion: 91 Resp: 429582

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 39.94 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY017967.D

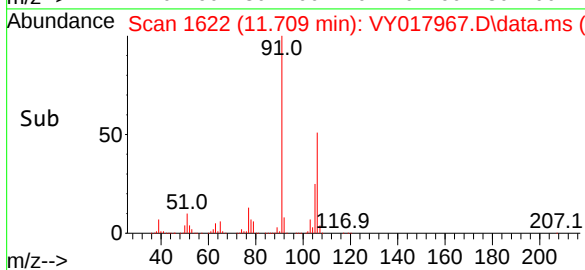
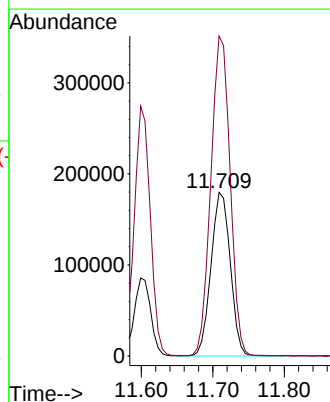
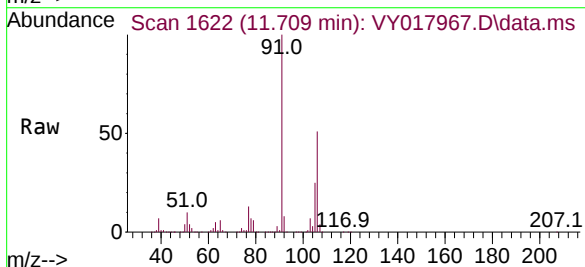
Acq: 18 Apr 2024 11:20

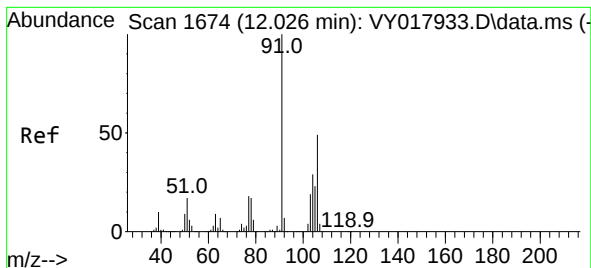
Tgt Ion: 106 Resp: 335317

Ion Ratio Lower Upper

106 100

91 196.4 156.0 234.0





#69

o-Xylene

Concen: 19.83 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

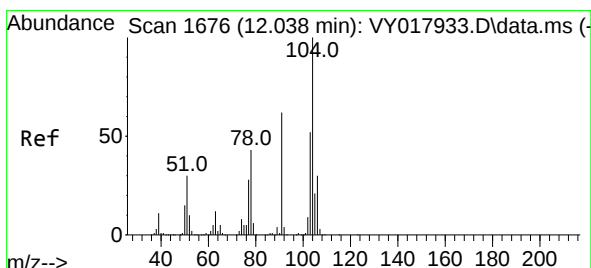
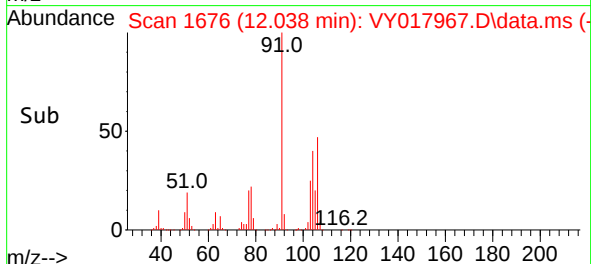
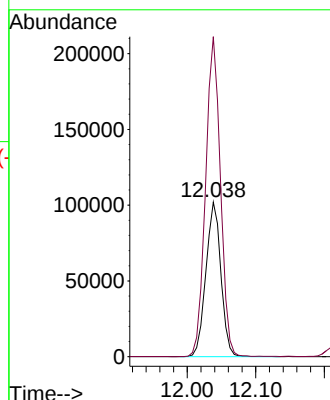
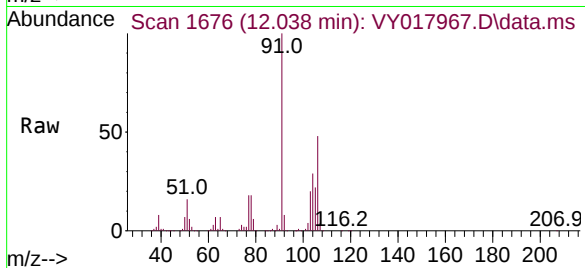
VY0418SBS01

Tgt Ion:106 Resp: 155439

Ion Ratio Lower Upper

106 100

91 205.4 103.6 310.8



#70

Styrene

Concen: 20.33 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

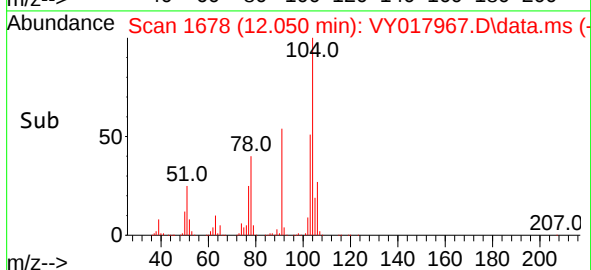
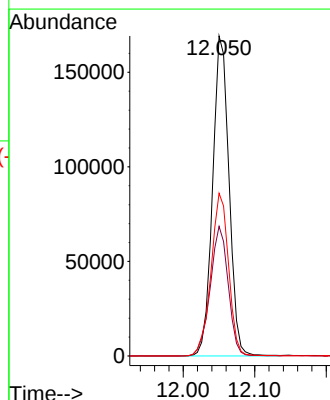
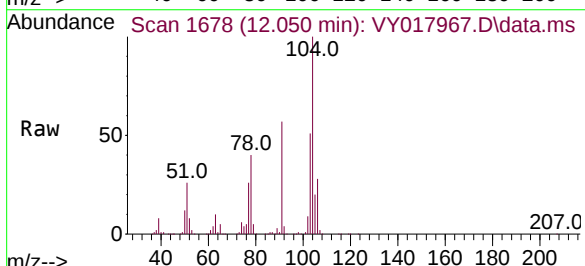
Tgt Ion:104 Resp: 269425

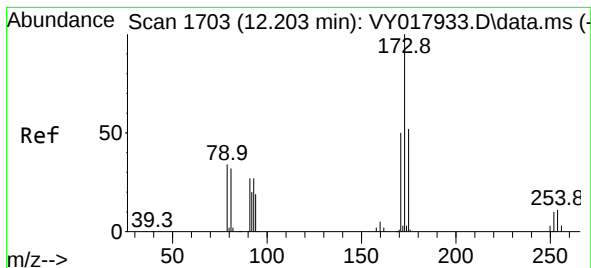
Ion Ratio Lower Upper

104 100

78 44.4 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 21.52 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBSD01

