

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020925.D
 Acq On : 24 Jan 2025 13:11
 Operator : SY/MD
 Sample : VSTDIC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

Quant Time: Jan 25 02:01:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 01:12:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	267059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.628	114	397496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	327717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	155288	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	13484	6.333	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	12.660%#
35) Dibromofluoromethane	7.652	113	17696	7.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	15.500%#
50) Toluene-d8	10.115	98	42646	4.818	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.640%#
62) 4-Bromofluorobenzene	12.414	95	20830	7.071	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	14.140%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.873	85	20630	10.213	ug/l	98
3) Chloromethane	2.074	50	13962	9.294	ug/l	97
4) Vinyl Chloride	2.214	62	16052	9.804	ug/l	96
5) Bromomethane	2.611	94	10282	9.271	ug/l	91
6) Chloroethane	2.751	64	9155	9.530	ug/l	99
7) Trichlorofluoromethane	3.074	101	34005	9.775	ug/l	91
8) Diethyl Ether	3.470	74	10256	9.592	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.824	101	23588	10.276	ug/l	98
10) Methyl Iodide	4.019	142	28078	10.264	ug/l	100
11) Tert butyl alcohol	4.903	59	5413	32.931	ug/l #	88
12) 1,1-Dichloroethene	3.799	96	21083	9.726	ug/l	95
13) Acrolein	3.671	56	10257	46.030	ug/l	92
14) Allyl chloride	4.403	41	29365	9.705	ug/l	98
15) Acrylonitrile	5.080	53	19806	47.125	ug/l	99
16) Acetone	3.897	43	14072	48.778	ug/l	89
17) Carbon Disulfide	4.123	76	65728	9.818	ug/l	98
18) Methyl Acetate	4.403	43	10029	9.623	ug/l	100
19) Methyl tert-butyl Ether	5.128	73	48025	9.565	ug/l	93
20) Methylene Chloride	4.635	84	21555	10.046	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	23173	9.915	ug/l	97
22) Diisopropyl ether	6.037	45	59569	9.788	ug/l	95
23) Vinyl Acetate	5.976	43	162886	48.359	ug/l	99
24) 1,1-Dichloroethane	5.933	63	38720	10.037	ug/l	98
25) 2-Butanone	6.909	43	23767	48.634	ug/l	93
26) 2,2-Dichloropropane	6.896	77	38637	10.168	ug/l	97
27) cis-1,2-Dichloroethene	6.903	96	25733	9.756	ug/l	99
28) Bromochloromethane	7.262	49	14417	9.285	ug/l	96
29) Tetrahydrofuran	7.287	42	15925	48.896	ug/l	96
30) Chloroform	7.433	83	40417	9.899	ug/l	97
31) Cyclohexane	7.713	56	39999	10.549	ug/l #	94
32) 1,1,1-Trichloroethane	7.634	97	38867	9.814	ug/l	99
36) 1,1-Dichloropropene	7.847	75	31782	9.975	ug/l	98
37) Ethyl Acetate	7.006	43	11673	9.443	ug/l	99
38) Carbon Tetrachloride	7.829	117	38303	9.969	ug/l	99
39) Methylcyclohexane	9.116	83	41663	9.659	ug/l	99
40) Benzene	8.091	78	91728	9.814	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	6575	10.069	ug/l	94
42) 1,2-Dichloroethane	8.171	62	22142	9.520	ug/l	98
43) Isopropyl Acetate	8.207	43	22188	9.466	ug/l #	86
44) Trichloroethene	8.878	130	24942	9.822	ug/l	99
45) 1,2-Dichloropropane	9.152	63	20477	9.925	ug/l	95
46) Dibromomethane	9.244	93	11282	9.618	ug/l	98
47) Bromodichloromethane	9.433	83	30922	9.908	ug/l	95
48) Methyl methacrylate	9.231	41	10138	9.169	ug/l	99
49) 1,4-Dioxane	9.250	88	2258	186.964	ug/l #	43
51) 4-Methyl-2-Pentanone	10.006	43	56065	47.436	ug/l	99
52) Toluene	10.182	92	58541	9.738	ug/l	98
53) t-1,3-Dichloropropene	10.402	75	27028	9.445	ug/l	98
54) cis-1,3-Dichloropropene	9.865	75	32349	9.467	ug/l	99
55) 1,1,2-Trichloroethane	10.579	97	15270	9.631	ug/l	94
56) Ethyl methacrylate	10.451	69	18576	8.940	ug/l	98
57) 1,3-Dichloropropane	10.725	76	26057	9.674	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.725	63	42884	45.471	ug/l	99
59) 2-Hexanone	10.768	43	34625	45.559	ug/l	99
60) Dibromochloromethane	10.920	129	21692	9.721	ug/l	100
61) 1,2-Dibromoethane	11.030	107	14743	9.722	ug/l	99
64) Tetrachloroethene	10.658	164	22565	9.894	ug/l	96
65) Chlorobenzene	11.451	112	63657	9.933	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.524	131	22463	9.864	ug/l	99
67) Ethyl Benzene	11.530	91	108906	9.739	ug/l	100
68) m/p-Xylenes	11.639	106	82971	19.377	ug/l	98
69) o-Xylene	11.963	106	38842	9.711	ug/l	98
70) Styrene	11.981	104	62554	9.543	ug/l	99
71) Bromoform	12.139	173	12384	9.604	ug/l #	96
73) Isopropylbenzene	12.261	105	104509	9.772	ug/l	100
74) N-amyl acetate	12.078	43	16526	8.684	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.517	83	16241	9.760	ug/l	97
76) 1,2,3-Trichloropropane	12.566	75	22094	20.123	ug/l #	100
77) Bromobenzene	12.542	156	24110	9.617	ug/l	100
78) n-propylbenzene	12.603	91	121319	9.738	ug/l	99
79) 2-Chlorotoluene	12.688	91	69808	9.880	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	84519	9.835	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.316	75	5628	9.903	ug/l	97
82) 4-Chlorotoluene	12.786	91	71651	9.931	ug/l	100
83) tert-Butylbenzene	13.005	119	78111	9.854	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	82103	9.705	ug/l	99
85) sec-Butylbenzene	13.188	105	111718	9.885	ug/l	100
86) p-Isopropyltoluene	13.304	119	92486	9.687	ug/l	100
87) 1,3-Dichlorobenzene	13.298	146	47678	9.932	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	47347	10.040	ug/l	97
89) n-Butylbenzene	13.627	91	79616	9.453	ug/l	100
90) Hexachloroethane	13.889	117	17719	9.342	ug/l	97
91) 1,2-Dichlorobenzene	13.670	146	41248	9.917	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2400	9.601	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	21268	8.500	ug/l	98
94) Hexachlorobutadiene	15.035	225	16248	9.491	ug/l	99
95) Naphthalene	15.157	128	31822	7.931	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	18332	8.721	ug/l	98

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QLast Update : Sat Jan 25 01:12:18 2025
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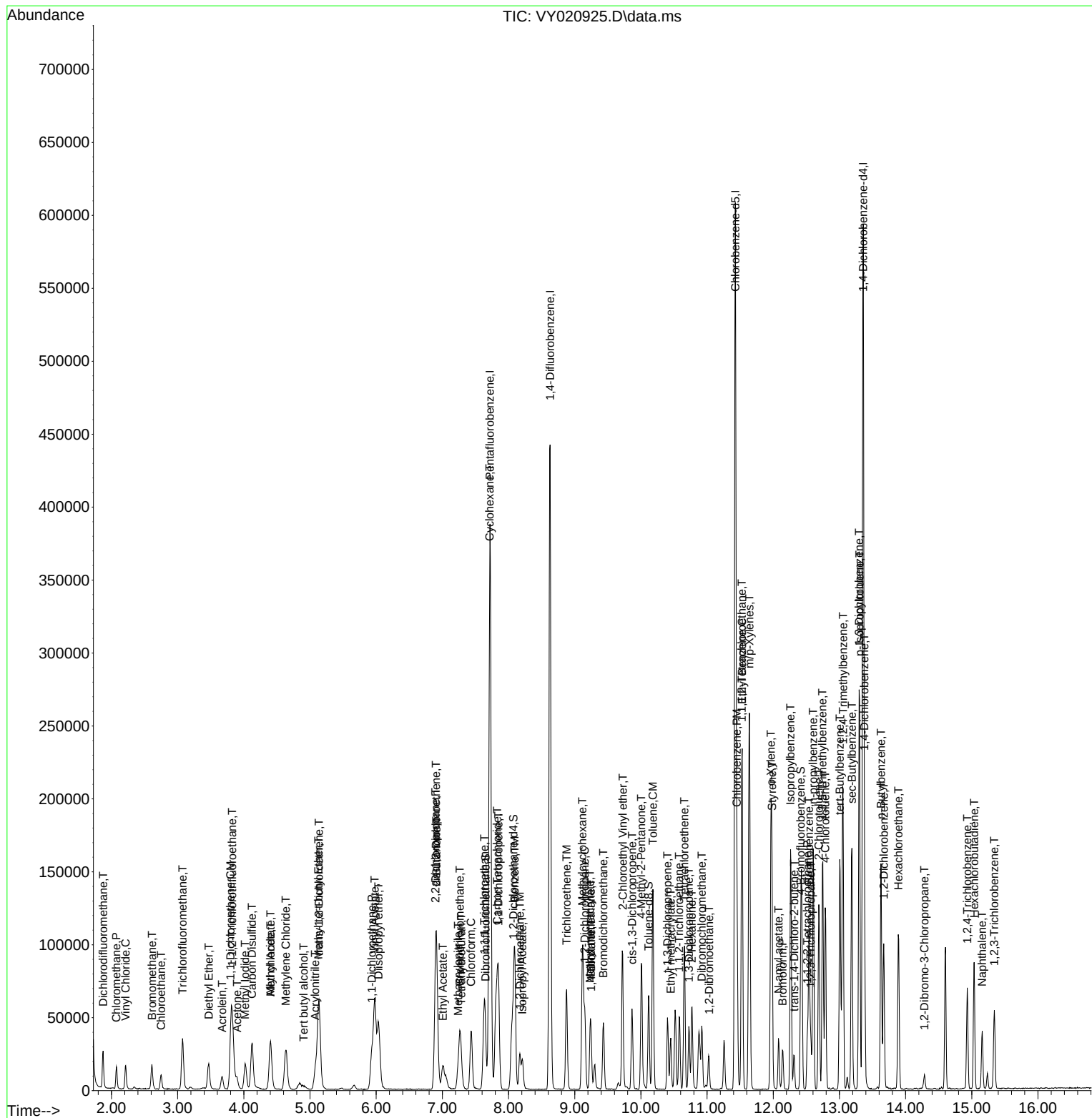
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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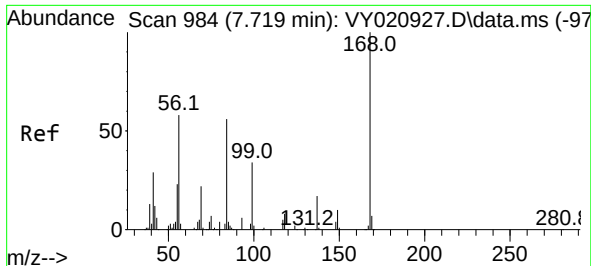
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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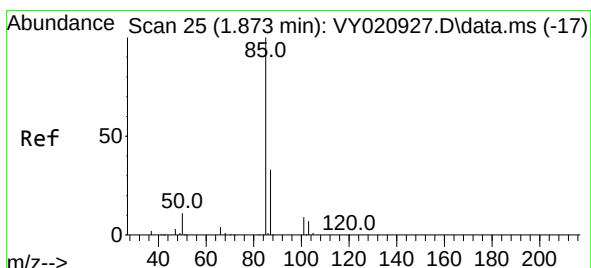
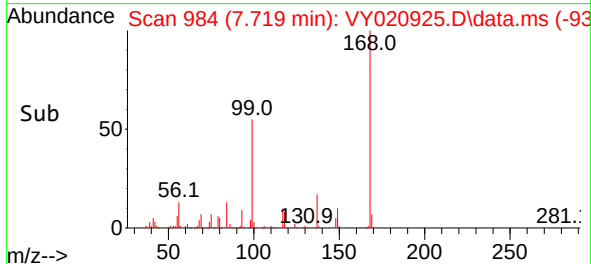
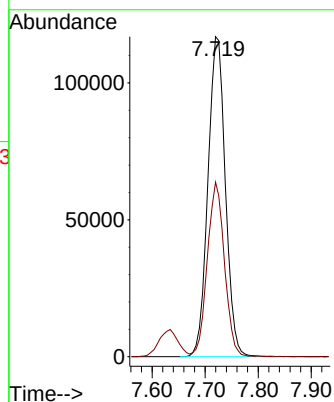
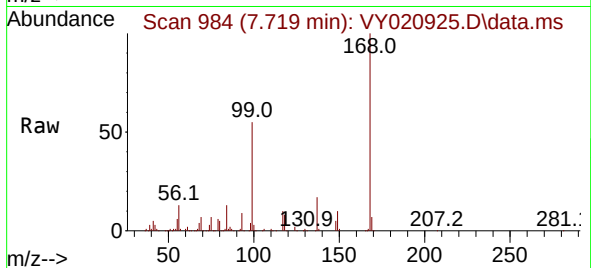




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020925.D
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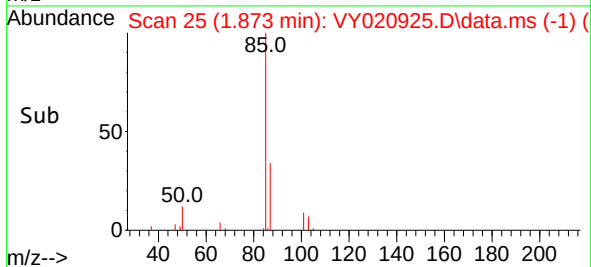
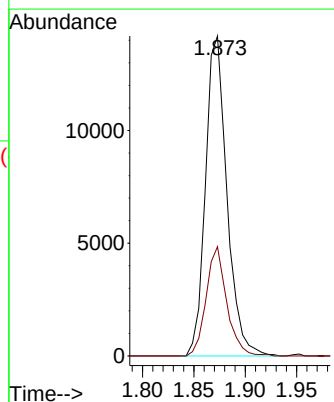
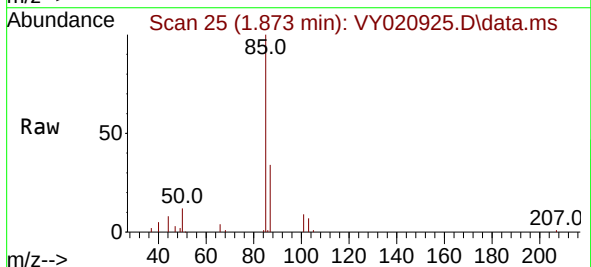
Instrument :
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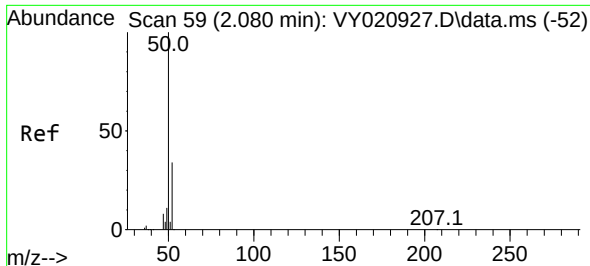
Tgt Ion:168 Resp: 267059
Ion Ratio Lower Upper
168 100
99 54.5 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 10.213 ug/l
RT: 1.873 min Scan# 25
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 85 Resp: 20630
Ion Ratio Lower Upper
85 100
87 34.2 16.6 49.8

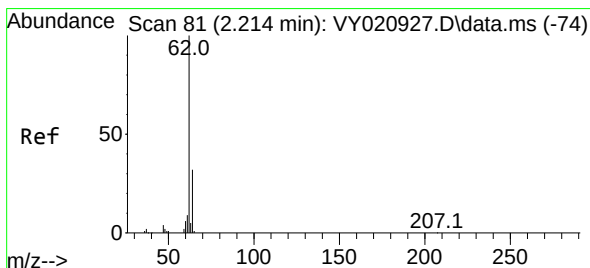
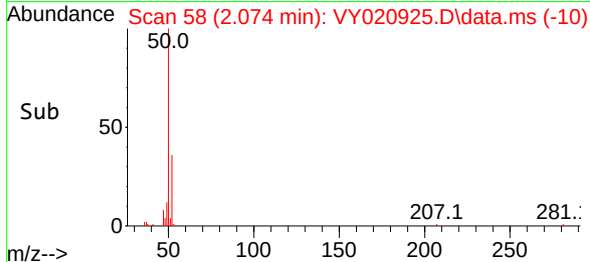
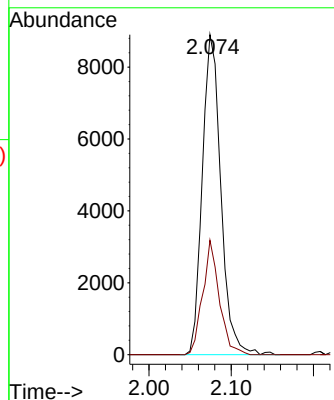
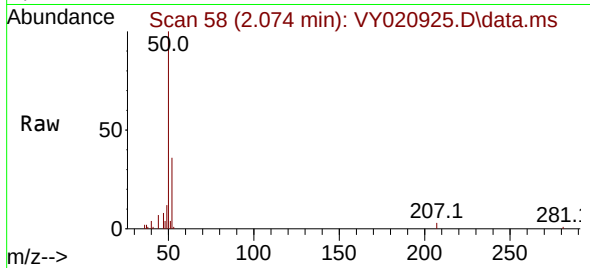




#3
Chloromethane
Concen: 9.294 ug/l
RT: 2.074 min Scan# 58
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

