

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030425\
 Data File : VY021401.D
 Acq On : 04 Mar 2025 11:29
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 05 03:01:02 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	266755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	403017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	355825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	173358	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	382016	135.494	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.980%#	
35) Dibromofluoromethane	7.640	113	376382	142.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 284.160%#	
50) Toluene-d8	10.109	98	1454175	144.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 289.960%#	
62) 4-Bromofluorobenzene	12.408	95	489437	143.450	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 286.900%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	343152	140.181	ug/l	97
3) Chloromethane	2.074	50	464459	134.578	ug/l	99
4) Vinyl Chloride	2.208	62	532492	141.188	ug/l	99
5) Bromomethane	2.592	94	374688	137.459	ug/l	98
6) Chloroethane	2.739	64	345714	138.708	ug/l	97
7) Trichlorofluoromethane	3.062	101	748024	142.097	ug/l	99
8) Diethyl Ether	3.458	74	210548	144.324	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.824	101	419826	139.685	ug/l	99
10) Methyl Iodide	4.013	142	485205	158.816	ug/l	98
11) Tert butyl alcohol	4.872	59	132243	768.076	ug/l	100
12) 1,1-Dichloroethene	3.793	96	395483	144.329	ug/l	99
13) Acrolein	3.659	56	16610	115.824	ug/l	89
14) Allyl chloride	4.391	41	650795	146.966	ug/l	99
15) Acrylonitrile	5.061	53	454097	731.212	ug/l	99
16) Acetone	3.873	43	380537	618.814	ug/l	94
17) Carbon Disulfide	4.110	76	1237407	144.094	ug/l	100
18) Methyl Acetate	4.391	43	205359	150.507	ug/l	100
19) Methyl tert-butyl Ether	5.122	73	1052192	151.501	ug/l	99
20) Methylene Chloride	4.622	84	405442	125.603	ug/l	97
21) trans-1,2-Dichloroethene	5.122	96	436290	142.173	ug/l	99
22) Diisopropyl ether	6.025	45	1390733	145.730	ug/l	96
23) Vinyl Acetate	5.964	43	4142519	760.601	ug/l	99
24) 1,1-Dichloroethane	5.921	63	793059	140.803	ug/l	99
25) 2-Butanone	6.896	43	604502	710.631	ug/l	99
26) 2,2-Dichloropropane	6.890	77	740961	142.975	ug/l	98
27) cis-1,2-Dichloroethene	6.896	96	511211	146.639	ug/l	98
28) Bromochloromethane	7.250	49	304092	128.781	ug/l	98
29) Tetrahydrofuran	7.262	42	392146	746.729	ug/l	99
30) Chloroform	7.427	83	823431	140.790	ug/l	98
31) Cyclohexane	7.707	56	731684	138.566	ug/l	97
32) 1,1,1-Trichloroethane	7.622	97	762807	142.442	ug/l	99
36) 1,1-Dichloropropene	7.841	75	609596	147.009	ug/l	99
37) Ethyl Acetate	6.988	43	271579	145.189	ug/l	99
38) Carbon Tetrachloride	7.823	117	700638	146.916	ug/l	100
39) Methylcyclohexane	9.109	83	808497	158.954	ug/l	99
40) Benzene	8.085	78	1781188	145.818	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	150455	147.676	ug/l #	92
42) 1,2-Dichloroethane	8.164	62	493103	144.299	ug/l	99
43) Isopropyl Acetate	8.201	43	557010	156.557	ug/l	99
44) Trichloroethene	8.866	130	456841	148.000	ug/l	96
45) 1,2-Dichloropropane	9.146	63	419433	144.273	ug/l	98
46) Dibromomethane	9.231	93	239577	148.107	ug/l	99
47) Bromodichloromethane	9.426	83	629944	146.641	ug/l	100
48) Methyl methacrylate	9.225	41	268043	162.482	ug/l	99
49) 1,4-Dioxane	9.231	88	51411	3238.027	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	1468813	800.119	ug/l	99
52) Toluene	10.176	92	1158338	150.411	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	598438	158.120	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	684617	152.359	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	310174	146.586	ug/l	99
56) Ethyl methacrylate	10.444	69	466697	172.939	ug/l	99
57) 1,3-Dichloropropane	10.719	76	545711	148.802	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	1094099	878.264	ug/l	99
59) 2-Hexanone	10.762	43	983959	810.617	ug/l	100
60) Dibromochloromethane	10.914	129	436855	150.595	ug/l	99
61) 1,2-Dibromoethane	11.018	107	298827	149.635	ug/l	98
64) Tetrachloroethene	10.652	164	419107	144.847	ug/l	99
65) Chlorobenzene	11.444	112	1243163	147.949	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.517	131	442377	148.911	ug/l	100
67) Ethyl Benzene	11.524	91	2291269	155.358	ug/l	100
68) m/p-Xylenes	11.633	106	1713936	306.103	ug/l	99
69) o-Xylene	11.956	106	805321	156.057	ug/l	99
70) Styrene	11.975	104	1352252	157.956	ug/l	99
71) Bromoform	12.133	173	253882	152.878	ug/l #	98
73) Isopropylbenzene	12.255	105	2144893	157.067	ug/l	99
74) N-amyl acetate	12.072	43	521557	175.863	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.511	83	358734	148.865	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	479809	274.663	ug/l #	100
77) Bromobenzene	12.536	156	485258	151.891	ug/l	98
78) n-propylbenzene	12.597	91	2550395	153.780	ug/l	100
79) 2-Chlorotoluene	12.682	91	1439597	151.808	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	1704391	153.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	126267	164.316	ug/l	95
82) 4-Chlorotoluene	12.779	91	1468603	149.554	ug/l	100
83) tert-Butylbenzene	12.999	119	1538803	155.433	ug/l	100
84) 1,2,4-Trimethylbenzene	13.048	105	1713052	155.470	ug/l	99
85) sec-Butylbenzene	13.182	105	2277976	154.650	ug/l	99
86) p-Isopropyltoluene	13.298	119	1940795	159.931	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	947577	149.004	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	917648	147.547	ug/l	99
89) n-Butylbenzene	13.621	91	1818773	162.308	ug/l	98
90) Hexachloroethane	13.883	117	393459	151.984	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	811529	148.890	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	56205	155.702	ug/l	97
93) 1,2,4-Trichlorobenzene	14.925	180	517199	173.726	ug/l	98
94) Hexachlorobutadiene	15.029	225	302517	162.105	ug/l	99
95) Naphthalene	15.151	128	925079	150.626	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	434430	173.503	ug/l	99

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ClientSampleId :
VSTDICC150

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Quant Title : SW846 8260
QLast Update : Wed Mar 05 02:30:51 2025
Response via : Initial Calibration

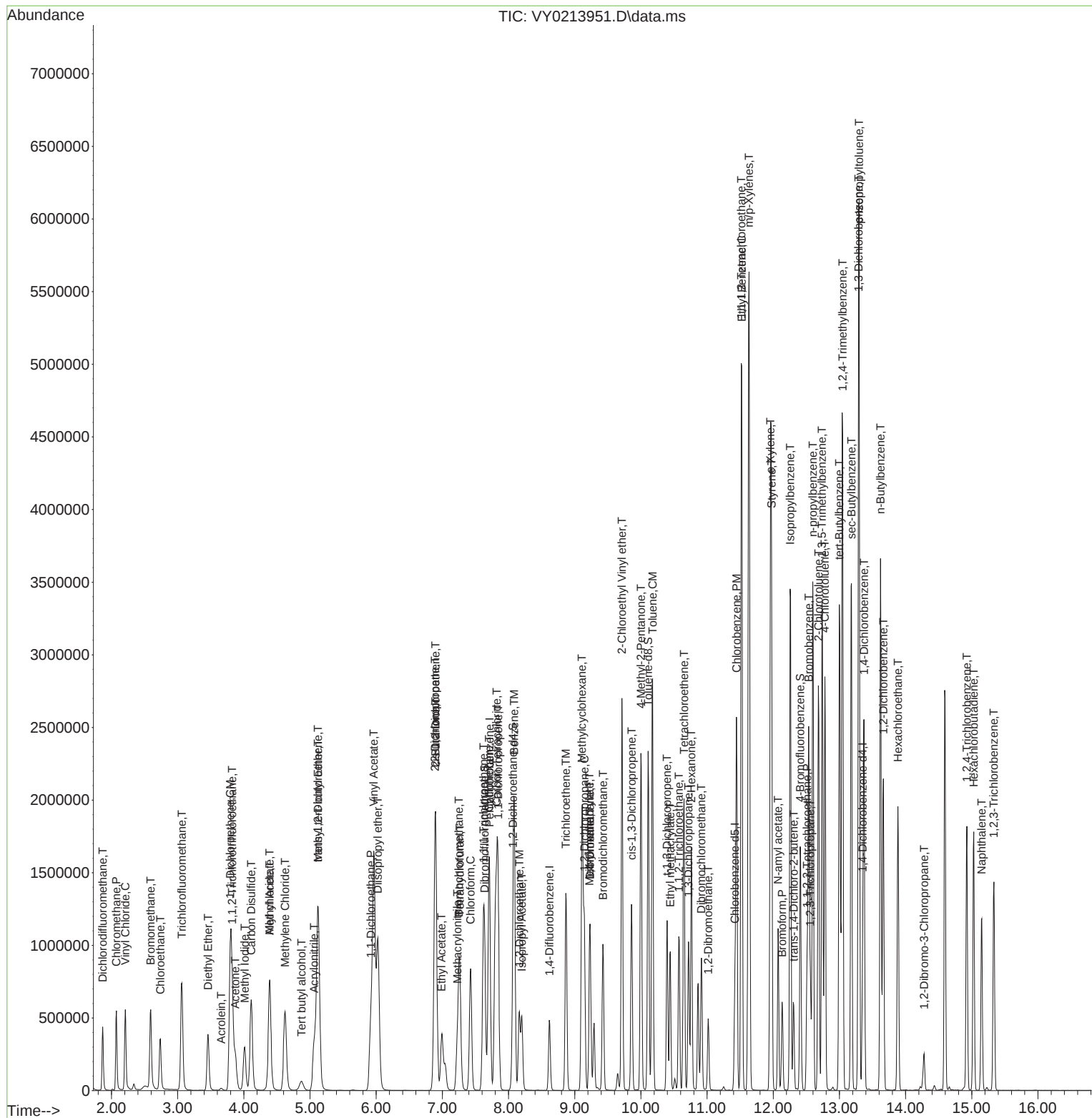
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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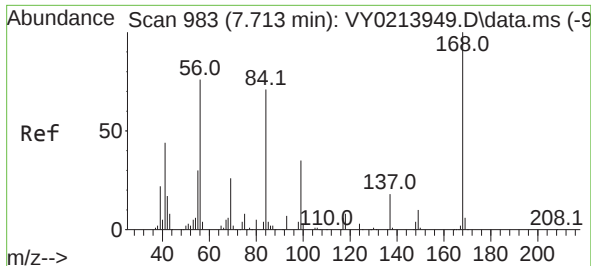
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 Data File : VY0213401.D
 Acq On : 04 Mar 2025 11:29
 Operator : SY/MD
 Sample : VSTDIC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

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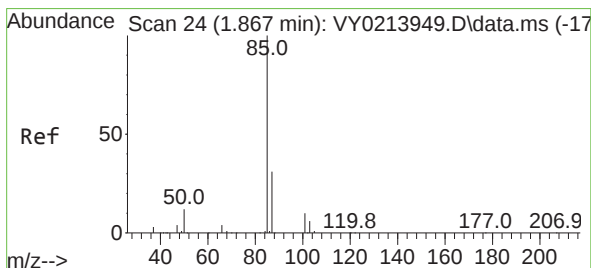
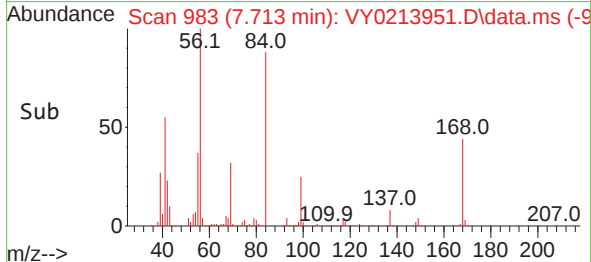
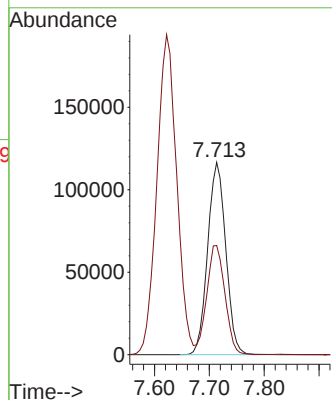
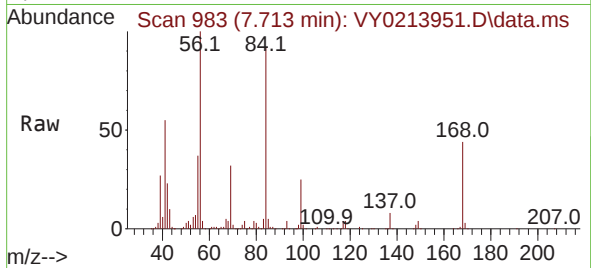




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 99
Delta R.T. 0.000 min
Lab File: VY0213951.D
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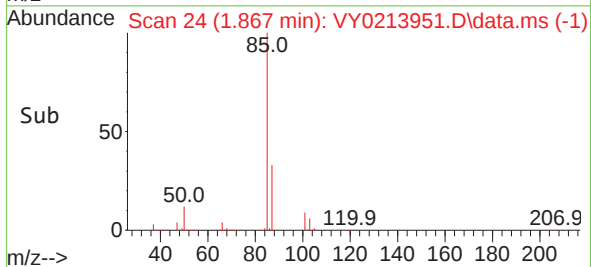
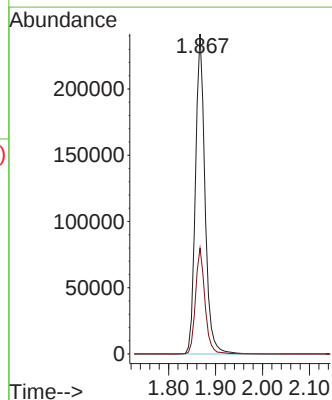
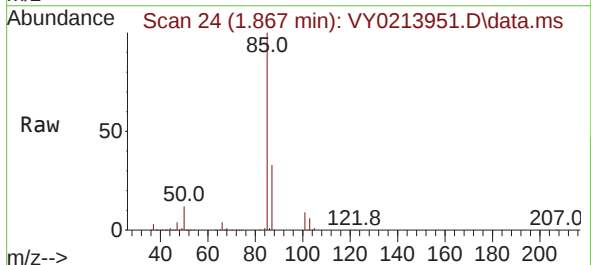
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

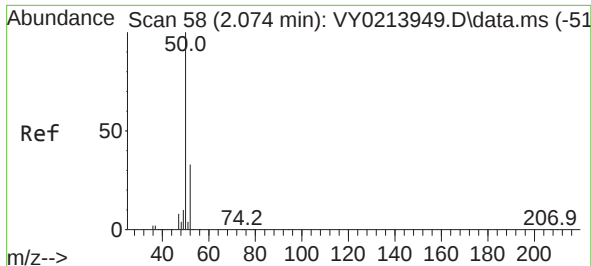
Tgt Ion:168 Resp: 266755
Ion Ratio Lower Upper
168 100
99 56.5 46.0 69.0



#2
Dichlorodifluoromethane
Concen: 140.181 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 85 Resp: 343152
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

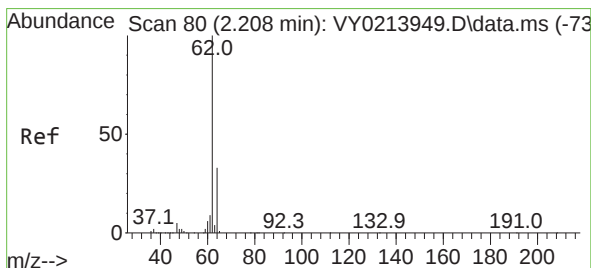
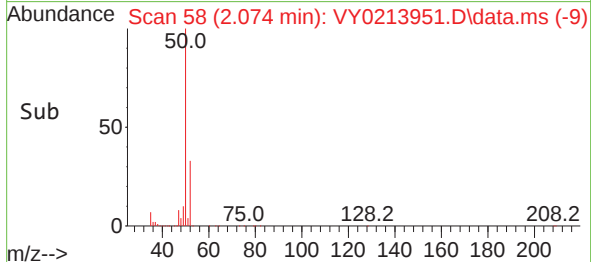
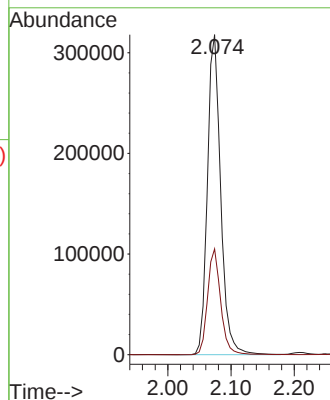
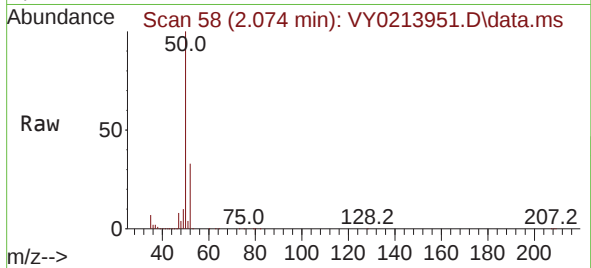




#3
Chloromethane
Concen: 134.578 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

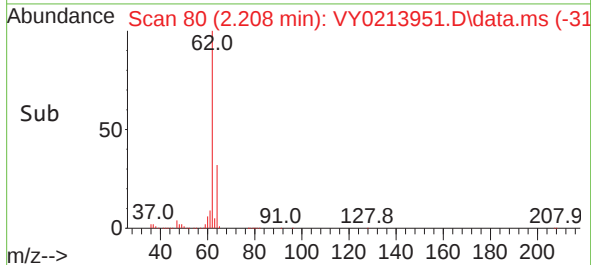
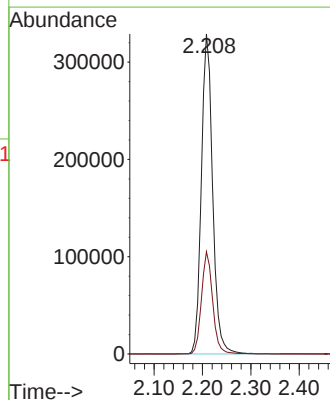
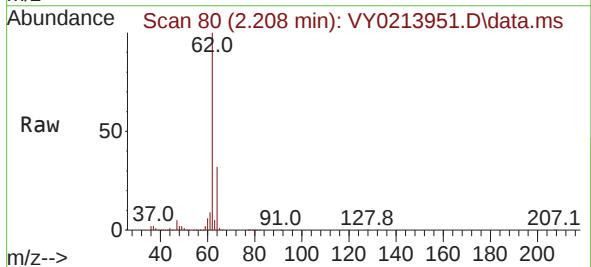
Instrument :
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ClientSampleId :
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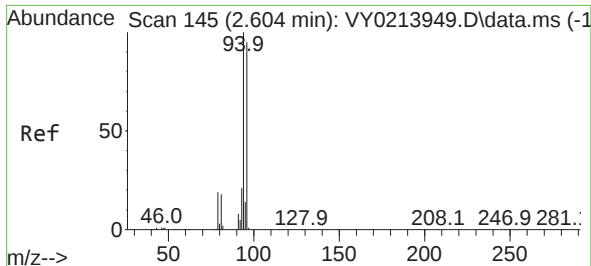
Tgt Ion: 50 Resp: 464459
Ion Ratio Lower Upper
50 100
52 33.1 26.2 39.2



#4
Vinyl Chloride
Concen: 141.188 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 62 Resp: 532492
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2

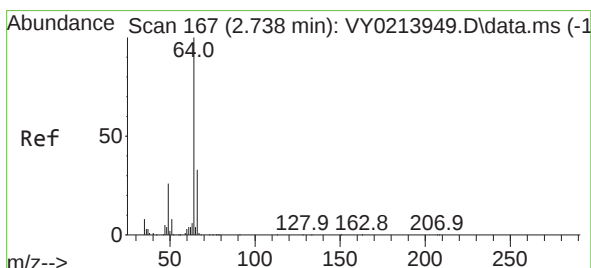
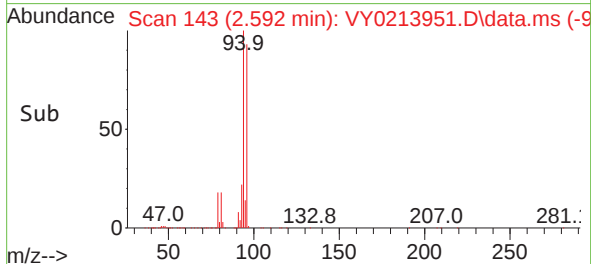
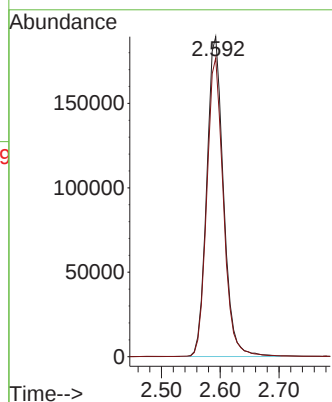
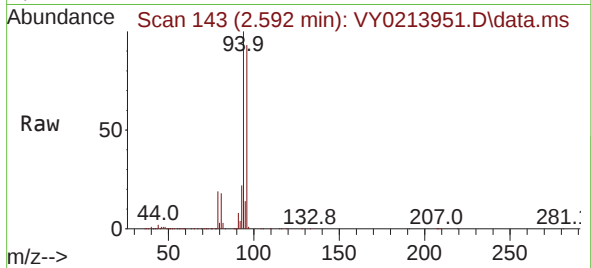




#5
Bromomethane
Concen: 137.459 ug/l
RT: 2.592 min Scan# 145
Delta R.T. -0.012 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

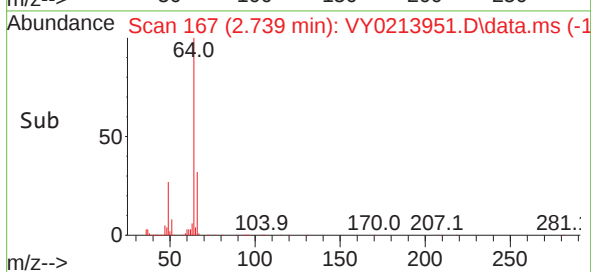
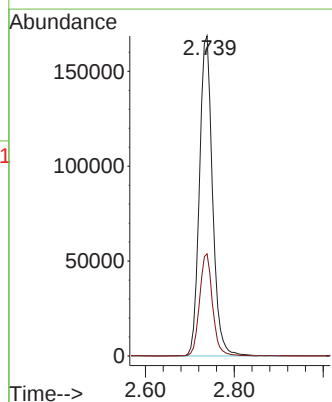
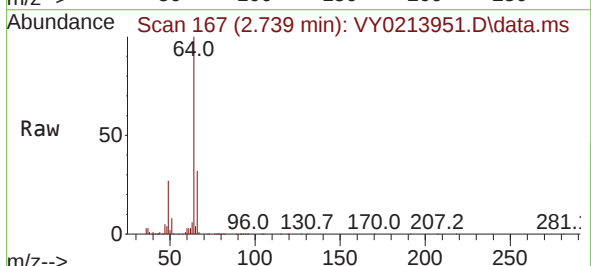
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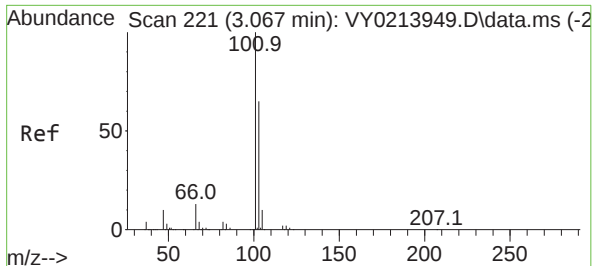
Tgt Ion: 94 Resp: 374688
Ion Ratio Lower Upper
94 100
96 93.3 76.3 114.5



#6
Chloroethane
Concen: 138.708 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 64 Resp: 345714
Ion Ratio Lower Upper
64 100
66 31.9 26.7 40.1

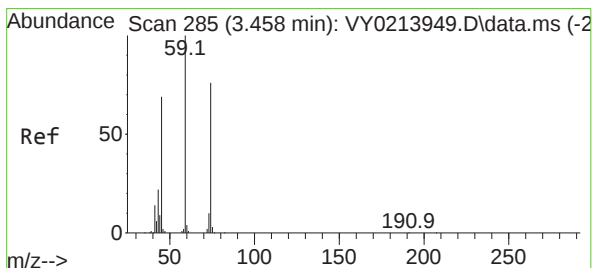
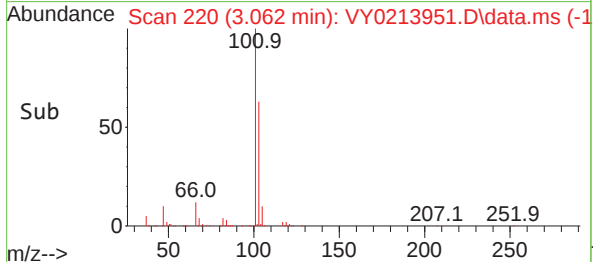
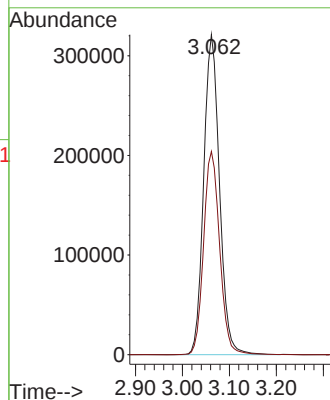
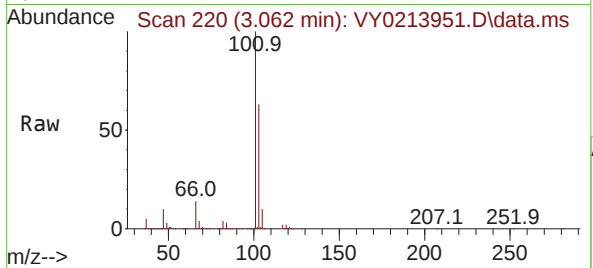




#7
Trichlorofluoromethane
Concen: 142.097 ug/l
RT: 3.062 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

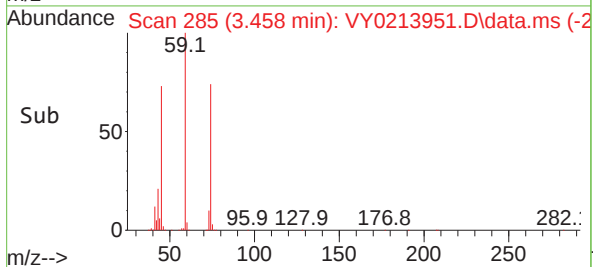
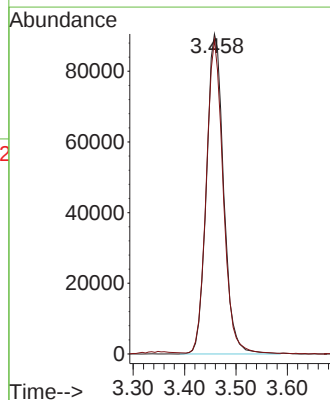
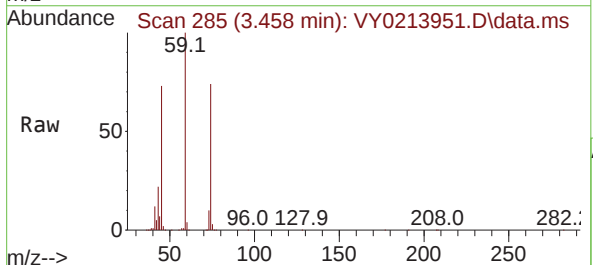
Instrument :
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VSTDIC150