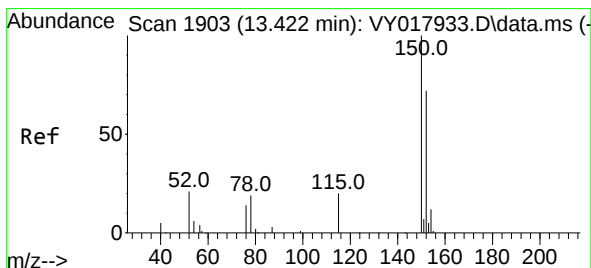
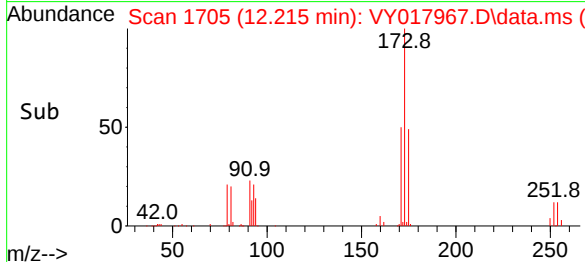
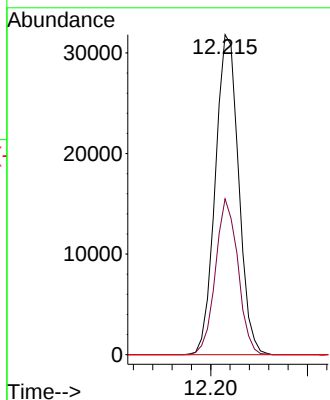
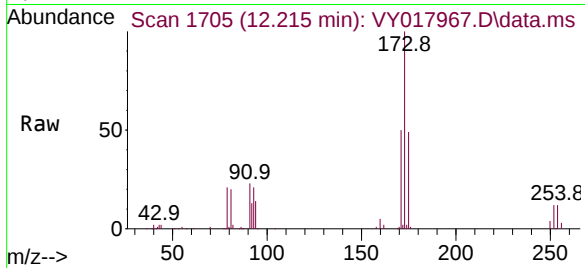
Tgt Ion:173 Resp: 53216

Ion Ratio Lower Upper

173 100

175 46.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

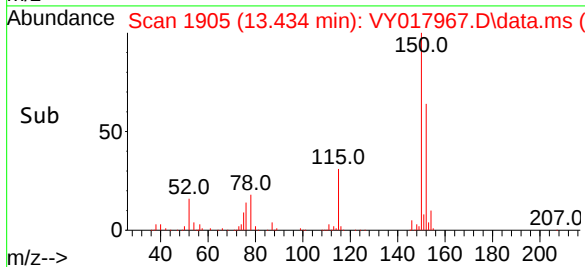
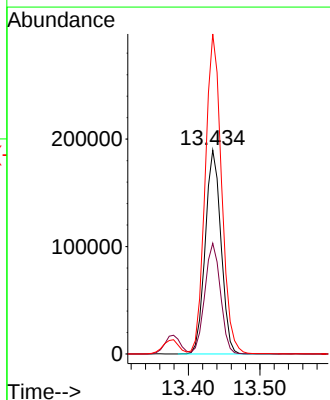
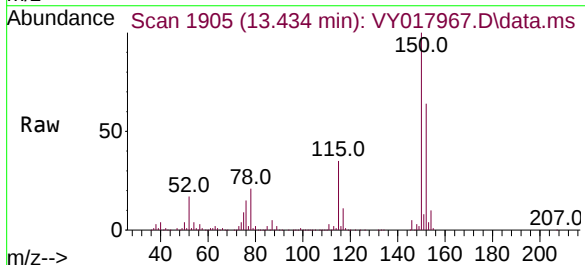
Tgt Ion:152 Resp: 289779

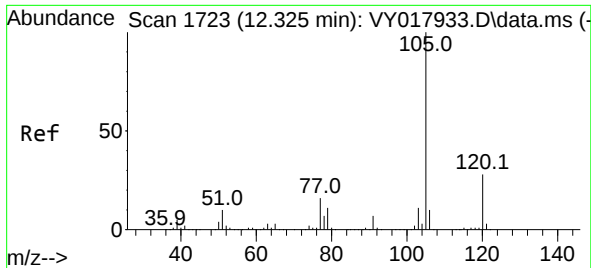
Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 163.4 0.0 345.6

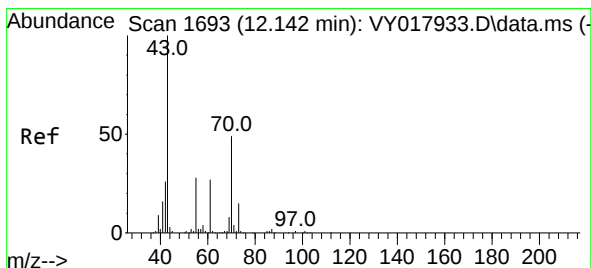
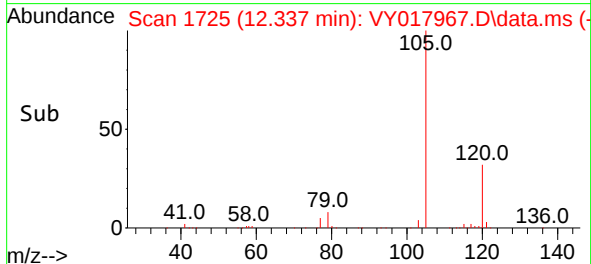
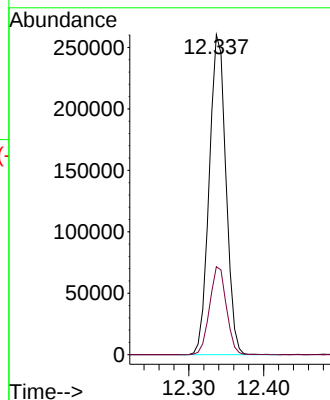
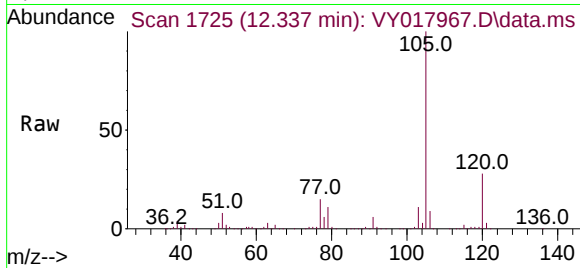




#73
Isopropylbenzene
Concen: 19.14 ug/l
RT: 12.337 min Scan# 1723
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

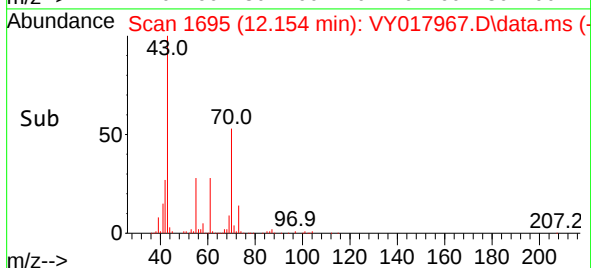
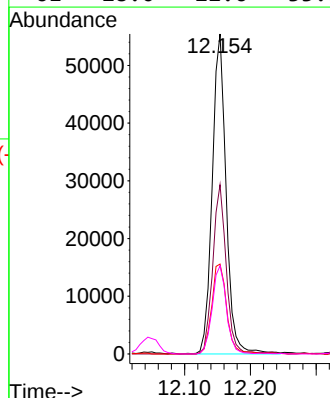
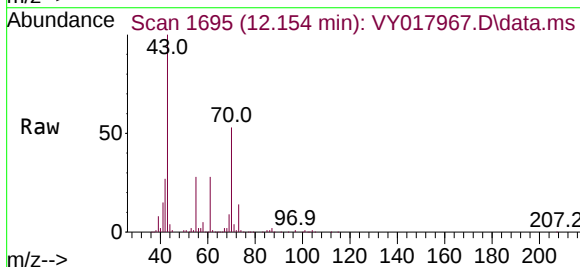
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

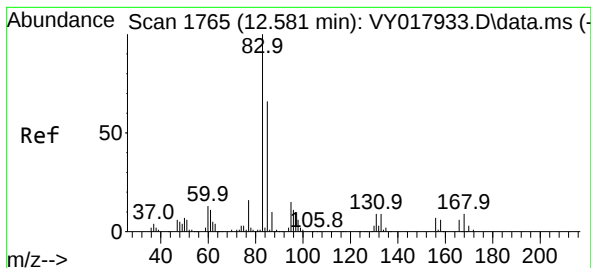
Tgt Ion:105 Resp: 404228
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 19.17 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 43 Resp: 81707
Ion Ratio Lower Upper
43 100
70 51.3 41.4 62.2
55 30.4 23.3 34.9
61 28.0 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.00 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBSD01