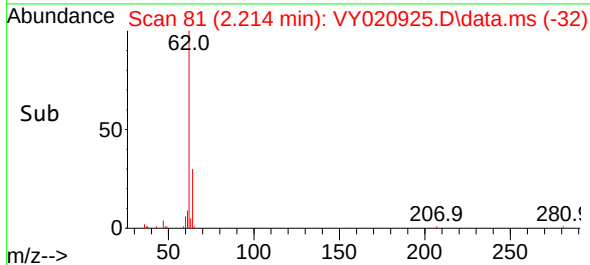
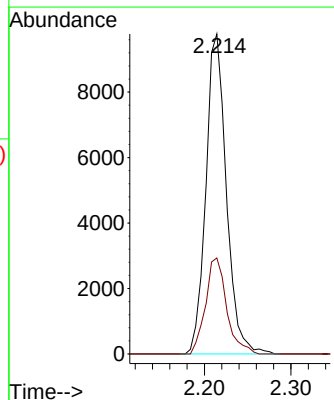
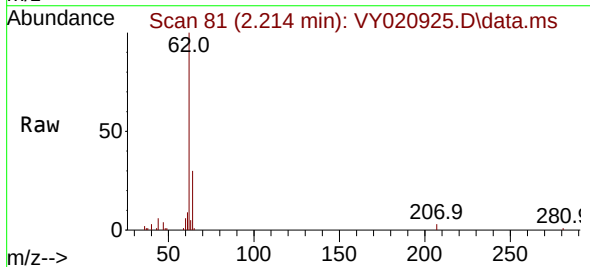
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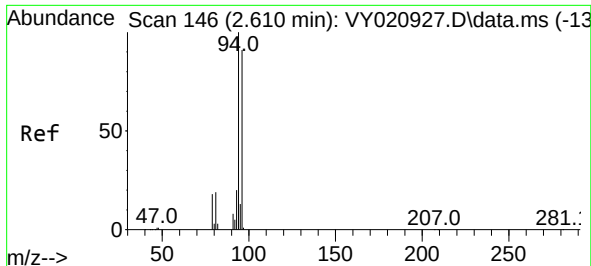
Tgt Ion: 50 Resp: 13962
Ion Ratio Lower Upper
50 100
52 35.7 27.4 41.0



#4
Vinyl Chloride
Concen: 9.804 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 62 Resp: 16052
Ion Ratio Lower Upper
62 100
64 30.0 25.7 38.5

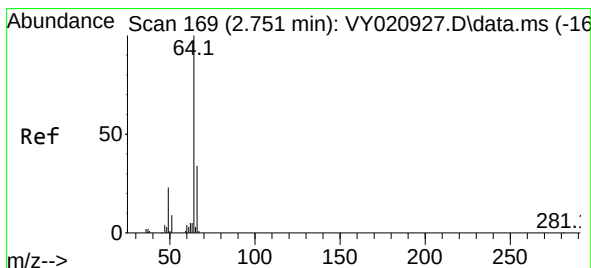
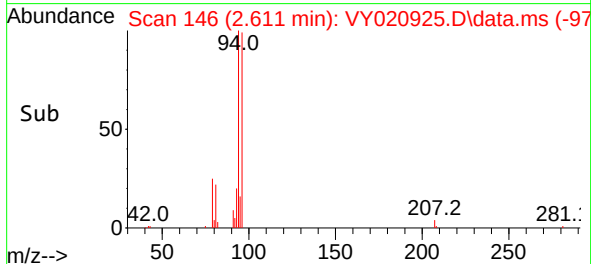
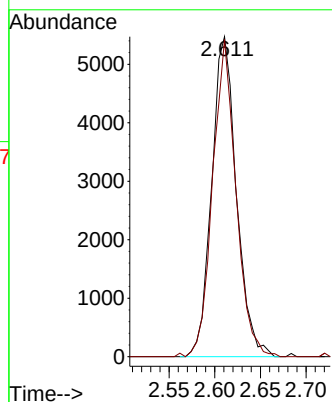
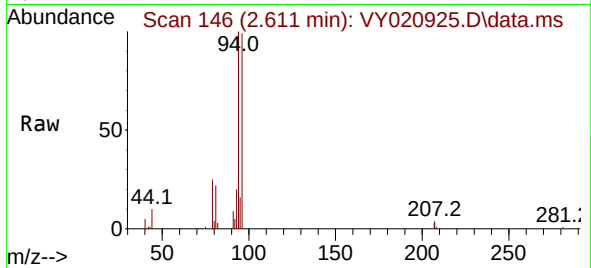




#5
Bromomethane
Concen: 9.271 ug/l
RT: 2.611 min Scan# 146
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

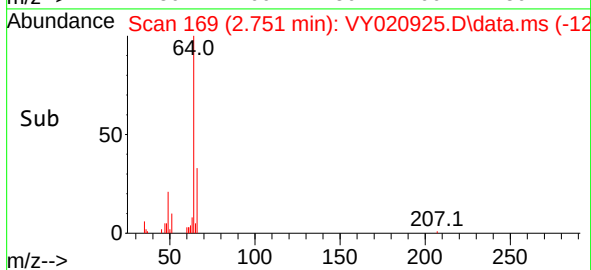
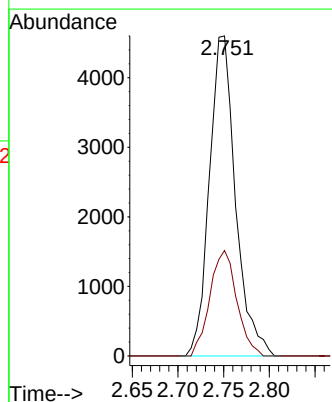
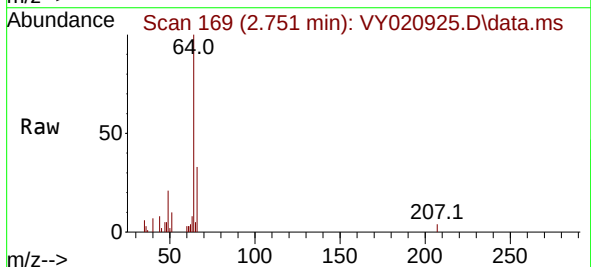
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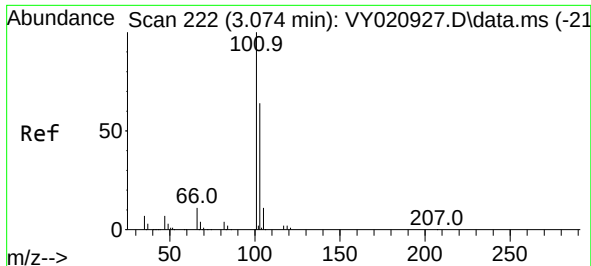
Tgt Ion: 94 Resp: 10282
Ion Ratio Lower Upper
94 100
96 99.1 72.6 109.0



#6
Chloroethane
Concen: 9.530 ug/l
RT: 2.751 min Scan# 169
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 64 Resp: 9155
Ion Ratio Lower Upper
64 100
66 33.0 26.9 40.3

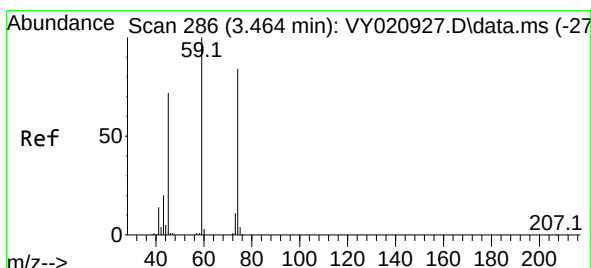
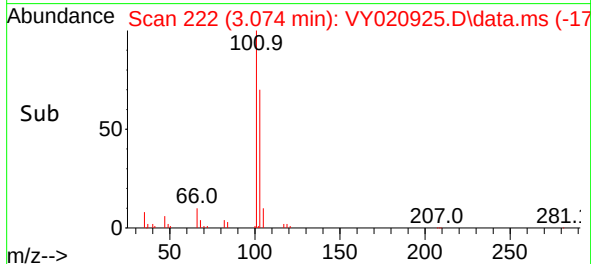
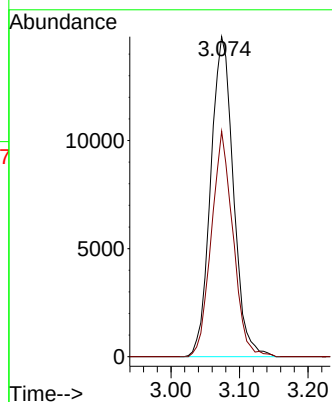
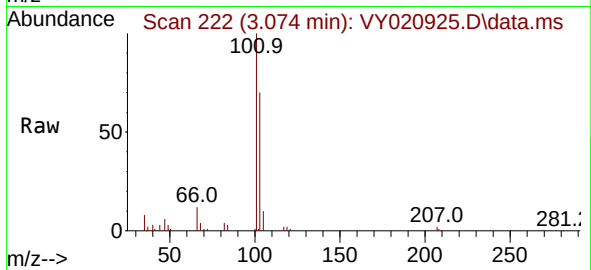




#7
Trichlorofluoromethane
Concen: 9.775 ug/l
RT: 3.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY020925.D
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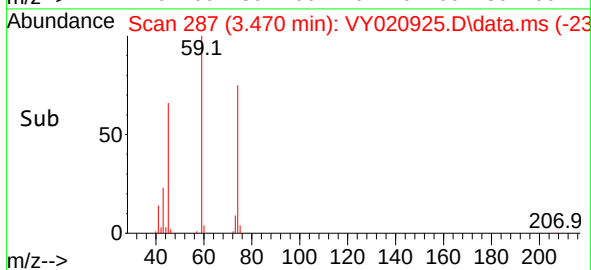
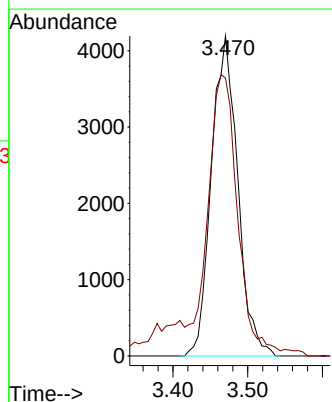
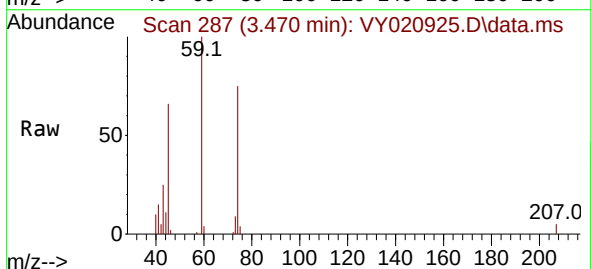
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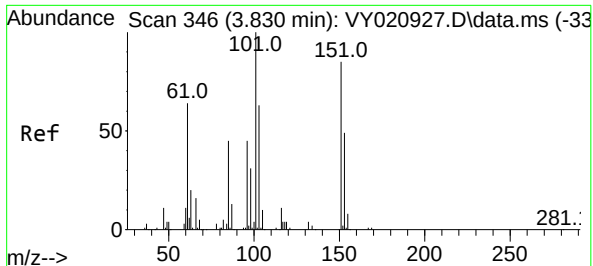
Tgt Ion:101 Resp: 34005
Ion Ratio Lower Upper
101 100
103 70.5 51.0 76.4



#8
Diethyl Ether
Concen: 9.592 ug/l
RT: 3.470 min Scan# 287
Delta R.T. 0.006 min
Lab File: VY020925.D
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Tgt Ion: 74 Resp: 10256
Ion Ratio Lower Upper
74 100
45 99.1 45.1 135.2

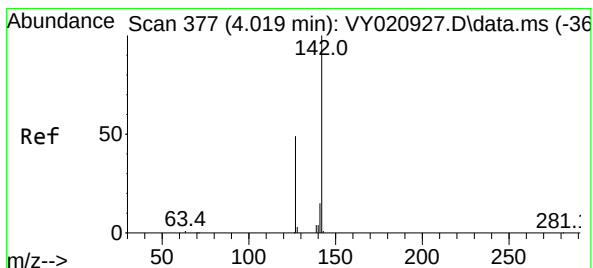
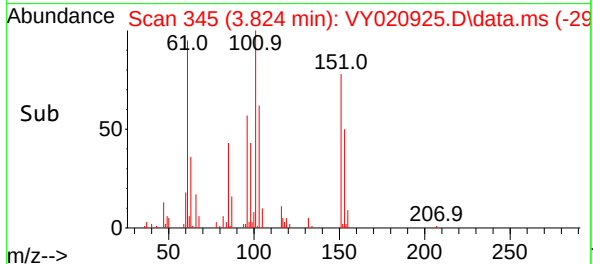
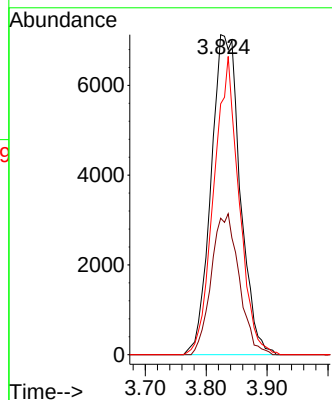
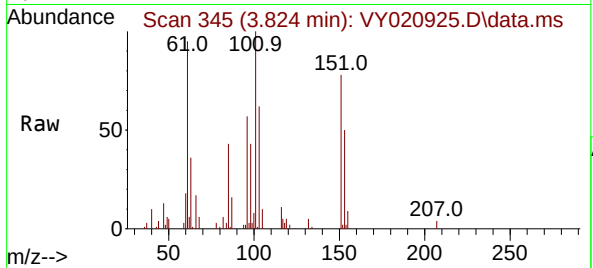




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.276 ug/l
RT: 3.824 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

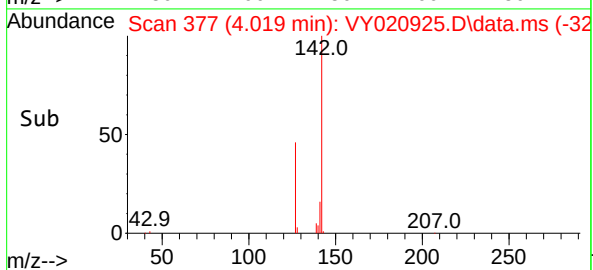
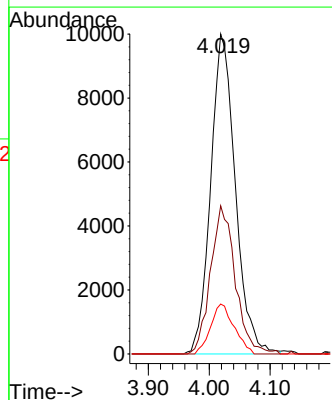
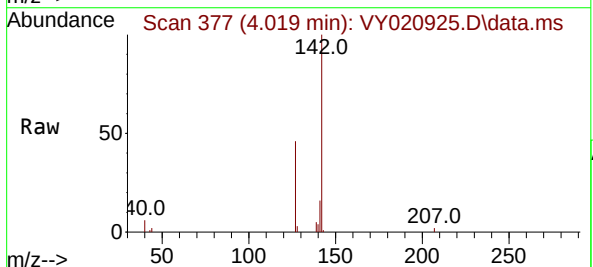
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

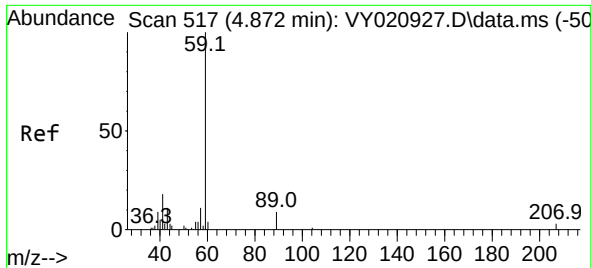
Tgt Ion:101 Resp: 23588
Ion Ratio Lower Upper
101 100
85 42.1 35.4 53.2
151 81.1 66.3 99.5



#10
Methyl Iodide
Concen: 10.264 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:142 Resp: 28078
Ion Ratio Lower Upper
142 100
127 46.5 37.3 55.9
141 14.9 11.4 17.2

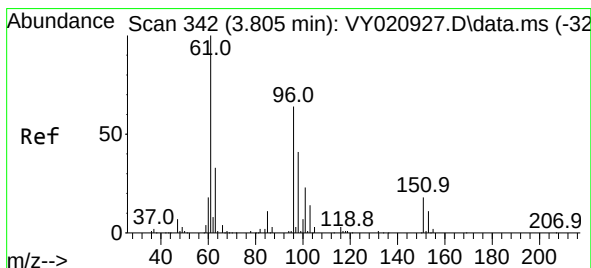
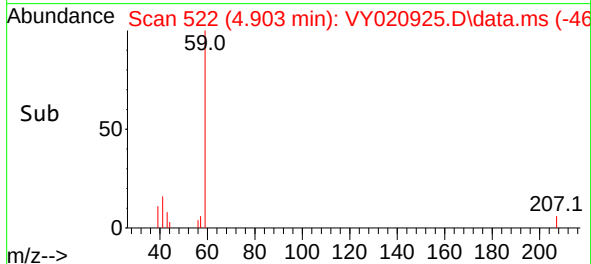
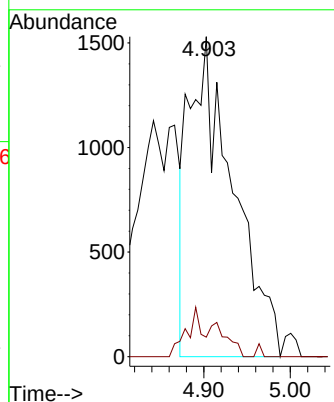
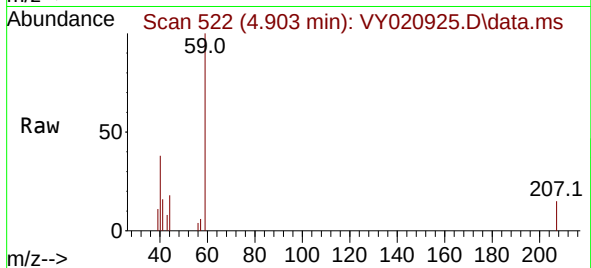




#11
Tert butyl alcohol
Concen: 32.931 ug/l
RT: 4.903 min Scan# 517
Delta R.T. 0.031 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

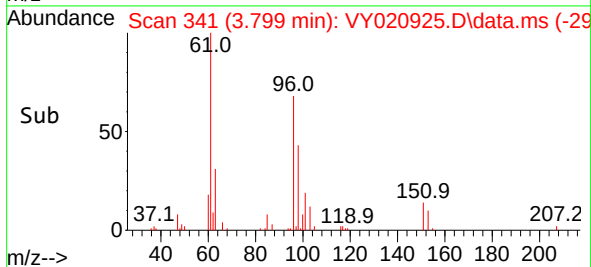
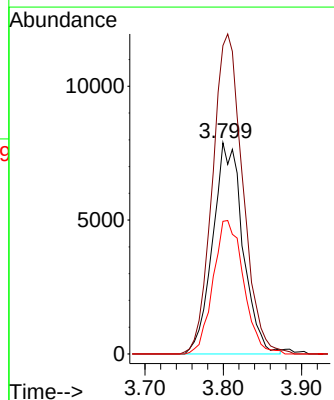
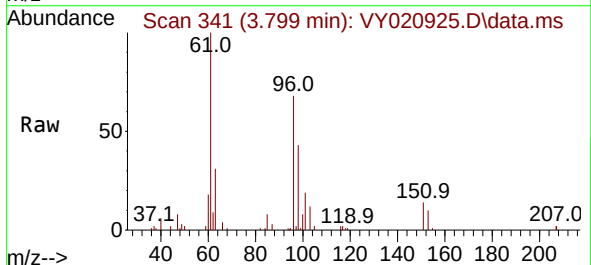
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

