

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021885.D
 Acq On : 15 Apr 2025 10:31
 Operator : SY/MD
 Sample : VY0415SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

Quant Time: Apr 16 03:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	243611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	377912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	332831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	172638	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	124383	47.125	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.240%
35) Dibromofluoromethane	7.634	113	121979	49.758	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.520%
50) Toluene-d8	10.109	98	460739	49.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.408	95	159315	50.504	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45143	17.879	ug/l	96
3) Chloromethane	2.068	50	63496	17.884	ug/l	100
4) Vinyl Chloride	2.202	62	69039	17.194	ug/l	99
5) Bromomethane	2.592	94	58097	21.214	ug/l	99
6) Chloroethane	2.732	64	48311	18.387	ug/l	100
7) Trichlorofluoromethane	3.056	101	97125	18.883	ug/l	95
8) Diethyl Ether	3.452	74	26745	19.120	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.805	101	53155	19.594	ug/l	97
10) Methyl Iodide	4.000	142	57974	19.480	ug/l	100
11) Tert butyl alcohol	4.884	59	15844	92.417	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	48470	18.969	ug/l	92
13) Acrolein	3.659	56	13030	41.624	ug/l	97
14) Allyl chloride	4.385	41	74827	18.366	ug/l	99
15) Acrylonitrile	5.061	53	55320	94.720	ug/l	99
16) Acetone	3.879	43	44952	83.215	ug/l	99
17) Carbon Disulfide	4.104	76	142621	16.946	ug/l	99
18) Methyl Acetate	4.385	43	27277	20.374	ug/l	98
19) Methyl tert-butyl Ether	5.116	73	121901	19.162	ug/l	97
20) Methylene Chloride	4.616	84	57384	19.337	ug/l	91
21) trans-1,2-Dichloroethene	5.110	96	54151	19.247	ug/l	96
22) Diisopropyl ether	6.018	45	169196	19.797	ug/l	98
23) Vinyl Acetate	5.957	43	458683	91.742	ug/l	97
24) 1,1-Dichloroethane	5.921	63	100512	19.668	ug/l	99
25) 2-Butanone	6.902	43	66729	86.486	ug/l	98
26) 2,2-Dichloropropane	6.884	77	87336	19.212	ug/l	98
27) cis-1,2-Dichloroethene	6.890	96	62594	19.784	ug/l	98
28) Bromochloromethane	7.244	49	40530	18.805	ug/l	97
29) Tetrahydrofuran	7.268	42	45272	91.170	ug/l	99
30) Chloroform	7.421	83	104140	19.593	ug/l	97
31) Cyclohexane	7.701	56	83349	17.892	ug/l	90
32) 1,1,1-Trichloroethane	7.616	97	92724	19.301	ug/l	98
36) 1,1-Dichloropropene	7.835	75	71419	19.127	ug/l	98
37) Ethyl Acetate	6.988	43	33151	18.812	ug/l	99
38) Carbon Tetrachloride	7.817	117	85307	19.947	ug/l	95
39) Methylcyclohexane	9.109	83	85264	19.115	ug/l	97
40) Benzene	8.079	78	224539	20.080	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	17093	18.265	ug/l #	100
42) 1,2-Dichloroethane	8.158	62	62212	19.735	ug/l	100
43) Isopropyl Acetate	8.195	43	63195	18.923	ug/l	98
44) Trichloroethene	8.865	130	59481	20.877	ug/l	97
45) 1,2-Dichloropropane	9.140	63	53002	20.024	ug/l	98
46) Dibromomethane	9.231	93	30944	20.285	ug/l	97
47) Bromodichloromethane	9.420	83	80993	20.490	ug/l	98
48) Methyl methacrylate	9.219	41	29261	19.091	ug/l	99
49) 1,4-Dioxane	9.237	88	6675	408.464	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	165664	95.326	ug/l	98
52) Toluene	10.170	92	139036	19.929	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	69226	19.717	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	82535	19.927	ug/l	96
55) 1,1,2-Trichloroethane	10.572	97	39785	20.266	ug/l	98
56) Ethyl methacrylate	10.438	69	49539	19.763	ug/l	97
57) 1,3-Dichloropropane	10.713	76	68537	20.215	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	123964	101.375	ug/l	99
59) 2-Hexanone	10.761	43	107853	93.186	ug/l	99
60) Dibromochloromethane	10.914	129	54537	20.348	ug/l	99
61) 1,2-Dibromoethane	11.018	107	37437	20.329	ug/l	98
64) Tetrachloroethene	10.646	164	67174	22.160	ug/l	96
65) Chlorobenzene	11.444	112	154845	20.295	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	56910	21.023	ug/l	99
67) Ethyl Benzene	11.517	91	257763	19.702	ug/l	98
68) m/p-Xylenes	11.627	106	202072	40.335	ug/l	99
69) o-Xylene	11.956	106	93613	20.243	ug/l	100
70) Styrene	11.969	104	160316	20.792	ug/l	98
71) Bromoform	12.133	173	31905	20.662	ug/l #	98
73) Isopropylbenzene	12.255	105	248704	19.396	ug/l	99
74) N-amyl acetate	12.072	43	55120	18.316	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	42852	18.588	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	59930	35.020	ug/l #	100
77) Bromobenzene	12.529	156	60960	19.801	ug/l	98
78) n-propylbenzene	12.596	91	303563	19.692	ug/l	99
79) 2-Chlorotoluene	12.676	91	175760	19.630	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	209687	20.009	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	13215	17.793	ug/l	94
82) 4-Chlorotoluene	12.779	91	183351	19.642	ug/l	98
83) tert-Butylbenzene	12.999	119	183159	19.622	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	205805	19.870	ug/l	100
85) sec-Butylbenzene	13.176	105	271894	19.932	ug/l	100
86) p-Isopropyltoluene	13.291	119	224215	19.887	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	122656	20.222	ug/l	100
88) 1,4-Dichlorobenzene	13.365	146	121568	20.286	ug/l	98
89) n-Butylbenzene	13.621	91	204620	19.625	ug/l	100
90) Hexachloroethane	13.883	117	48225	19.519	ug/l	96
91) 1,2-Dichlorobenzene	13.657	146	107275	20.317	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	7097	19.862	ug/l	98
93) 1,2,4-Trichlorobenzene	14.919	180	61618	21.519	ug/l	98
94) Hexachlorobutadiene	15.023	225	39220	21.932	ug/l	98
95) Naphthalene	15.145	128	99801	21.028	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	53836	22.048	ug/l	98

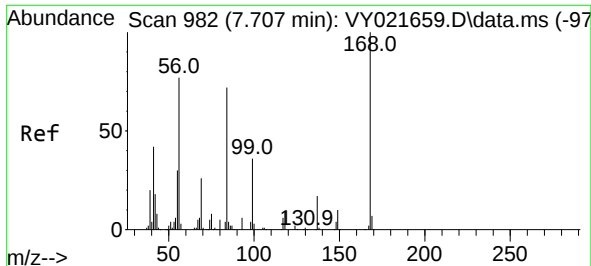
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
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Response via : Initial Calibration

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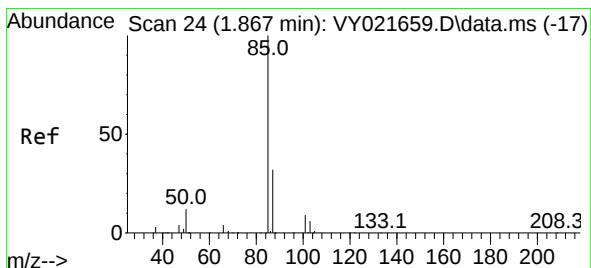
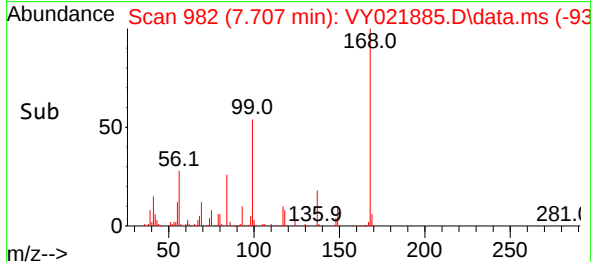
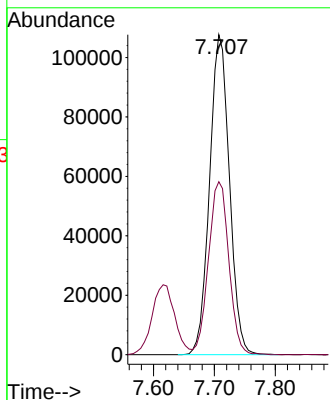
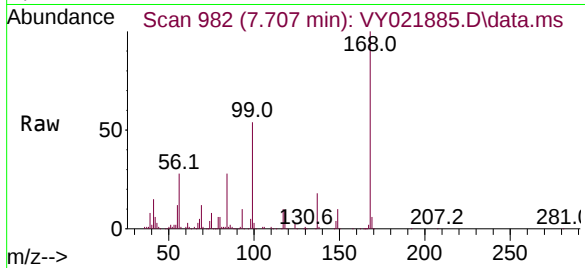
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

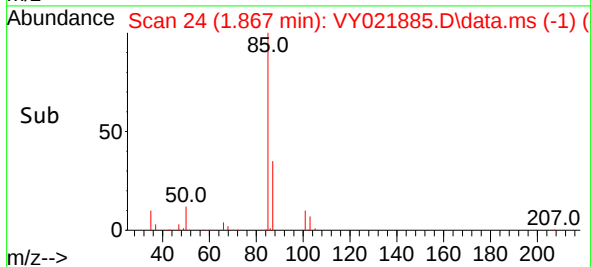
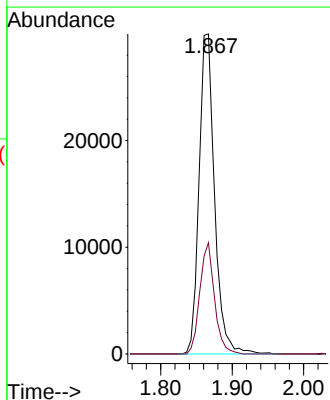
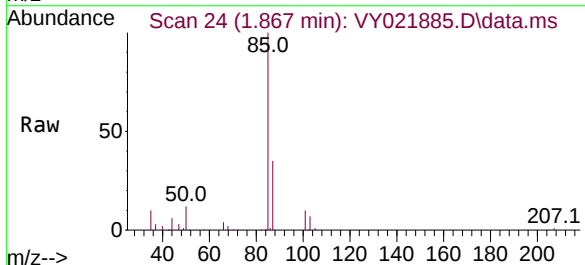
Instrument :
MSVOA_Y
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VY0415SBS01

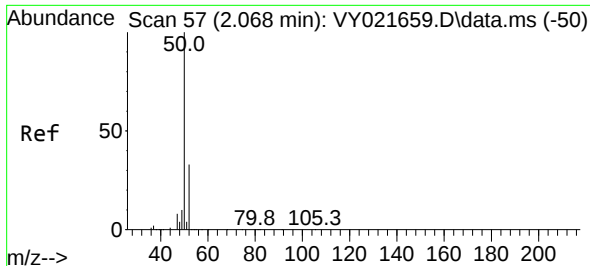
Tgt Ion:168 Resp: 243611
Ion Ratio Lower Upper
168 100
99 54.0 46.7 70.1



#2
Dichlorodifluoromethane
Concen: 17.879 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 85 Resp: 45143
Ion Ratio Lower Upper
85 100
87 34.7 16.2 48.6

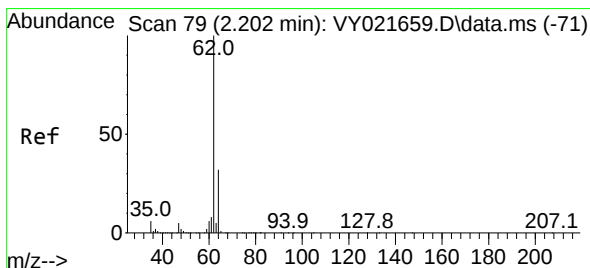
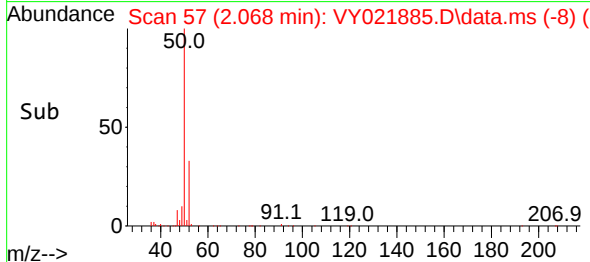
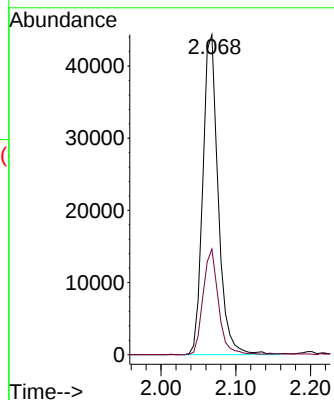
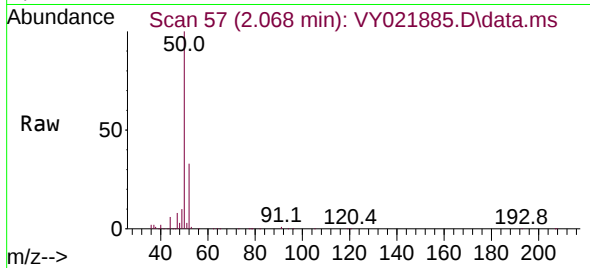




#3
Chloromethane
Concen: 17.884 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

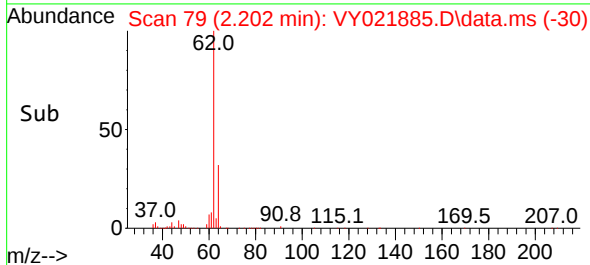
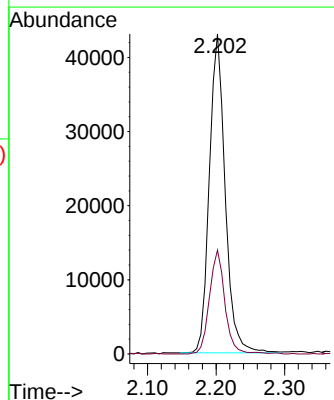
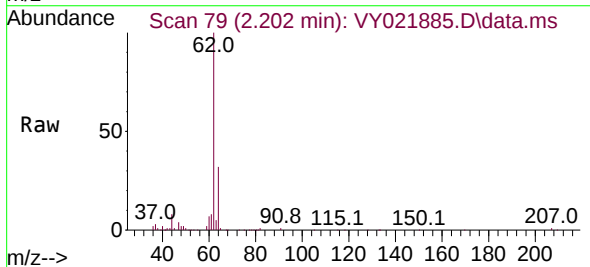
Instrument :
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ClientSampleId :
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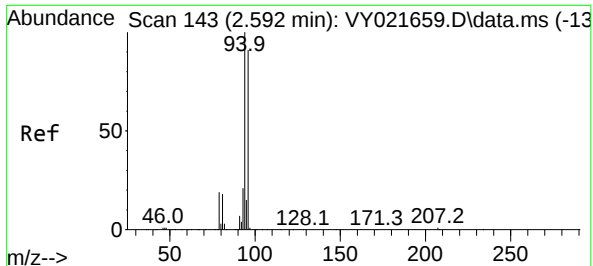
Tgt Ion: 50 Resp: 63496
Ion Ratio Lower Upper
50 100
52 33.0 26.3 39.5



#4
Vinyl Chloride
Concen: 17.194 ug/l
RT: 2.202 min Scan# 79
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 62 Resp: 69039
Ion Ratio Lower Upper
62 100
64 32.6 25.5 38.3

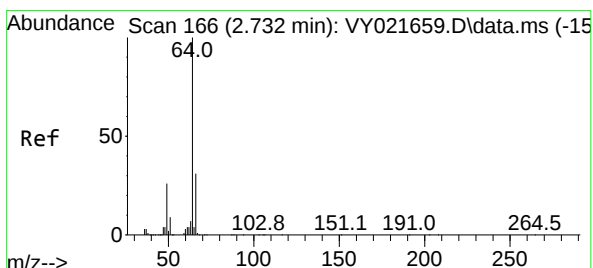
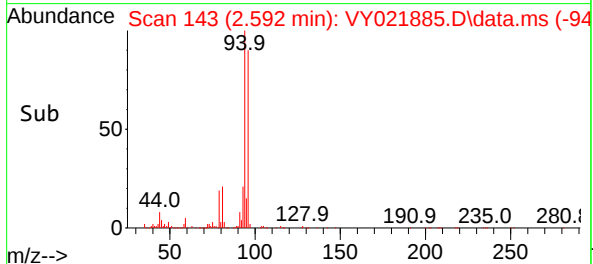
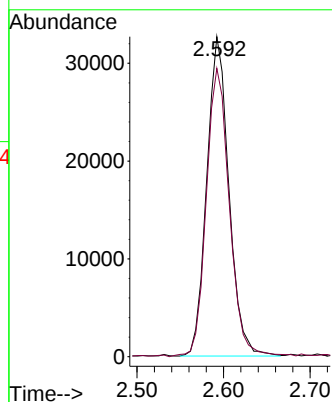
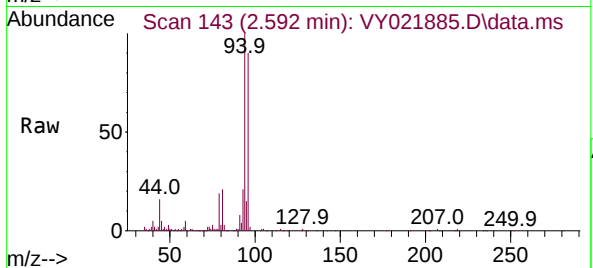




#5
Bromomethane
Concen: 21.214 ug/l
RT: 2.592 min Scan# 143
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

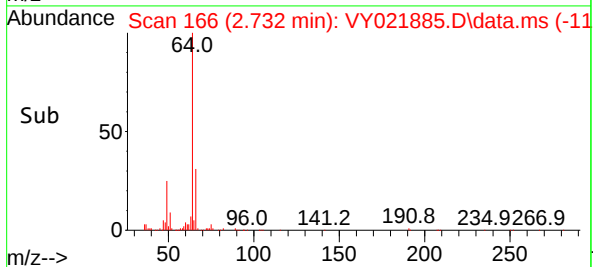
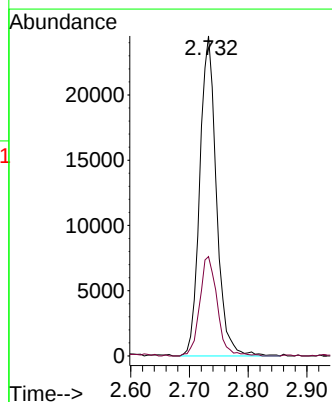
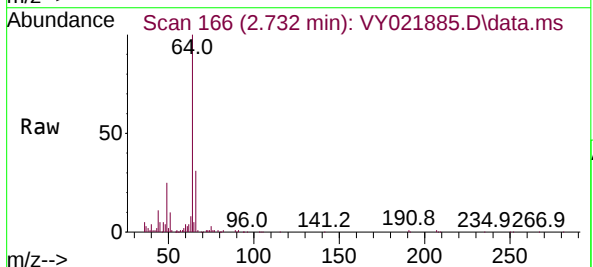
Instrument :
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Tgt Ion: 94 Resp: 58097
Ion Ratio Lower Upper
94 100
96 89.6 72.8 109.2



#6
Chloroethane
Concen: 18.387 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 64 Resp: 48311
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

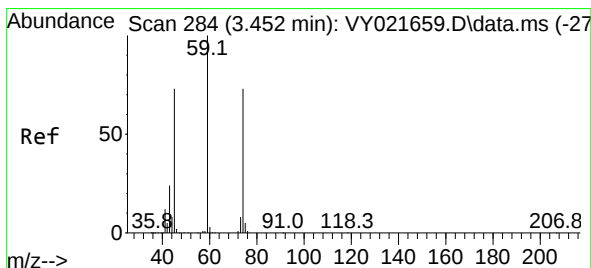
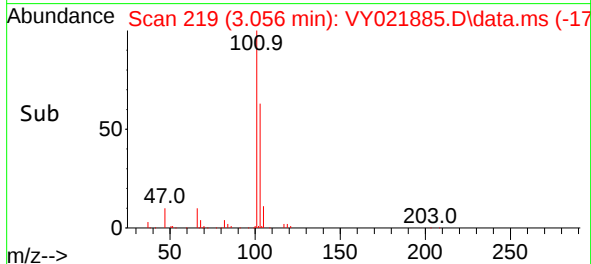
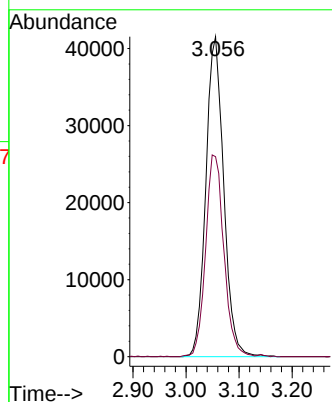
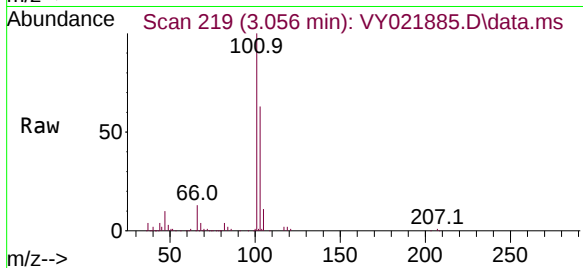




#7
 Trichlorofluoromethane
 Concen: 18.883 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY021885.D
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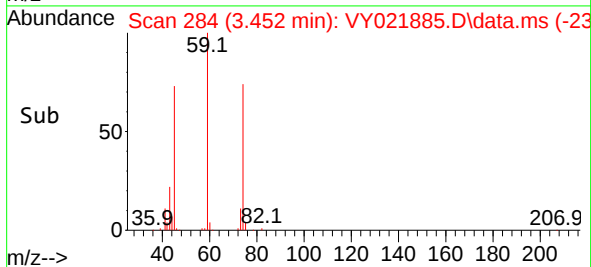
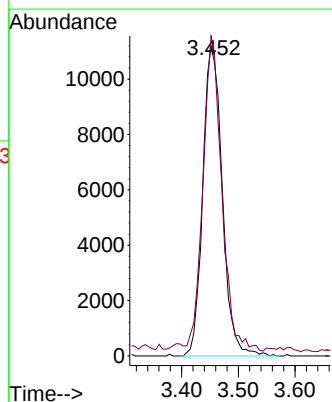
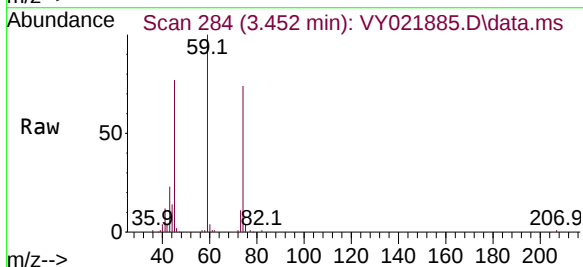
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 ClientSampleId :
 VY0415SBSD01

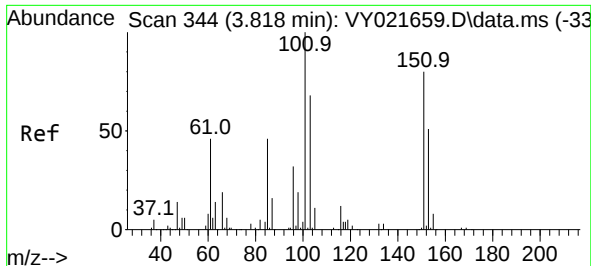
Tgt Ion:101 Resp: 97125
 Ion Ratio Lower Upper
 101 100
 103 62.5 53.1 79.7



#8
 Diethyl Ether
 Concen: 19.120 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

Tgt Ion: 74 Resp: 26745
 Ion Ratio Lower Upper
 74 100
 45 98.6 48.6 145.8

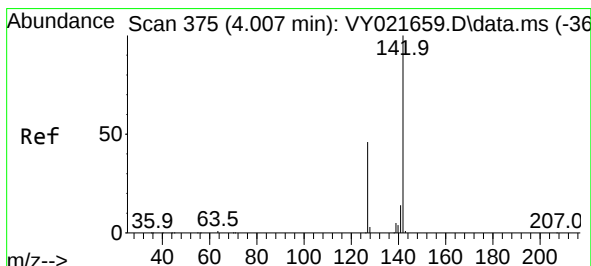
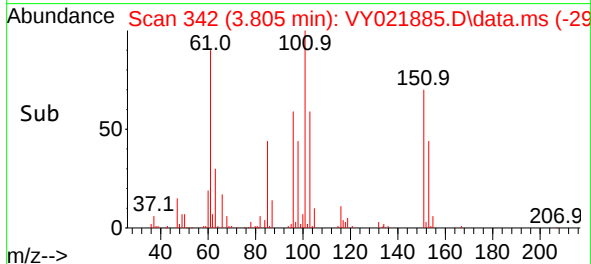
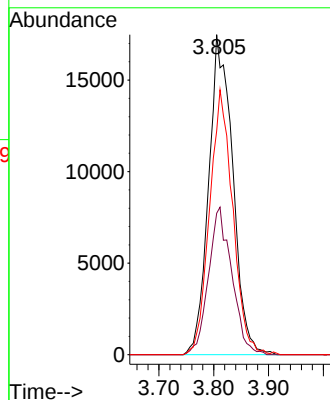
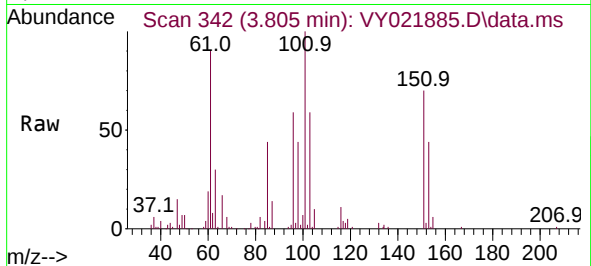




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.594 ug/l
RT: 3.805 min Scan# 344
Delta R.T. -0.012 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

