

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021398.D
 Acq On : 04 Mar 2025 10:09
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Mar 05 02:58:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 02:30:51 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	234648	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	364702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	318510	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	158359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	48282	19.468	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	38.940%#
35) Dibromofluoromethane	7.640	113	45904	19.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.300%#
50) Toluene-d8	10.109	98	172011	18.951	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	37.900%#
62) 4-Bromofluorobenzene	12.407	95	57456	18.609	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	37.220%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	39013	18.118	ug/l	99
3) Chloromethane	2.074	50	55232	18.193	ug/l	98
4) Vinyl Chloride	2.208	62	59949	18.070	ug/l	97
5) Bromomethane	2.598	94	42205	17.602	ug/l	97
6) Chloroethane	2.738	64	40060	18.272	ug/l	98
7) Trichlorofluoromethane	3.062	101	84097	18.161	ug/l	99
8) Diethyl Ether	3.458	74	23333	18.183	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.824	101	47597	18.003	ug/l	99
10) Methyl Iodide	4.007	142	48356	17.994	ug/l	99
11) Tert butyl alcohol	4.866	59	16988	91.100	ug/l	97
12) 1,1-Dichloroethene	3.799	96	43203	17.924	ug/l	96
13) Acrolein	3.659	56	20256	160.575	ug/l	90
14) Allyl chloride	4.397	41	69859	17.935	ug/l	99
15) Acrylonitrile	5.067	53	49390	90.413	ug/l	99
16) Acetone	3.872	43	42878	79.267	ug/l	97
17) Carbon Disulfide	4.110	76	133782	17.710	ug/l	98
18) Methyl Acetate	4.391	43	21340	17.780	ug/l	97
19) Methyl tert-butyl Ether	5.122	73	110487	18.085	ug/l	97
20) Methylene Chloride	4.628	84	50462	17.772	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	48412	17.935	ug/l	98
22) Diisopropyl ether	6.024	45	157248	18.732	ug/l	96
23) Vinyl Acetate	5.970	43	439671	91.773	ug/l	99
24) 1,1-Dichloroethane	5.921	63	89625	18.090	ug/l	98
25) 2-Butanone	6.902	43	63994	85.523	ug/l	92
26) 2,2-Dichloropropane	6.890	77	80697	17.702	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	55597	18.130	ug/l	99
28) Bromochloromethane	7.250	49	39711	19.118	ug/l	98
29) Tetrahydrofuran	7.274	42	41984	90.885	ug/l	98
30) Chloroform	7.427	83	93077	18.092	ug/l	98
31) Cyclohexane	7.707	56	83067	17.884	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	83884	17.807	ug/l	99
36) 1,1-Dichloropropene	7.841	75	67437	17.972	ug/l	98
37) Ethyl Acetate	6.988	43	28443	16.803	ug/l	99
38) Carbon Tetrachloride	7.823	117	78440	18.176	ug/l	99
39) Methylcyclohexane	9.115	83	80192	17.422	ug/l	100
40) Benzene	8.085	78	199273	18.027	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	15135	16.416	ug/l #	77
42) 1,2-Dichloroethane	8.164	62	56356	18.224	ug/l	100
43) Isopropyl Acetate	8.201	43	56260	17.474	ug/l #	87
44) Trichloroethene	8.865	130	50961	18.244	ug/l	97
45) 1,2-Dichloropropane	9.146	63	48565	18.460	ug/l	93
46) Dibromomethane	9.231	93	26972	18.426	ug/l	99
47) Bromodichloromethane	9.426	83	70770	18.205	ug/l	99
48) Methyl methacrylate	9.225	41	26835	17.976	ug/l	97
49) 1,4-Dioxane	9.237	88	5448	379.181	ug/l	94
51) 4-Methyl-2-Pentanone	9.999	43	147076	88.535	ug/l	99
52) Toluene	10.176	92	124450	17.858	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	61342	17.911	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	72678	17.873	ug/l	98
55) 1,1,2-Trichloroethane	10.572	97	34630	18.085	ug/l	98
56) Ethyl methacrylate	10.444	69	42134	17.253	ug/l	99
57) 1,3-Dichloropropane	10.719	76	61443	18.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	101217	89.786	ug/l	100
59) 2-Hexanone	10.768	43	94397	85.937	ug/l	98
60) Dibromochloromethane	10.914	129	47714	18.176	ug/l	98
61) 1,2-Dibromoethane	11.017	107	32927	18.220	ug/l	96
64) Tetrachloroethene	10.652	164	47121	18.193	ug/l	97
65) Chlorobenzene	11.444	112	135648	18.035	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	47998	18.050	ug/l	99
67) Ethyl Benzene	11.523	91	232468	17.609	ug/l	99
68) m/p-Xylenes	11.633	106	179664	35.847	ug/l	99
69) o-Xylene	11.956	106	80909	17.516	ug/l	98
70) Styrene	11.975	104	138147	18.027	ug/l	99
71) Bromoform	12.133	173	27186	18.288	ug/l #	99
73) Isopropylbenzene	12.255	105	219699	17.612	ug/l	99
74) N-amyl acetate	12.072	43	47062	17.372	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	40373	18.341	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	51270	32.129	ug/l #	100
77) Bromobenzene	12.536	156	52163	17.874	ug/l	97
78) n-propylbenzene	12.596	91	269961	17.819	ug/l	99
79) 2-Chlorotoluene	12.682	91	155109	17.906	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	183398	18.091	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	12253	17.456	ug/l	98
82) 4-Chlorotoluene	12.779	91	160509	17.893	ug/l	99
83) tert-Butylbenzene	12.999	119	157912	17.461	ug/l	99
84) 1,2,4-Trimethylbenzene	13.048	105	183733	18.254	ug/l	100
85) sec-Butylbenzene	13.182	105	243719	18.113	ug/l	100
86) p-Isopropyltoluene	13.298	119	198423	17.900	ug/l	99
87) 1,3-Dichlorobenzene	13.291	146	103878	17.882	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	102862	18.106	ug/l	100
89) n-Butylbenzene	13.621	91	181603	17.741	ug/l	99
90) Hexachloroethane	13.883	117	41098	17.379	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	90658	18.208	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5850	17.741	ug/l	92
93) 1,2,4-Trichlorobenzene	14.925	180	46578	17.127	ug/l	100
94) Hexachlorobutadiene	15.029	225	30431	17.851	ug/l	98
95) Naphthalene	15.145	128	72734	17.845	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	38873	16.996	ug/l	99

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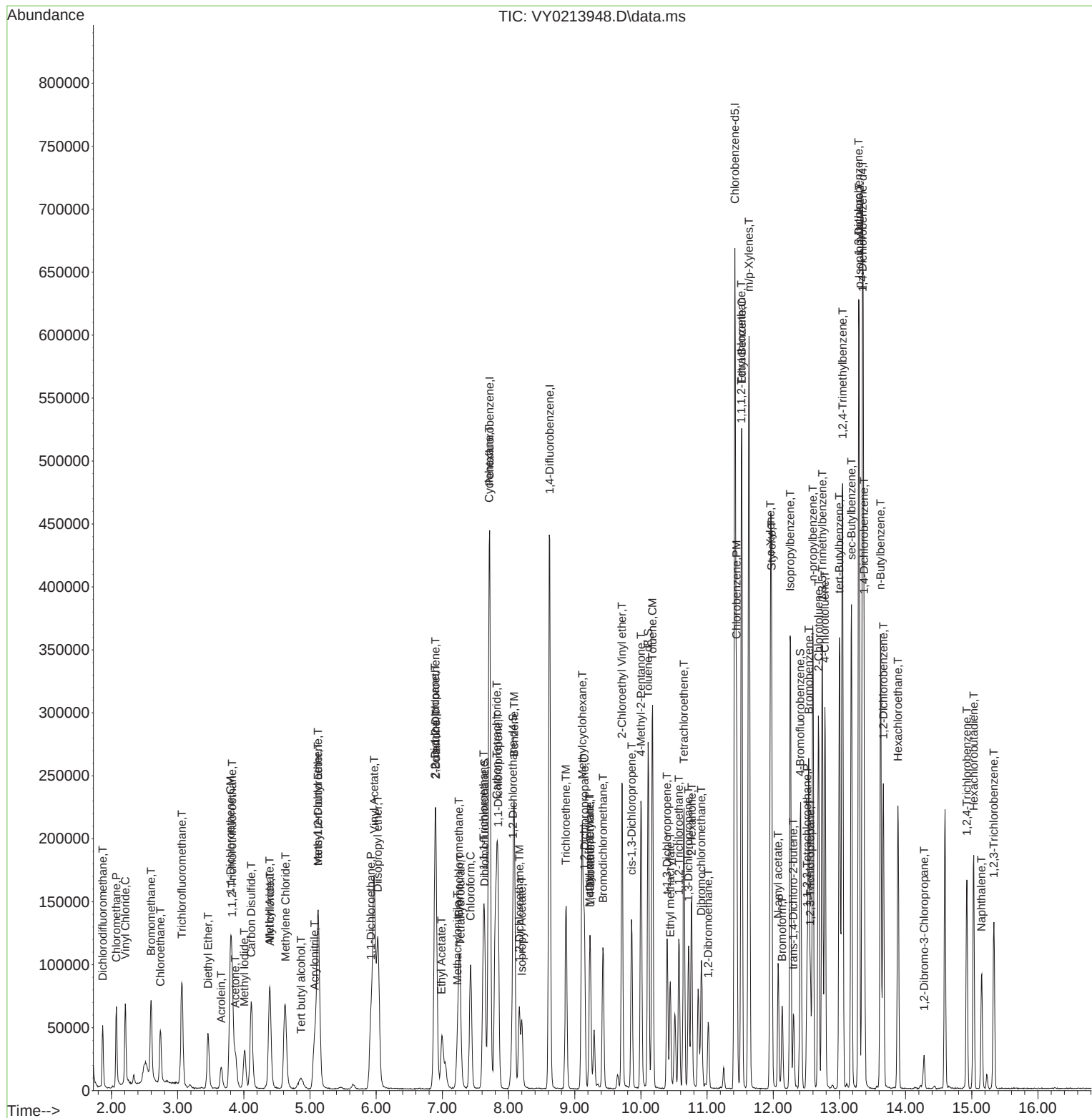
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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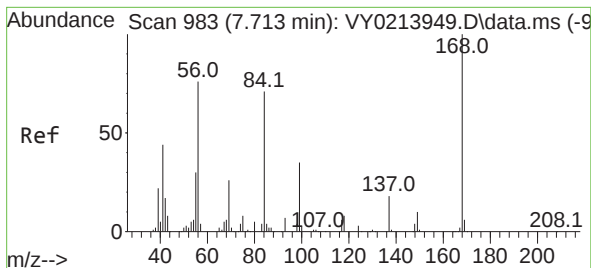
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

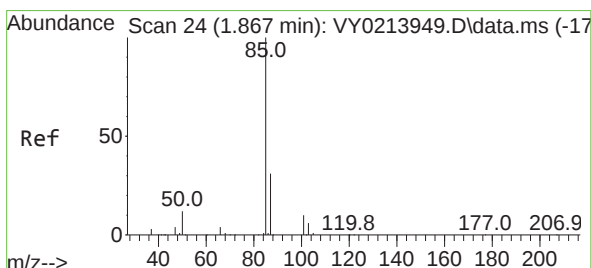
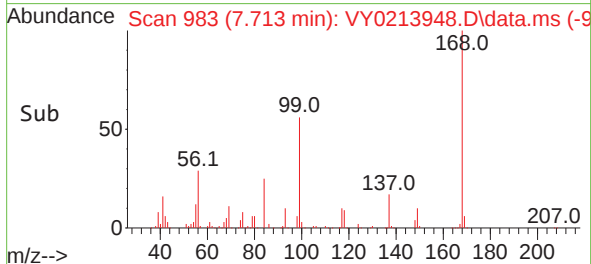
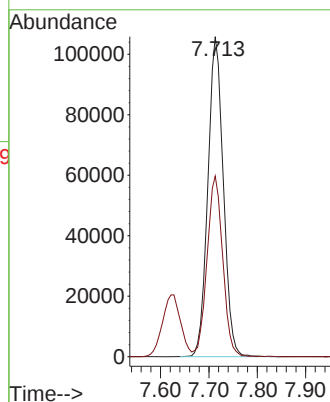
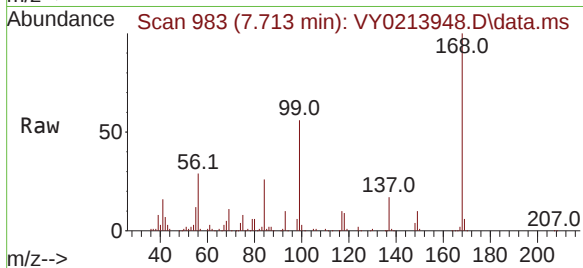
VSTDICC020

Tgt Ion:168 Resp: 234648

Ion Ratio Lower Upper

168 100

99 56.5 46.0 69.0



#2

Dichlorodifluoromethane

Concen: 18.118 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.000 min

Lab File: VY0213948.D

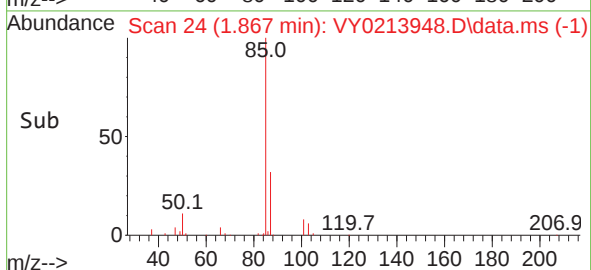
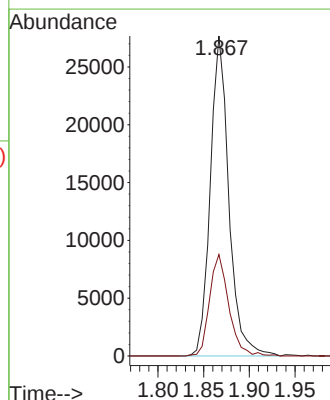
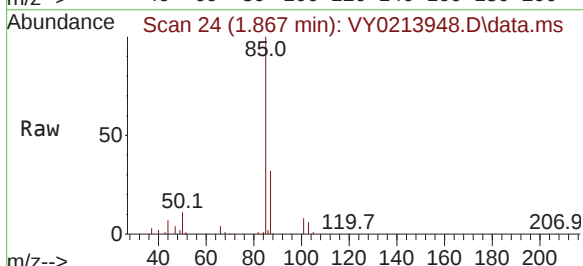
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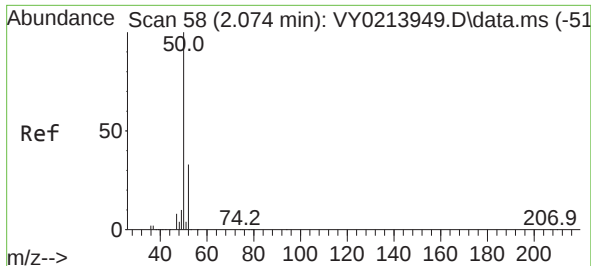
Tgt Ion: 85 Resp: 39013

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.0

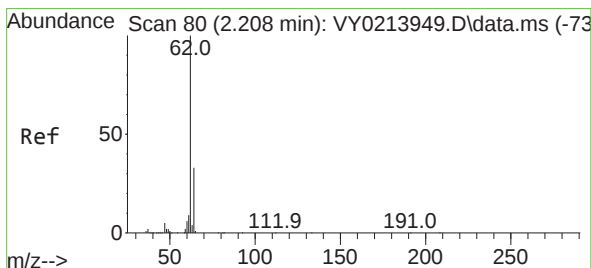
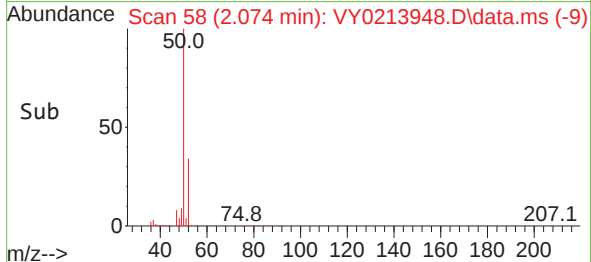
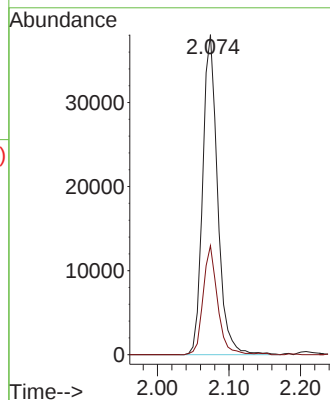
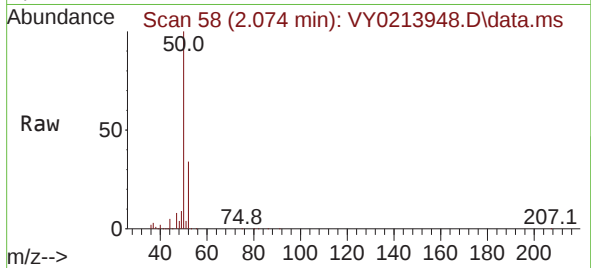




#3
Chloromethane
Concen: 18.193 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

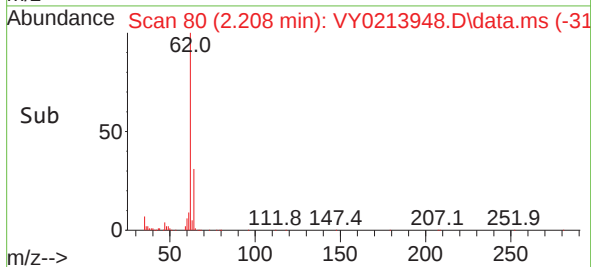
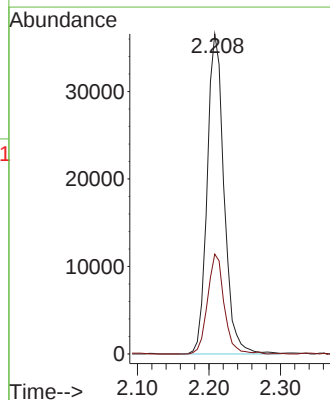
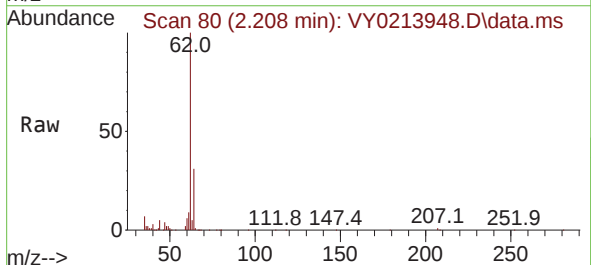
Instrument :
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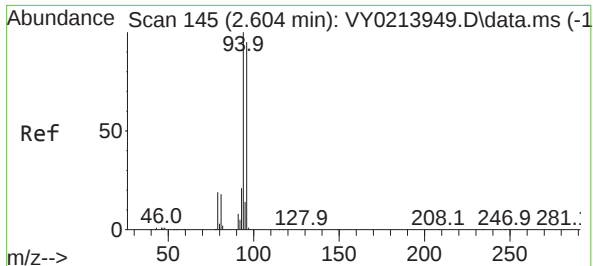
Tgt Ion: 50 Resp: 55232
Ion Ratio Lower Upper
50 100
52 34.0 26.2 39.2



#4
Vinyl Chloride
Concen: 18.070 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 62 Resp: 59949
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2

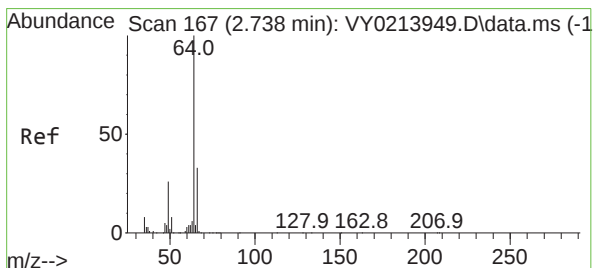
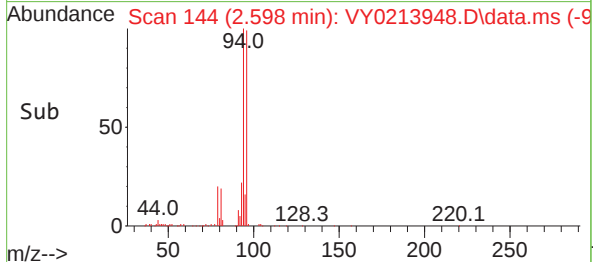
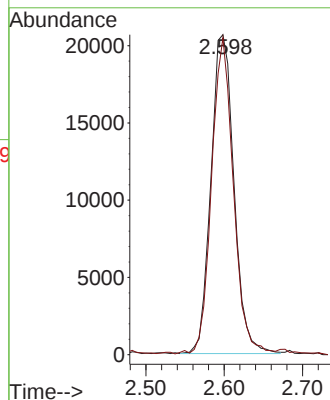
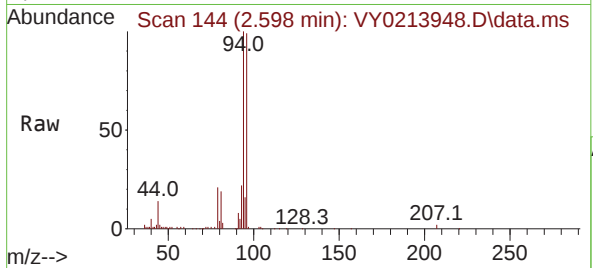




#5
Bromomethane
Concen: 17.602 ug/l
RT: 2.598 min Scan# 145
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

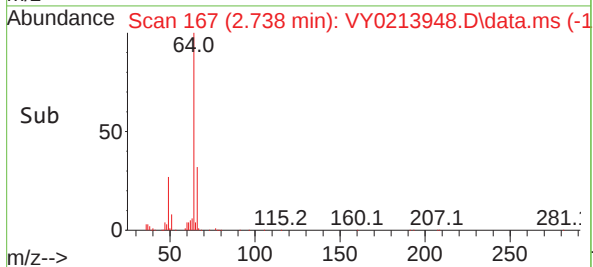
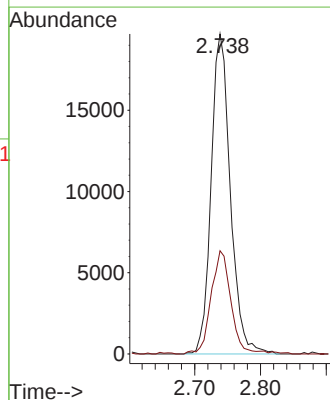
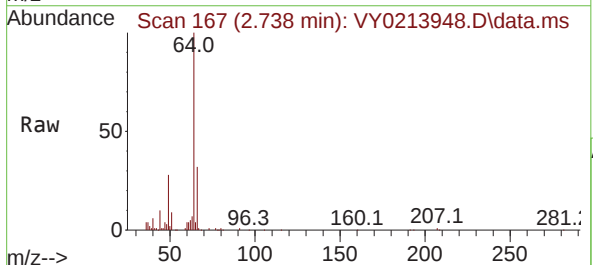
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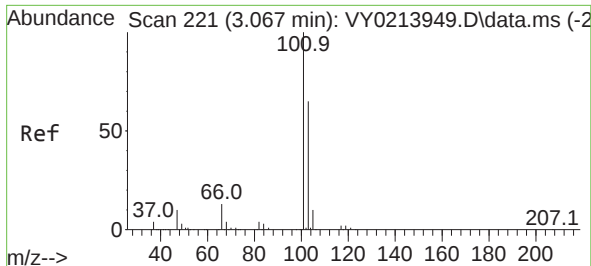
Tgt Ion: 94 Resp: 42205
Ion Ratio Lower Upper
94 100
96 98.6 76.3 114.5



#6
Chloroethane
Concen: 18.272 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 64 Resp: 40060
Ion Ratio Lower Upper
64 100
66 32.3 26.7 40.1

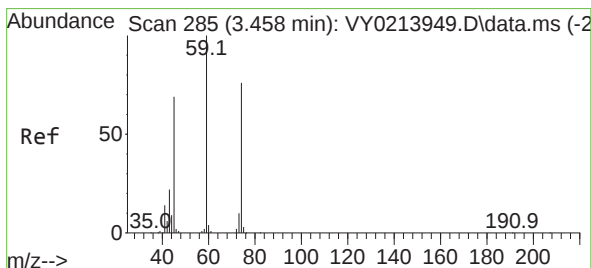
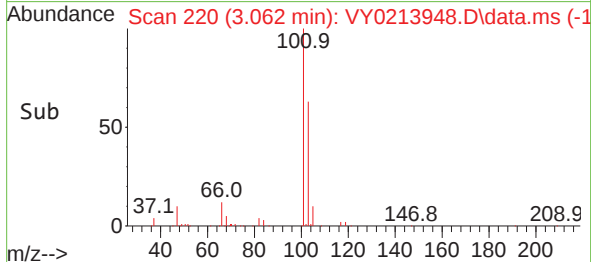
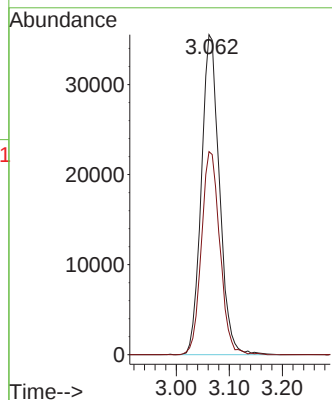
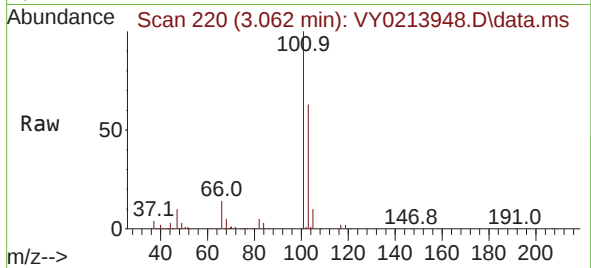




#7
 Trichlorofluoromethane
 Concen: 18.161 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

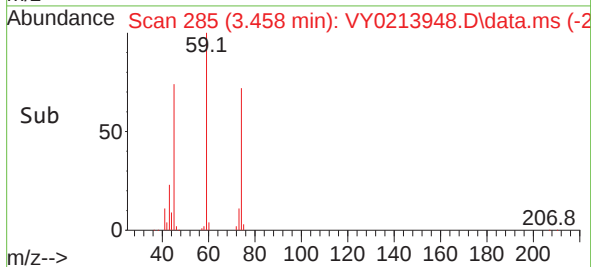
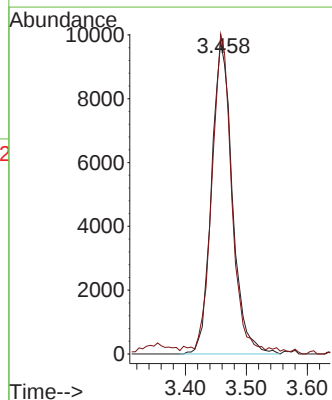
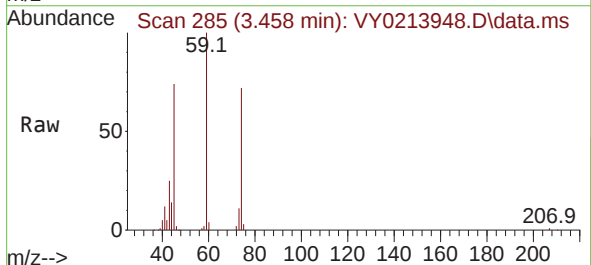
Instrument :
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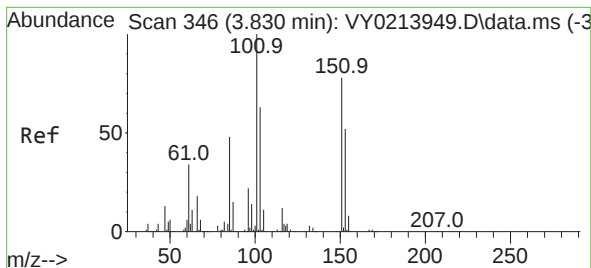
Tgt Ion:101 Resp: 84097
 Ion Ratio Lower Upper
 101 100
 103 63.5 51.7 77.5