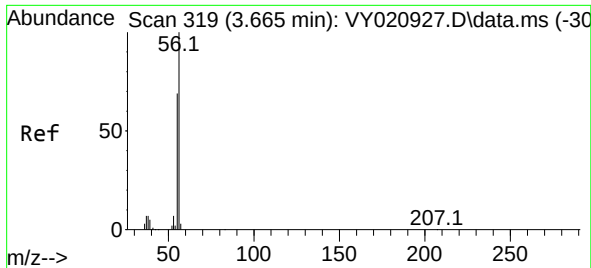
Tgt Ion: 59 Resp: 5413
Ion Ratio Lower Upper
59 100
57 5.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 9.726 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 96 Resp: 21083
Ion Ratio Lower Upper
96 100
61 146.0 124.5 186.7
98 62.8 50.5 75.7

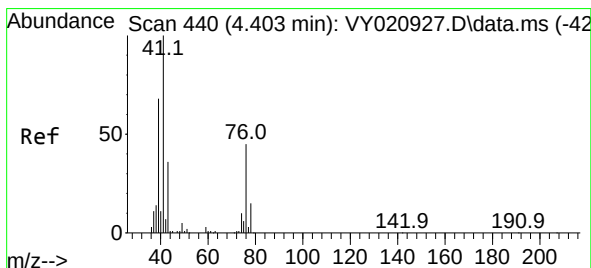
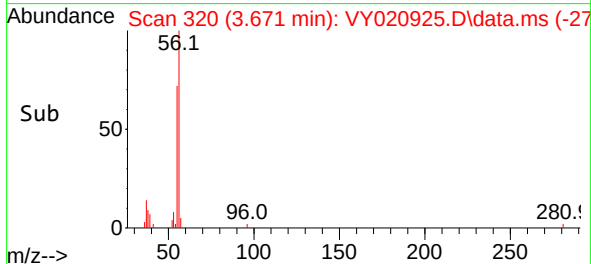
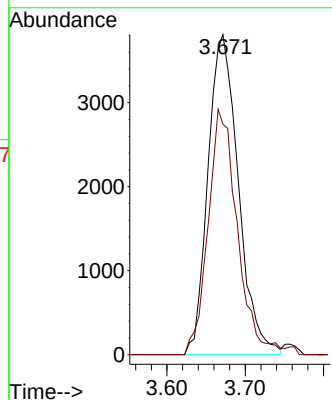
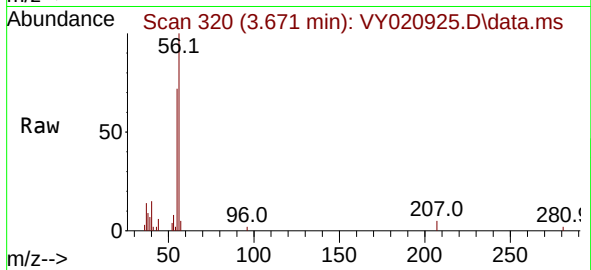




#13
Acrolein
Concen: 46.030 ug/l
RT: 3.671 min Scan# 319
Delta R.T. 0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

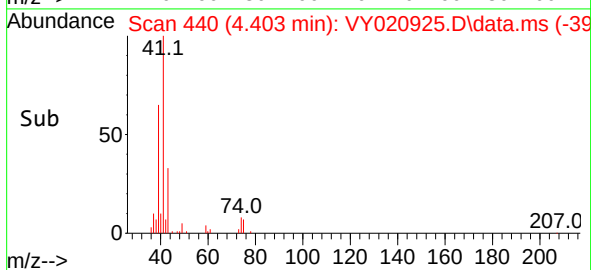
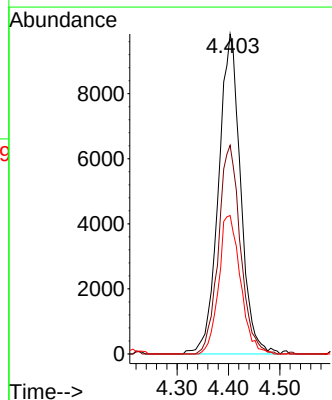
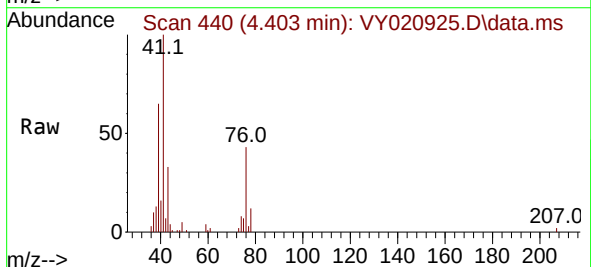
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ClientSampleId :
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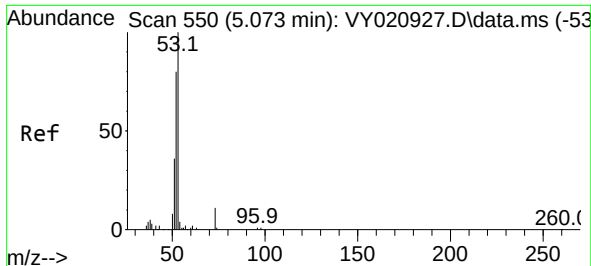
Tgt Ion: 56 Resp: 10257
Ion Ratio Lower Upper
56 100
55 74.5 54.6 81.8



#14
Allyl chloride
Concen: 9.705 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 41 Resp: 29365
Ion Ratio Lower Upper
41 100
39 64.7 53.8 80.6
76 42.5 34.2 51.4

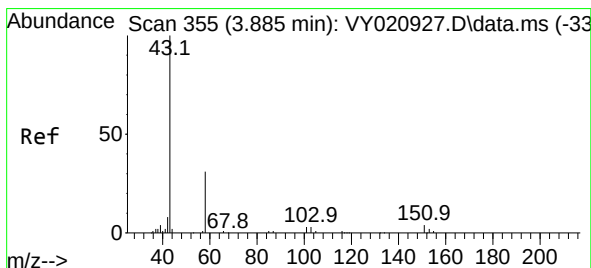
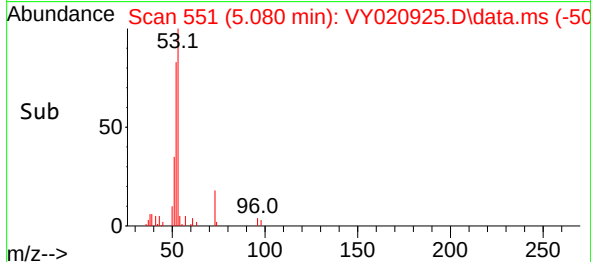
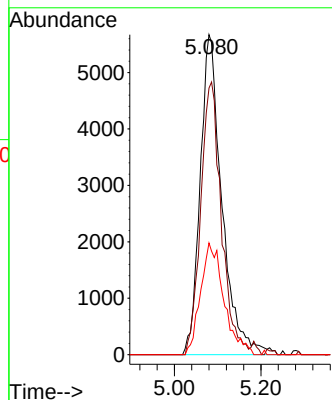
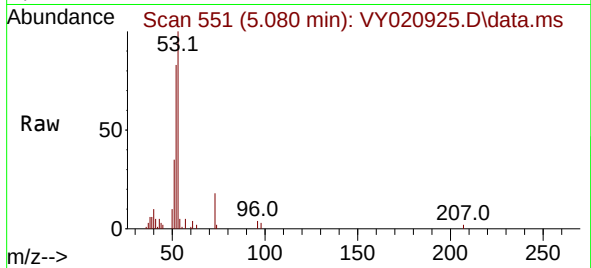




#15
Acrylonitrile
Concen: 47.125 ug/l
RT: 5.080 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

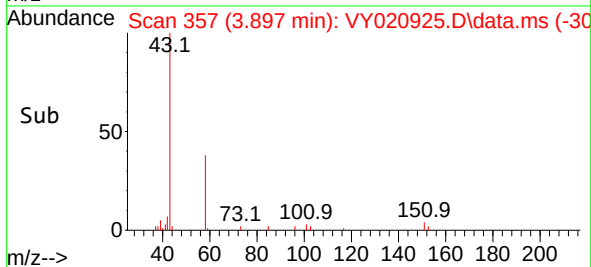
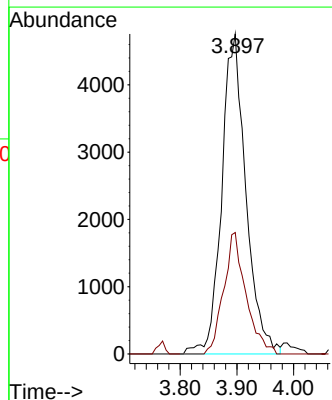
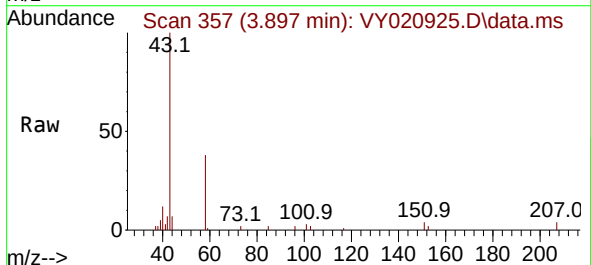
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

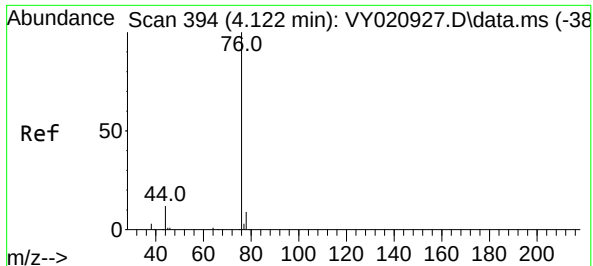
Tgt Ion: 53 Resp: 19806
Ion Ratio Lower Upper
53 100
52 80.5 64.5 96.7
51 37.4 28.9 43.3



#16
Acetone
Concen: 48.778 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.012 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 43 Resp: 14072
Ion Ratio Lower Upper
43 100
58 37.9 25.6 38.4

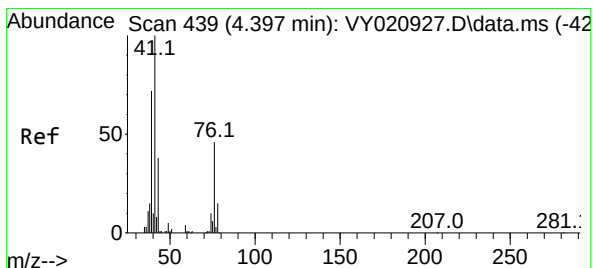
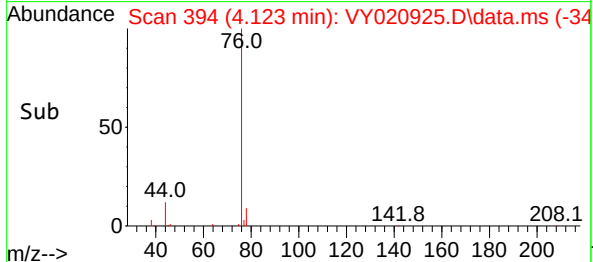
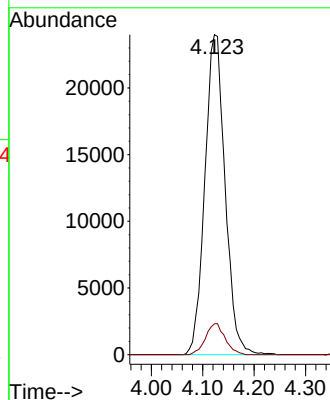
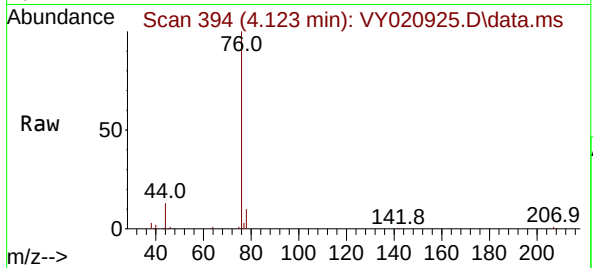




#17
Carbon Disulfide
Concen: 9.818 ug/l
RT: 4.123 min Scan# 394
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

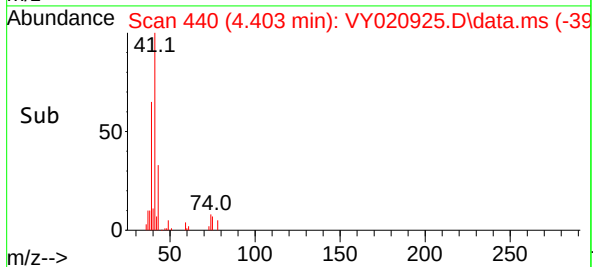
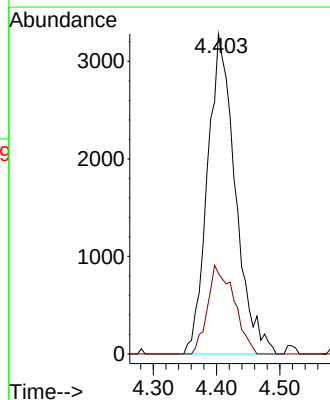
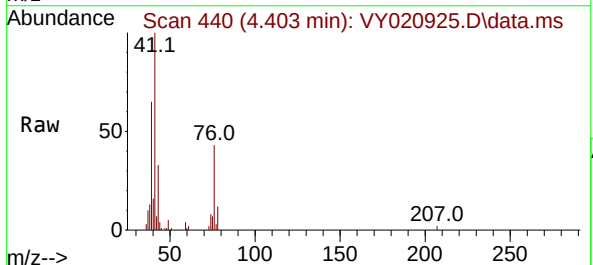
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

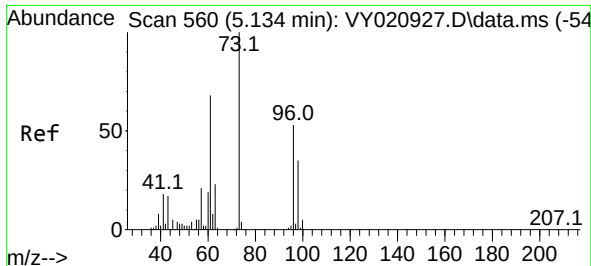
Tgt Ion: 76 Resp: 65728
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 9.623 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 43 Resp: 10029
Ion Ratio Lower Upper
43 100
74 26.3 21.0 31.6

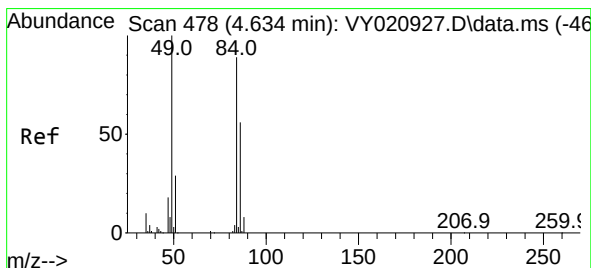
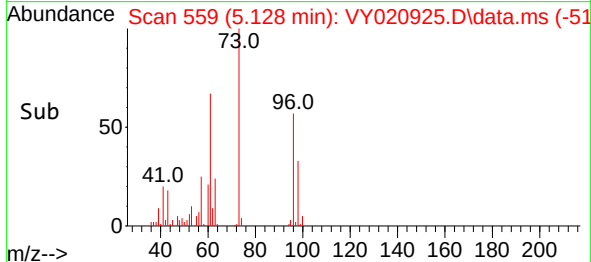
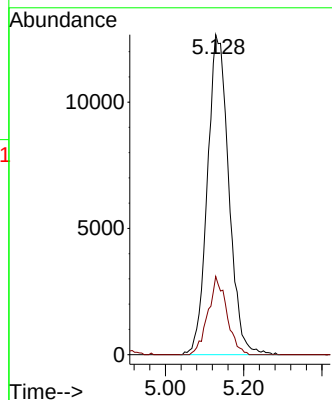
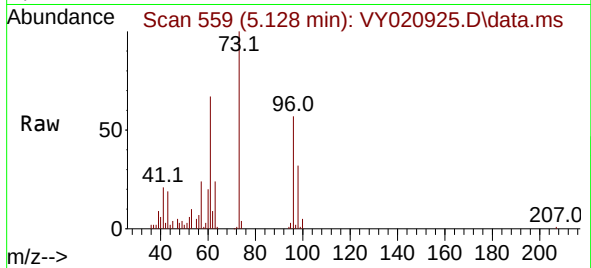




#19
Methyl tert-butyl Ether
Concen: 9.565 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

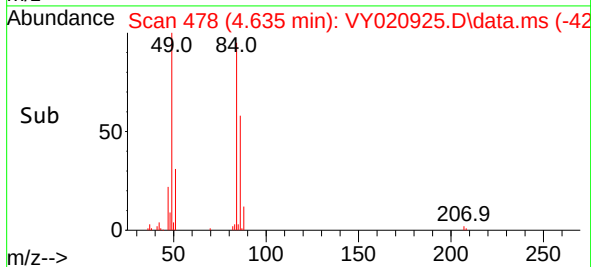
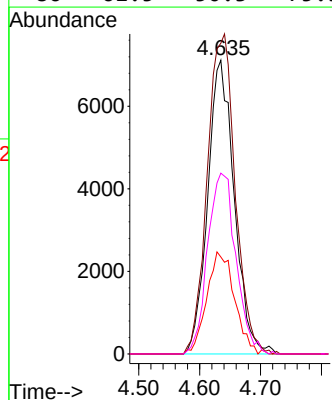
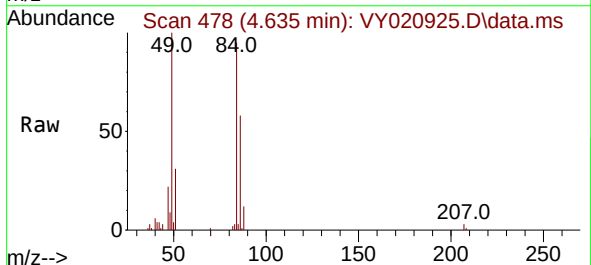
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