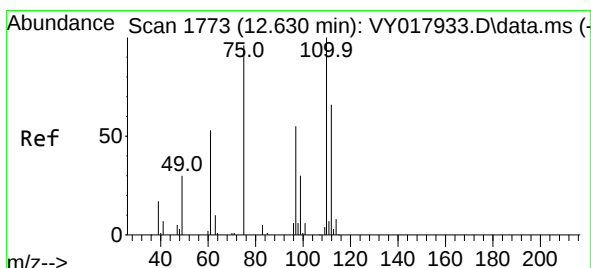
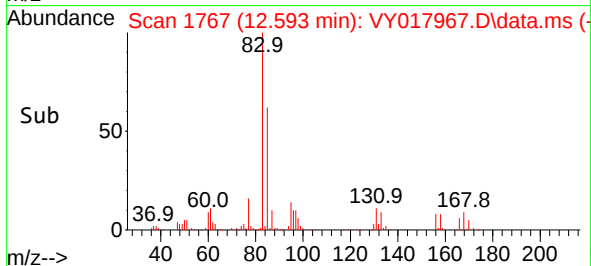
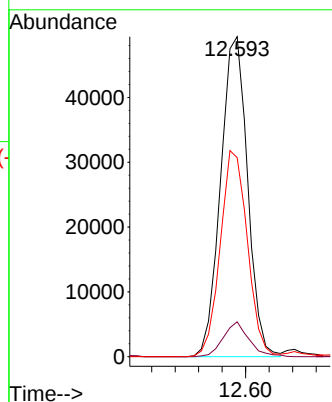
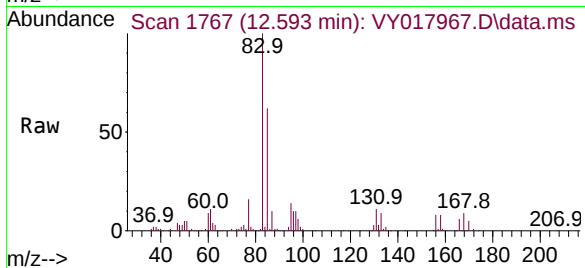
Tgt Ion: 83 Resp: 78749

Ion Ratio Lower Upper

83 100

131 10.4 5.0 14.9

85 64.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 34.67 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.006 min

Lab File: VY017967.D

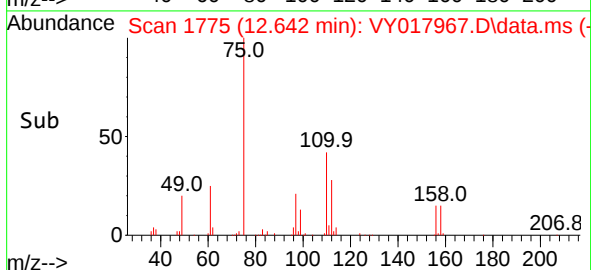
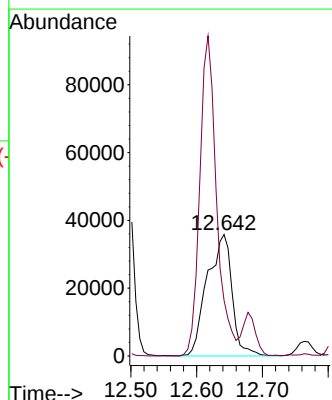
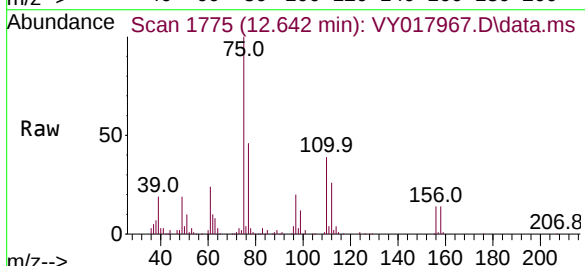
Acq: 18 Apr 2024 11:20

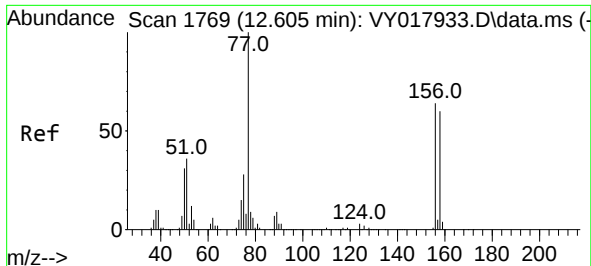
Tgt Ion: 75 Resp: 94276

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

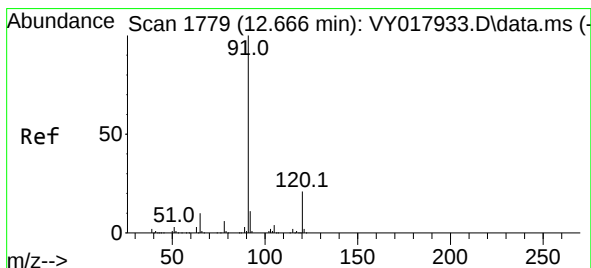
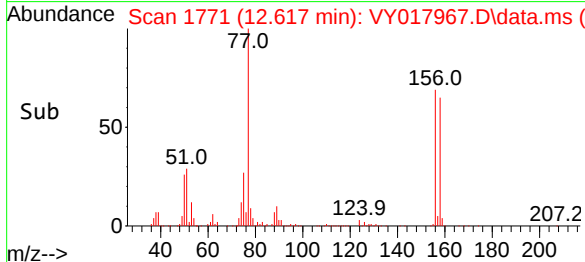
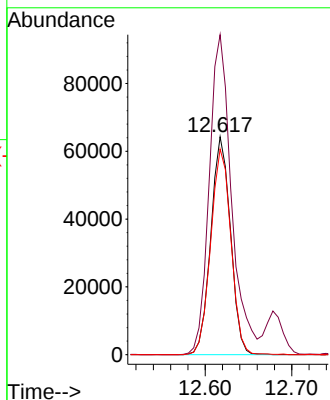
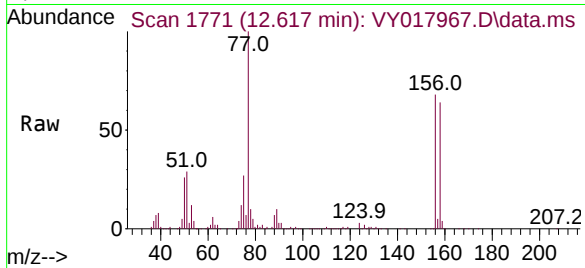




#77
Bromobenzene
Concen: 19.85 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

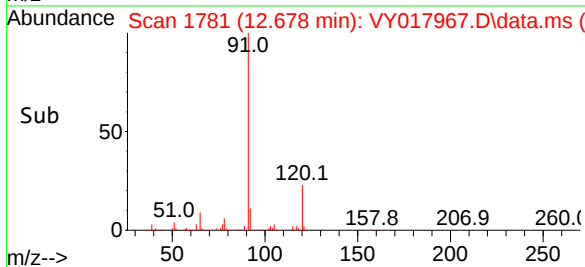
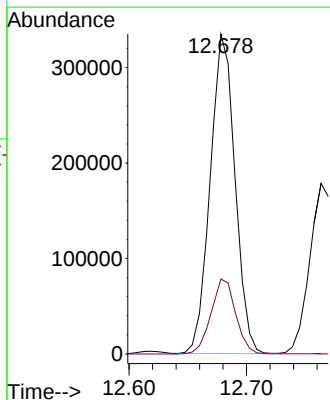
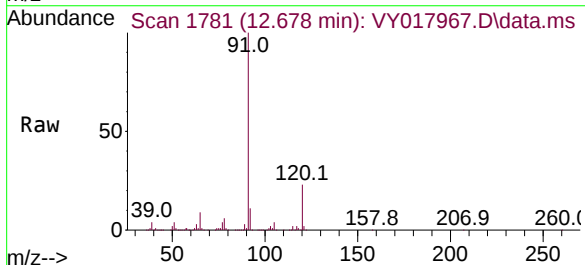
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