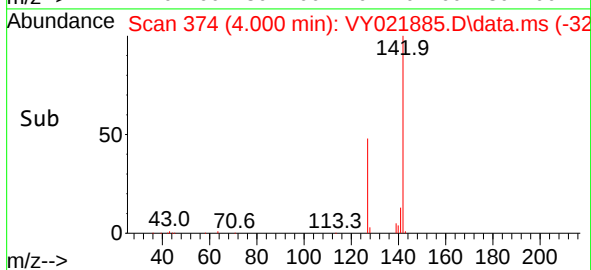
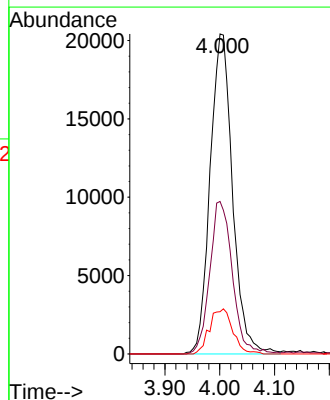
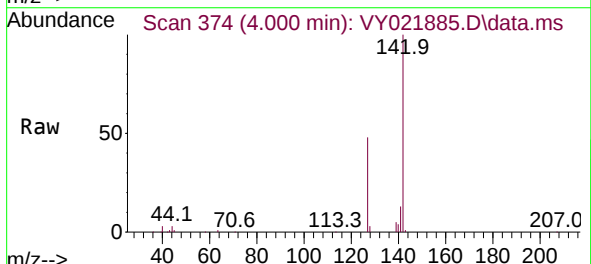
Instrument :
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ClientSampleId :
VY0415SBS01

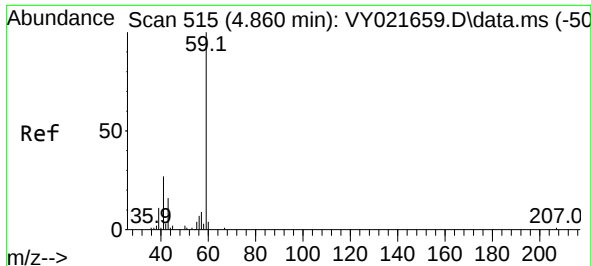
Tgt Ion:101 Resp: 53155
Ion Ratio Lower Upper
101 100
85 44.7 36.3 54.5
151 79.8 61.3 91.9



#10
Methyl Iodide
Concen: 19.480 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion:142 Resp: 57974
Ion Ratio Lower Upper
142 100
127 48.1 38.7 58.1
141 14.7 11.5 17.3

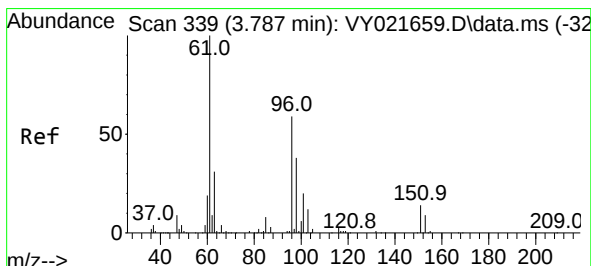
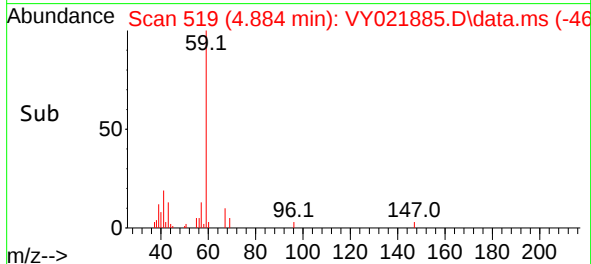
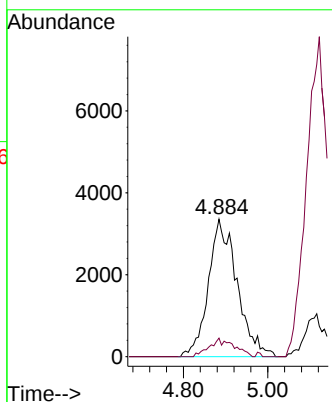
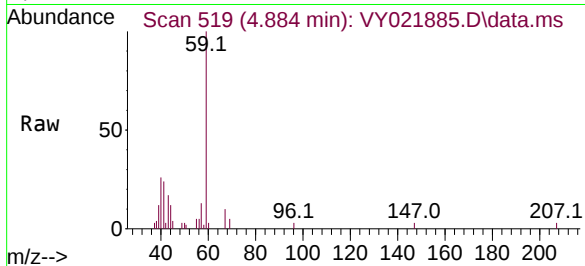




#11
Tert butyl alcohol
Concen: 92.417 ug/l
RT: 4.884 min Scan# 515
Delta R.T. 0.024 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

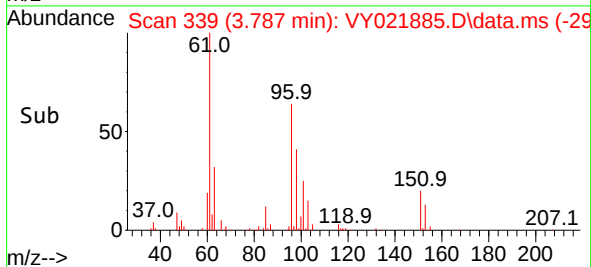
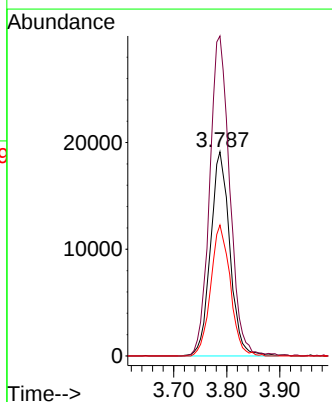
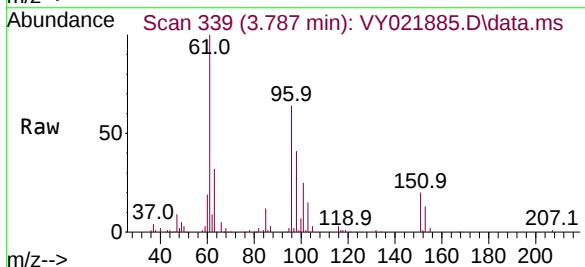
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

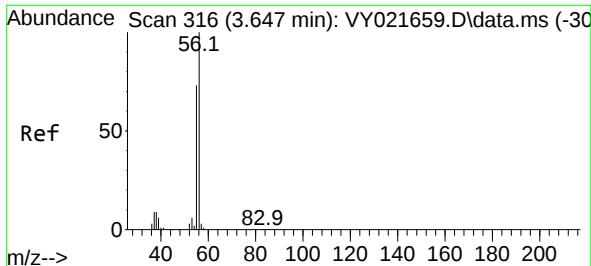
Tgt Ion: 59 Resp: 15844
Ion Ratio Lower Upper
59 100
57 5.8 9.2 13.8#



#12
1,1-Dichloroethene
Concen: 18.969 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 96 Resp: 48470
Ion Ratio Lower Upper
96 100
61 156.8 136.6 204.8
98 64.1 52.3 78.5

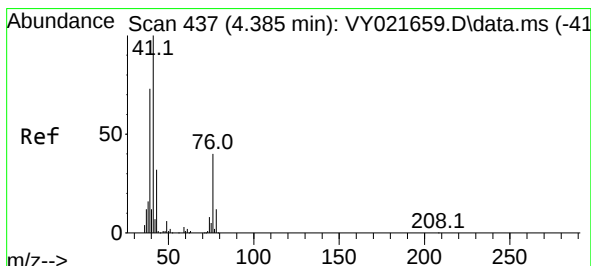
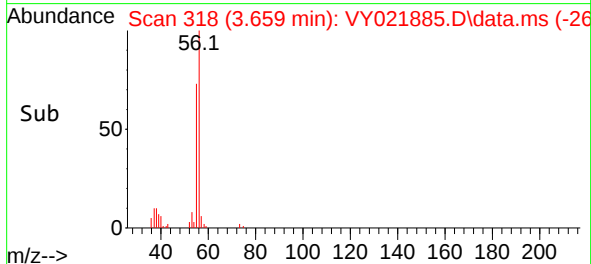
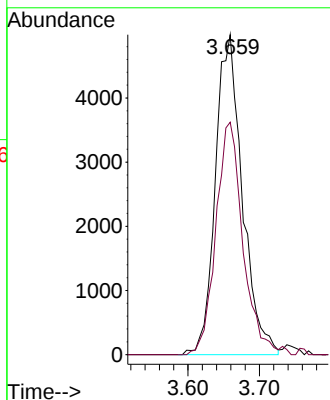
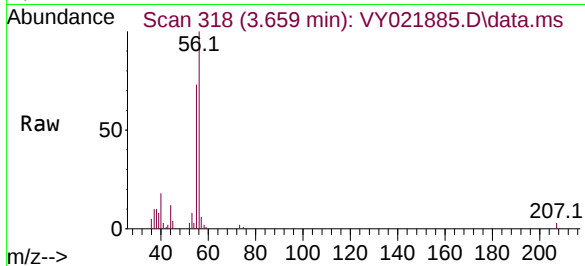




#13
Acrolein
Concen: 41.624 ug/l
RT: 3.659 min Scan# 316
Delta R.T. 0.012 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

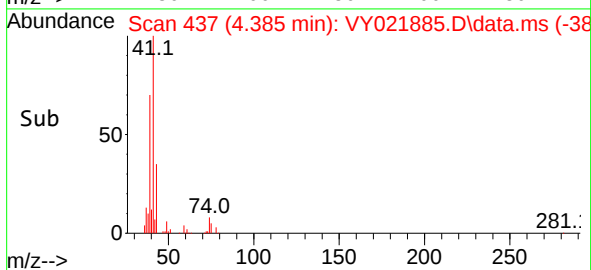
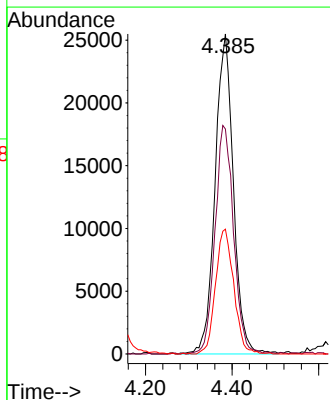
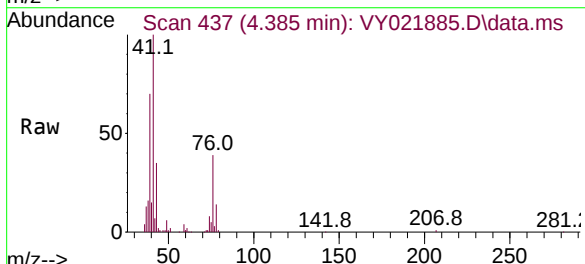
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

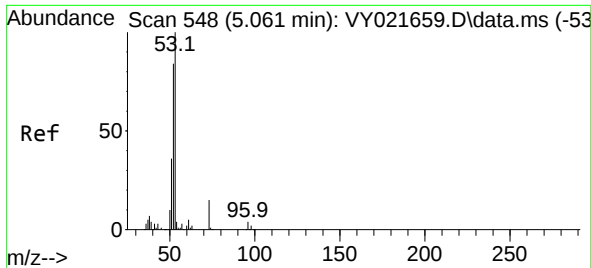
Tgt Ion: 56 Resp: 13030
Ion Ratio Lower Upper
56 100
55 73.1 56.6 85.0



#14
Allyl chloride
Concen: 18.366 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 41 Resp: 74827
Ion Ratio Lower Upper
41 100
39 72.5 58.6 88.0
76 38.9 30.3 45.5

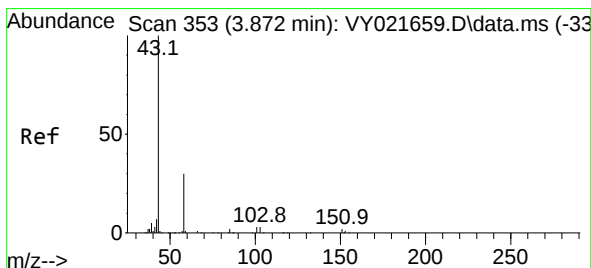
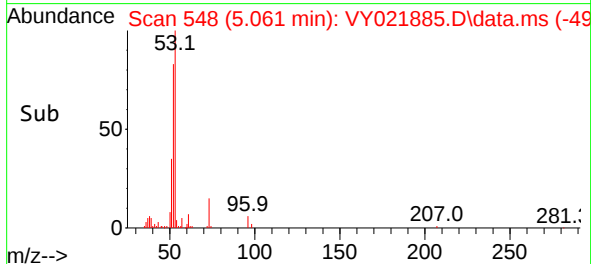
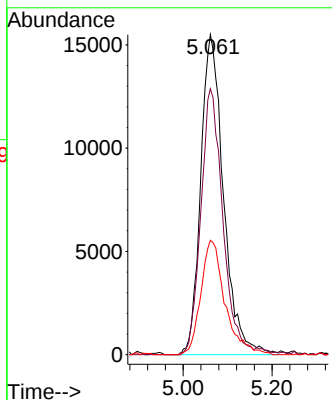
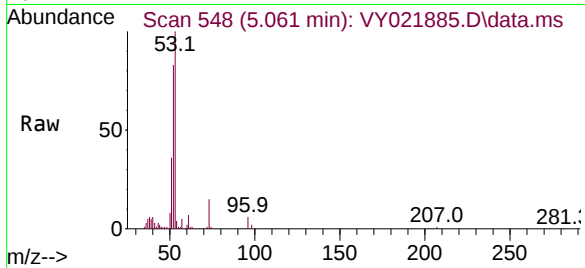




#15
Acrylonitrile
Concen: 94.720 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

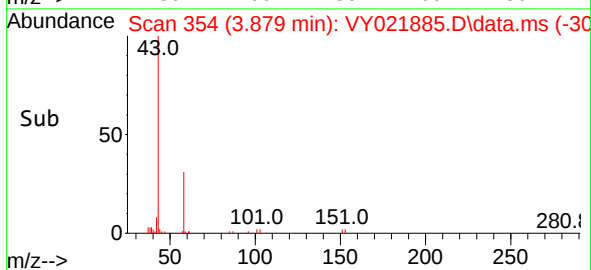
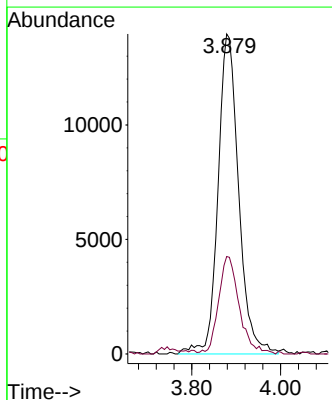
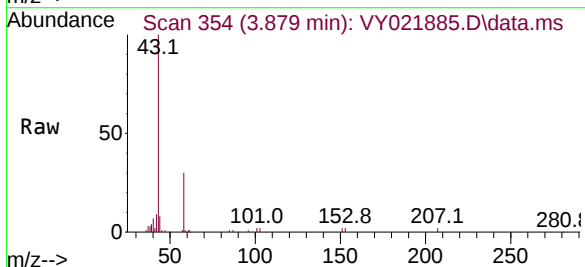
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

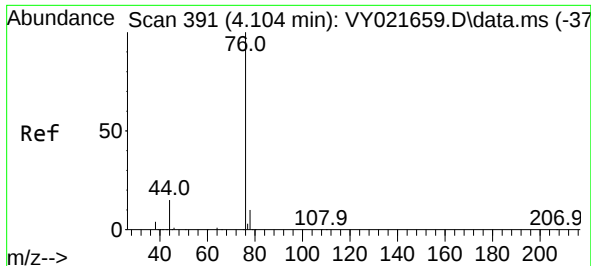
Tgt Ion: 53	Resp: 55320
Ion Ratio	Lower Upper
53 100	
52 79.7	64.9 97.3
51 37.8	30.2 45.2



#16
Acetone
Concen: 83.215 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 43	Resp: 44952
Ion Ratio	Lower Upper
43 100	
58 29.7	24.2 36.4

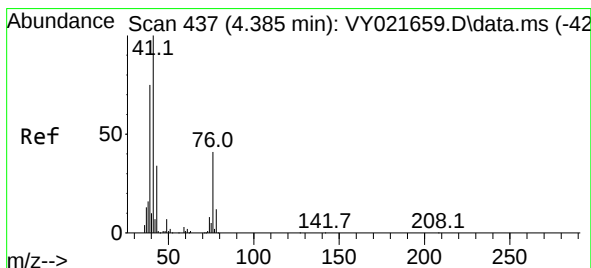
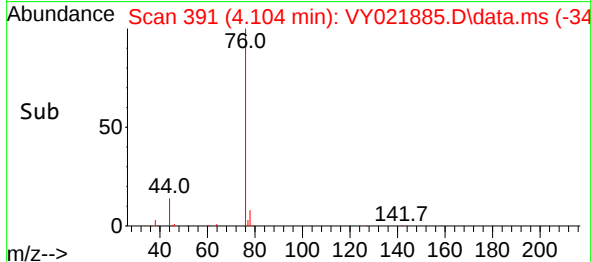
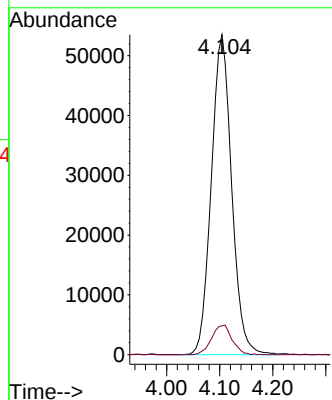
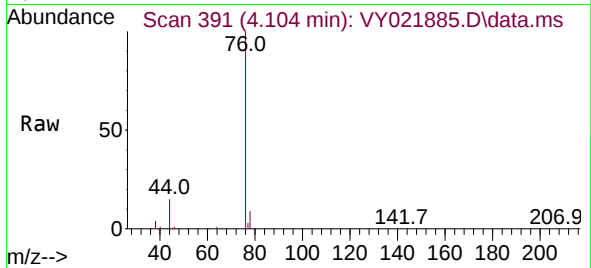




#17
Carbon Disulfide
Concen: 16.946 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

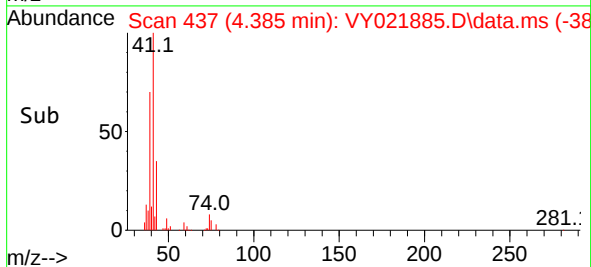
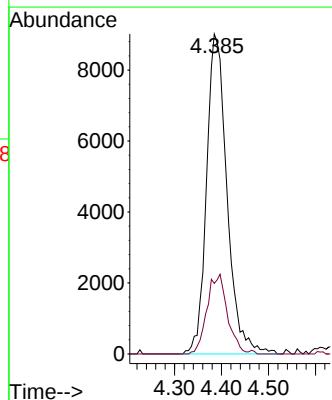
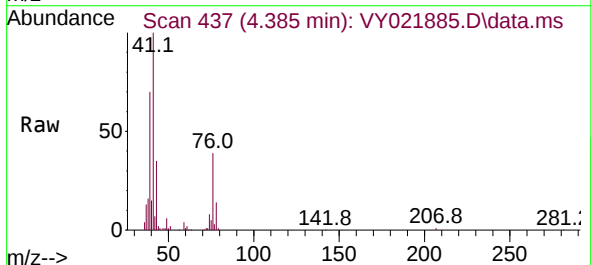
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

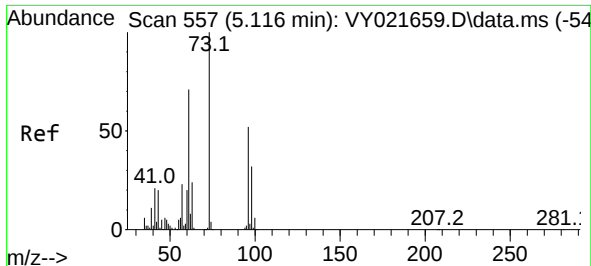
Tgt Ion: 76 Resp: 142621
Ion Ratio Lower Upper
76 100
78 9.1 7.6 11.4



#18
Methyl Acetate
Concen: 20.374 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 43 Resp: 27277
Ion Ratio Lower Upper
43 100
74 24.8 19.1 28.7

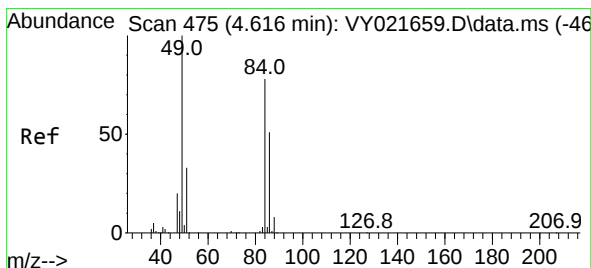
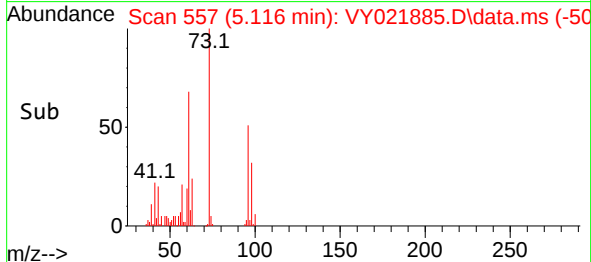
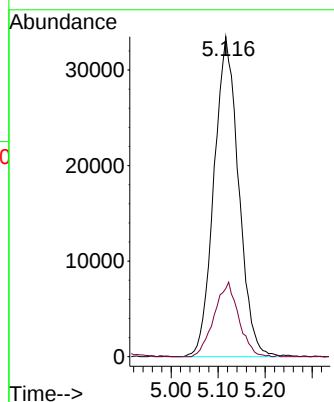
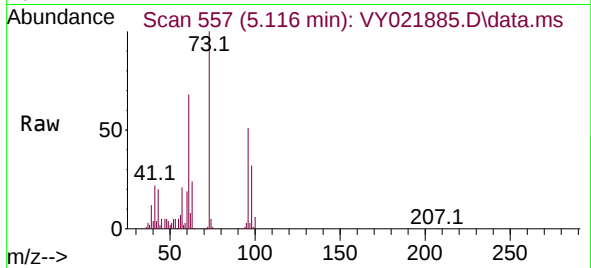




#19
Methyl tert-butyl Ether
Concen: 19.162 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

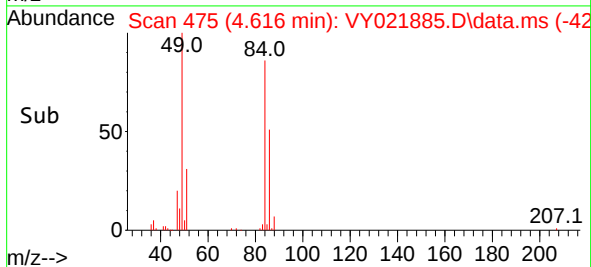
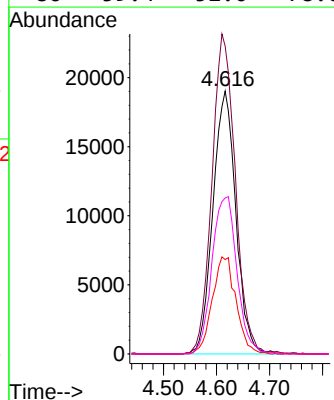
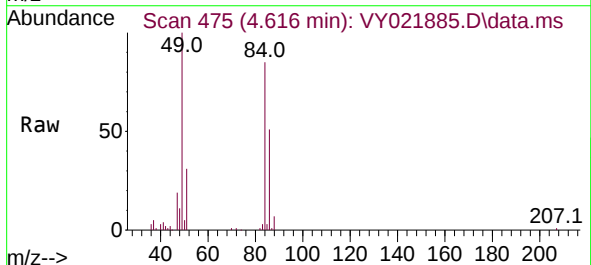
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

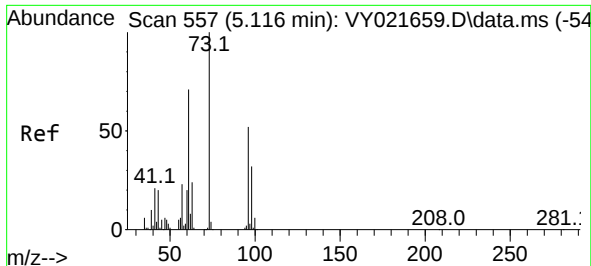
Tgt Ion: 73 Resp: 121901
Ion Ratio Lower Upper
73 100
57 21.3 18.1 27.1



#20
Methylene Chloride
Concen: 19.337 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 84 Resp: 57384
Ion Ratio Lower Upper
84 100
49 117.1 102.8 154.2
51 35.9 33.5 50.3
86 59.4 52.0 78.0

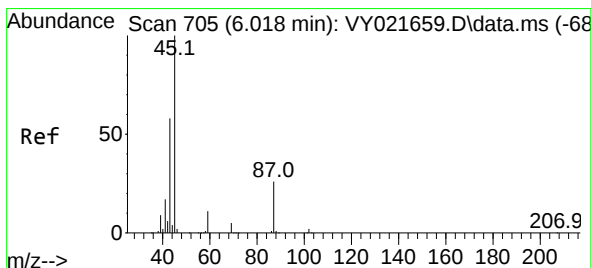
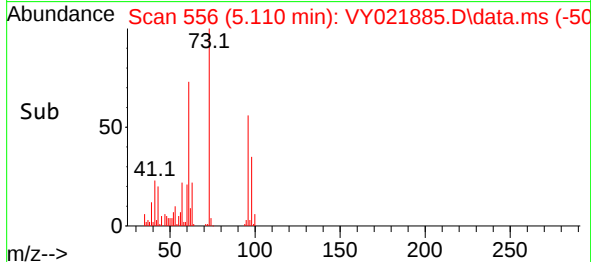
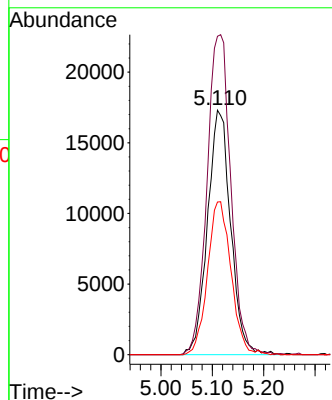
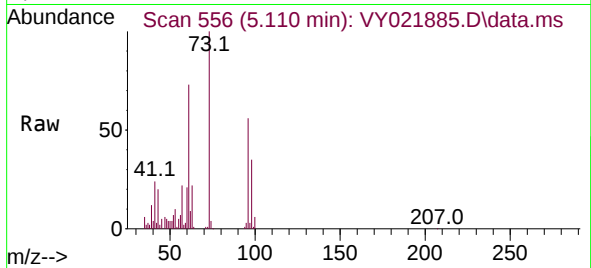




#21
trans-1,2-Dichloroethene
Concen: 19.247 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

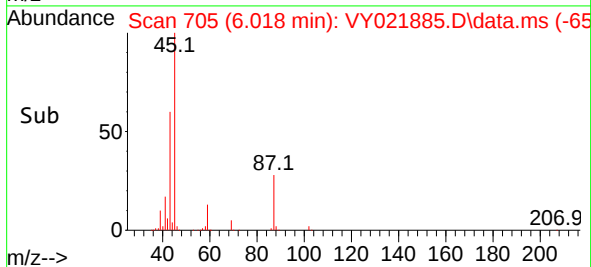
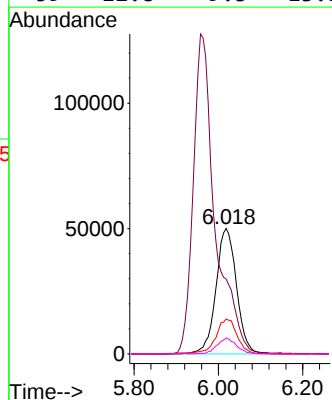
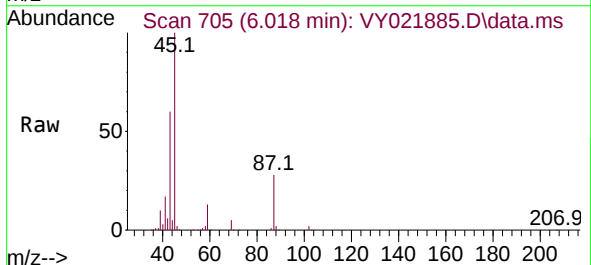
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