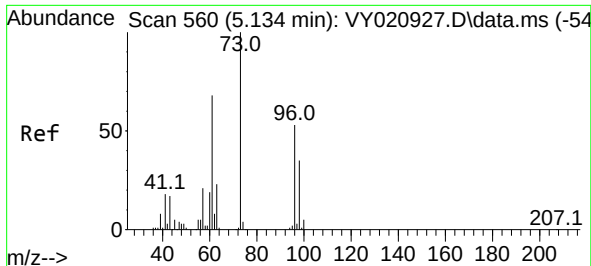
Tgt Ion: 73 Resp: 48025
Ion Ratio Lower Upper
73 100
57 24.4 17.0 25.6



#20
Methylene Chloride
Concen: 10.046 ug/l
RT: 4.635 min Scan# 478
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 84 Resp: 21555
Ion Ratio Lower Upper
84 100
49 105.7 90.3 135.5
51 33.0 26.6 39.8
86 61.5 50.3 75.5

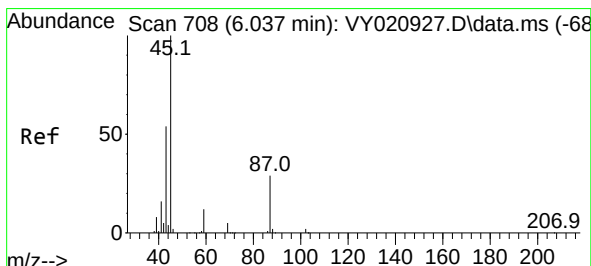
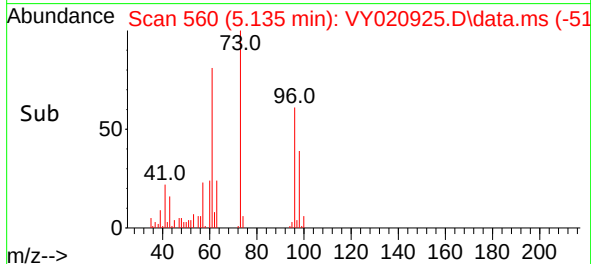
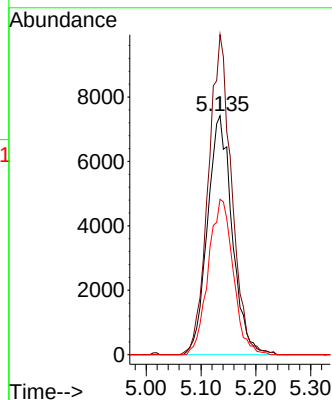
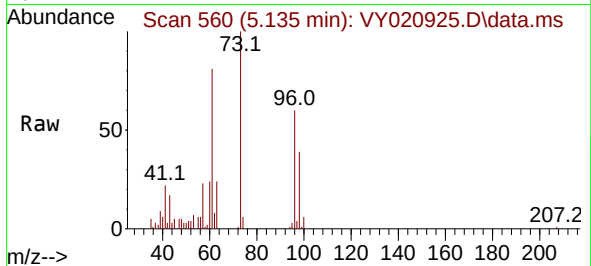




#21
trans-1,2-Dichloroethene
Concen: 9.915 ug/l
RT: 5.135 min Scan# 501
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

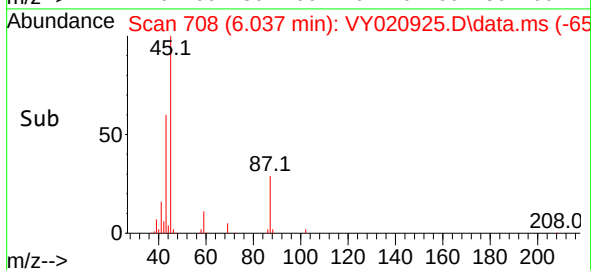
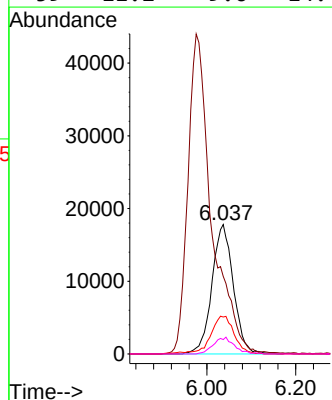
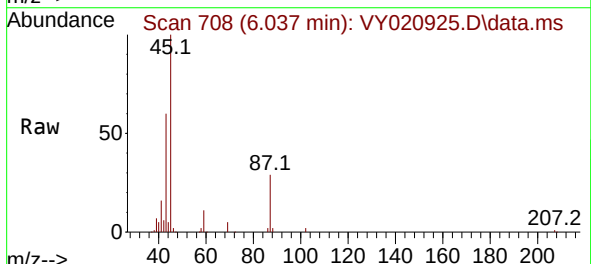
Instrument :
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ClientSampleId :
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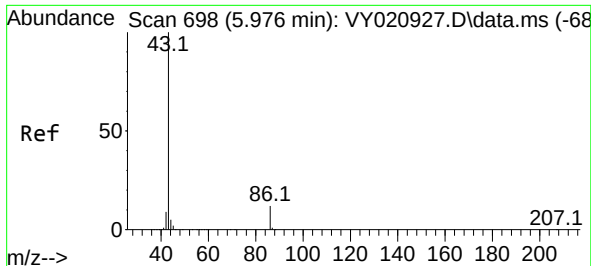
Tgt Ion: 96 Resp: 23173
Ion Ratio Lower Upper
96 100
61 133.9 102.4 153.6
98 65.0 52.0 78.0



#22
Diisopropyl ether
Concen: 9.788 ug/l
RT: 6.037 min Scan# 708
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 45 Resp: 59569
Ion Ratio Lower Upper
45 100
43 59.2 43.2 64.8
87 28.6 23.4 35.0
59 11.2 9.6 14.4

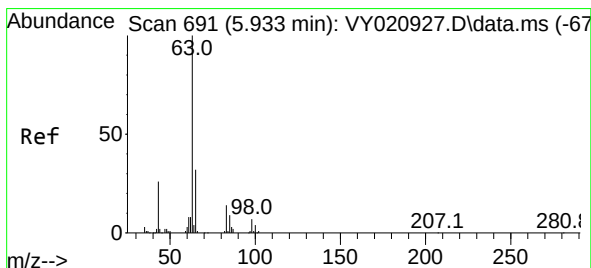
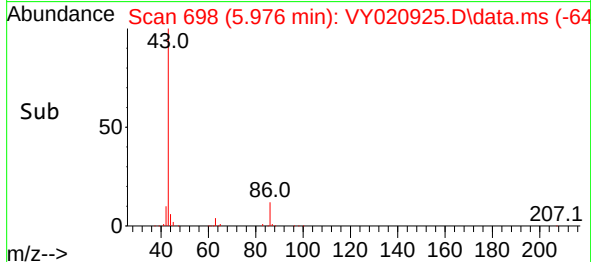
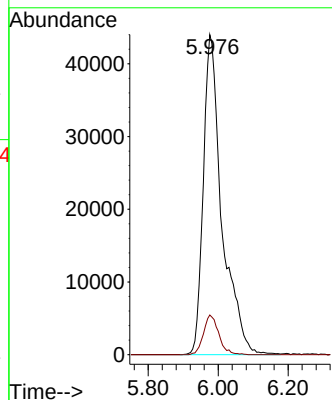
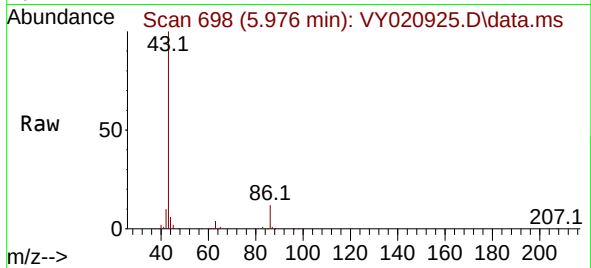




#23
 Vinyl Acetate
 Concen: 48.359 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

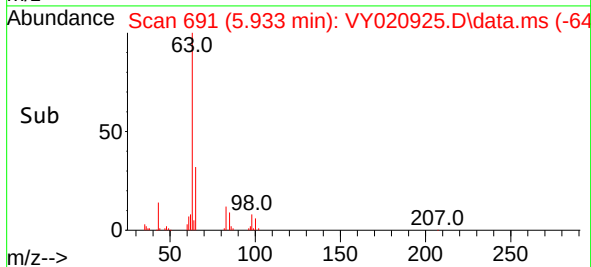
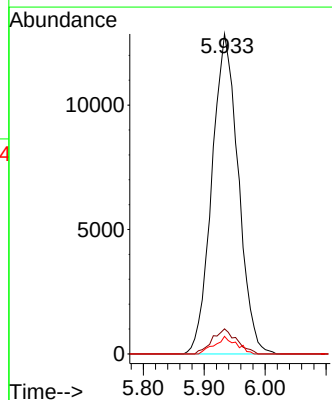
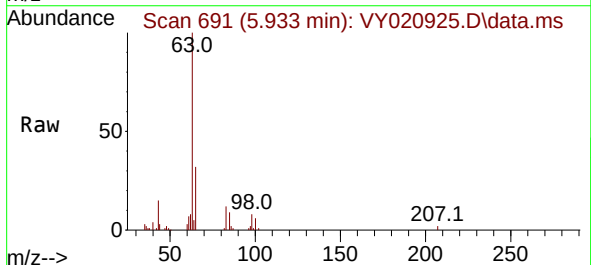
Instrument :
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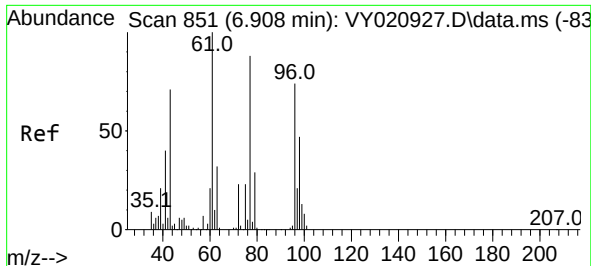
Tgt Ion: 43 Resp: 162886
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 10.037 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

Tgt Ion: 63 Resp: 38720
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 5.5 2.3 6.8

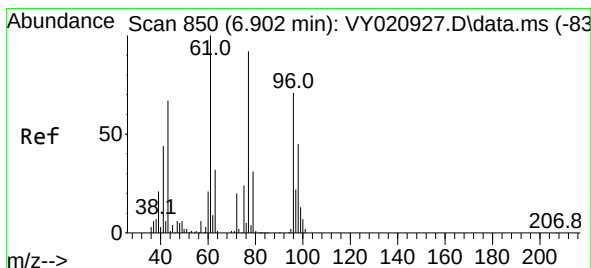
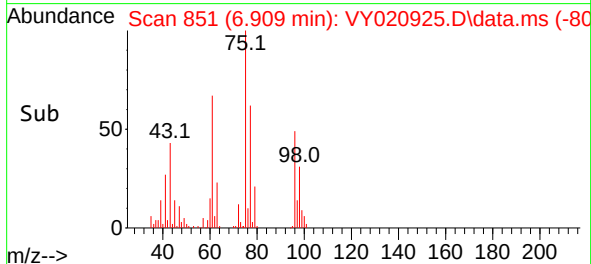
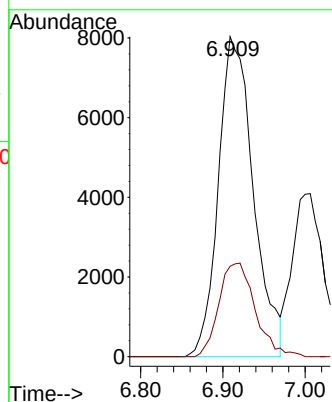
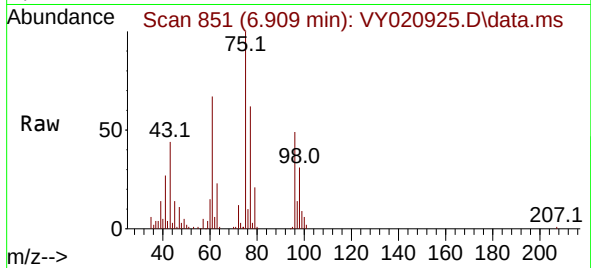




#25
2-Butanone
Concen: 48.634 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

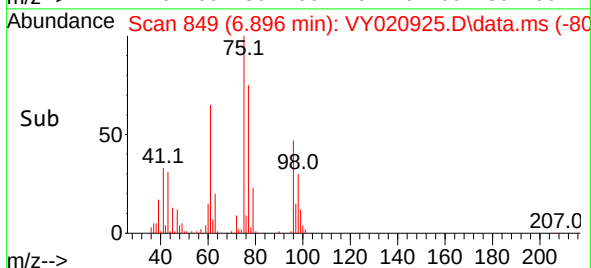
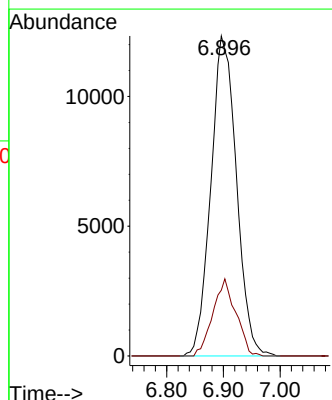
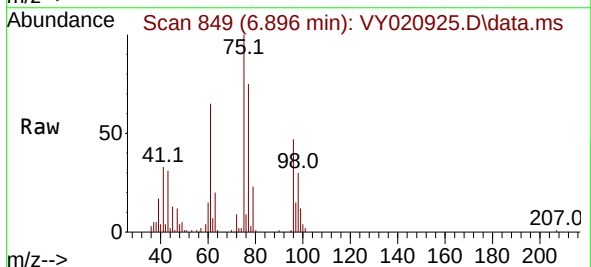
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ClientSampleId :
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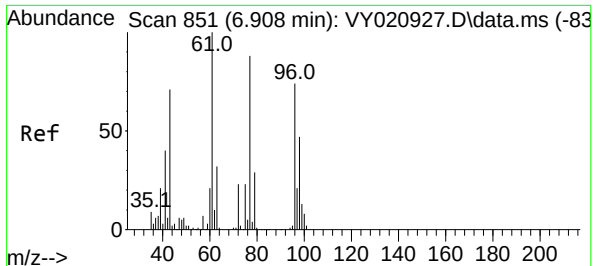
Tgt Ion: 43 Resp: 23767
Ion Ratio Lower Upper
43 100
72 28.2 25.8 38.8



#26
2,2-Dichloropropane
Concen: 10.168 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 77 Resp: 38637
Ion Ratio Lower Upper
77 100
97 21.7 11.7 35.1

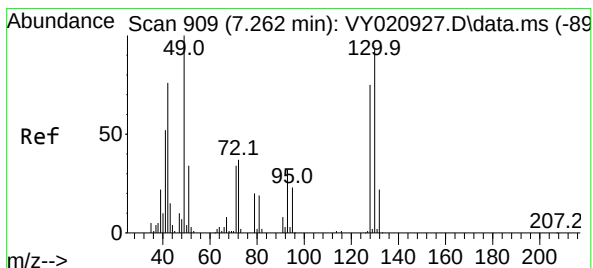
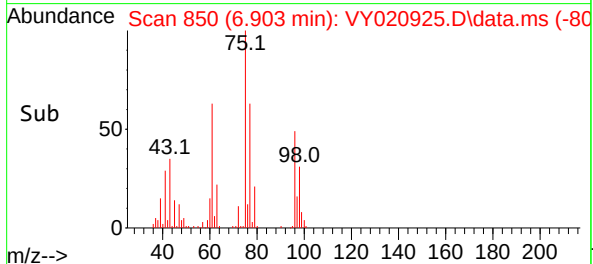
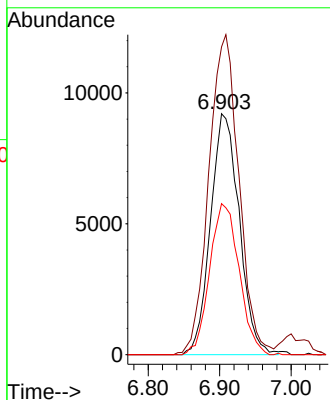
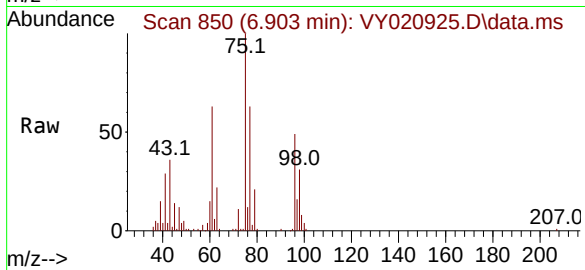




#27
 cis-1,2-Dichloroethene
 Concen: 9.756 ug/l
 RT: 6.903 min Scan# 851
 Delta R.T. -0.006 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

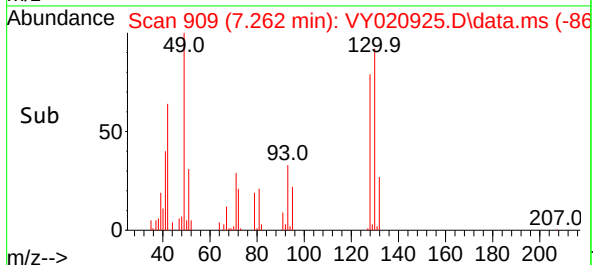
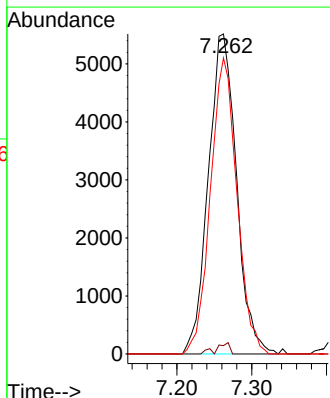
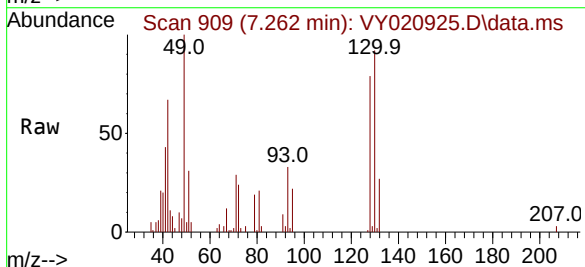
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

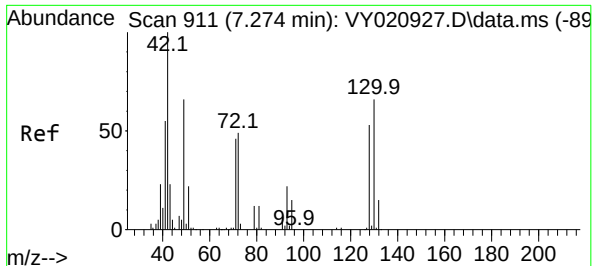
Tgt Ion: 96 Resp: 25733
 Ion Ratio Lower Upper
 96 100
 61 138.8 0.0 275.2
 98 64.1 0.0 129.6