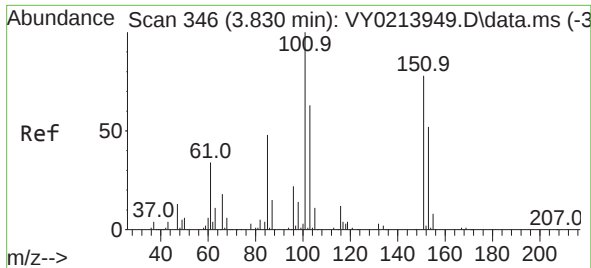
Tgt Ion:101 Resp: 748024
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5



#8
Diethyl Ether
Concen: 144.324 ug/l
RT: 3.458 min Scan# 285
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 74 Resp: 210548
Ion Ratio Lower Upper
74 100
45 96.0 49.7 149.1

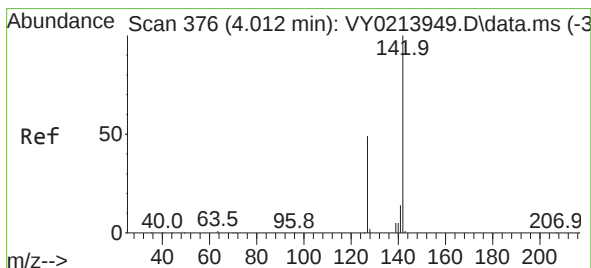
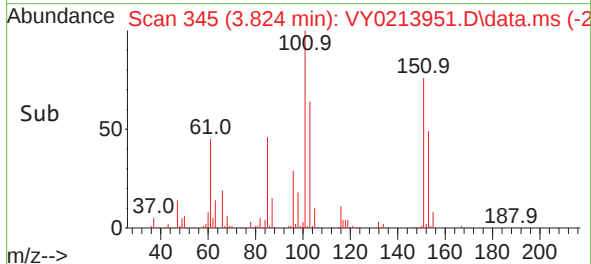
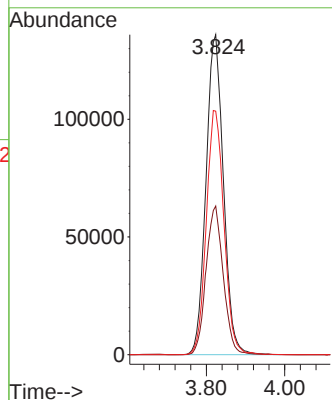
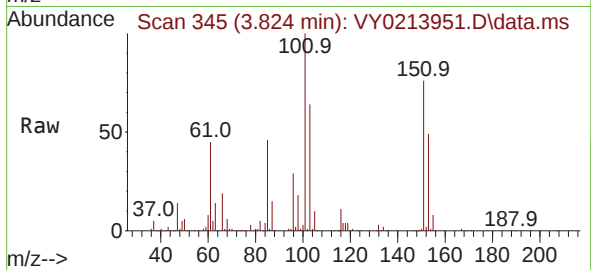




#9
1,1,2-Trichlorotrifluoroethane
Concen: 139.685 ug/l
RT: 3.824 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

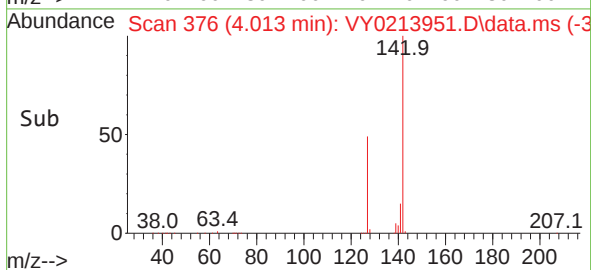
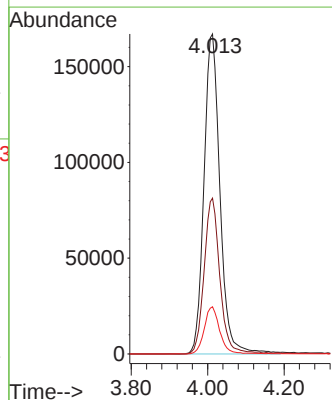
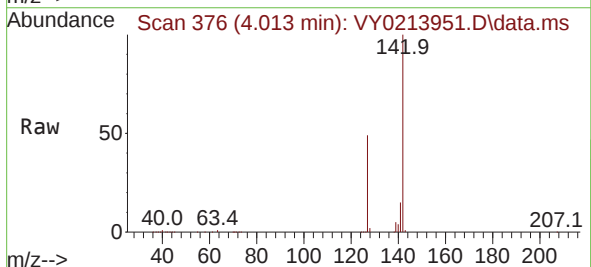
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

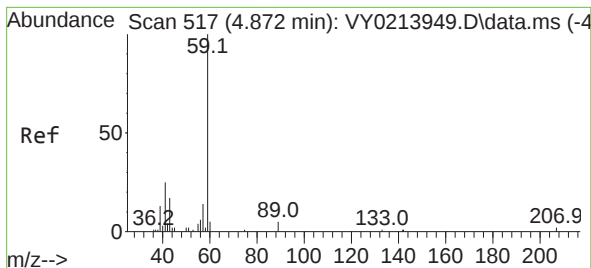
Tgt Ion:101 Resp: 419826
Ion Ratio Lower Upper
101 100
85 46.0 37.1 55.7
151 77.2 62.1 93.1



#10
Methyl Iodide
Concen: 158.816 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:142 Resp: 485205
Ion Ratio Lower Upper
142 100
127 47.8 39.1 58.7
141 14.2 11.8 17.6





#11

Tert butyl alcohol

Concen: 768.076 ug/l

RT: 4.872 min Scan# 517

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

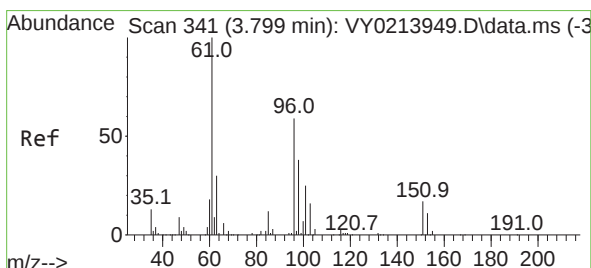
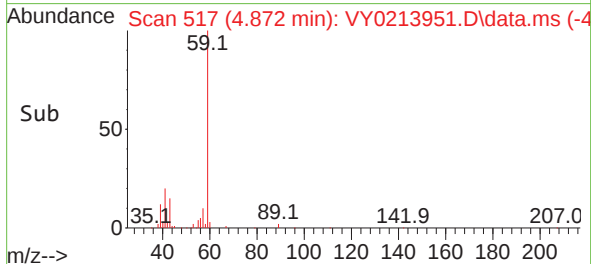
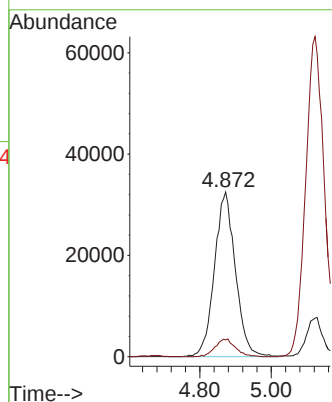
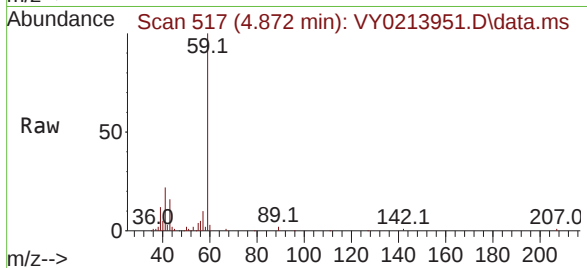
VSTDIC150

Tgt Ion: 59 Resp: 132243

Ion Ratio Lower Upper

59 100

57 10.4 8.2 12.4



#12

1,1-Dichloroethene

Concen: 144.329 ug/l

RT: 3.793 min Scan# 340

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

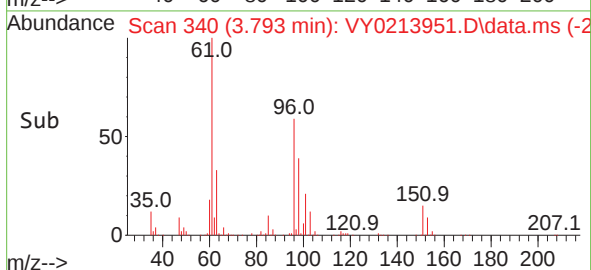
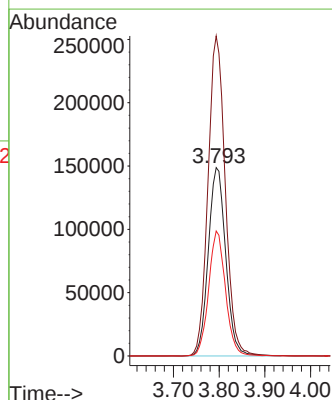
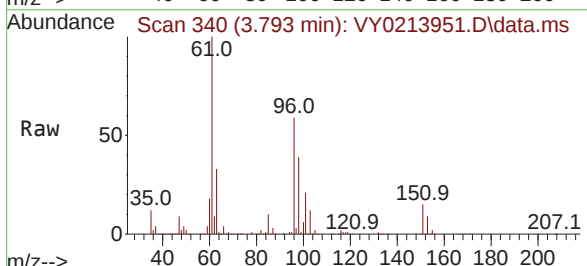
Tgt Ion: 96 Resp: 395483

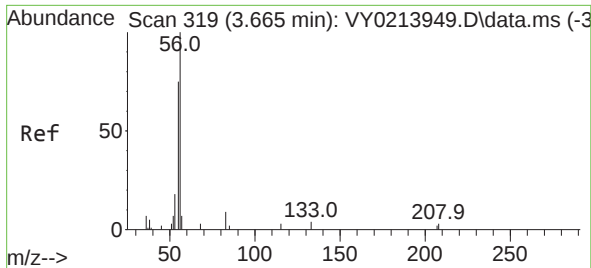
Ion Ratio Lower Upper

96 100

61 169.9 135.2 202.8

98 66.4 51.4 77.2





#13

Acrolein

Concen: 115.824 ug/l

RT: 3.659 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

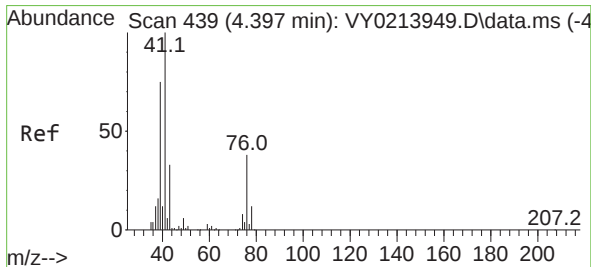
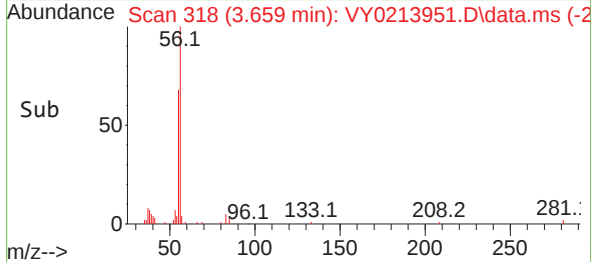
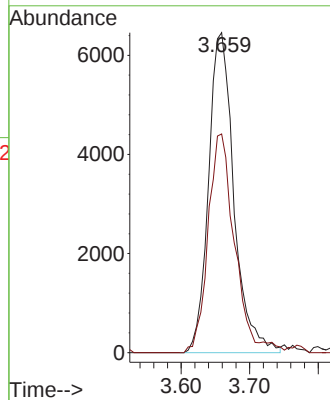
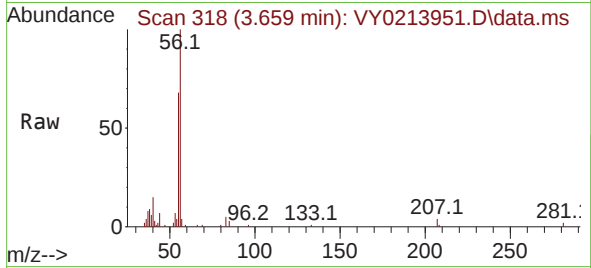
VSTDIC150

Tgt Ion: 56 Resp: 16610

Ion Ratio Lower Upper

56 100

55 69.5 63.4 95.2



#14

Allyl chloride

Concen: 146.966 ug/l

RT: 4.391 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

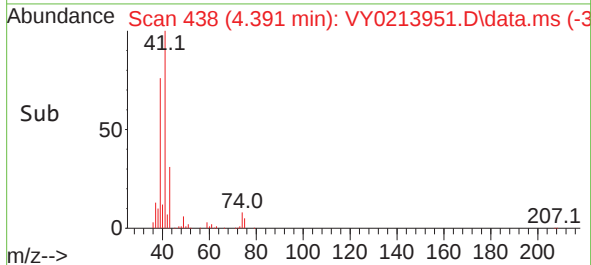
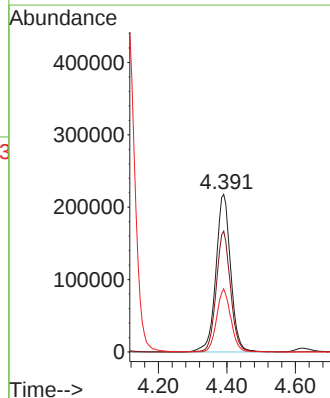
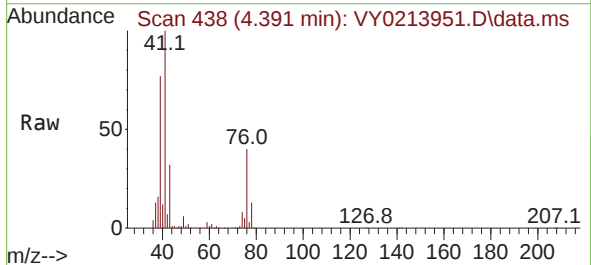
Tgt Ion: 41 Resp: 650795

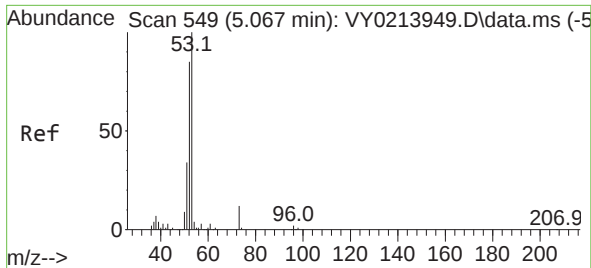
Ion Ratio Lower Upper

41 100

39 73.7 59.3 88.9

76 37.9 29.8 44.8

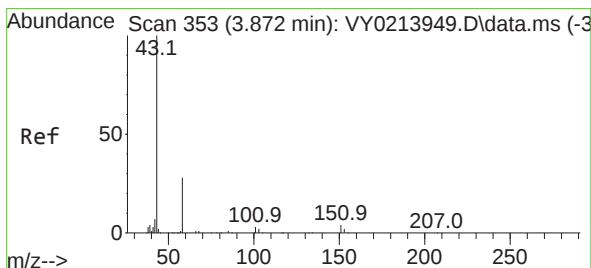
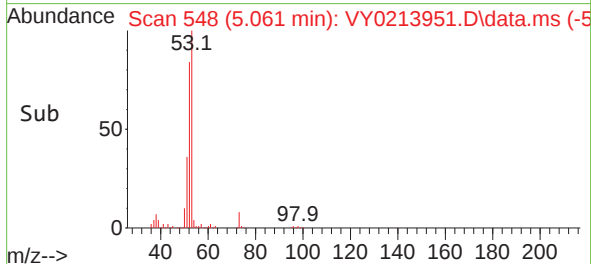
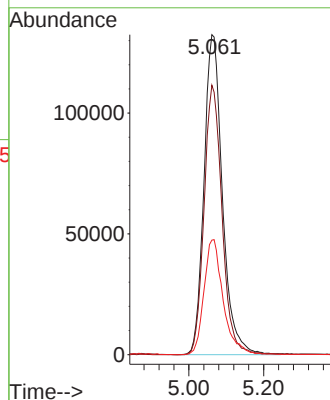
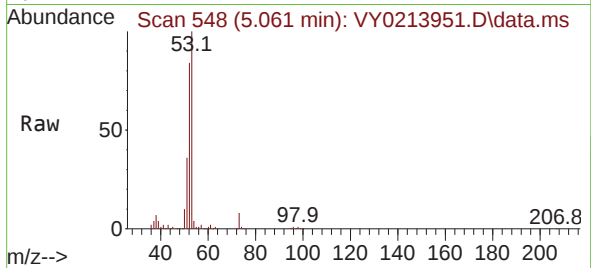




#15
Acrylonitrile
Concen: 731.212 ug/l
RT: 5.061 min Scan# 549
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

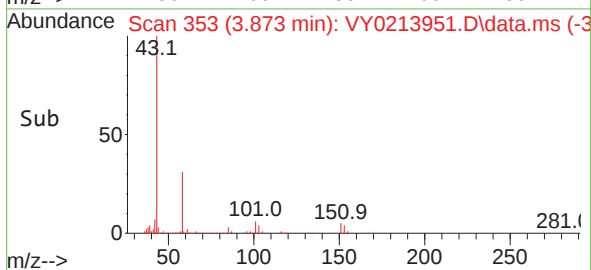
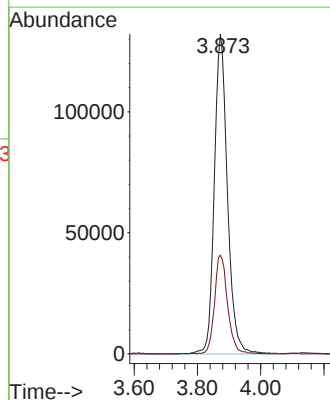
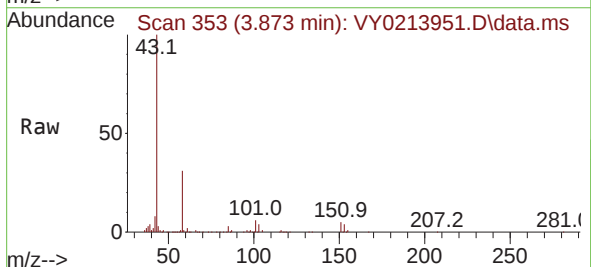
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

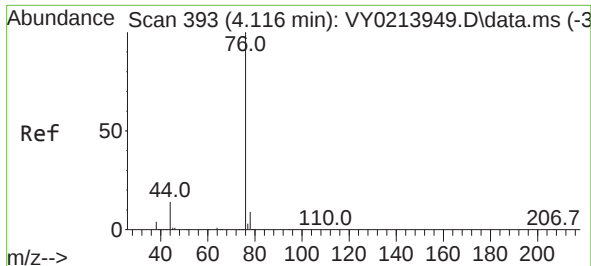
Tgt Ion: 53 Resp: 454097
Ion Ratio Lower Upper
53 100
52 82.0 66.3 99.5
51 37.5 30.3 45.5



#16
Acetone
Concen: 618.814 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 380537
Ion Ratio Lower Upper
43 100
58 30.8 22.1 33.1

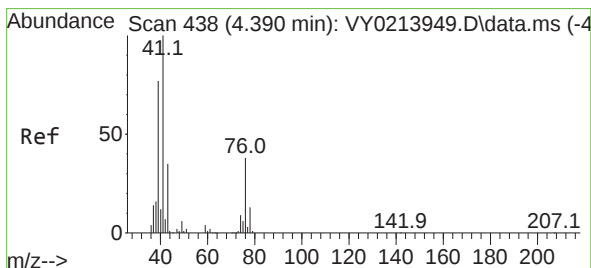
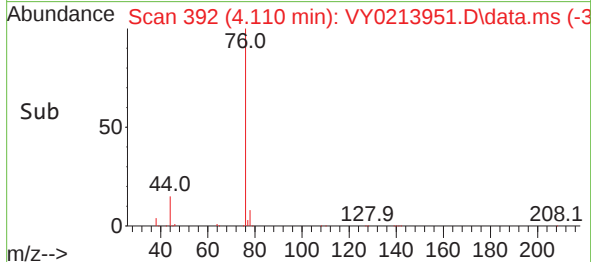
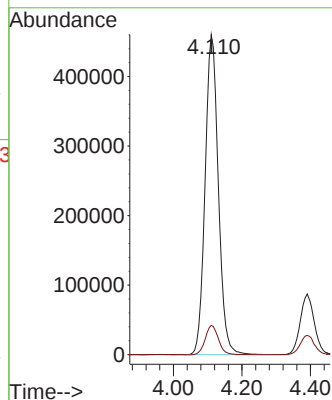
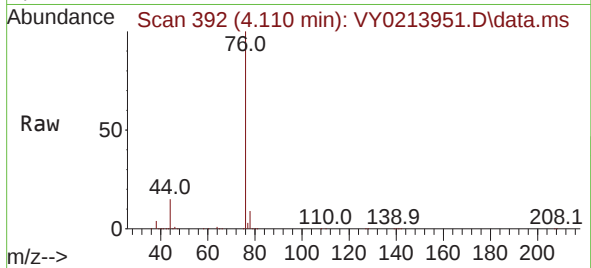




#17
Carbon Disulfide
Concen: 144.094 ug/l
RT: 4.110 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

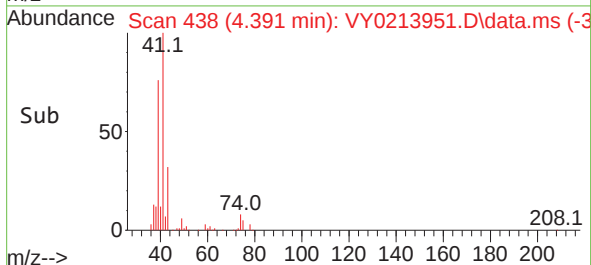
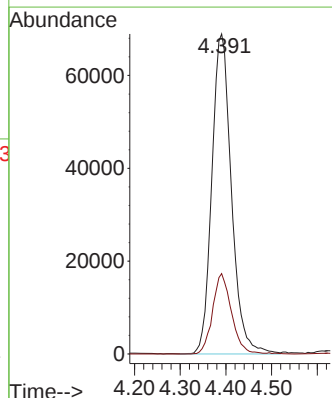
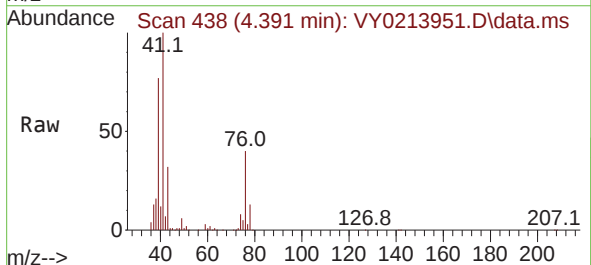
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

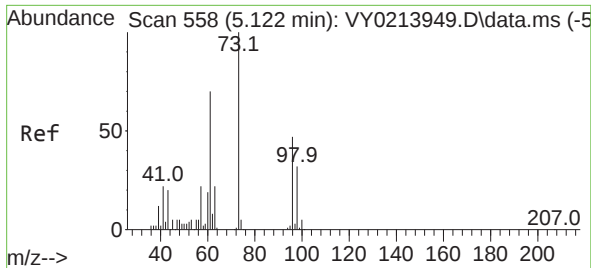
Tgt Ion: 76 Resp: 1237407
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 150.507 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 205359
Ion Ratio Lower Upper
43 100
74 24.1 19.4 29.0

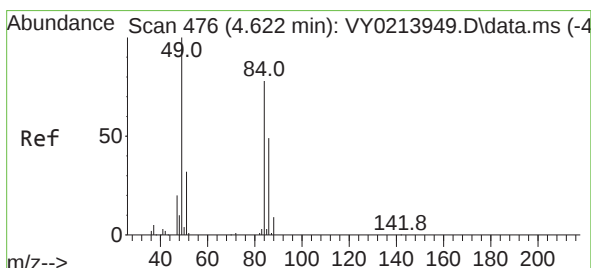
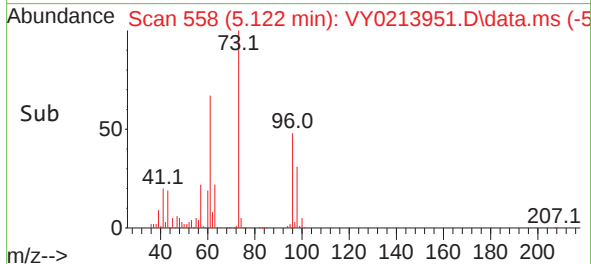
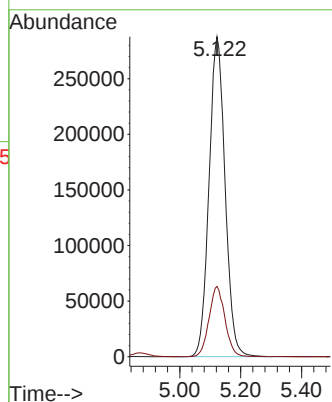
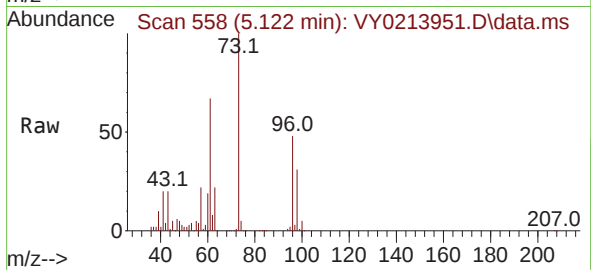




#19
Methyl tert-butyl Ether
Concen: 151.501 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

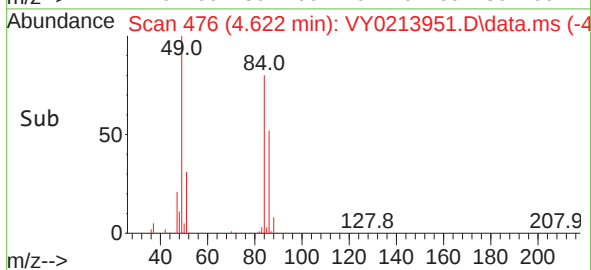
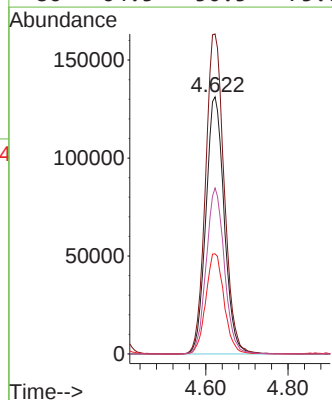
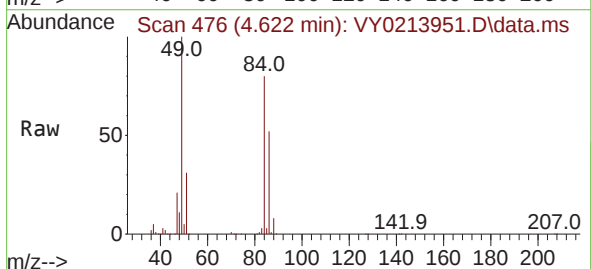
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