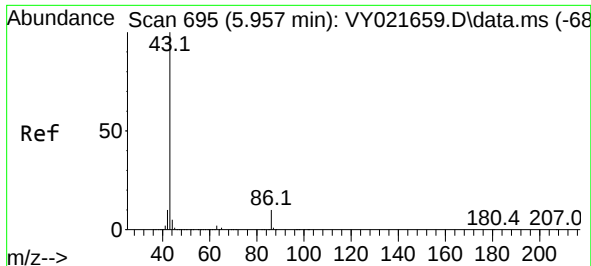
Tgt Ion: 96 Resp: 54151
Ion Ratio Lower Upper
96 100
61 130.3 109.4 164.0
98 62.5 50.2 75.2



#22
Diisopropyl ether
Concen: 19.797 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 45 Resp: 169196
Ion Ratio Lower Upper
45 100
43 58.7 46.6 69.8
87 27.8 20.7 31.1
59 12.8 9.3 13.9

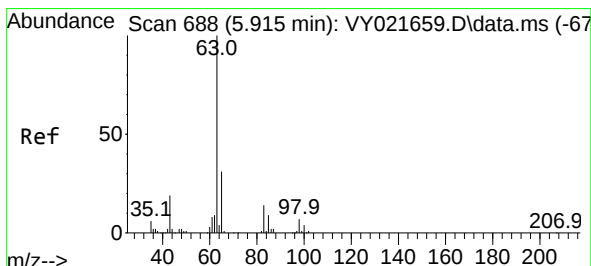
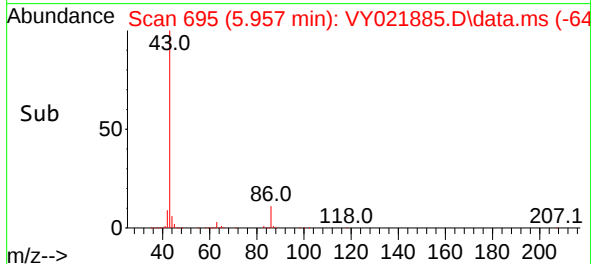
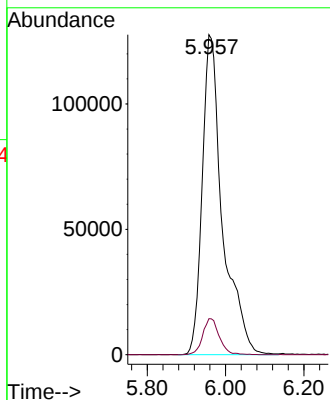
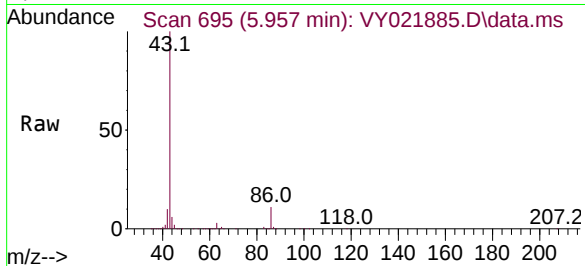




#23
 Vinyl Acetate
 Concen: 91.742 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

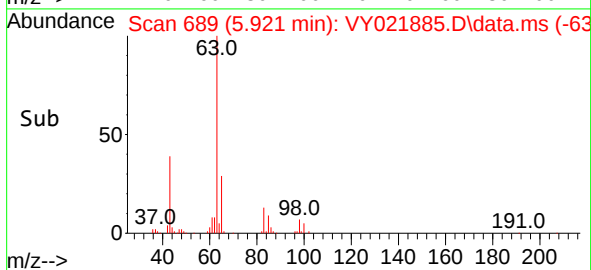
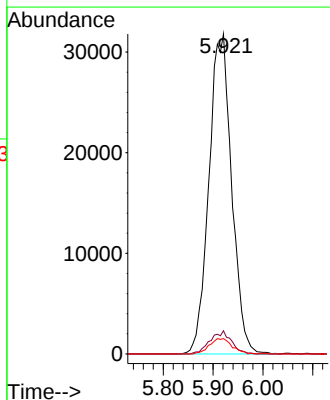
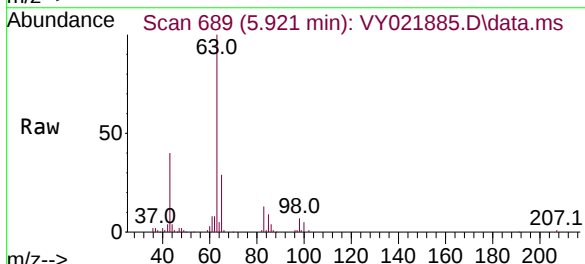
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

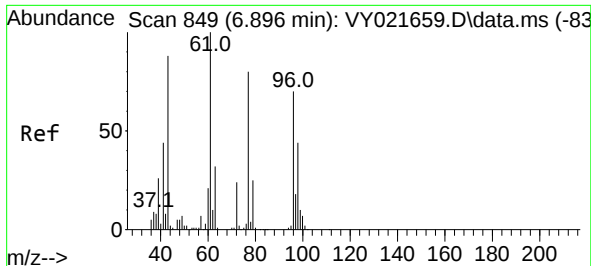
Tgt Ion: 43 Resp: 458683
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.668 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

Tgt Ion: 63 Resp: 100512
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 86.486 ug/l

RT: 6.902 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

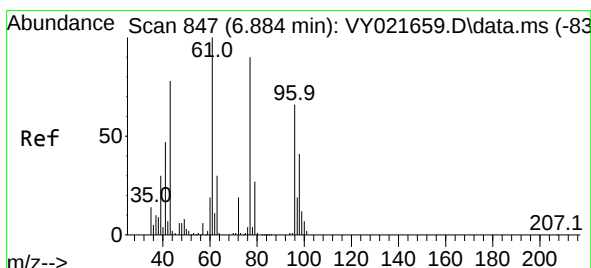
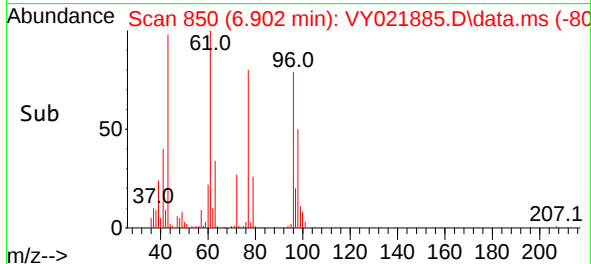
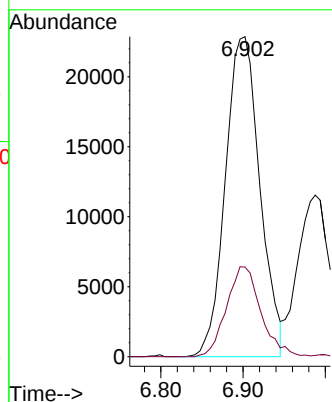
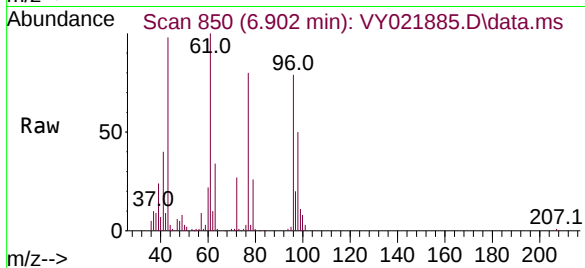
VY0415SBS01

Tgt Ion: 43 Resp: 66729

Ion Ratio Lower Upper

43 100

72 28.0 21.4 32.2



#26

2,2-Dichloropropane

Concen: 19.212 ug/l

RT: 6.884 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY021885.D

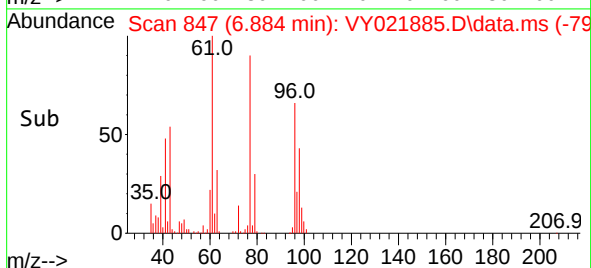
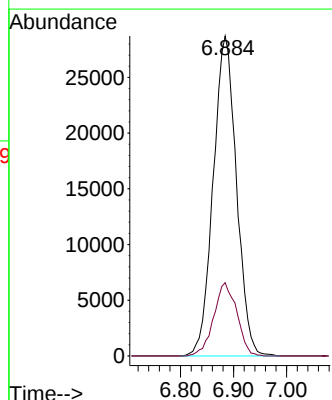
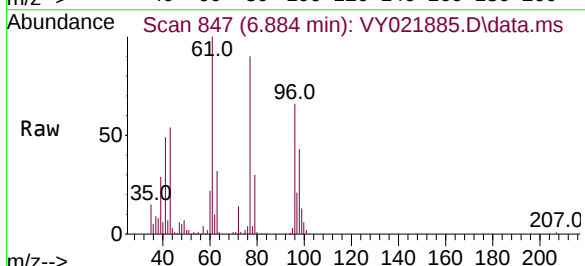
Acq: 15 Apr 2025 10:31

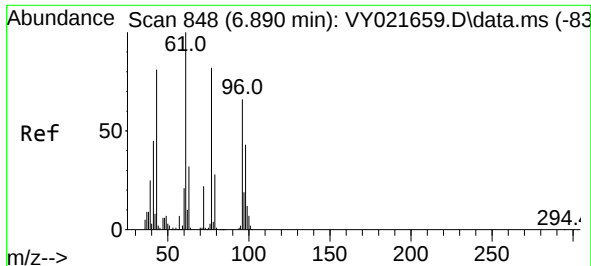
Tgt Ion: 77 Resp: 87336

Ion Ratio Lower Upper

77 100

97 22.8 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 19.784 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

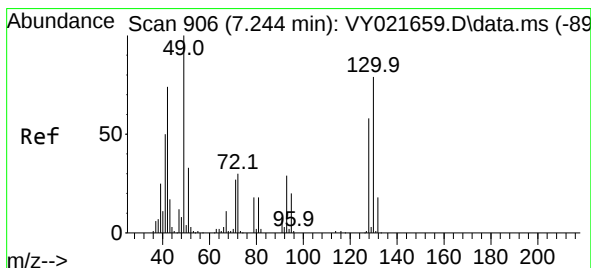
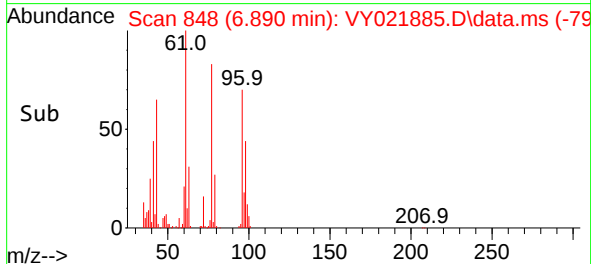
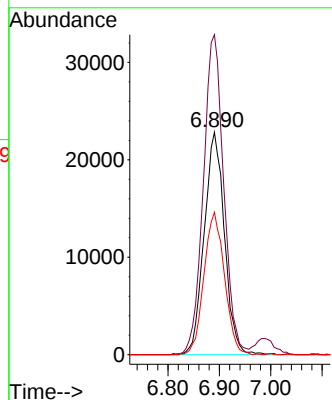
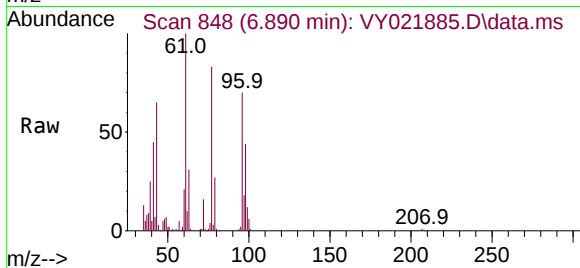
Tgt Ion: 96 Resp: 62594

Ion Ratio Lower Upper

96 100

61 144.6 0.0 296.4

98 64.9 0.0 128.0



#28

Bromochloromethane

Concen: 18.805 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

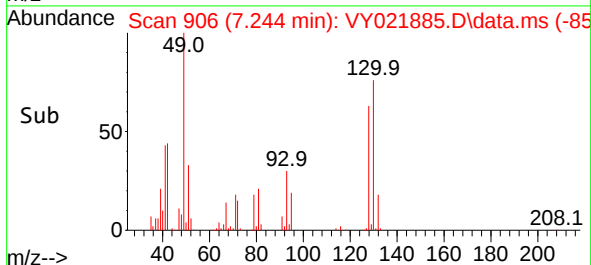
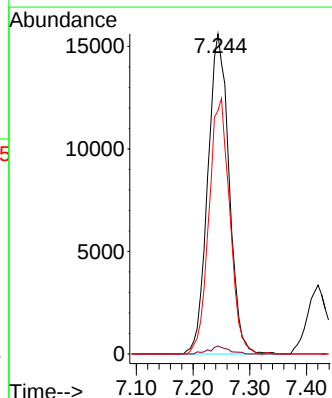
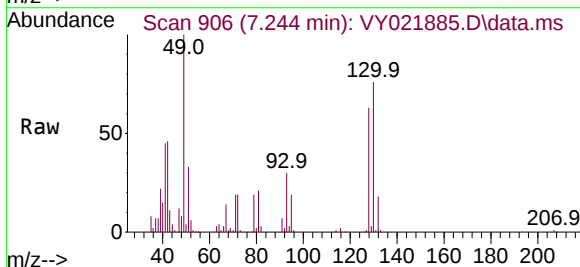
Tgt Ion: 49 Resp: 40530

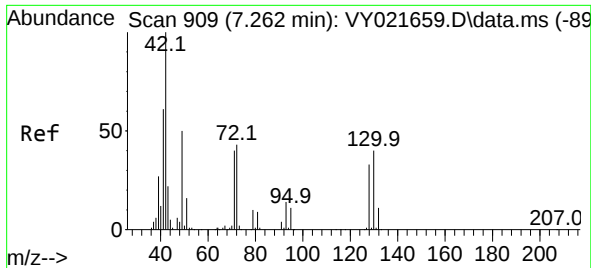
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.4

130 78.1 60.1 90.1

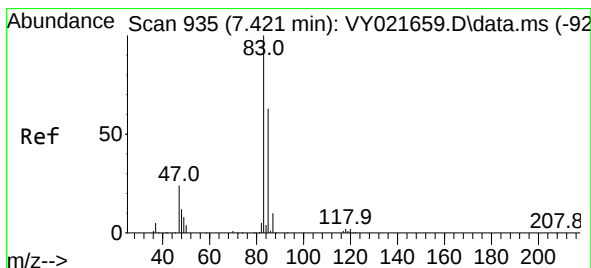
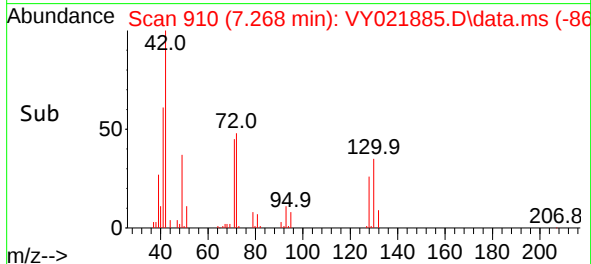
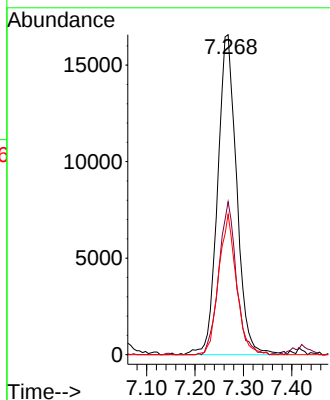
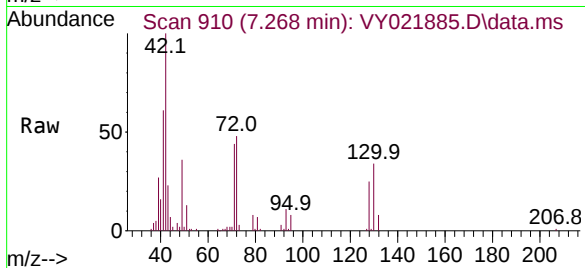




#29
Tetrahydrofuran
Concen: 91.170 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

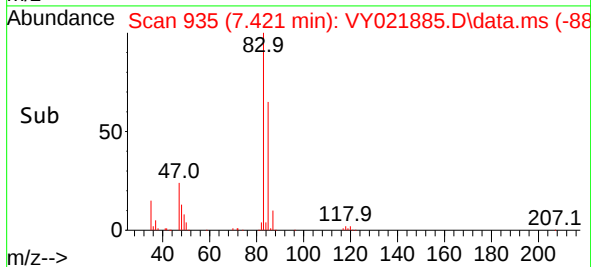
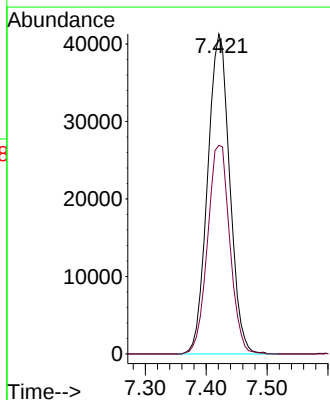
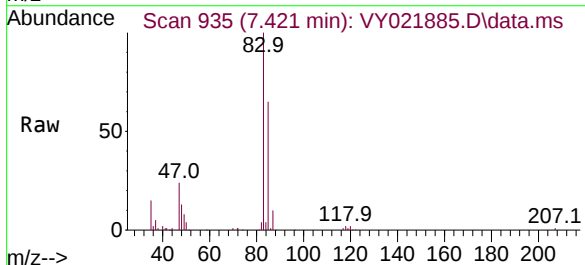
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

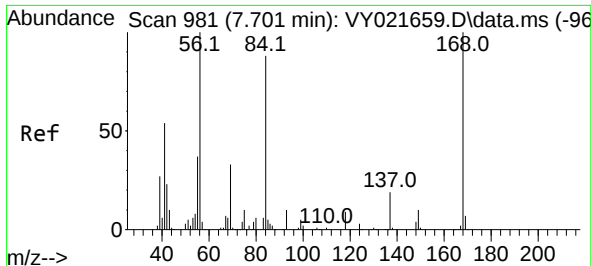
Tgt Ion: 42 Resp: 45272
Ion Ratio Lower Upper
42 100
72 44.4 34.6 52.0
71 41.1 32.5 48.7



#30
Chloroform
Concen: 19.593 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 83 Resp: 104140
Ion Ratio Lower Upper
83 100
85 65.2 50.6 75.8

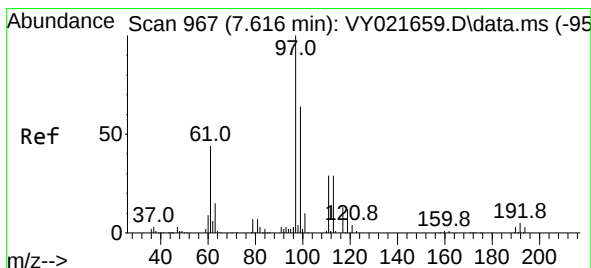
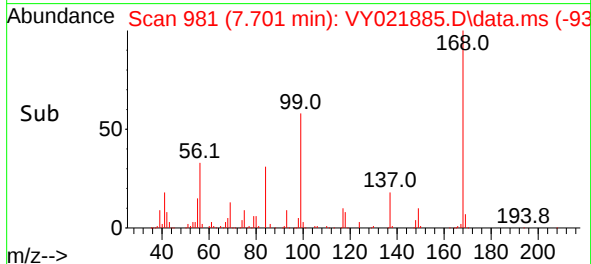
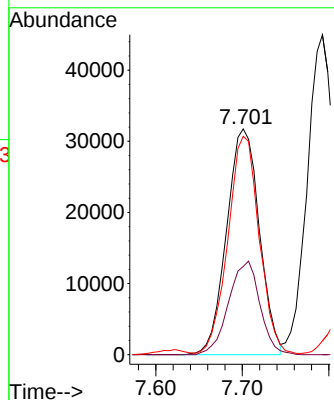
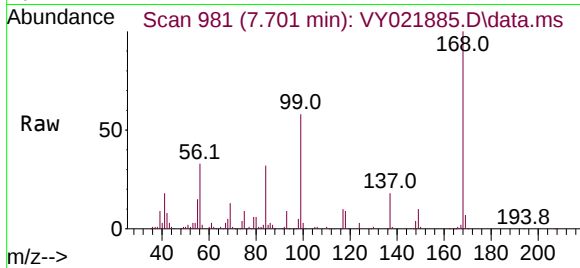




#31
Cyclohexane
Concen: 17.892 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

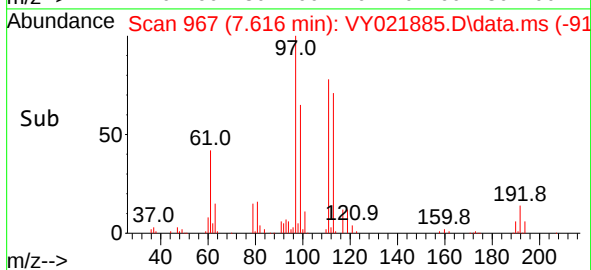
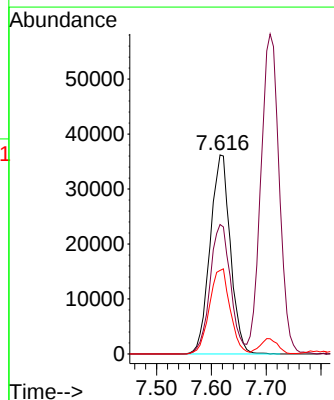
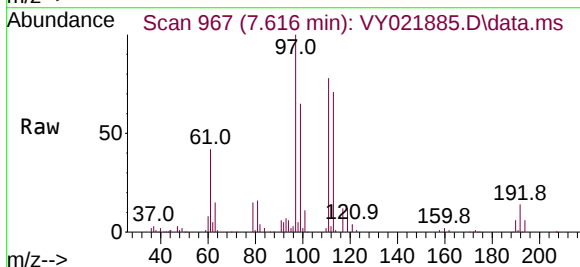
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

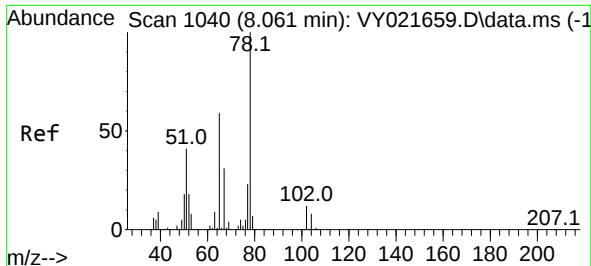
Tgt Ion: 56 Resp: 83349
Ion Ratio Lower Upper
56 100
69 39.0 26.6 40.0
84 94.9 69.0 103.4



#32
1,1,1-Trichloroethane
Concen: 19.301 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 97 Resp: 92724
Ion Ratio Lower Upper
97 100
99 66.4 50.7 76.1
61 43.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.125 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

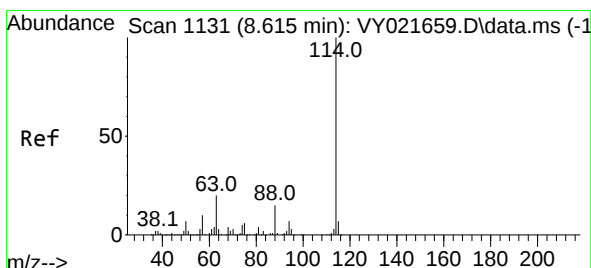
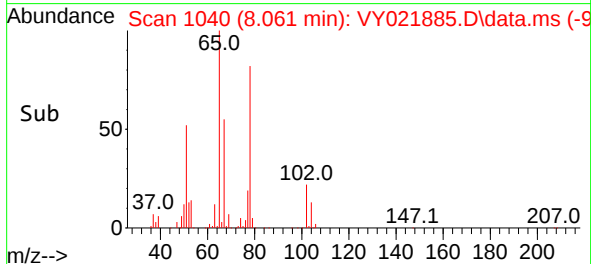
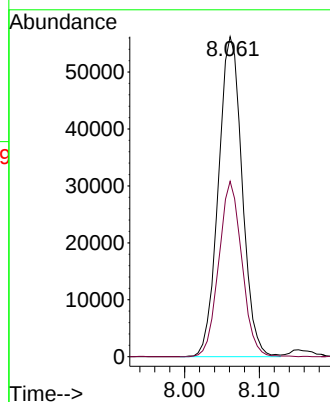
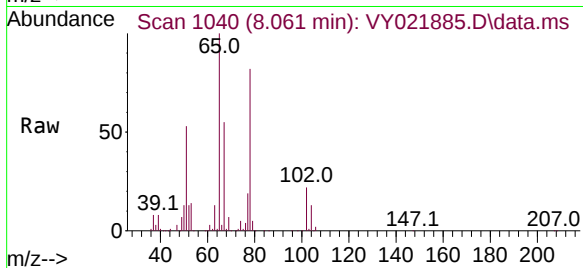
VY0415SBS01

Tgt Ion: 65 Resp: 124383

Ion Ratio Lower Upper

65 100

67 53.2 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

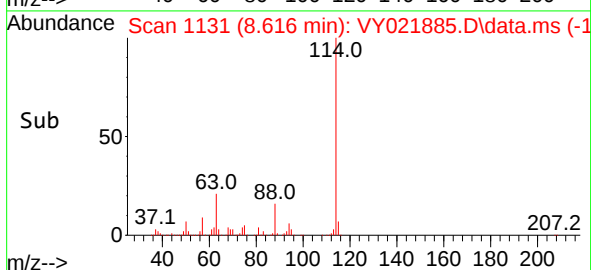
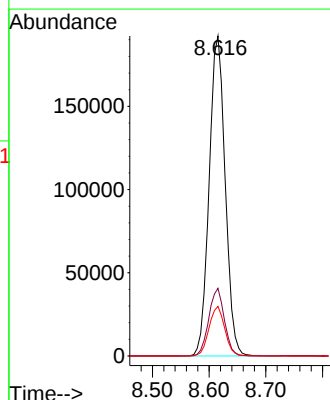
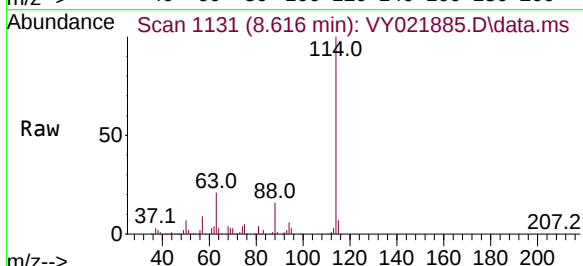
Tgt Ion: 114 Resp: 377912