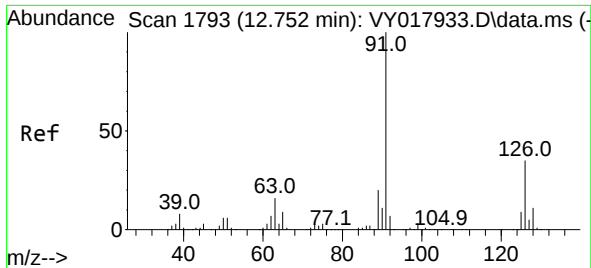
Tgt Ion:156 Resp: 101448
Ion Ratio Lower Upper
156 100
77 165.9 87.1 261.3
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 19.15 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 91 Resp: 490580
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

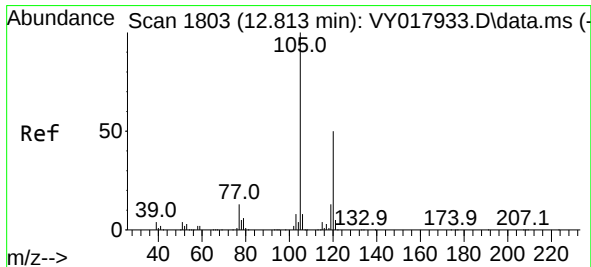
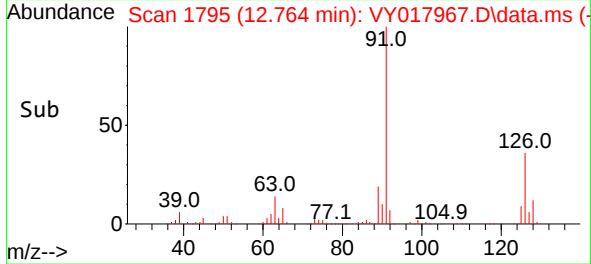
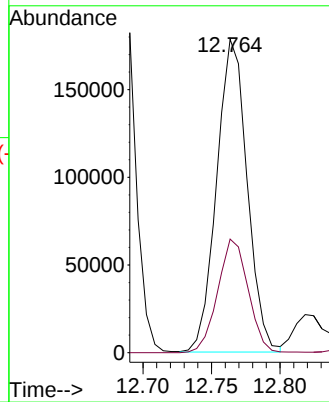
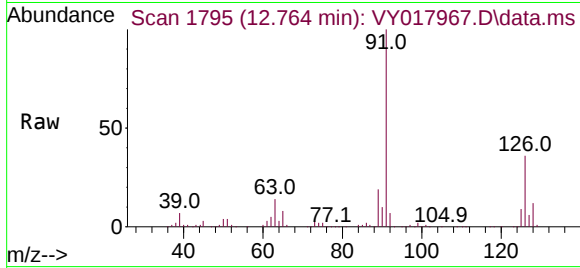




#79
2-Chlorotoluene
Concen: 19.29 ug/l
RT: 12.764 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

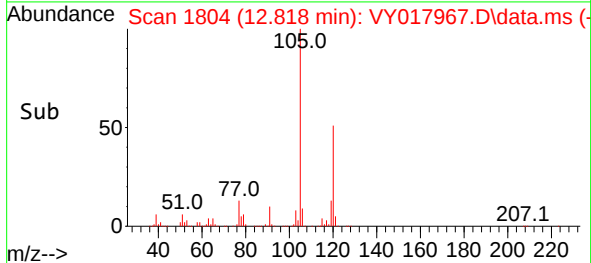
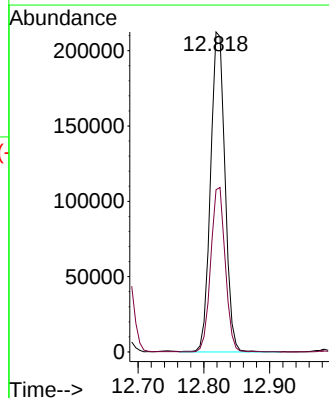
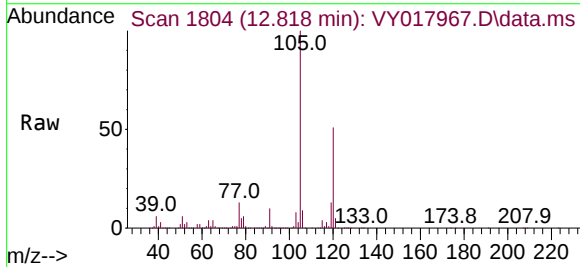
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

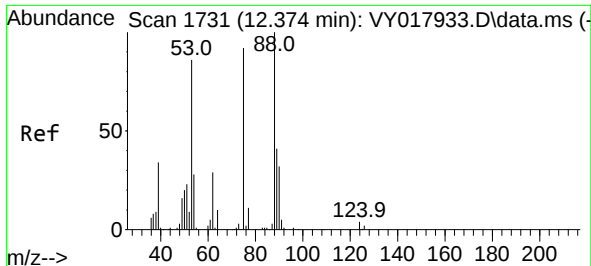
Tgt Ion: 91 Resp: 276662
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.39 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 105 Resp: 324603
Ion Ratio Lower Upper
105 100
120 51.5 25.1 75.2

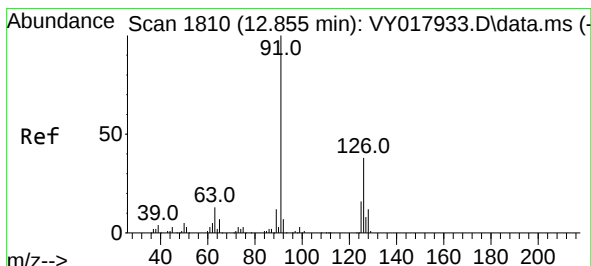
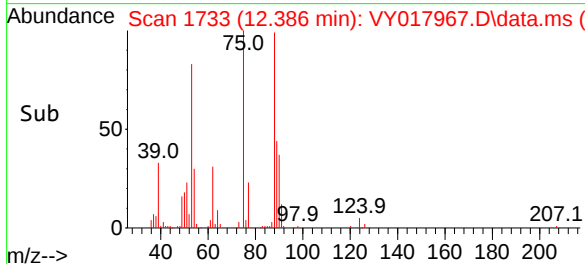
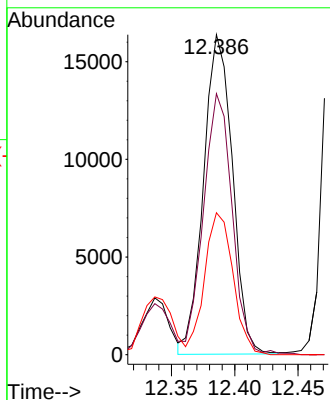
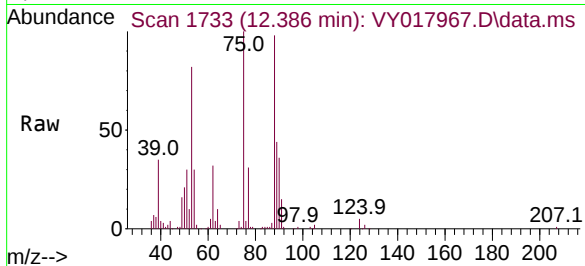




#81
trans-1,4-Dichloro-2-butene
Concen: 19.69 ug/l
RT: 12.386 min Scan# 1731
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