#28
 Bromochloromethane
 Concen: 9.285 ug/l
 RT: 7.262 min Scan# 909
 Delta R.T. 0.000 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

Tgt Ion: 49 Resp: 14417
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 87.0 72.6 109.0





#29

Tetrahydrofuran

Concen: 48.896 ug/l

RT: 7.287 min Scan# 911

Delta R.T. 0.012 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

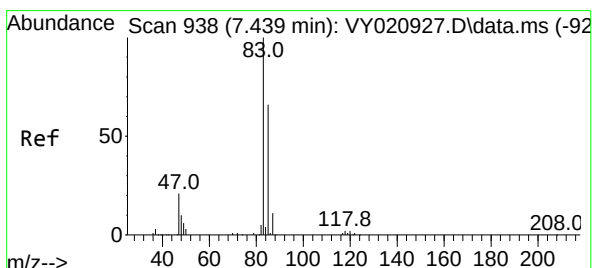
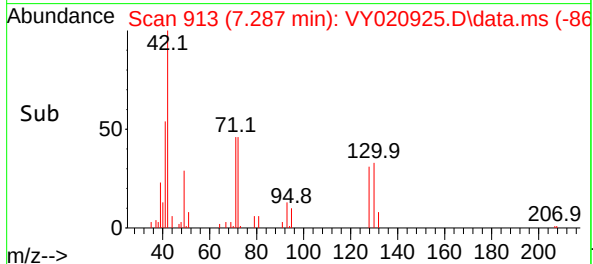
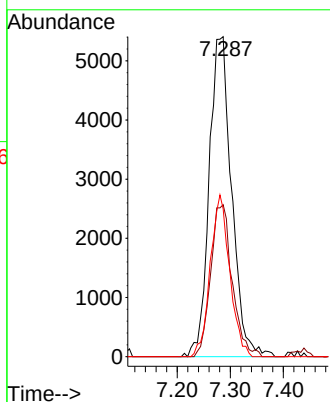
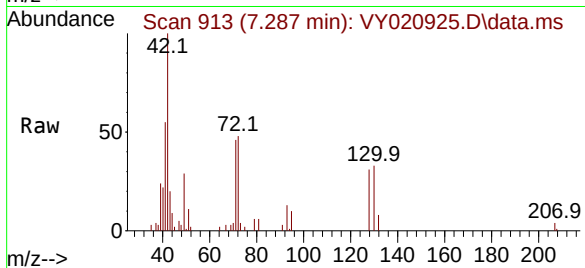
Tgt Ion: 42 Resp: 15925

Ion Ratio Lower Upper

42 100

72 45.5 38.8 58.2

71 43.7 36.4 54.6



#30

Chloroform

Concen: 9.899 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020925.D

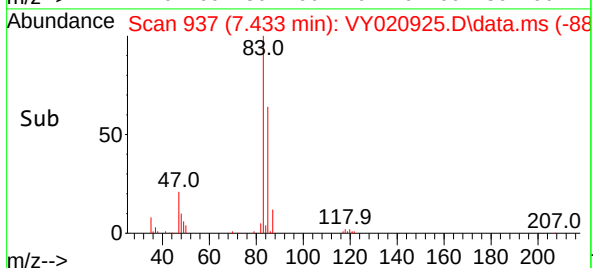
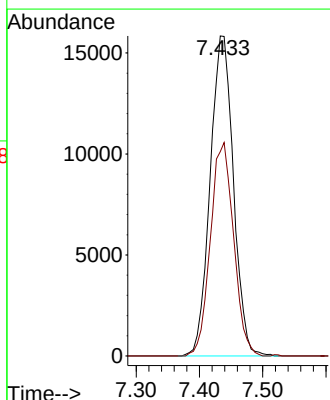
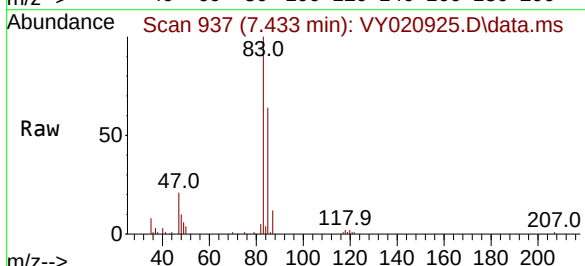
Acq: 24 Jan 2025 13:11

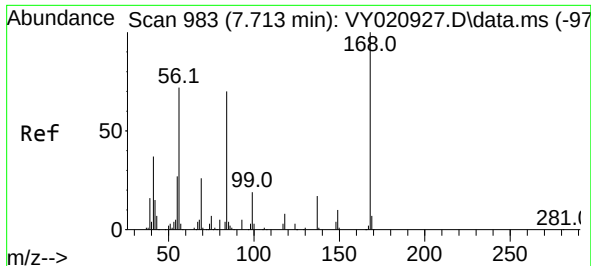
Tgt Ion: 83 Resp: 40417

Ion Ratio Lower Upper

83 100

85 63.8 53.0 79.4

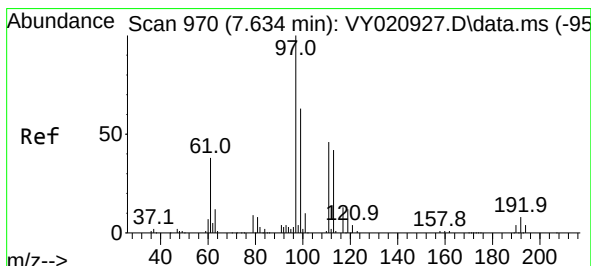
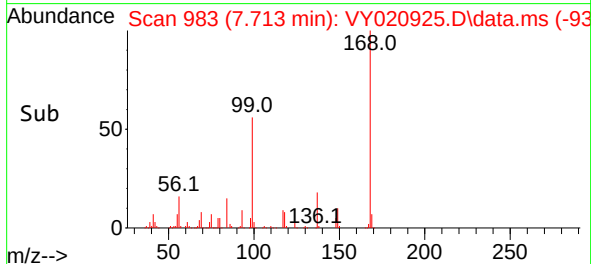
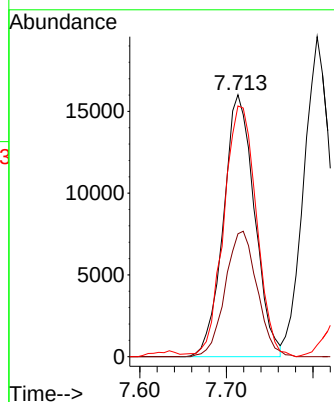
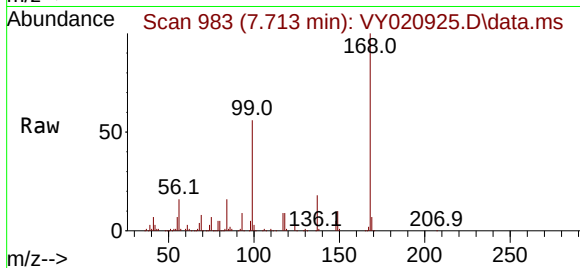




#31
Cyclohexane
Concen: 10.549 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

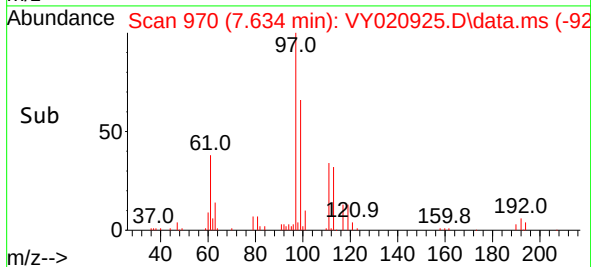
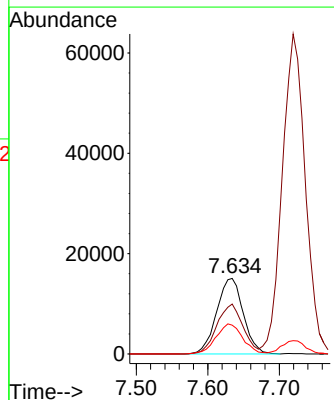
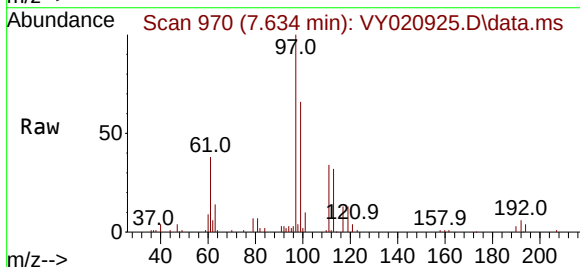
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

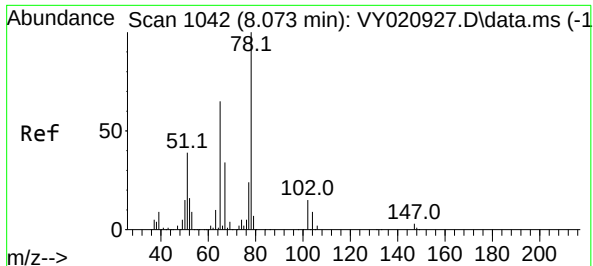
Tgt Ion: 56 Resp: 39999
Ion Ratio Lower Upper
56 100
69 46.9 28.7 43.1#
84 94.8 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 9.814 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 97 Resp: 38867
Ion Ratio Lower Upper
97 100
99 64.9 51.7 77.5
61 39.9 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 6.333 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

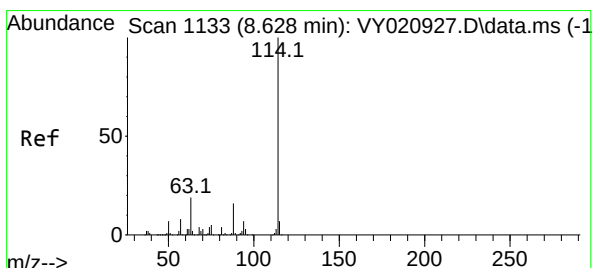
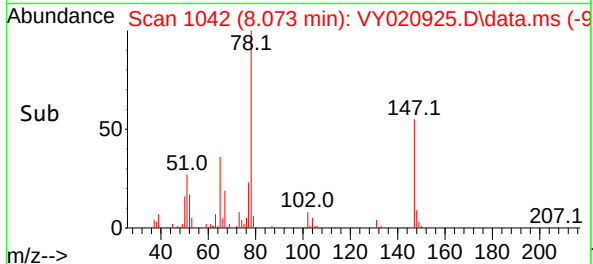
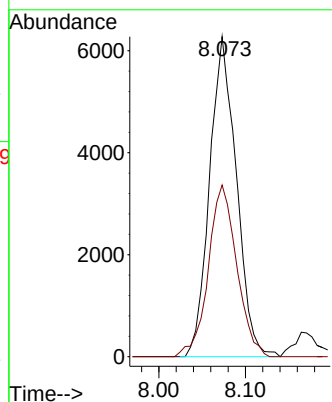
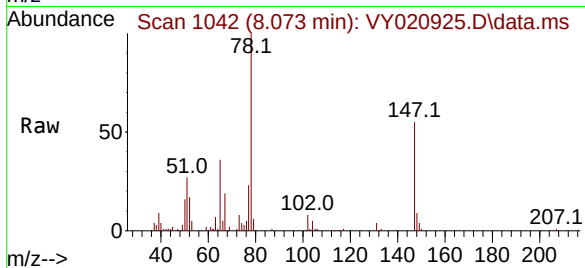
VSTDIC010

Tgt Ion: 65 Resp: 13484

Ion Ratio Lower Upper

65 100

67 56.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.628 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

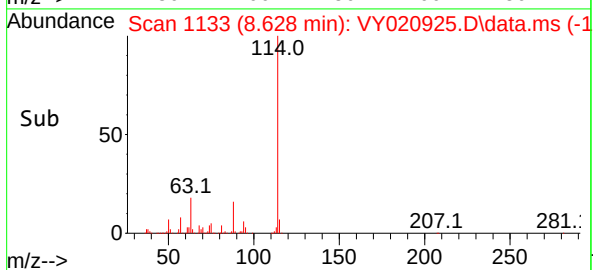
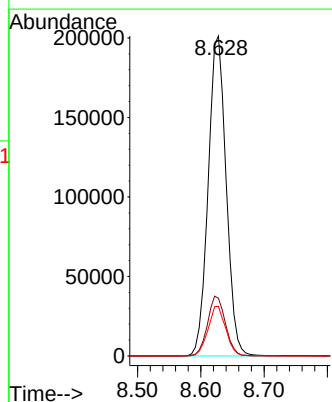
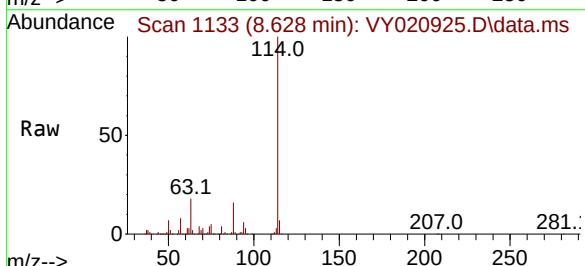
Tgt Ion:114 Resp: 397496

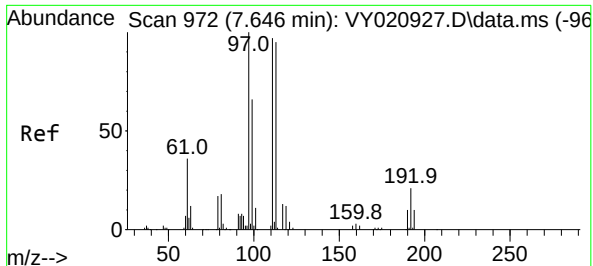
Ion Ratio Lower Upper

114 100

63 18.1 0.0 38.4

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 7.755 ug/l

RT: 7.652 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

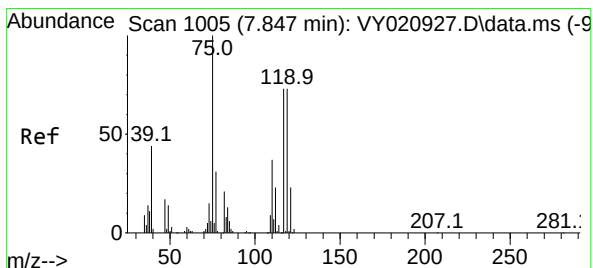
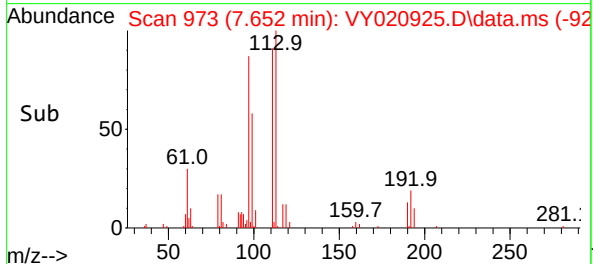
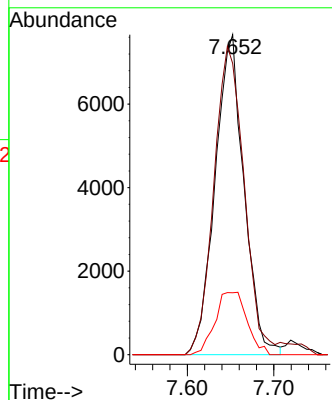
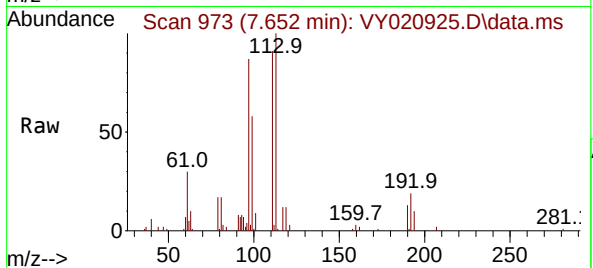
Tgt Ion:113 Resp: 17696

Ion Ratio Lower Upper

113 100

111 104.6 82.3 123.5

192 21.6 17.4 26.2



#36

1,1-Dichloropropene

Concen: 9.975 ug/l

RT: 7.847 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

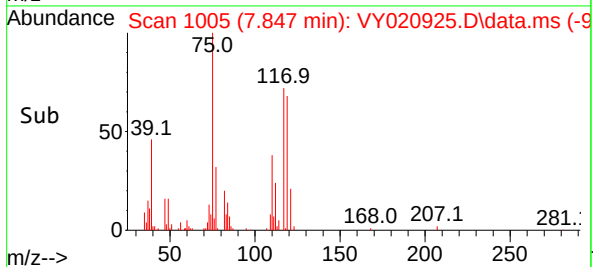
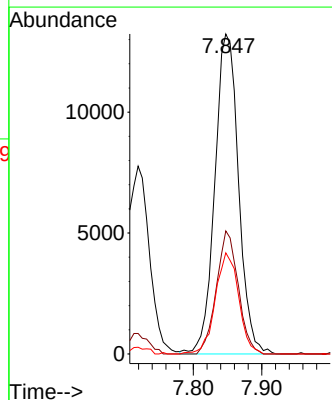
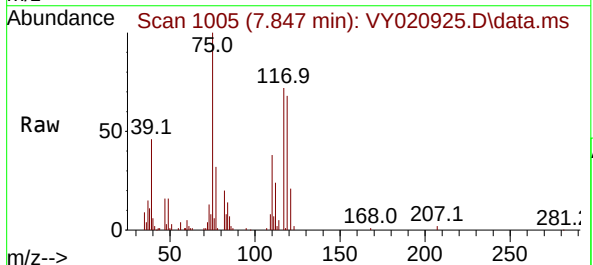
Tgt Ion: 75 Resp: 31782