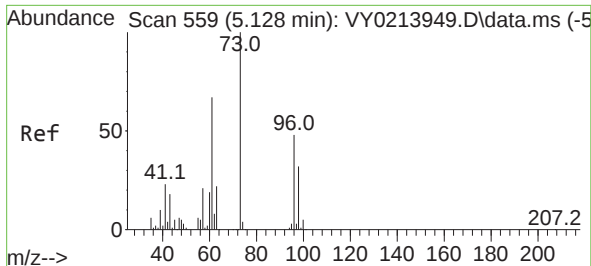
Tgt Ion: 73 Resp: 1052192
Ion Ratio Lower Upper
73 100
57 22.0 17.9 26.9



#20
Methylene Chloride
Concen: 125.603 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 84 Resp: 405442
Ion Ratio Lower Upper
84 100
49 124.4 102.0 153.0
51 38.9 33.0 49.6
86 64.5 50.5 75.7

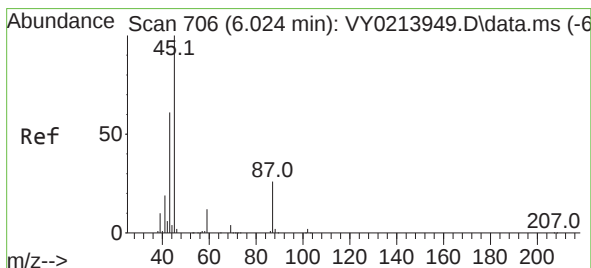
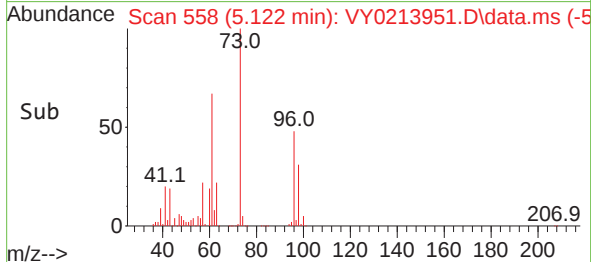
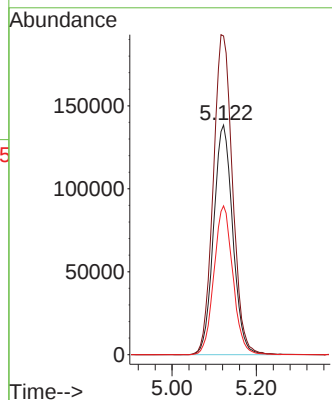
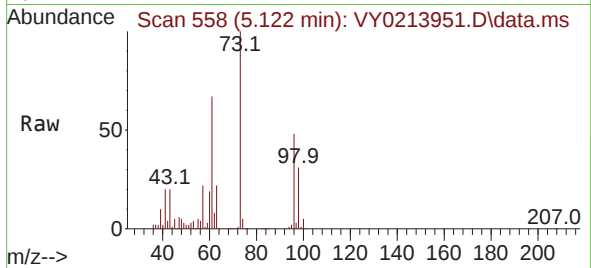




#21
trans-1,2-Dichloroethene
Concen: 142.173 ug/l
RT: 5.122 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

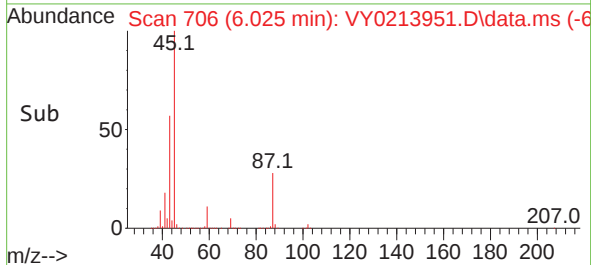
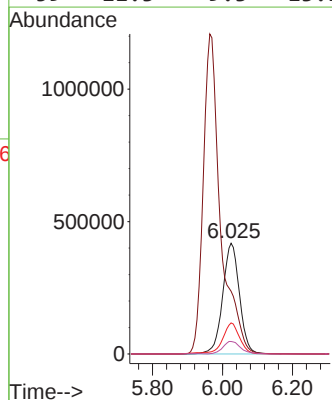
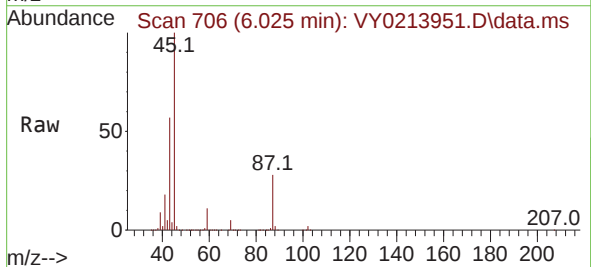
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

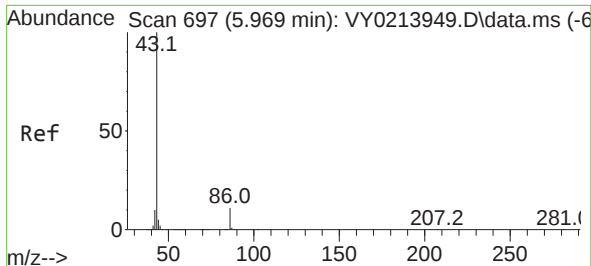
Tgt Ion: 96 Resp: 436290
Ion Ratio Lower Upper
96 100
61 138.8 111.5 167.3
98 64.8 53.8 80.8



#22
Diisopropyl ether
Concen: 145.730 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 45 Resp: 1390733
Ion Ratio Lower Upper
45 100
43 56.6 48.7 73.1
87 28.0 21.5 32.3
59 11.3 9.3 13.9

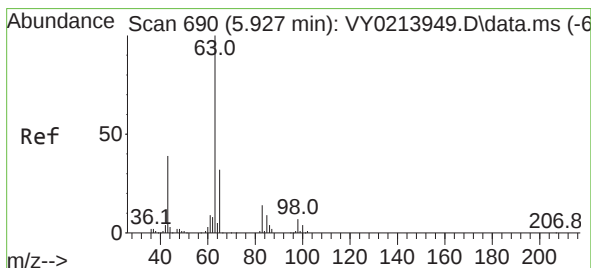
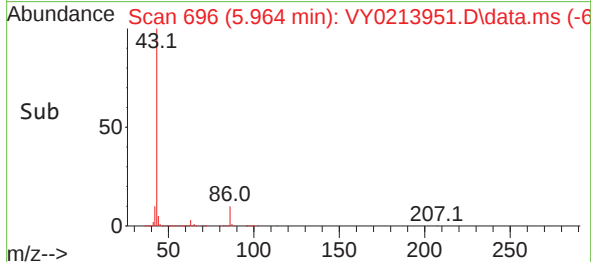
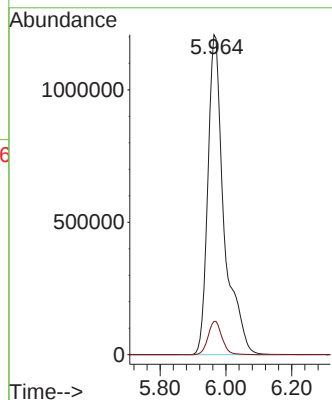
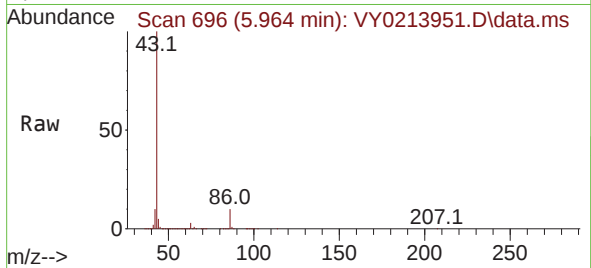




#23
 Vinyl Acetate
 Concen: 760.601 ug/l
 RT: 5.964 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

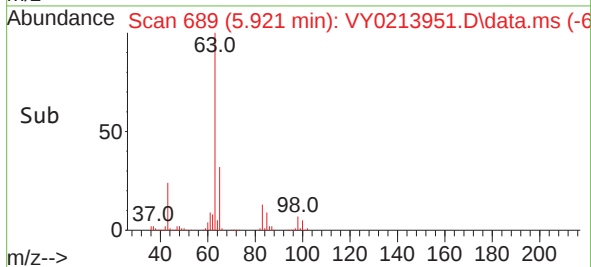
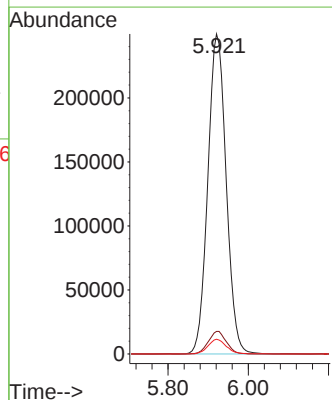
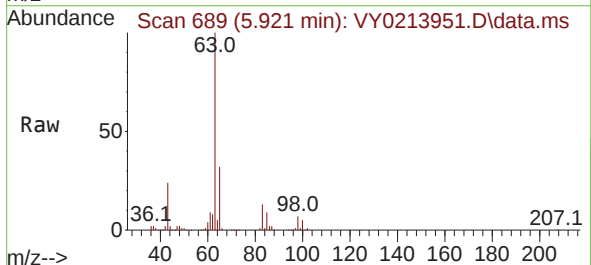
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

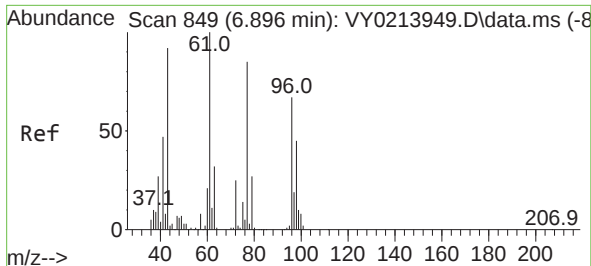
Tgt Ion: 43 Resp: 4142519
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 140.803 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion: 63 Resp: 793059
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.6 2.1 6.5

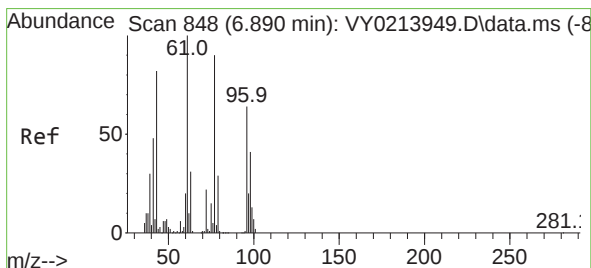
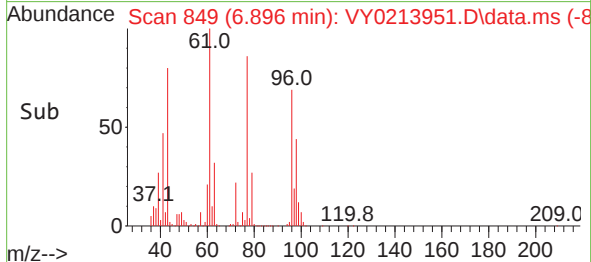
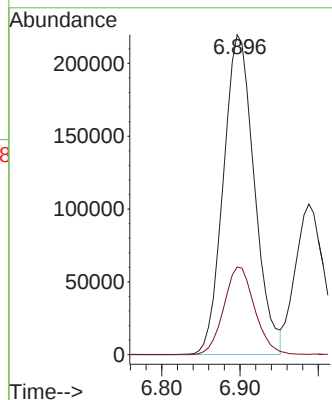
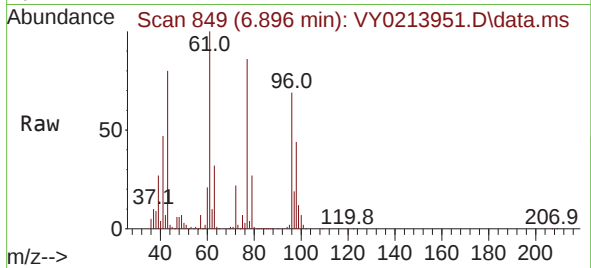




#25
2-Butanone
Concen: 710.631 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

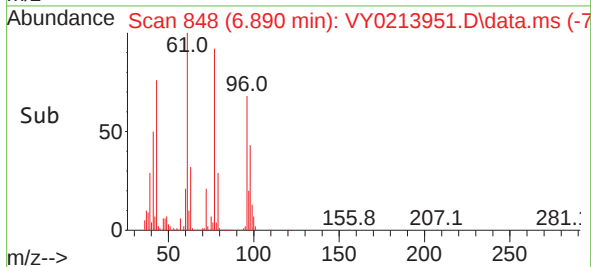
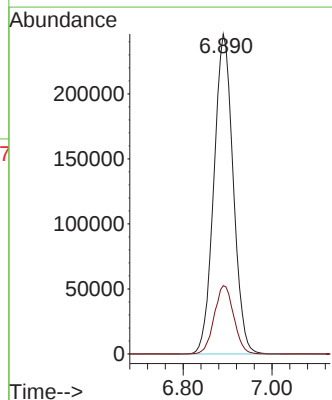
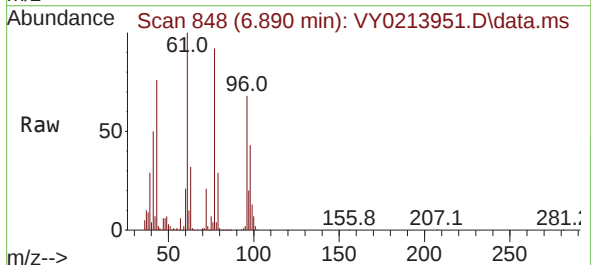
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

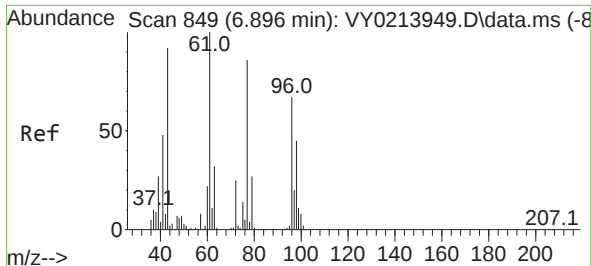
Tgt Ion: 43 Resp: 604502
Ion Ratio Lower Upper
43 100
72 27.4 21.4 32.0



#26
2,2-Dichloropropane
Concen: 142.975 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 77 Resp: 740961
Ion Ratio Lower Upper
77 100
97 21.6 11.3 33.8

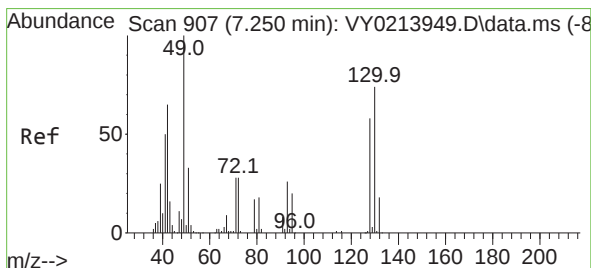
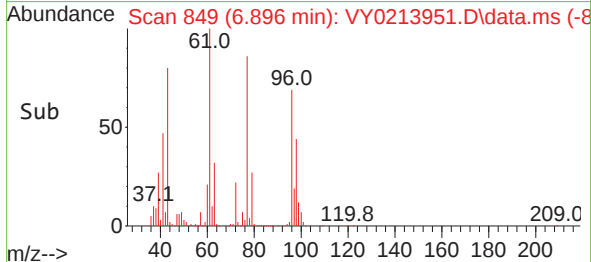
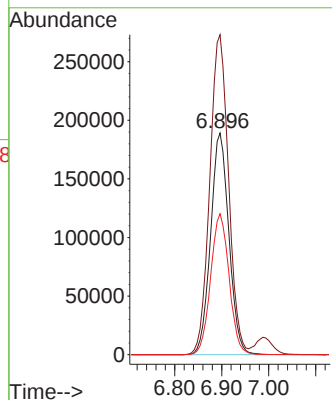
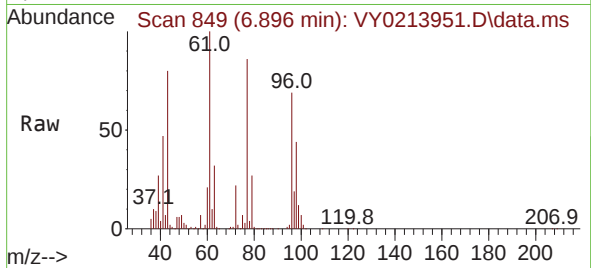




#27
 cis-1,2-Dichloroethene
 Concen: 146.639 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

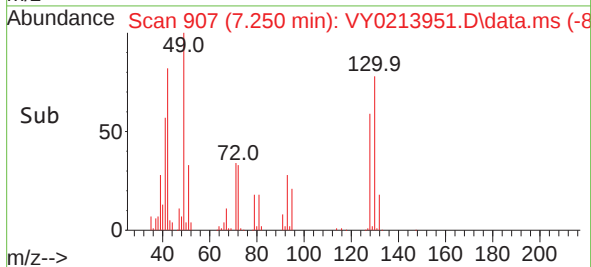
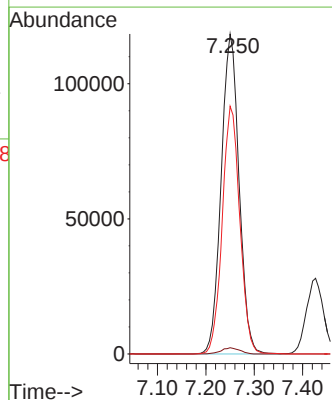
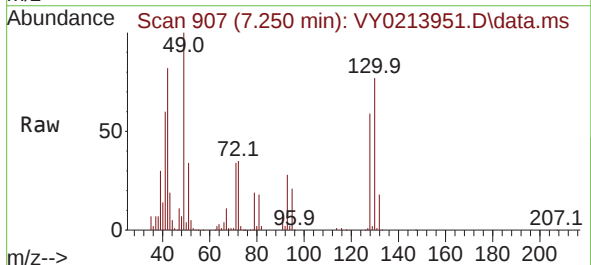
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

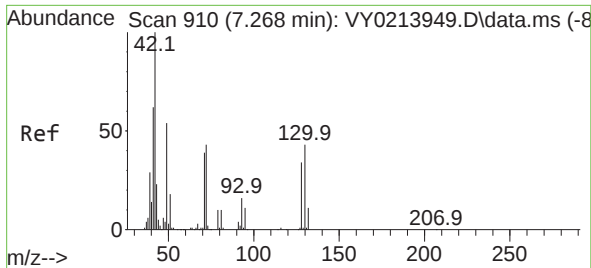
Tgt Ion: 96 Resp: 511211
 Ion Ratio Lower Upper
 96 100
 61 148.0 0.0 300.8
 98 64.2 0.0 130.0



#28
 Bromochloromethane
 Concen: 128.781 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion: 49 Resp: 304092
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 76.0 59.6 89.4





#29

Tetrahydrofuran

Concen: 746.729 ug/l

RT: 7.262 min Scan# 910

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

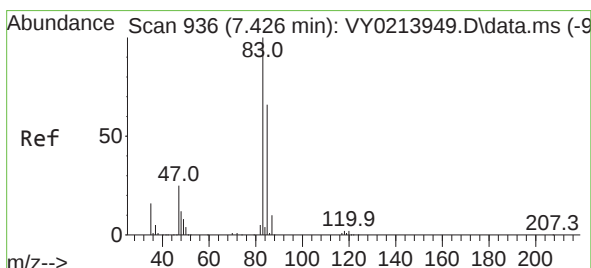
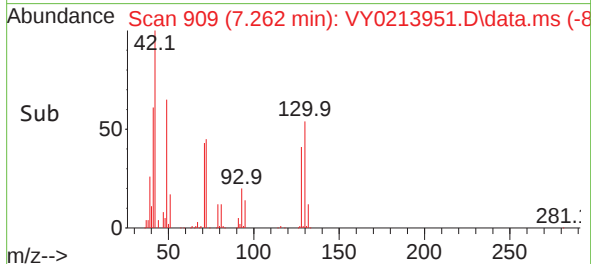
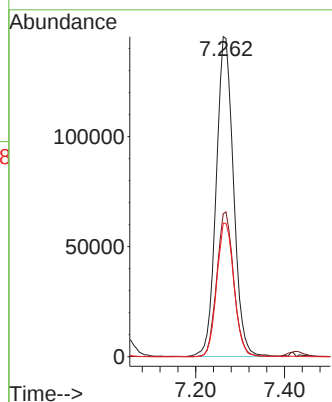
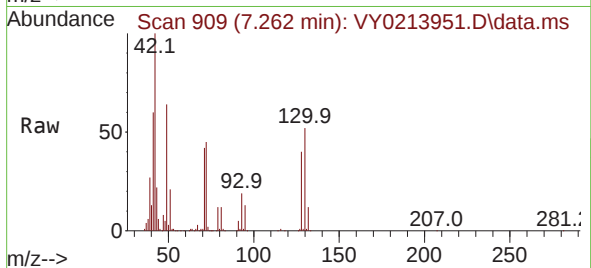
Tgt Ion: 42 Resp: 392146

Ion Ratio Lower Upper

42 100

72 44.3 34.8 52.2

71 41.6 32.6 48.8



#30

Chloroform

Concen: 140.790 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.000 min

Lab File: VY0213951.D

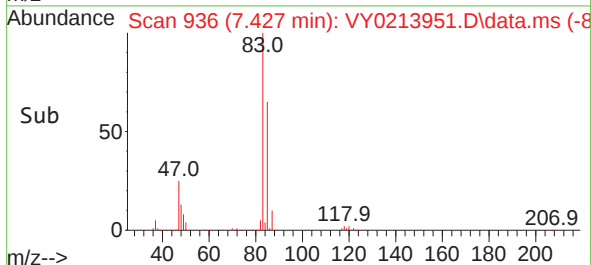
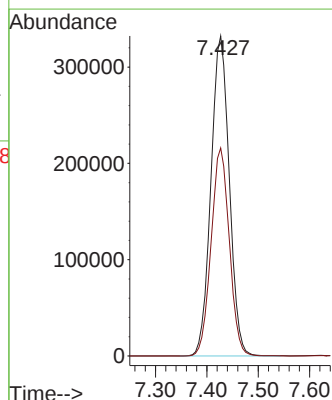
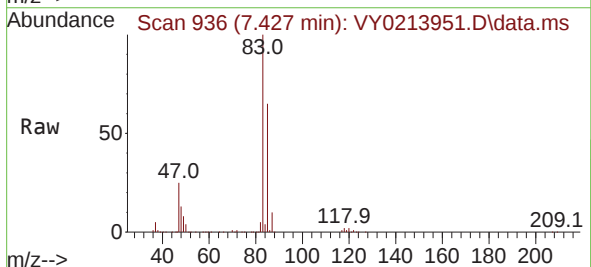
Acq: 04 Mar 2025 11:29

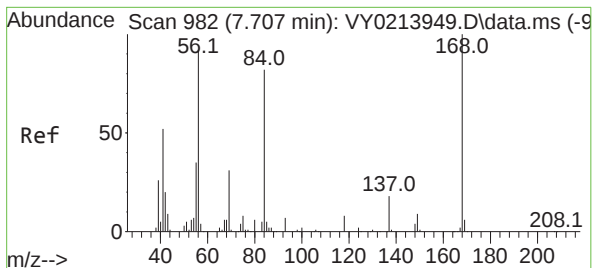
Tgt Ion: 83 Resp: 823431

Ion Ratio Lower Upper

83 100

85 65.0 53.1 79.7





#31

Cyclohexane

Concen: 138.566 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

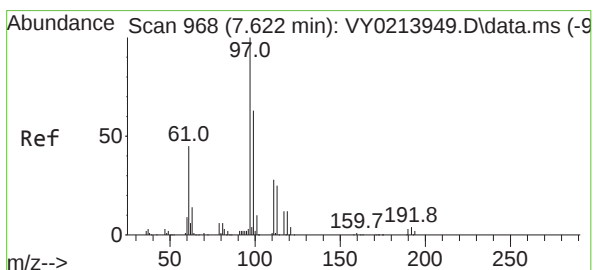
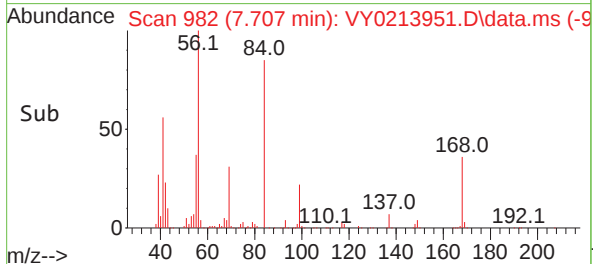
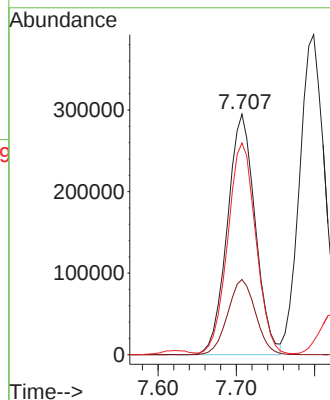
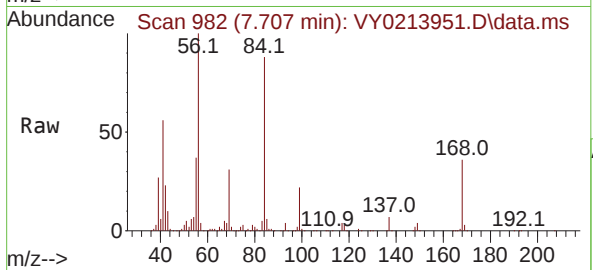
Tgt Ion: 56 Resp: 731684

Ion Ratio Lower Upper

56 100

69 31.3 27.0 40.4

84 86.5 71.1 106.7



#32

1,1,1-Trichloroethane

Concen: 142.442 ug/l

RT: 7.622 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

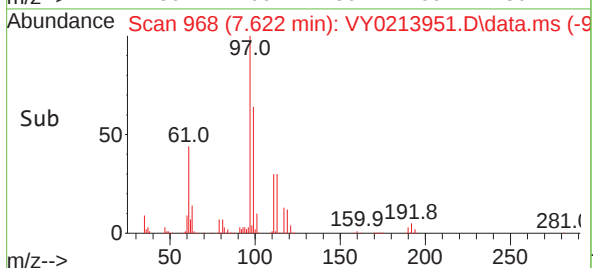
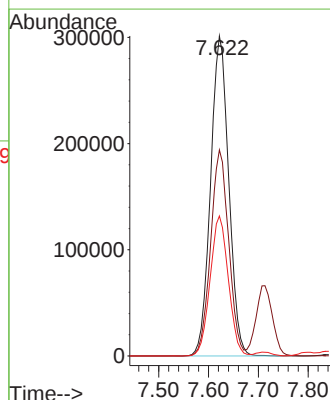
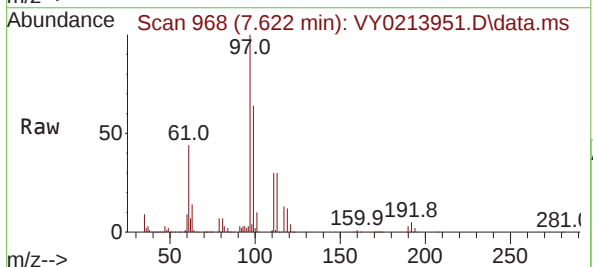
Tgt Ion: 97 Resp: 762807

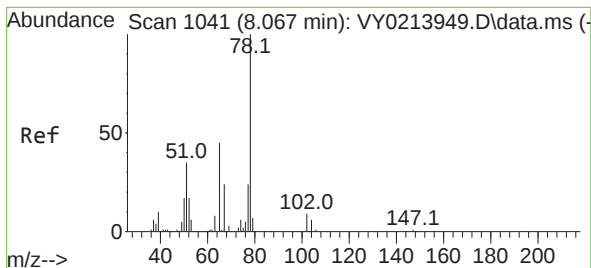
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 43.9 35.7 53.5