#8
 Diethyl Ether
 Concen: 18.183 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion: 74 Resp: 23333
 Ion Ratio Lower Upper
 74 100
 45 95.1 49.7 149.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.003 ug/l

RT: 3.824 min Scan# 346

Delta R.T. -0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

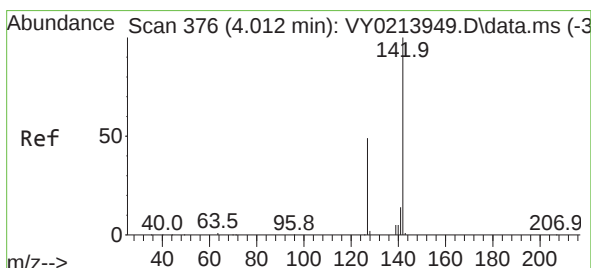
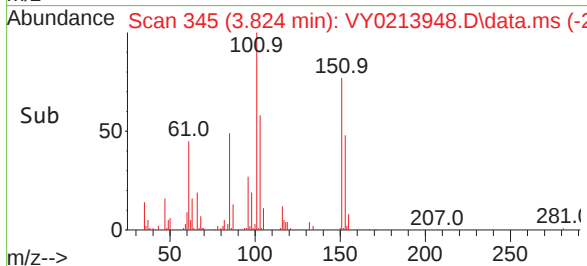
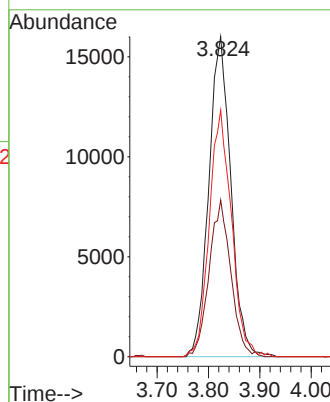
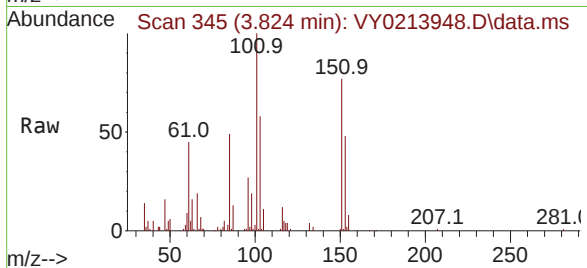
Tgt Ion:101 Resp: 47597

Ion Ratio Lower Upper

101 100

85 48.2 37.1 55.7

151 77.8 62.1 93.1



#10

Methyl Iodide

Concen: 17.994 ug/l

RT: 4.007 min Scan# 375

Delta R.T. -0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

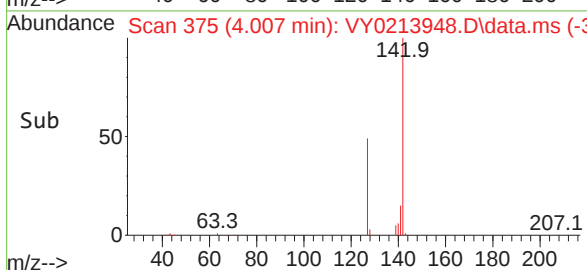
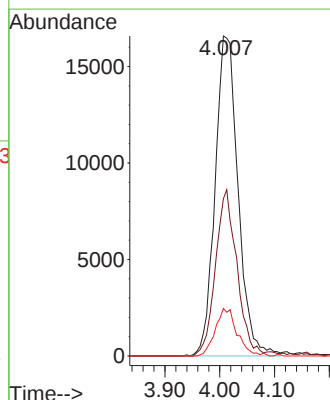
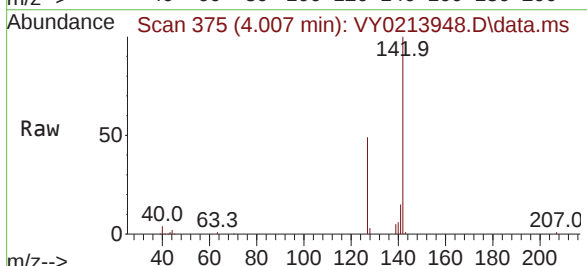
Tgt Ion:142 Resp: 48356

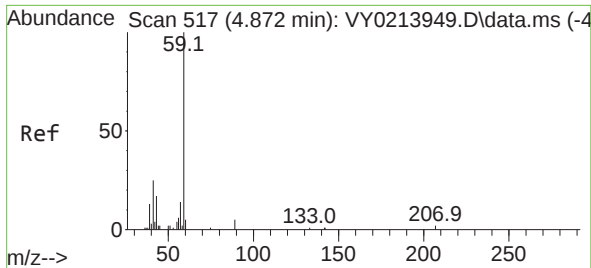
Ion Ratio Lower Upper

142 100

127 48.5 39.1 58.7

141 14.1 11.8 17.6

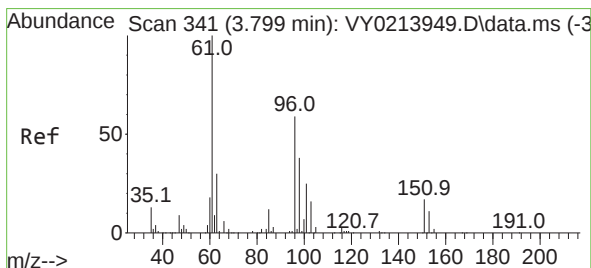
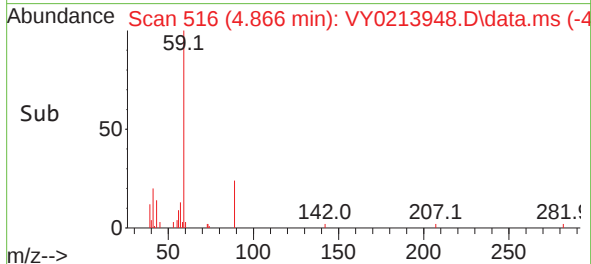
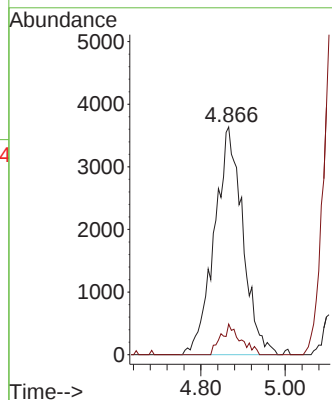
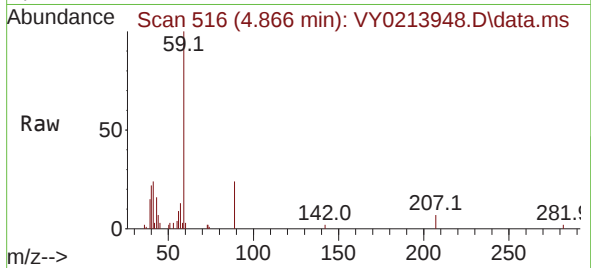




#11
Tert butyl alcohol
Concen: 91.100 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

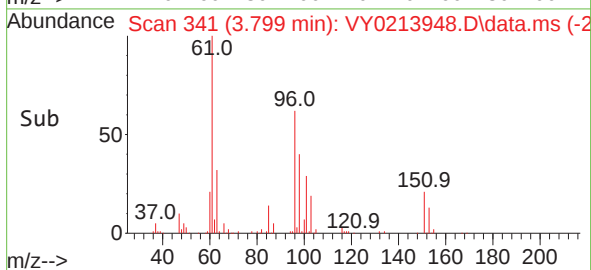
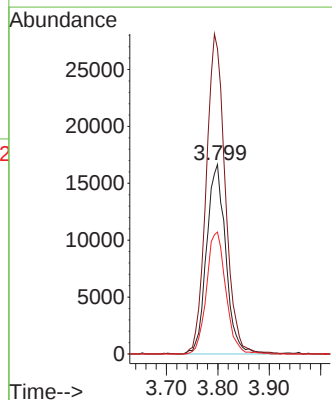
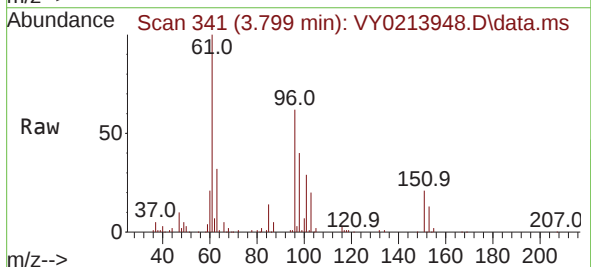
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

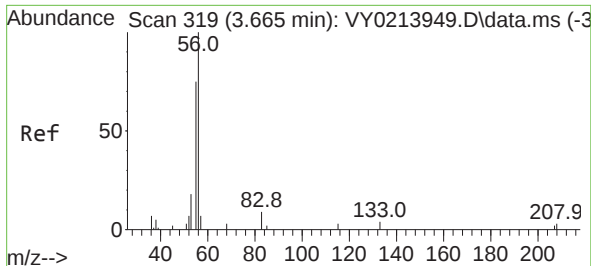
Tgt Ion: 59 Resp: 16988
Ion Ratio Lower Upper
59 100
57 9.2 8.2 12.4



#12
1,1-Dichloroethene
Concen: 17.924 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 96 Resp: 43203
Ion Ratio Lower Upper
96 100
61 161.1 135.2 202.8
98 64.4 51.4 77.2

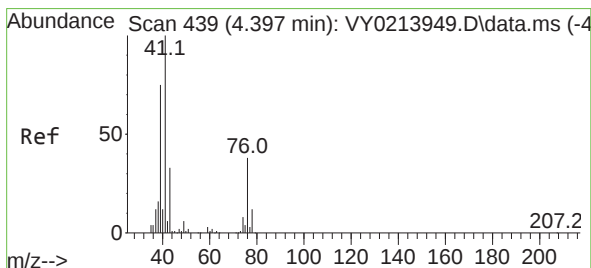
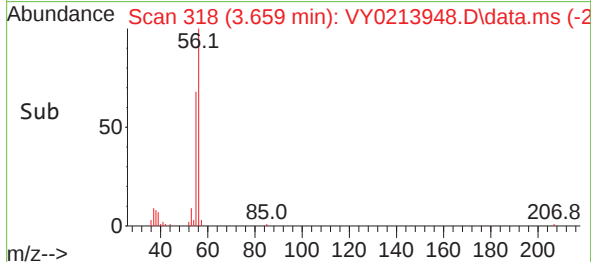
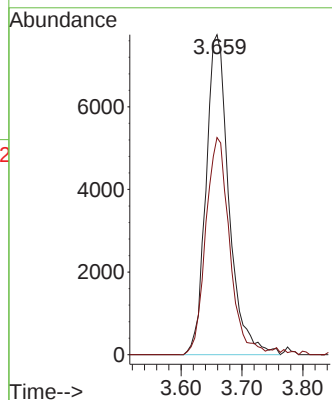
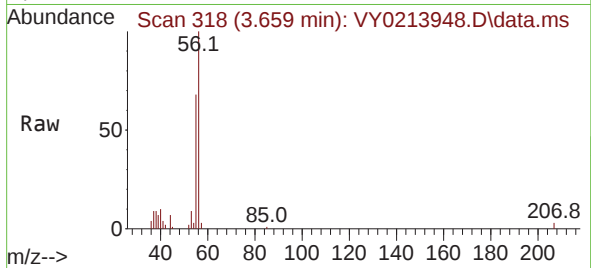




#13
Acrolein
Concen: 160.575 ug/l
RT: 3.659 min Scan# 318
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

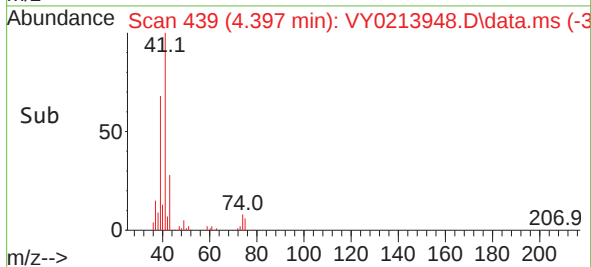
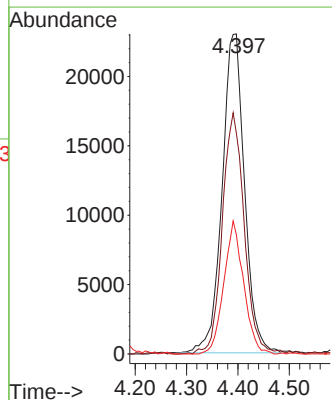
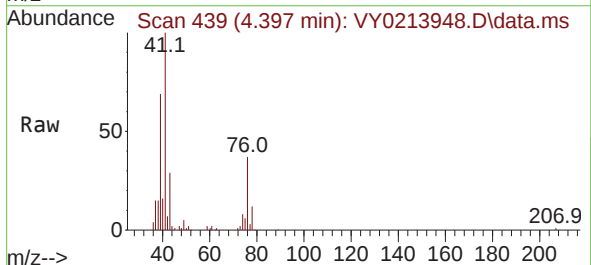
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

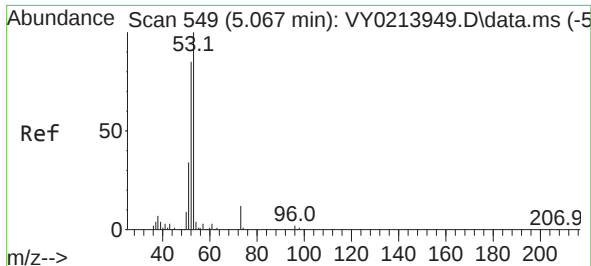
Tgt Ion: 56 Resp: 20256
Ion Ratio Lower Upper
56 100
55 70.4 63.4 95.2



#14
Allyl chloride
Concen: 17.935 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 41 Resp: 69859
Ion Ratio Lower Upper
41 100
39 73.8 59.3 88.9
76 36.7 29.8 44.8

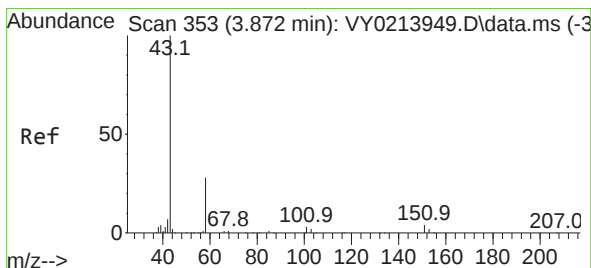
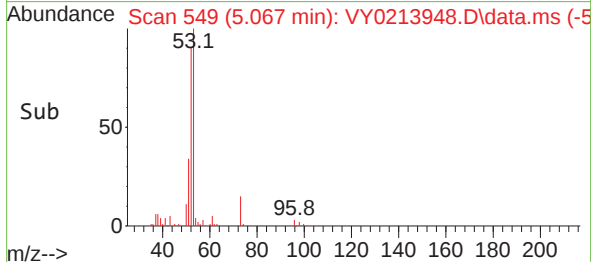
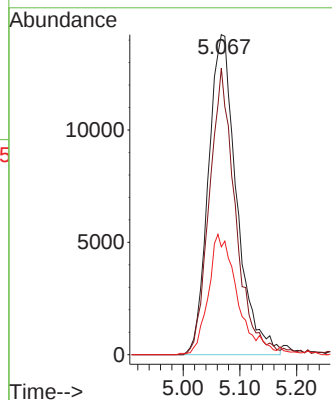
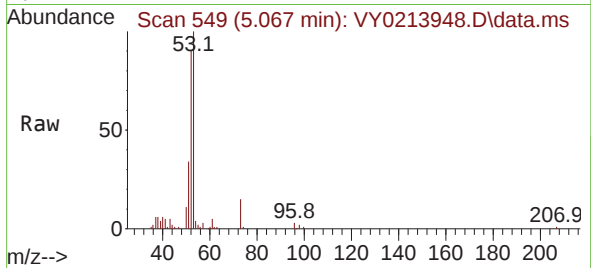




#15
Acrylonitrile
Concen: 90.413 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

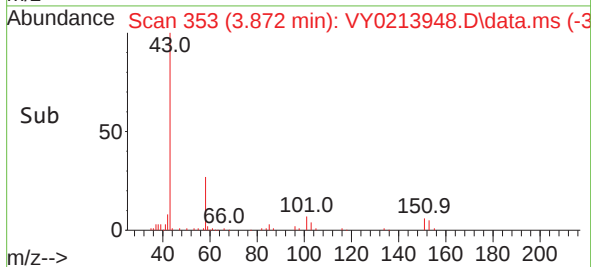
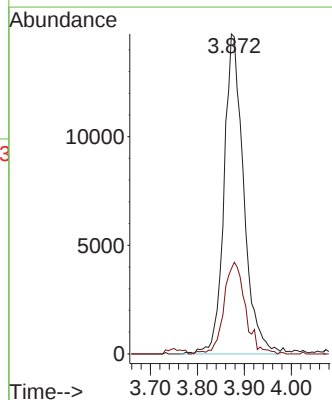
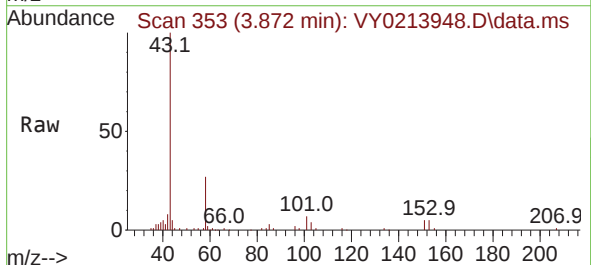
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

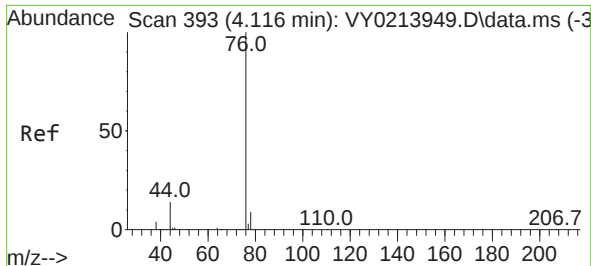
Tgt Ion: 53 Resp: 49390
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 38.6 30.3 45.5



#16
Acetone
Concen: 79.267 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 43 Resp: 42878
Ion Ratio Lower Upper
43 100
58 26.1 22.1 33.1





#17

Carbon Disulfide

Concen: 17.710 ug/l

RT: 4.110 min Scan# 393

Delta R.T. -0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

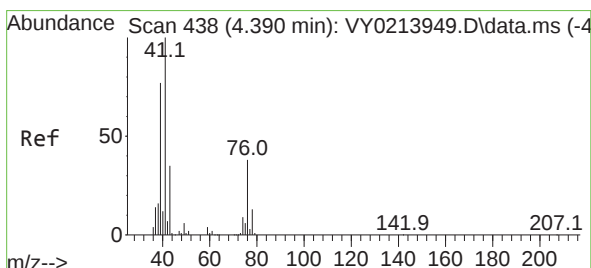
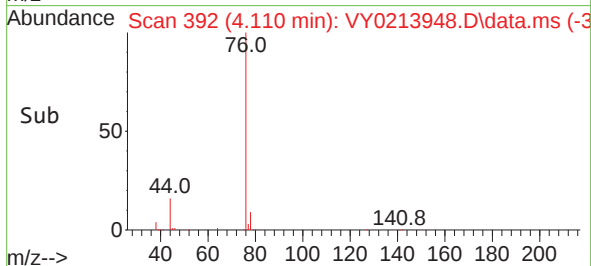
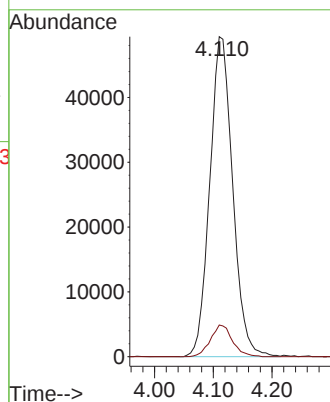
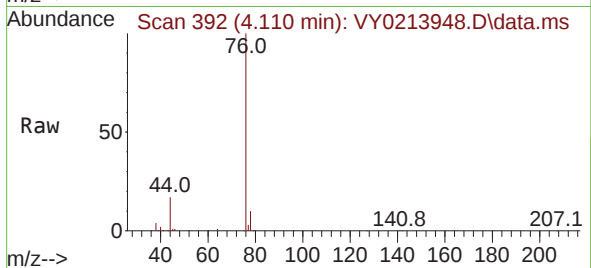
VSTDICC020

Tgt Ion: 76 Resp: 133782

Ion Ratio Lower Upper

76 100

78 9.9 7.4 11.0



#18

Methyl Acetate

Concen: 17.780 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.000 min

Lab File: VY0213948.D

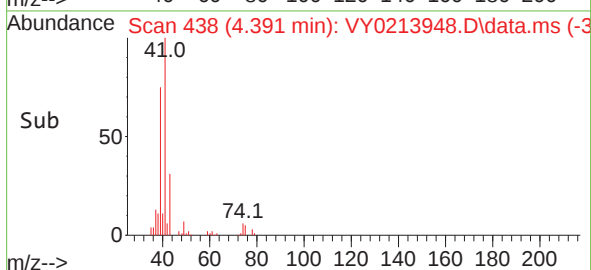
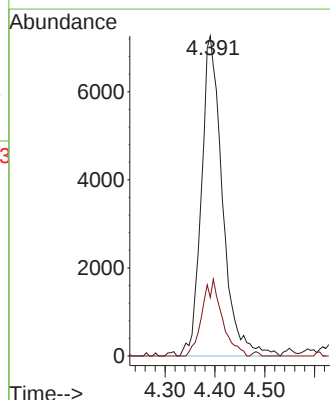
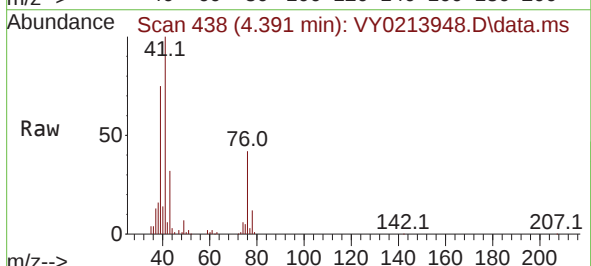
Acq: 04 Mar 2025 10:09

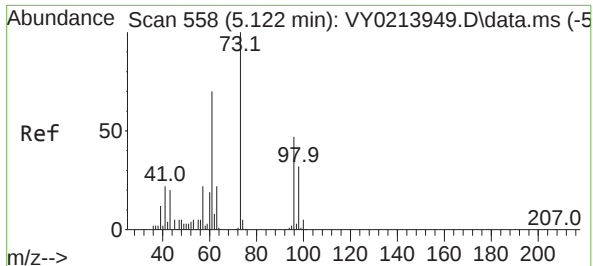
Tgt Ion: 43 Resp: 21340

Ion Ratio Lower Upper

43 100

74 22.8 19.4 29.0





#19

Methyl tert-butyl Ether

Concen: 18.085 ug/l

RT: 5.122 min Scan# 5

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

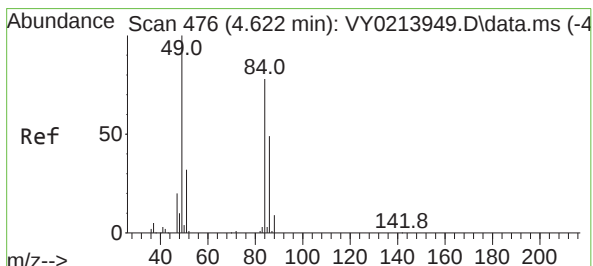
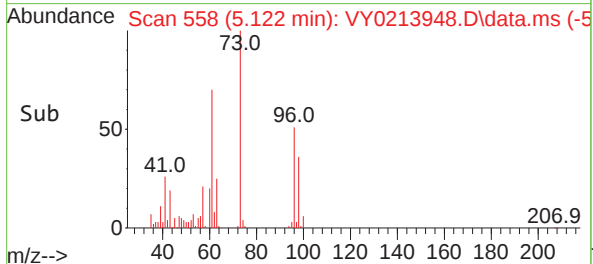
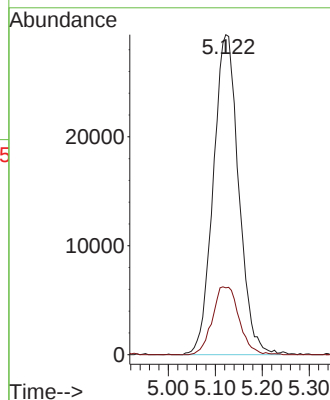
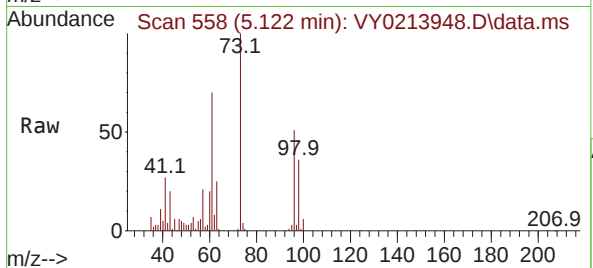
VSTDICC020

Tgt Ion: 73 Resp: 110487

Ion Ratio Lower Upper

73 100

57 20.9 17.9 26.9



#20

Methylene Chloride

Concen: 17.772 ug/l

RT: 4.628 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Tgt Ion: 84 Resp: 50462

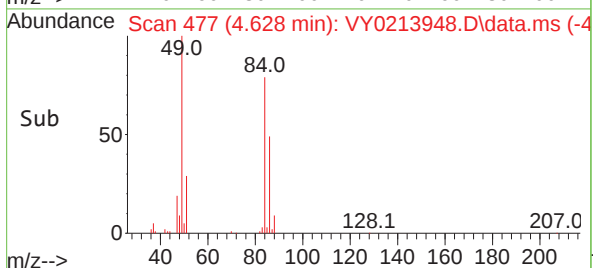
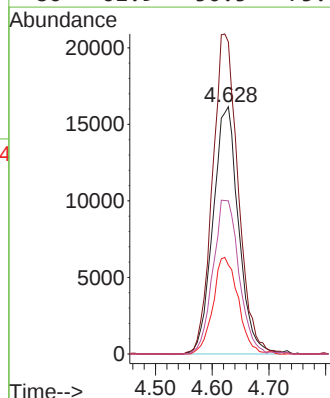
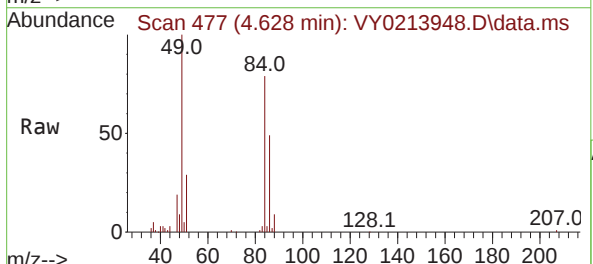
Ion Ratio Lower Upper