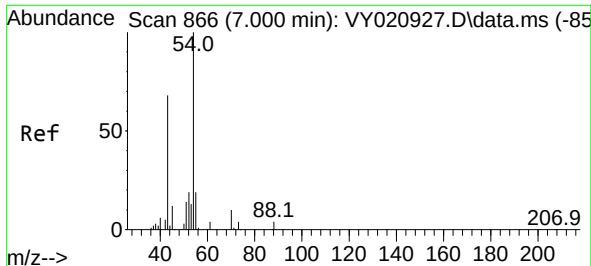
Ion Ratio Lower Upper

75 100

110 35.3 18.5 55.5

77 31.1 25.0 37.4





#37

Ethyl Acetate

Concen: 9.443 ug/l

RT: 7.006 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

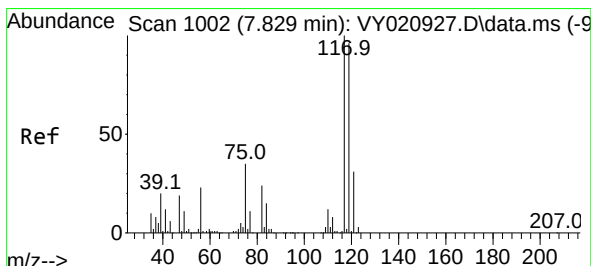
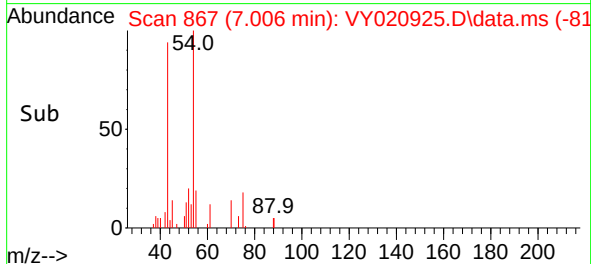
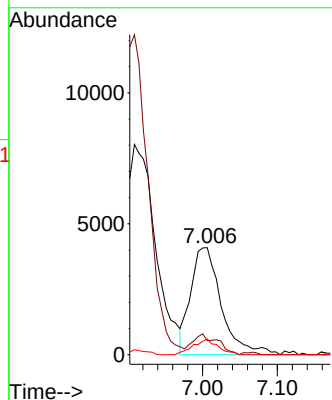
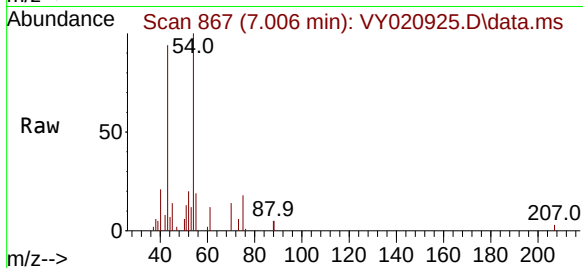
Tgt Ion: 43 Resp: 11673

Ion Ratio Lower Upper

43 100

61 15.7 12.1 18.1

70 11.6 9.5 14.3



#38

Carbon Tetrachloride

Concen: 9.969 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

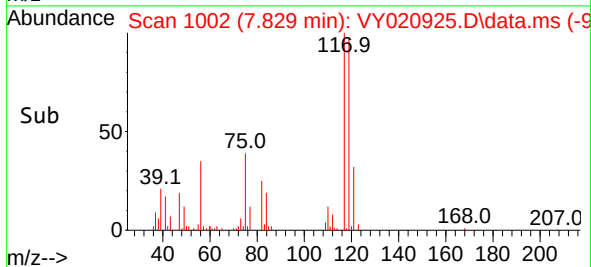
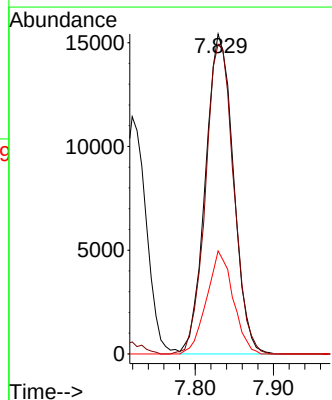
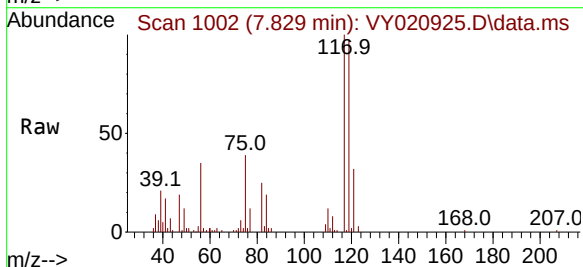
Tgt Ion: 117 Resp: 38303

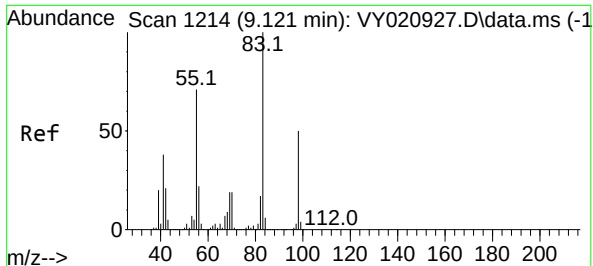
Ion Ratio Lower Upper

117 100

119 96.8 76.5 114.7

121 32.2 25.0 37.4





#39

Methylcyclohexane

Concen: 9.659 ug/l

RT: 9.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

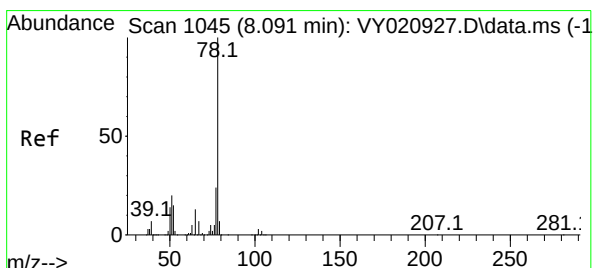
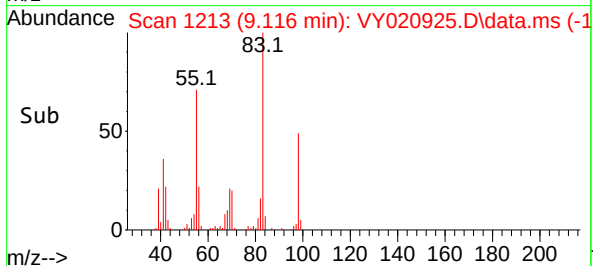
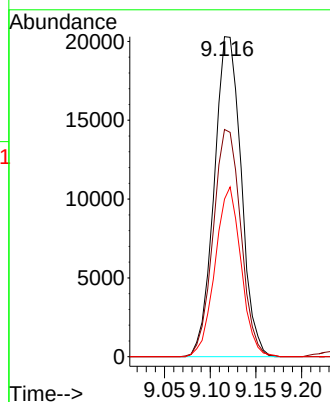
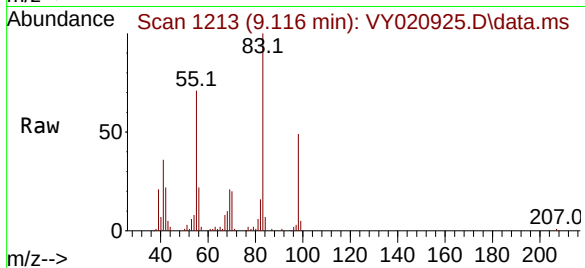
Tgt Ion: 83 Resp: 41663

Ion Ratio Lower Upper

83 100

55 71.0 57.0 85.4

98 49.3 40.1 60.1



#40

Benzene

Concen: 9.814 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020925.D

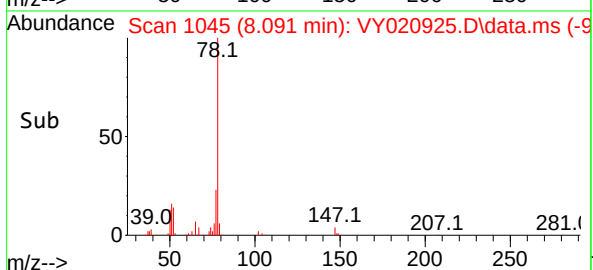
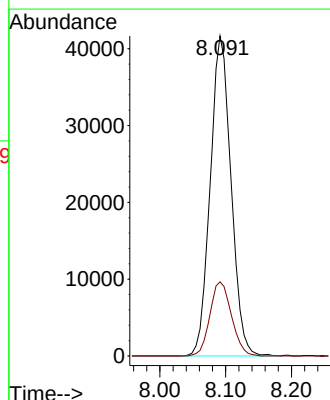
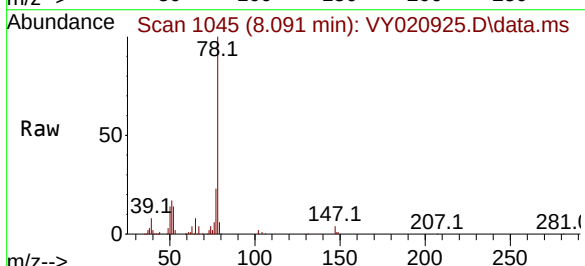
Acq: 24 Jan 2025 13:11

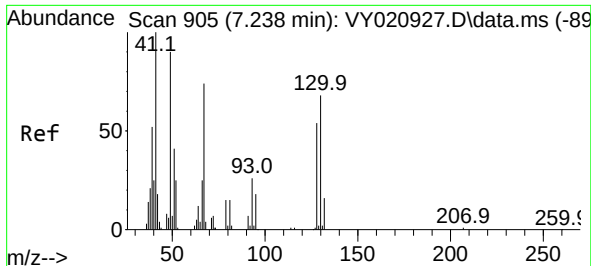
Tgt Ion: 78 Resp: 91728

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

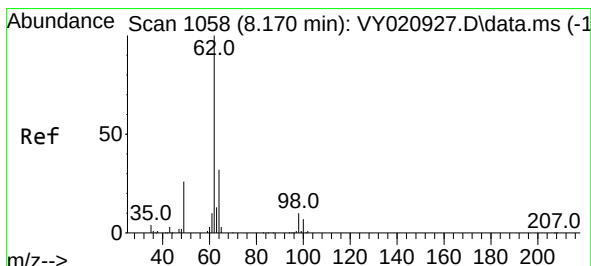
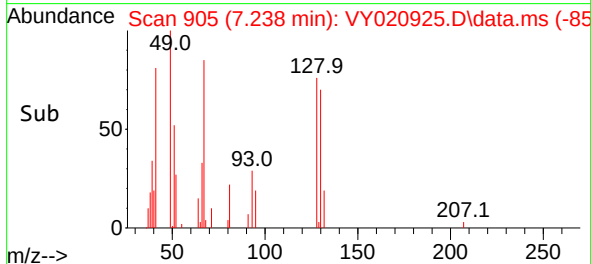
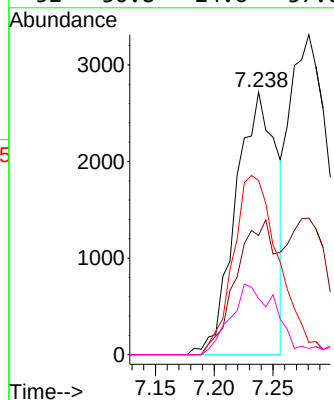
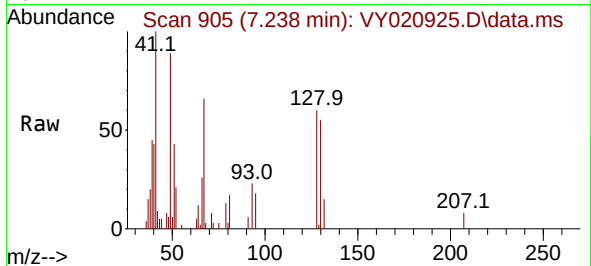




#41
Methacrylonitrile
Concen: 10.069 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

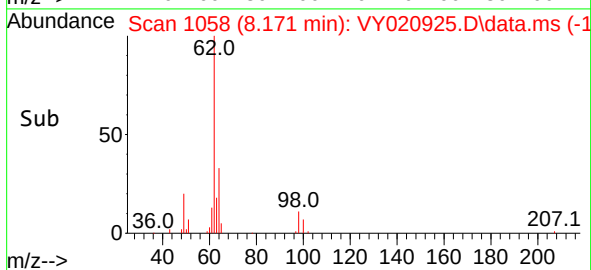
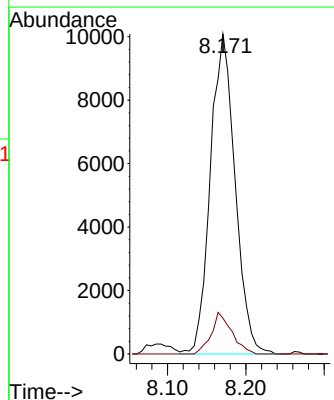
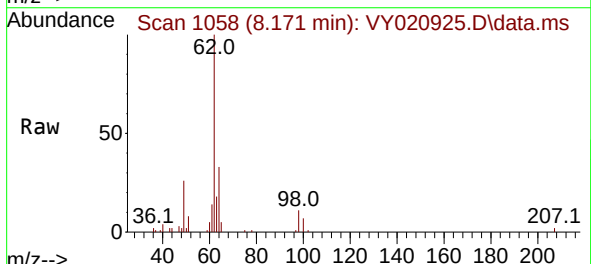
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

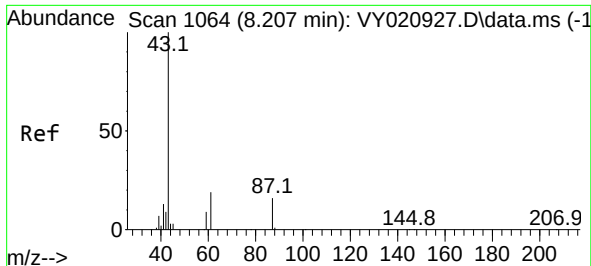
Tgt Ion:	41	Resp:	6575
Ion	Ratio	Lower	Upper
41	100		
39	51.3	46.4	69.6
67	77.2	66.7	100.1
52	30.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 9.520 ug/l
RT: 8.171 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:	62	Resp:	22142
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	19.8

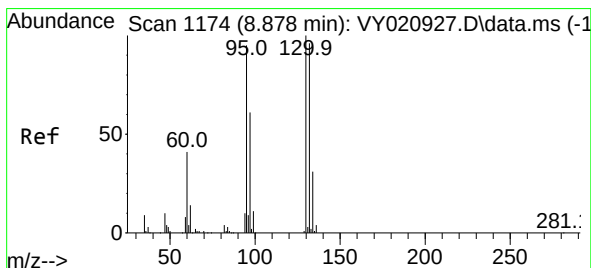
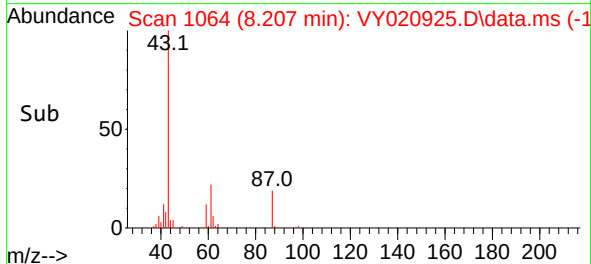
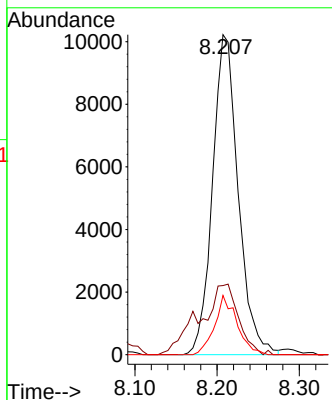
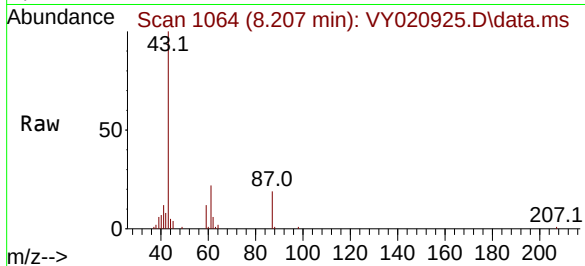




#43
Isopropyl Acetate
Concen: 9.466 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

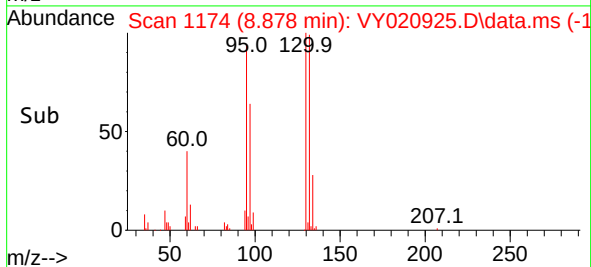
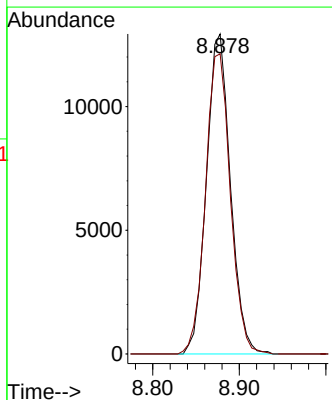
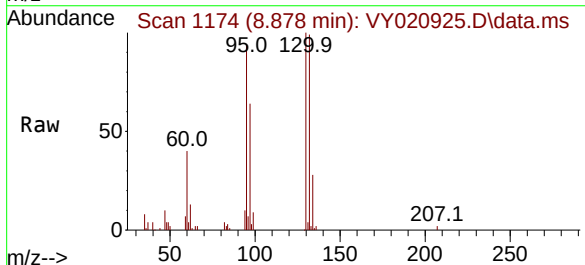
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

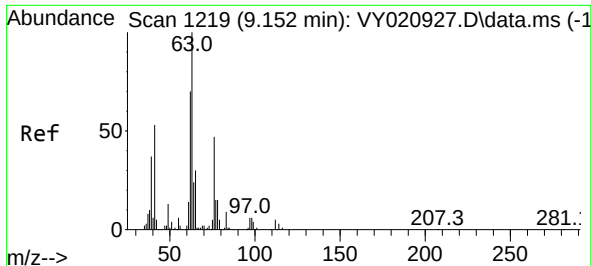
Tgt Ion: 43 Resp: 22188
Ion Ratio Lower Upper
43 100
61 21.2 26.0 39.0#
87 16.1 12.4 18.6



#44
Trichloroethene
Concen: 9.822 ug/l
RT: 8.878 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:130 Resp: 24942
Ion Ratio Lower Upper
130 100
95 93.8 0.0 189.4