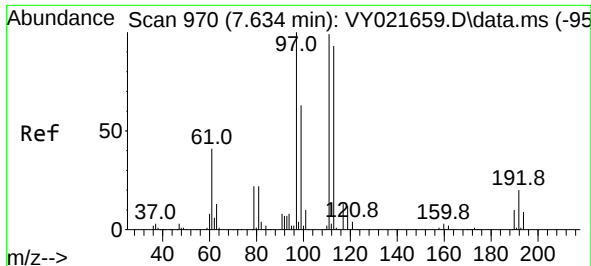
Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.2

88 15.5 0.0 29.8

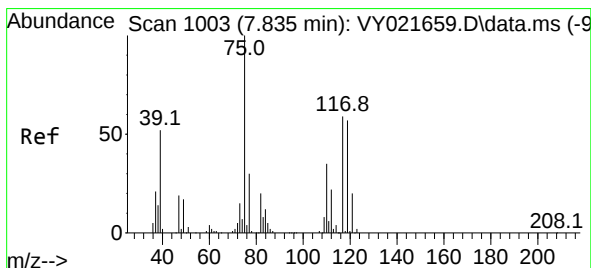
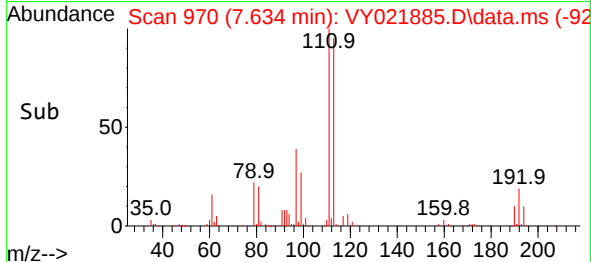
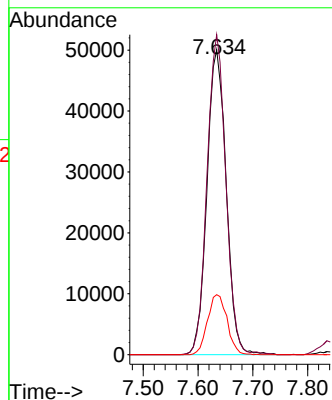
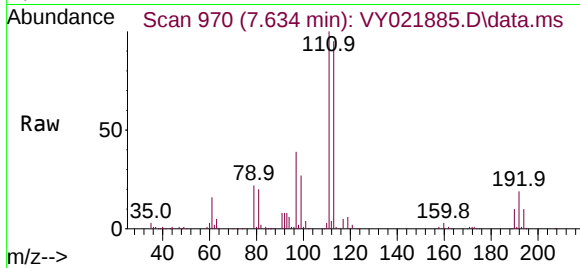




#35
Dibromofluoromethane
Concen: 49.758 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

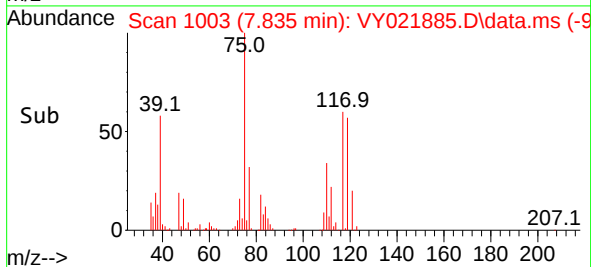
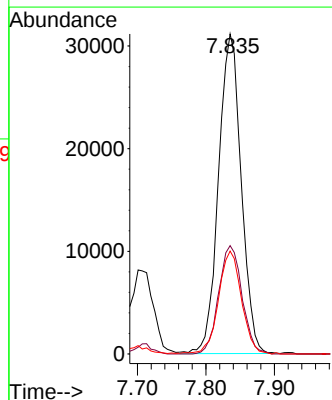
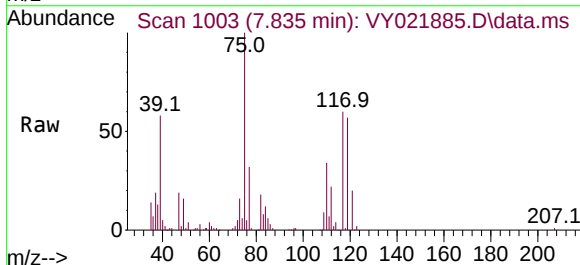
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

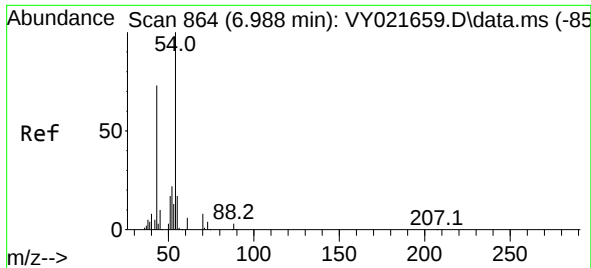
Tgt Ion:113 Resp: 121979
Ion Ratio Lower Upper
113 100
111 102.6 82.6 123.8
192 19.9 16.2 24.4



#36
1,1-Dichloropropene
Concen: 19.127 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 75 Resp: 71419
Ion Ratio Lower Upper
75 100
110 34.9 17.0 50.9
77 32.7 24.8 37.2

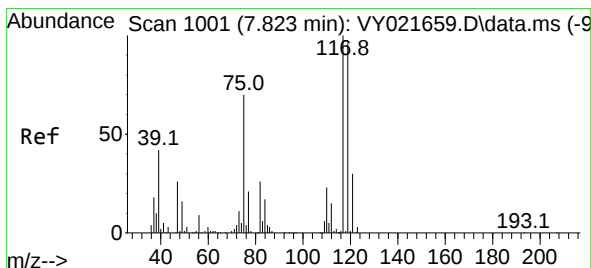
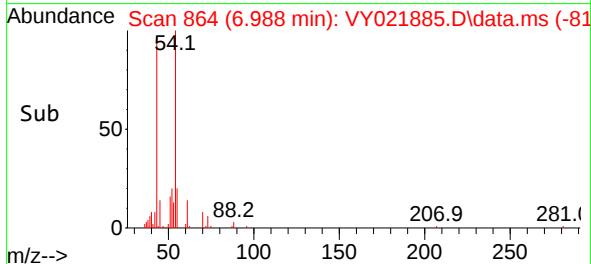
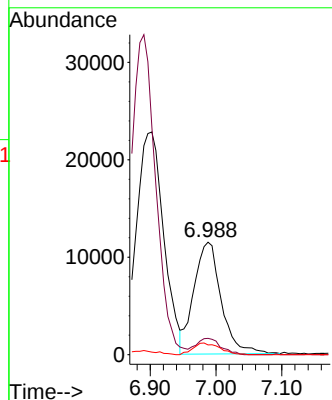
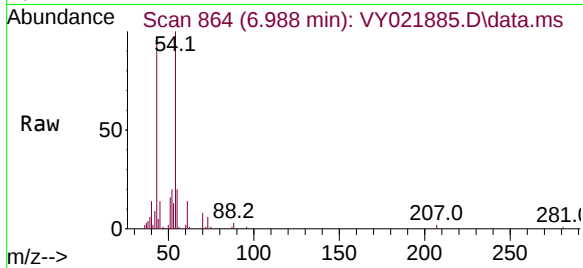




#37
Ethyl Acetate
Concen: 18.812 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

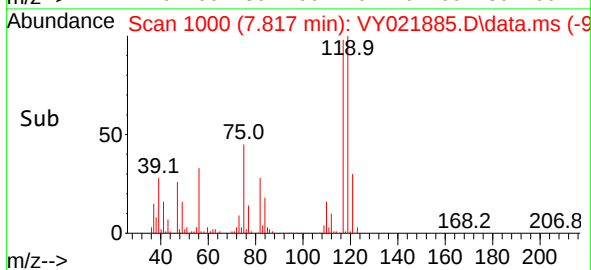
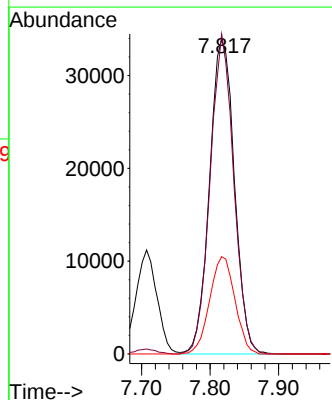
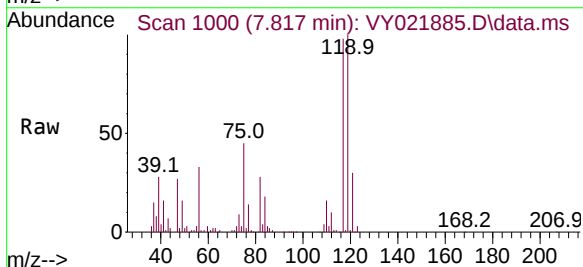
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

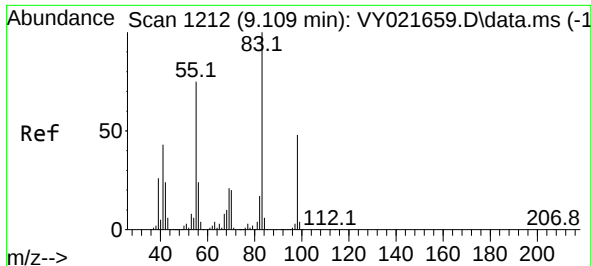
Tgt Ion: 43 Resp: 33151
Ion Ratio Lower Upper
43 100
61 13.2 11.0 16.6
70 10.1 8.1 12.1



#38
Carbon Tetrachloride
Concen: 19.947 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 117 Resp: 85307
Ion Ratio Lower Upper
117 100
119 101.8 76.2 114.4
121 31.0 24.2 36.4

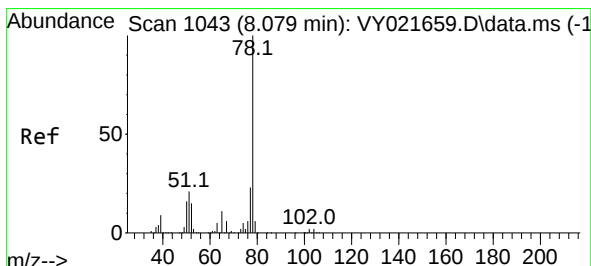
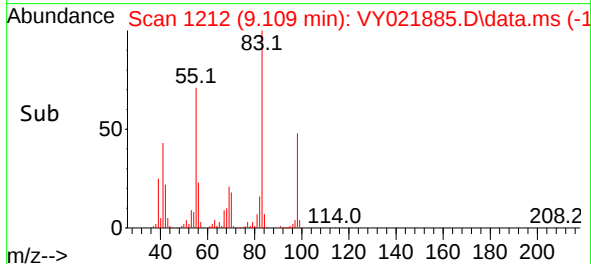
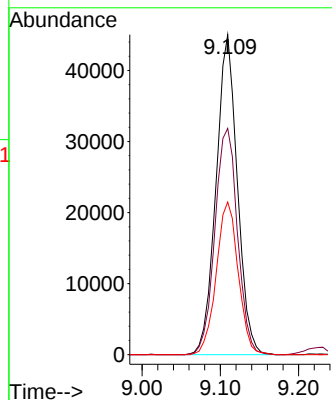
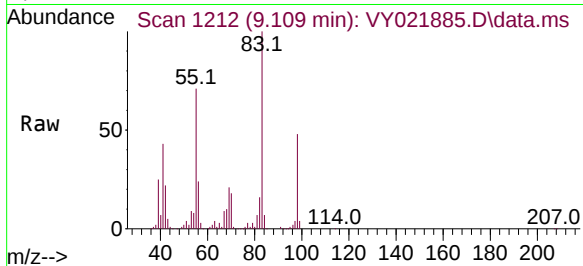




#39
Methylcyclohexane
Concen: 19.115 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

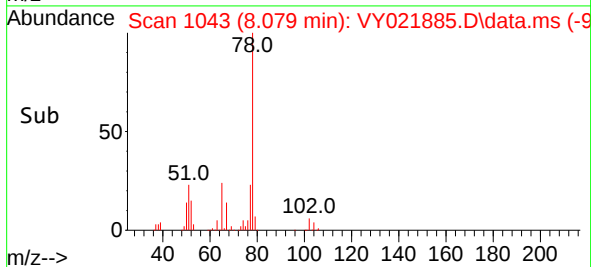
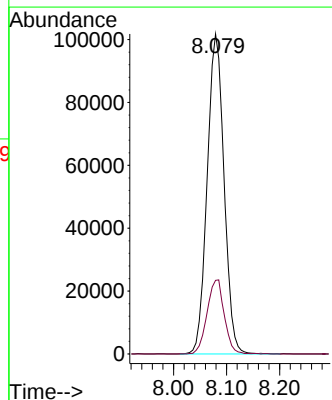
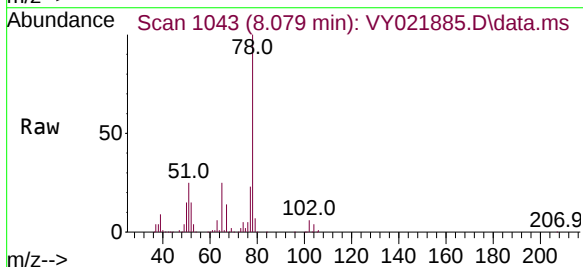
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

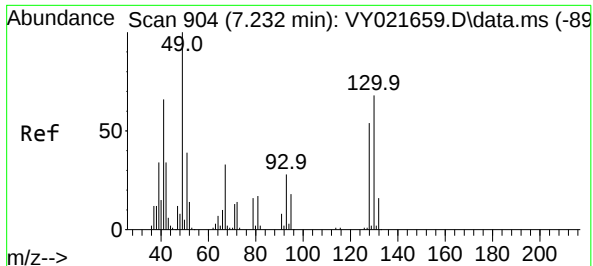
Tgt Ion: 83 Resp: 85264
Ion Ratio Lower Upper
83 100
55 70.7 59.7 89.5
98 47.7 38.3 57.5



#40
Benzene
Concen: 20.080 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 78 Resp: 224539
Ion Ratio Lower Upper
78 100
77 23.0 18.8 28.2

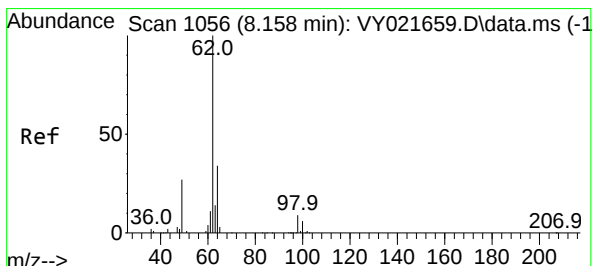
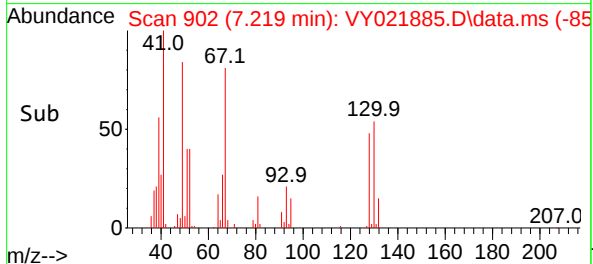
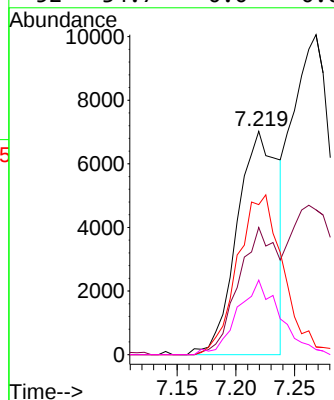
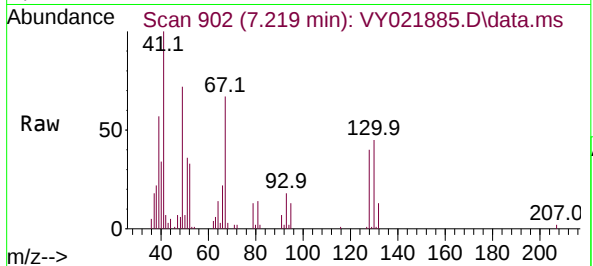




#41
Methacrylonitrile
Concen: 18.265 ug/l
RT: 7.219 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

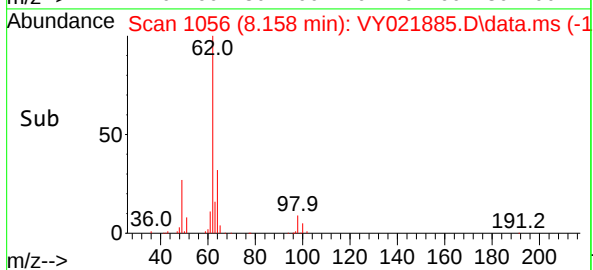
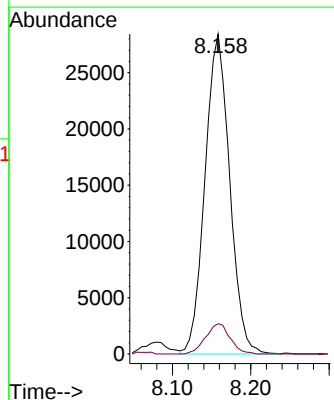
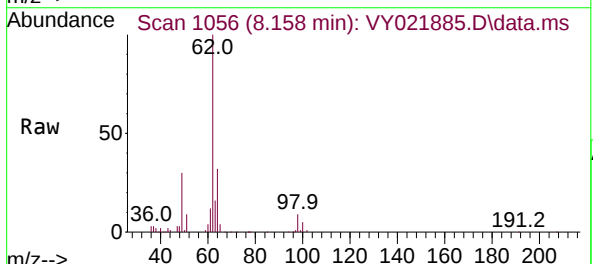
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

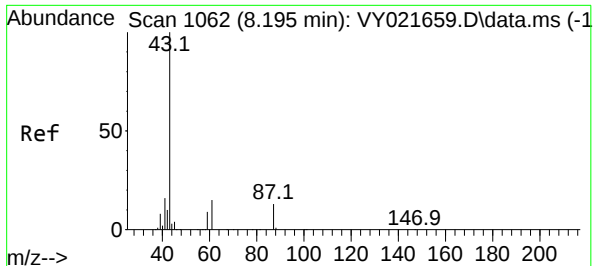
Tgt Ion: 41 Resp: 17093
Ion Ratio Lower Upper
41 100
39 53.9 0.0 0.0#
67 79.8 0.0 0.0#
52 34.7 0.0 0.0#



#42
1,2-Dichloroethane
Concen: 19.735 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 62 Resp: 62212
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4

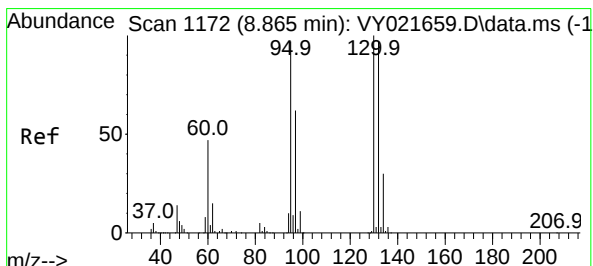
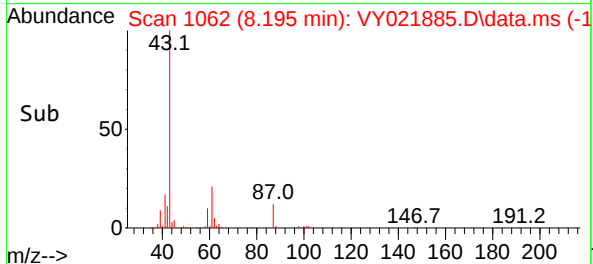
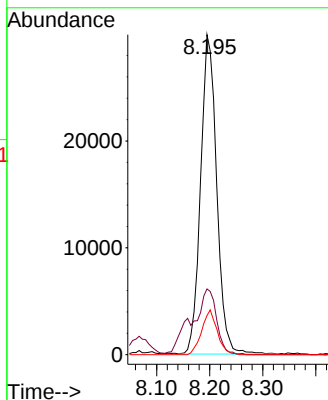
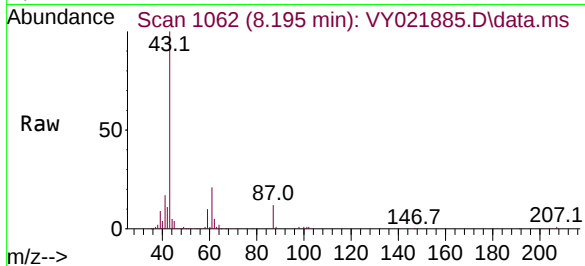




#43
Isopropyl Acetate
Concen: 18.923 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

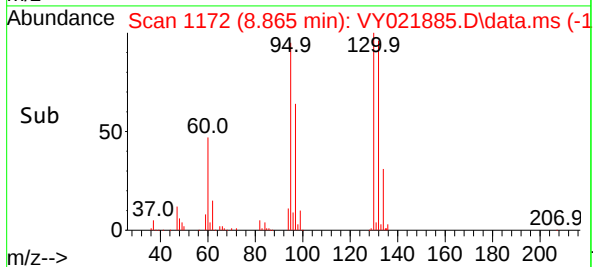
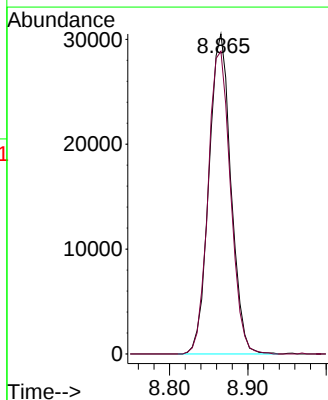
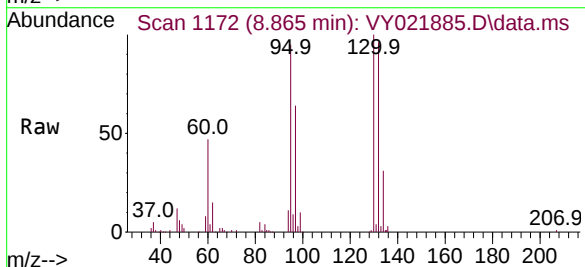
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

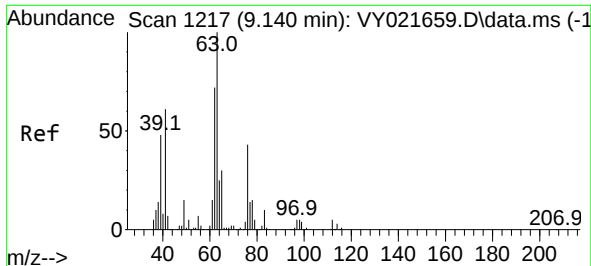
Tgt Ion: 43 Resp: 63195
Ion Ratio Lower Upper
43 100
61 21.3 15.9 23.9
87 13.5 10.4 15.6



#44
Trichloroethene
Concen: 20.877 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 130 Resp: 59481
Ion Ratio Lower Upper
130 100
95 94.6 0.0 194.8





#45

1,2-Dichloropropane

Concen: 20.024 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

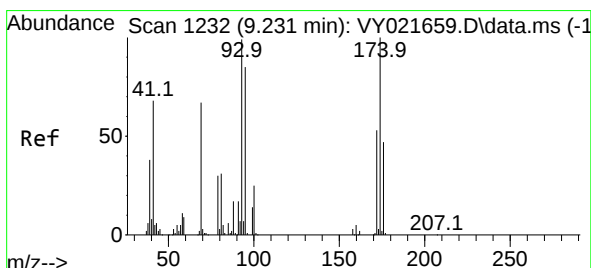
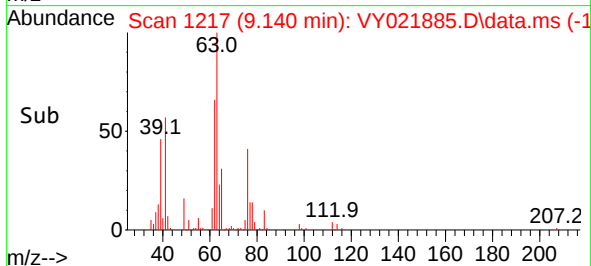
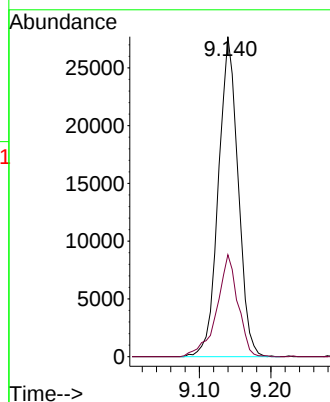
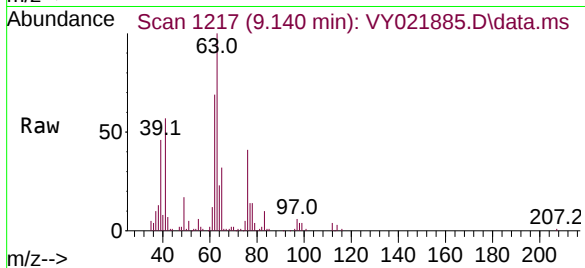
VY0415SBSD01

Tgt Ion: 63 Resp: 53002

Ion Ratio Lower Upper

63 100

65 31.9 24.4 36.6



#46

Dibromomethane

Concen: 20.285 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

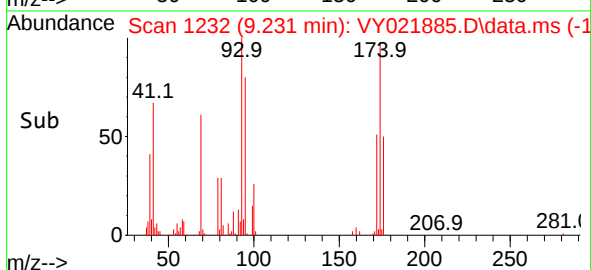
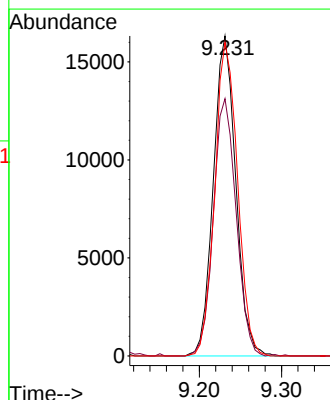
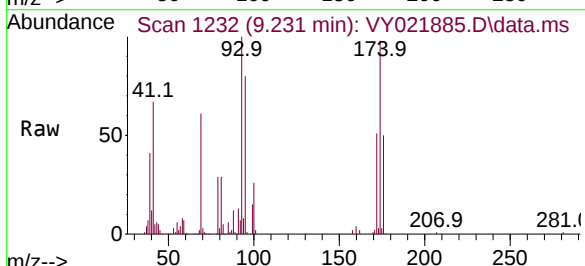
Tgt Ion: 93 Resp: 30944