#33

1,2-Dichloroethane-d4

Concen: 135.494 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

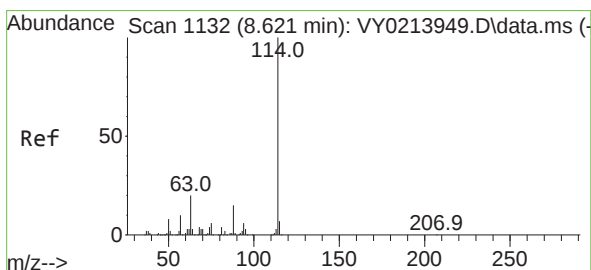
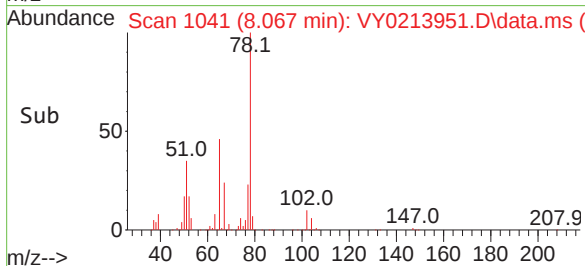
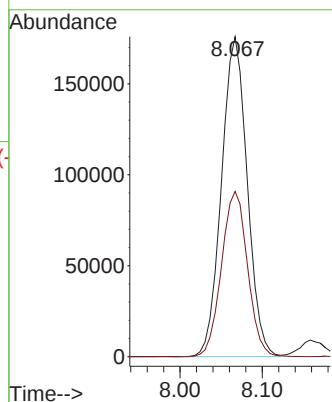
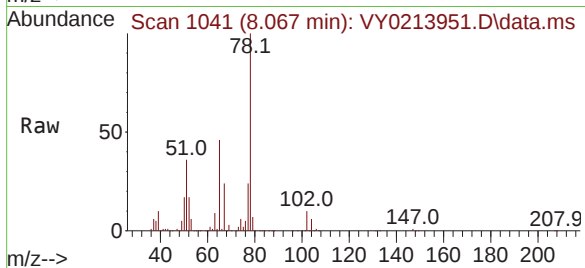
VSTDIC150

Tgt Ion: 65 Resp: 382016

Ion Ratio Lower Upper

65 100

67 52.3 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

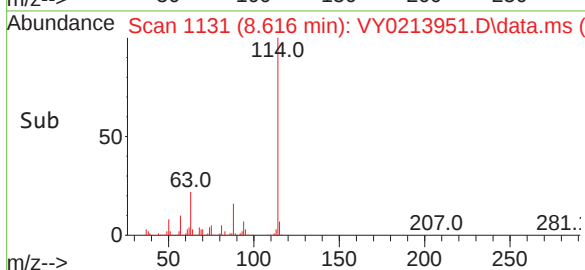
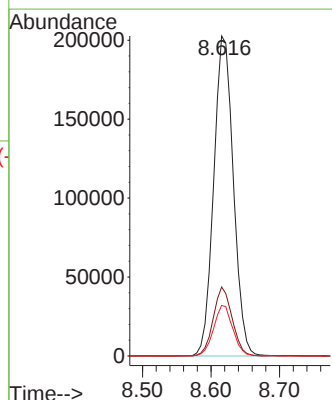
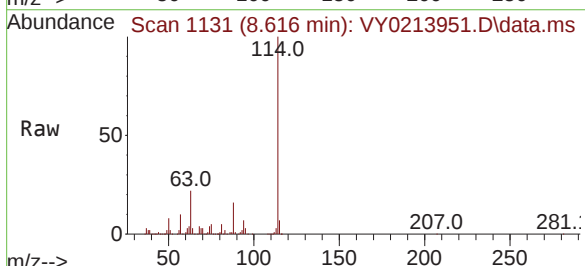
Tgt Ion: 114 Resp: 403017

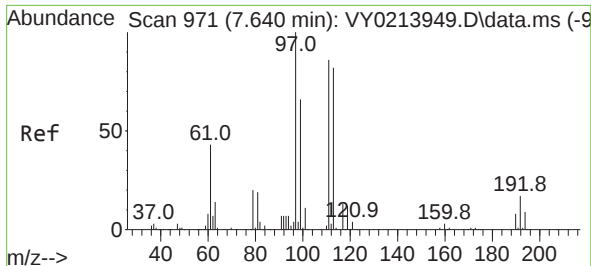
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.8

88 15.8 0.0 30.8

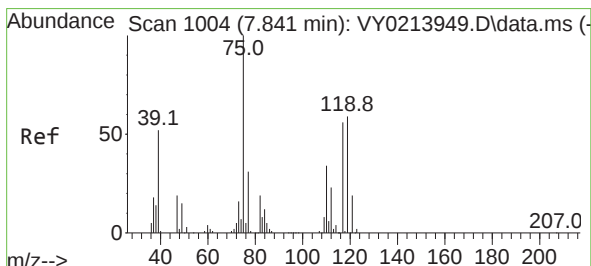
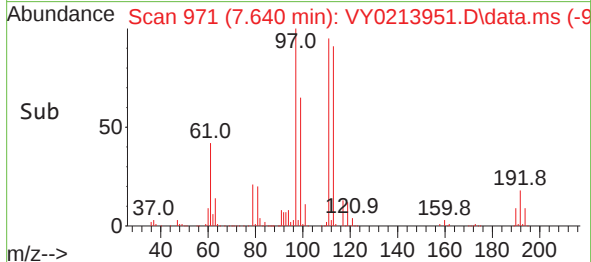
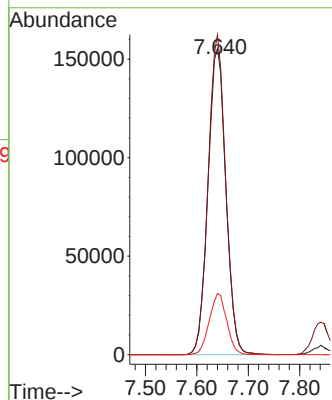
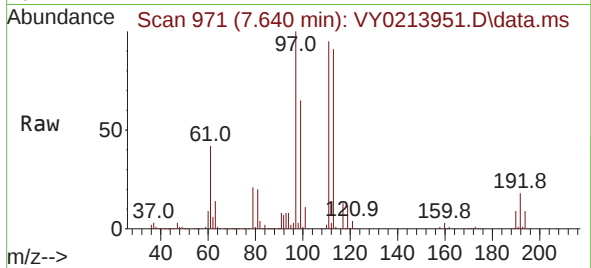




#35
Dibromofluoromethane
Concen: 142.080 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

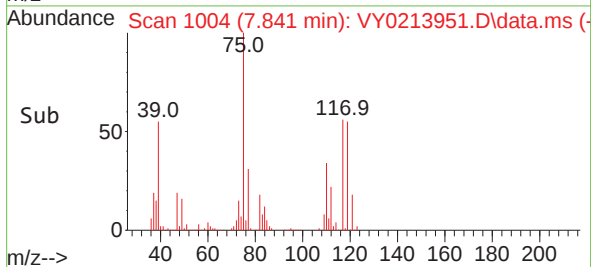
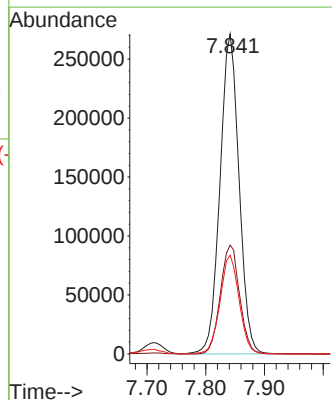
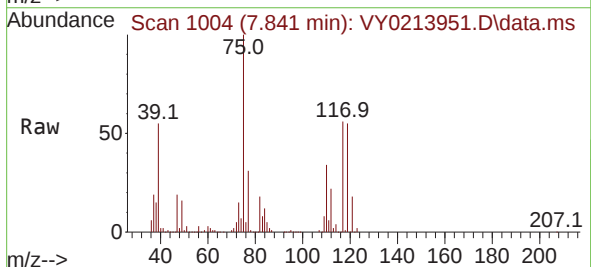
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

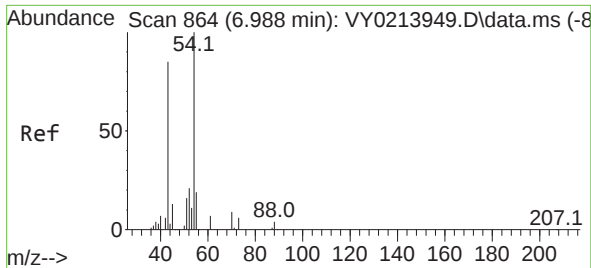
Tgt Ion:113 Resp: 376382
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 19.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 147.009 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 609596
Ion Ratio Lower Upper
75 100
110 34.5 17.3 51.7
77 31.1 25.4 38.2

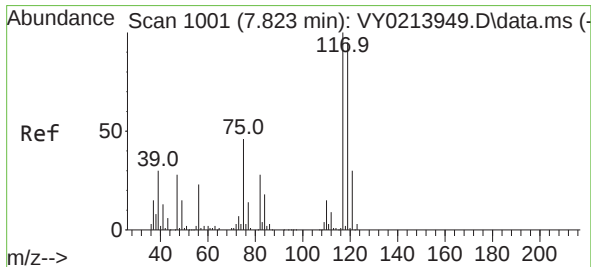
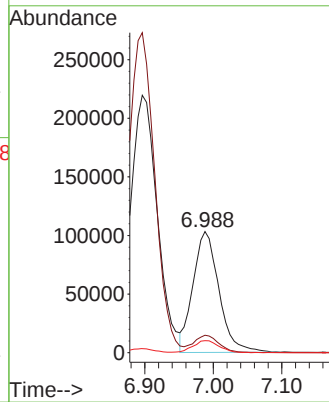
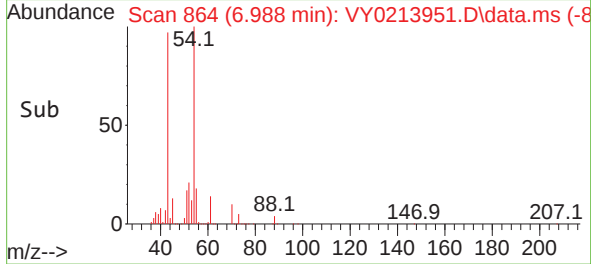
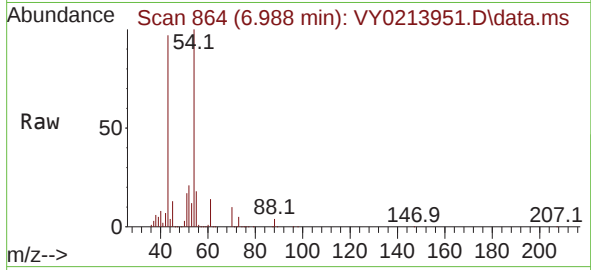




#37
Ethyl Acetate
Concen: 145.189 ug/l
RT: 6.988 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

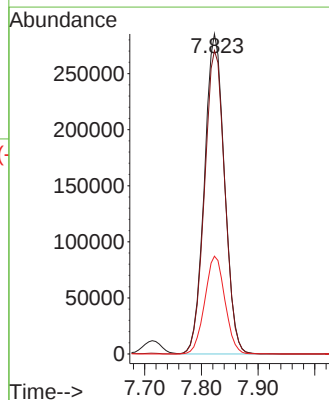
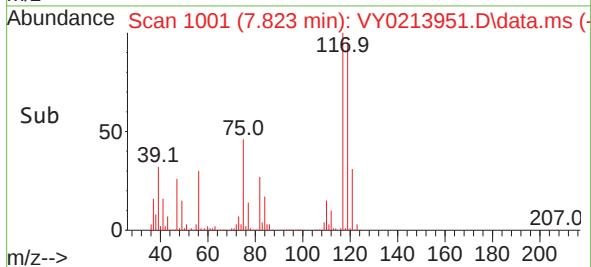
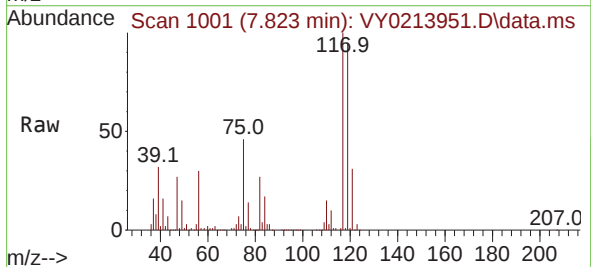
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

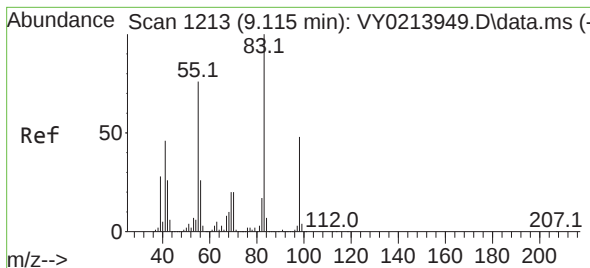
Tgt Ion: 43 Resp: 271579
Ion Ratio Lower Upper
43 100
61 13.8 11.4 17.0
70 10.1 8.2 12.2



#38
Carbon Tetrachloride
Concen: 146.916 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 117 Resp: 700638
Ion Ratio Lower Upper
117 100
119 94.8 75.8 113.8
121 30.6 23.9 35.9





#39

Methylcyclohexane

Concen: 158.954 ug/l

RT: 9.109 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

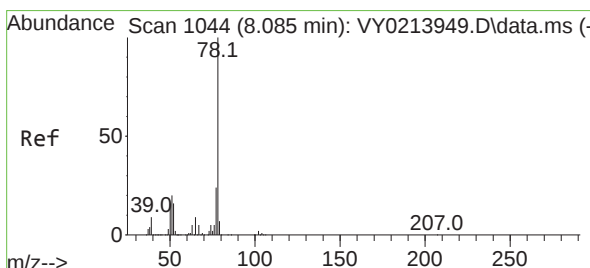
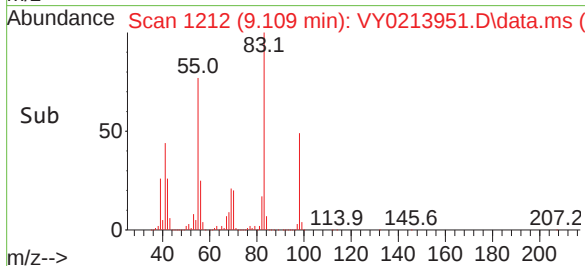
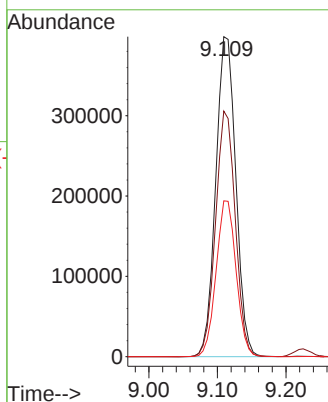
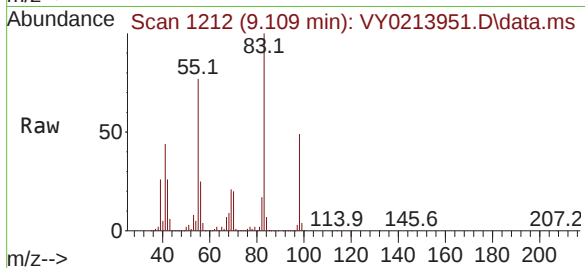
Tgt Ion: 83 Resp: 808497

Ion Ratio Lower Upper

83 100

55 76.7 60.7 91.1

98 48.7 38.6 57.8



#40

Benzene

Concen: 145.818 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY0213951.D

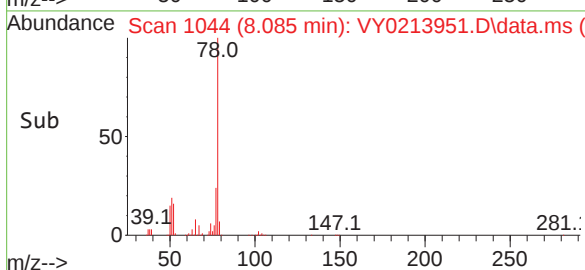
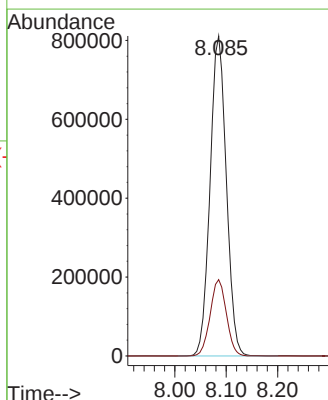
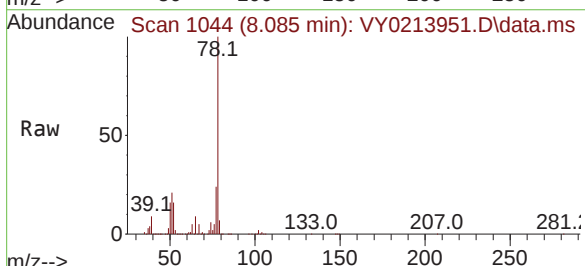
Acq: 04 Mar 2025 11:29

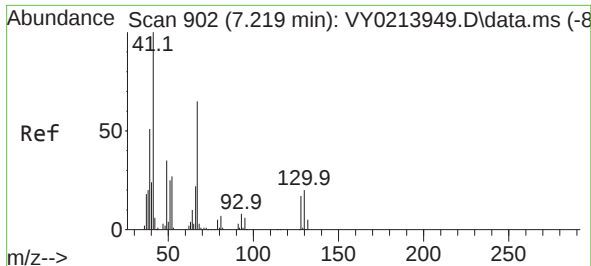
Tgt Ion: 78 Resp: 1781188

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

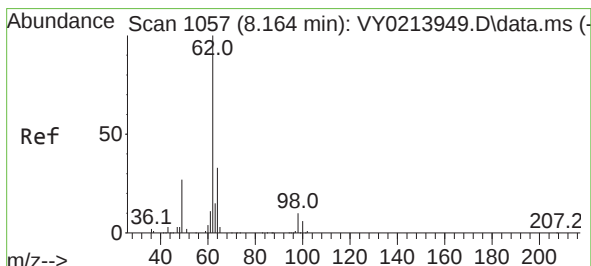
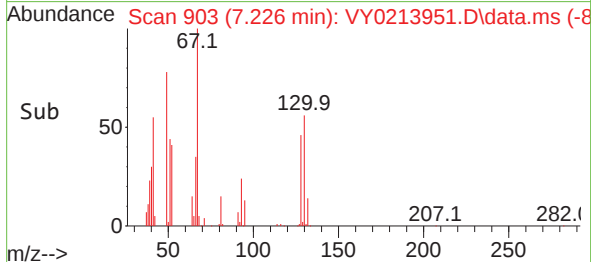
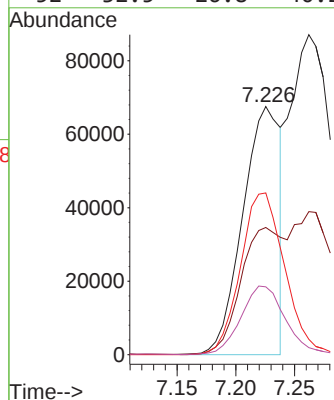
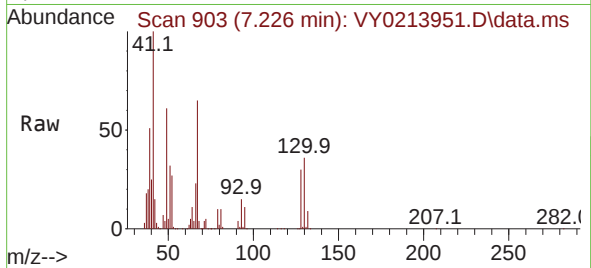




#41
Methacrylonitrile
Concen: 147.676 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

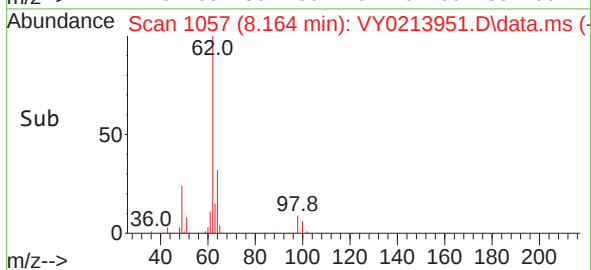
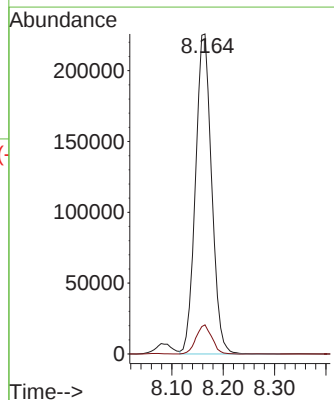
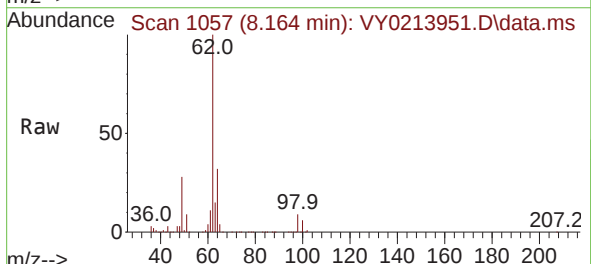
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

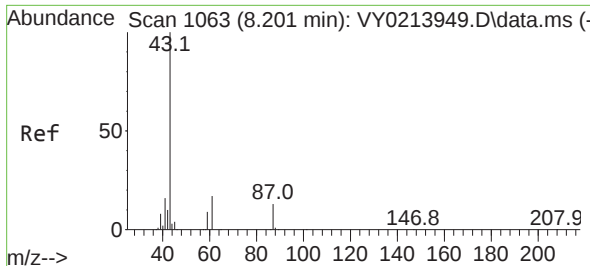
Tgt Ion:	41	Resp:	150455
Ion	Ratio	Lower	Upper
41	100		
39	61.1	35.0	52.6#
67	76.9	61.2	91.8
52	32.5	26.8	40.2



#42
1,2-Dichloroethane
Concen: 144.299 ug/l
RT: 8.164 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:	62	Resp:	493103
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2

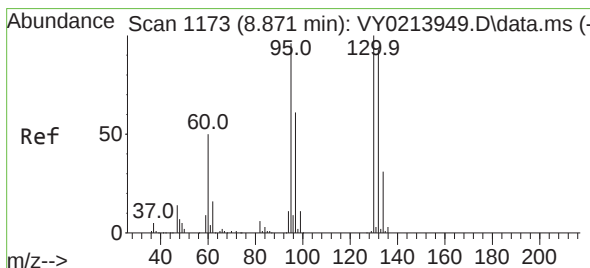
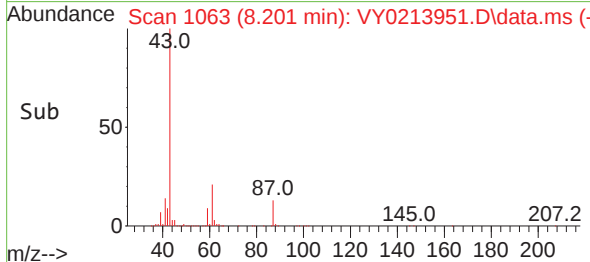
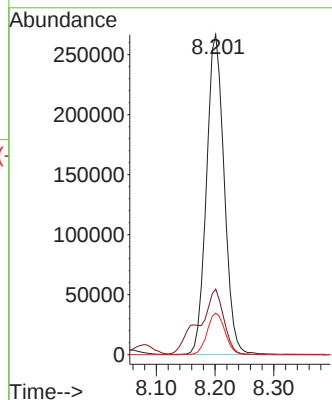
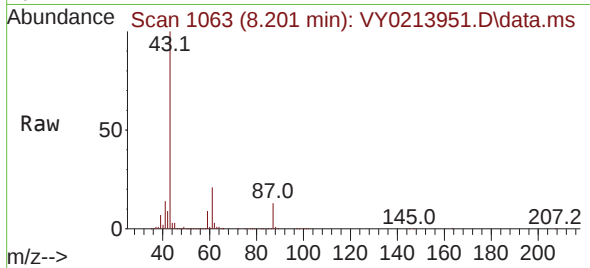




#43
Isopropyl Acetate
Concen: 156.557 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

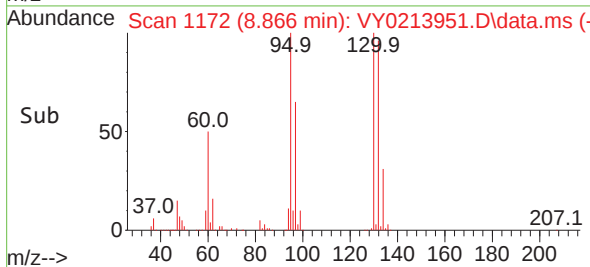
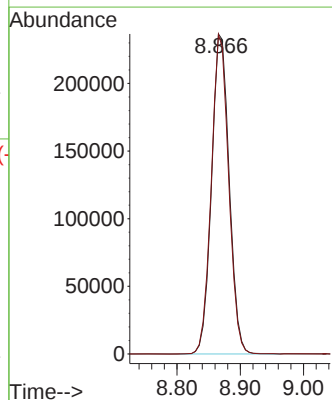
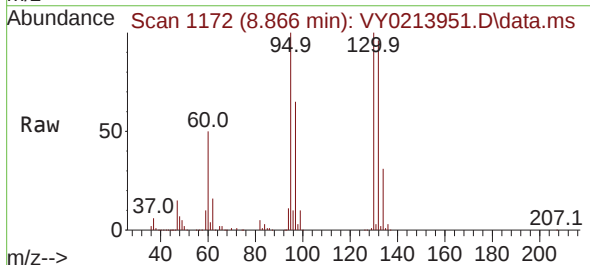
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

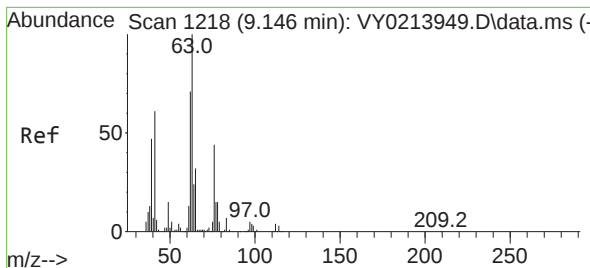
Tgt Ion: 43 Resp: 557010
Ion Ratio Lower Upper
43 100
61 28.8 23.4 35.0
87 13.2 10.5 15.7



#44
Trichloroethene
Concen: 148.000 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:130 Resp: 456841
Ion Ratio Lower Upper
130 100
95 99.9 0.0 191.6





#45

1,2-Dichloropropane

Concen: 144.273 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

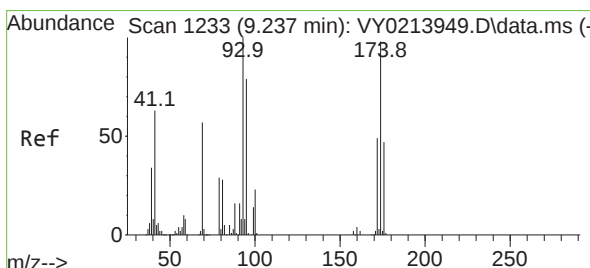
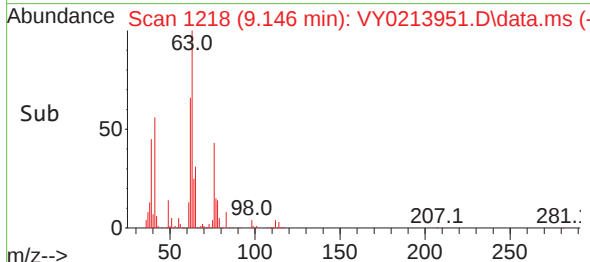
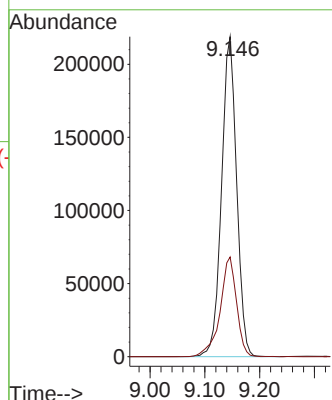
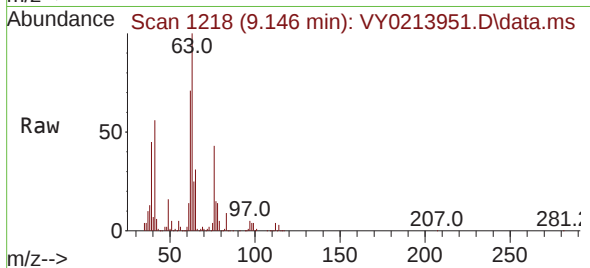
VSTDIC150