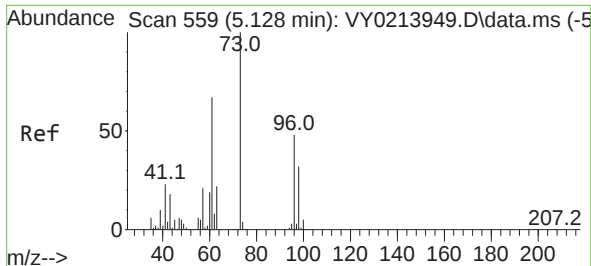
84 100

49 126.3 102.0 153.0

51 36.0 33.0 49.6

86 61.9 50.5 75.7

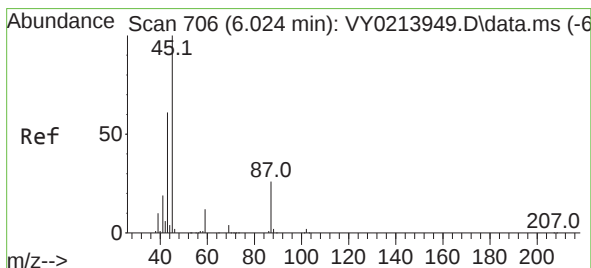
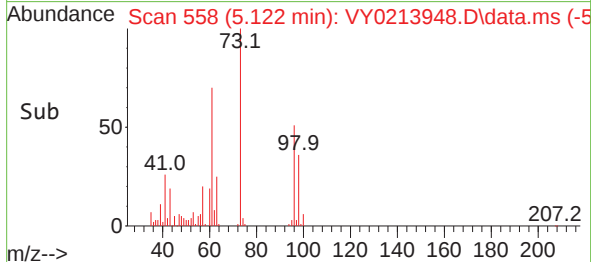
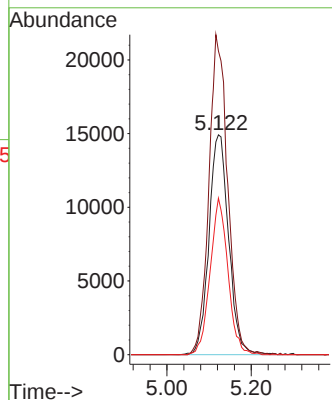
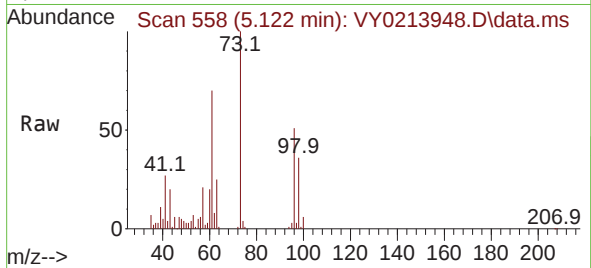




#21
trans-1,2-Dichloroethene
Concen: 17.935 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

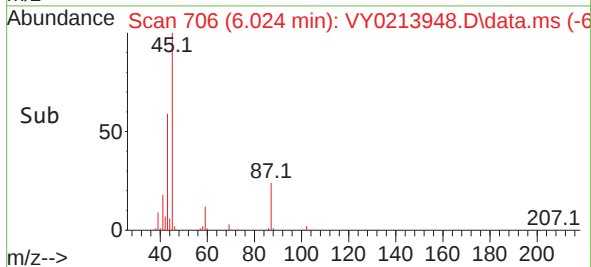
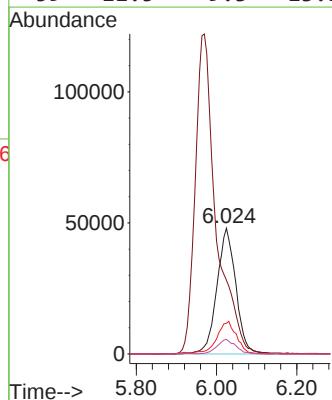
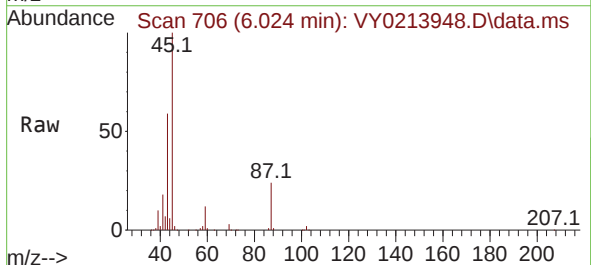
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

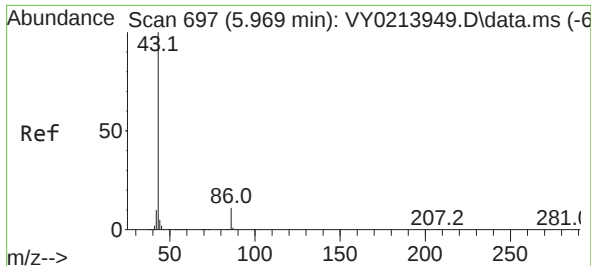
Tgt Ion: 96 Resp: 48412
Ion Ratio Lower Upper
96 100
61 138.1 111.5 167.3
98 71.2 53.8 80.8



#22
Diisopropyl ether
Concen: 18.732 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 45 Resp: 157248
Ion Ratio Lower Upper
45 100
43 58.0 48.7 73.1
87 24.4 21.5 32.3
59 11.5 9.3 13.9

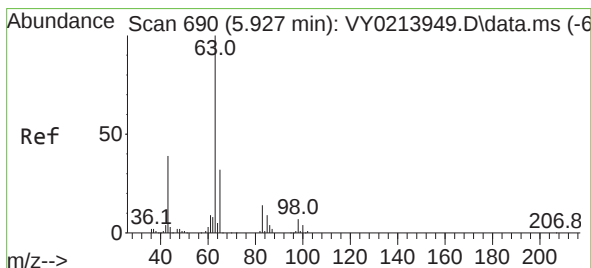
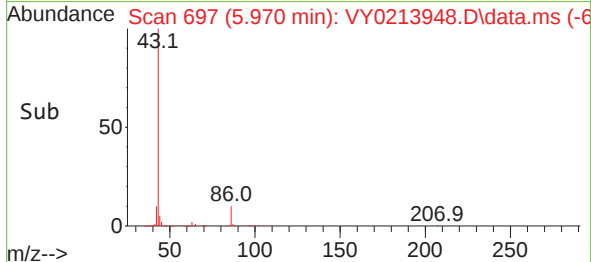
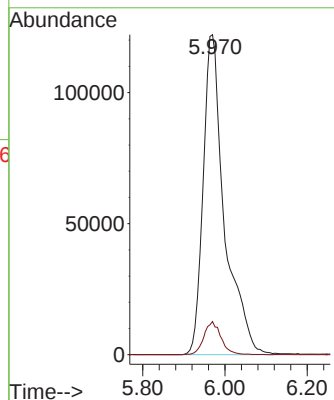
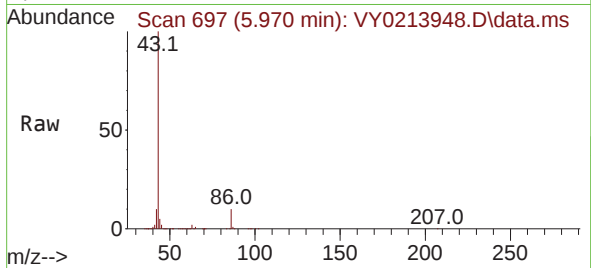




#23
 Vinyl Acetate
 Concen: 91.773 ug/l
 RT: 5.970 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

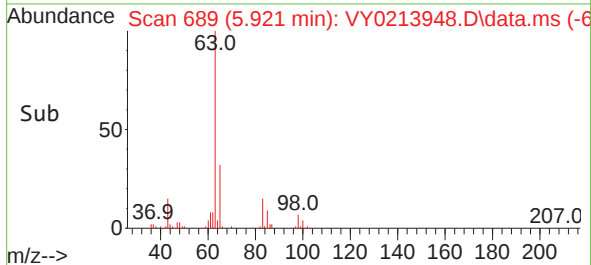
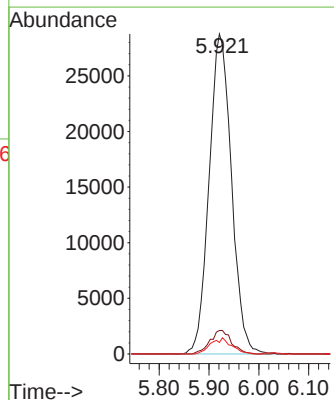
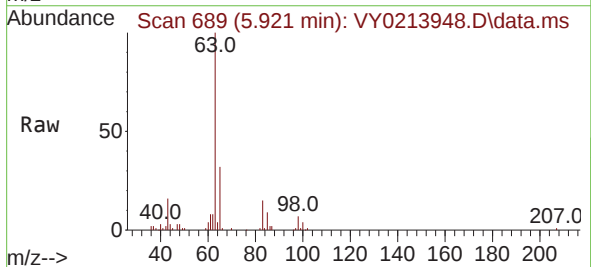
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

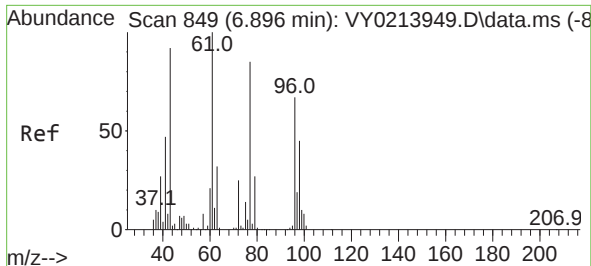
Tgt Ion: 43 Resp: 439671
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 18.090 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion: 63 Resp: 89625
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 85.523 ug/l

RT: 6.902 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

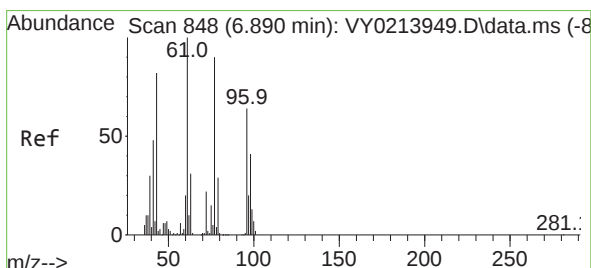
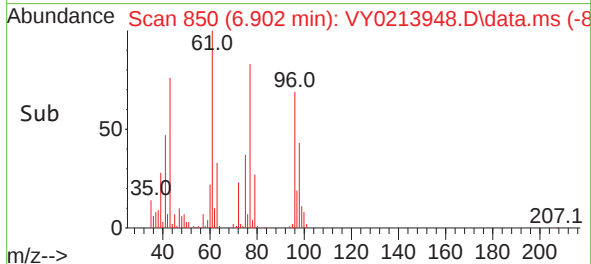
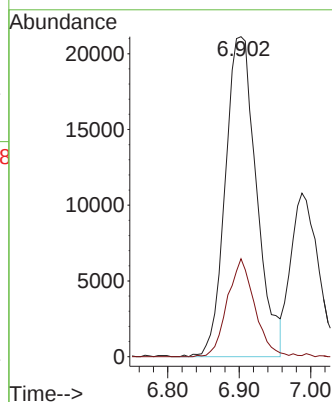
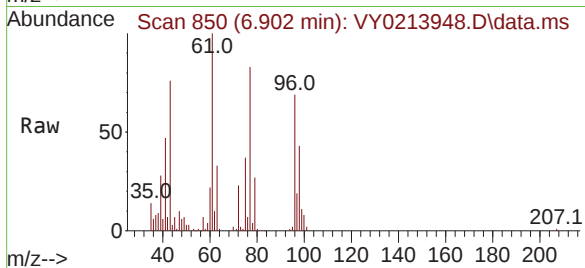
VSTDICC020

Tgt Ion: 43 Resp: 63994

Ion Ratio Lower Upper

43 100

72 30.6 21.4 32.0



#26

2,2-Dichloropropane

Concen: 17.702 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY0213948.D

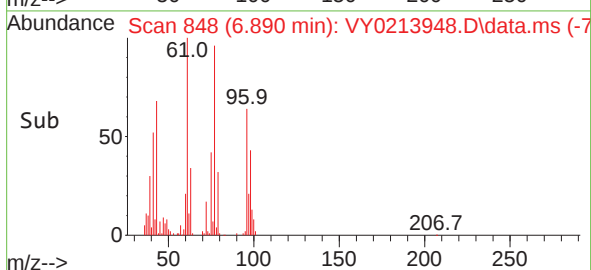
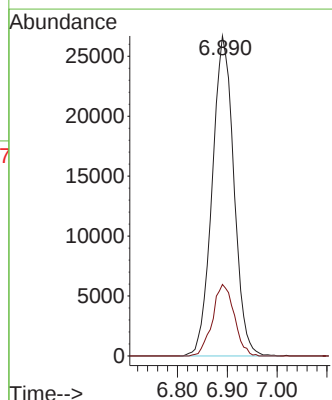
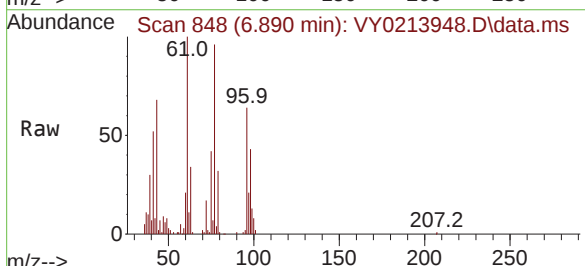
Acq: 04 Mar 2025 10:09

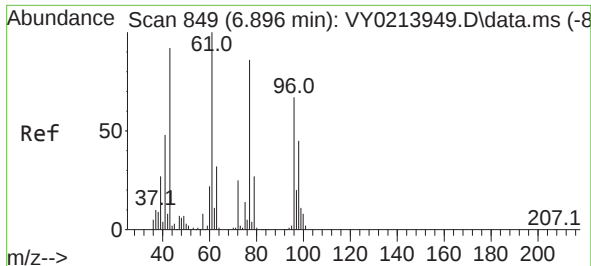
Tgt Ion: 77 Resp: 80697

Ion Ratio Lower Upper

77 100

97 22.4 11.3 33.8

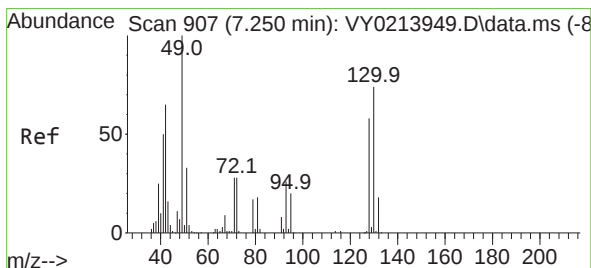
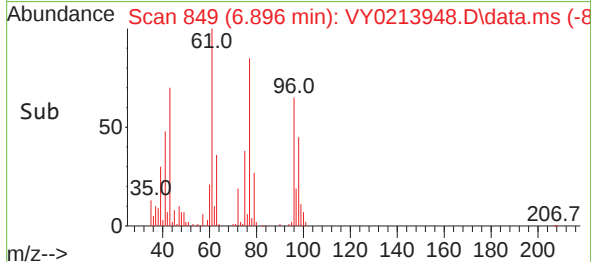
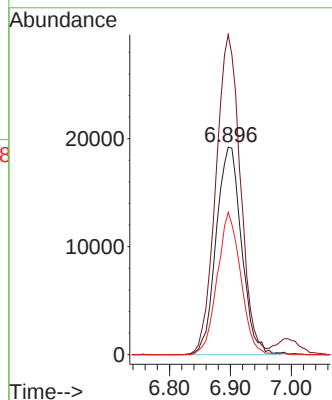
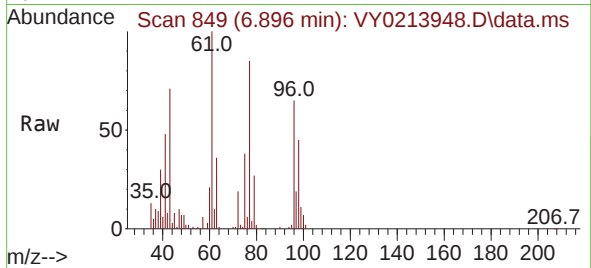




#27
 cis-1,2-Dichloroethene
 Concen: 18.130 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

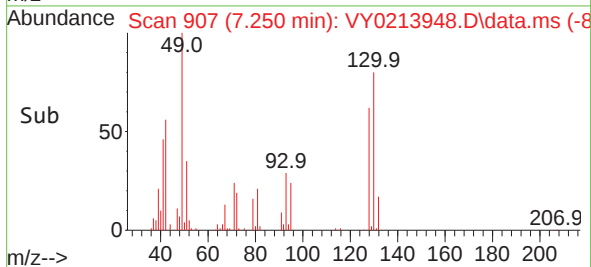
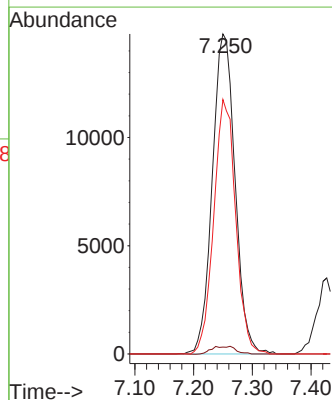
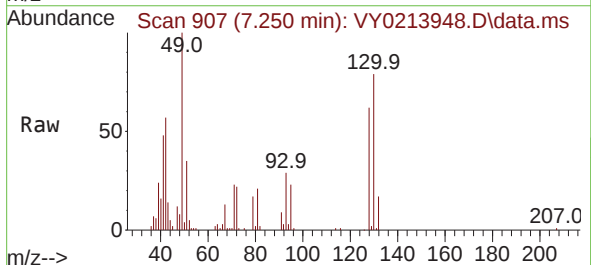
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

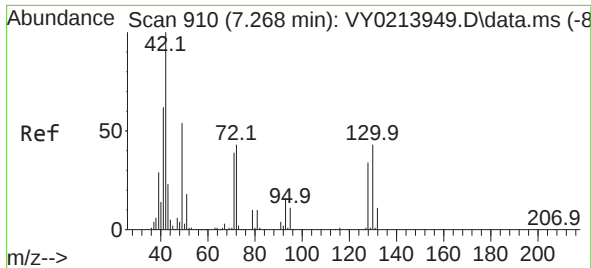
Tgt Ion: 96 Resp: 55597
 Ion Ratio Lower Upper
 96 100
 61 148.8 0.0 300.8
 98 63.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 19.118 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion: 49 Resp: 39711
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.2
 130 76.6 59.6 89.4

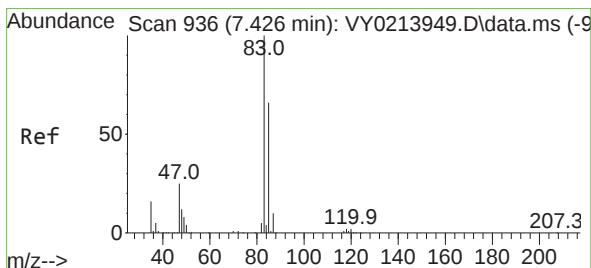
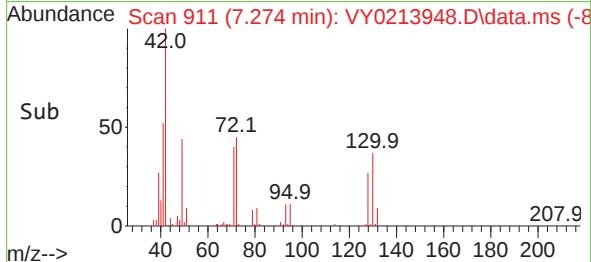
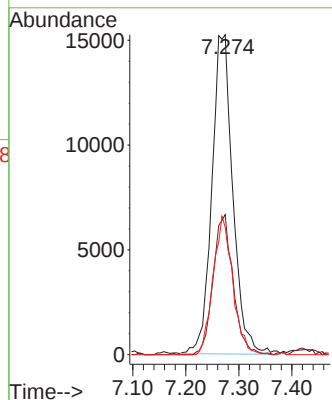
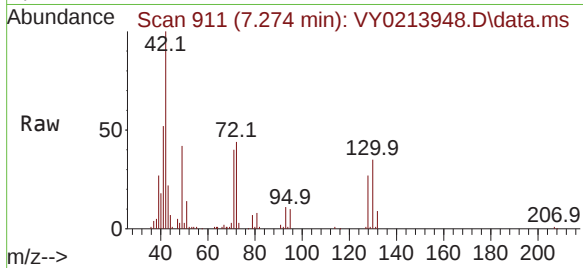




#29
Tetrahydrofuran
Concen: 90.885 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

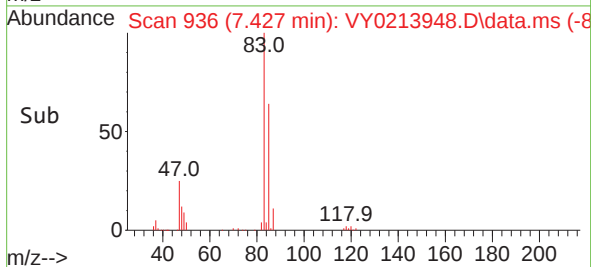
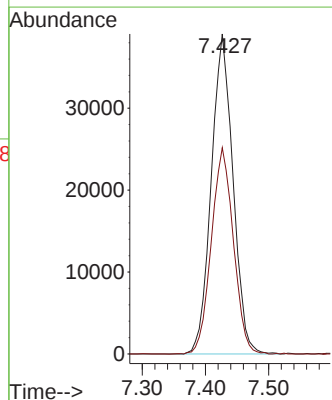
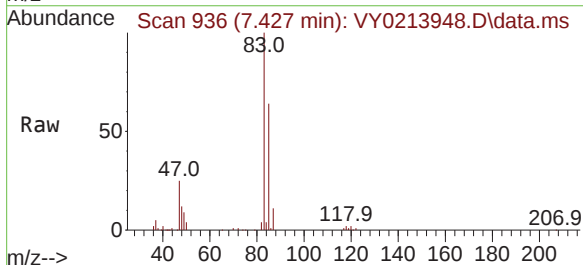
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

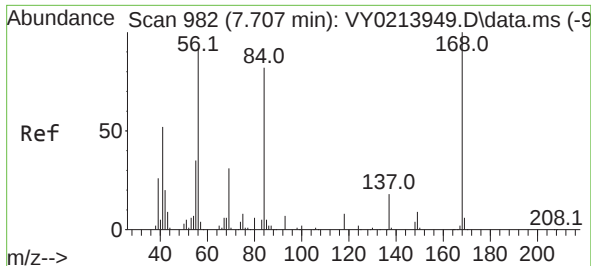
Tgt Ion: 42 Resp: 41984
Ion Ratio Lower Upper
42 100
72 41.7 34.8 52.2
71 40.4 32.6 48.8



#30
Chloroform
Concen: 18.092 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 83 Resp: 93077
Ion Ratio Lower Upper
83 100
85 64.4 53.1 79.7

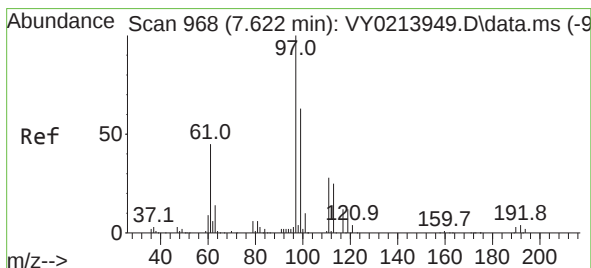
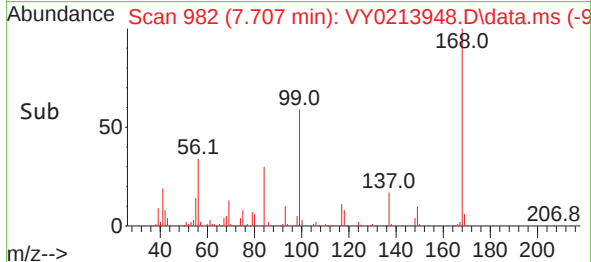
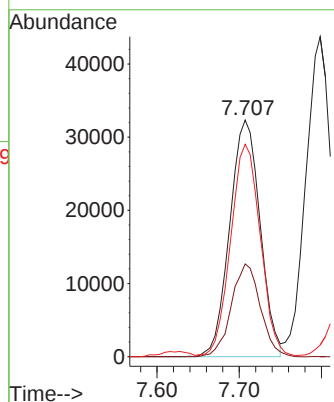
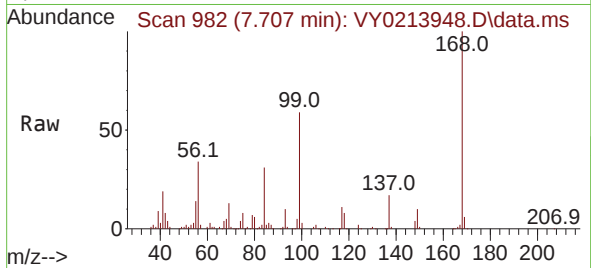




#31
Cyclohexane
Concen: 17.884 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

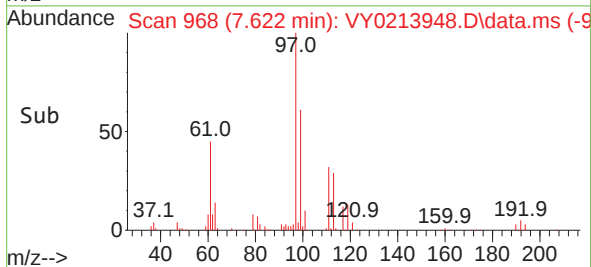
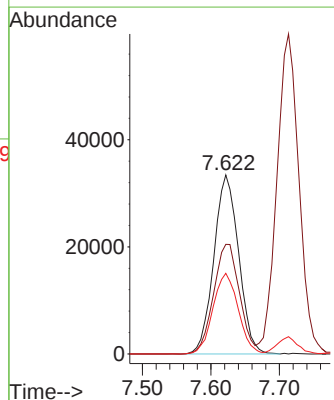
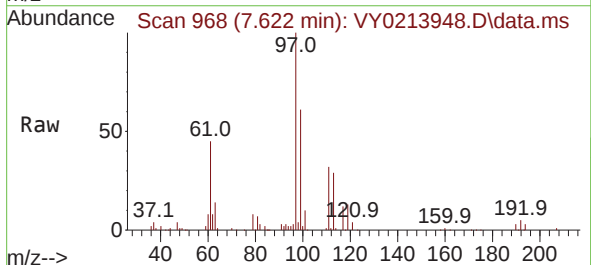
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

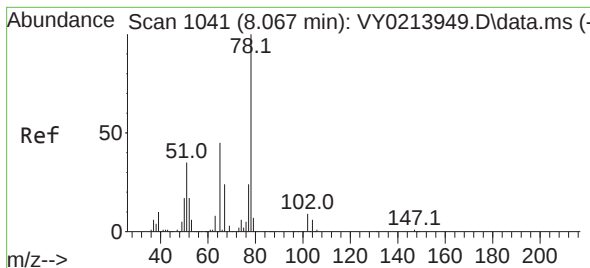
Tgt Ion: 56 Resp: 83067
Ion Ratio Lower Upper
56 100
69 39.2 27.0 40.4
84 87.2 71.1 106.7



#32
1,1,1-Trichloroethane
Concen: 17.807 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 97 Resp: 83884
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 46.0 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 19.468 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