Ion Ratio Lower Upper

93 100

95 81.7 68.1 102.1

174 99.4 80.9 121.3

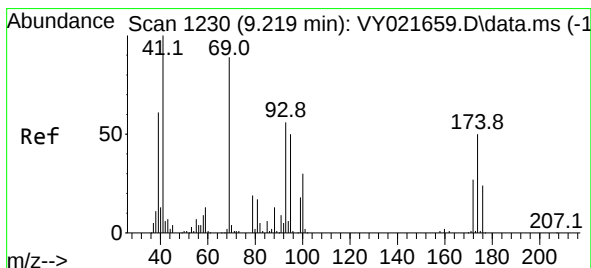
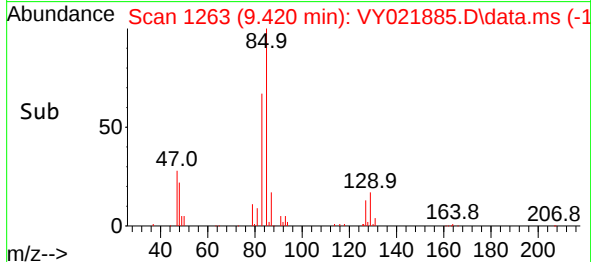
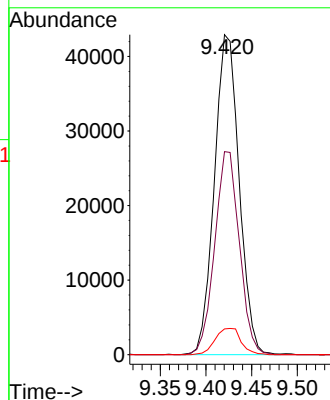
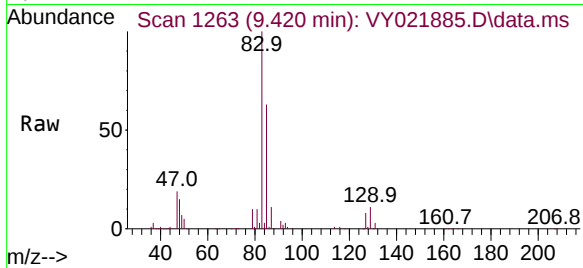




#47
Bromodichloromethane
Concen: 20.490 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

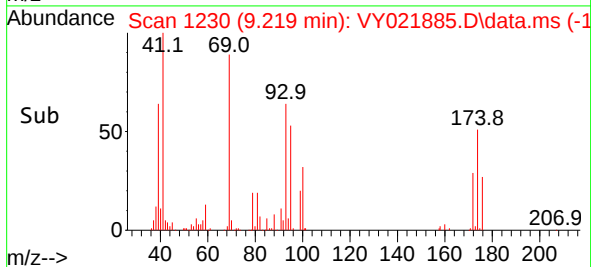
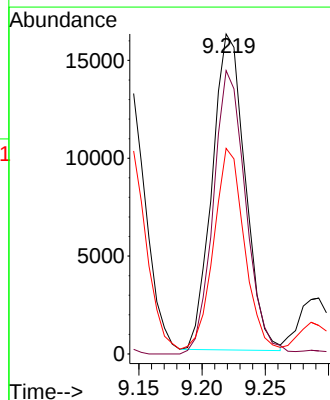
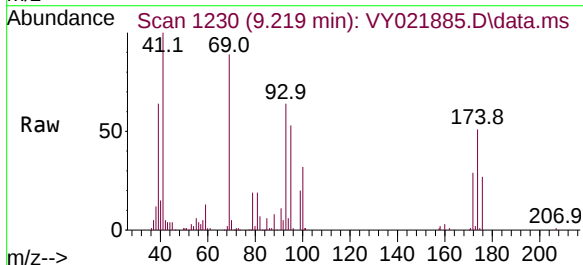
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

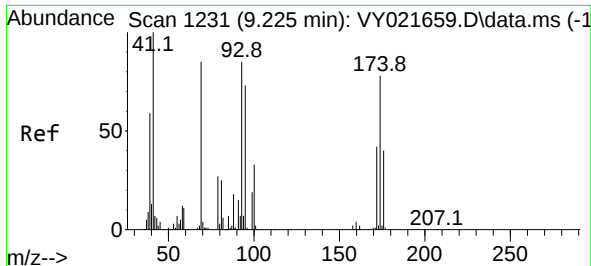
Tgt Ion: 83 Resp: 80993
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6
127 8.0 6.8 10.2



#48
Methyl methacrylate
Concen: 19.091 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 41 Resp: 29261
Ion Ratio Lower Upper
41 100
69 88.2 69.8 104.8
39 59.6 47.2 70.8

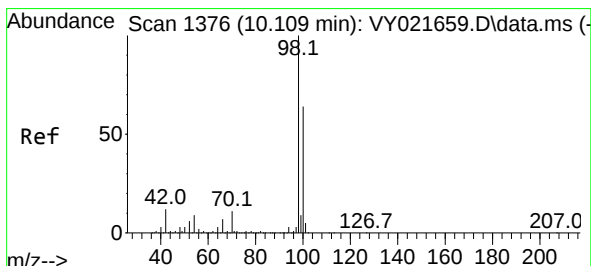
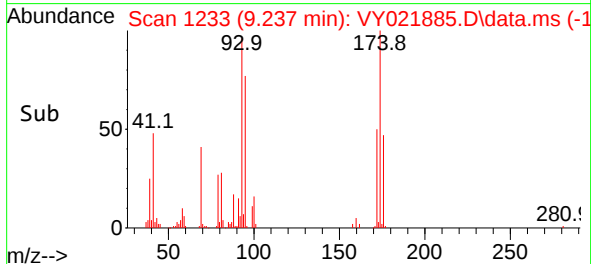
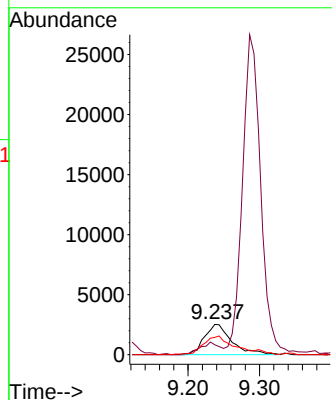
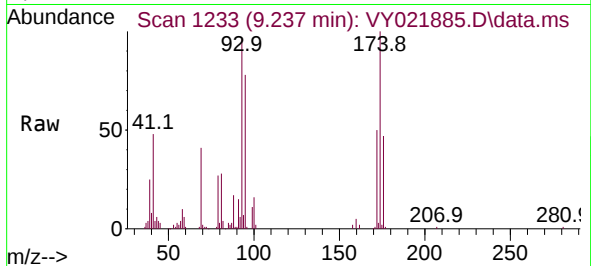




#49
1,4-Dioxane
Concen: 408.464 ug/l
RT: 9.237 min Scan# 1233
Delta R.T. 0.012 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

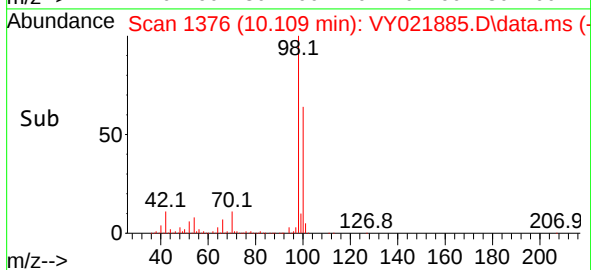
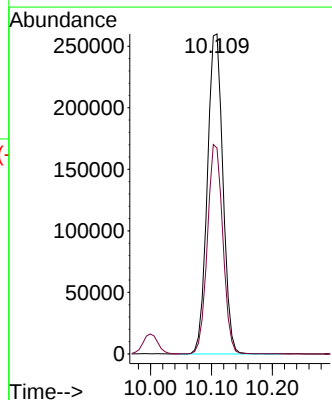
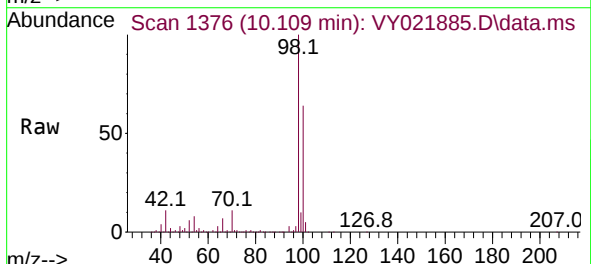
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

Tgt Ion: 88 Resp: 6675
Ion Ratio Lower Upper
88 100
43 29.9 28.8 43.2
58 72.9 59.4 89.2



#50
Toluene-d8
Concen: 49.403 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 98 Resp: 460739
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1





#51

4-Methyl-2-Pentanone

Concen: 95.326 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

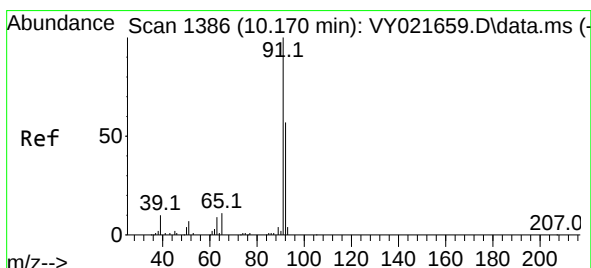
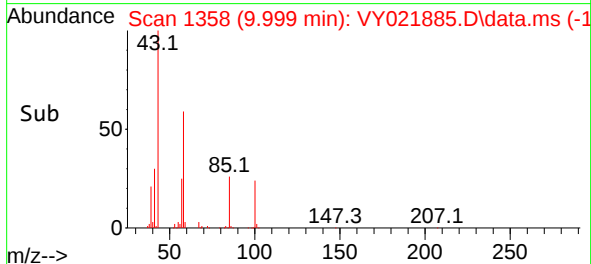
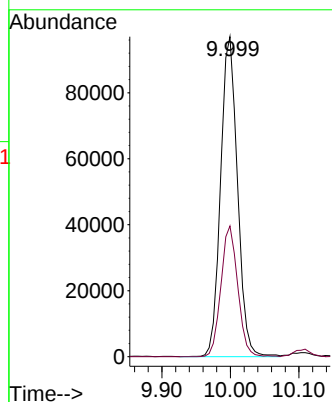
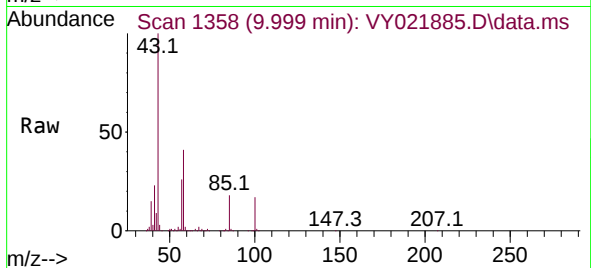
VY0415SBS01

Tgt Ion: 43 Resp: 165664

Ion Ratio Lower Upper

43 100

58 40.6 31.5 47.3



#52

Toluene

Concen: 19.929 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY021885.D

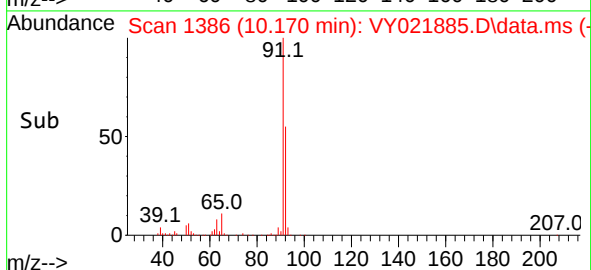
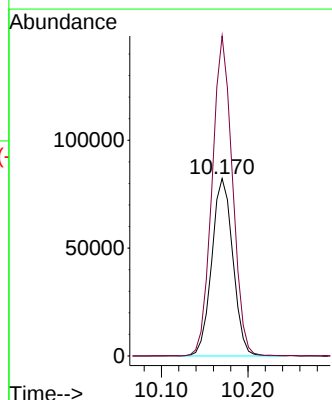
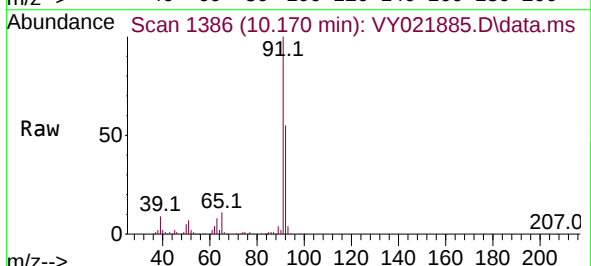
Acq: 15 Apr 2025 10:31

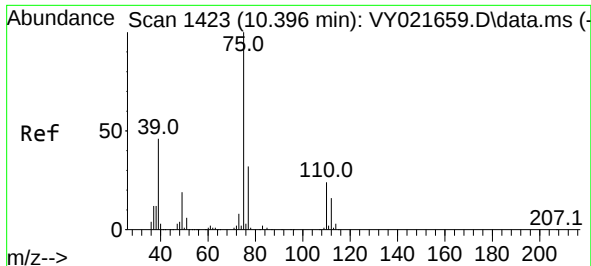
Tgt Ion: 92 Resp: 139036

Ion Ratio Lower Upper

92 100

91 174.9 138.6 207.8

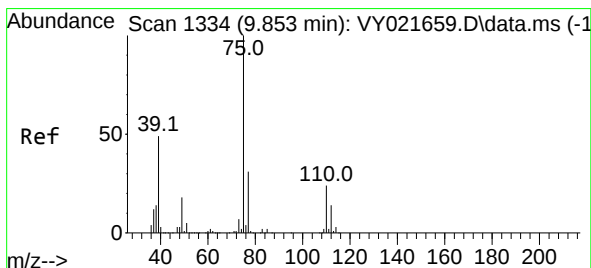
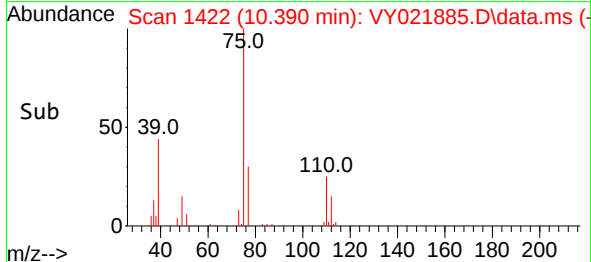
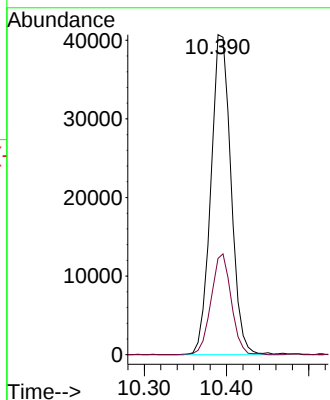
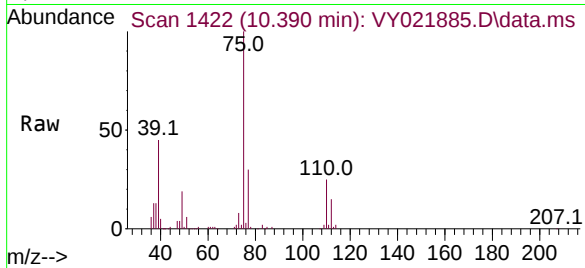




#53
 t-1,3-Dichloropropene
 Concen: 19.717 ug/l
 RT: 10.390 min Scan# 1423
 Delta R.T. -0.006 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

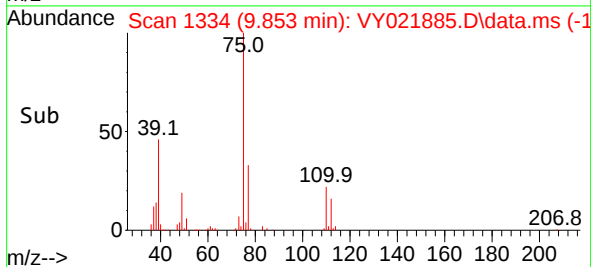
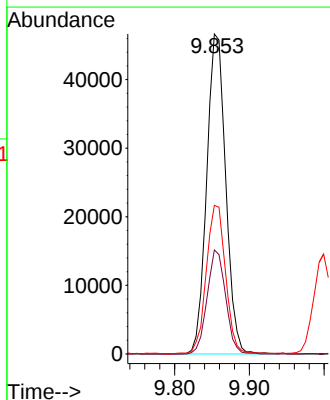
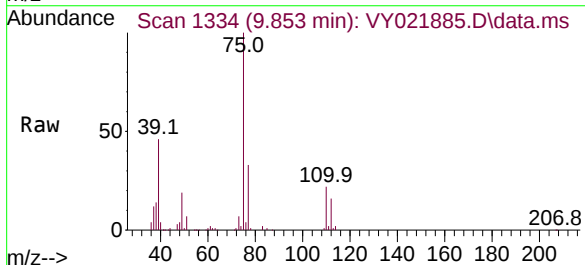
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

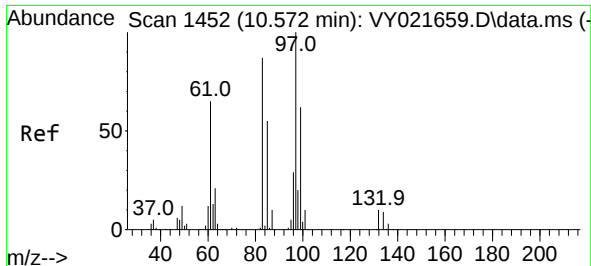
Tgt Ion: 75 Resp: 69226
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.927 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

Tgt Ion: 75 Resp: 82535
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.9 37.3
 39 46.2 39.2 58.8

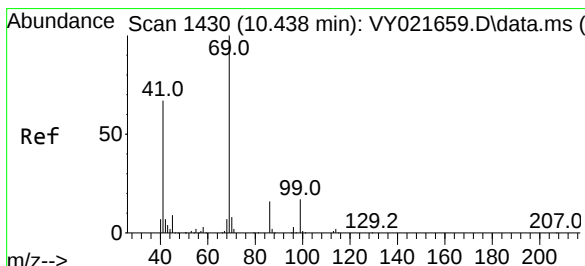
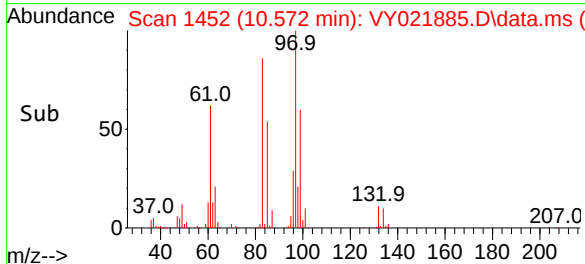
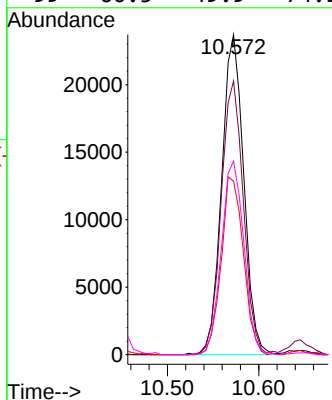
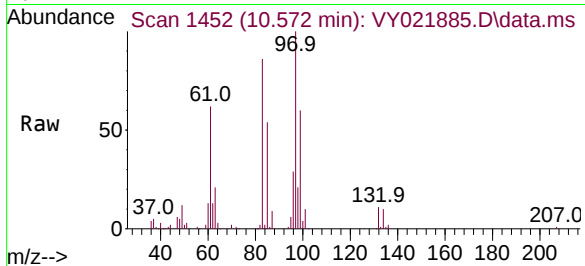




#55
 1,1,2-Trichloroethane
 Concen: 20.266 ug/l
 RT: 10.572 min Scan# 1452
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

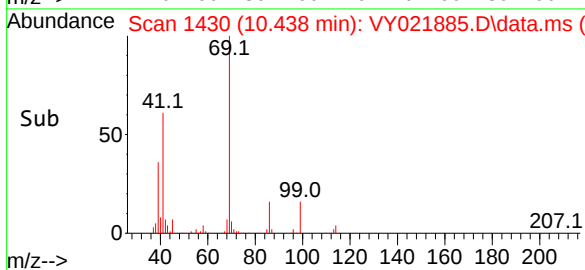
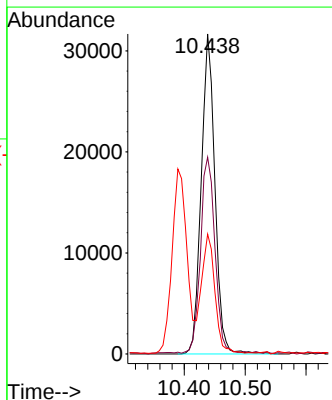
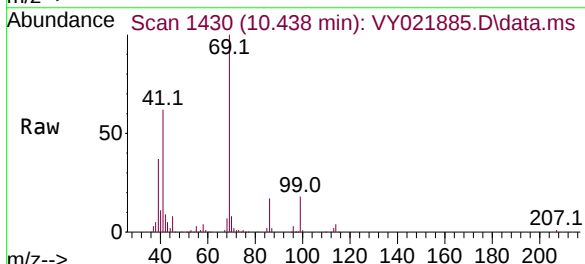
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

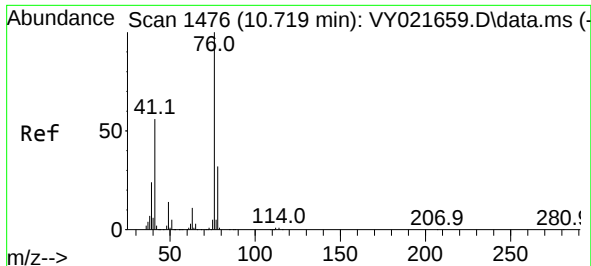
Tgt Ion:	97	Resp:	39785
Ion	Ratio	Lower	Upper
97	100		
83	85.6	69.5	104.3
85	54.3	43.9	65.9
99	60.5	49.9	74.9



#56
 Ethyl methacrylate
 Concen: 19.763 ug/l
 RT: 10.438 min Scan# 1430
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

Tgt Ion:	69	Resp:	49539
Ion	Ratio	Lower	Upper
69	100		
41	64.4	53.8	80.6
39	35.1	29.6	44.4





#57

1,3-Dichloropropane

Concen: 20.215 ug/l

RT: 10.713 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

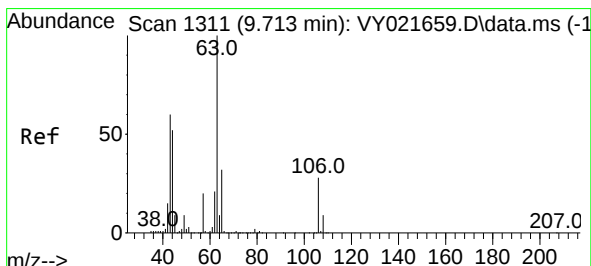
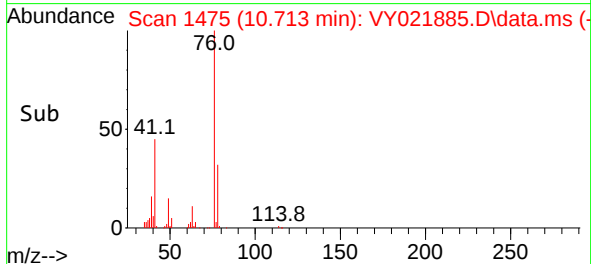
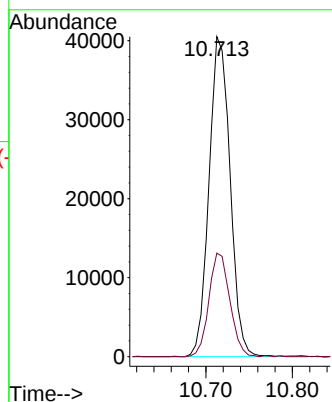
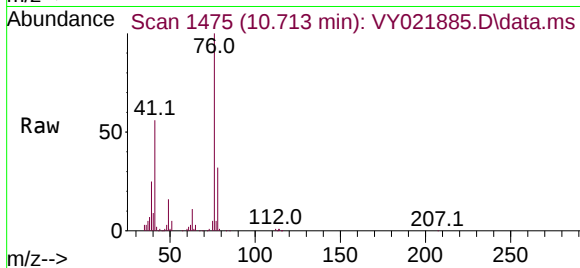
VY0415SBS01

Tgt Ion: 76 Resp: 68537

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 101.375 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY021885.D

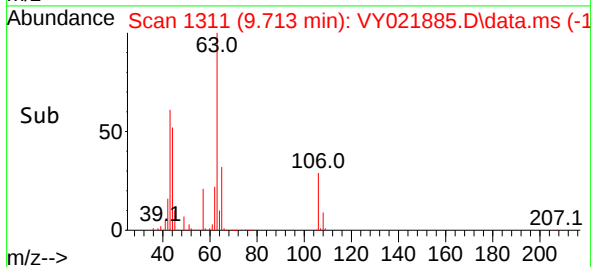
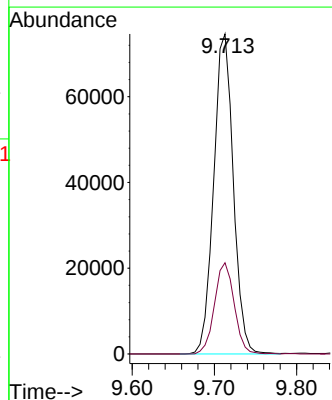
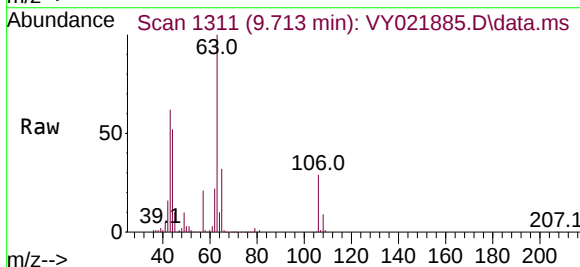
Acq: 15 Apr 2025 10:31

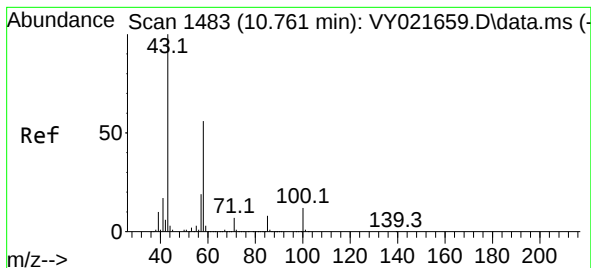
Tgt Ion: 63 Resp: 123964

Ion Ratio Lower Upper

63 100

106 28.5 22.4 33.6

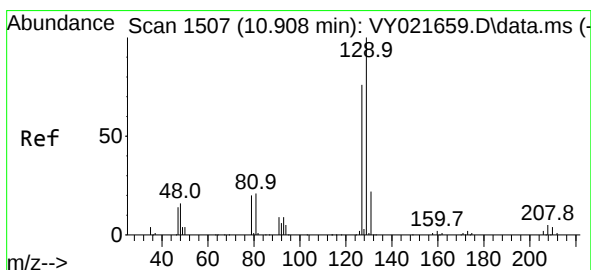
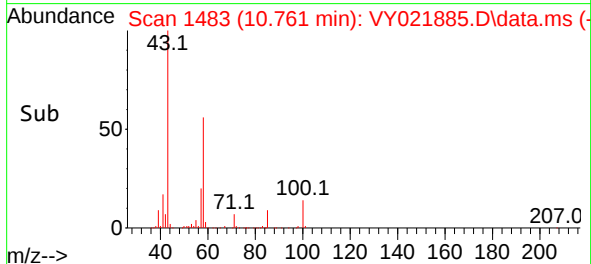
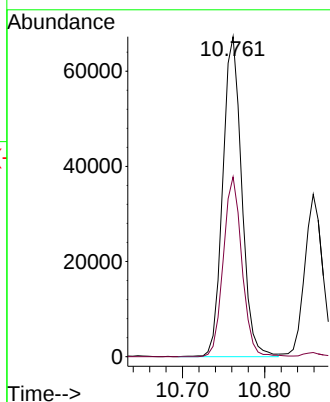
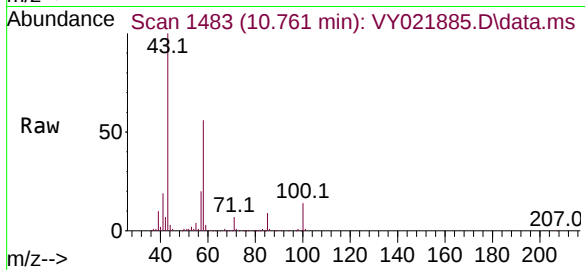