Tgt Ion: 63 Resp: 419433

Ion Ratio Lower Upper

63 100

65 31.1 26.0 39.0



#46

Dibromomethane

Concen: 148.107 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

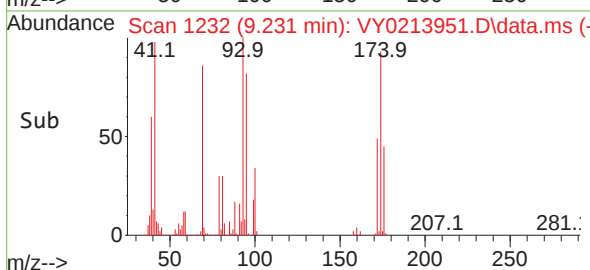
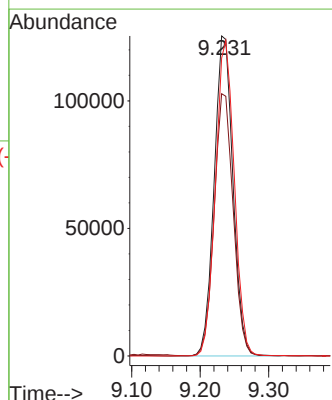
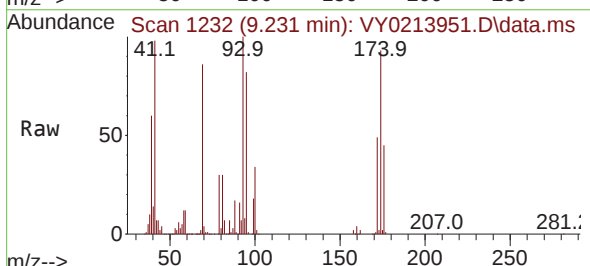
Tgt Ion: 93 Resp: 239577

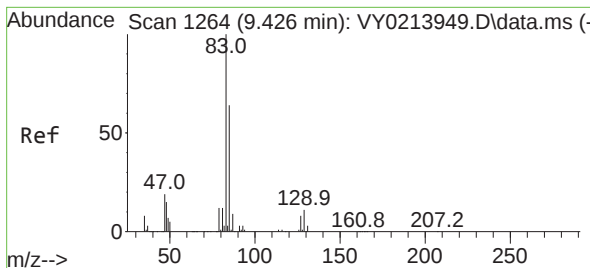
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 98.4 77.9 116.9





#47

Bromodichloromethane

Concen: 146.641 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

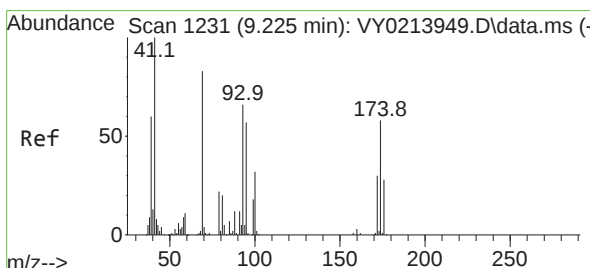
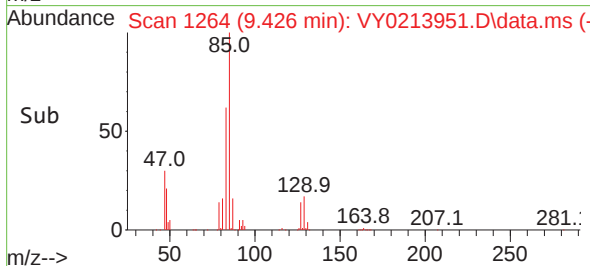
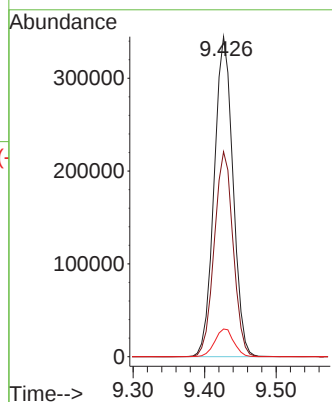
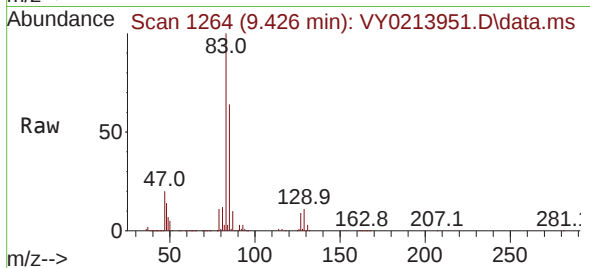
Tgt Ion: 83 Resp: 629944

Ion Ratio Lower Upper

83 100

85 64.1 51.1 76.7

127 8.6 6.7 10.1



#48

Methyl methacrylate

Concen: 162.482 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

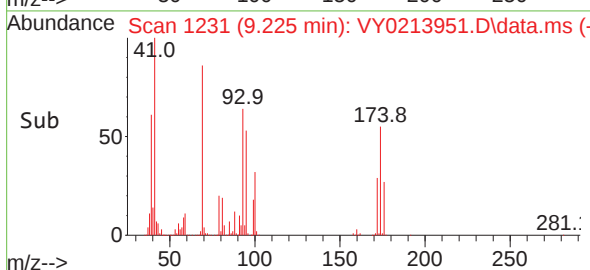
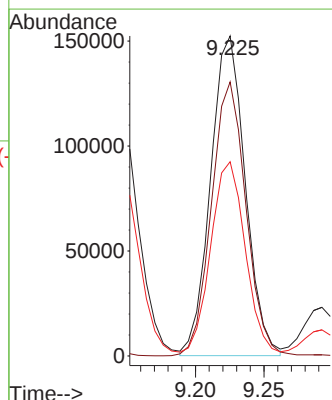
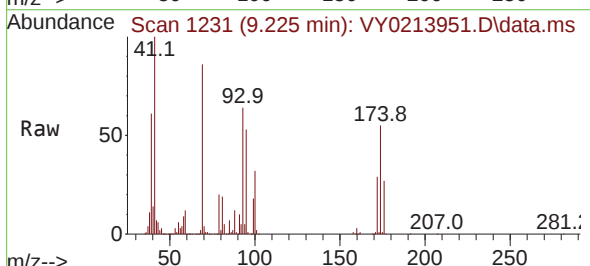
Tgt Ion: 41 Resp: 268043

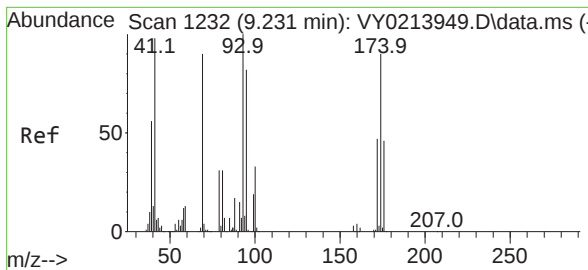
Ion Ratio Lower Upper

41 100

69 85.6 67.8 101.8

39 58.7 46.4 69.6

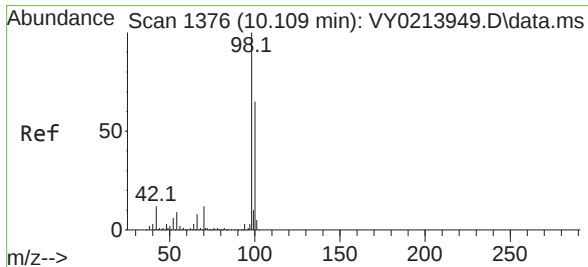
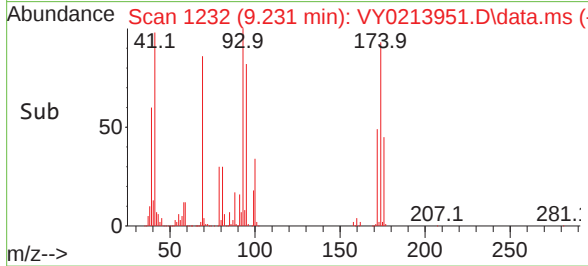
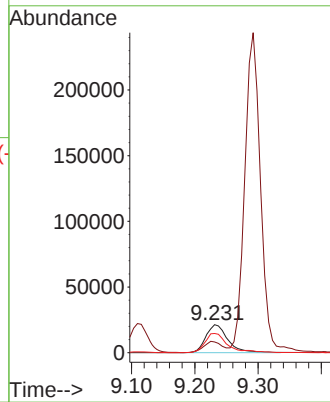
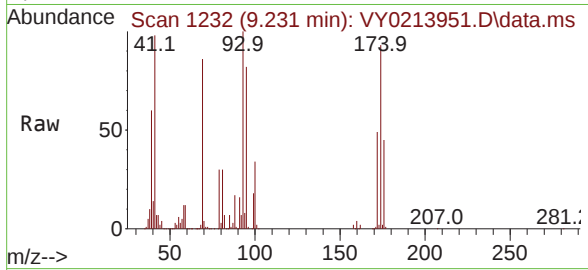




#49
1,4-Dioxane
Concen: 3238.027 ug/l
RT: 9.231 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

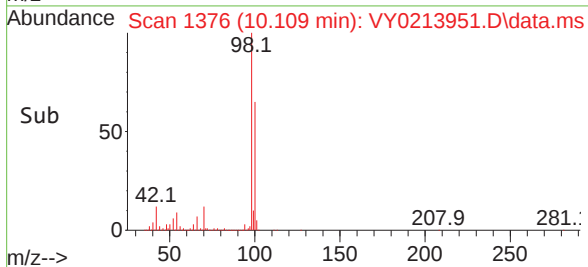
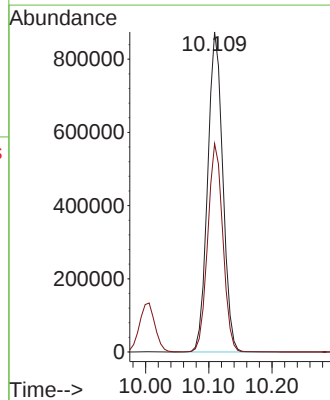
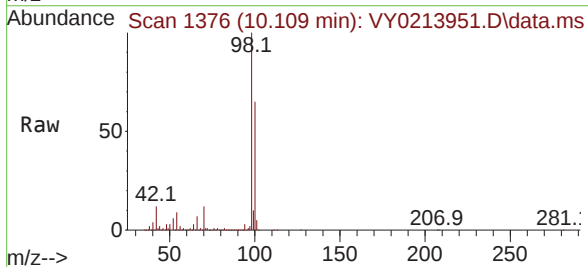
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

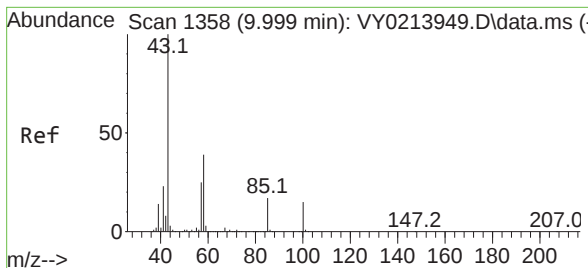
Tgt Ion: 88 Resp: 51411
Ion Ratio Lower Upper
88 100
43 33.1 25.0 37.4
58 71.8 58.4 87.6



#50
Toluene-d8
Concen: 144.978 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 98 Resp: 1454175
Ion Ratio Lower Upper
98 100
100 64.9 52.1 78.1

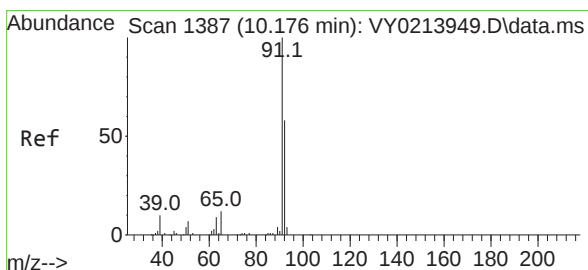
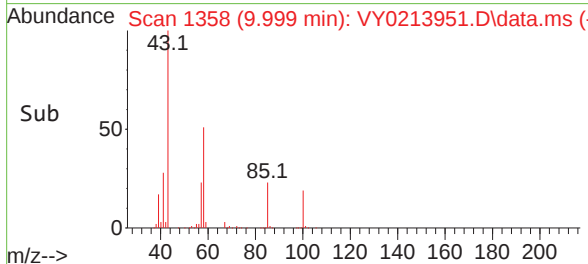
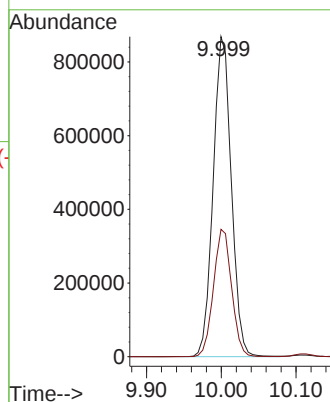
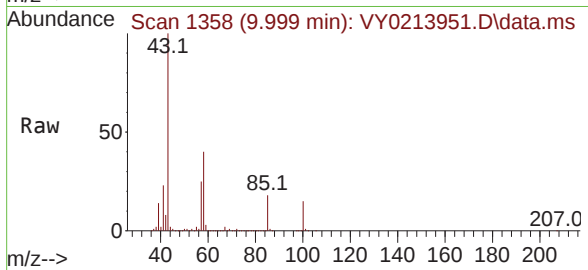




#51
4-Methyl-2-Pentanone
Concen: 800.119 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

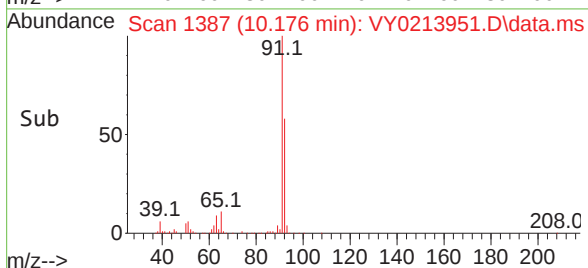
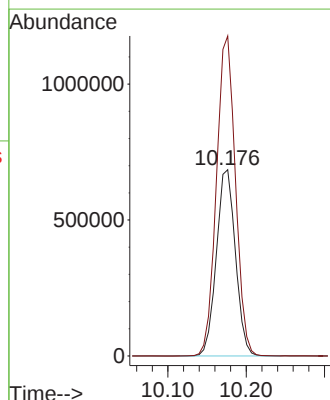
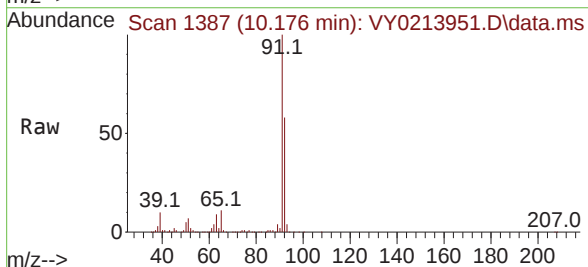
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

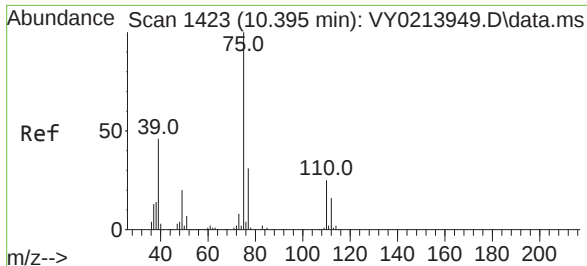
Tgt Ion: 43 Resp: 1468813
Ion Ratio Lower Upper
43 100
58 39.8 31.4 47.2



#52
Toluene
Concen: 150.411 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 92 Resp: 1158338
Ion Ratio Lower Upper
92 100
91 171.2 138.2 207.2





#53

t-1,3-Dichloropropene

Concen: 158.120 ug/l

RT: 10.396 min Scan# 1423

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

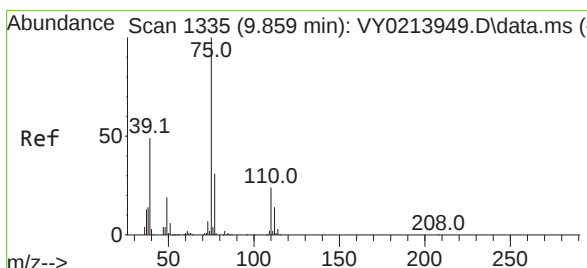
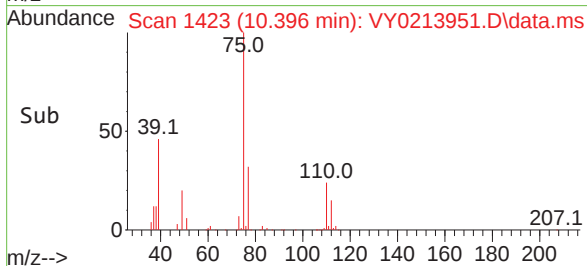
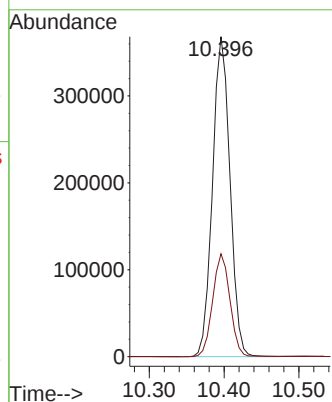
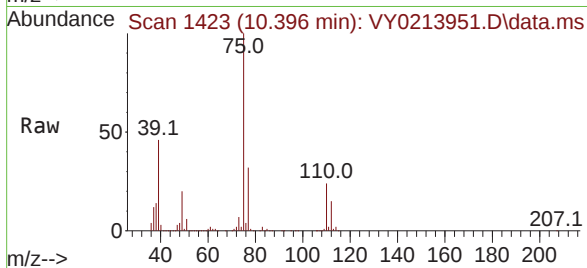
VSTDIC150

Tgt Ion: 75 Resp: 598438

Ion Ratio Lower Upper

75 100

77 32.1 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 152.359 ug/l

RT: 9.859 min Scan# 1335

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

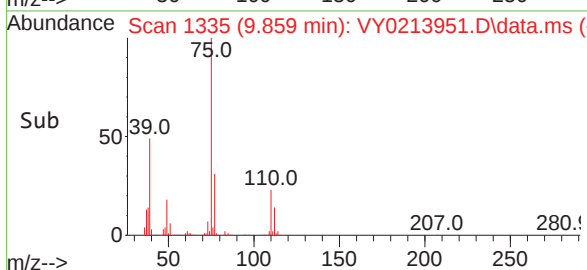
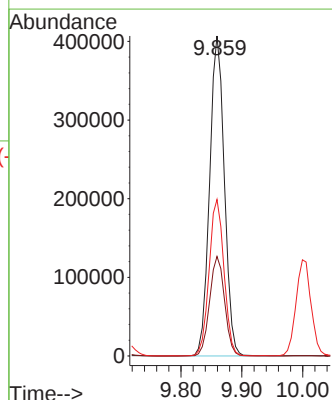
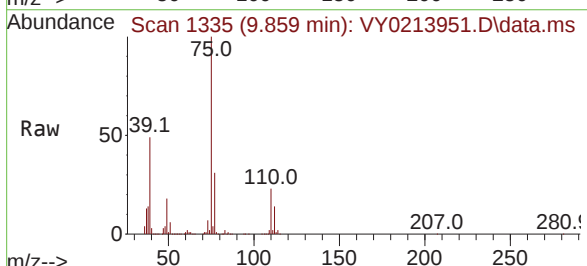
Tgt Ion: 75 Resp: 684617

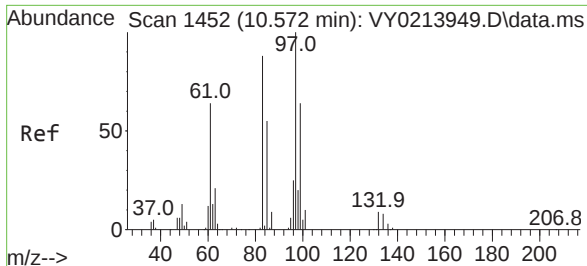
Ion Ratio Lower Upper

75 100

77 31.1 24.6 37.0

39 48.9 39.4 59.2



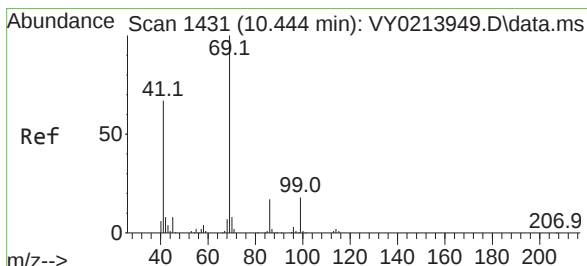
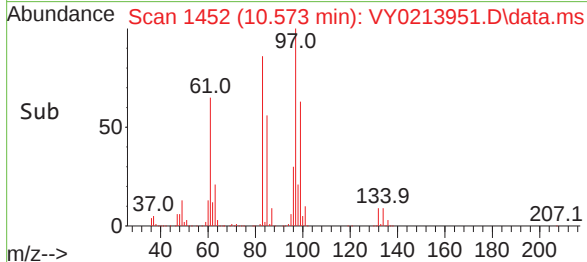
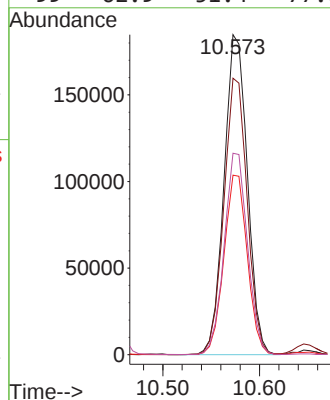
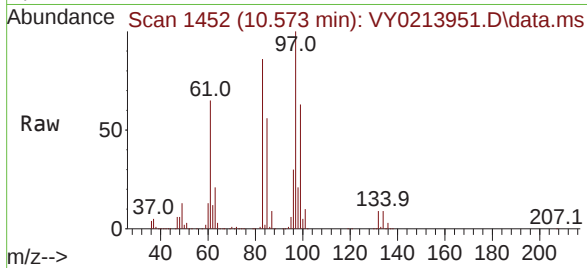


#55
1,1,2-Trichloroethane
Concen: 146.586 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion: 97 Resp: 310174

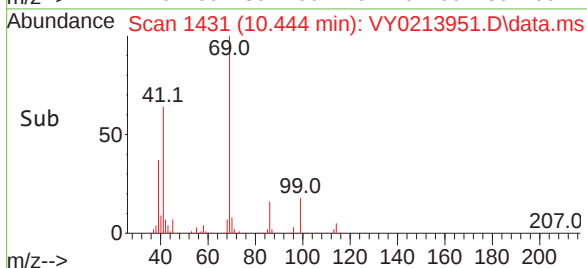
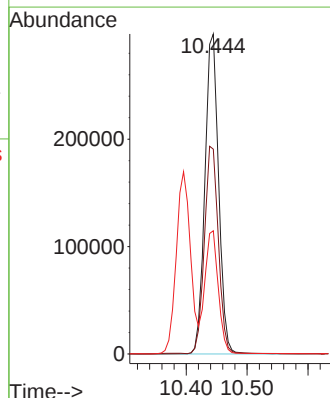
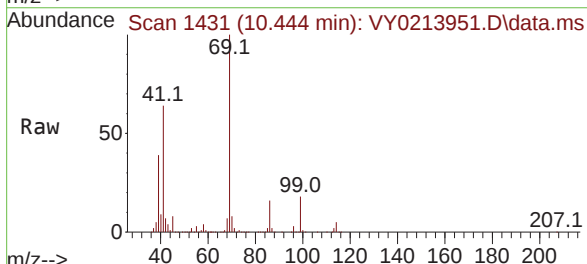
Ion	Ratio	Lower	Upper
97	100		
83	86.4	70.0	105.0
85	56.1	44.3	66.5
99	62.9	51.4	77.0

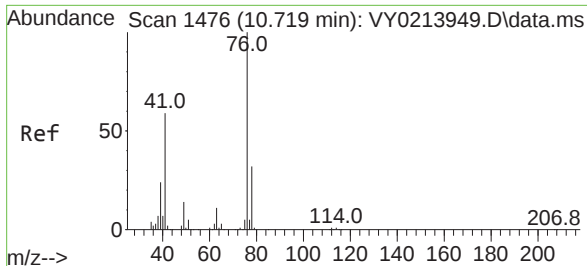


#56
Ethyl methacrylate
Concen: 172.939 ug/l
RT: 10.444 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 69 Resp: 466697

Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.3	79.9
39	37.5	31.0	46.6





#57

1,3-Dichloropropane

Concen: 148.802 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

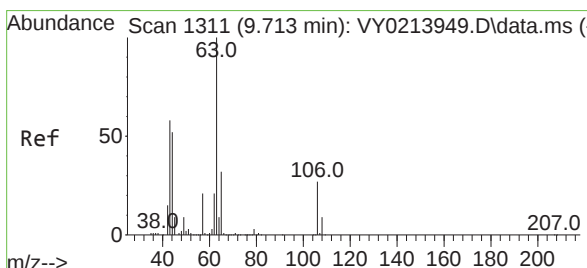
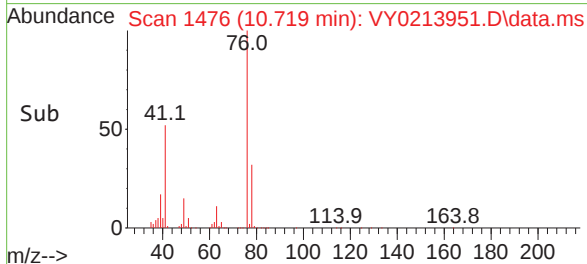
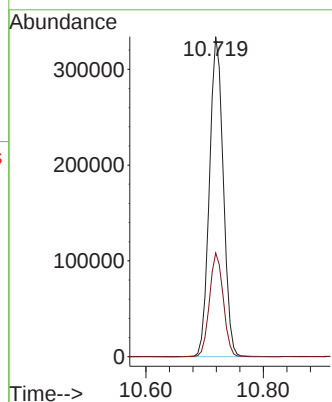
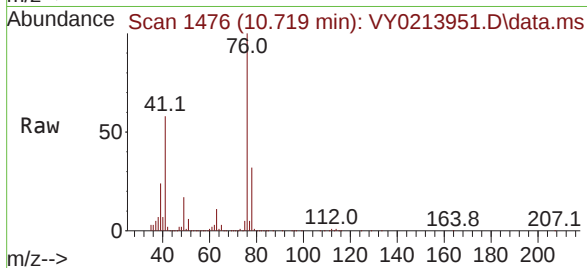
VSTDIC150