#45

1,2-Dichloropropane

Concen: 9.925 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

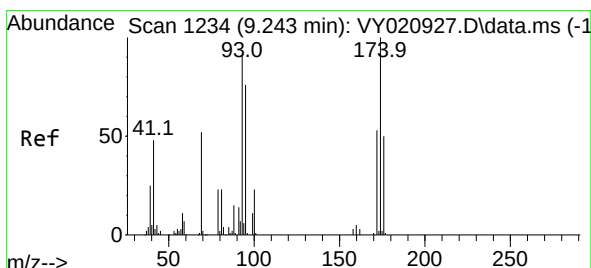
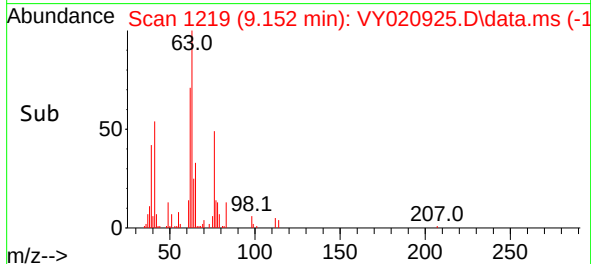
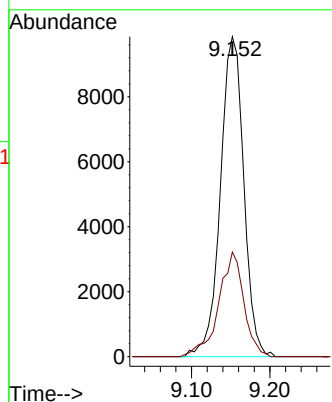
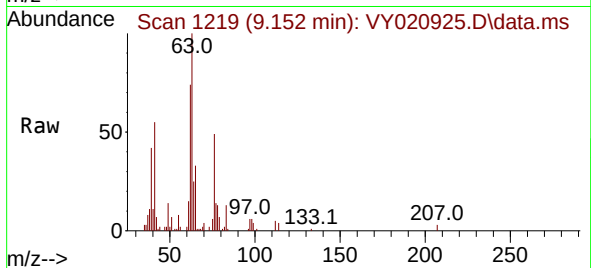
VSTDIC010

Tgt Ion: 63 Resp: 20477

Ion Ratio Lower Upper

63 100

65 32.7 23.9 35.9



#46

Dibromomethane

Concen: 9.618 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

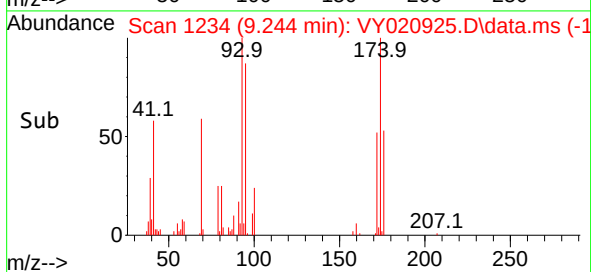
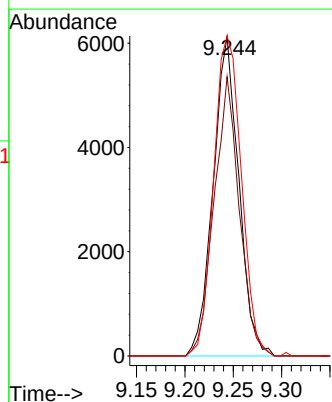
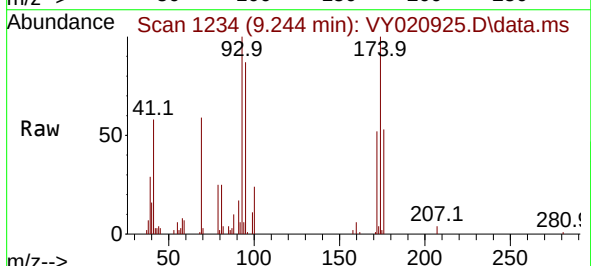
Tgt Ion: 93 Resp: 11282

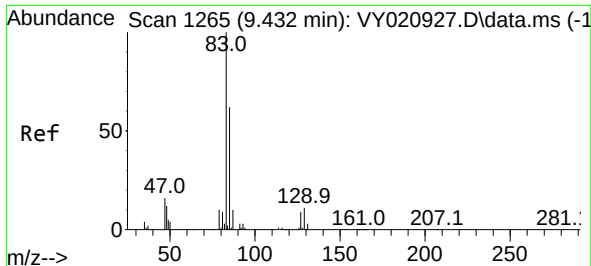
Ion Ratio Lower Upper

93 100

95 86.0 66.2 99.2

174 108.1 87.0 130.4

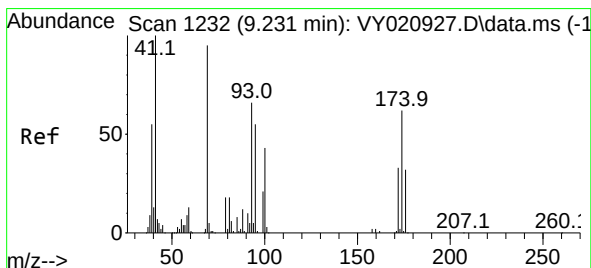
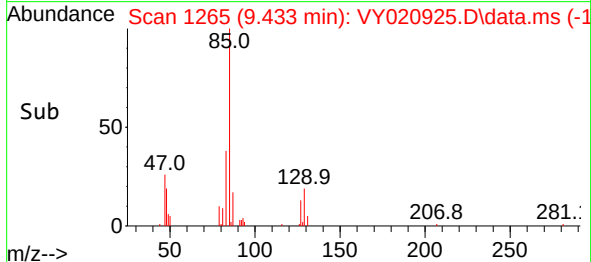
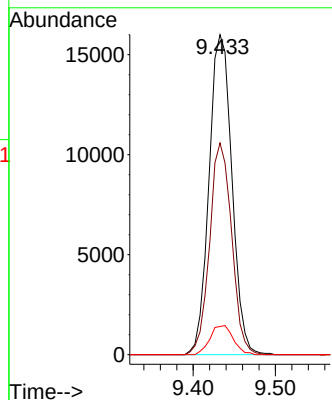
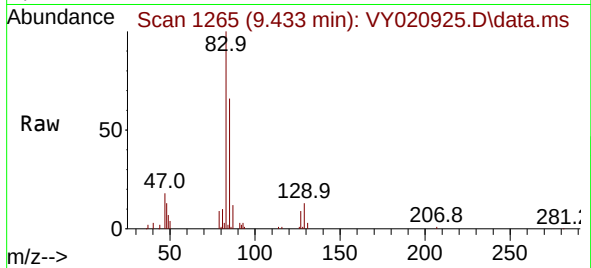




#47
Bromodichloromethane
Concen: 9.908 ug/l
RT: 9.433 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

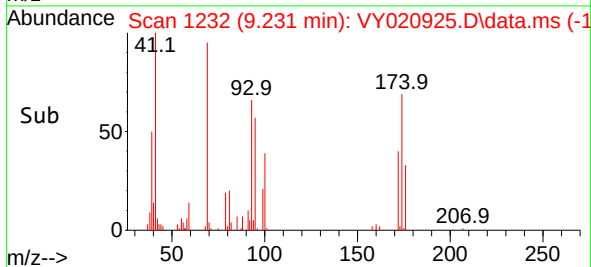
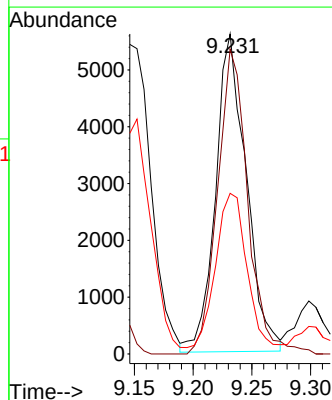
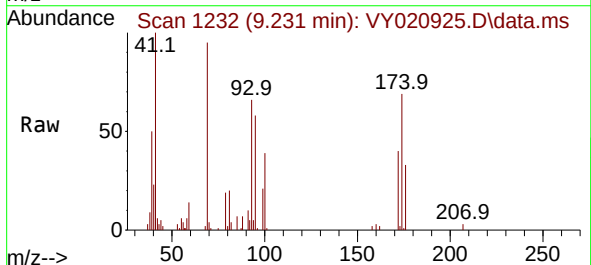
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

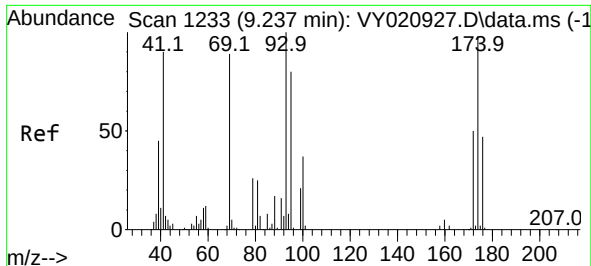
Tgt Ion: 83 Resp: 30922
Ion Ratio Lower Upper
83 100
85 66.1 49.3 73.9
127 8.8 7.4 11.0



#48
Methyl methacrylate
Concen: 9.169 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 41 Resp: 10138
Ion Ratio Lower Upper
41 100
69 94.9 77.0 115.4
39 52.1 41.1 61.7





#49

1,4-Dioxane

Concen: 186.964 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.012 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

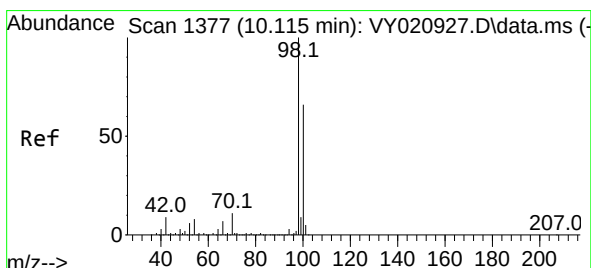
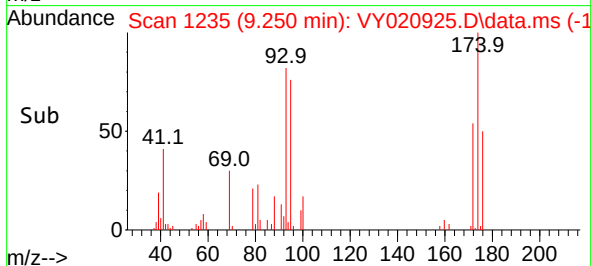
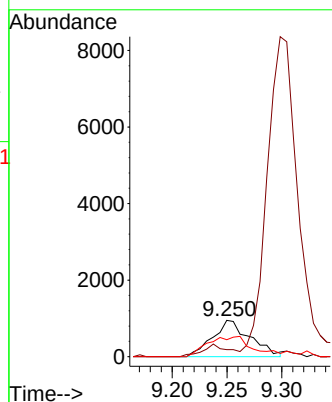
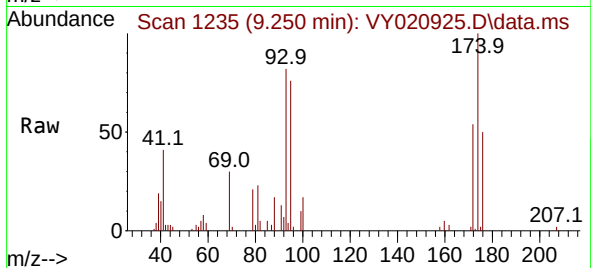
Tgt Ion: 88 Resp: 2258

Ion Ratio Lower Upper

88 100

43 23.9 23.1 34.7

58 0.0 49.0 73.6#



#50

Toluene-d8

Concen: 4.818 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020925.D

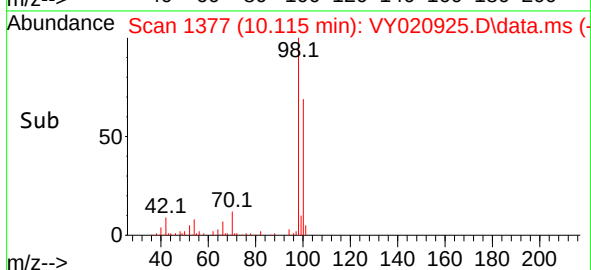
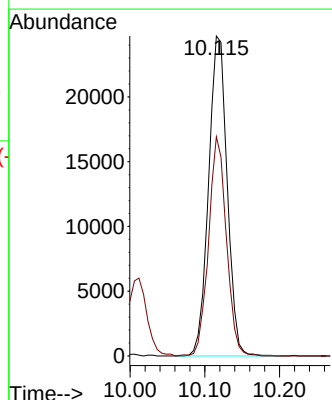
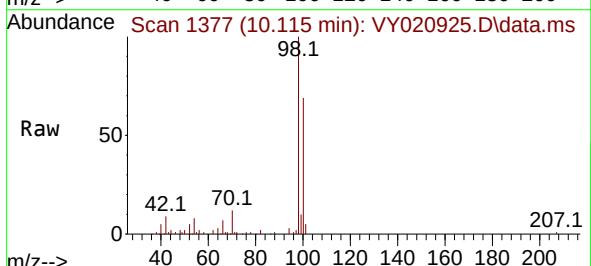
Acq: 24 Jan 2025 13:11

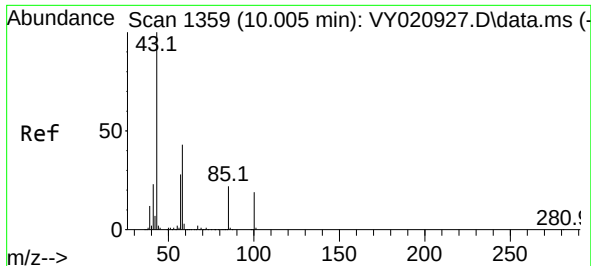
Tgt Ion: 98 Resp: 42646

Ion Ratio Lower Upper

98 100

100 65.7 52.3 78.5

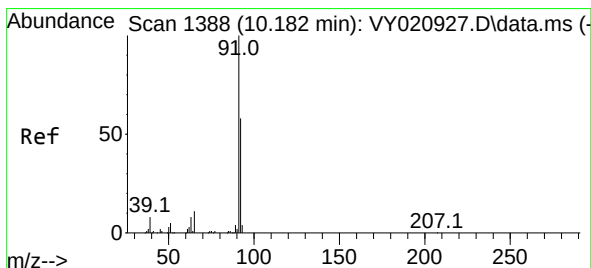
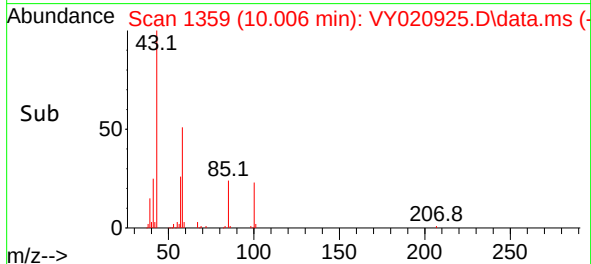
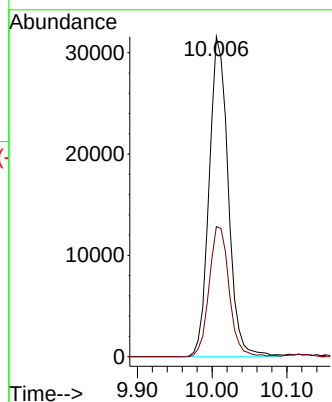
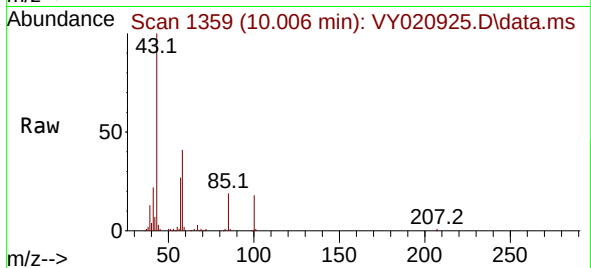




#51
4-Methyl-2-Pentanone
Concen: 47.436 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

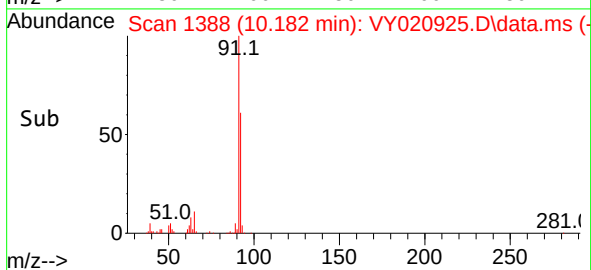
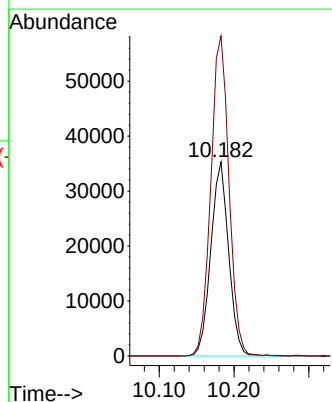
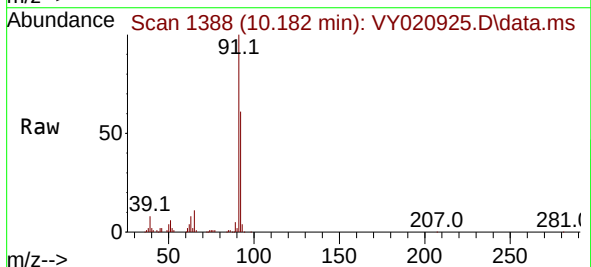
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

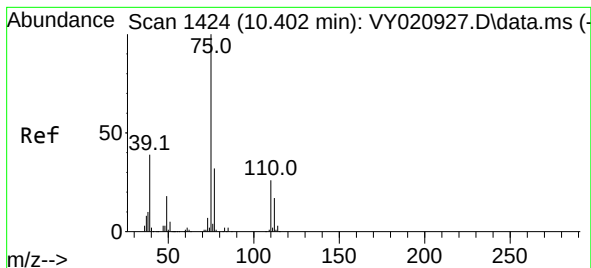
Tgt Ion: 43 Resp: 56065
Ion Ratio Lower Upper
43 100
58 42.7 33.7 50.5



#52
Toluene
Concen: 9.738 ug/l
RT: 10.182 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 92 Resp: 58541
Ion Ratio Lower Upper
92 100
91 168.4 137.3 205.9

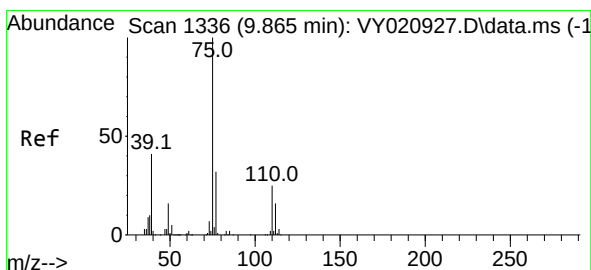
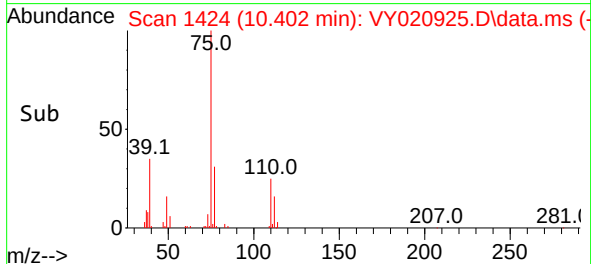
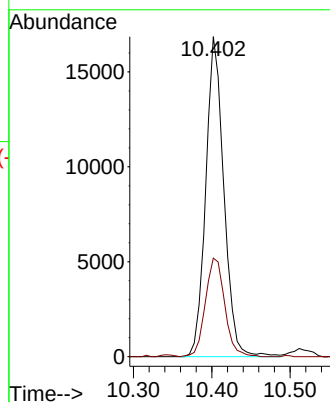
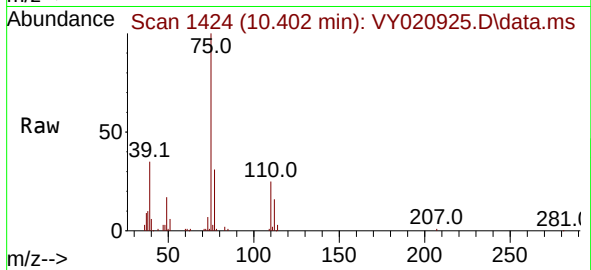