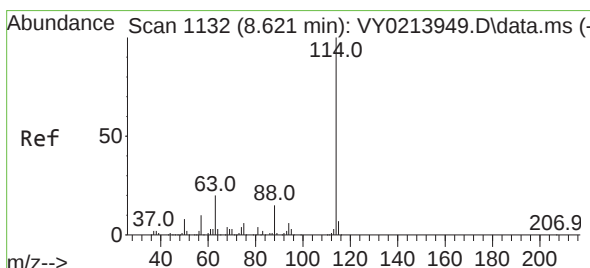
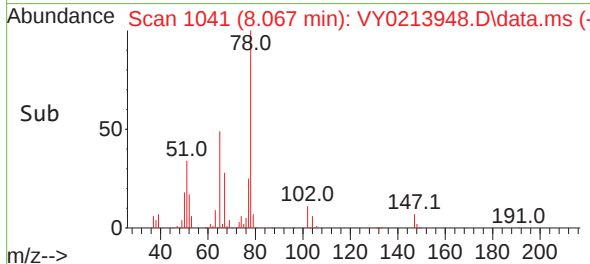
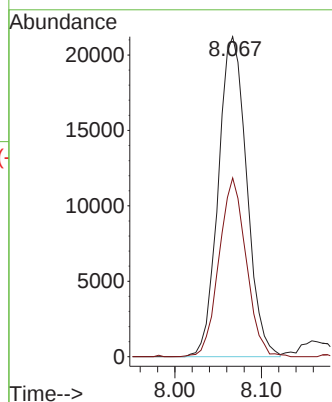
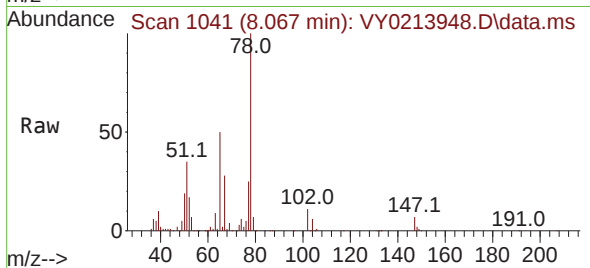
VSTDICC020

Tgt Ion: 65 Resp: 48282

Ion Ratio Lower Upper

65 100

67 53.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

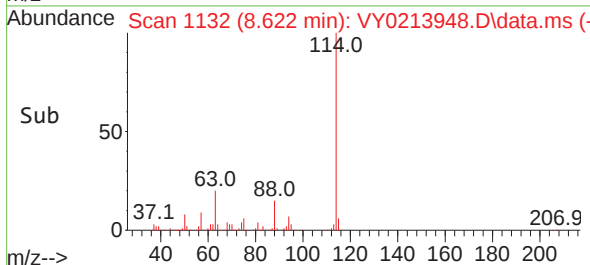
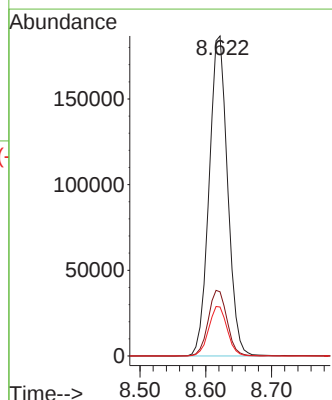
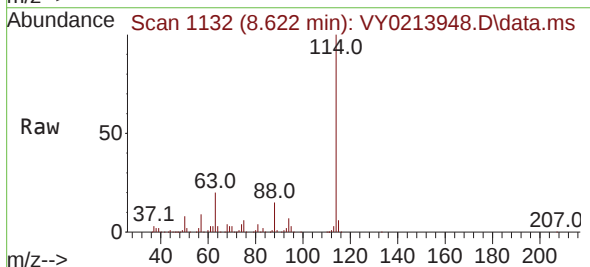
Tgt Ion: 114 Resp: 364702

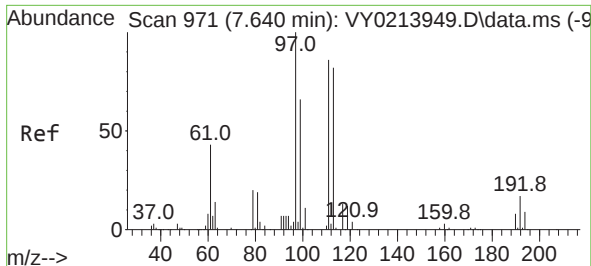
Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

88 15.3 0.0 30.8





#35

Dibromofluoromethane

Concen: 19.149 ug/l

RT: 7.640 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

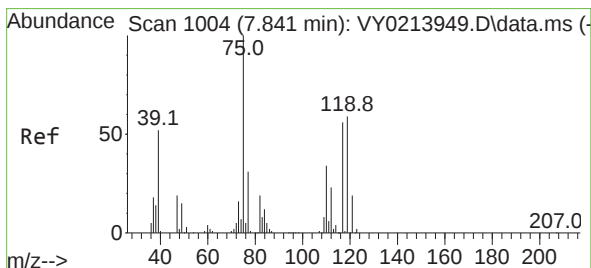
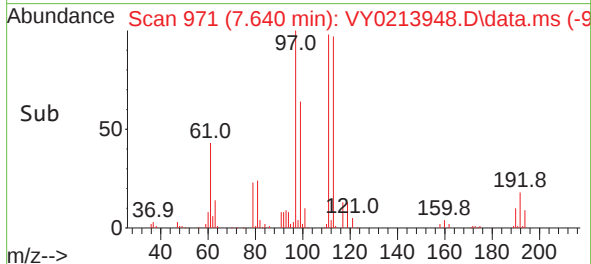
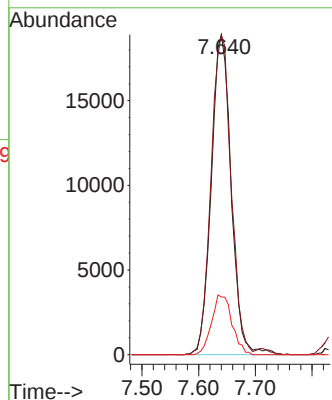
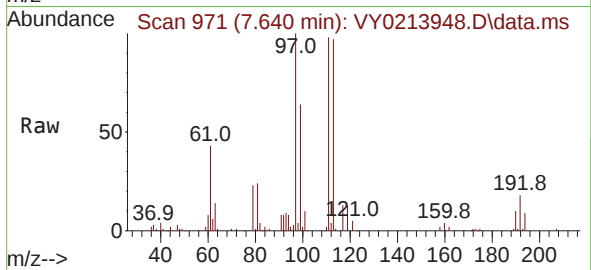
Tgt Ion:113 Resp: 45904

Ion Ratio Lower Upper

113 100

111 101.2 82.0 123.0

192 19.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 17.972 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

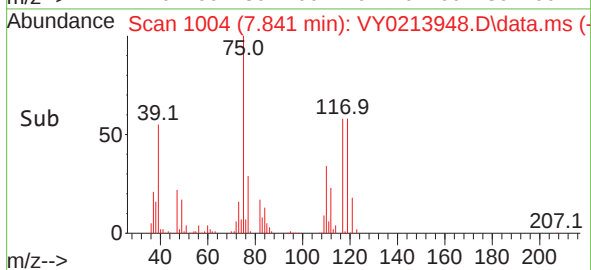
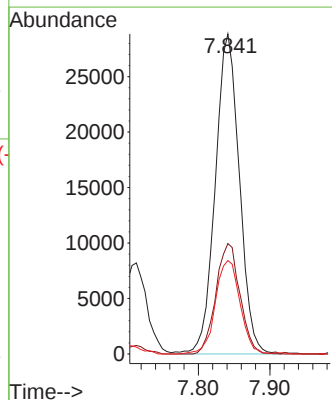
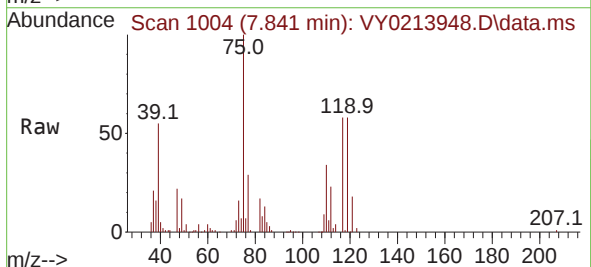
Tgt Ion: 75 Resp: 67437

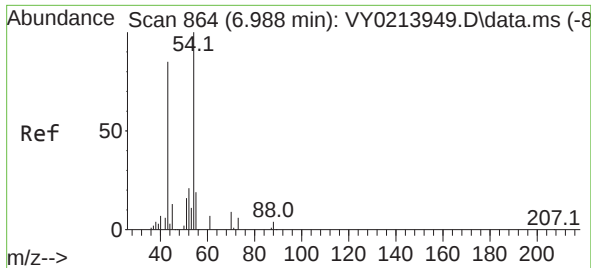
Ion Ratio Lower Upper

75 100

110 34.3 17.3 51.7

77 29.9 25.4 38.2

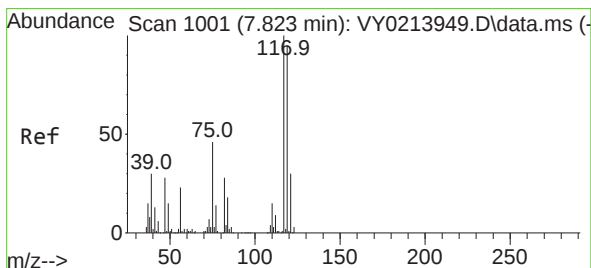
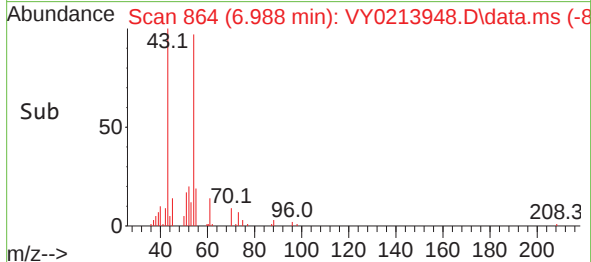
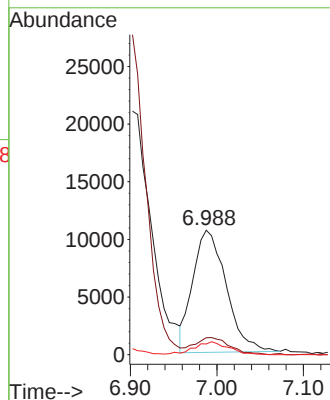
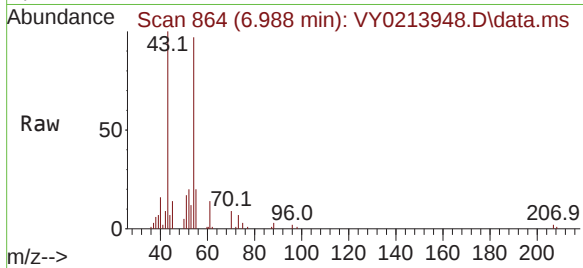




#37
Ethyl Acetate
Concen: 16.803 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

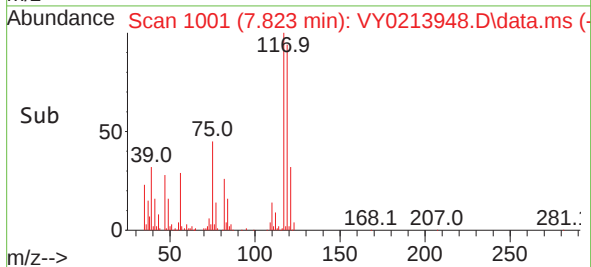
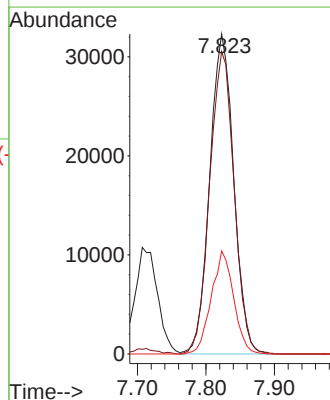
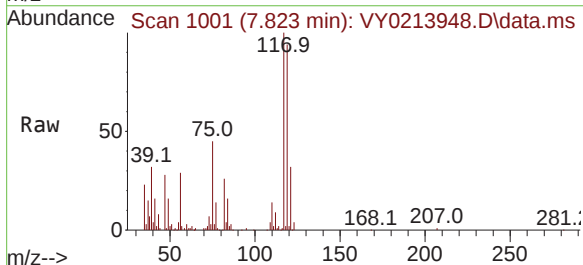
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

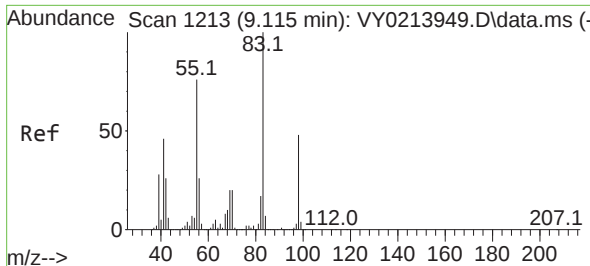
Tgt Ion:	43	Resp:	28443
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.4	17.0
70	10.8	8.2	12.2



#38
Carbon Tetrachloride
Concen: 18.176 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:	117	Resp:	78440
Ion	Ratio	Lower	Upper
117	100		
119	94.5	75.8	113.8
121	32.2	23.9	35.9

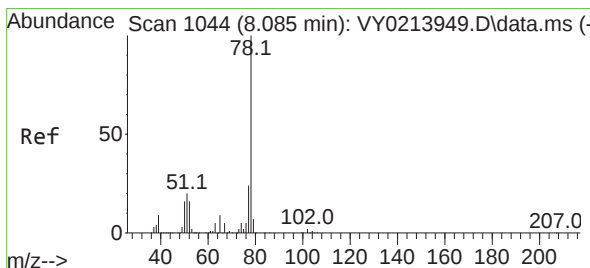
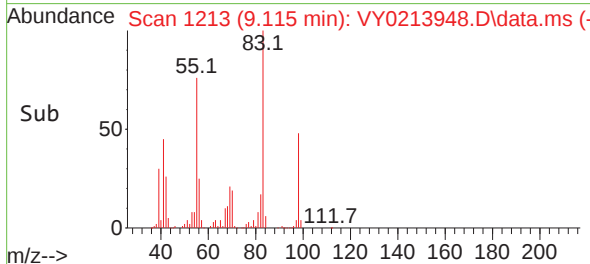
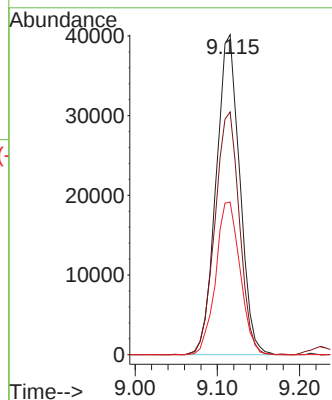
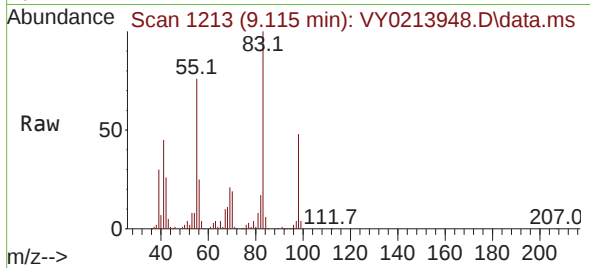




#39
Methylcyclohexane
Concen: 17.422 ug/l
RT: 9.115 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

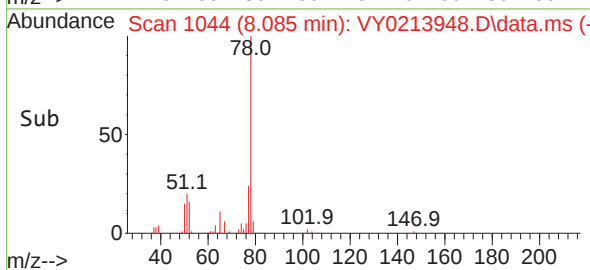
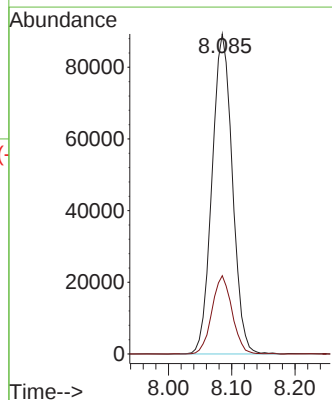
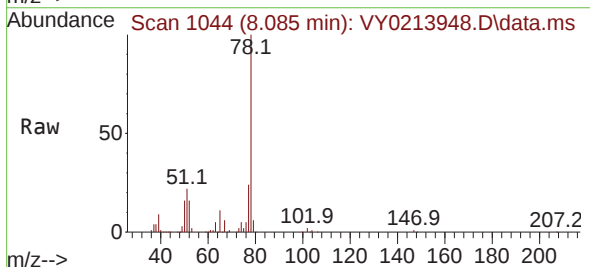
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

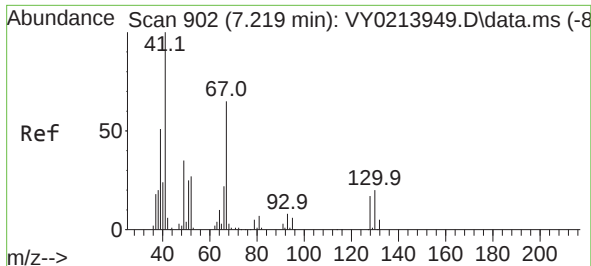
Tgt Ion: 83 Resp: 80192
Ion Ratio Lower Upper
83 100
55 75.9 60.7 91.1
98 47.7 38.6 57.8



#40
Benzene
Concen: 18.027 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 78 Resp: 199273
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.4

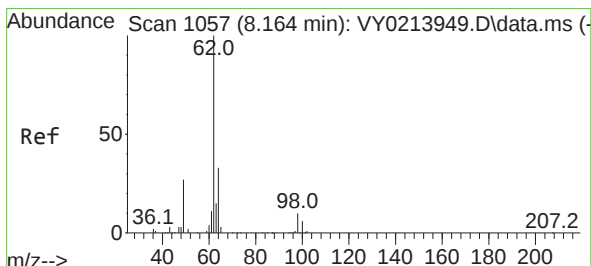
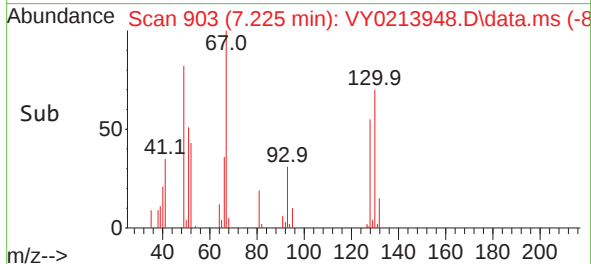
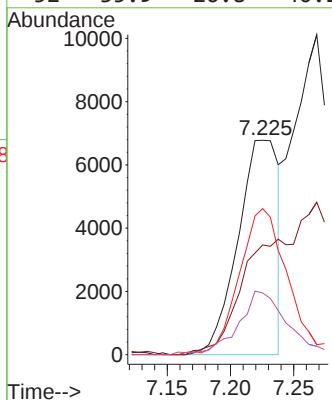
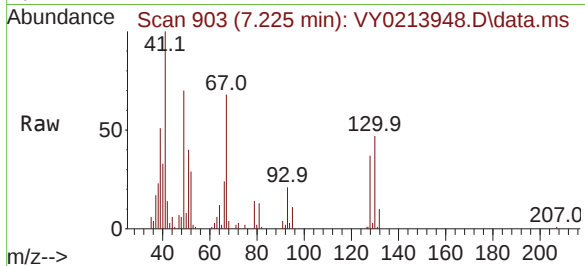




#41
Methacrylonitrile
Concen: 16.416 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

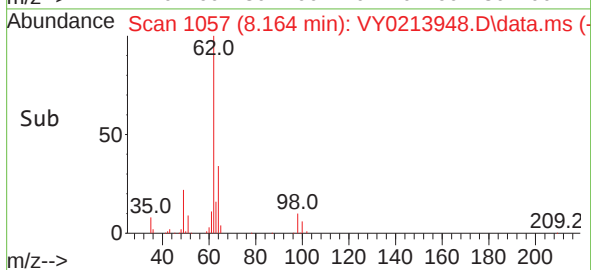
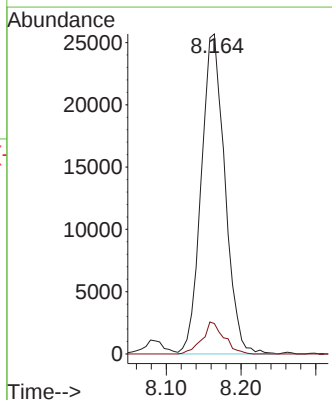
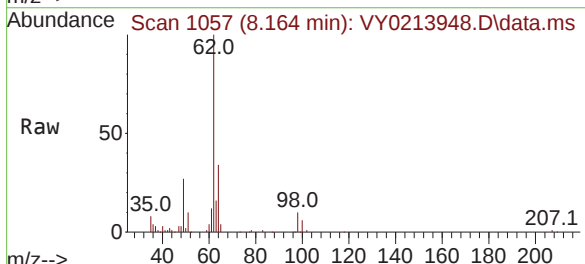
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

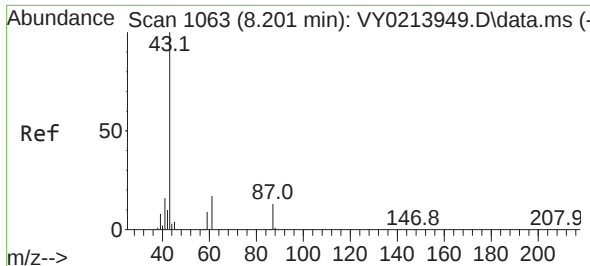
Tgt Ion: 41	Resp: 15135
Ion Ratio	Lower Upper
41	100
39	0.0 35.0 52.6#
67	81.9 61.2 91.8
52	35.9 26.8 40.2



#42
1,2-Dichloroethane
Concen: 18.224 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 62	Resp: 56356
Ion Ratio	Lower Upper
62	100
98	9.2 0.0 18.2

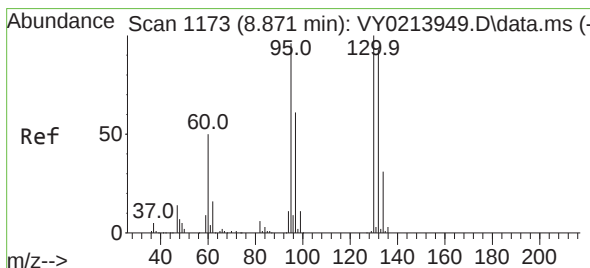
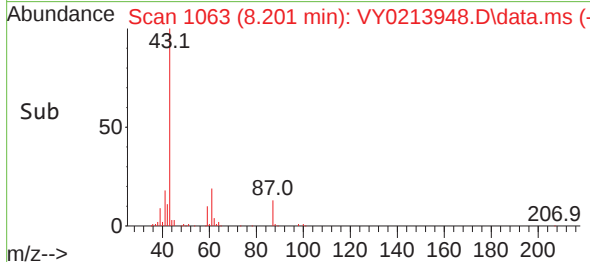
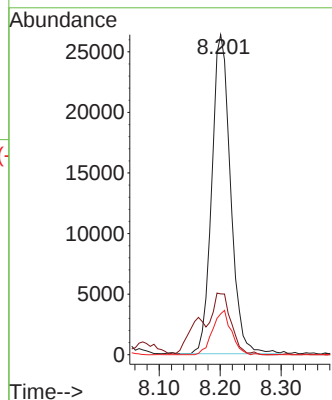
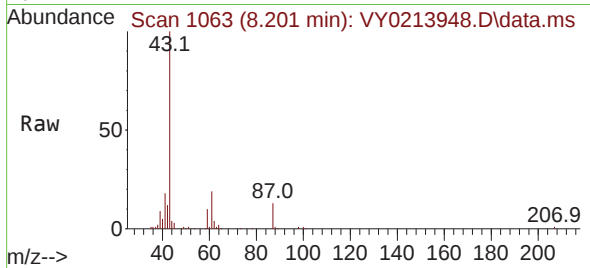




#43
Isopropyl Acetate
Concen: 17.474 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

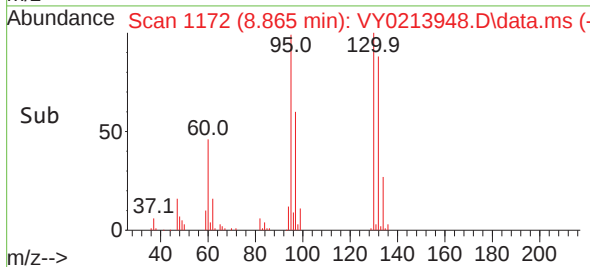
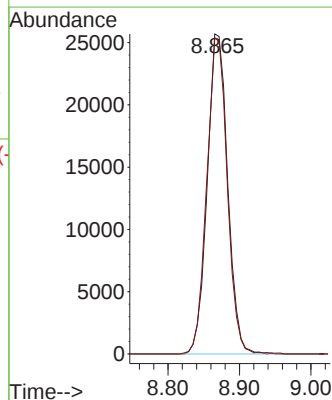
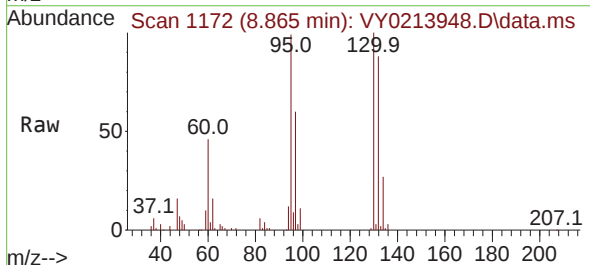
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

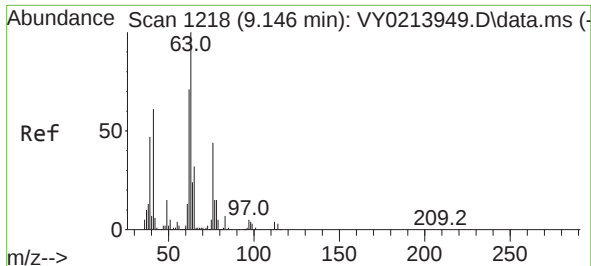
Tgt Ion: 43 Resp: 56260
Ion Ratio Lower Upper
43 100
61 19.8 23.4 35.0#
87 13.8 10.5 15.7



#44
Trichloroethene
Concen: 18.244 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:130 Resp: 50961
Ion Ratio Lower Upper
130 100
95 98.8 0.0 191.6