#59
2-Hexanone
Concen: 93.186 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

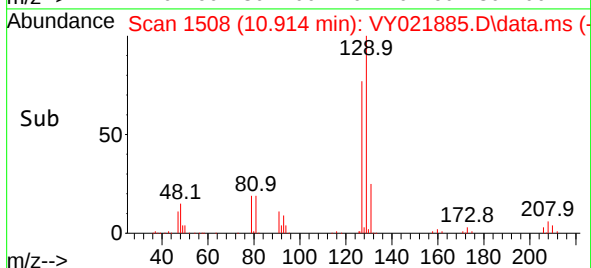
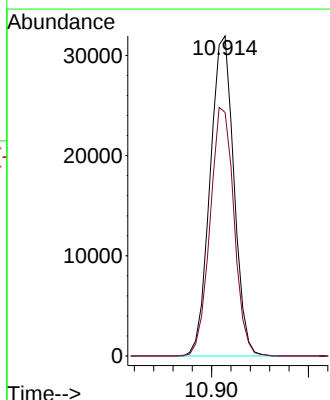
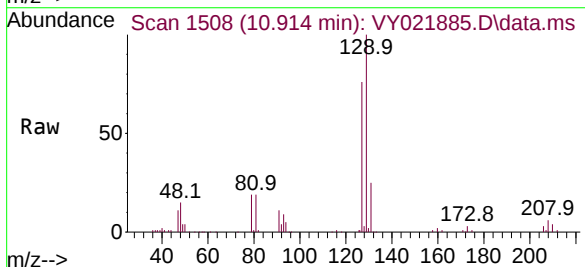
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

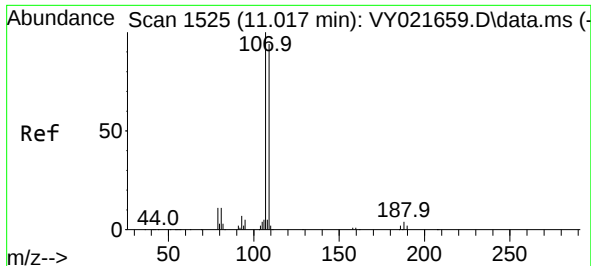
Tgt Ion: 43 Resp: 107853
Ion Ratio Lower Upper
43 100
58 55.1 27.2 81.5



#60
Dibromochloromethane
Concen: 20.348 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 129 Resp: 54537
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.7

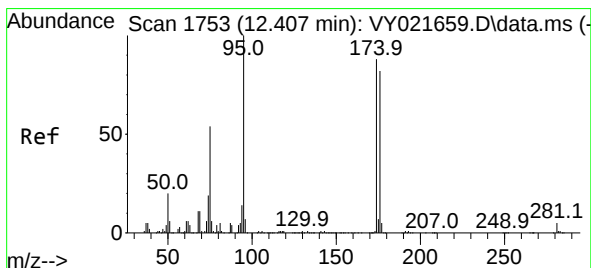
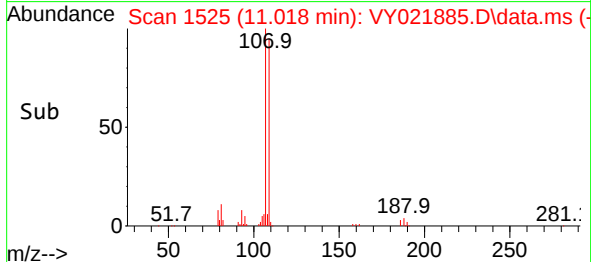
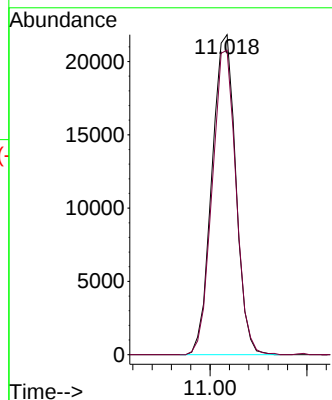
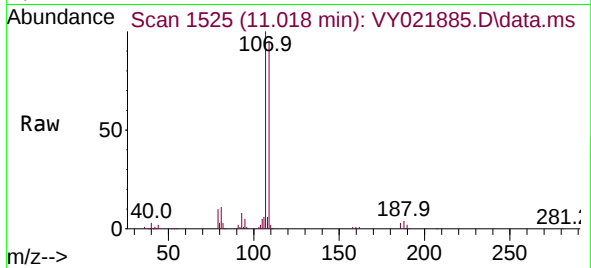




#61
1,2-Dibromoethane
Concen: 20.329 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

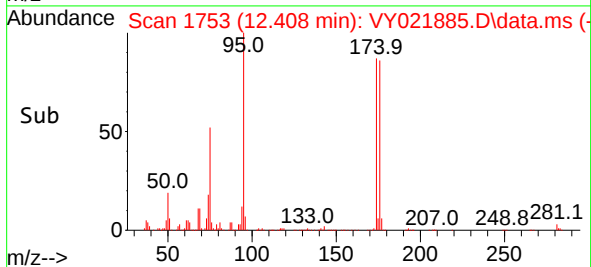
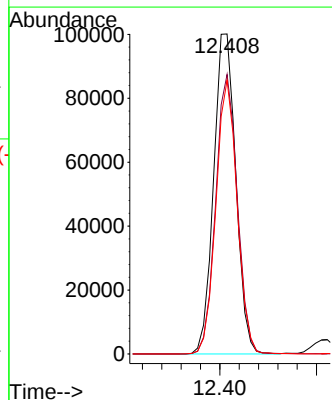
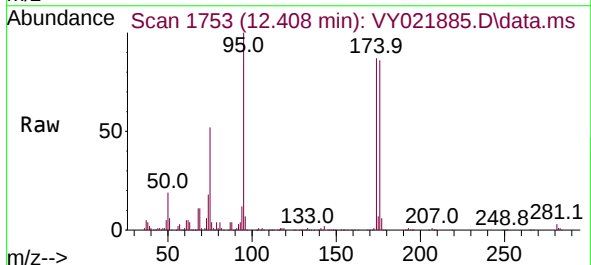
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

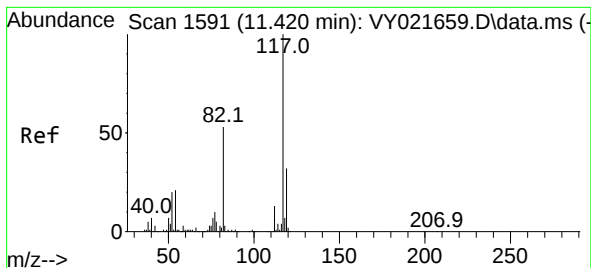
Tgt Ion:107 Resp: 37437
Ion Ratio Lower Upper
107 100
109 95.1 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 50.504 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 95 Resp: 159315
Ion Ratio Lower Upper
95 100
174 85.0 0.0 170.8
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

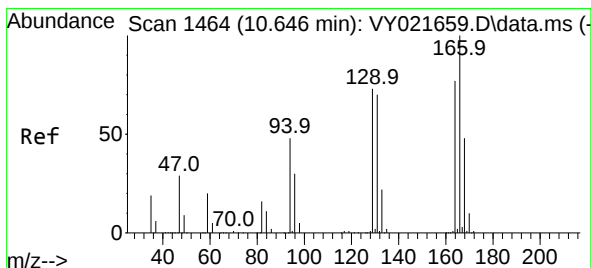
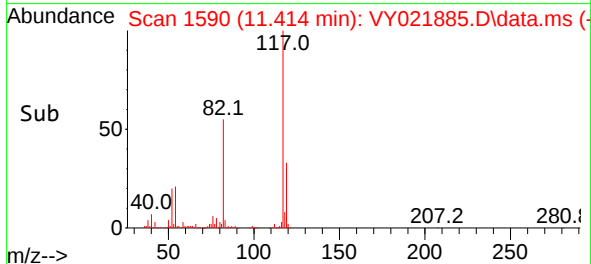
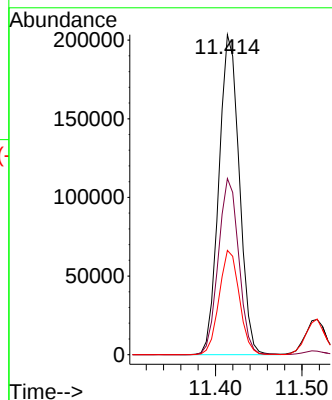
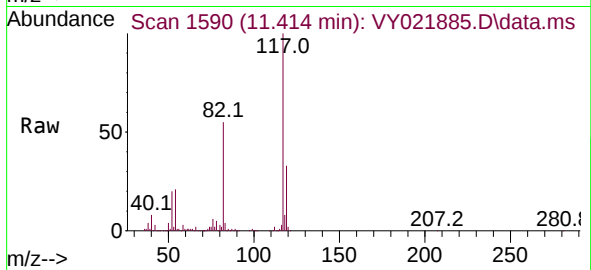
Tgt Ion:117 Resp: 332831

Ion Ratio Lower Upper

117 100

82 55.1 42.8 64.2

119 32.6 25.7 38.5



#64

Tetrachloroethene

Concen: 22.160 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Tgt Ion:164 Resp: 67174

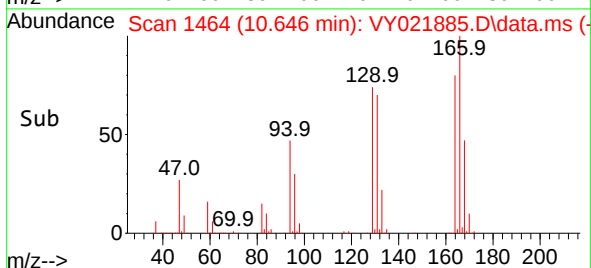
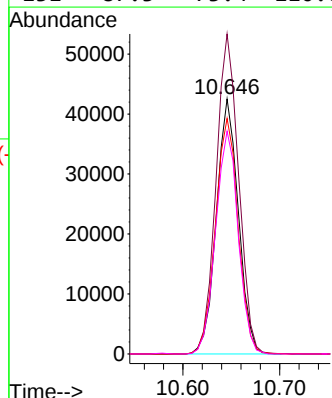
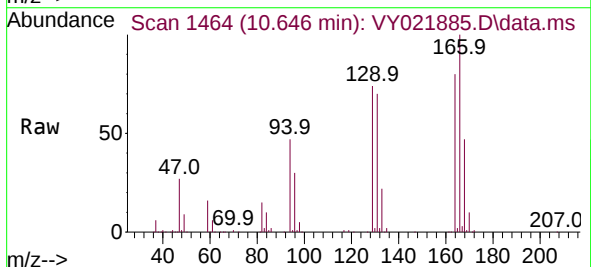
Ion Ratio Lower Upper

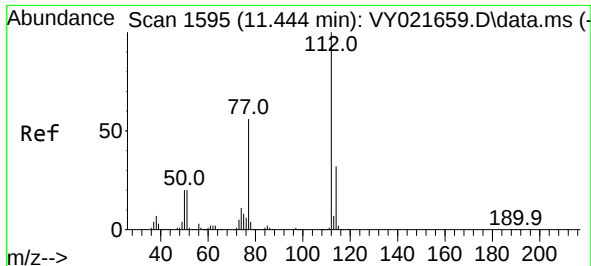
164 100

166 125.5 104.6 156.8

129 92.3 76.6 114.8

131 87.3 73.4 110.0

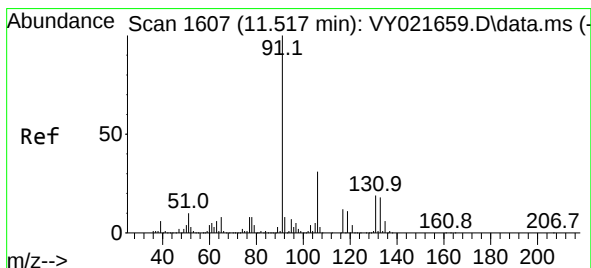
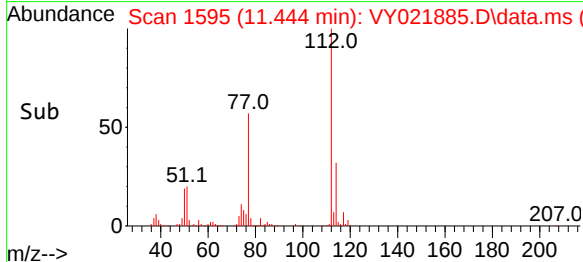
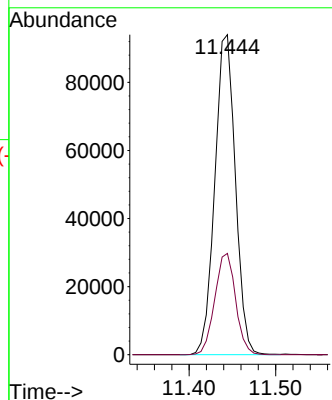
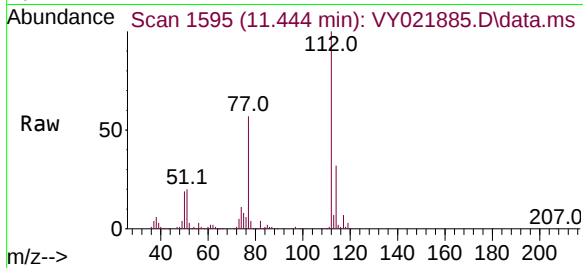




#65
Chlorobenzene
Concen: 20.295 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

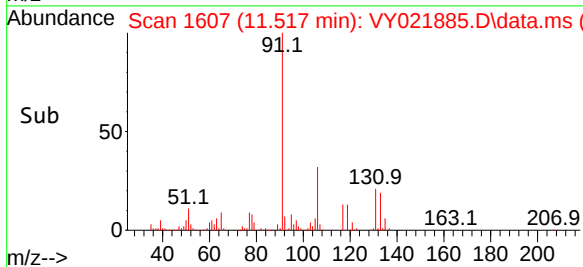
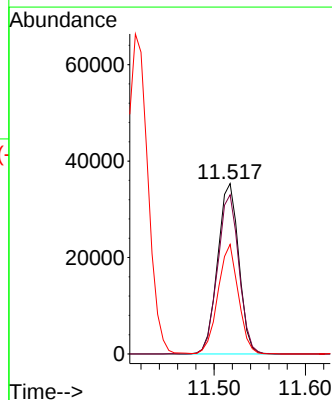
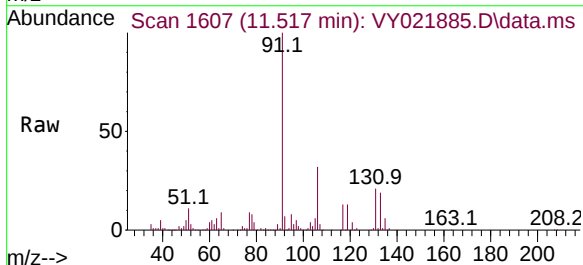
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

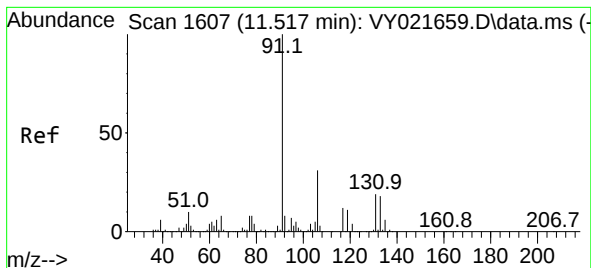
Tgt Ion:112 Resp: 154845
Ion Ratio Lower Upper
112 100
114 31.7 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.023 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion:131 Resp: 56910
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 62.2 31.6 95.0





#67

Ethyl Benzene

Concen: 19.702 ug/l

RT: 11.517 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

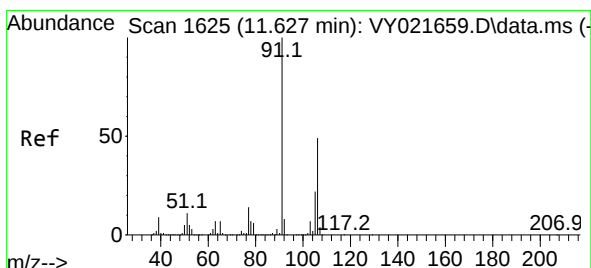
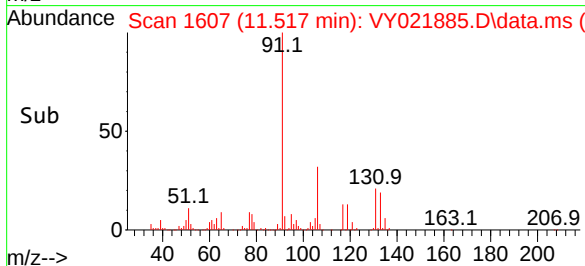
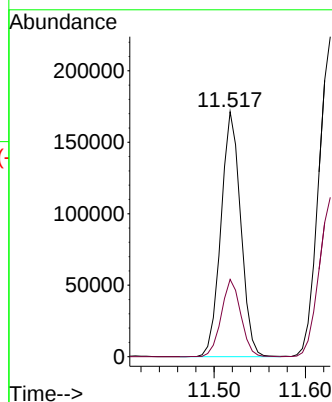
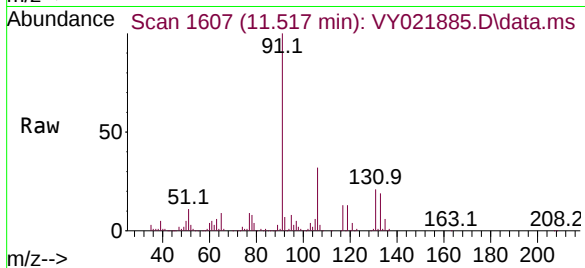
VY0415SBS01

Tgt Ion: 91 Resp: 257763

Ion Ratio Lower Upper

91 100

106 31.5 24.6 36.8



#68

m/p-Xylenes

Concen: 40.335 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY021885.D

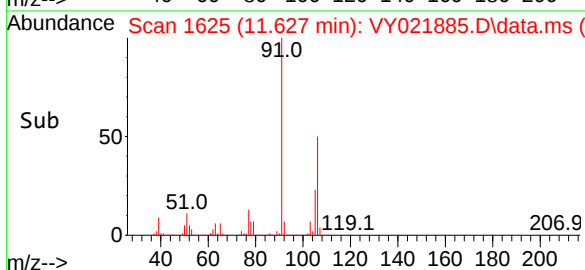
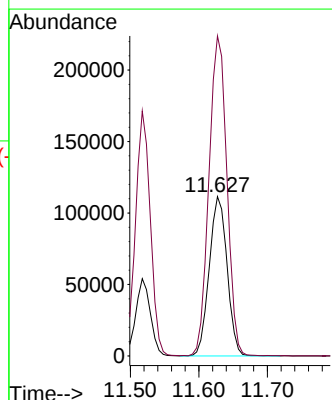
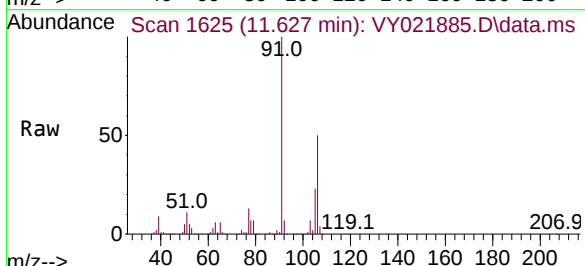
Acq: 15 Apr 2025 10:31

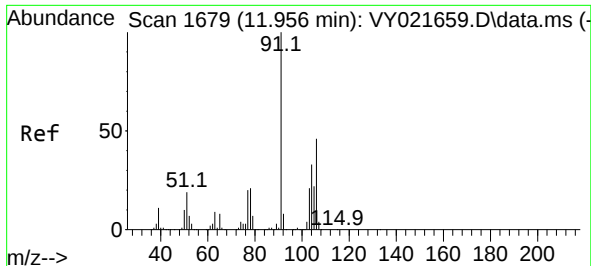
Tgt Ion:106 Resp: 202072

Ion Ratio Lower Upper

106 100

91 201.4 162.4 243.6

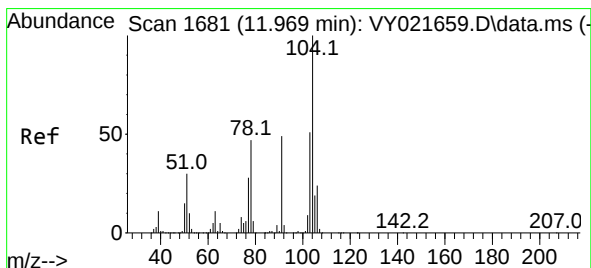
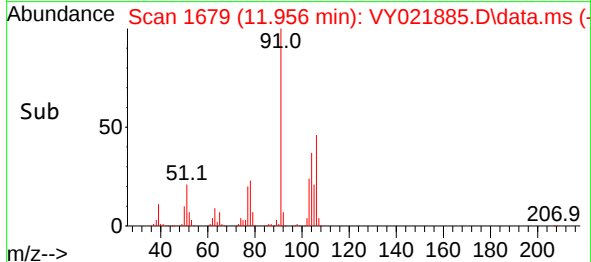
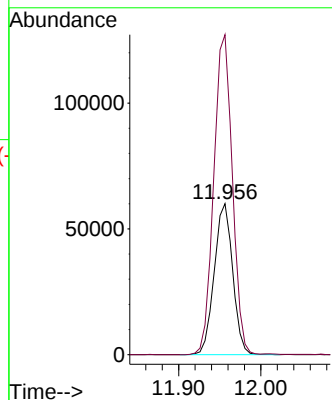
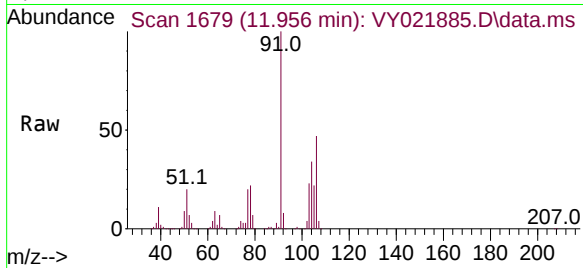




#69
o-Xylene
Concen: 20.243 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

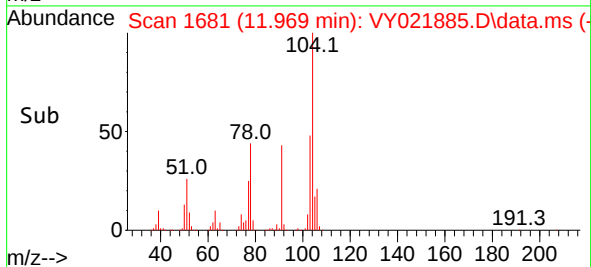
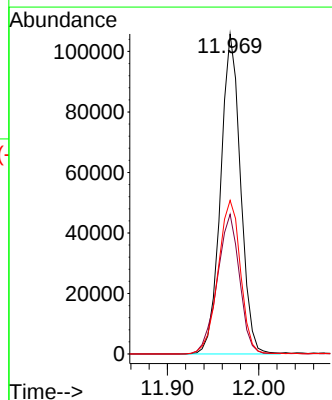
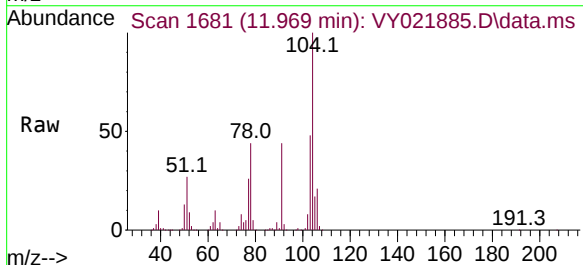
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

Tgt Ion:106 Resp: 93613
Ion Ratio Lower Upper
106 100
91 214.0 106.7 319.9



#70
Styrene
Concen: 20.792 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion:104 Resp: 160316
Ion Ratio Lower Upper
104 100
78 48.8 40.8 61.2
103 53.9 44.2 66.2





#71

Bromoform

Concen: 20.662 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBSD01

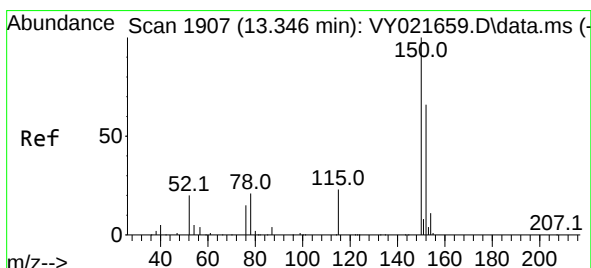
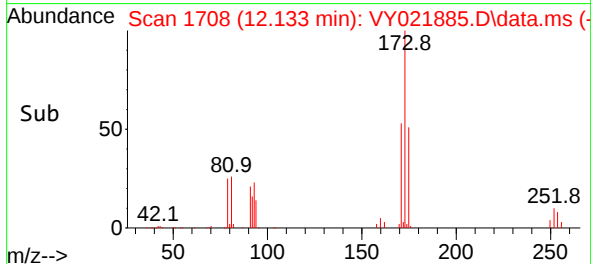
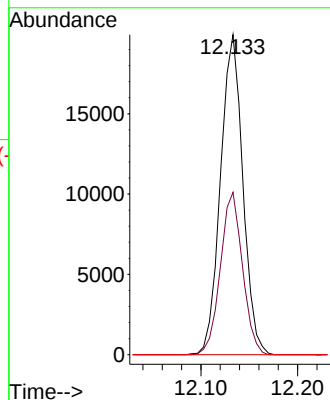
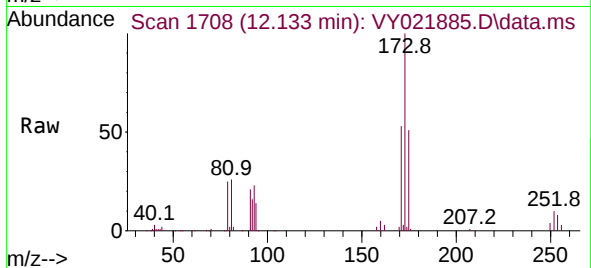
Tgt Ion:173 Resp: 31905