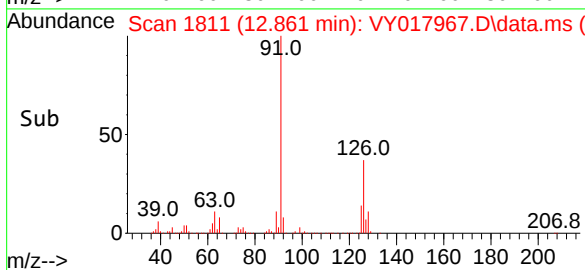
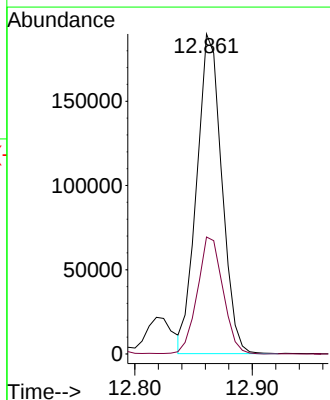
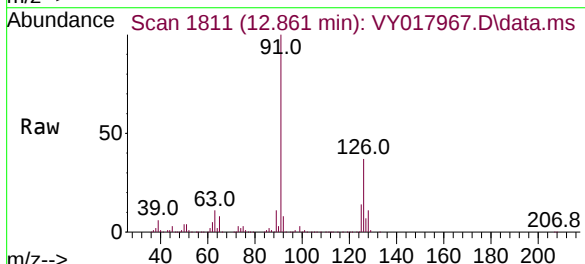
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

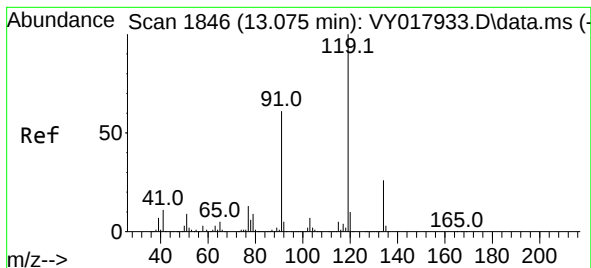
Tgt Ion: 75 Resp: 25967
Ion Ratio Lower Upper
75 100
53 80.9 66.8 100.2
89 43.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 18.94 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion: 91 Resp: 281263
Ion Ratio Lower Upper
91 100
126 37.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.55 ug/l

RT: 13.087 min Scan# 1848

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

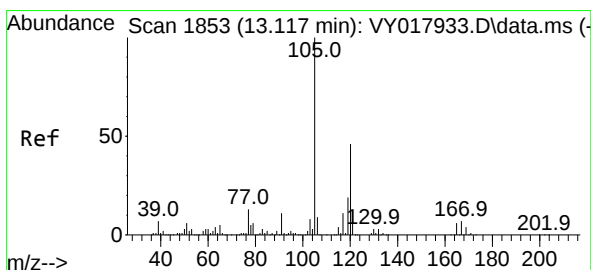
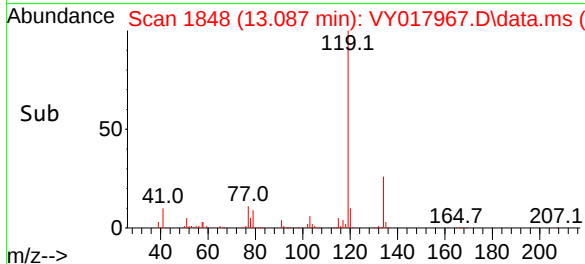
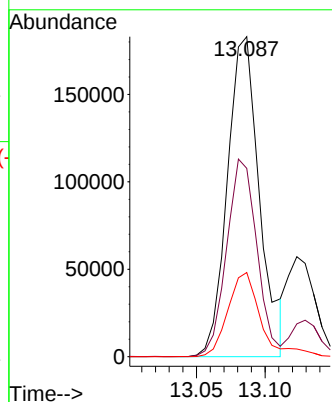
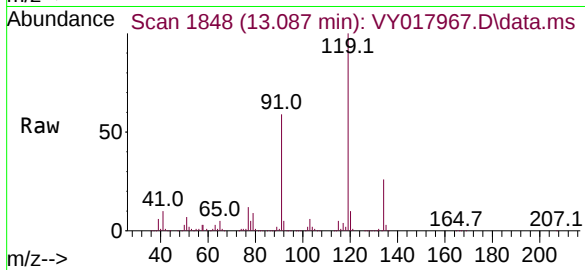
Tgt Ion:119 Resp: 298999

Ion Ratio Lower Upper

119 100

91 58.3 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.51 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY017967.D

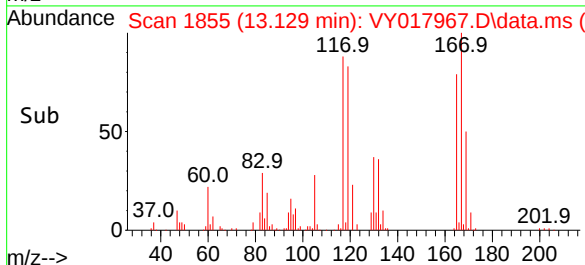
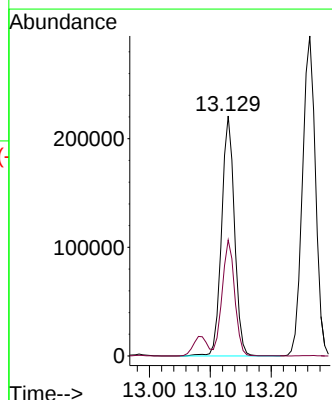
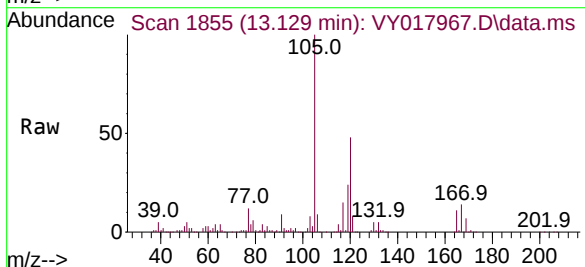
Acq: 18 Apr 2024 11:20

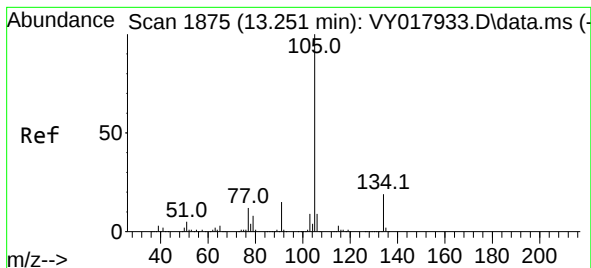
Tgt Ion:105 Resp: 325244

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.06 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

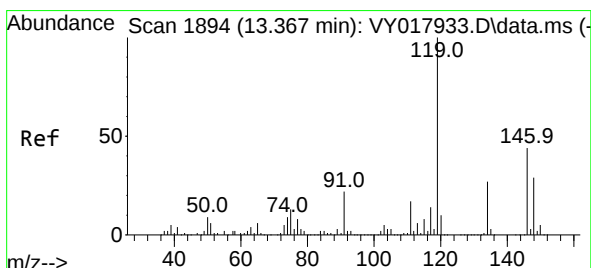
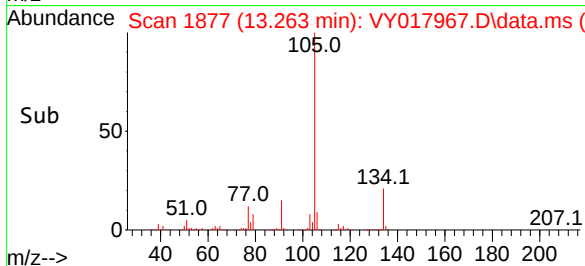
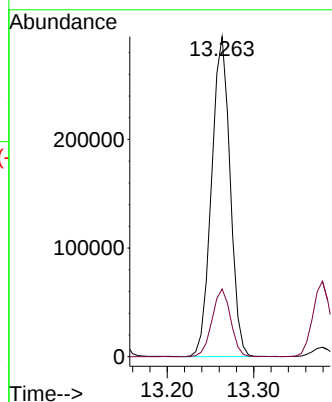
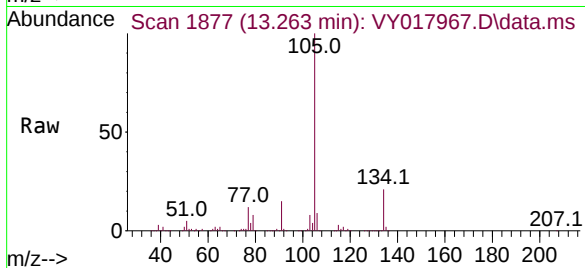
VY0418SBS01