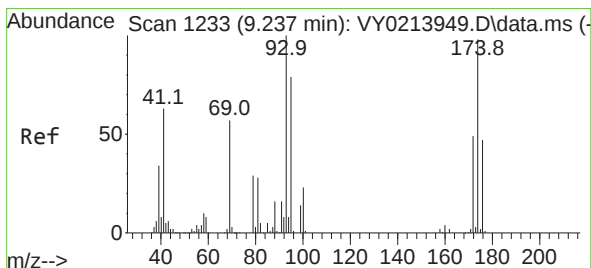
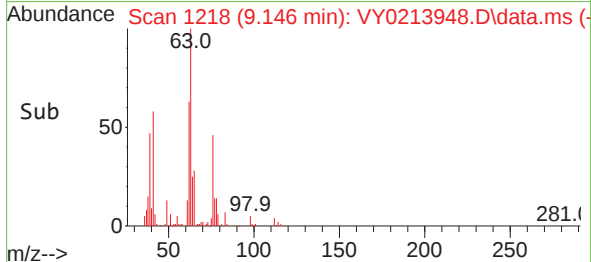
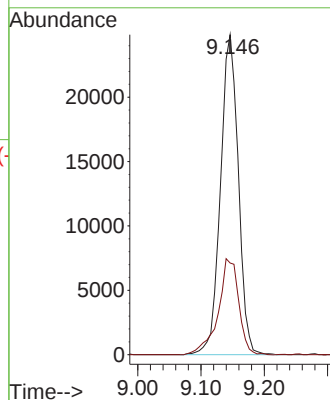
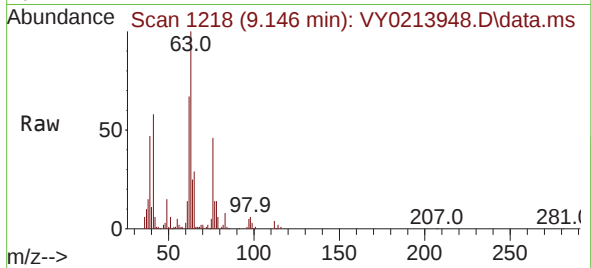




#45
1,2-Dichloropropane
Concen: 18.460 ug/l
RT: 9.146 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

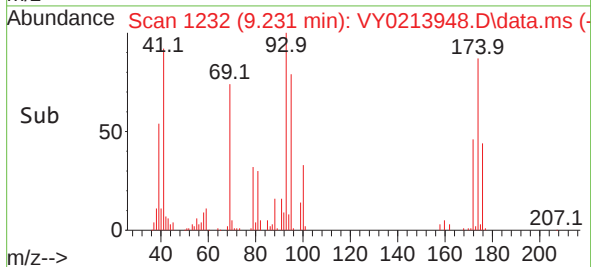
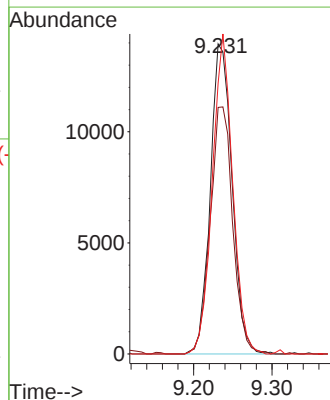
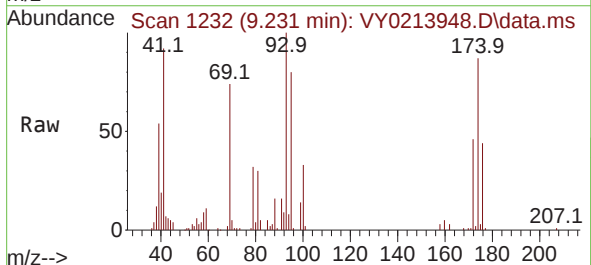
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

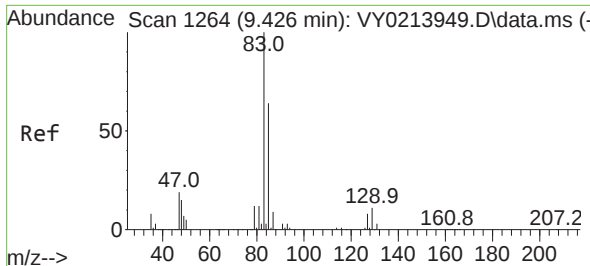
Tgt Ion: 63 Resp: 48565
Ion Ratio Lower Upper
63 100
65 28.6 26.0 39.0



#46
Dibromomethane
Concen: 18.426 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 93 Resp: 26972
Ion Ratio Lower Upper
93 100
95 82.5 65.8 98.8
174 96.4 77.9 116.9

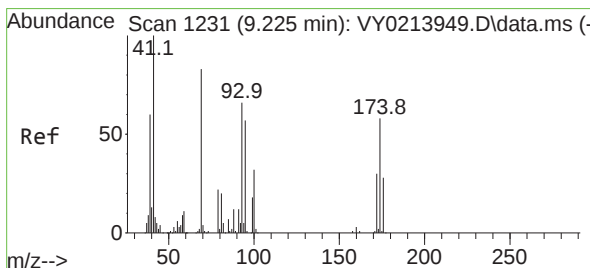
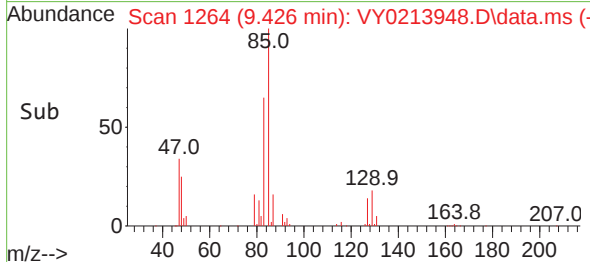
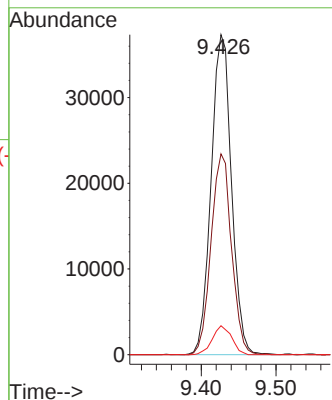
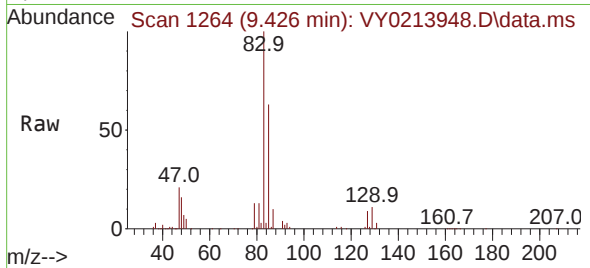




#47
Bromodichloromethane
Concen: 18.205 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

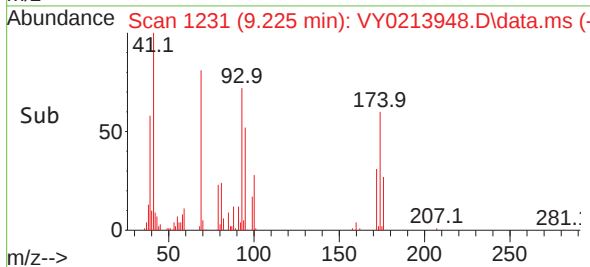
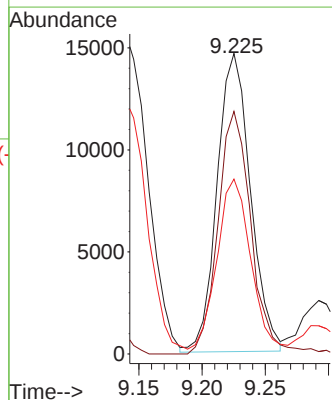
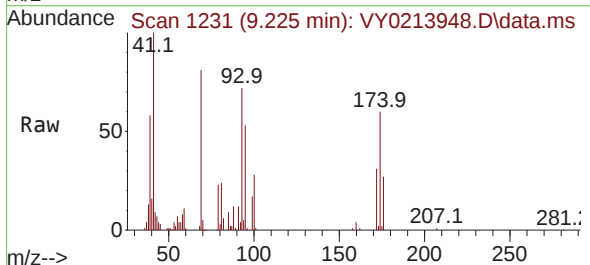
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

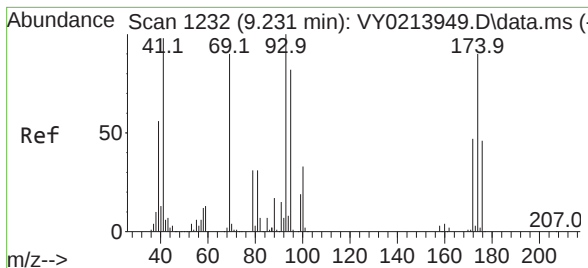
Tgt Ion: 83 Resp: 70770
Ion Ratio Lower Upper
83 100
85 62.8 51.1 76.7
127 9.0 6.7 10.1



#48
Methyl methacrylate
Concen: 17.976 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 41 Resp: 26835
Ion Ratio Lower Upper
41 100
69 80.9 67.8 101.8
39 59.0 46.4 69.6

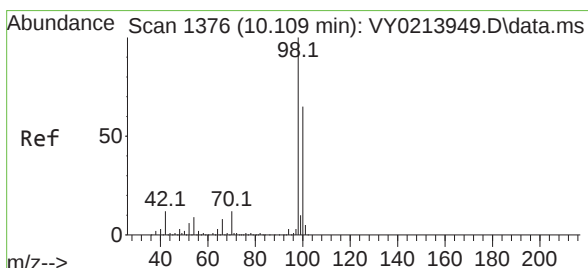
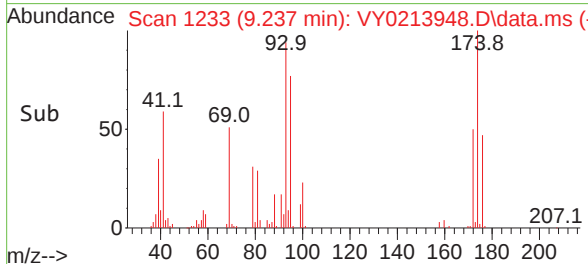
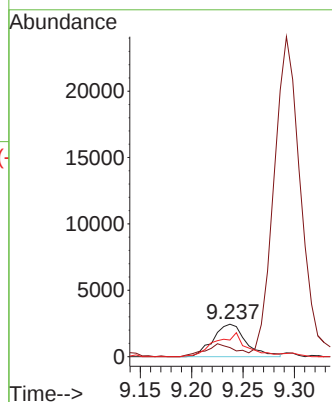
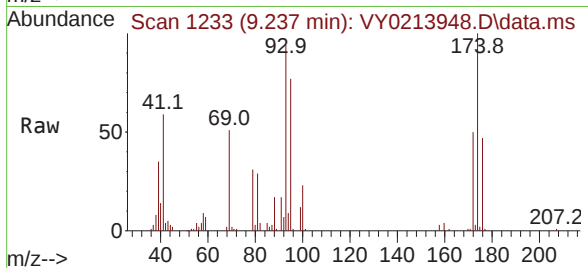




#49
1,4-Dioxane
Concen: 379.181 ug/l
RT: 9.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

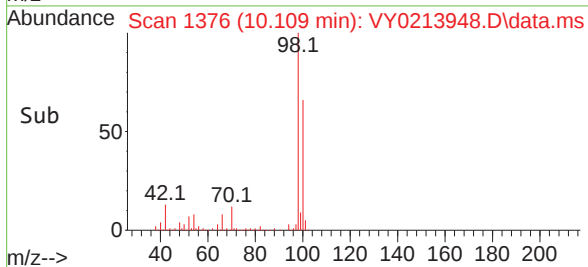
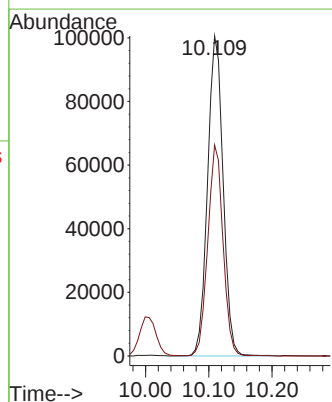
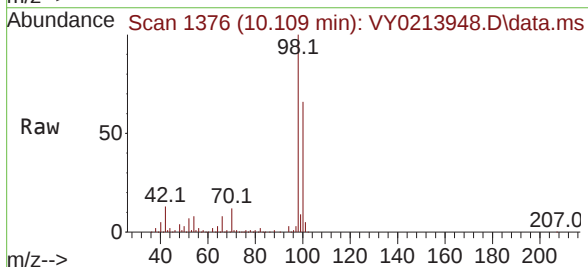
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

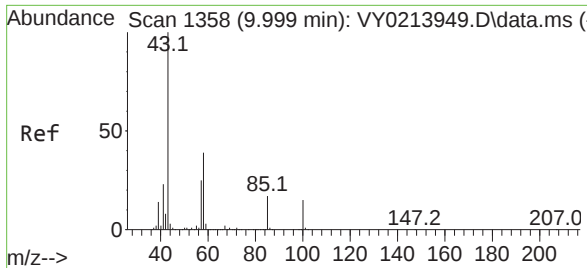
Tgt Ion: 88 Resp: 5448
Ion Ratio Lower Upper
88 100
43 36.7 25.0 37.4
58 69.5 58.4 87.6



#50
Toluene-d8
Concen: 18.951 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 98 Resp: 172011
Ion Ratio Lower Upper
98 100
100 64.8 52.1 78.1

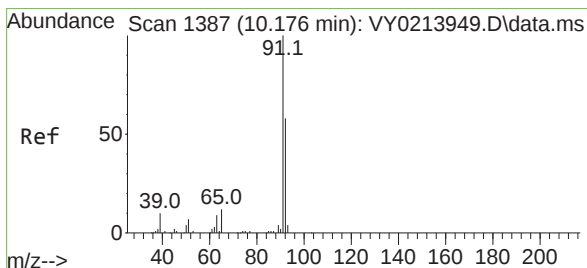
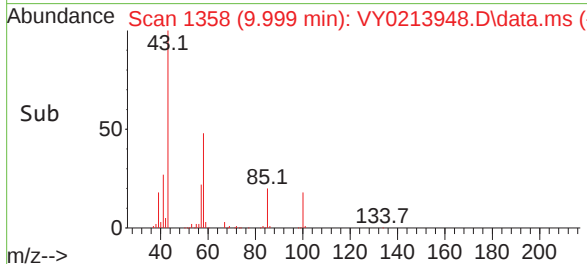
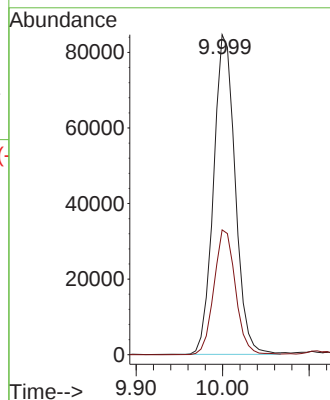
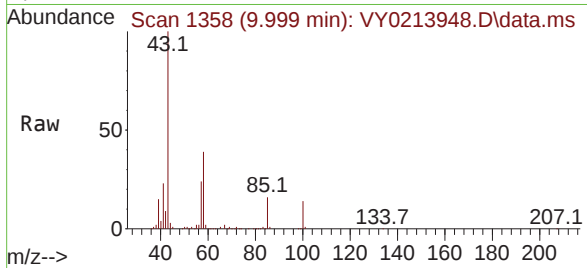




#51
4-Methyl-2-Pentanone
Concen: 88.535 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

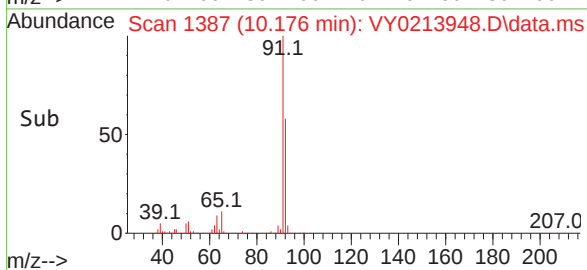
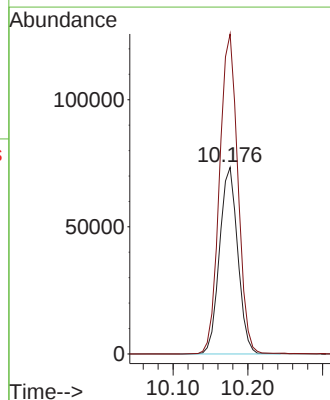
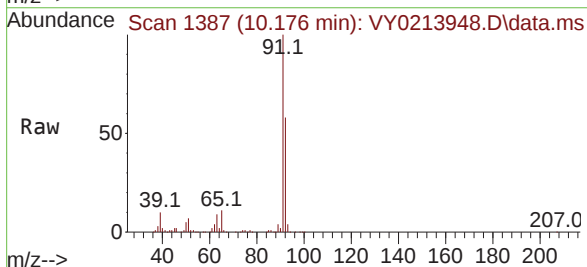
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

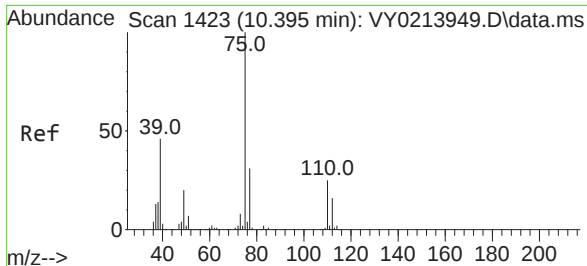
Tgt Ion: 43 Resp: 147076
Ion Ratio Lower Upper
43 100
58 38.8 31.4 47.2



#52
Toluene
Concen: 17.858 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 92 Resp: 124450
Ion Ratio Lower Upper
92 100
91 173.2 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 17.911 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

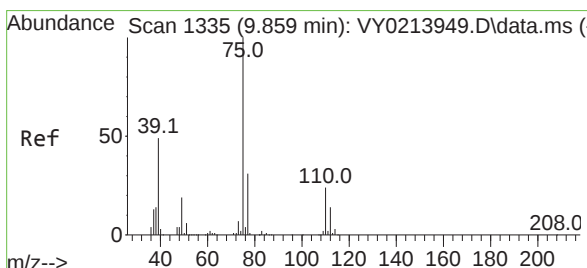
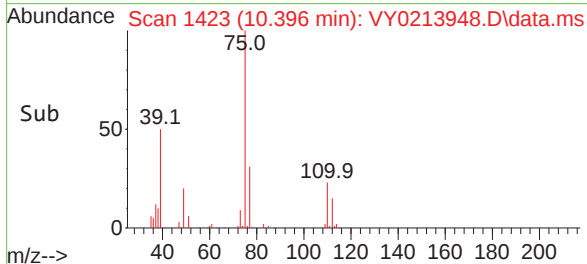
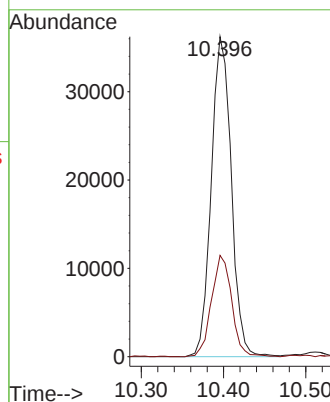
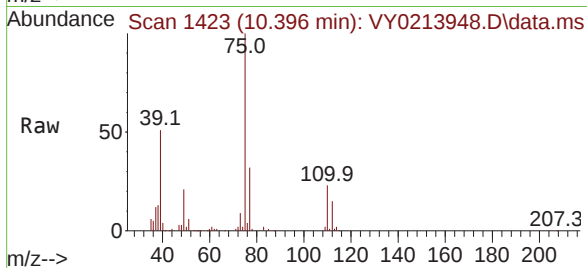
VSTDIC020

Tgt Ion: 75 Resp: 61342

Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 17.873 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

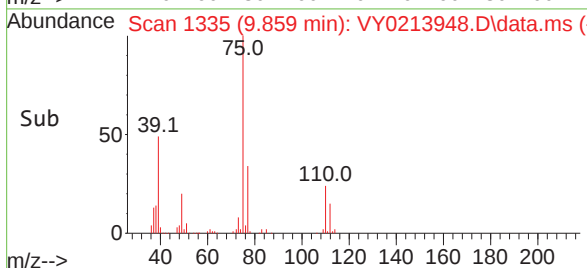
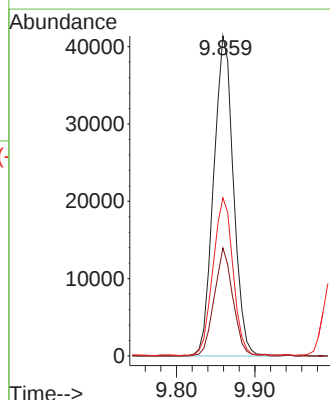
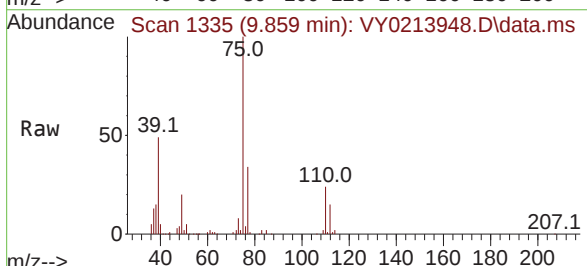
Tgt Ion: 75 Resp: 72678

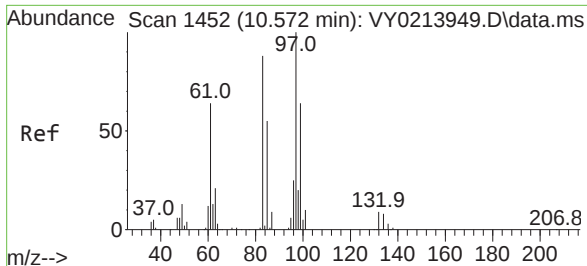
Ion Ratio Lower Upper

75 100

77 33.7 24.6 37.0

39 49.2 39.4 59.2





#55

1,1,2-Trichloroethane

Concen: 18.085 ug/l

RT: 10.572 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

Tgt Ion: 97 Resp: 34630

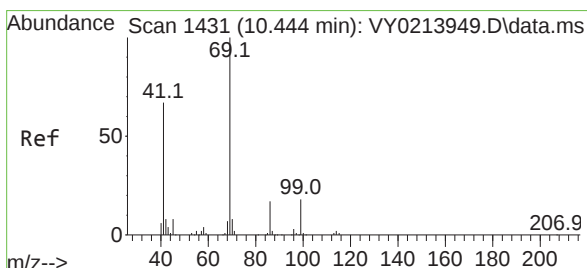
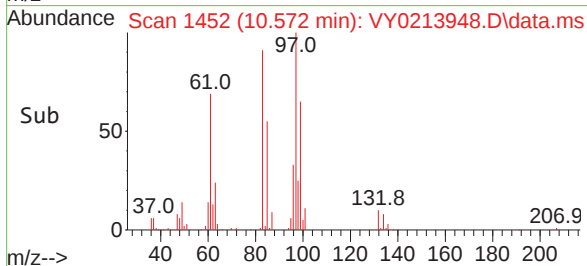
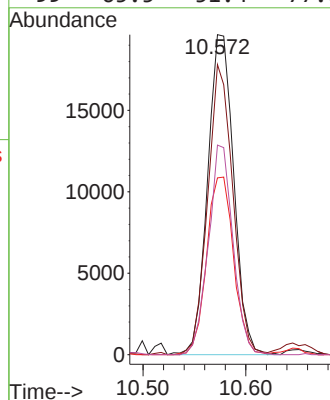
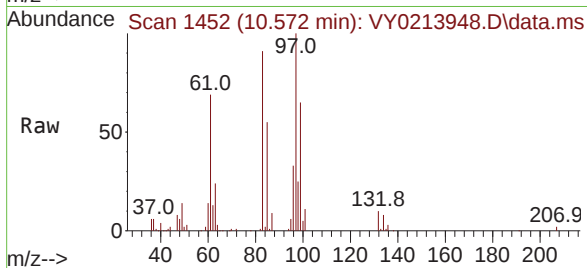
Ion Ratio Lower Upper

97 100

83 90.7 70.0 105.0

85 54.8 44.3 66.5

99 65.5 51.4 77.0



#56

Ethyl methacrylate

Concen: 17.253 ug/l

RT: 10.444 min Scan# 1431

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

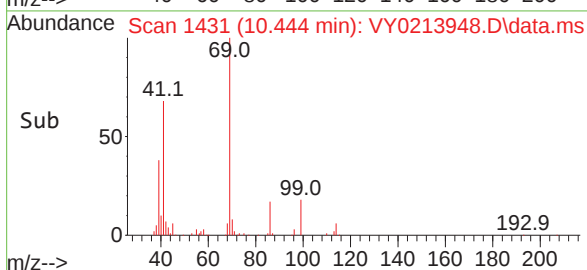
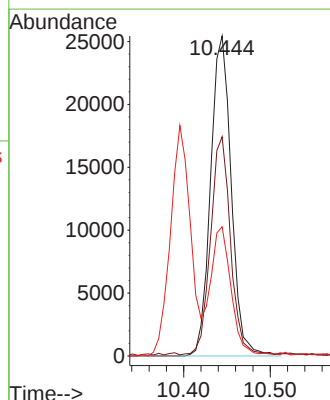
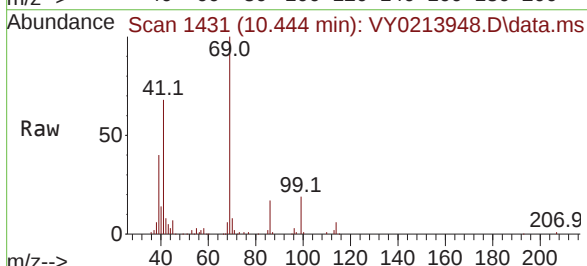
Tgt Ion: 69 Resp: 42134

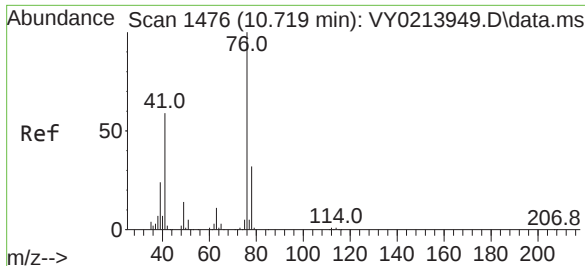
Ion Ratio Lower Upper

69 100

41 65.8 53.3 79.9

39 39.6 31.0 46.6





#57

1,3-Dichloropropane

Concen: 18.514 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

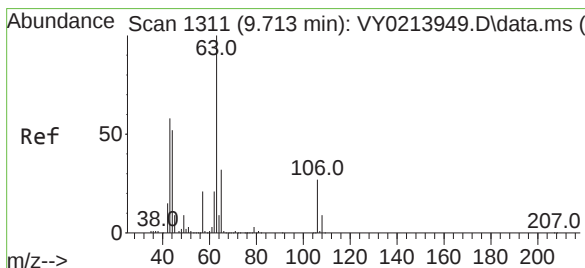
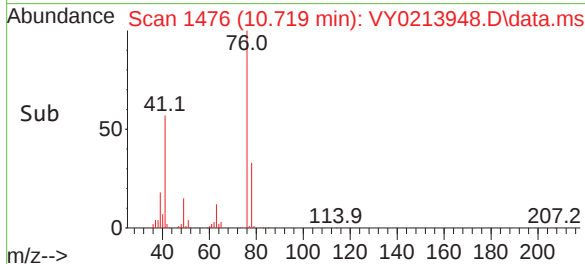
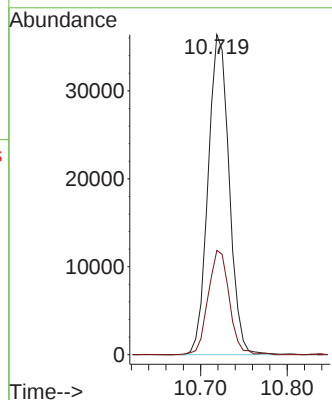
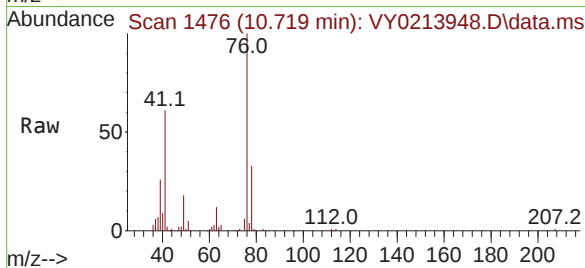
VSTDIC020