Tgt Ion: 76 Resp: 545711

Ion Ratio Lower Upper

76 100

78 32.3 26.3 39.5



#58

2-Chloroethyl Vinyl ether

Concen: 878.264 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY0213951.D

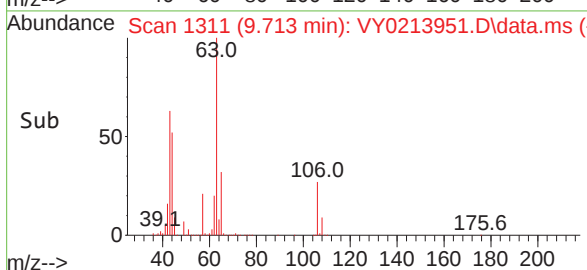
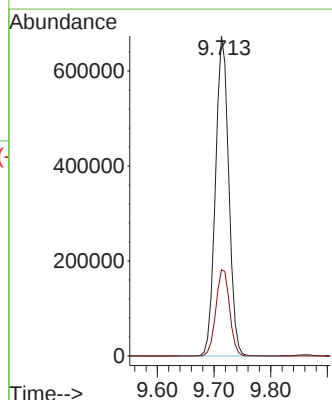
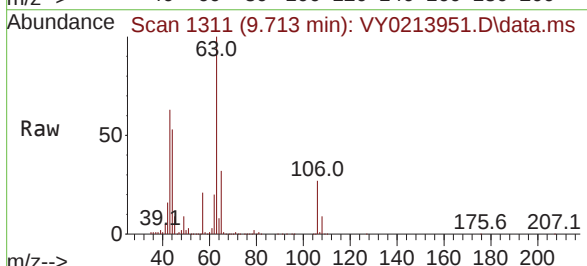
Acq: 04 Mar 2025 11:29

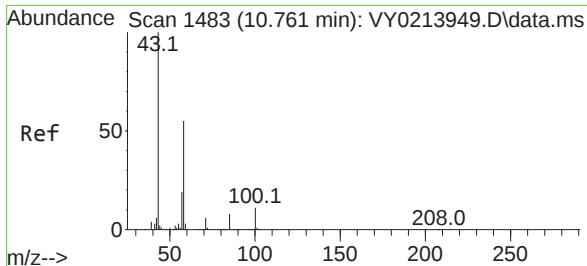
Tgt Ion: 63 Resp: 1094099

Ion Ratio Lower Upper

63 100

106 27.9 22.1 33.1





#59

2-Hexanone

Concen: 810.617 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

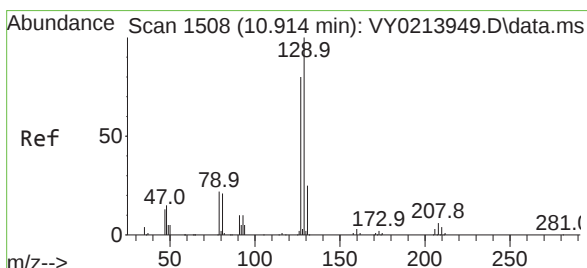
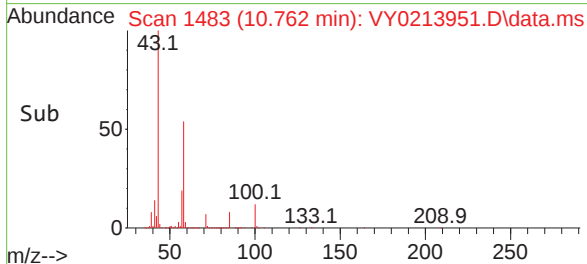
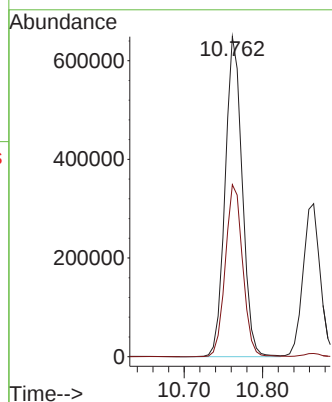
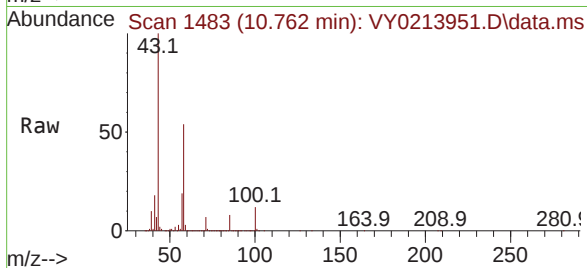
VSTDIC150

Tgt Ion: 43 Resp: 983959

Ion Ratio Lower Upper

43 100

58 54.6 27.3 81.8



#60

Dibromochloromethane

Concen: 150.595 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY0213951.D

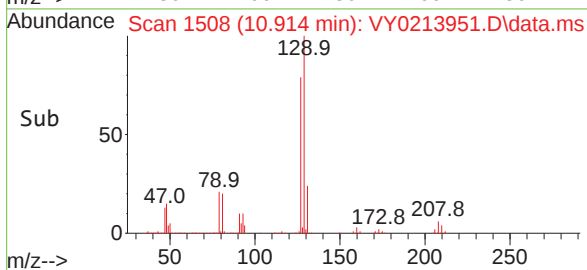
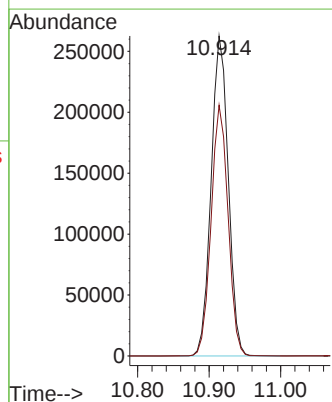
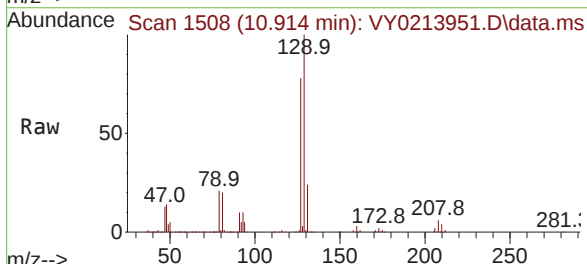
Acq: 04 Mar 2025 11:29

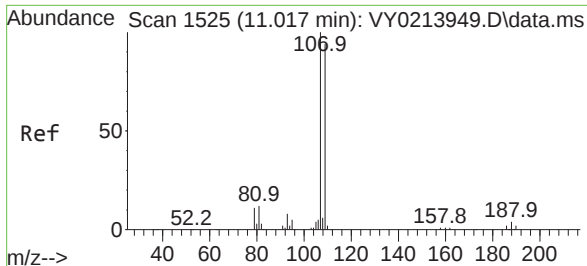
Tgt Ion: 129 Resp: 436855

Ion Ratio Lower Upper

129 100

127 77.5 39.1 117.3

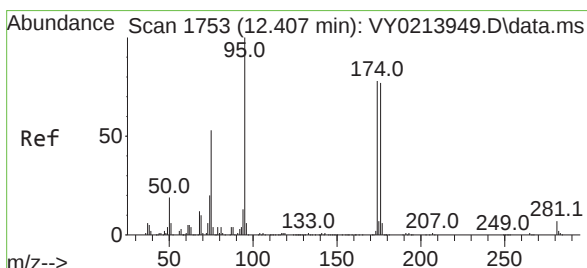
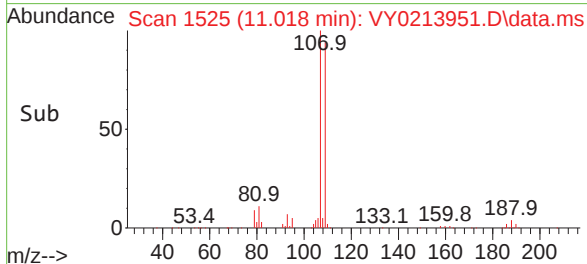
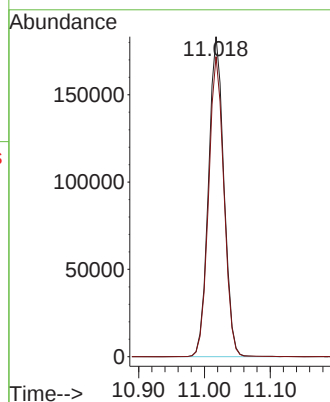
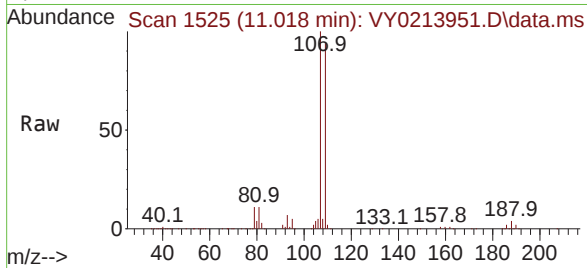




#61
1,2-Dibromoethane
Concen: 149.635 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

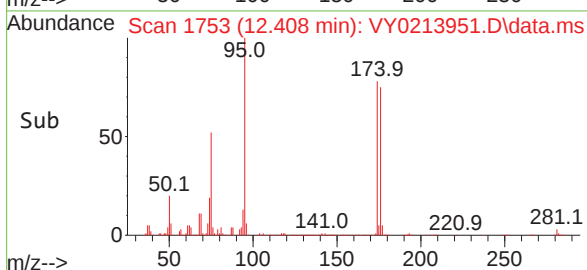
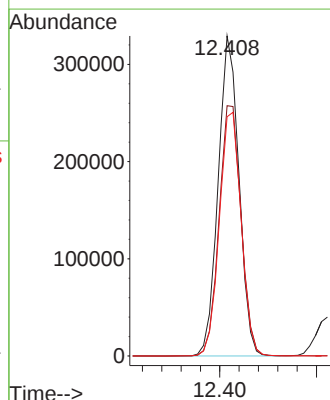
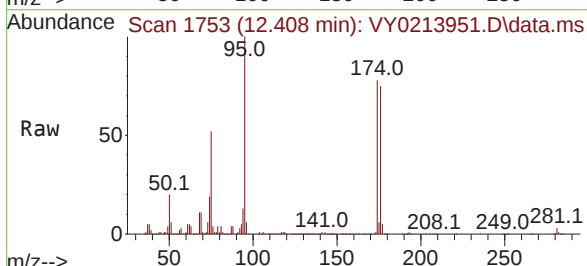
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

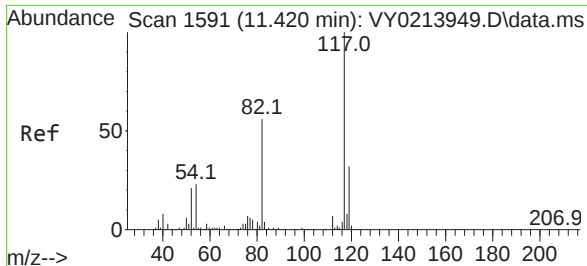
Tgt Ion:107 Resp: 298827
Ion Ratio Lower Upper
107 100
109 93.3 75.8 113.8



#62
4-Bromofluorobenzene
Concen: 143.450 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 95 Resp: 489437
Ion Ratio Lower Upper
95 100
174 82.7 0.0 165.0
176 79.9 0.0 160.0

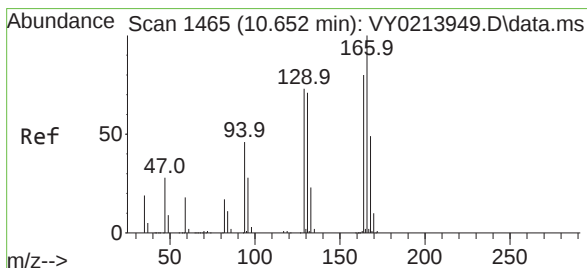
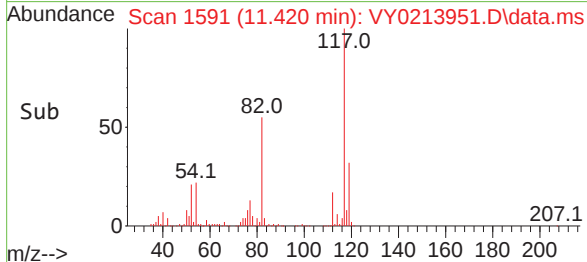
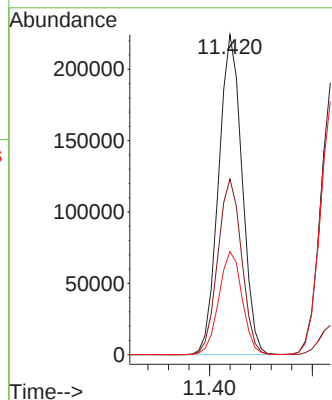
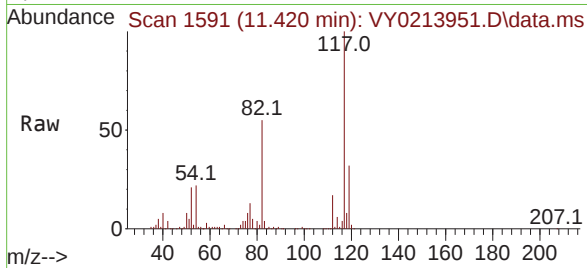




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

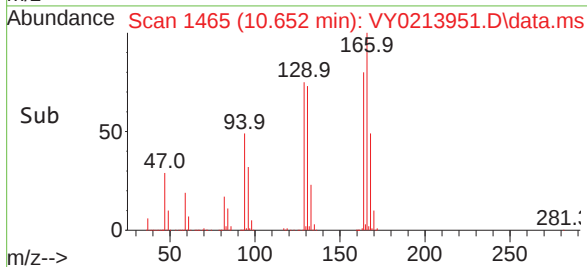
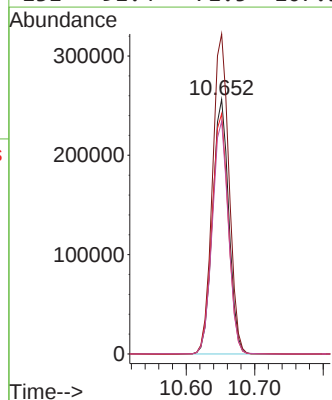
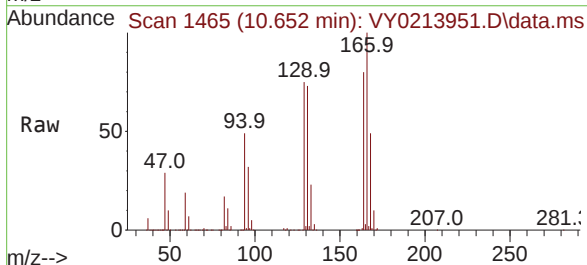
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

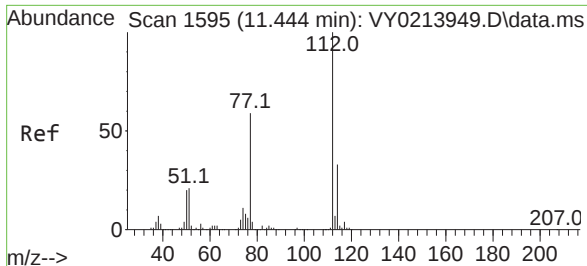
Tgt Ion:117 Resp: 355825
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 144.847 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:164 Resp: 419107
Ion Ratio Lower Upper
164 100
166 125.7 100.4 150.6
129 94.4 73.8 110.8
131 91.4 71.5 107.3

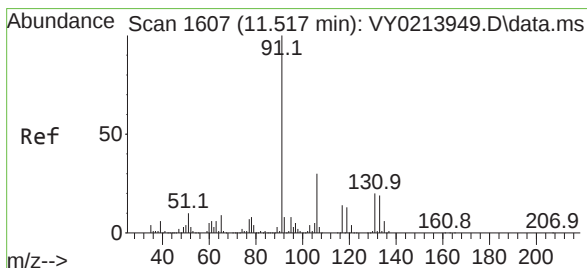
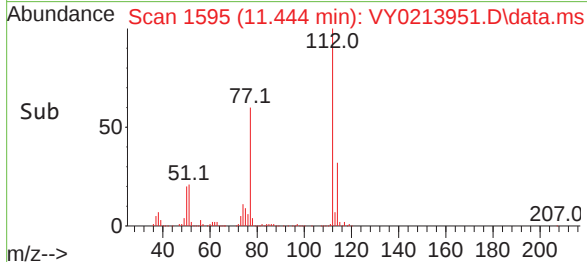
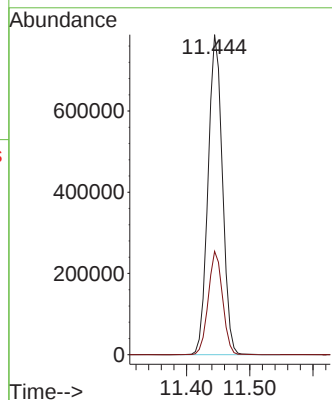
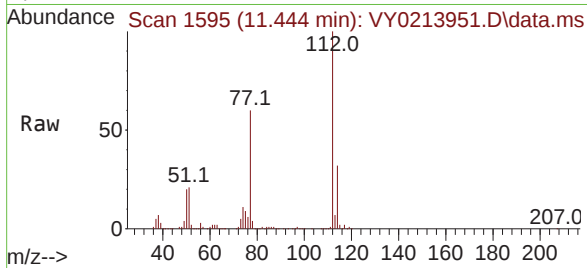




#65
Chlorobenzene
Concen: 147.949 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

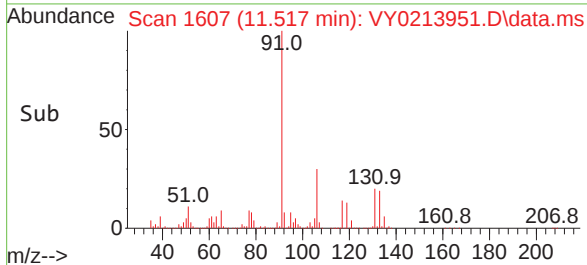
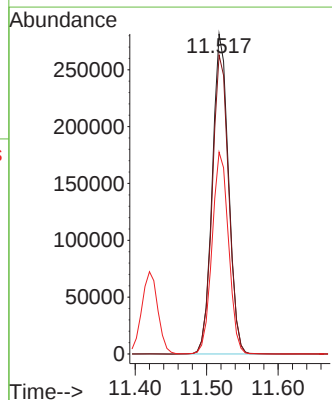
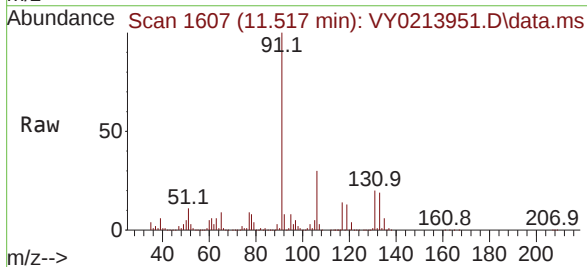
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

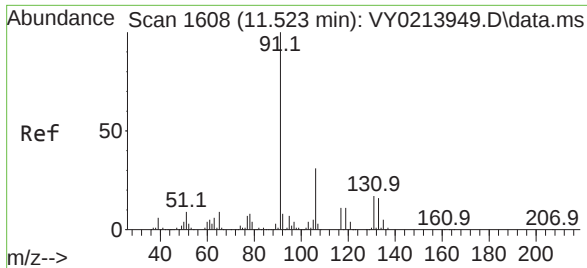
Tgt Ion:112 Resp: 1243163
Ion Ratio Lower Upper
112 100
114 32.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 148.911 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:131 Resp: 442377
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 64.2 32.3 96.9

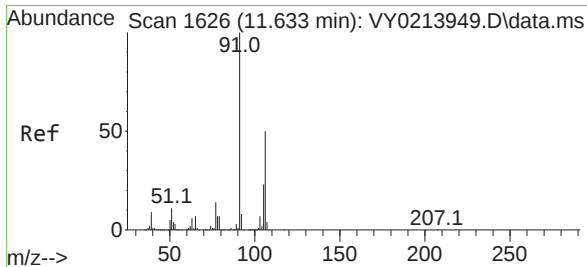
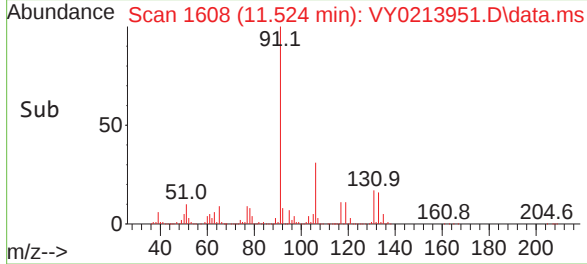
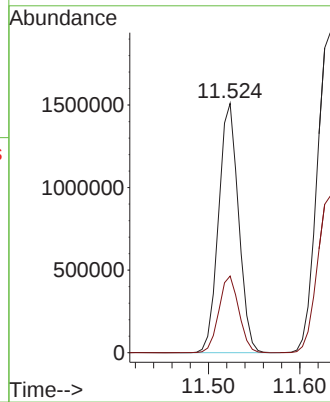
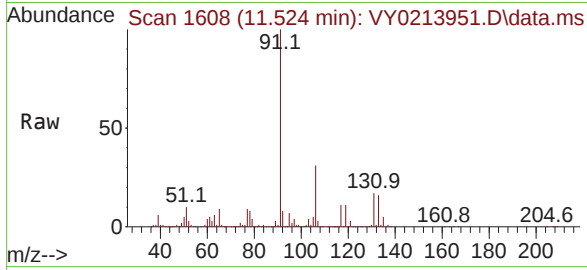




#67
Ethyl Benzene
Concen: 155.358 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

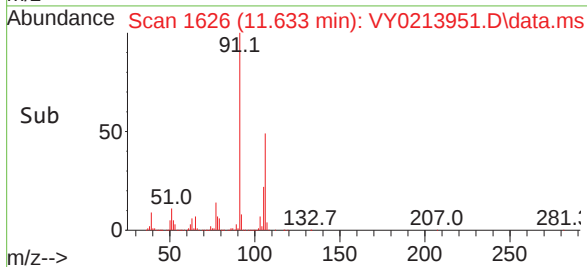
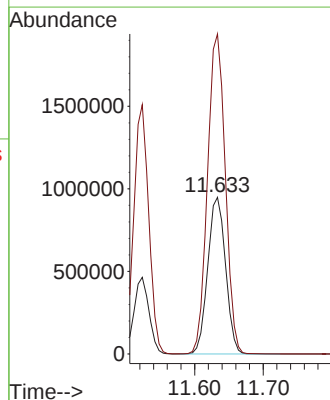
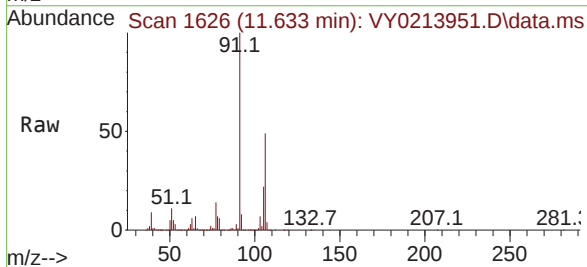
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

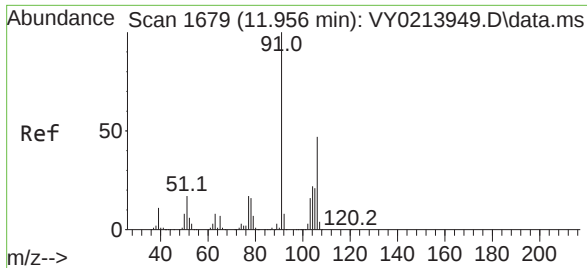
Tgt Ion: 91 Resp: 2291269
Ion Ratio Lower Upper
91 100
106 30.8 24.6 36.8



#68
m/p-Xylenes
Concen: 306.103 ug/l
RT: 11.633 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:106 Resp: 1713936
Ion Ratio Lower Upper
106 100
91 204.1 161.7 242.5

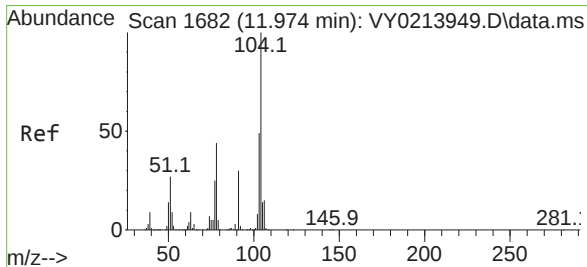
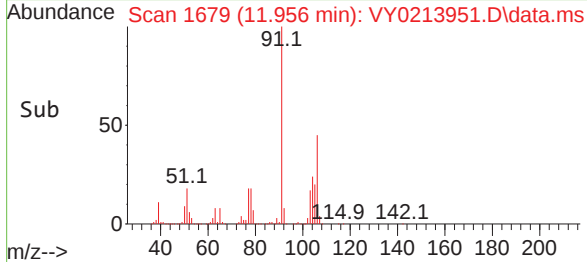
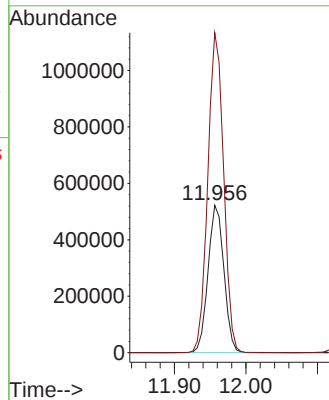
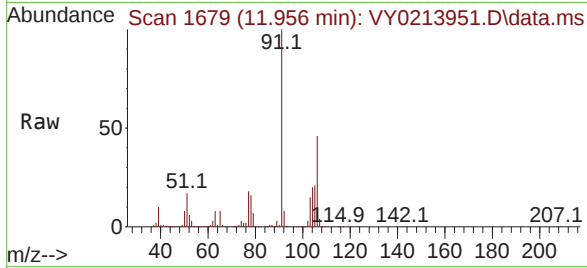




#69
o-Xylene
Concen: 156.057 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

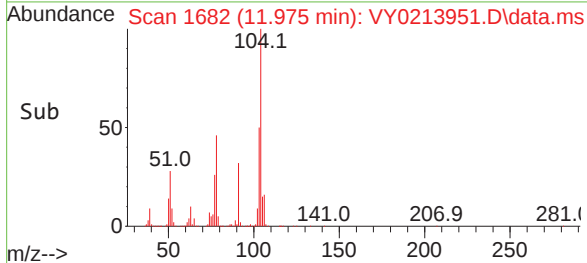
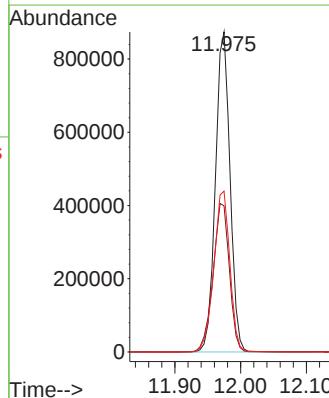
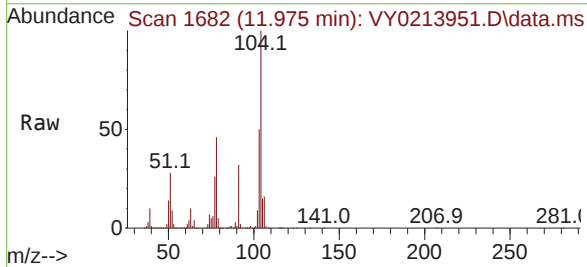
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

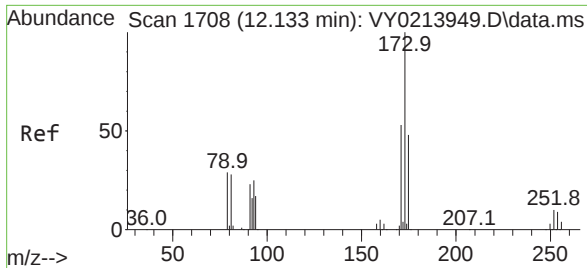
Tgt Ion:106 Resp: 805321
Ion Ratio Lower Upper
106 100
91 216.4 107.6 322.8