Tgt Ion:105 Resp: 437837

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.15 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

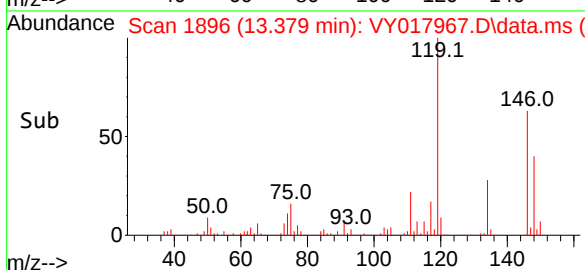
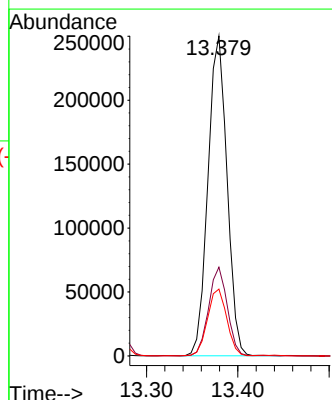
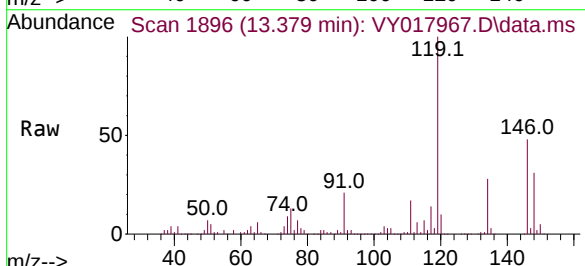
Tgt Ion:119 Resp: 361384

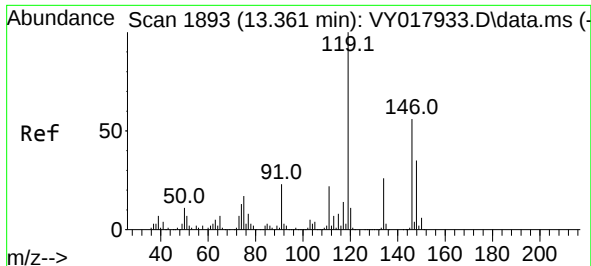
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 21.1 10.7 32.1

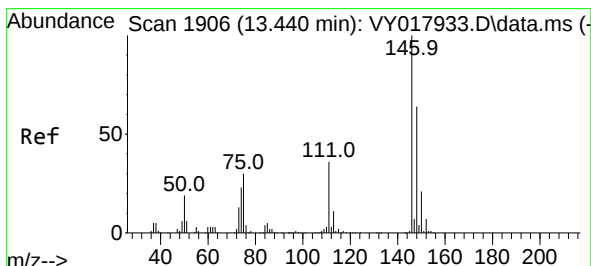
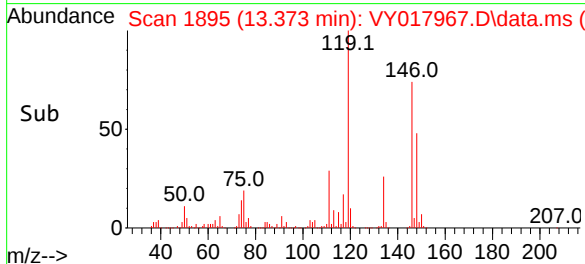
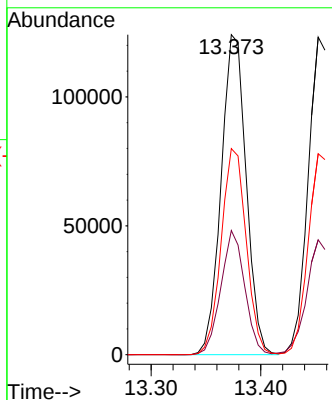
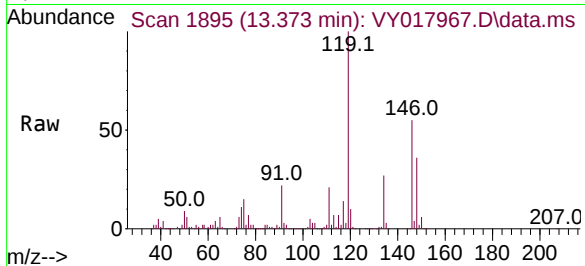




#87
1,3-Dichlorobenzene
Concen: 19.44 ug/l
RT: 13.373 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

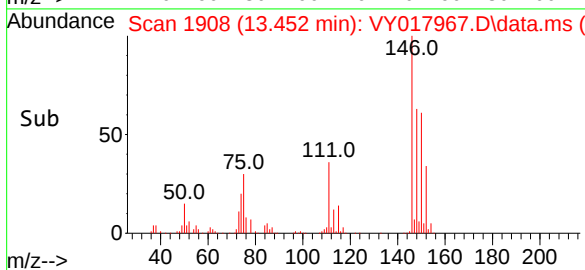
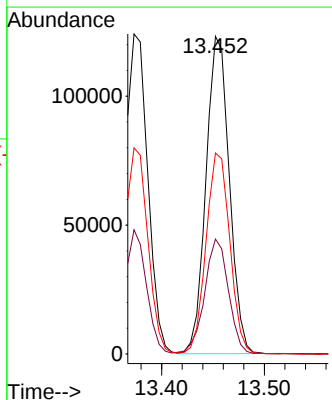
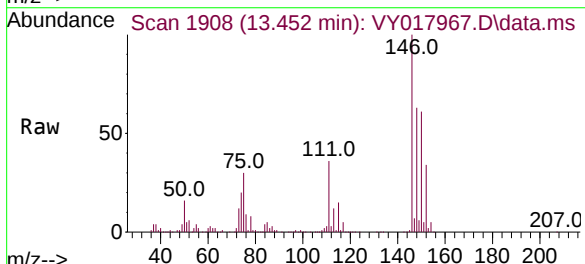
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

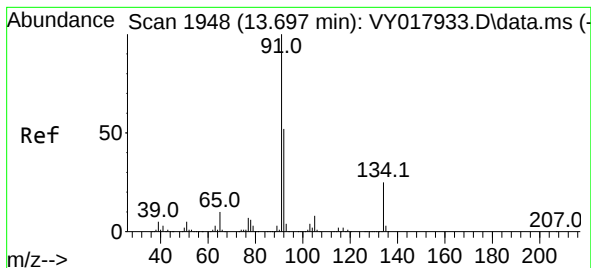
Tgt Ion:146 Resp: 197129
Ion Ratio Lower Upper
146 100
111 36.9 19.0 57.0
148 64.3 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 19.51 ug/l
RT: 13.452 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion:146 Resp: 194220
Ion Ratio Lower Upper
146 100
111 37.0 18.4 55.4
148 64.6 32.4 97.2