Tgt Ion: 76 Resp: 61443

Ion Ratio Lower Upper

76 100

78 32.5 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 89.786 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY0213948.D

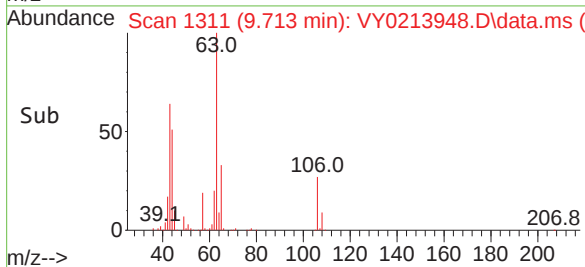
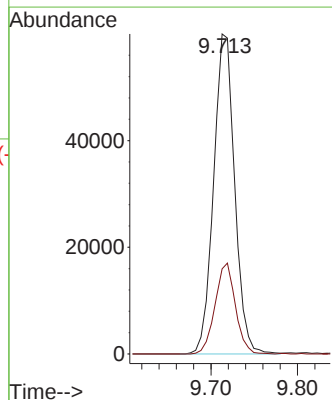
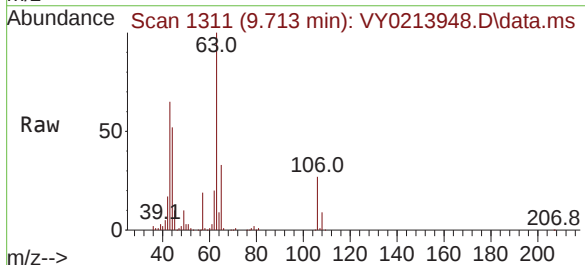
Acq: 04 Mar 2025 10:09

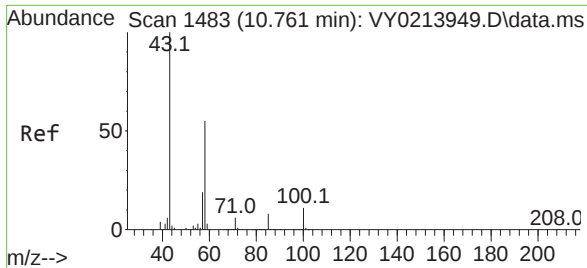
Tgt Ion: 63 Resp: 101217

Ion Ratio Lower Upper

63 100

106 27.4 22.1 33.1

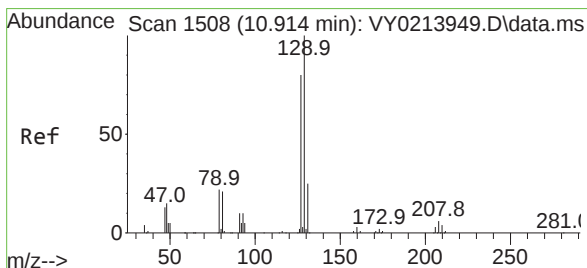
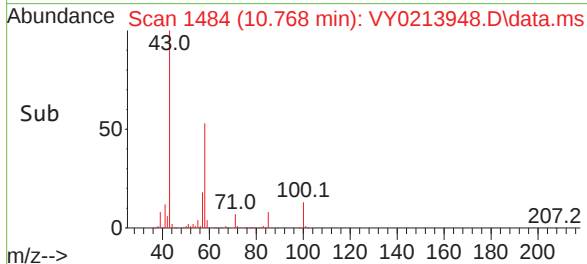
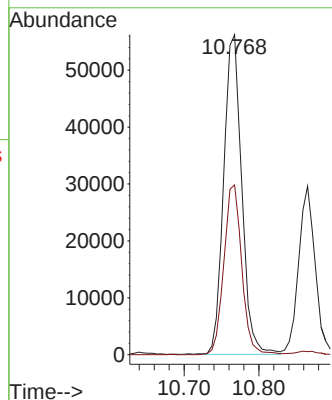
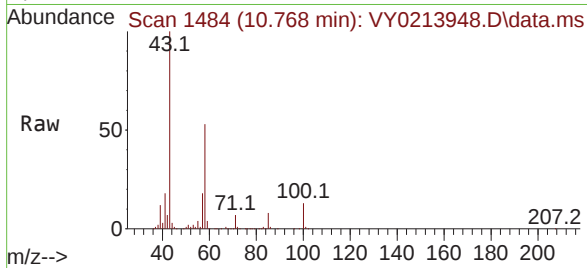




#59
2-Hexanone
Concen: 85.937 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

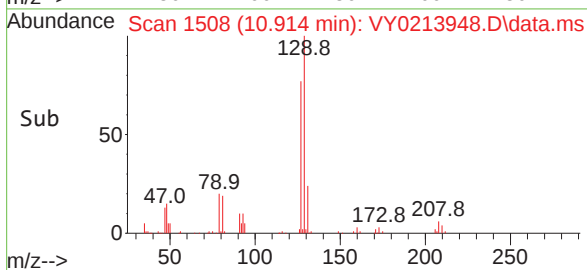
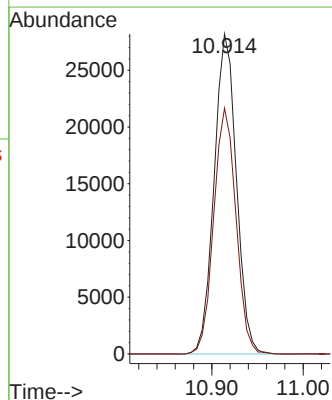
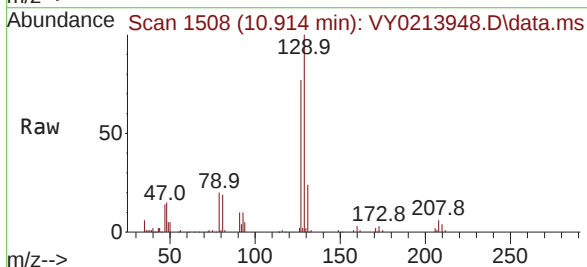
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

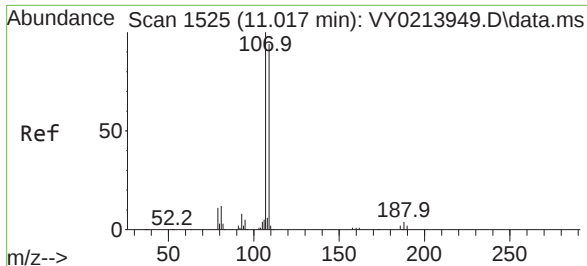
Tgt Ion: 43 Resp: 94397
Ion Ratio Lower Upper
43 100
58 52.8 27.3 81.8



#60
Dibromochloromethane
Concen: 18.176 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 129 Resp: 47714
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.3

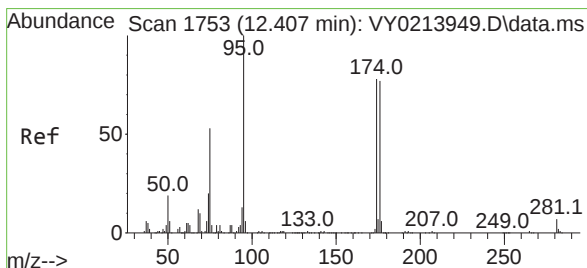
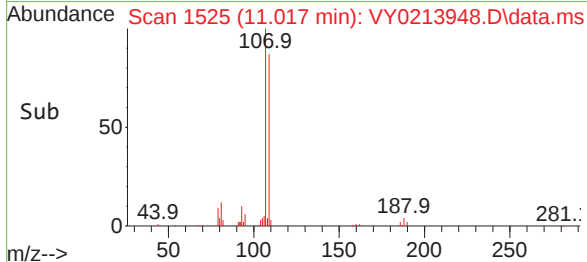
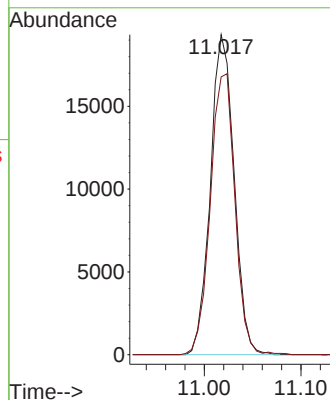
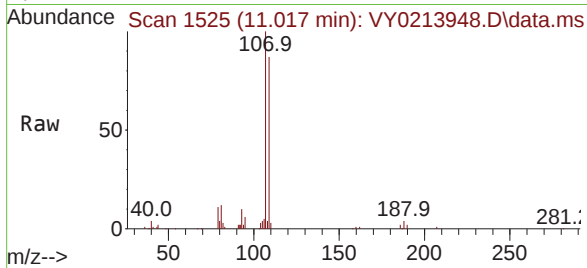




#61
1,2-Dibromoethane
Concen: 18.220 ug/l
RT: 11.017 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

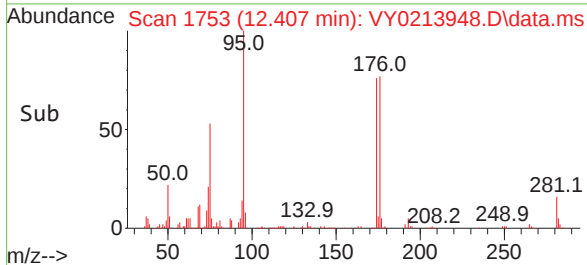
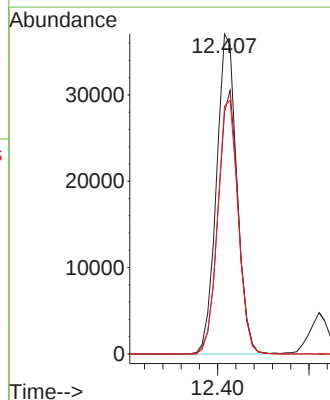
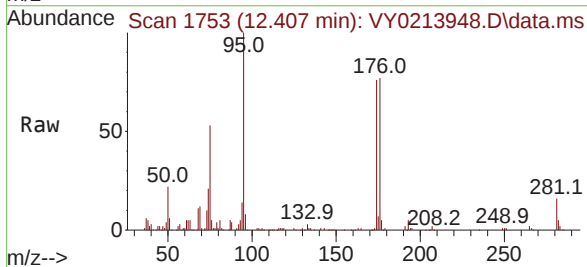
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

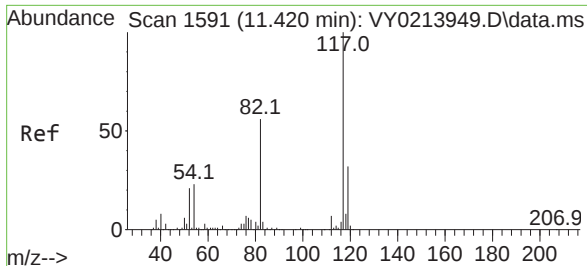
Tgt Ion:107 Resp: 32927
Ion Ratio Lower Upper
107 100
109 91.2 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 18.609 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 95 Resp: 57456
Ion Ratio Lower Upper
95 100
174 81.0 0.0 165.0
176 79.3 0.0 160.0

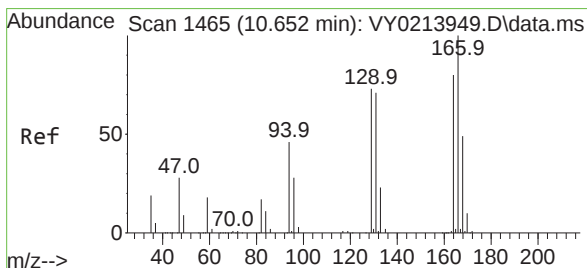
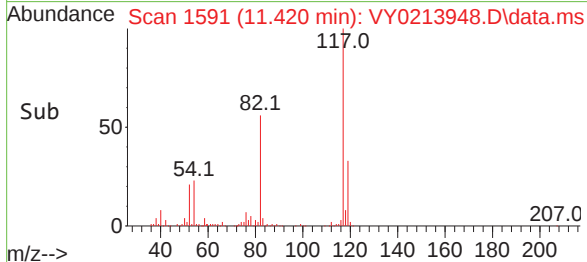
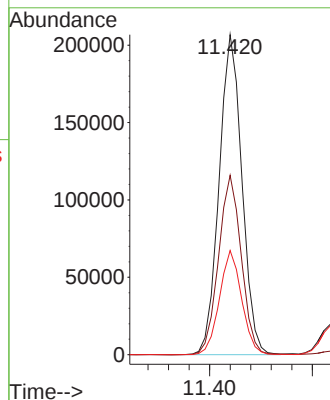
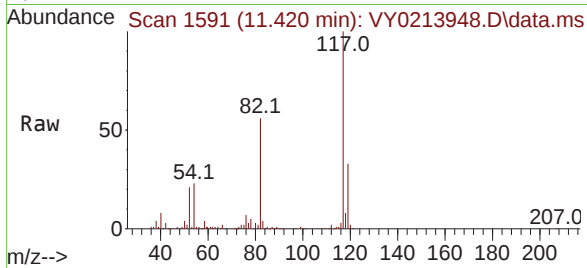




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

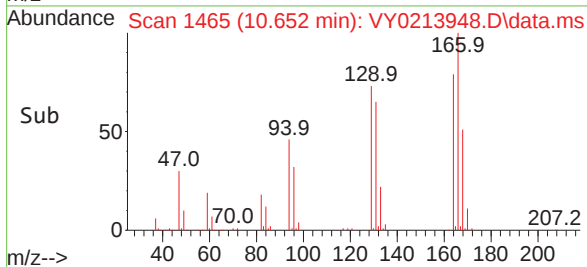
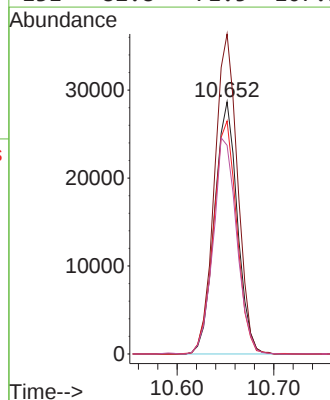
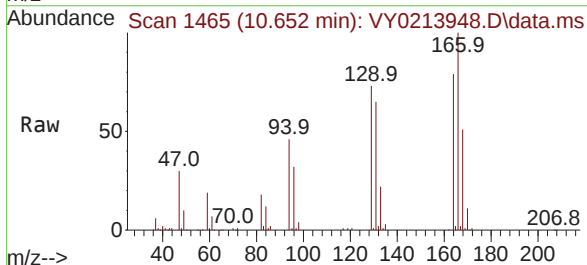
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

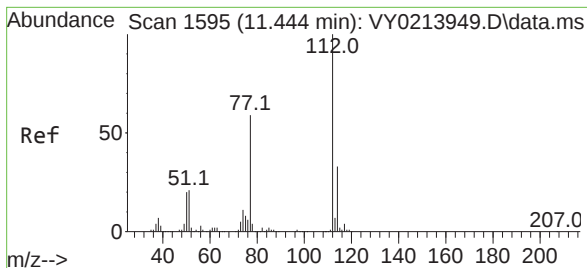
Tgt Ion:117 Resp: 318510
Ion Ratio Lower Upper
117 100
82 56.0 44.6 67.0
119 32.6 25.4 38.0



#64
Tetrachloroethene
Concen: 18.193 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:164 Resp: 47121
Ion Ratio Lower Upper
164 100
166 126.9 100.4 150.6
129 92.4 73.8 110.8
131 82.8 71.5 107.3

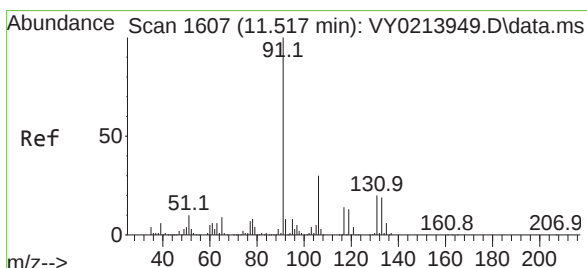
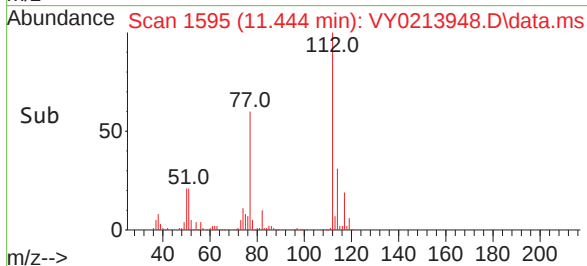
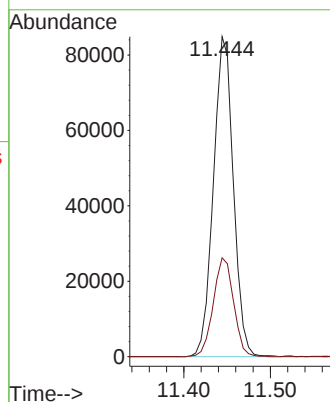
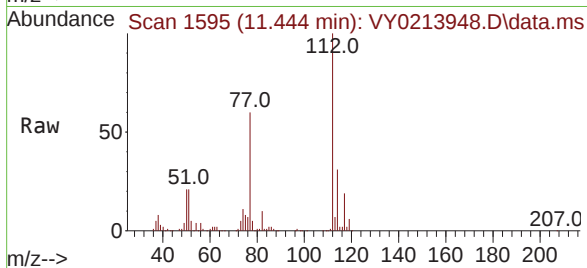




#65
Chlorobenzene
Concen: 18.035 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

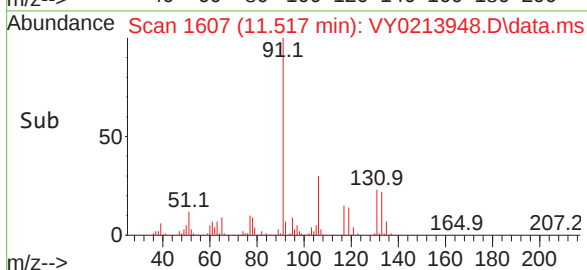
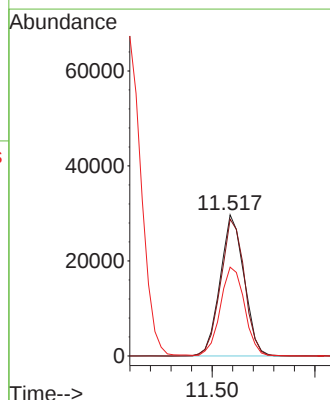
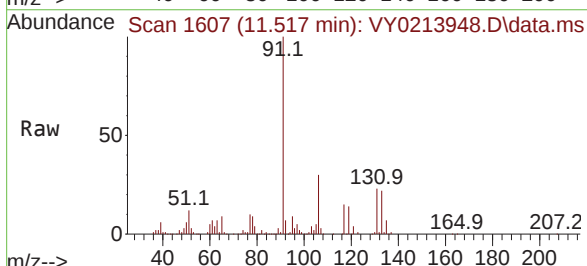
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

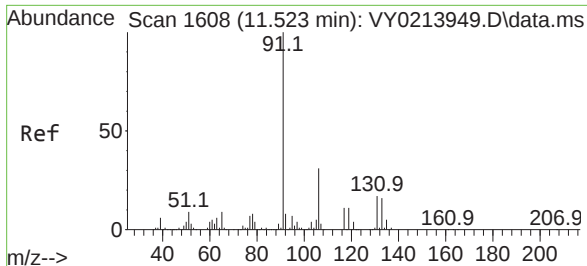
Tgt Ion:112 Resp: 135648
Ion Ratio Lower Upper
112 100
114 30.9 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.050 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:131 Resp: 47998
Ion Ratio Lower Upper
131 100
133 96.5 47.6 142.9
119 64.0 32.3 96.9





#67

Ethyl Benzene

Concen: 17.609 ug/l

RT: 11.523 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

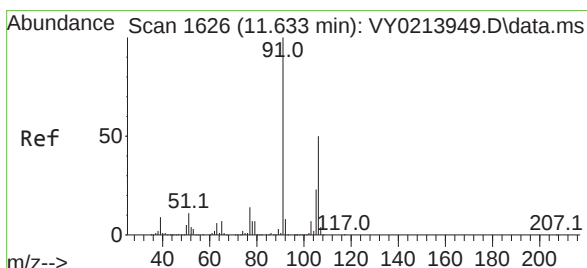
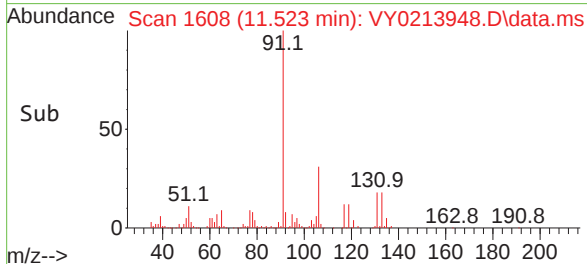
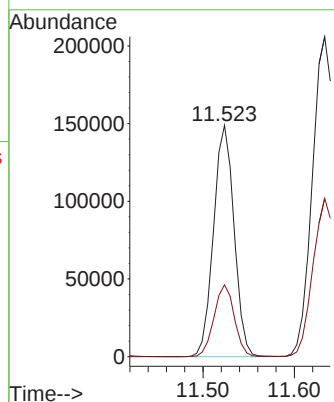
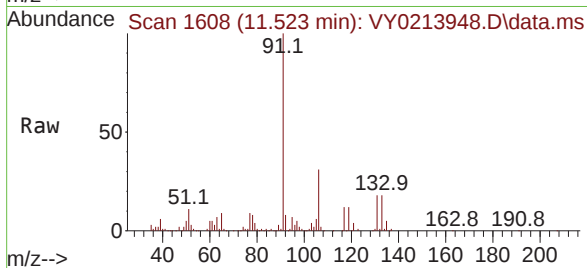
VSTDICC020

Tgt Ion: 91 Resp: 232468

Ion Ratio Lower Upper

91 100

106 31.1 24.6 36.8



#68

m/p-Xylenes

Concen: 35.847 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.000 min

Lab File: VY0213948.D

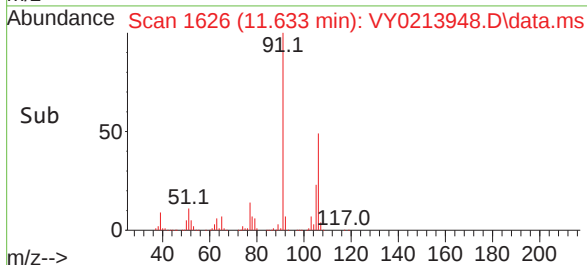
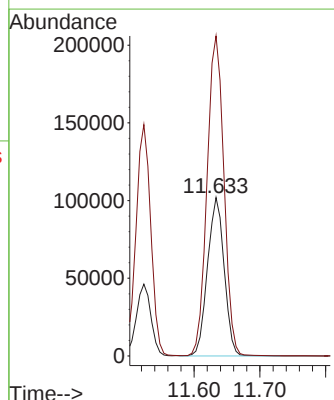
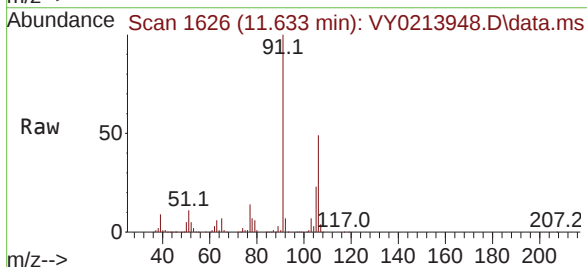
Acq: 04 Mar 2025 10:09

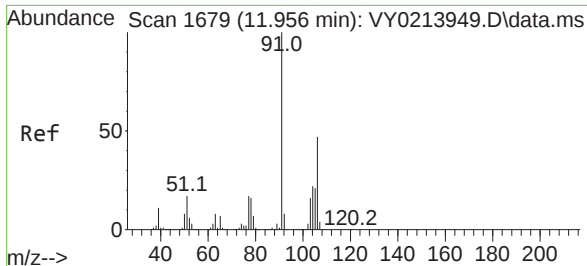
Tgt Ion:106 Resp: 179664

Ion Ratio Lower Upper

106 100

91 203.8 161.7 242.5

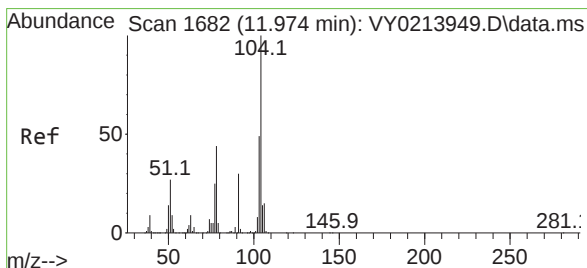
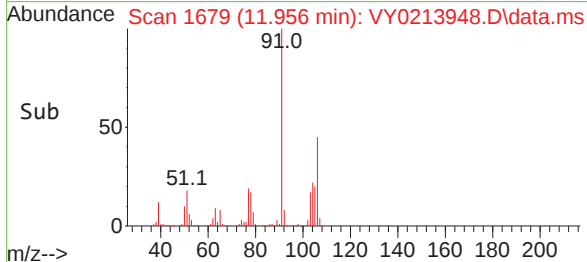
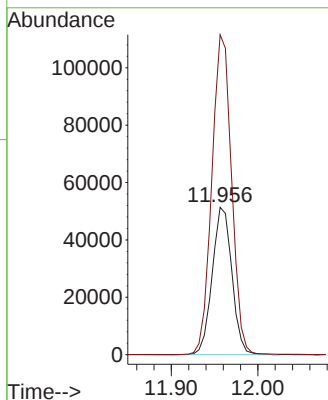
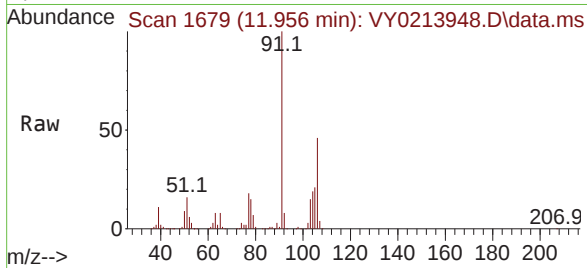




#69
o-Xylene
Concen: 17.516 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

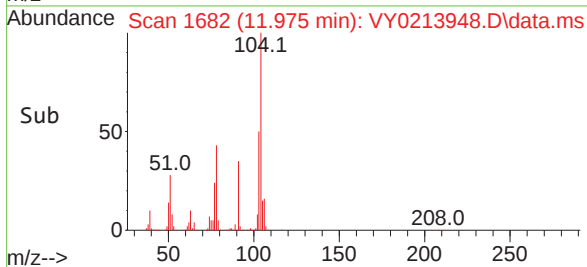
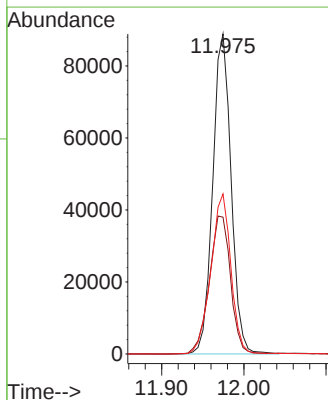
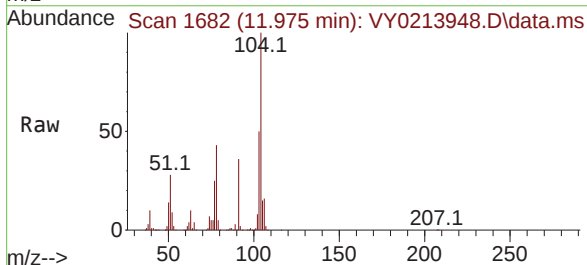
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