Ion Ratio Lower Upper

173 100

175 50.1 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

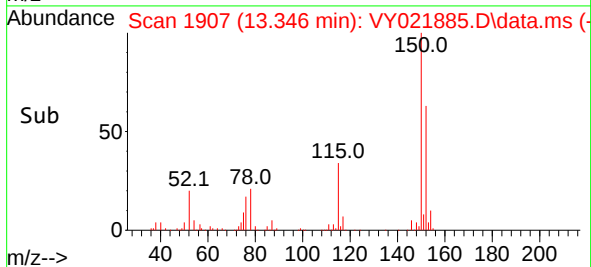
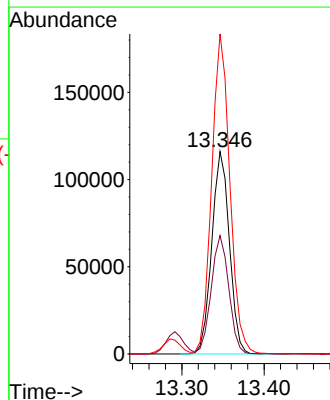
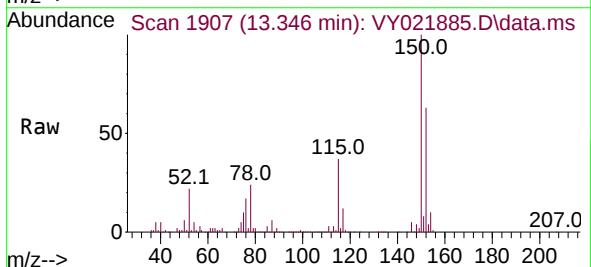
Tgt Ion:152 Resp: 172638

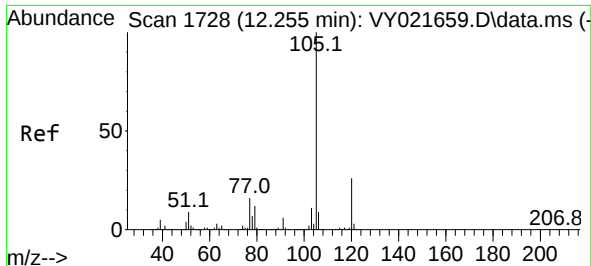
Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 163.1 0.0 348.4

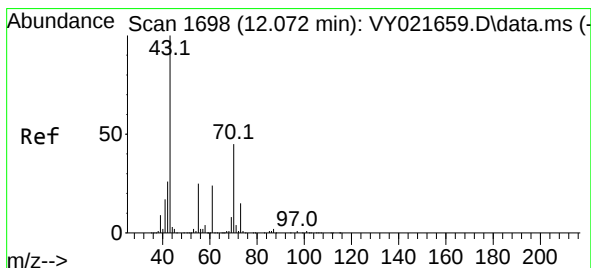
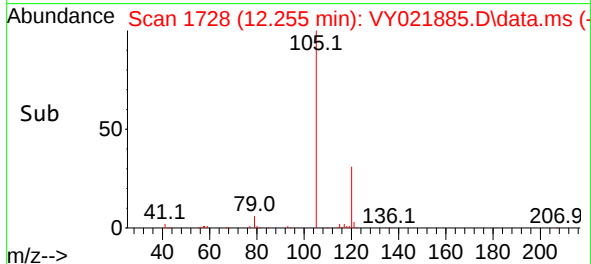
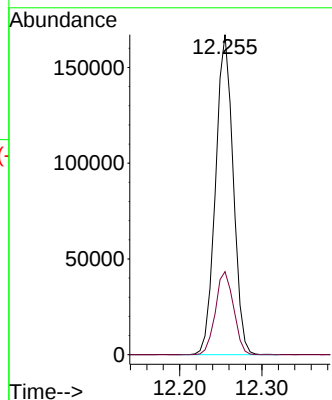
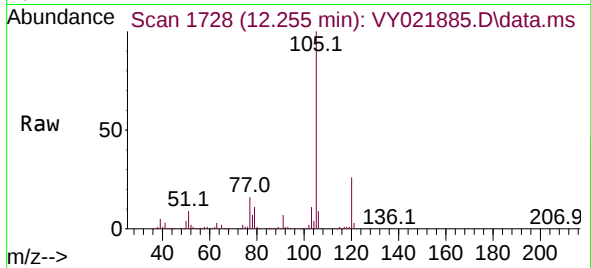




#73
Isopropylbenzene
Concen: 19.396 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

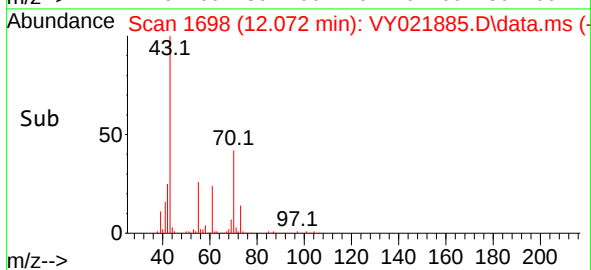
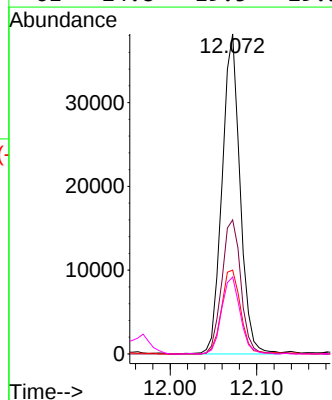
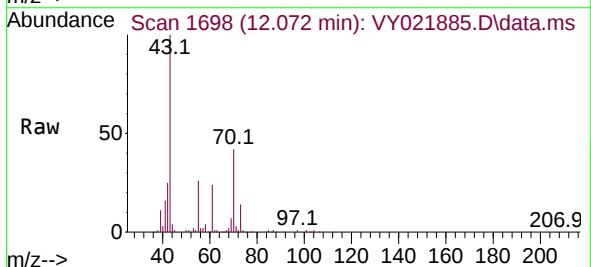
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

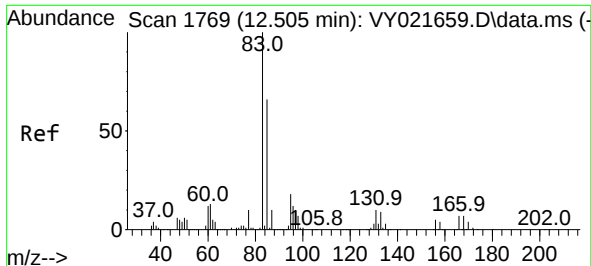
Tgt Ion:105 Resp: 248704
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.5



#74
N-ethyl acetate
Concen: 18.316 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 43 Resp: 55120
Ion Ratio Lower Upper
43 100
70 44.3 34.7 52.1
55 28.2 21.2 31.8
61 24.8 19.5 29.3

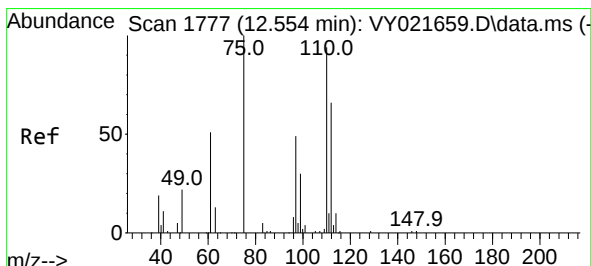
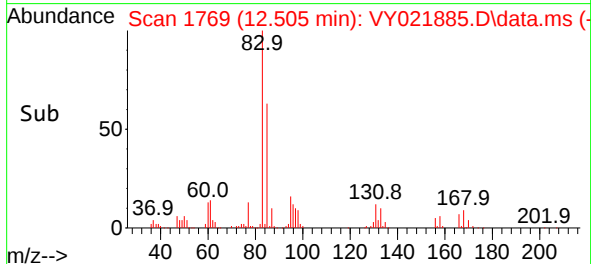
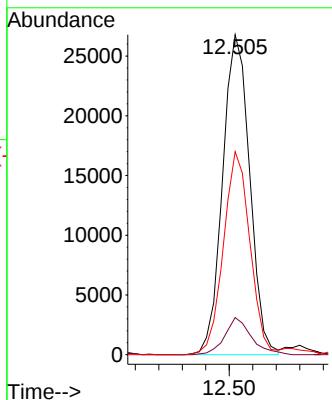
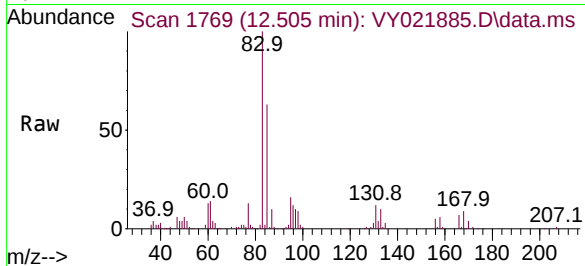




#75
1,1,2,2-Tetrachloroethane
Concen: 18.588 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

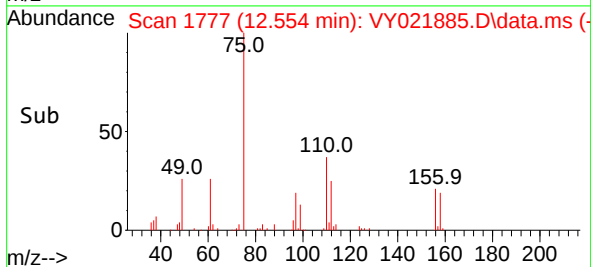
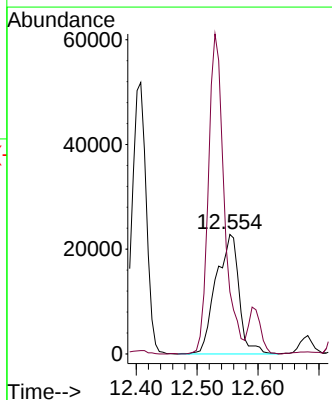
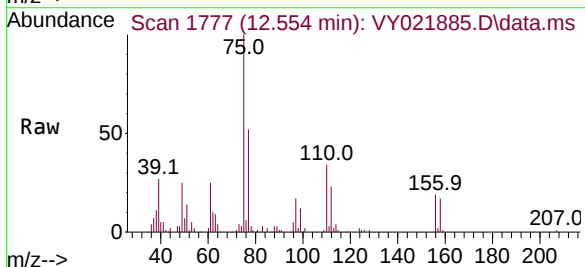
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

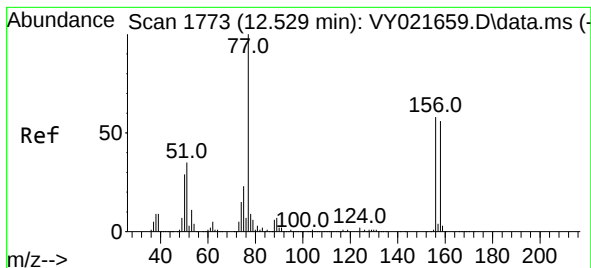
Tgt Ion: 83 Resp: 42852
Ion Ratio Lower Upper
83 100
131 11.4 5.1 15.3
85 62.2 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 35.020 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 75 Resp: 59930
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.801 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBSD01

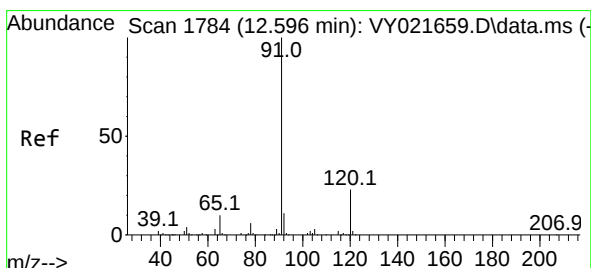
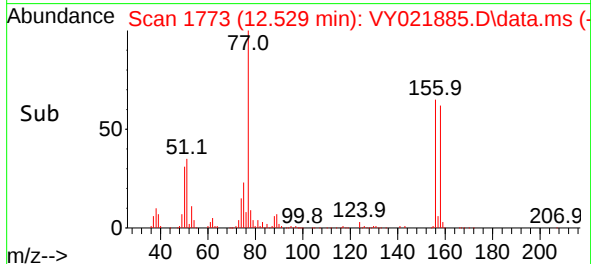
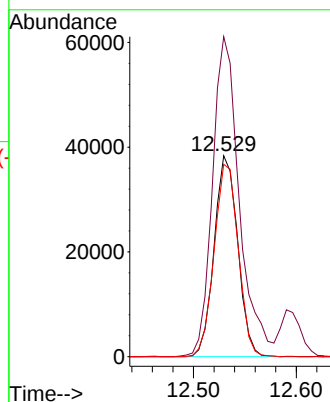
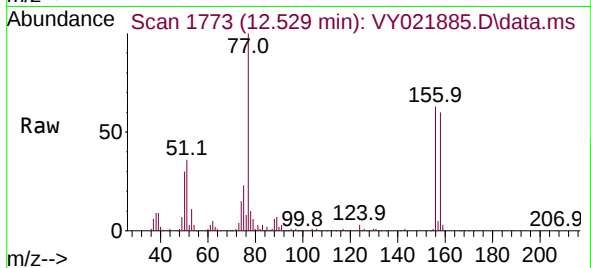
Tgt Ion:156 Resp: 60960

Ion Ratio Lower Upper

156 100

77 181.9 92.8 278.3

158 98.0 48.5 145.6



#78

n-propylbenzene

Concen: 19.692 ug/l

RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY021885.D

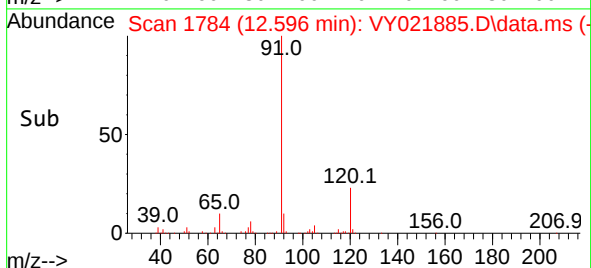
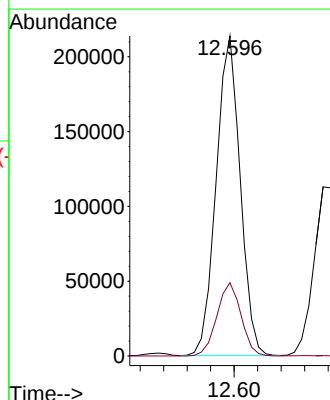
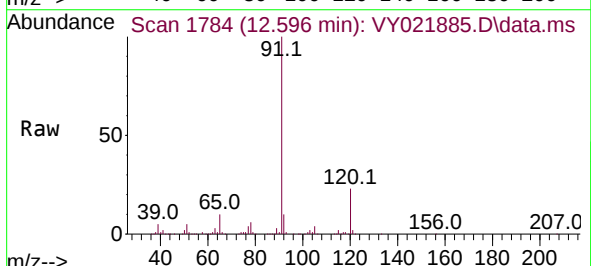
Acq: 15 Apr 2025 10:31

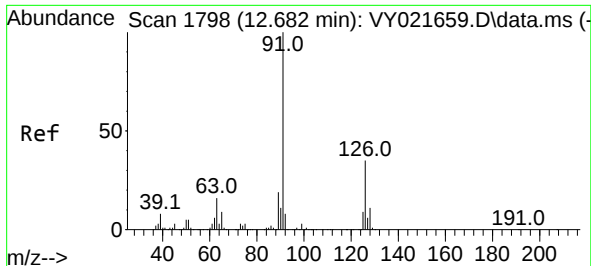
Tgt Ion: 91 Resp: 303563

Ion Ratio Lower Upper

91 100

120 23.0 11.3 33.9

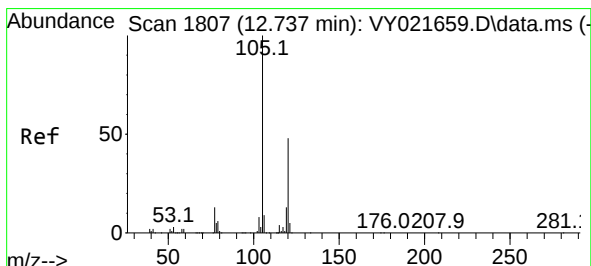
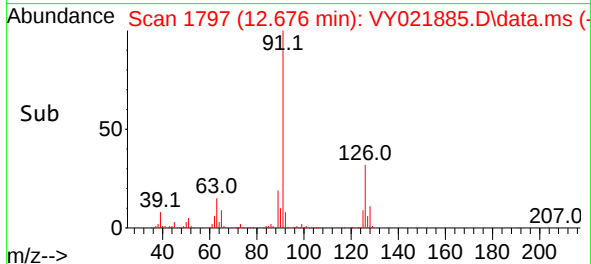
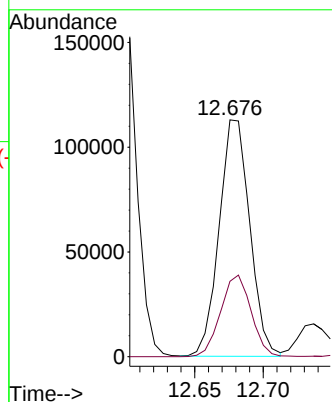
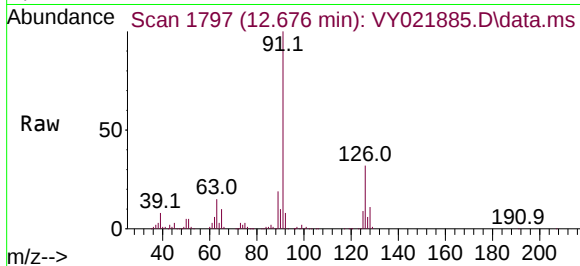




#79
2-Chlorotoluene
Concen: 19.630 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

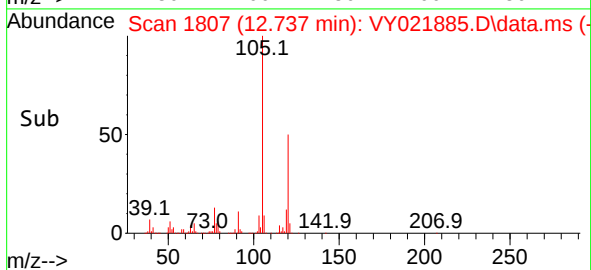
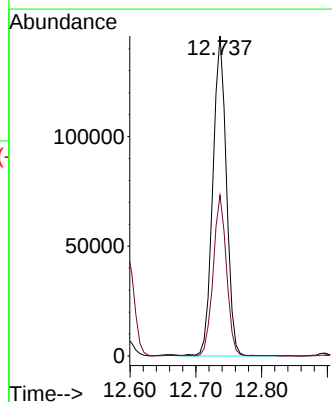
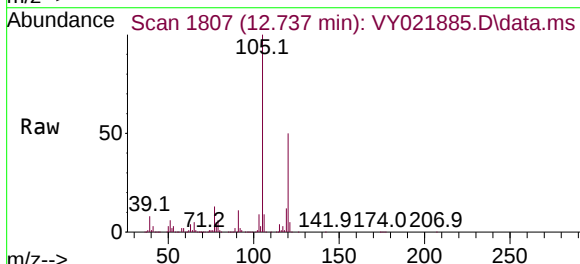
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBS01

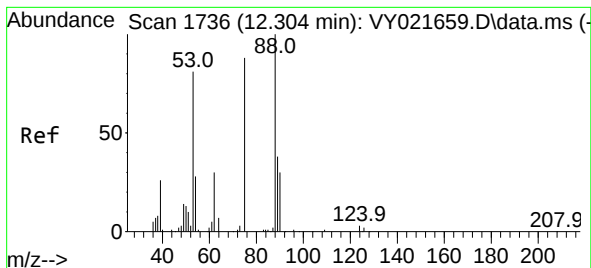
Tgt Ion: 91 Resp: 175760
Ion Ratio Lower Upper
91 100
126 34.3 17.3 52.0



#80
1,3,5-Trimethylbenzene
Concen: 20.009 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 105 Resp: 209687
Ion Ratio Lower Upper
105 100
120 49.1 24.5 73.5

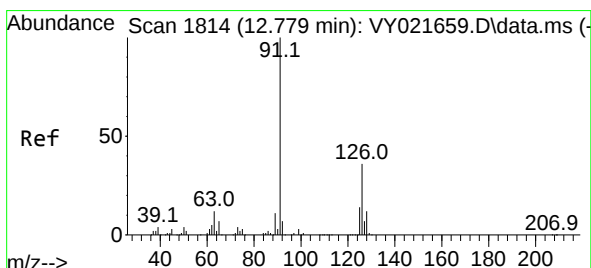
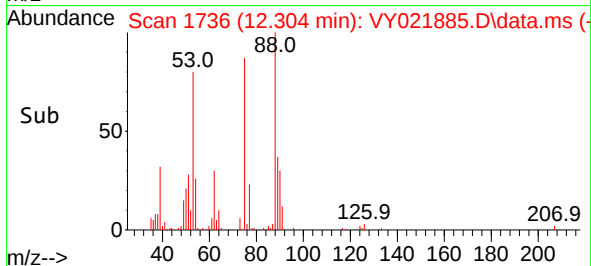
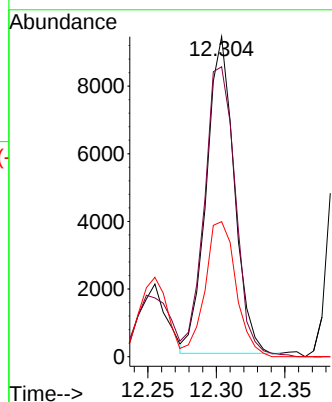
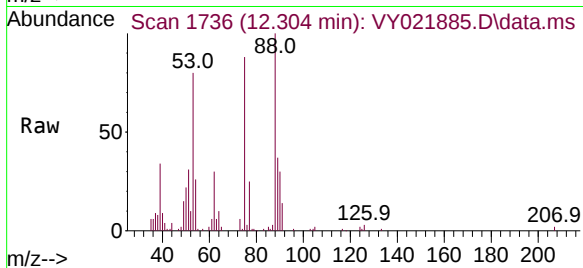




#81
trans-1,4-Dichloro-2-butene
Concen: 17.793 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

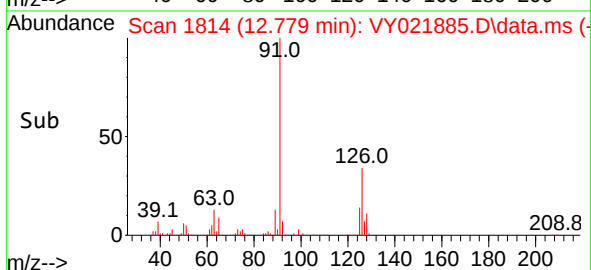
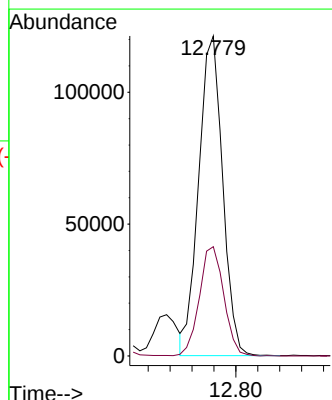
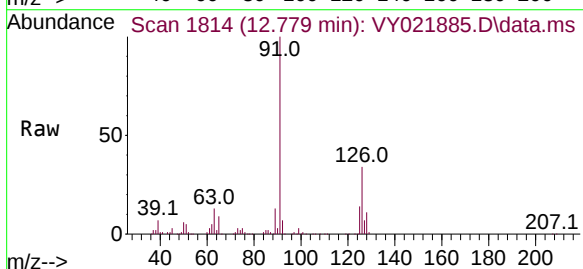
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

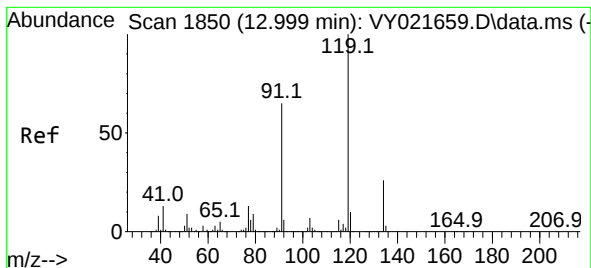
Tgt Ion: 75 Resp: 13215
Ion Ratio Lower Upper
75 100
53 102.6 76.1 114.1
89 47.6 36.2 54.4



#82
4-Chlorotoluene
Concen: 19.642 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion: 91 Resp: 183351
Ion Ratio Lower Upper
91 100
126 35.0 17.0 50.9





#83

tert-Butylbenzene

Concen: 19.622 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

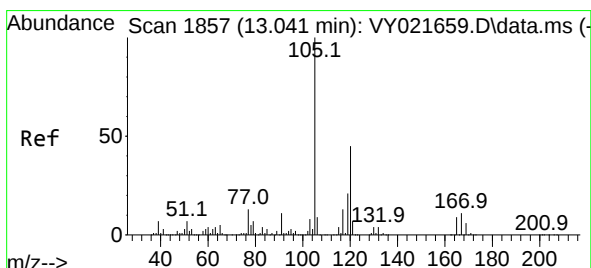
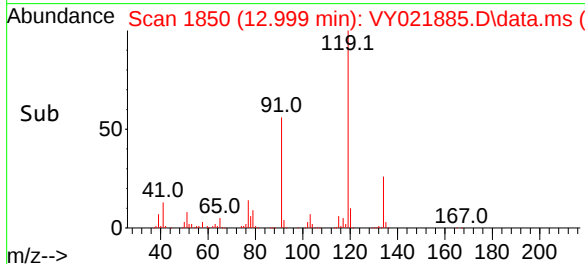
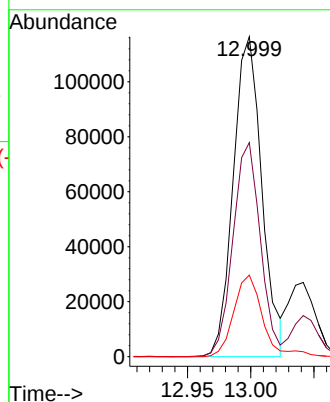
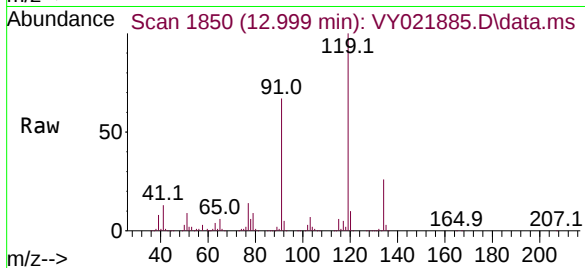
Tgt Ion:119 Resp: 183159

Ion Ratio Lower Upper

119 100

91 64.3 32.6 97.7

134 25.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 19.870 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY021885.D