#89

n-Butylbenzene

Concen: 18.60 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

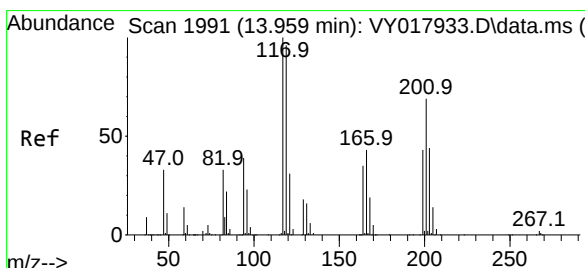
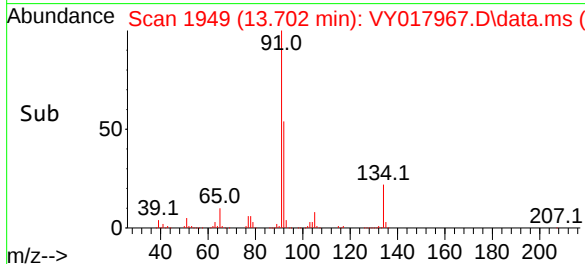
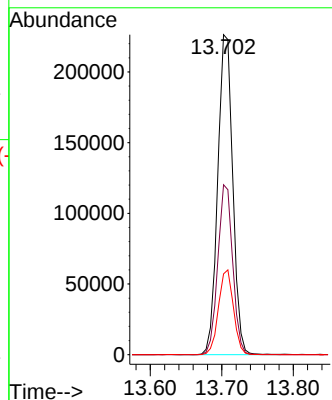
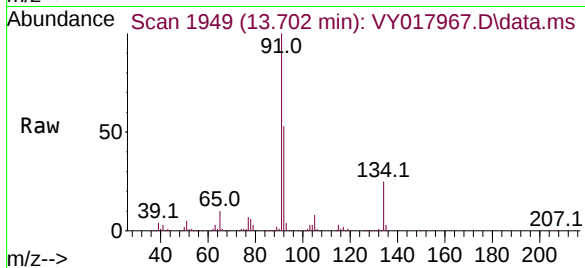
Tgt Ion: 91 Resp: 330199

Ion Ratio Lower Upper

91 100

92 52.5 26.6 79.7

134 26.3 12.9 38.7



#90

Hexachloroethane

Concen: 19.18 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY017967.D

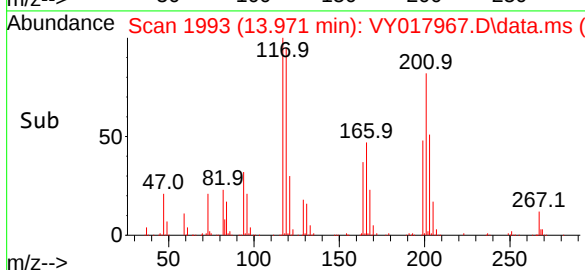
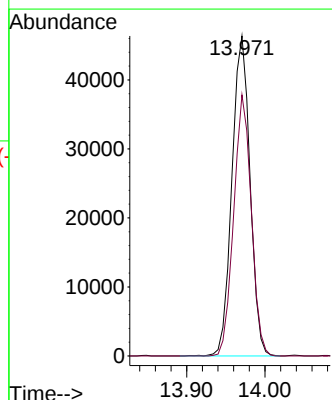
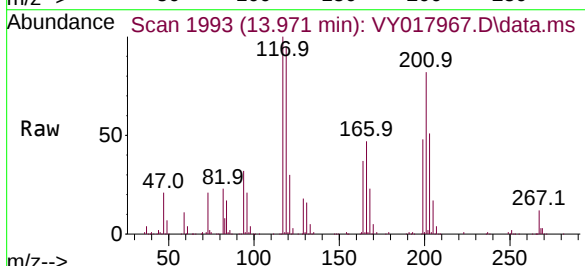
Acq: 18 Apr 2024 11:20

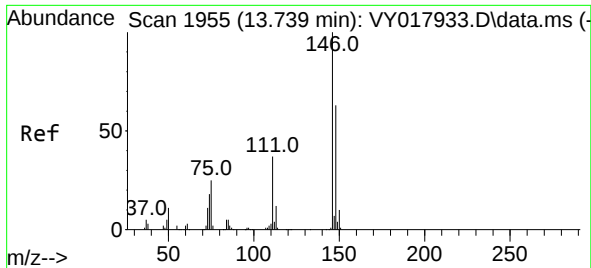
Tgt Ion: 117 Resp: 74213

Ion Ratio Lower Upper

117 100

201 79.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.75 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

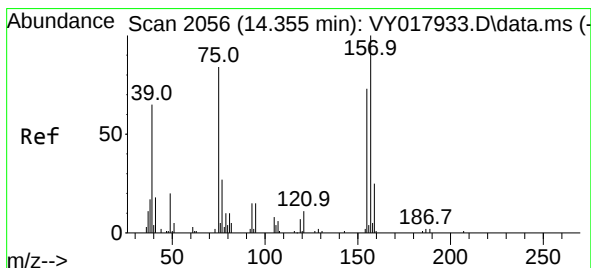
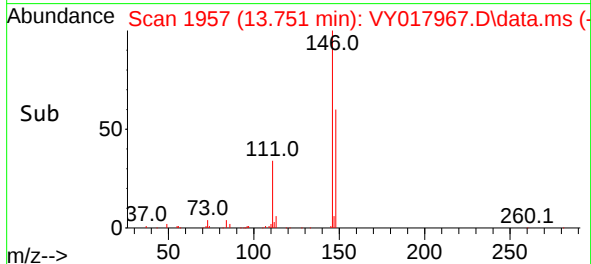
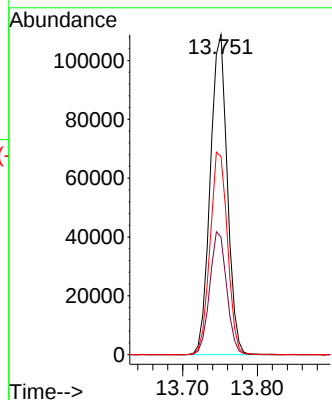
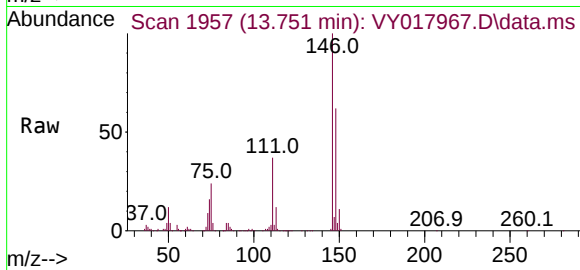
Tgt Ion:146 Resp: 172736

Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.7

148 64.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.71 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

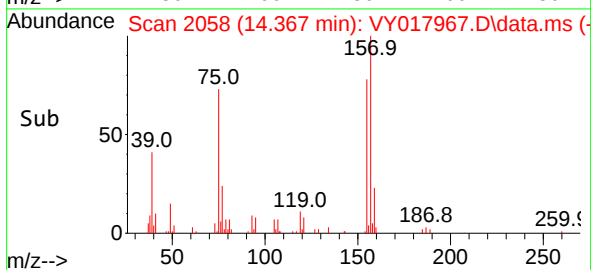
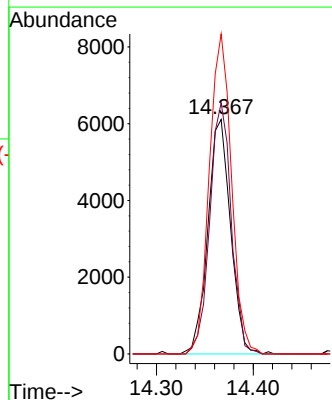
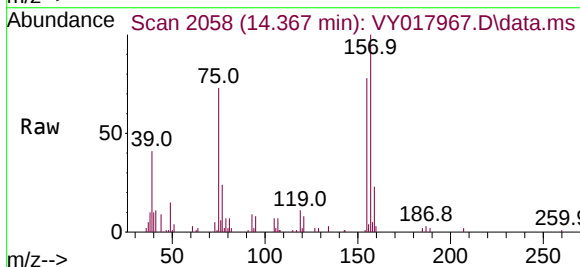
Tgt Ion: 75 Resp: 9986