#70
Styrene
Concen: 157.956 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:104 Resp: 1352252
Ion Ratio Lower Upper
104 100
78 51.8 40.7 61.1
103 55.1 44.1 66.1

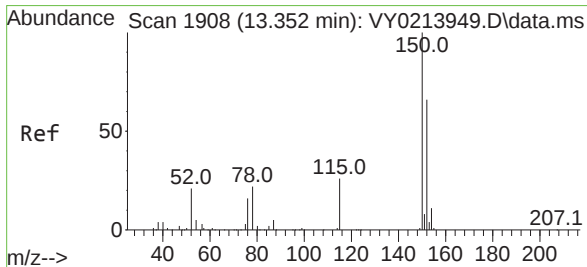
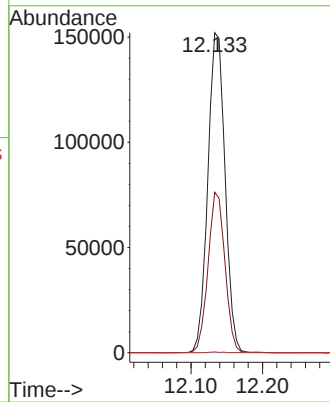
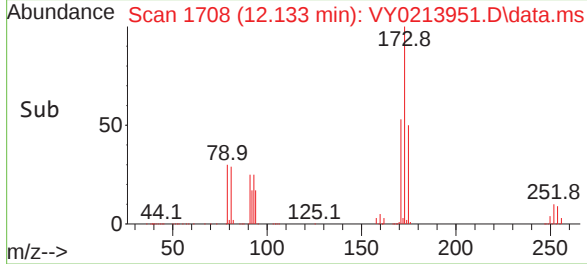
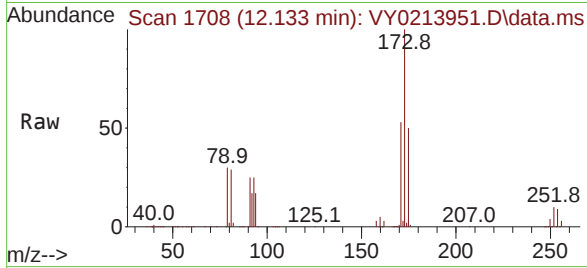




#71
Bromoform
Concen: 152.878 ug/l
RT: 12.133 min Scan# 1708
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

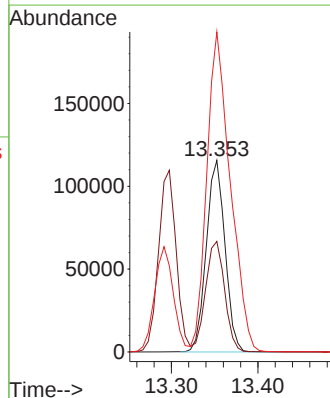
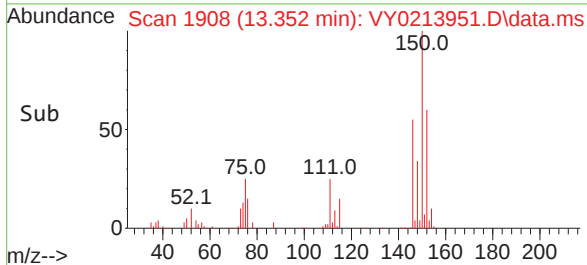
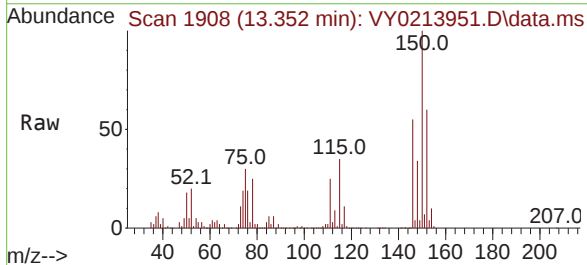
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

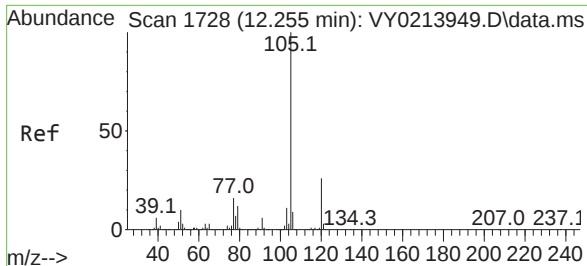
Tgt Ion:173 Resp: 253882
Ion Ratio Lower Upper
173 100
175 49.3 23.9 71.7
254 0.2 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:152 Resp: 173358
Ion Ratio Lower Upper
152 100
115 58.9 29.0 87.0
150 209.9 0.0 347.2

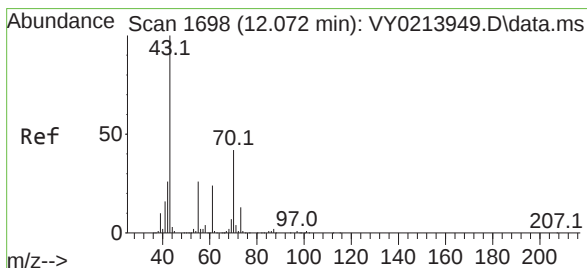
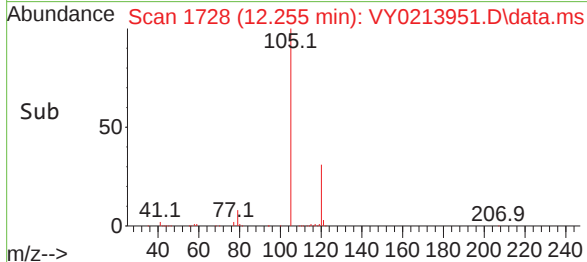
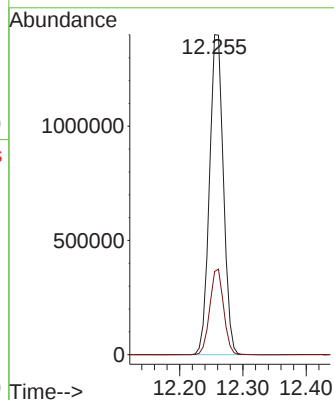
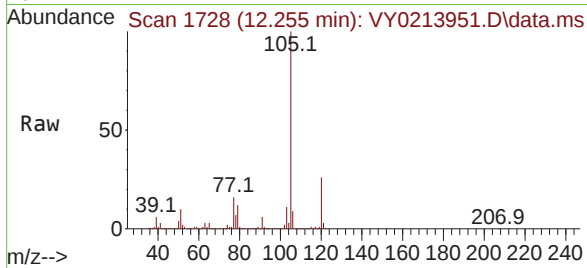




#73
Isopropylbenzene
Concen: 157.067 ug/l
RT: 12.255 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

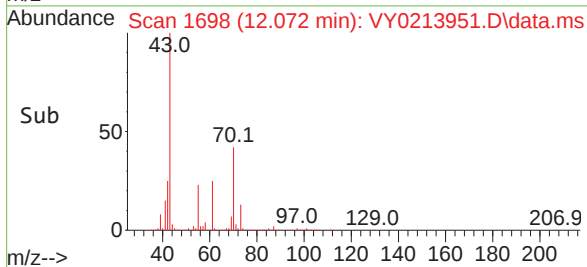
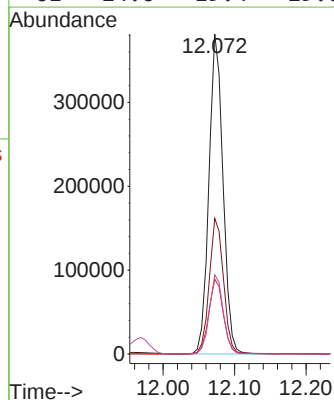
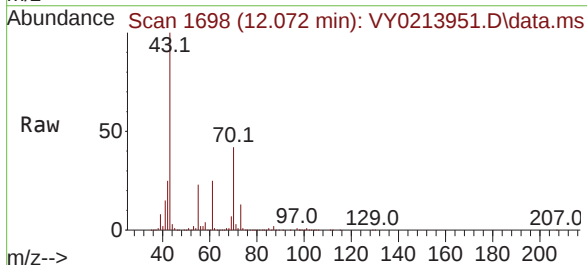
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

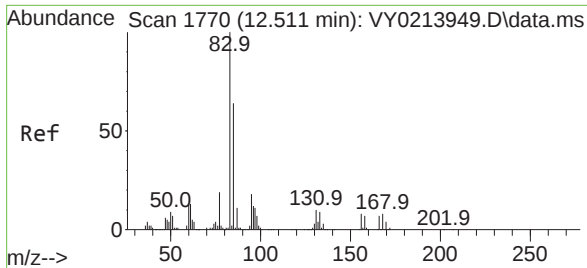
Tgt Ion:105 Resp: 2144893
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.3



#74
N-ethyl acetate
Concen: 175.863 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 43 Resp: 521557
Ion Ratio Lower Upper
43 100
70 42.7 34.6 51.8
55 24.2 21.1 31.7
61 24.6 19.4 29.0

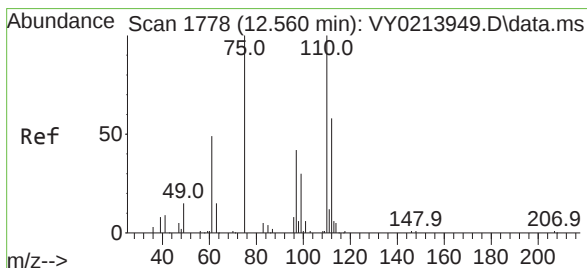
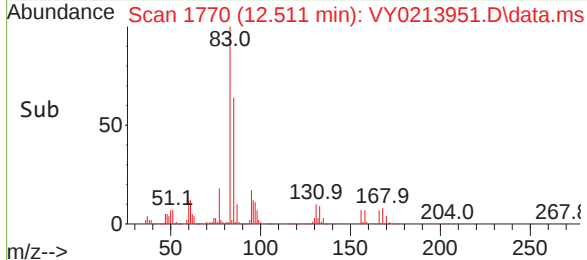
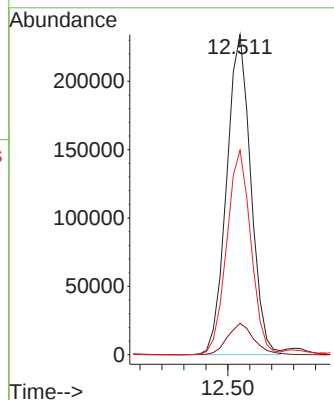
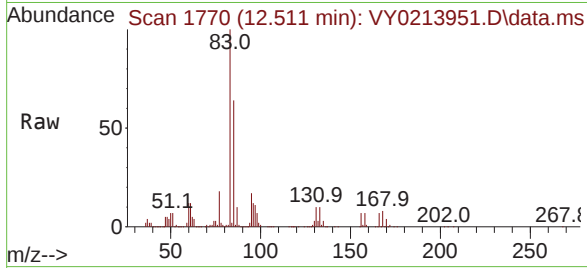




#75
 1,1,2,2-Tetrachloroethane
 Concen: 148.865 ug/l
 RT: 12.511 min Scan# 1770
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

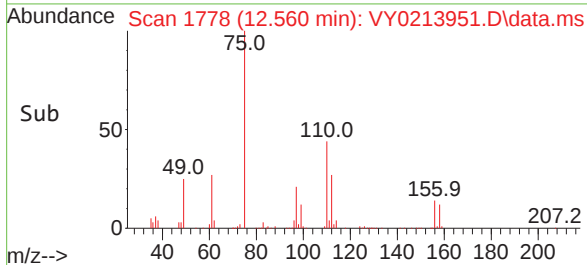
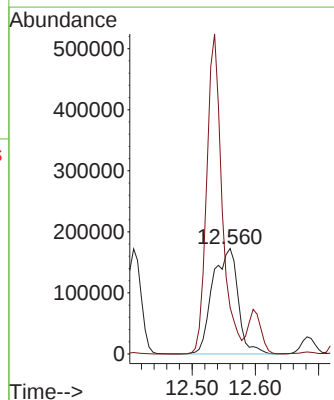
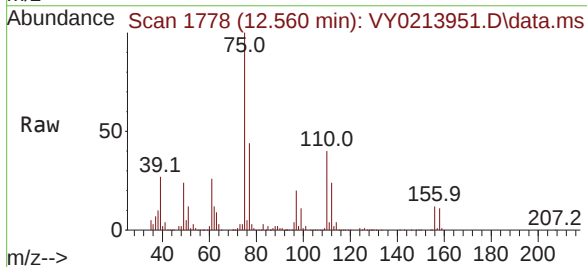
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

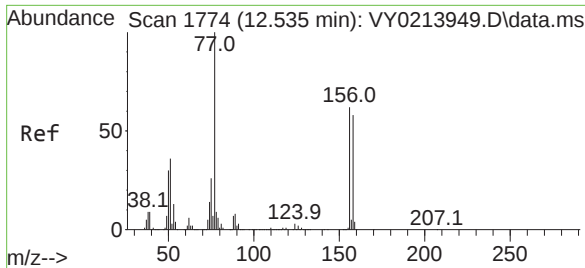
Tgt Ion: 83 Resp: 358734
 Ion Ratio Lower Upper
 83 100
 131 10.6 5.3 16.1
 85 63.9 31.9 95.5



#76
 1,2,3-Trichloropropane
 Concen: 274.663 ug/l
 RT: 12.560 min Scan# 1778
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 479809
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

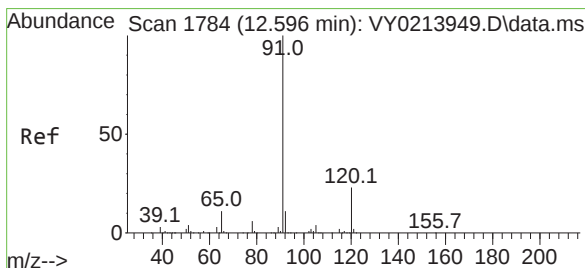
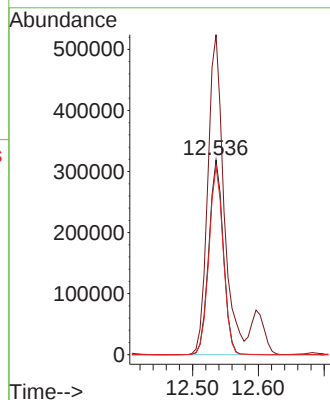
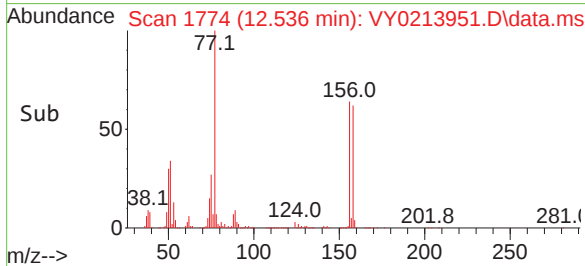
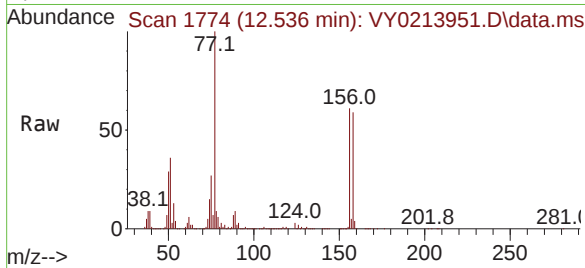




#77
Bromobenzene
Concen: 151.891 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

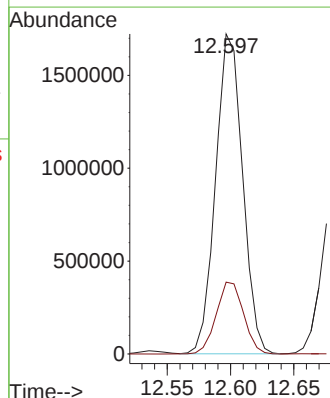
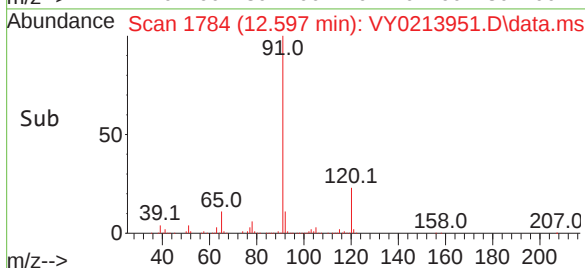
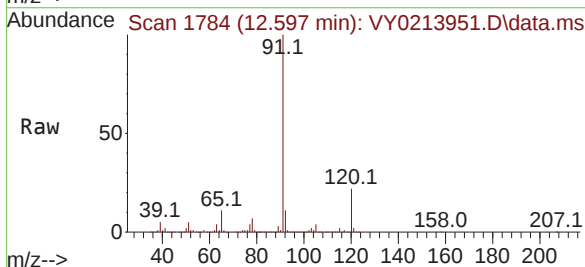
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

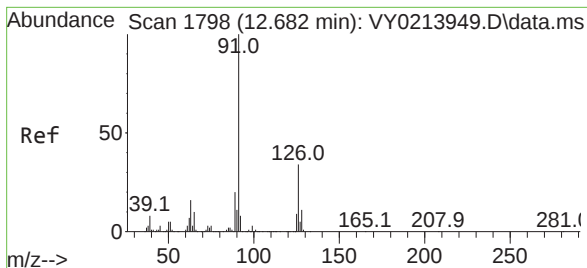
Tgt Ion:156 Resp: 485258
Ion Ratio Lower Upper
156 100
77 182.8 93.6 280.8
158 96.0 48.3 144.8



#78
n-propylbenzene
Concen: 153.780 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 91 Resp: 2550395
Ion Ratio Lower Upper
91 100
120 22.7 11.3 33.8

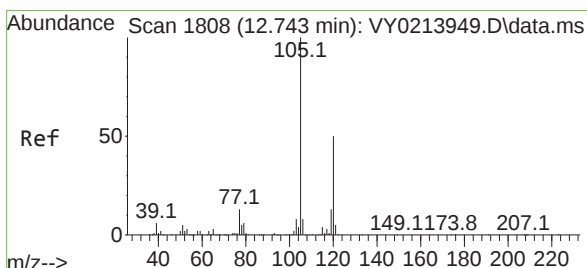
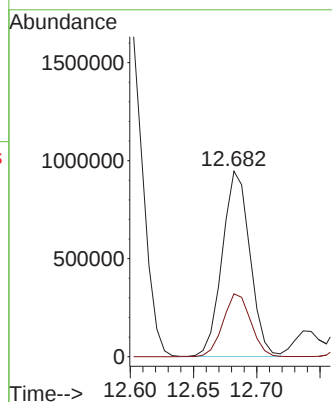
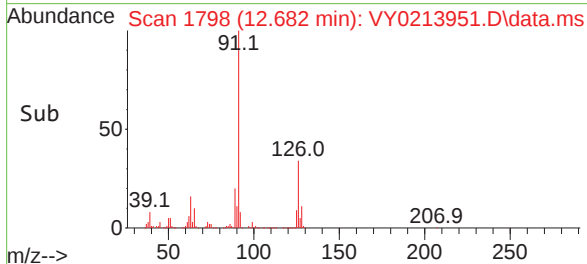
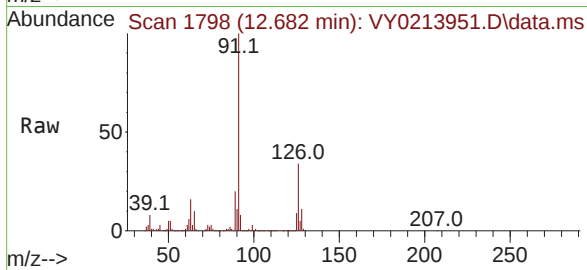




#79
2-Chlorotoluene
Concen: 151.808 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

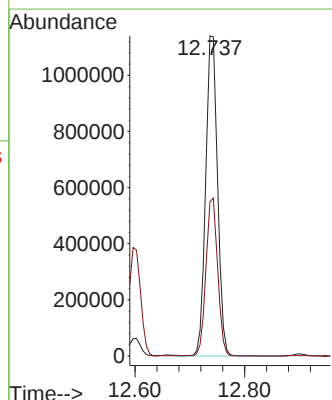
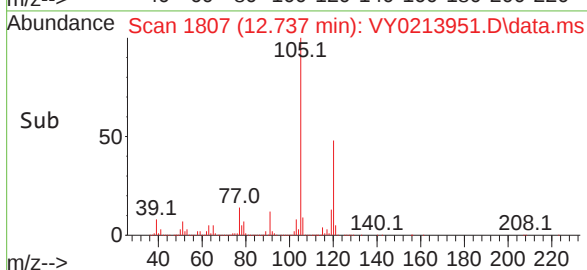
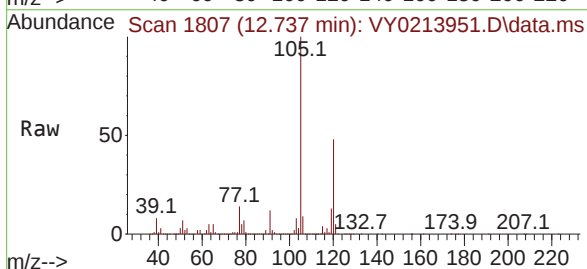
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

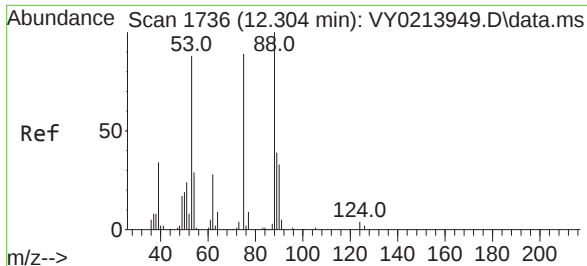
Tgt Ion: 91 Resp: 1439597
Ion Ratio Lower Upper
91 100
126 34.0 17.2 51.6



#80
1,3,5-Trimethylbenzene
Concen: 153.582 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 105 Resp: 1704391
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6

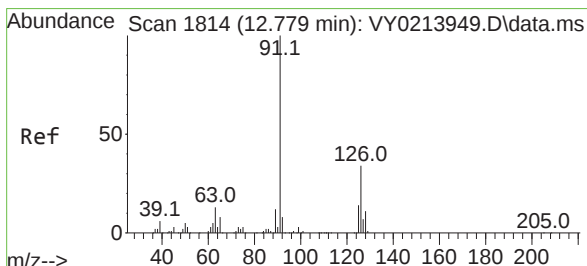
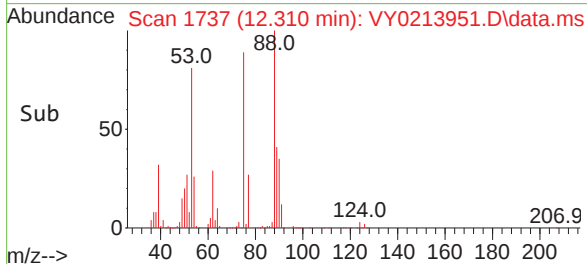
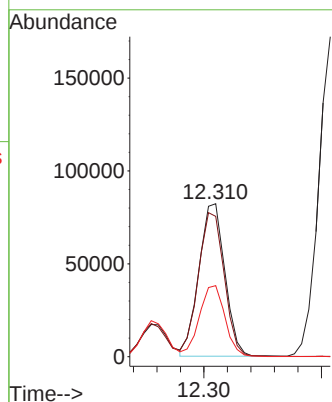
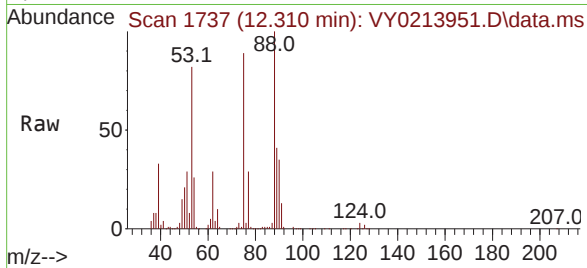




#81
trans-1,4-Dichloro-2-butene
Concen: 164.316 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. 0.006 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

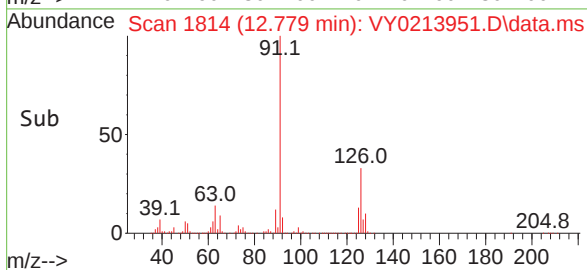
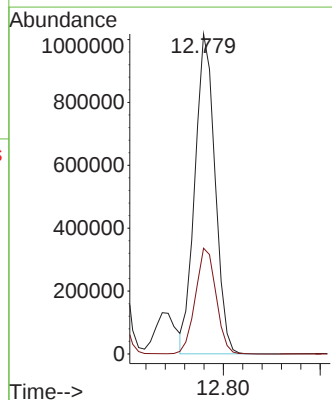
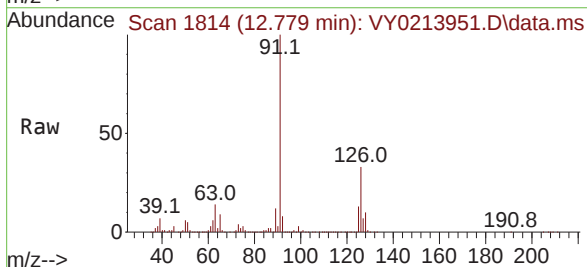
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

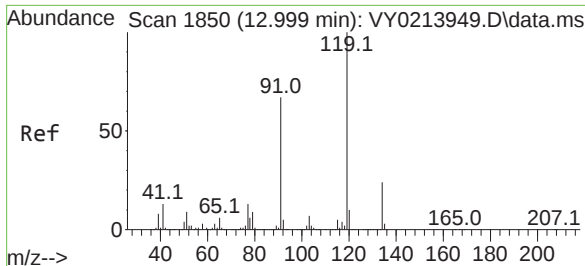
Tgt Ion: 75 Resp: 126267
Ion Ratio Lower Upper
75 100
53 94.4 81.0 121.4
89 46.1 36.9 55.3



#82
4-Chlorotoluene
Concen: 149.554 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion: 91 Resp: 1468603
Ion Ratio Lower Upper
91 100
126 34.1 17.0 51.0

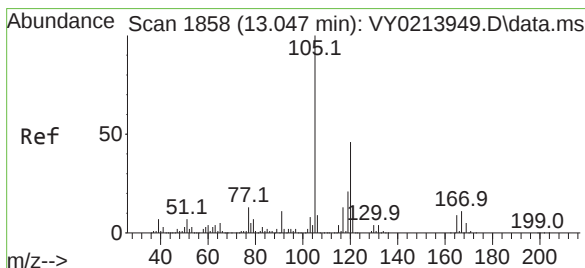
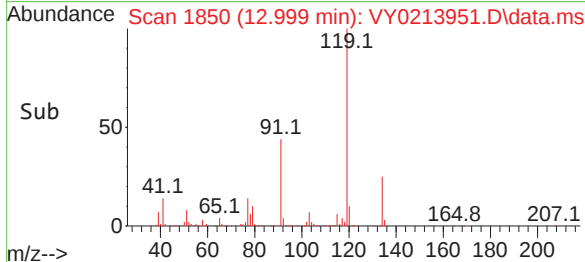
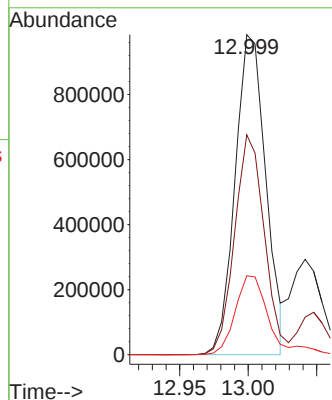
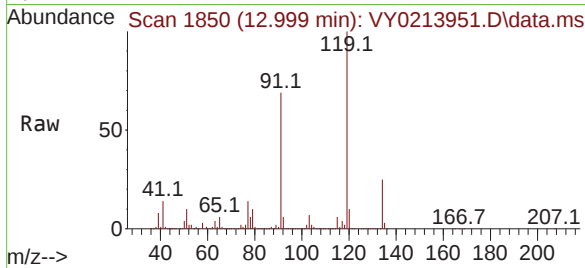