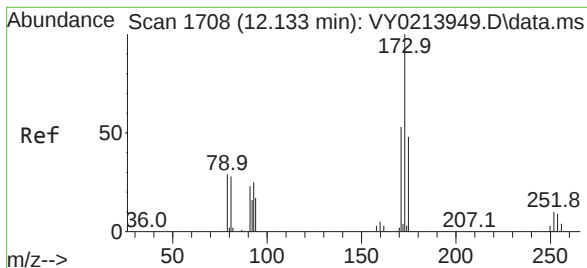
Tgt Ion:106 Resp: 80909
Ion Ratio Lower Upper
106 100
91 218.6 107.6 322.8



#70
Styrene
Concen: 18.027 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:104 Resp: 138147
Ion Ratio Lower Upper
104 100
78 50.0 40.7 61.1
103 54.4 44.1 66.1

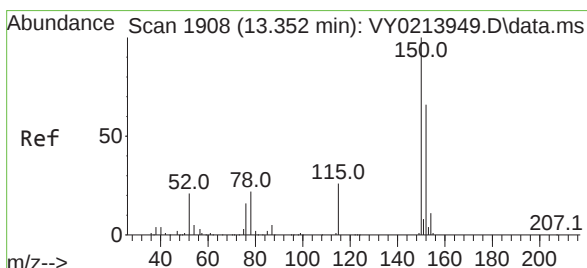
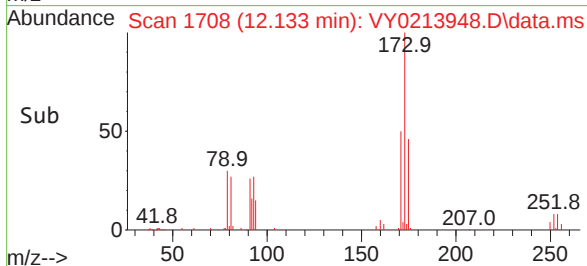
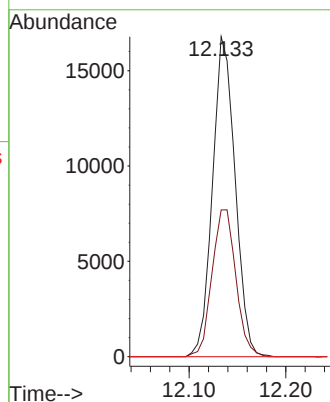
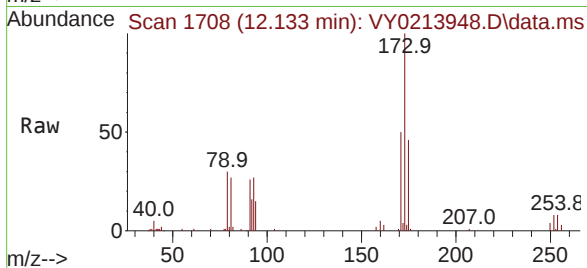




#71
Bromoform
Concen: 18.288 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

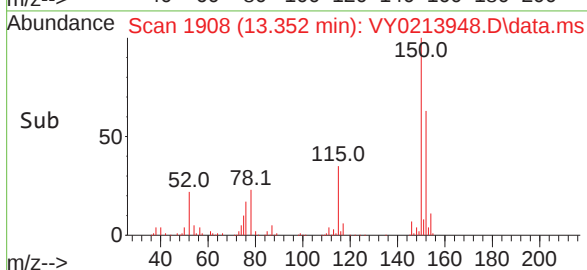
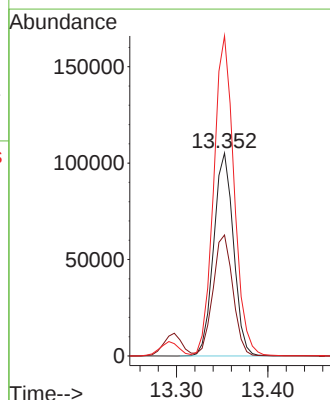
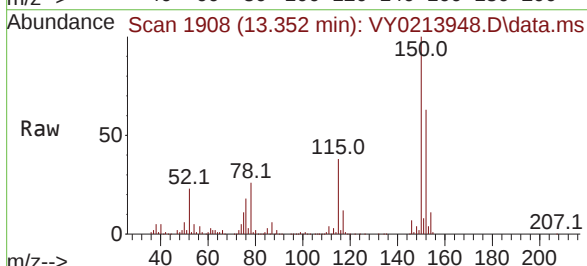
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

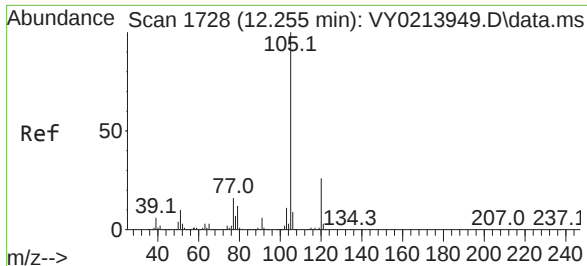
Tgt Ion:173 Resp: 27186
Ion Ratio Lower Upper
173 100
175 48.5 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:152 Resp: 158359
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.0
150 162.4 0.0 347.2

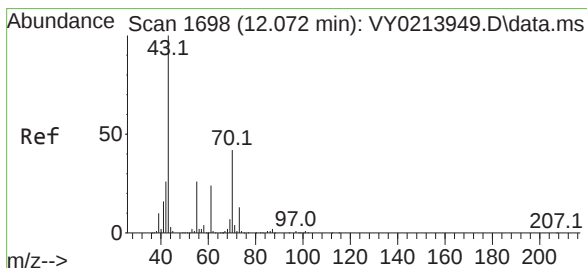
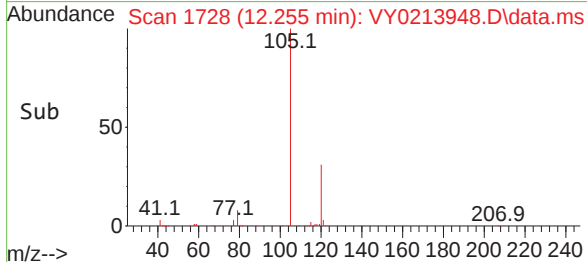
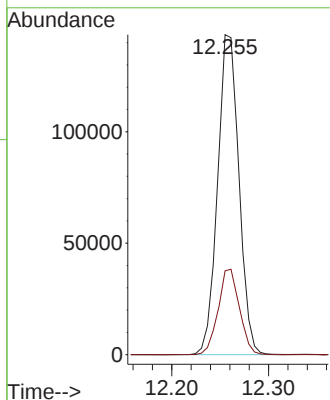
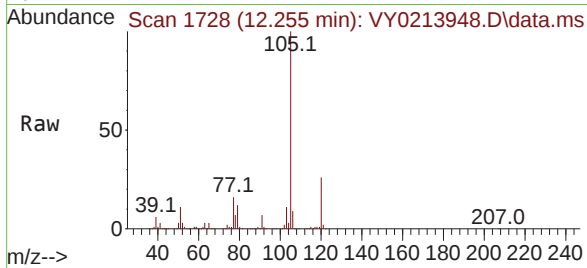




#73
Isopropylbenzene
Concen: 17.612 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

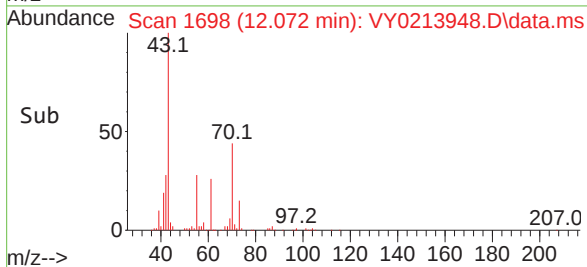
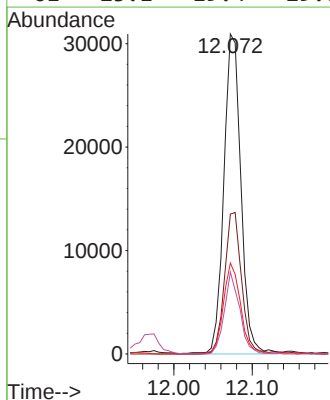
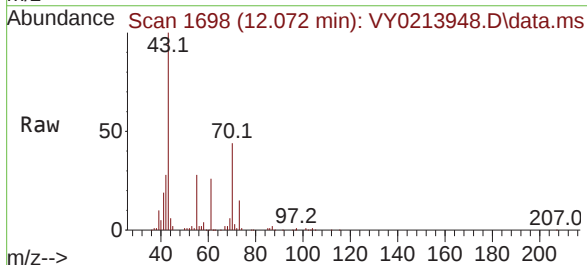
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

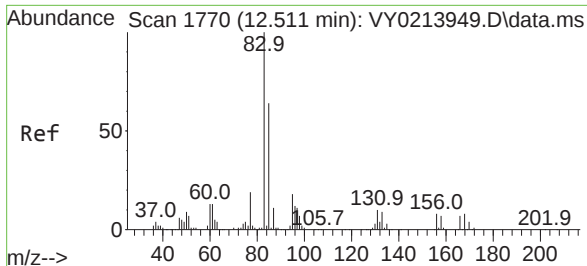
Tgt Ion:105 Resp: 219699
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 17.372 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 43 Resp: 47062
Ion Ratio Lower Upper
43 100
70 44.4 34.6 51.8
55 28.7 21.1 31.7
61 23.1 19.4 29.0

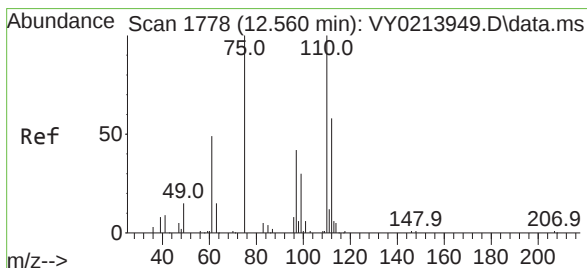
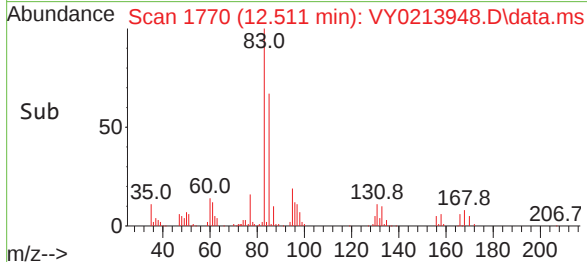
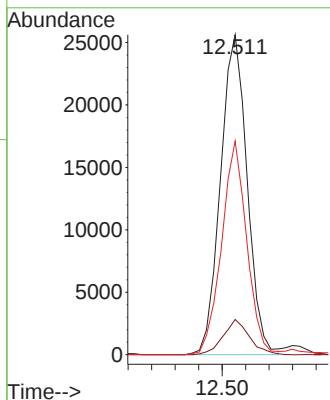
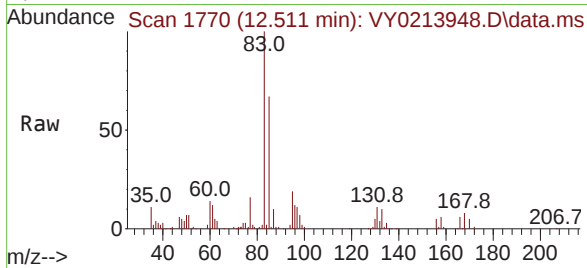




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.341 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

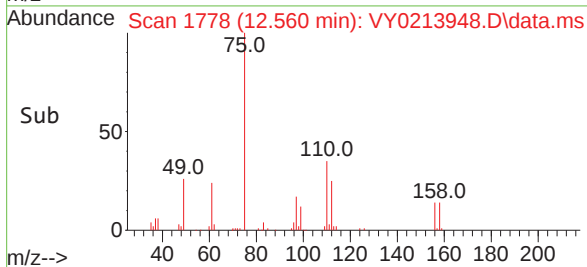
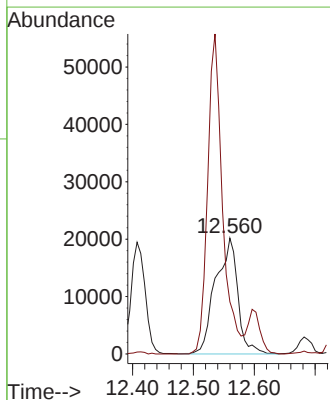
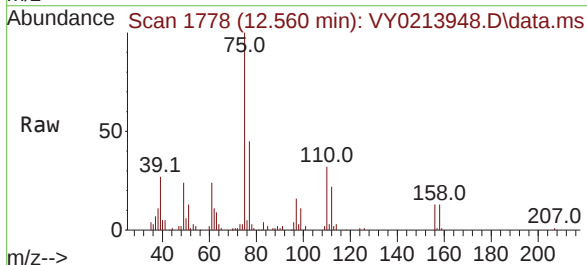
Instrument :
 MSVOA_Y
 ClientSampleId :
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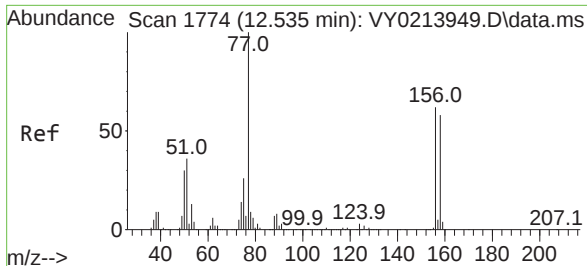
Tgt Ion: 83 Resp: 40373
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.3 16.1
 85 63.0 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 32.129 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 51270
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

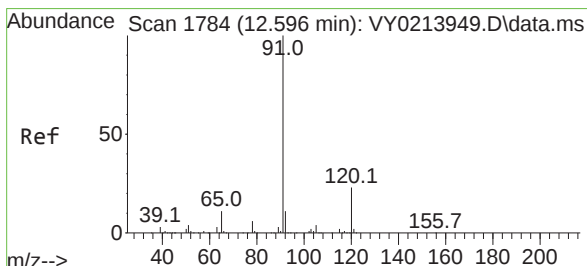
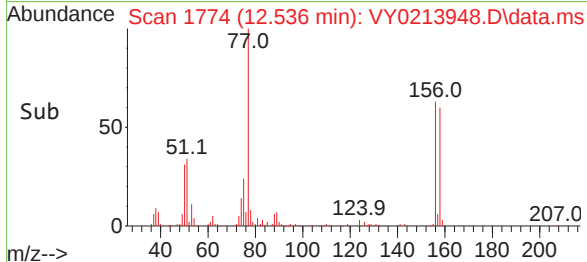
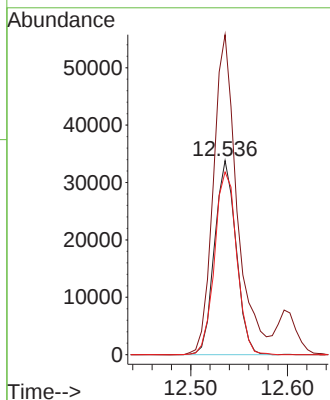
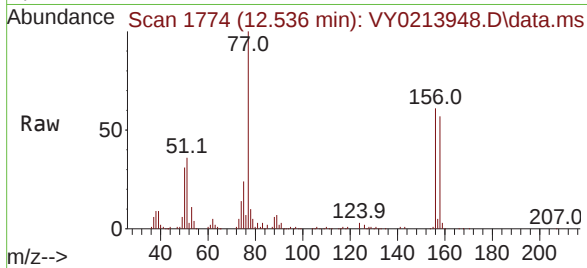




#77
Bromobenzene
Concen: 17.874 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

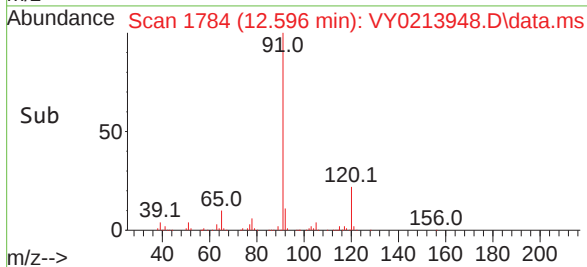
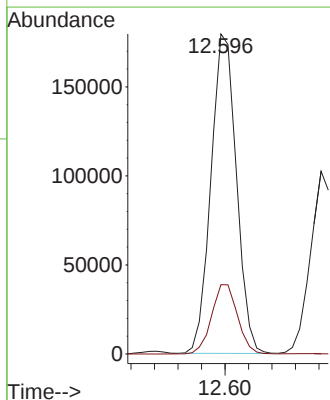
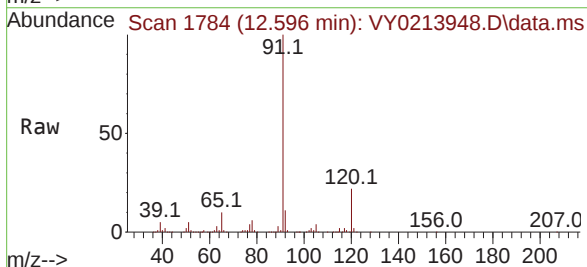
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

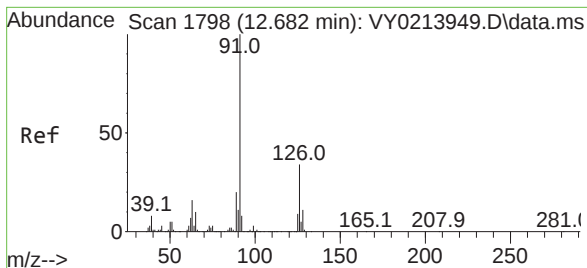
Tgt Ion:156 Resp: 52163
Ion Ratio Lower Upper
156 100
77 181.3 93.6 280.8
158 97.3 48.3 144.8



#78
n-propylbenzene
Concen: 17.819 ug/l
RT: 12.596 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 91 Resp: 269961
Ion Ratio Lower Upper
91 100
120 22.2 11.3 33.8

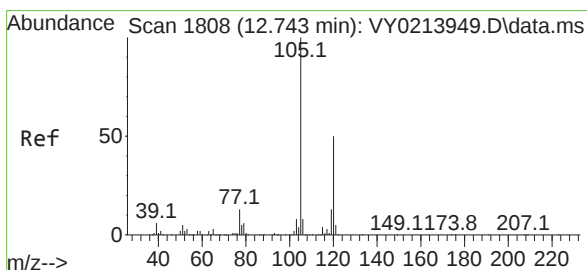
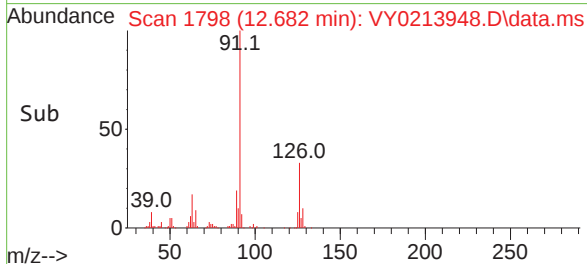
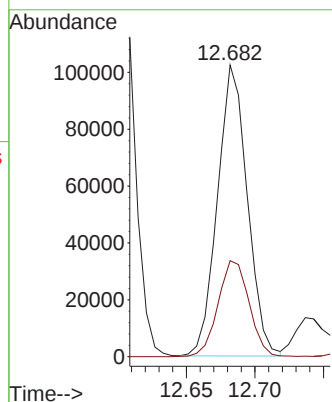
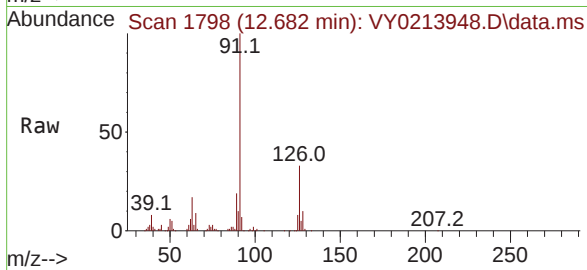




#79
2-Chlorotoluene
Concen: 17.906 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

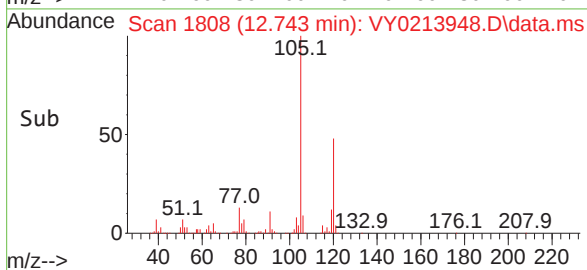
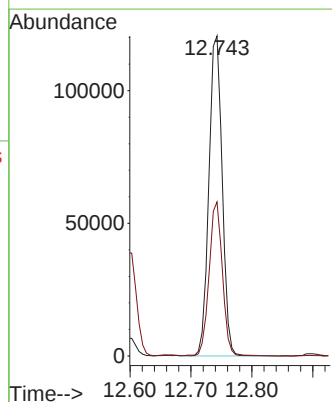
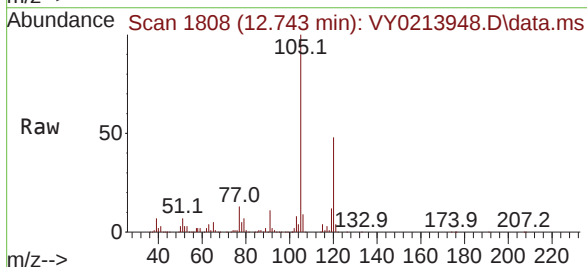
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

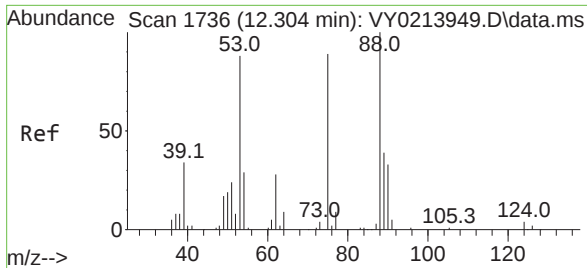
Tgt Ion: 91 Resp: 155109
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 18.091 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion: 105 Resp: 183398
Ion Ratio Lower Upper
105 100
120 47.8 24.6 73.6

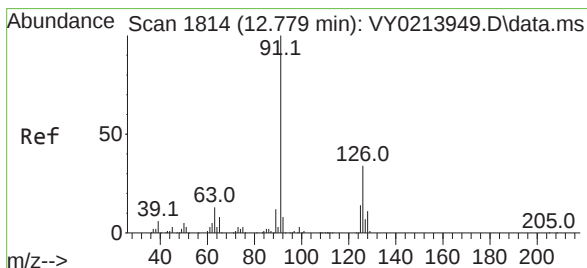
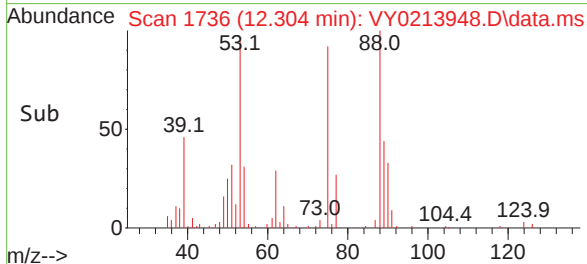
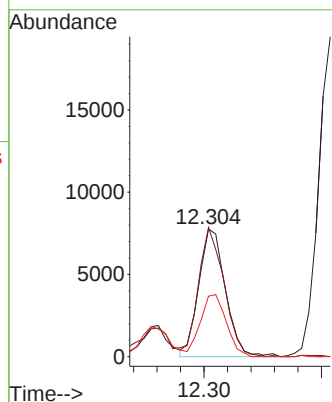
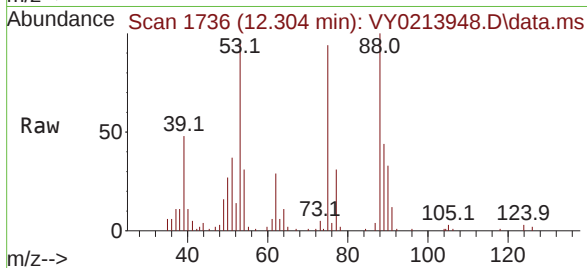




#81
trans-1,4-Dichloro-2-butene
Concen: 17.456 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

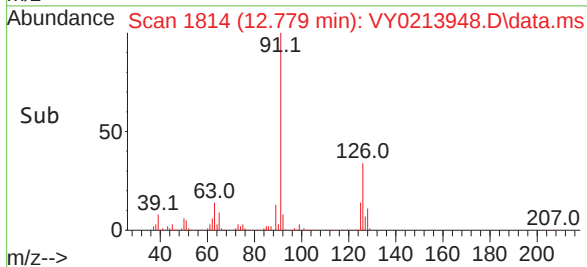
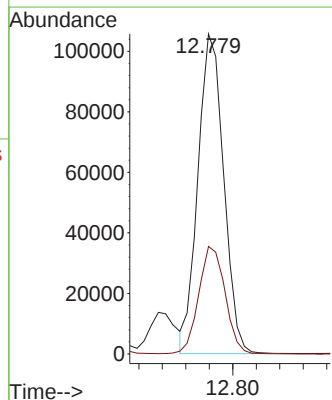
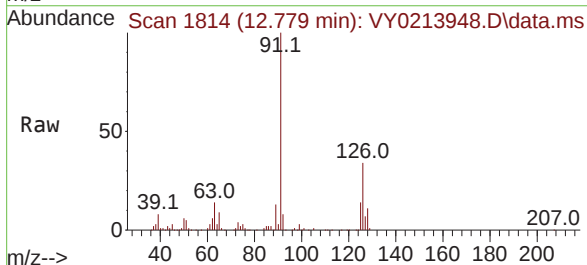
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

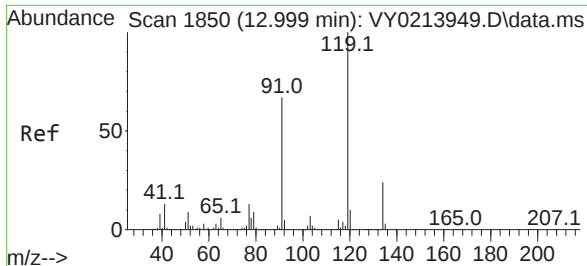
Tgt Ion:	75	Resp:	12253
Ion	Ratio	Lower	Upper
75	100		
53	99.1	81.0	121.4
89	46.9	36.9	55.3



#82
4-Chlorotoluene
Concen: 17.893 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:	91	Resp:	160509
Ion	Ratio	Lower	Upper
91	100		
126	34.6	17.0	51.0

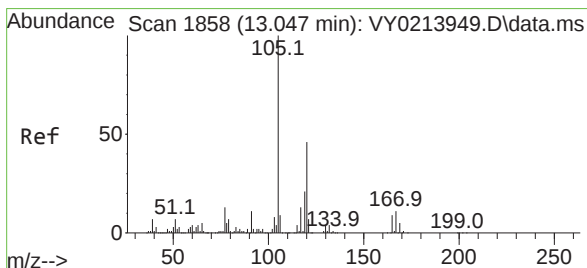
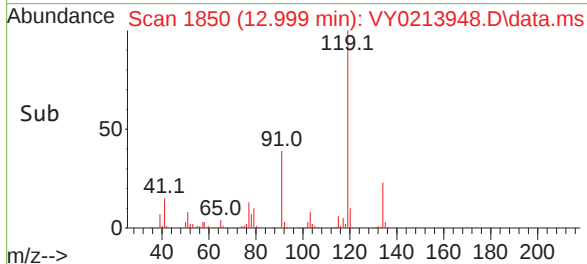
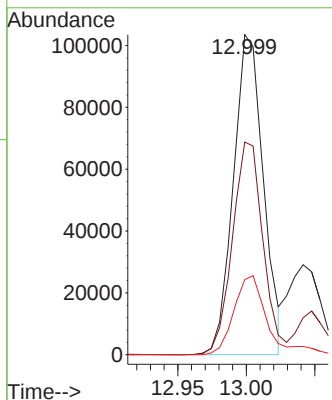
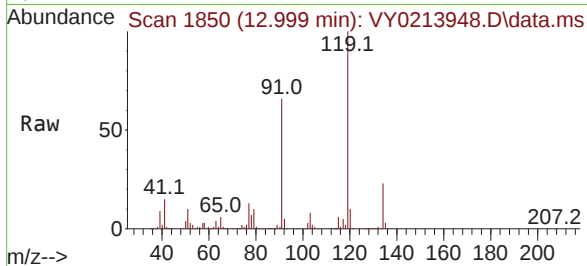