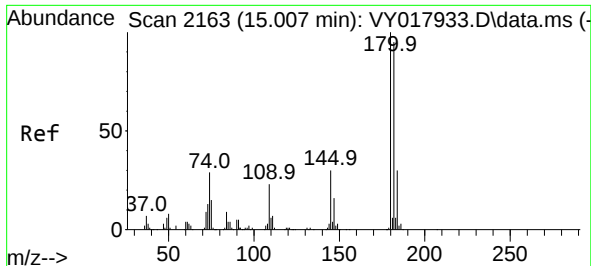
Ion Ratio Lower Upper

75 100

155 101.2 48.6 145.8

157 133.0 62.7 188.2

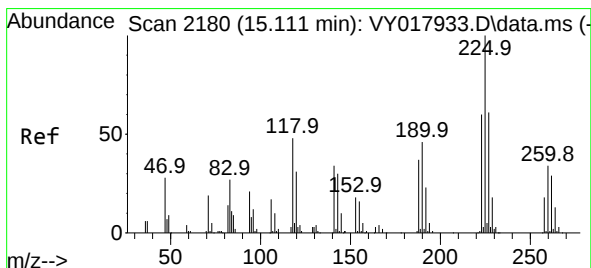
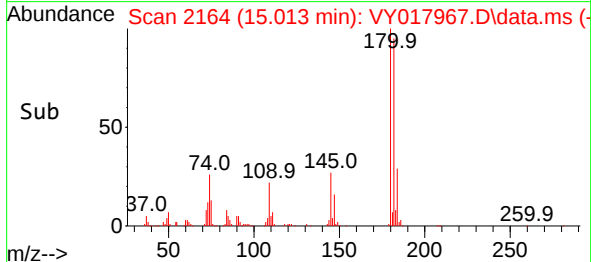
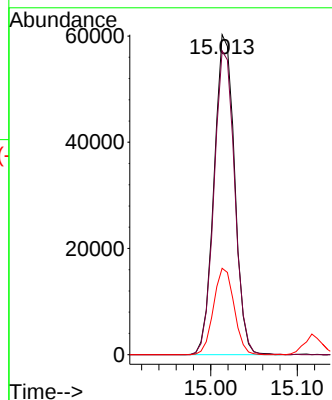
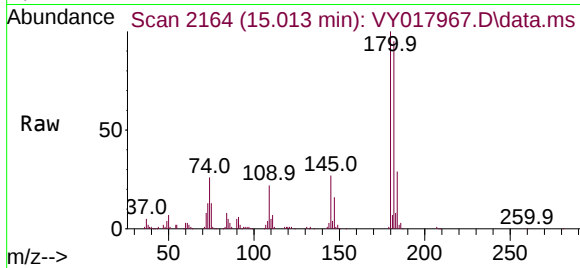




#93
1,2,4-Trichlorobenzene
Concen: 19.42 ug/l
RT: 15.013 min Scan# 2163
Delta R.T. 0.006 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

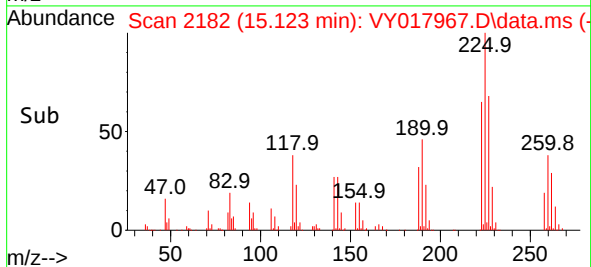
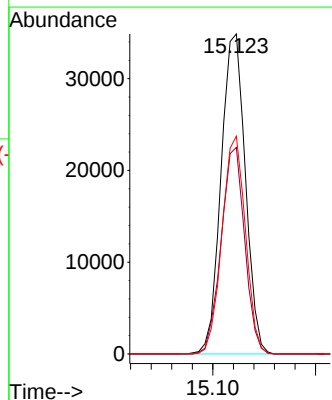
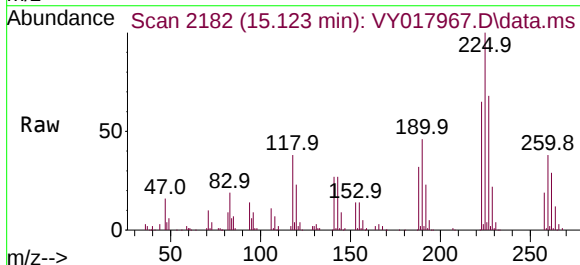
Instrument :
MSVOA_Y
ClientSampleId :
VY0418SBS01

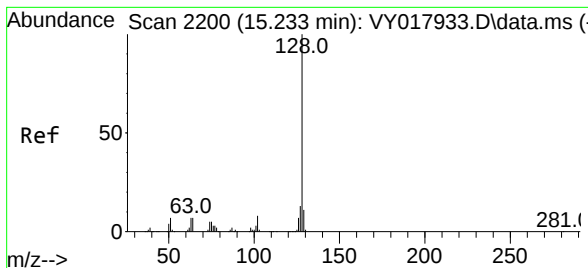
Tgt Ion:180 Resp: 98902
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.8
145 27.1 14.2 42.6



#94
Hexachlorobutadiene
Concen: 18.92 ug/l
RT: 15.123 min Scan# 2182
Delta R.T. 0.012 min
Lab File: VY017967.D
Acq: 18 Apr 2024 11:20

Tgt Ion:225 Resp: 57178
Ion Ratio Lower Upper
225 100
223 62.6 30.4 91.2
227 65.6 31.9 95.9





#95

Naphthalene

Concen: 19.57 ug/l

RT: 15.245 min Scan# 2200

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0418SBS01

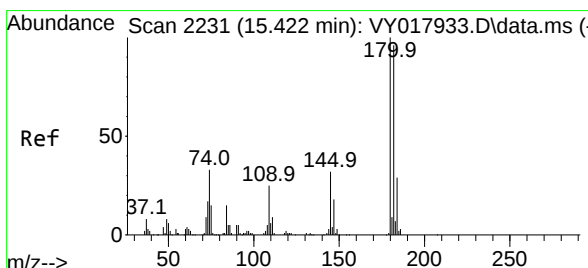
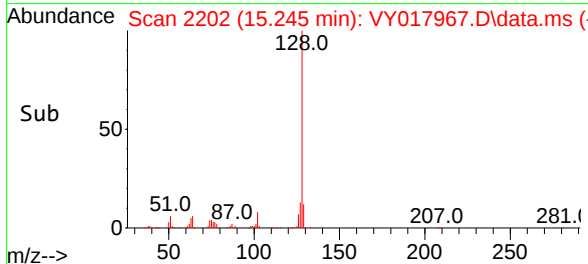
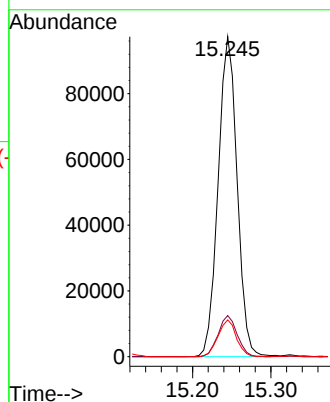
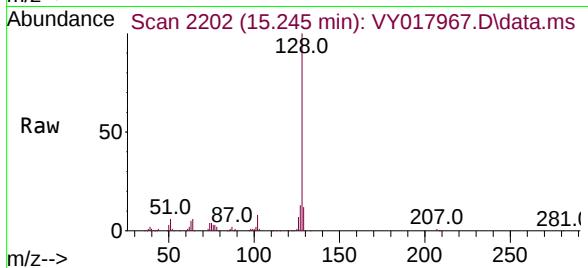
Tgt Ion:128 Resp: 164282

Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.86 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. 0.012 min

Lab File: VY017967.D

Acq: 18 Apr 2024 11:20

Tgt Ion:180 Resp: 84876

Ion Ratio Lower Upper

180 100

182 94.0 47.6 142.9

145 29.3 15.4 46.1