#83
 tert-Butylbenzene
 Concen: 155.433 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

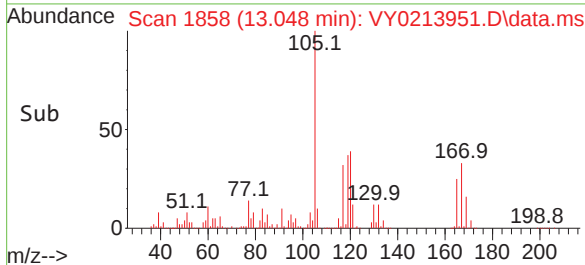
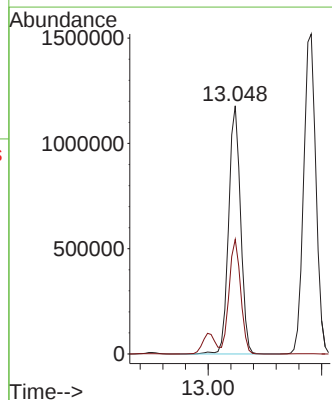
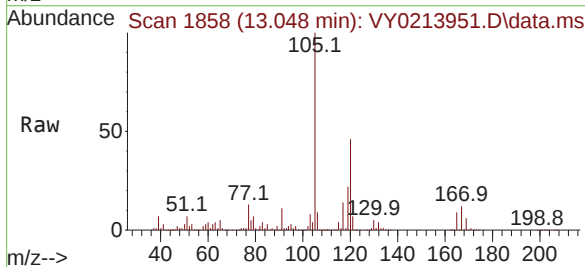
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

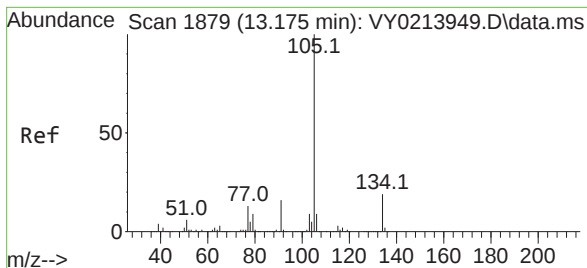
Tgt Ion:119 Resp: 1538803
 Ion Ratio Lower Upper
 119 100
 91 66.6 33.2 99.6
 134 27.1 13.5 40.5



#84
 1,2,4-Trimethylbenzene
 Concen: 155.470 ug/l
 RT: 13.048 min Scan# 1858
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion:105 Resp: 1713052
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.7 68.1





#85

sec-Butylbenzene

Concen: 154.650 ug/l

RT: 13.182 min Scan# 1880

Delta R.T. 0.006 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

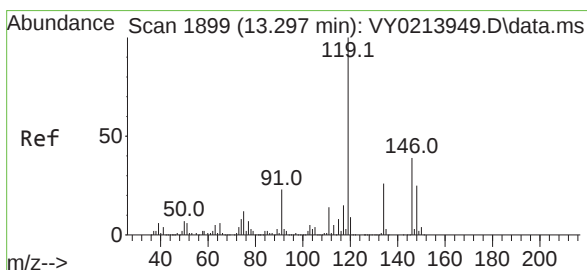
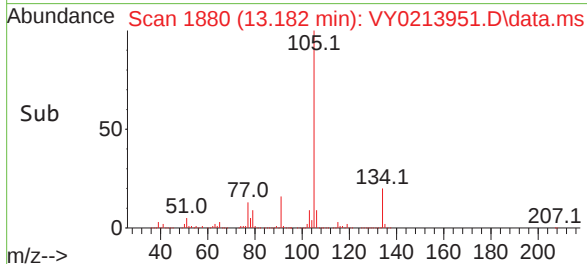
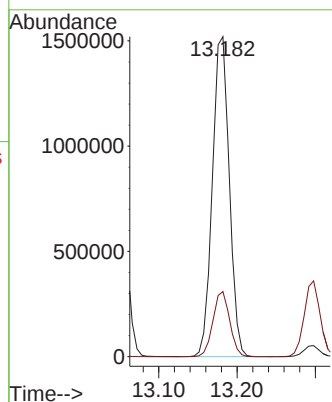
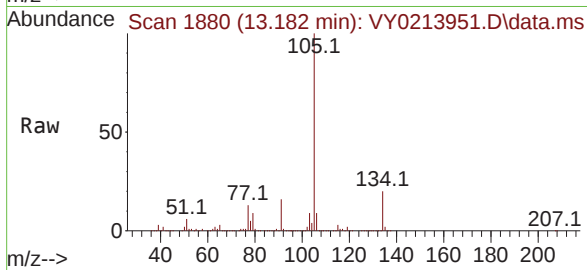
VSTDIC150

Tgt Ion:105 Resp: 2277976

Ion Ratio Lower Upper

105 100

134 20.2 9.9 29.7



#86

p-Isopropyltoluene

Concen: 159.931 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

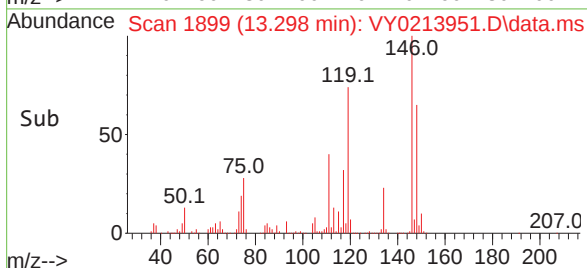
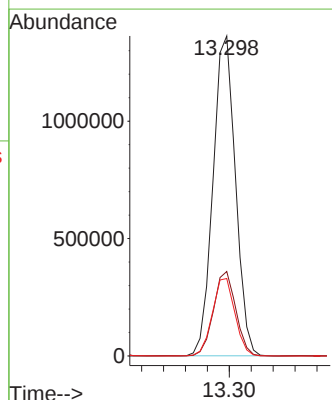
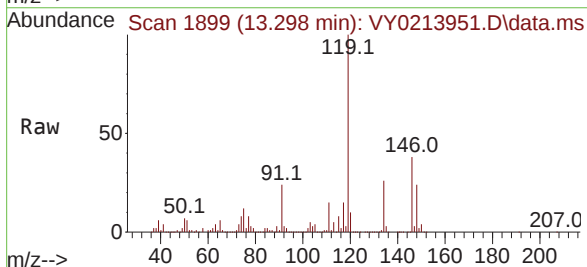
Tgt Ion:119 Resp: 1940795

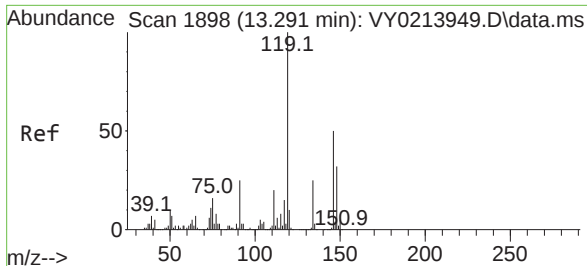
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.1

91 24.4 12.2 36.6

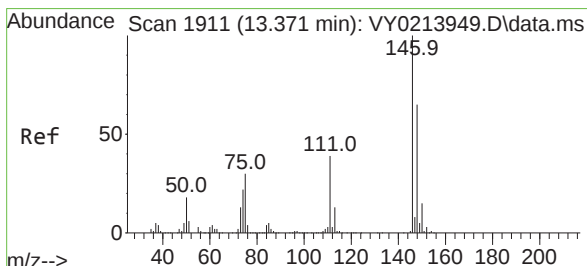
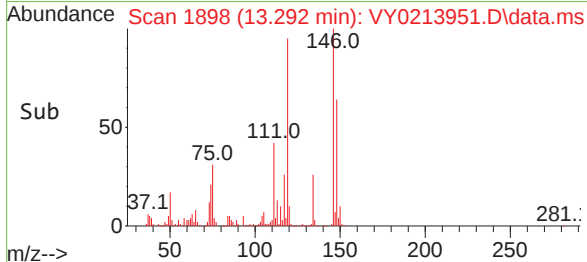
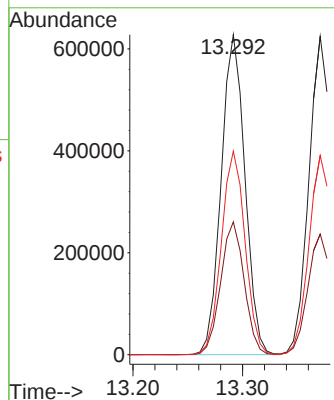
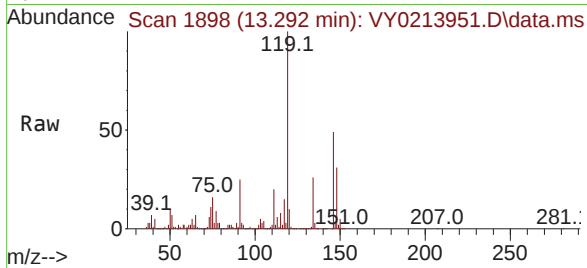




#87
 1,3-Dichlorobenzene
 Concen: 149.004 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

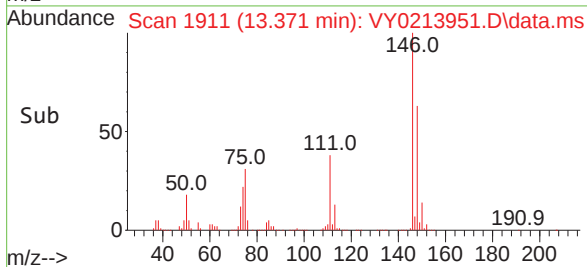
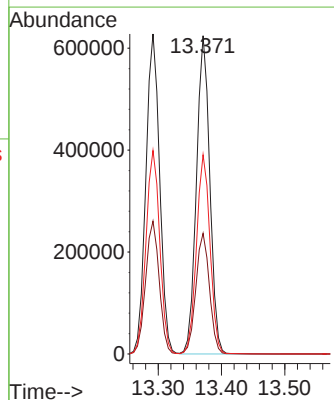
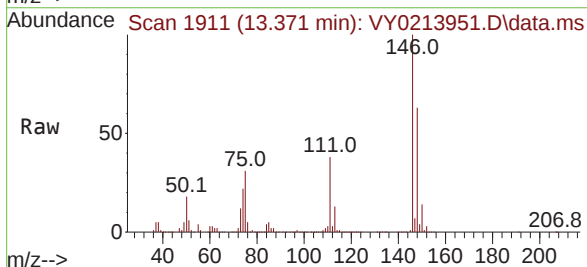
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

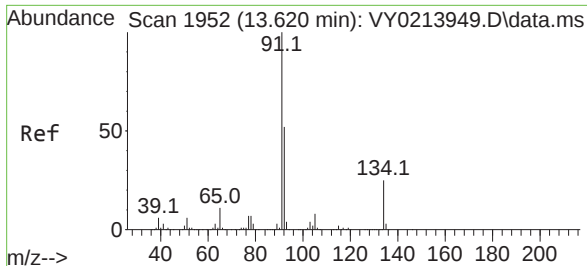
Tgt Ion:146 Resp: 947577
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.0 60.0
 148 63.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 147.547 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion:146 Resp: 917648
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.6 58.8
 148 63.4 32.3 96.8





#89

n-Butylbenzene

Concen: 162.308 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY0213951.D

Acq: 04 Mar 2025 11:29

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

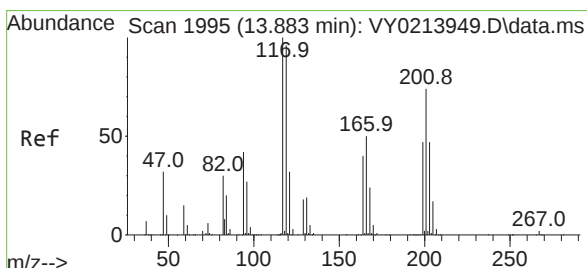
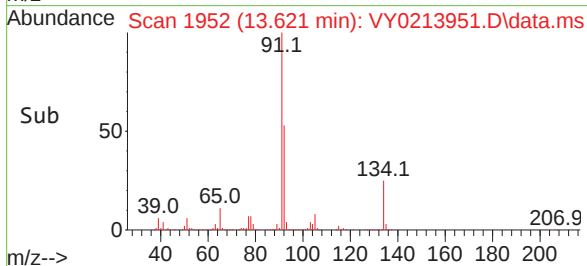
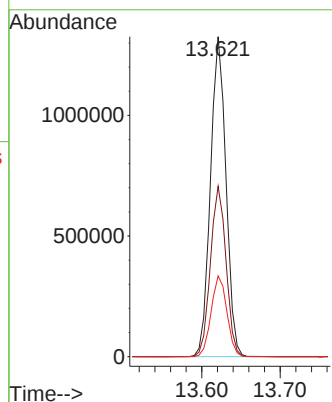
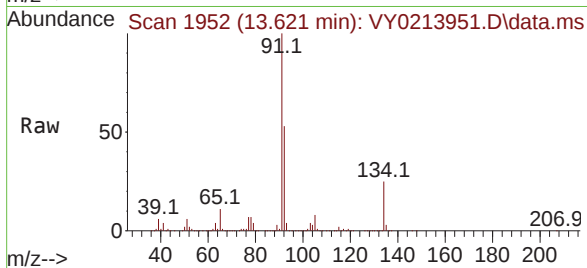
Tgt Ion: 91 Resp: 1818773

Ion Ratio Lower Upper

91 100

92 53.6 26.1 78.3

134 25.7 12.6 37.8



#90

Hexachloroethane

Concen: 151.984 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY0213951.D

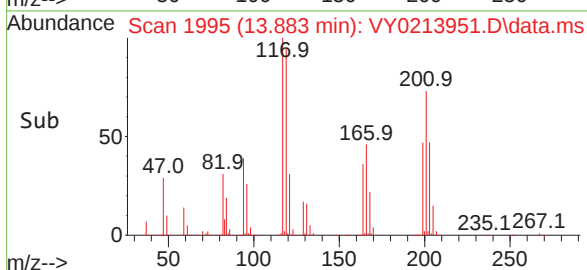
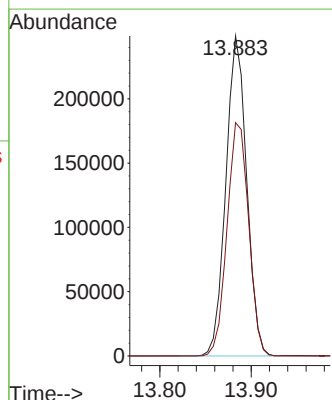
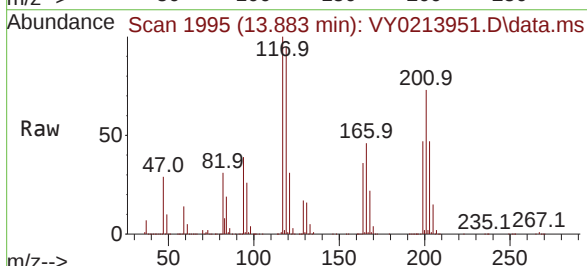
Acq: 04 Mar 2025 11:29

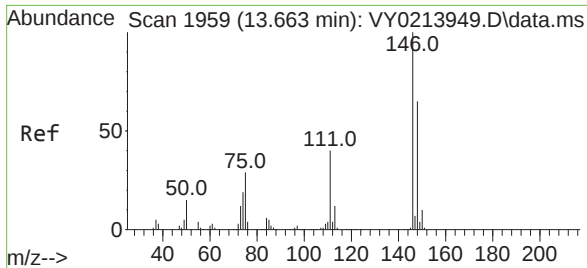
Tgt Ion: 117 Resp: 393459

Ion Ratio Lower Upper

117 100

201 76.1 37.4 112.2

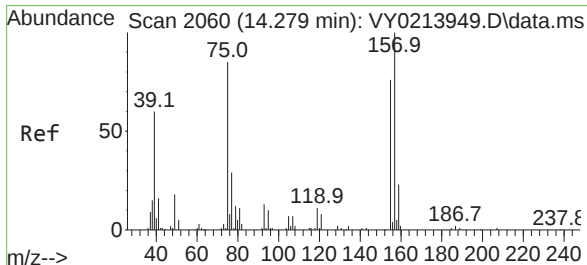
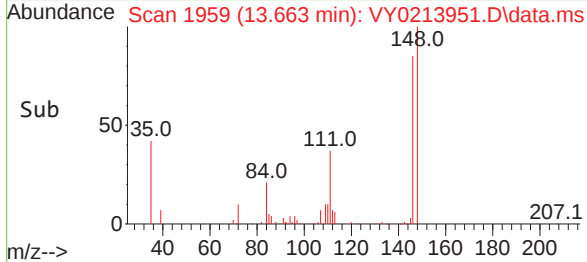
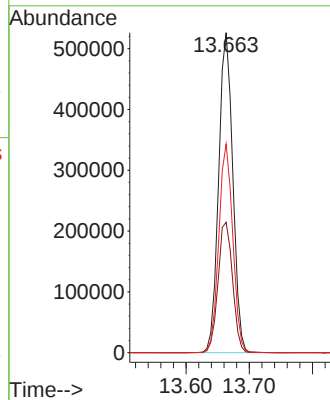
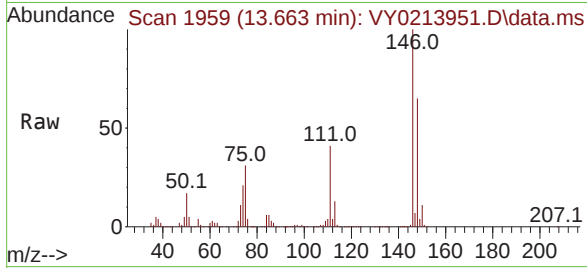




#91
 1,2-Dichlorobenzene
 Concen: 148.890 ug/l
 RT: 13.663 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

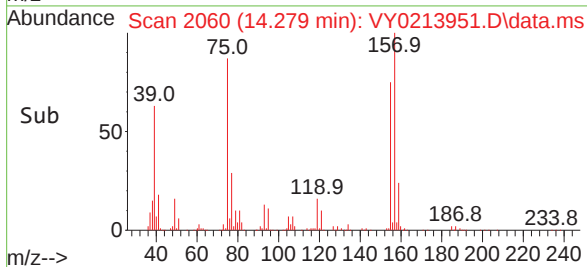
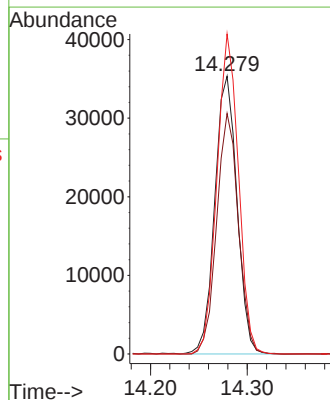
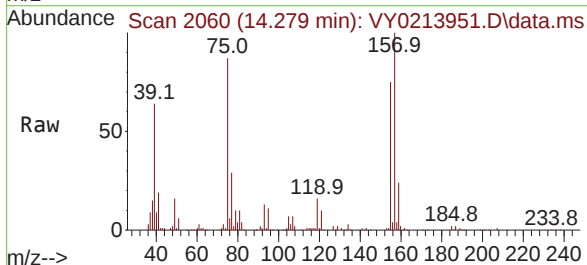
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

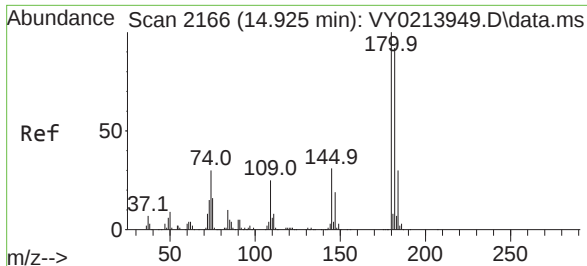
Tgt Ion:146 Resp: 811529
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.7 62.1
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 155.702 ug/l
 RT: 14.279 min Scan# 2060
 Delta R.T. 0.000 min
 Lab File: VY0213951.D
 Acq: 04 Mar 2025 11:29

Tgt Ion: 75 Resp: 56205
 Ion Ratio Lower Upper
 75 100
 155 84.8 43.5 130.5
 157 111.7 54.4 163.2

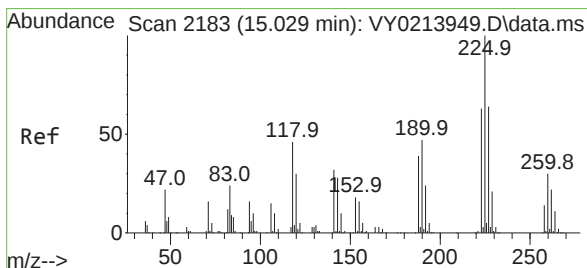
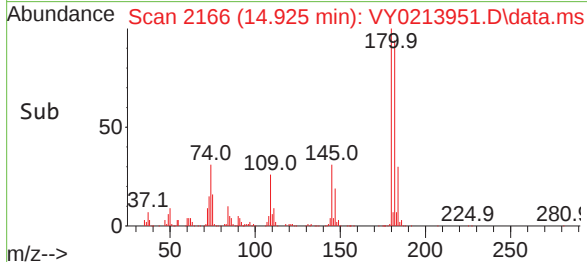
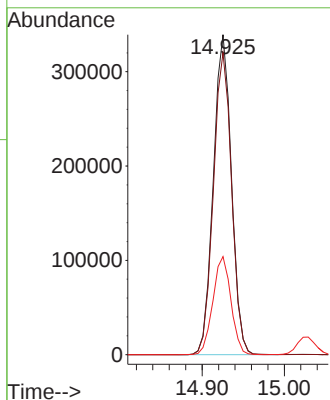
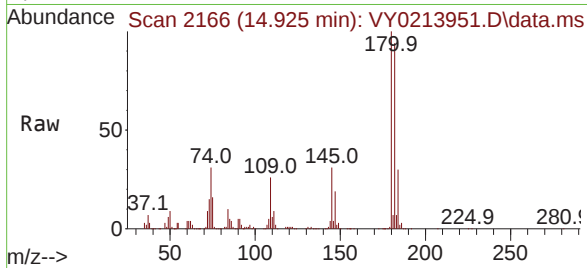




#93
1,2,4-Trichlorobenzene
Concen: 173.726 ug/l
RT: 14.925 min Scan# 2166
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

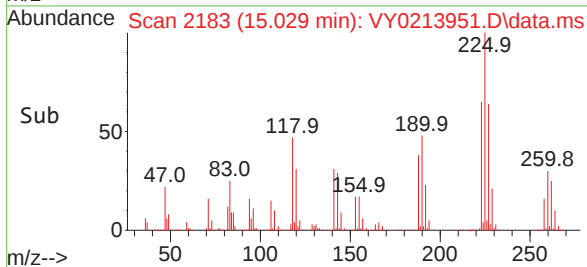
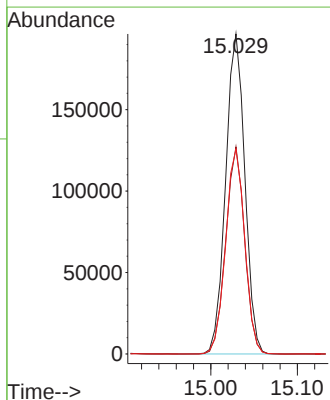
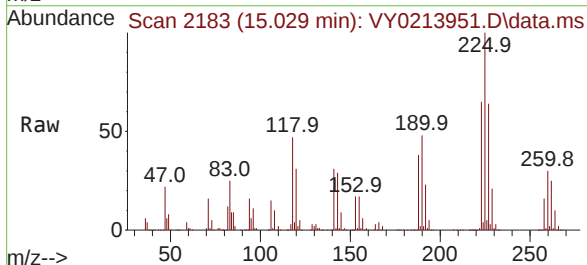
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

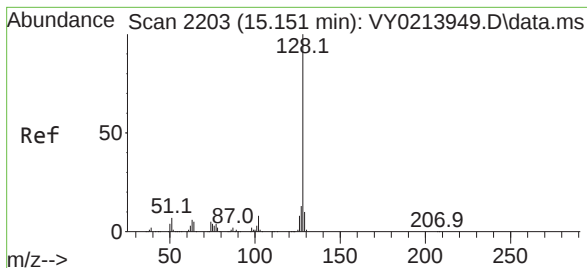
Tgt Ion:180 Resp: 517199
Ion Ratio Lower Upper
180 100
182 95.1 46.7 140.0
145 30.7 15.6 46.8



#94
Hexachlorobutadiene
Concen: 162.105 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:225 Resp: 302517
Ion Ratio Lower Upper
225 100
223 63.6 31.4 94.2
227 63.9 31.8 95.4

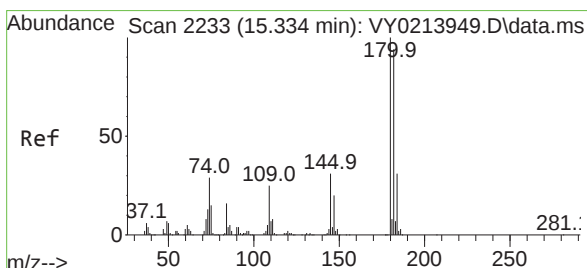
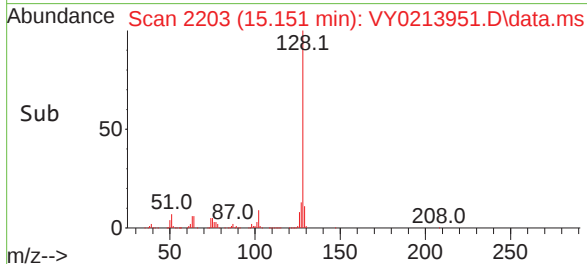
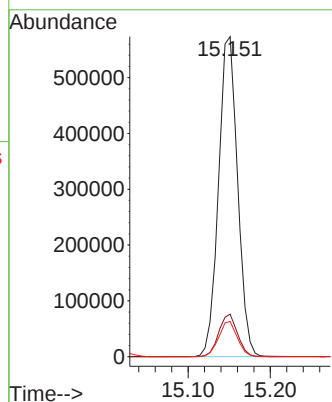
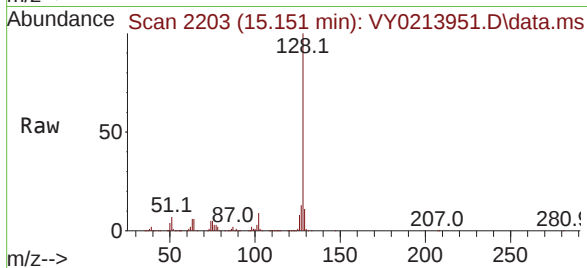




#95
Naphthalene
Concen: 150.626 ug/l
RT: 15.151 min Scan# 2203
Delta R.T. -0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

Tgt Ion:128 Resp: 925079
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 173.503 ug/l
RT: 15.334 min Scan# 2233
Delta R.T. 0.000 min
Lab File: VY0213951.D
Acq: 04 Mar 2025 11:29

Tgt Ion:180 Resp: 434430
Ion Ratio Lower Upper
180 100
182 95.9 47.2 141.6
145 32.9 16.4 49.1