#83
 tert-Butylbenzene
 Concen: 17.461 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

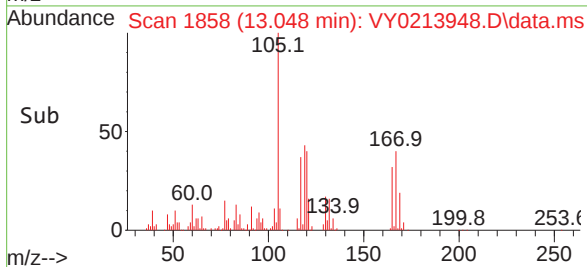
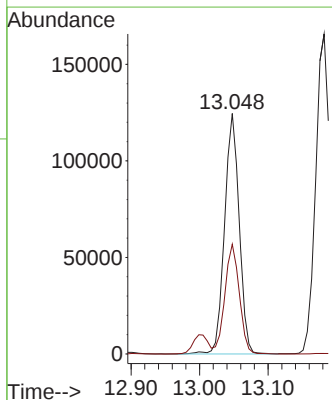
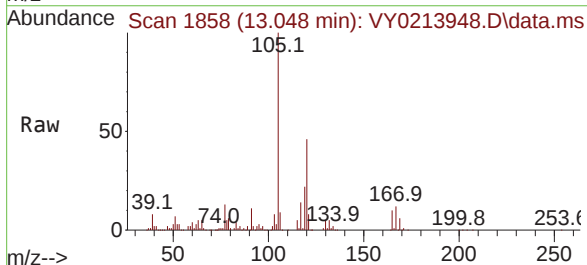
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

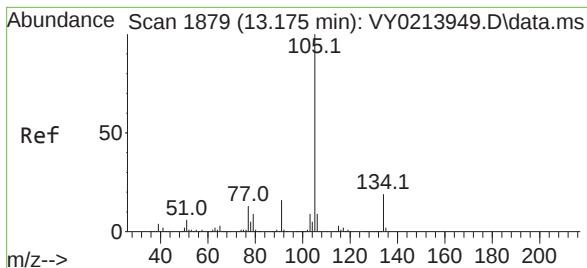
Tgt Ion:119	Resp: 157912
Ion Ratio	Lower Upper
119 100	
91 67.7	33.2 99.6
134 27.3	13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.254 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion:105	Resp: 183733
Ion Ratio	Lower Upper
105 100	
120 45.2	22.7 68.1





#85

sec-Butylbenzene

Concen: 18.113 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

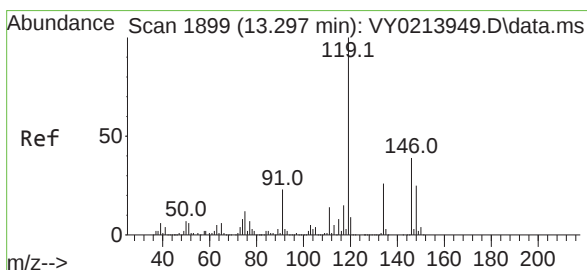
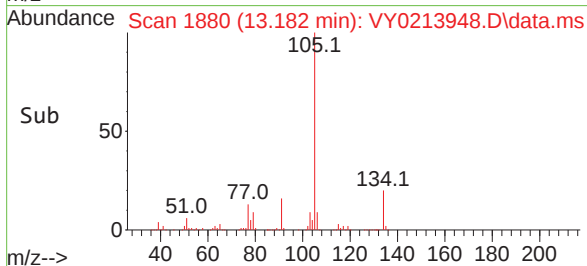
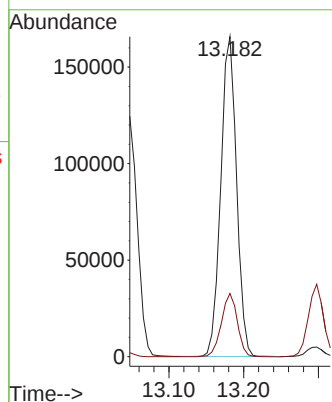
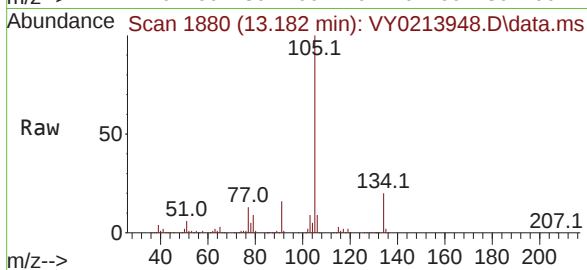
VSTDIC020

Tgt Ion:105 Resp: 243719

Ion Ratio Lower Upper

105 100

134 19.9 9.9 29.7



#86

p-Isopropyltoluene

Concen: 17.900 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

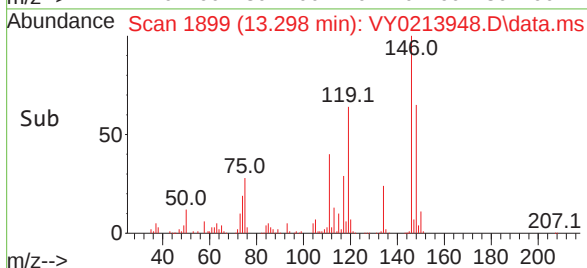
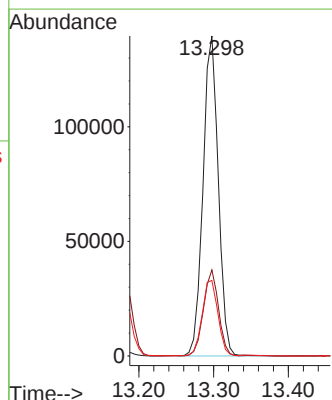
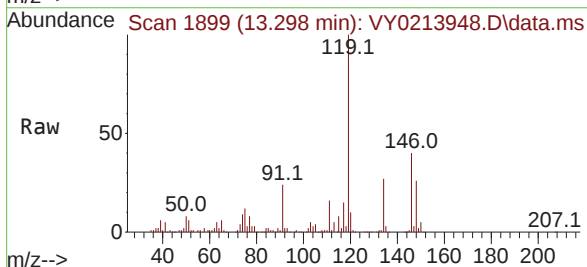
Tgt Ion:119 Resp: 198423

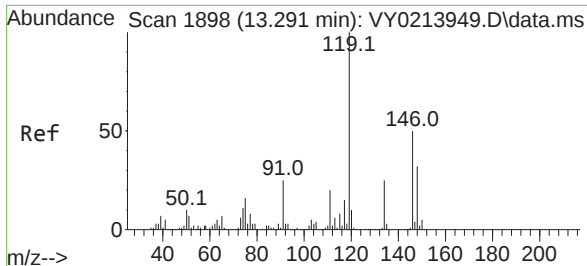
Ion Ratio Lower Upper

119 100

134 26.5 13.1 39.1

91 24.2 12.2 36.6

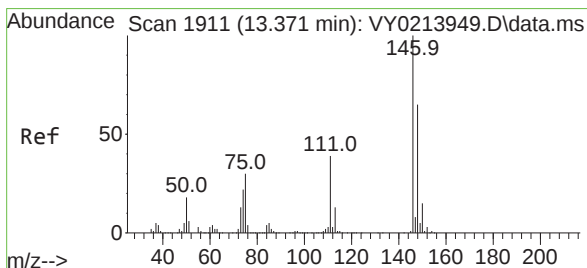
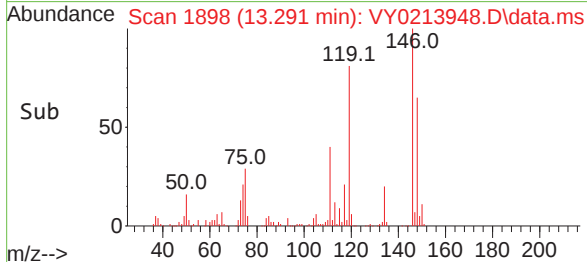
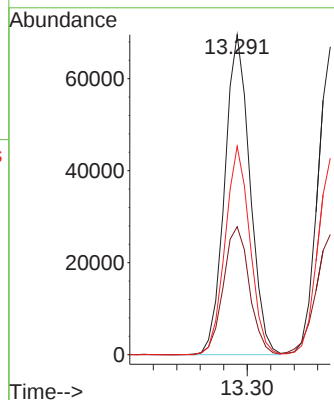
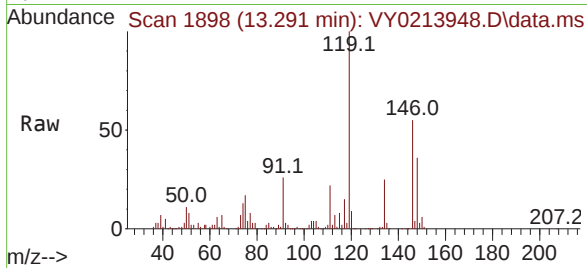




#87
 1,3-Dichlorobenzene
 Concen: 17.882 ug/l
 RT: 13.291 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

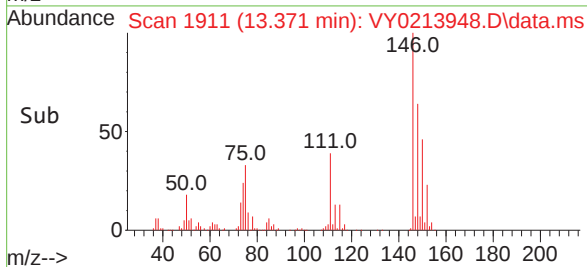
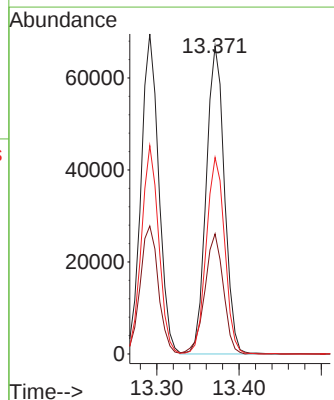
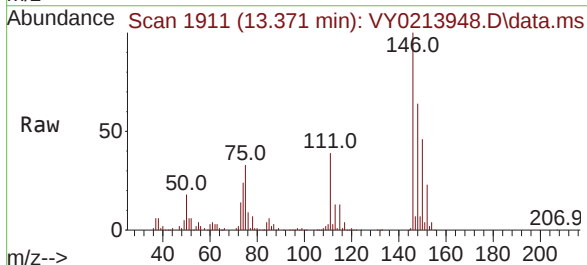
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

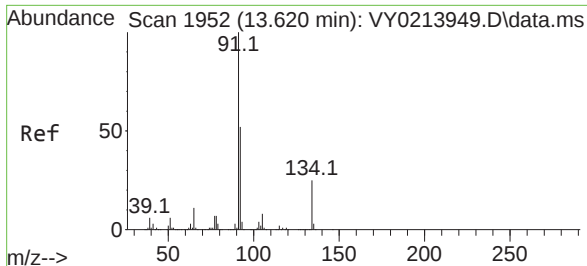
Tgt Ion:146 Resp: 103878
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.0 60.0
 148 63.7 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.106 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion:146 Resp: 102862
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.6 58.8
 148 64.7 32.3 96.8





#89

n-Butylbenzene

Concen: 17.741 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY0213948.D

Acq: 04 Mar 2025 10:09

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

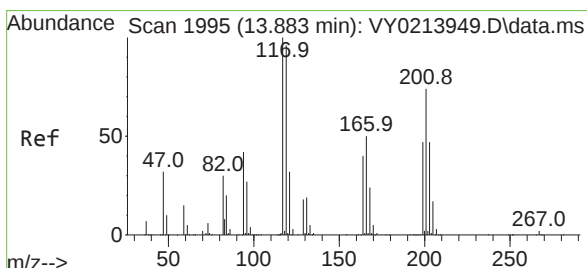
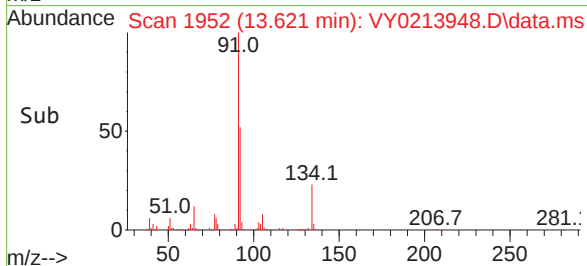
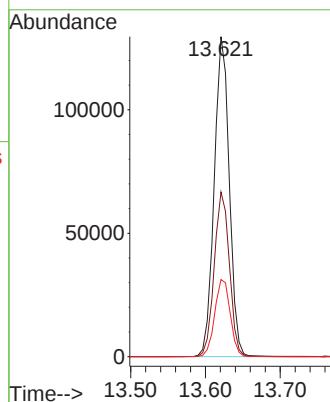
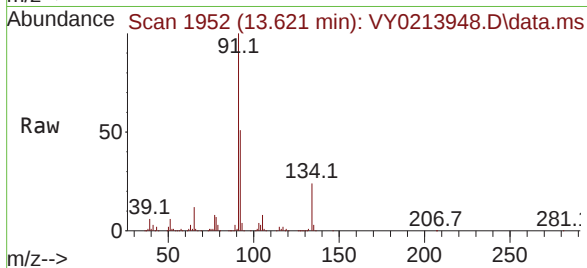
Tgt Ion: 91 Resp: 181603

Ion Ratio Lower Upper

91 100

92 51.8 26.1 78.3

134 24.8 12.6 37.8



#90

Hexachloroethane

Concen: 17.379 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY0213948.D

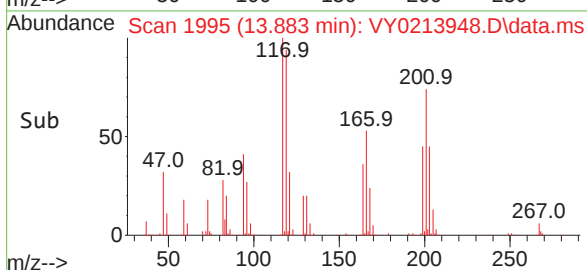
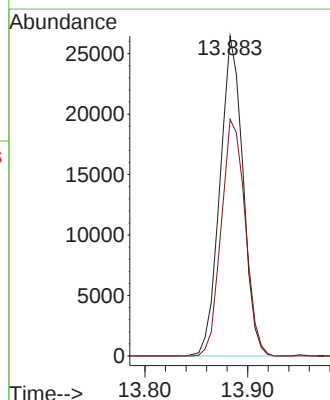
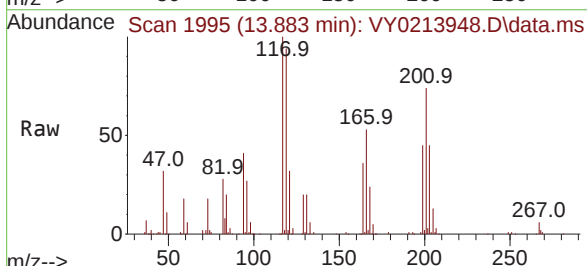
Acq: 04 Mar 2025 10:09

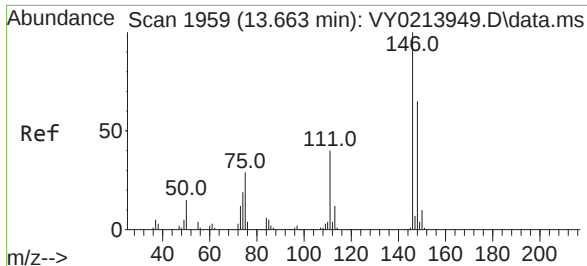
Tgt Ion: 117 Resp: 41098

Ion Ratio Lower Upper

117 100

201 76.9 37.4 112.2

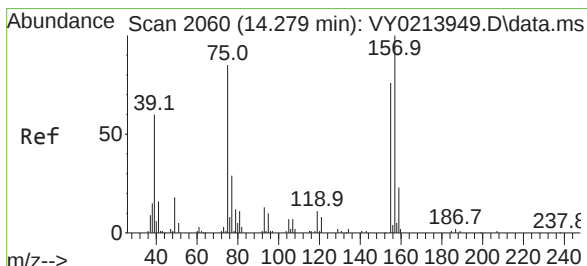
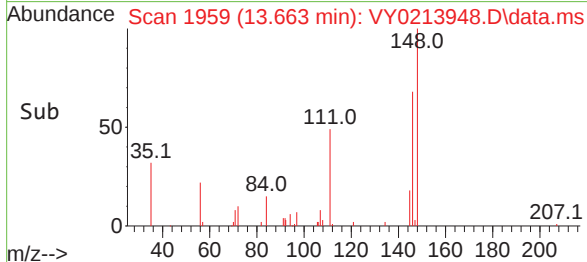
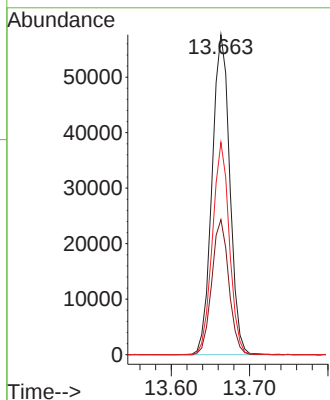
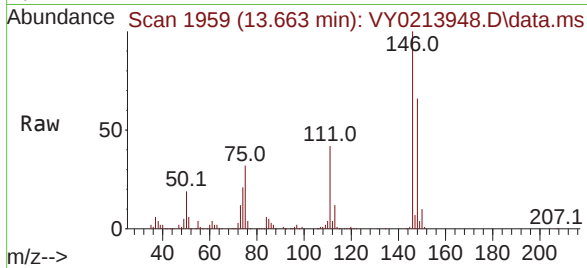




#91
 1,2-Dichlorobenzene
 Concen: 18.208 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

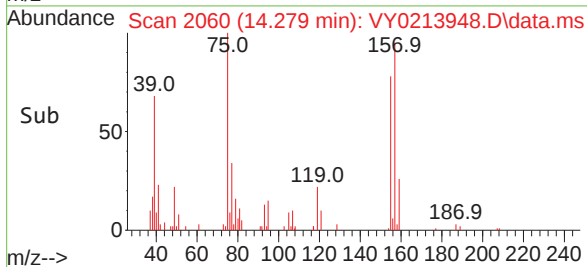
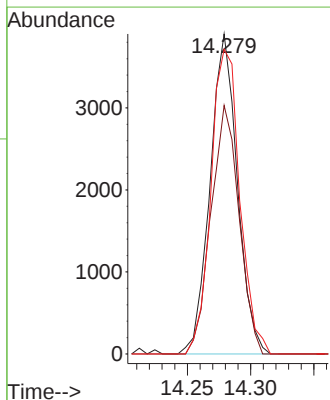
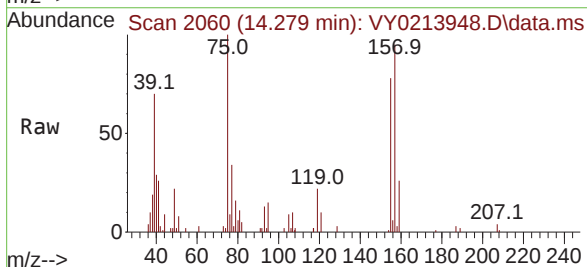
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

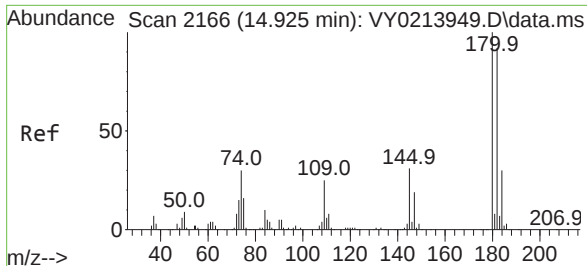
Tgt Ion:146 Resp: 90658
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.7 62.1
 148 63.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.741 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion: 75 Resp: 5850
 Ion Ratio Lower Upper
 75 100
 155 79.9 43.5 130.5
 157 100.7 54.4 163.2

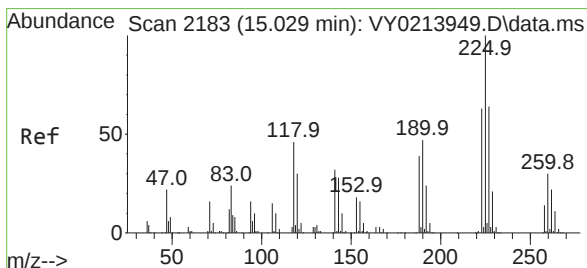
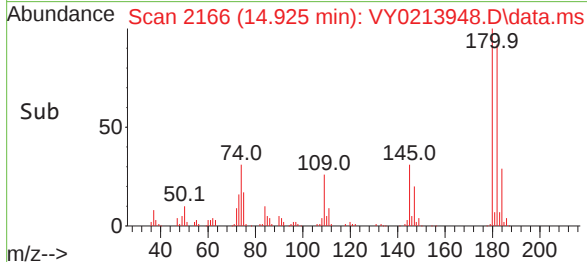
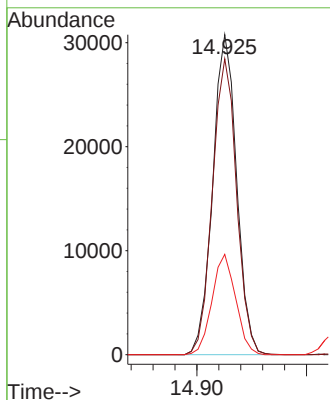
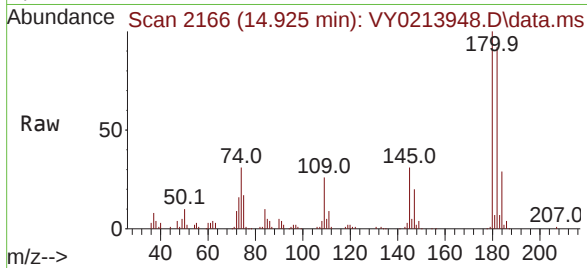




#93
 1,2,4-Trichlorobenzene
 Concen: 17.127 ug/l
 RT: 14.925 min Scan# 2166
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

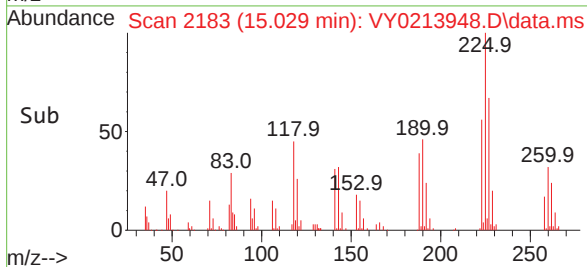
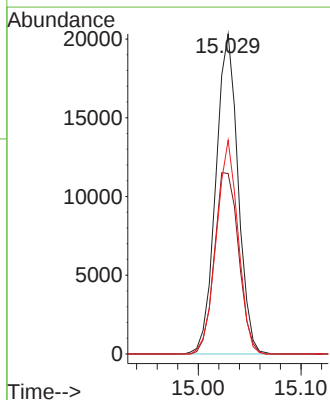
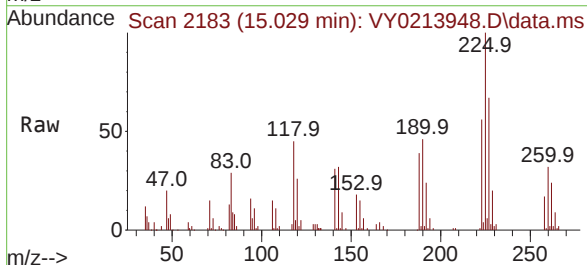
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

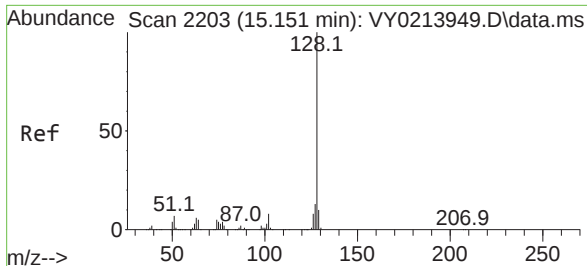
Tgt Ion:180 Resp: 46578
 Ion Ratio Lower Upper
 180 100
 182 93.5 46.7 140.0
 145 31.0 15.6 46.8



#94
 Hexachlorobutadiene
 Concen: 17.851 ug/l
 RT: 15.029 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VY0213948.D
 Acq: 04 Mar 2025 10:09

Tgt Ion:225 Resp: 30431
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.4 94.2
 227 65.4 31.8 95.4

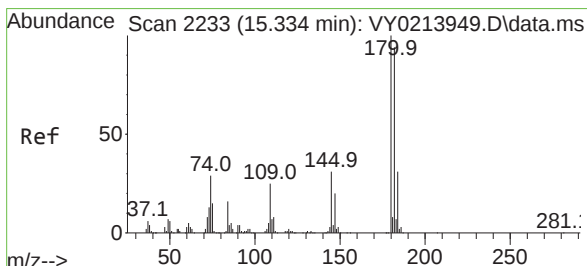
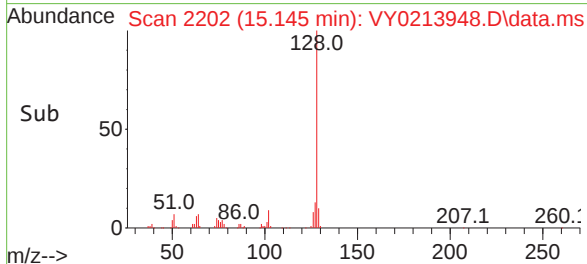
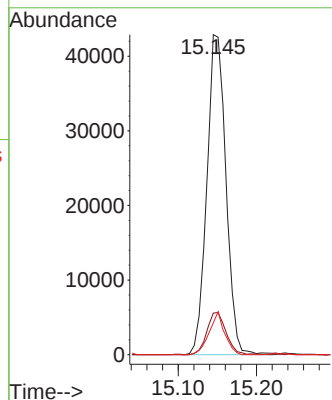
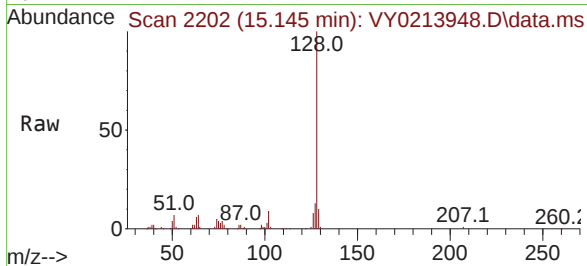




#95
Naphthalene
Concen: 17.845 ug/l
RT: 15.145 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 72734
Ion Ratio Lower Upper
128 100
127 13.3 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 16.996 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY0213948.D
Acq: 04 Mar 2025 10:09

Tgt Ion:180 Resp: 38873
Ion Ratio Lower Upper
180 100
182 95.5 47.2 141.6
145 32.1 16.4 49.1