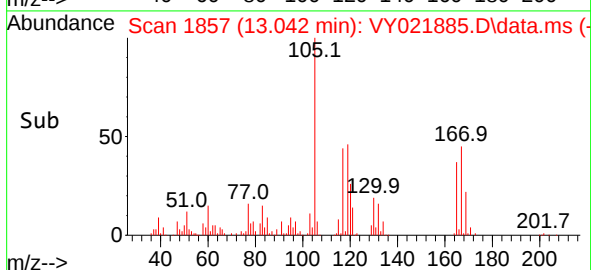
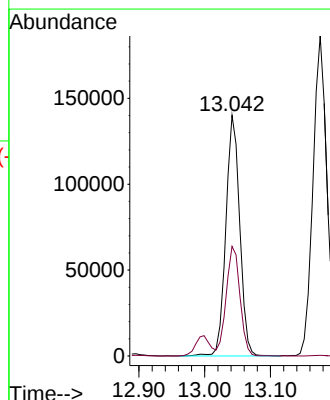
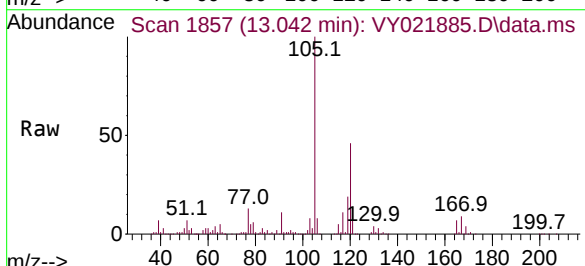
Acq: 15 Apr 2025 10:31

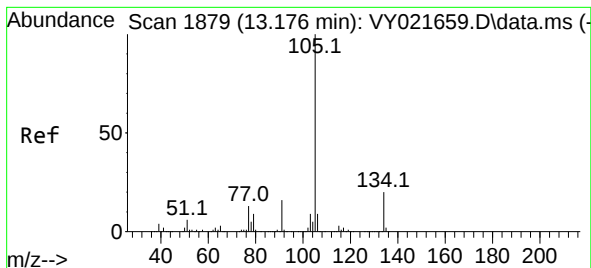
Tgt Ion:105 Resp: 205805

Ion Ratio Lower Upper

105 100

120 45.2 22.7 68.1





#85

sec-Butylbenzene

Concen: 19.932 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

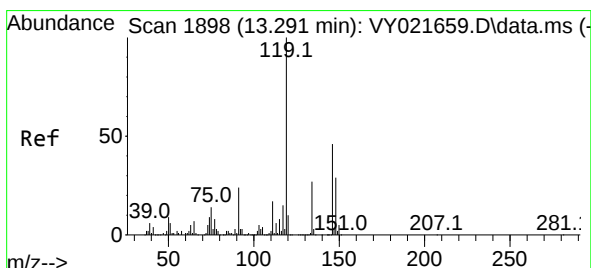
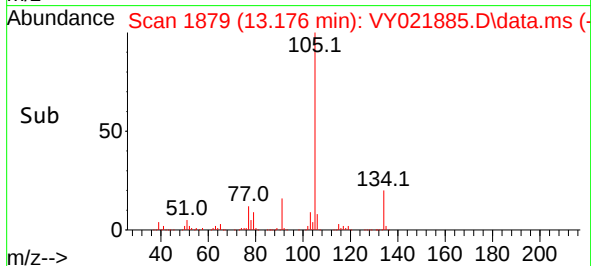
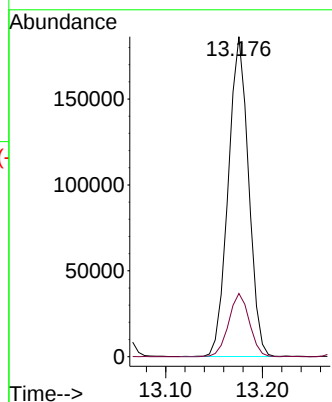
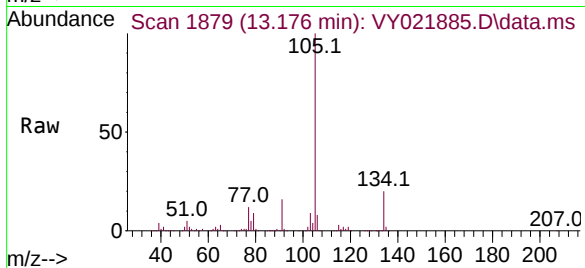
VY0415SBSD01

Tgt Ion:105 Resp: 271894

Ion Ratio Lower Upper

105 100

134 20.1 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.887 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

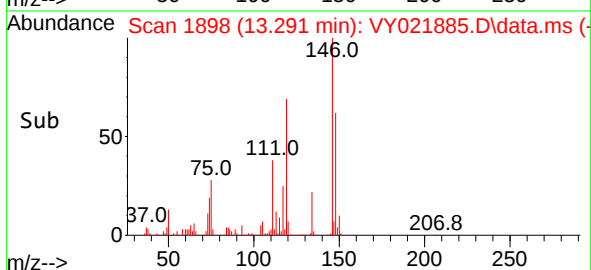
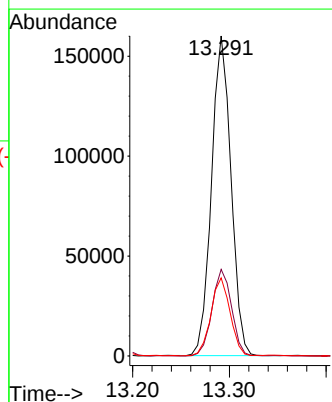
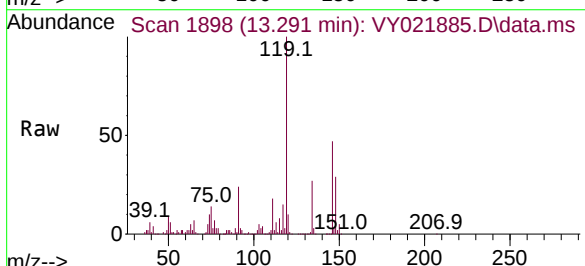
Tgt Ion:119 Resp: 224215

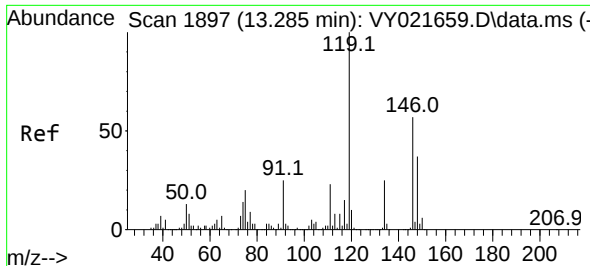
Ion Ratio Lower Upper

119 100

134 27.2 13.2 39.5

91 24.0 12.0 36.0

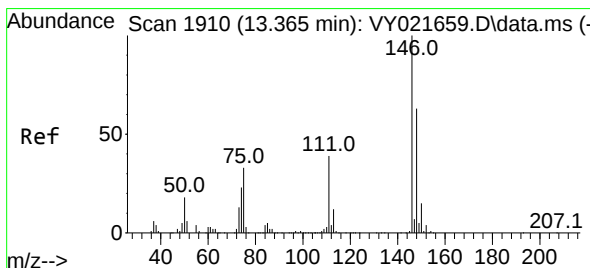
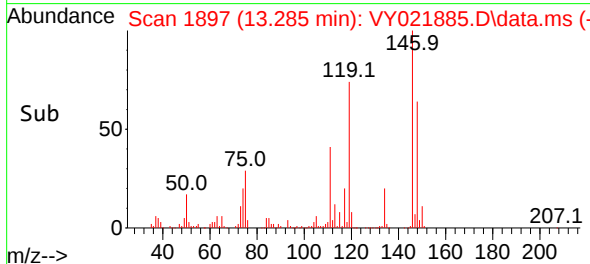
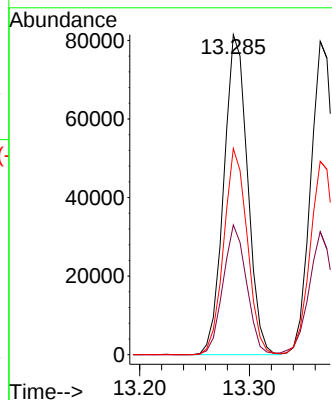
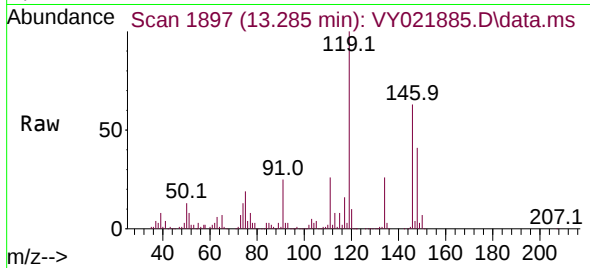




#87
1,3-Dichlorobenzene
Concen: 20.222 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

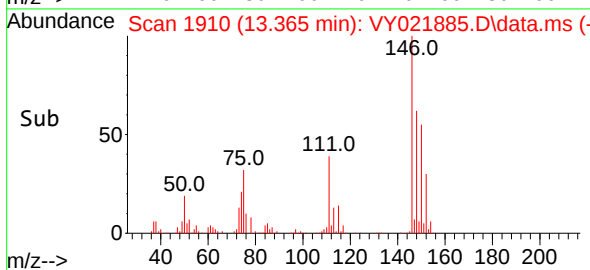
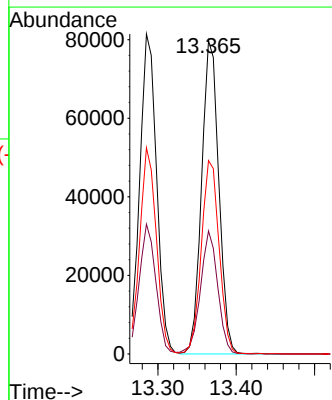
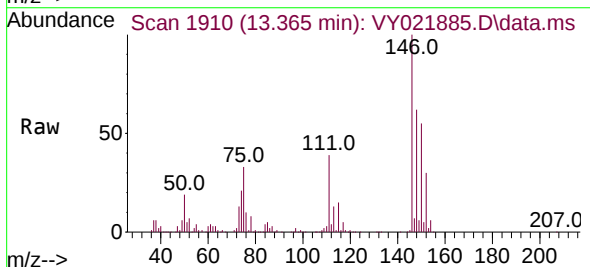
Instrument :
MSVOA_Y
ClientSampleId :
VY0415SBSD01

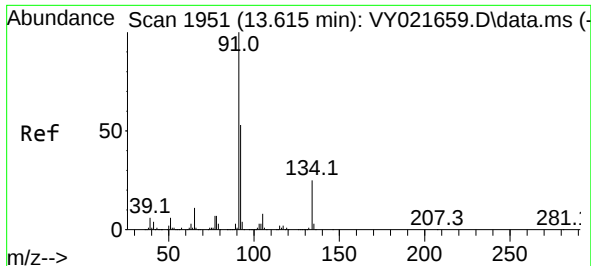
Tgt Ion:146 Resp: 122656
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 63.7 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 20.286 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.000 min
Lab File: VY021885.D
Acq: 15 Apr 2025 10:31

Tgt Ion:146 Resp: 121568
Ion Ratio Lower Upper
146 100
111 39.6 19.1 57.1
148 63.9 31.5 94.5





#89

n-Butylbenzene

Concen: 19.625 ug/l

RT: 13.621 min Scan# 1951

Delta R.T. 0.006 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBS01

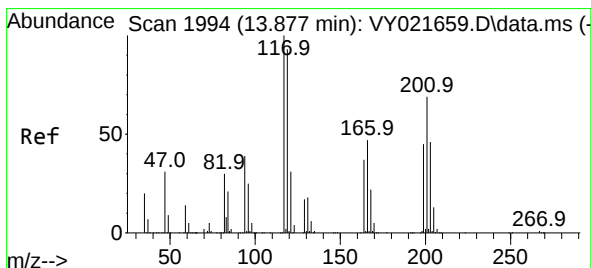
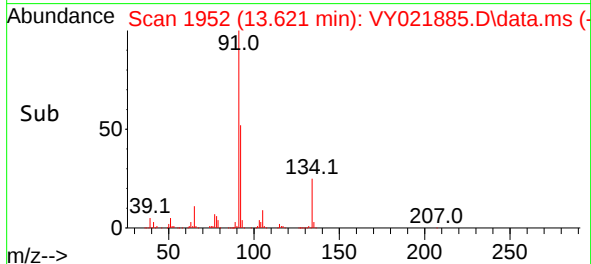
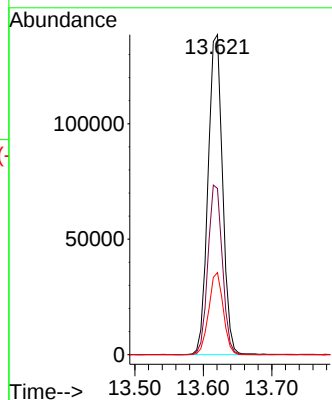
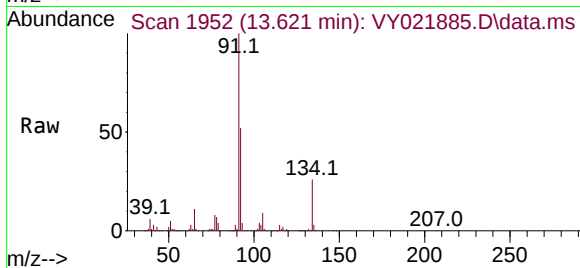
Tgt Ion: 91 Resp: 204620

Ion Ratio Lower Upper

91 100

92 52.7 26.4 79.2

134 25.7 12.8 38.4



#90

Hexachloroethane

Concen: 19.519 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY021885.D

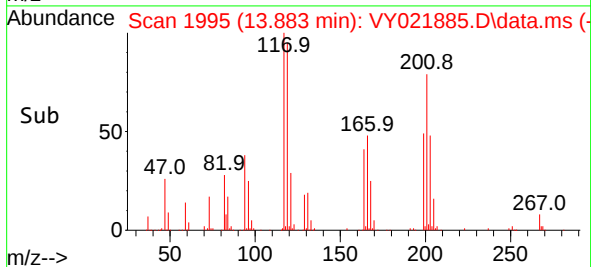
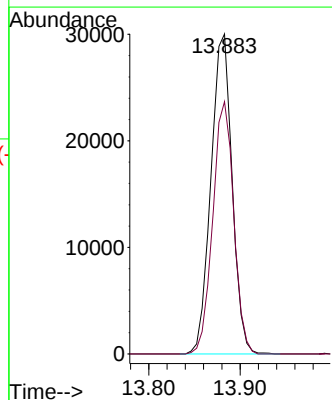
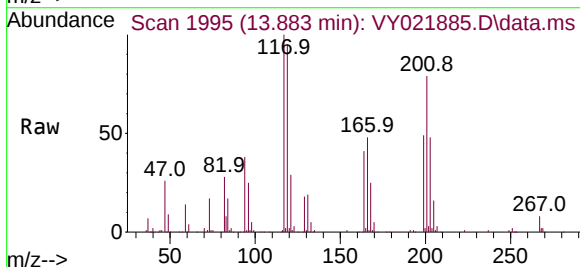
Acq: 15 Apr 2025 10:31

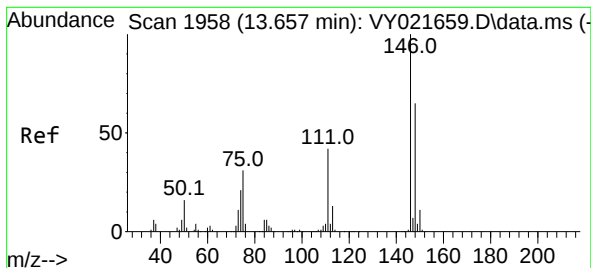
Tgt Ion: 117 Resp: 48225

Ion Ratio Lower Upper

117 100

201 77.9 37.4 112.1





#91

1,2-Dichlorobenzene

Concen: 20.317 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBSD01

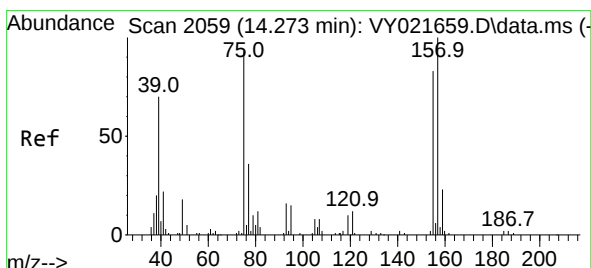
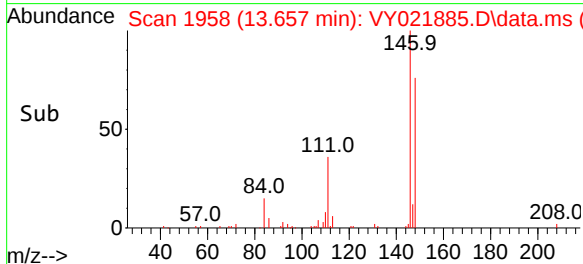
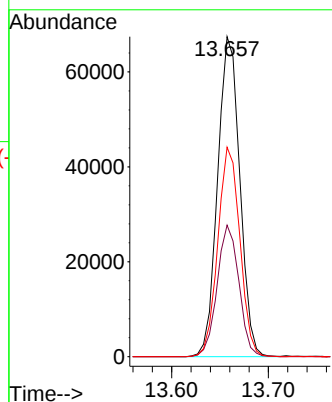
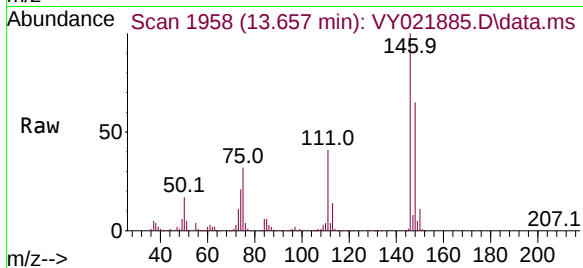
Tgt Ion:146 Resp: 107275

Ion Ratio Lower Upper

146 100

111 40.4 20.7 62.1

148 65.0 32.3 96.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.862 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

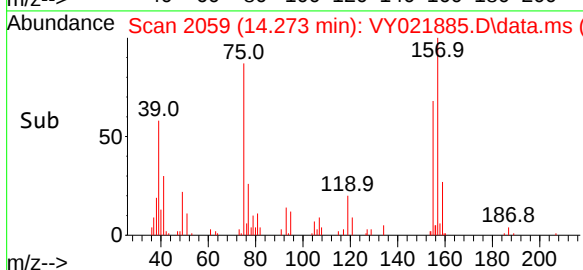
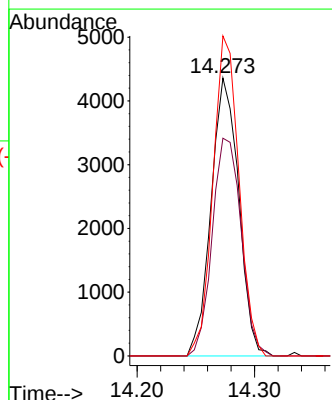
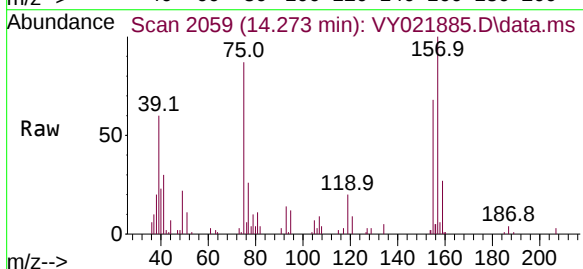
Tgt Ion: 75 Resp: 7097

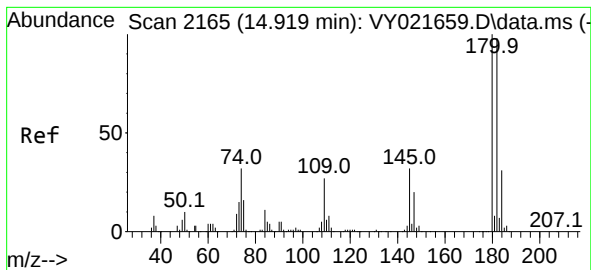
Ion Ratio Lower Upper

75 100

155 82.1 43.0 128.8

157 108.3 54.0 162.0

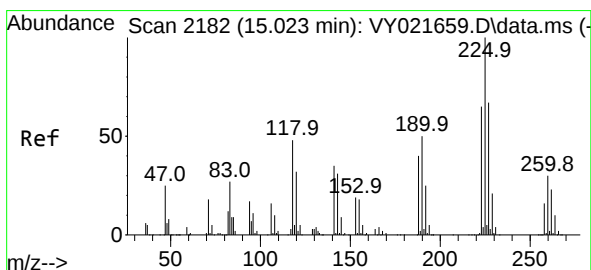
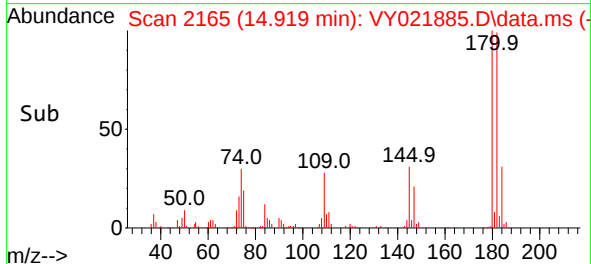
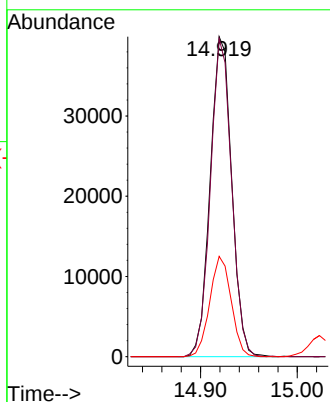
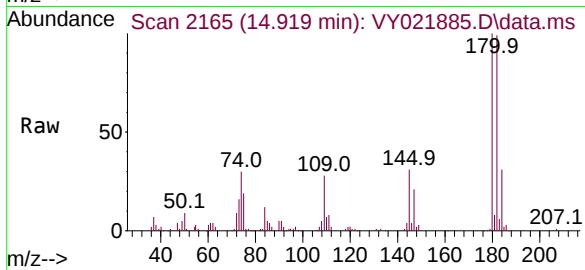




#93
 1,2,4-Trichlorobenzene
 Concen: 21.519 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

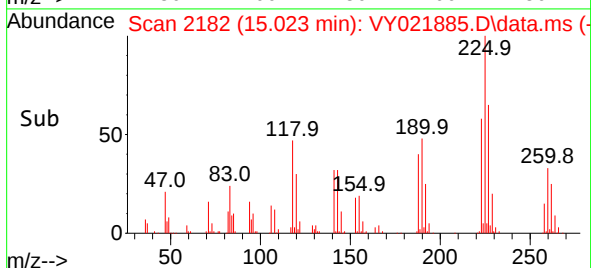
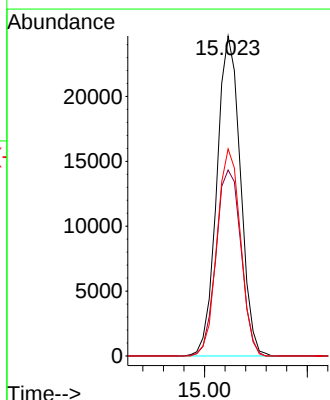
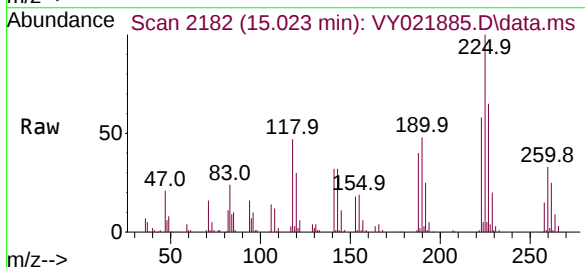
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0415SBS01

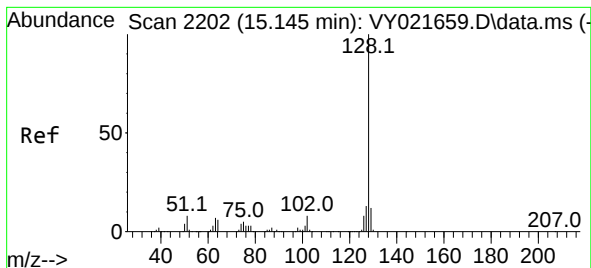
Tgt Ion:180 Resp: 61618
 Ion Ratio Lower Upper
 180 100
 182 97.4 47.5 142.6
 145 31.2 14.9 44.9



#94
 Hexachlorobutadiene
 Concen: 21.932 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY021885.D
 Acq: 15 Apr 2025 10:31

Tgt Ion:225 Resp: 39220
 Ion Ratio Lower Upper
 225 100
 223 61.4 31.9 95.7
 227 64.3 32.4 97.0





#95

Naphthalene

Concen: 21.028 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Instrument :

MSVOA_Y

ClientSampleId :

VY0415SBSD01

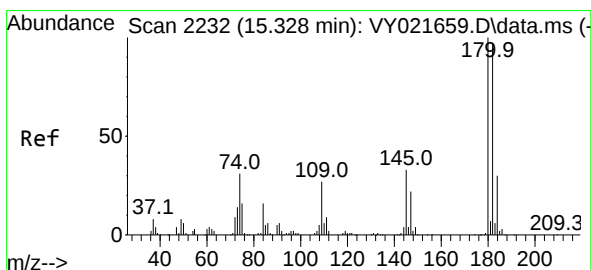
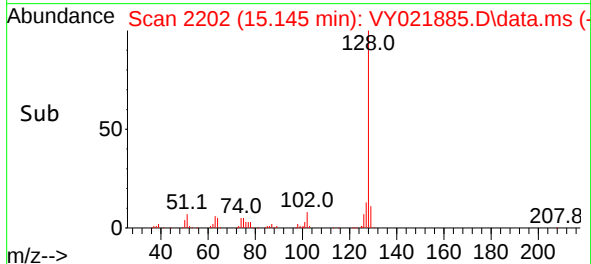
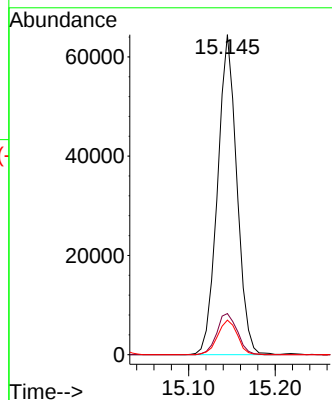
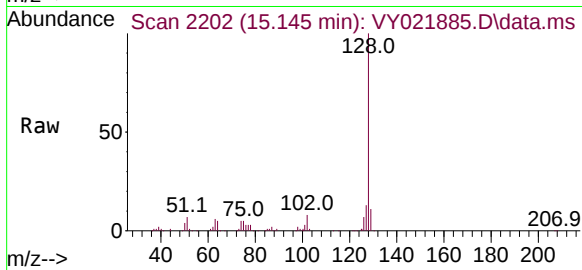
Tgt Ion:128 Resp: 99801

Ion Ratio Lower Upper

128 100

127 13.7 10.8 16.2

129 11.0 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 22.048 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY021885.D

Acq: 15 Apr 2025 10:31

Tgt Ion:180 Resp: 53836

Ion Ratio Lower Upper

180 100

182 96.9 47.5 142.5

145 32.7 15.9 47.7