#53
t-1,3-Dichloropropene
Concen: 9.445 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

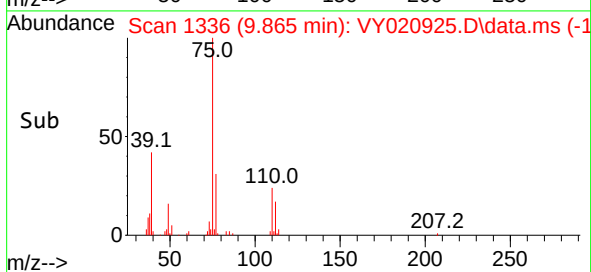
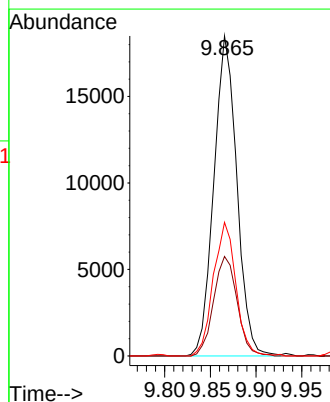
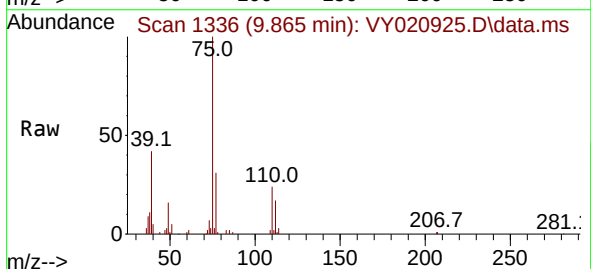
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

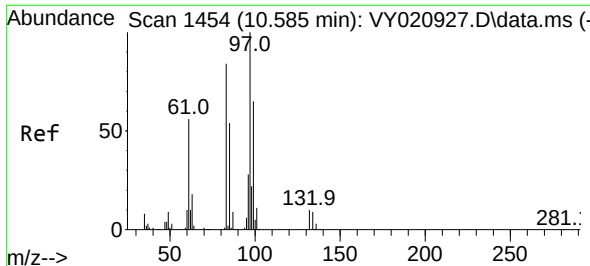
Tgt Ion: 75 Resp: 27028
Ion Ratio Lower Upper
75 100
77 30.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 9.467 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 75 Resp: 32349
Ion Ratio Lower Upper
75 100
77 31.1 25.7 38.5
39 41.7 32.8 49.2

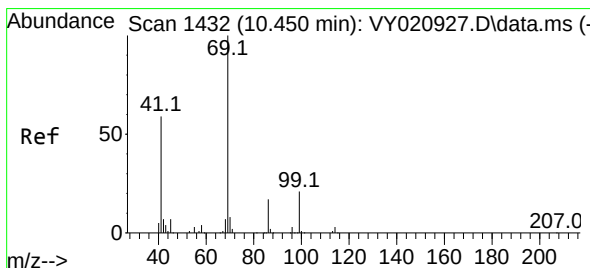
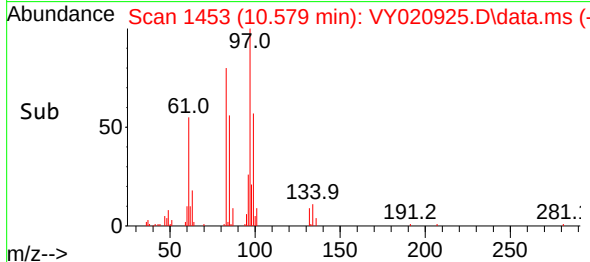
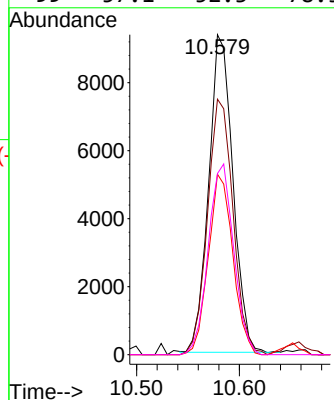
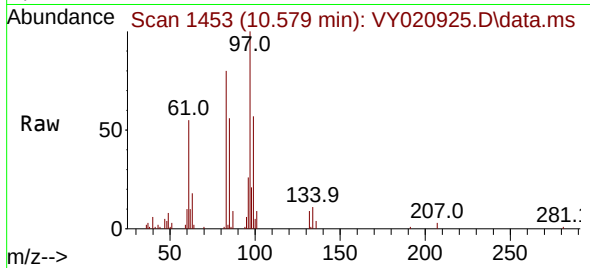




#55
1,1,2-Trichloroethane
Concen: 9.631 ug/l
RT: 10.579 min Scan# 1453
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

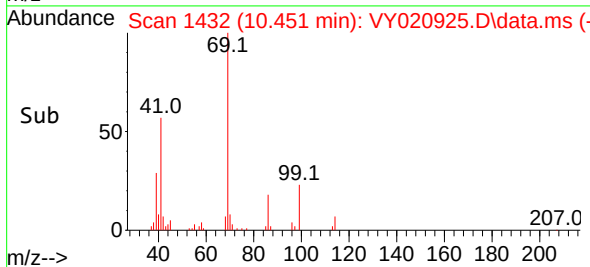
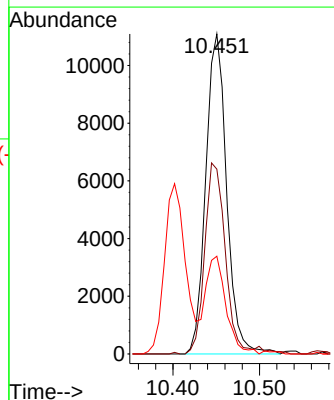
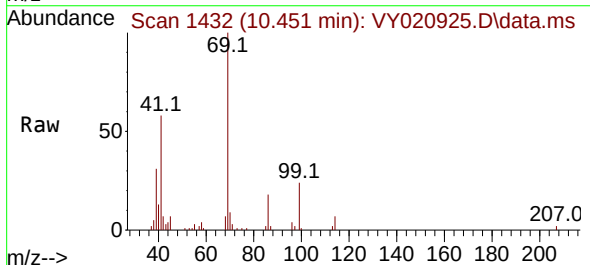
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

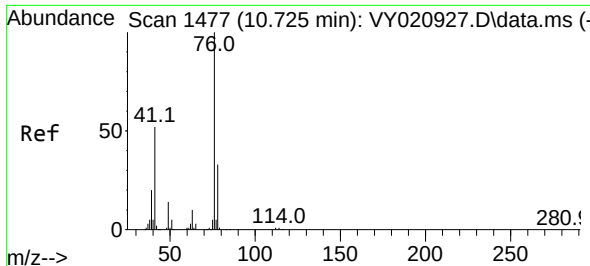
Tgt Ion: 97	Resp:	15270	
Ion	Ratio	Lower	Upper
97	100		
83	80.4	67.0	100.6
85	56.8	43.1	64.7
99	57.1	52.3	78.5



#56
Ethyl methacrylate
Concen: 8.940 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 69	Resp: 18576
Ion Ratio	Lower Upper
69 100	
41 60.0	46.6 70.0
39 31.0	23.9 35.9





#57

1,3-Dichloropropane

Concen: 9.674 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

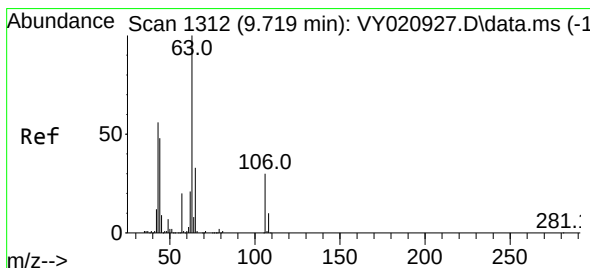
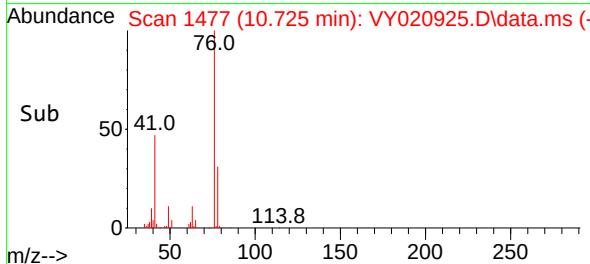
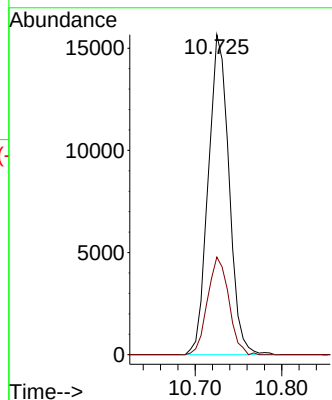
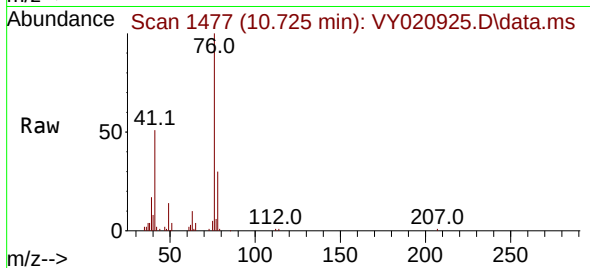
VSTDIC010

Tgt Ion: 76 Resp: 26057

Ion Ratio Lower Upper

76 100

78 31.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 45.471 ug/l

RT: 9.725 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VY020925.D

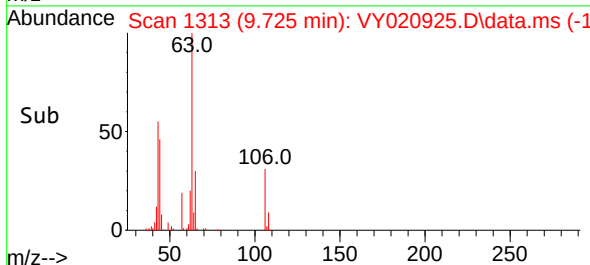
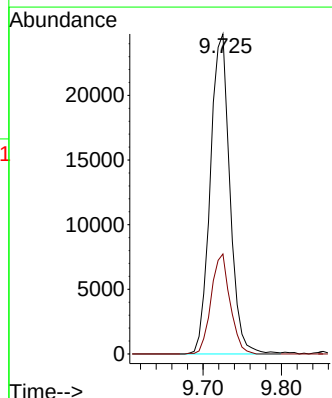
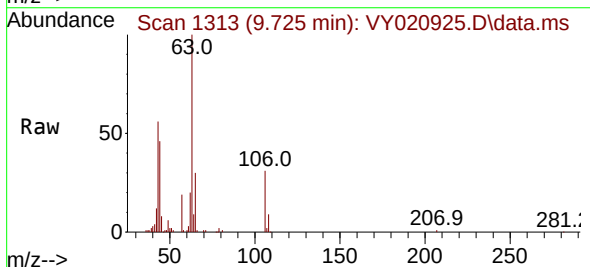
Acq: 24 Jan 2025 13:11

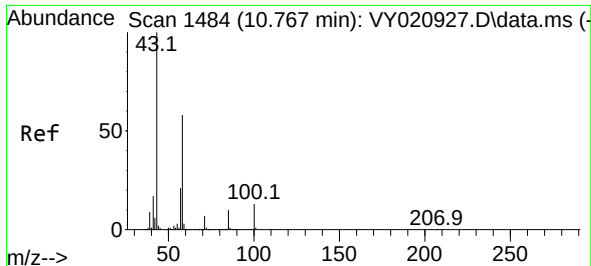
Tgt Ion: 63 Resp: 42884

Ion Ratio Lower Upper

63 100

106 30.2 24.7 37.1





#59

2-Hexanone

Concen: 45.559 ug/l

RT: 10.768 min Scan# 1484

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

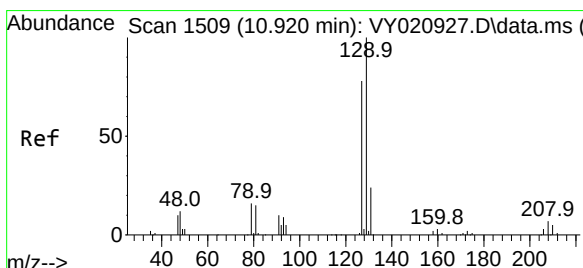
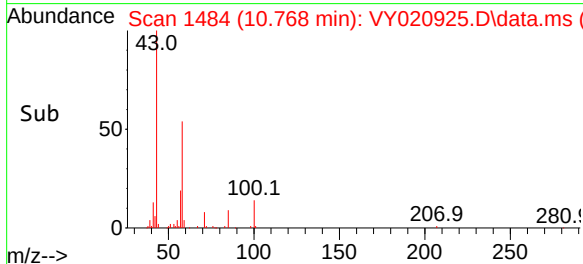
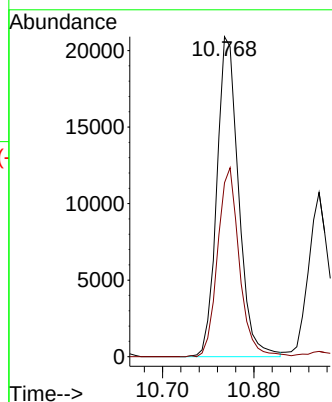
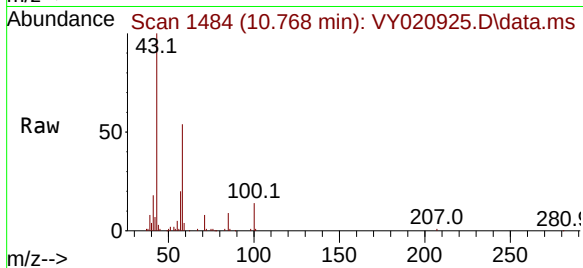
VSTDIC010

Tgt Ion: 43 Resp: 34625

Ion Ratio Lower Upper

43 100

58 58.9 29.9 89.8



#60

Dibromochloromethane

Concen: 9.721 ug/l

RT: 10.920 min Scan# 1509

Delta R.T. 0.000 min

Lab File: VY020925.D

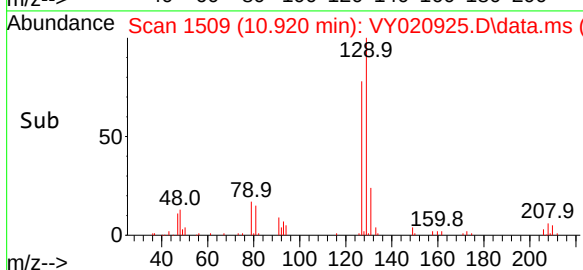
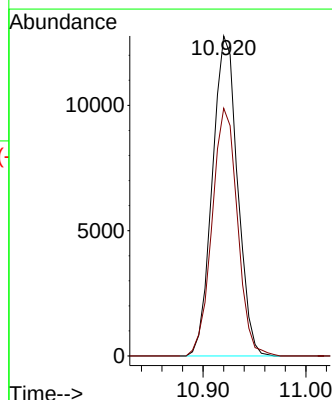
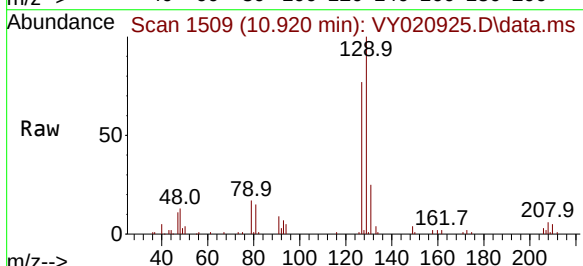
Acq: 24 Jan 2025 13:11

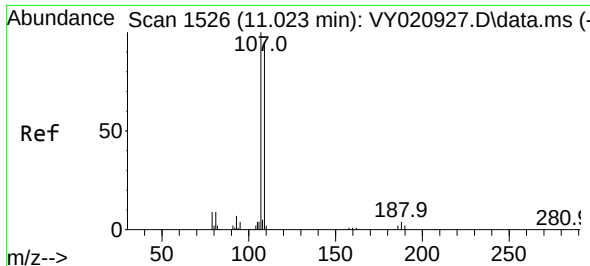
Tgt Ion:129 Resp: 21692

Ion Ratio Lower Upper

129 100

127 78.1 39.2 117.6

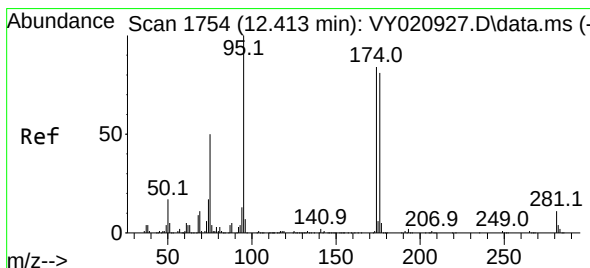
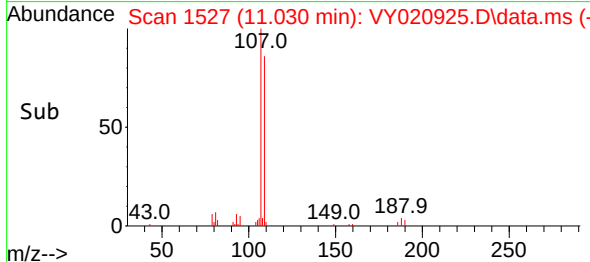
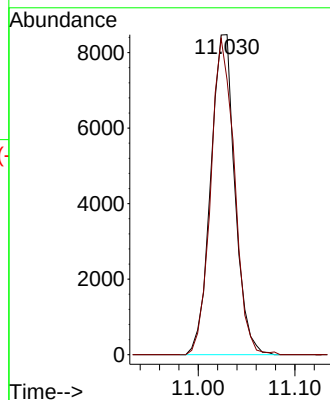
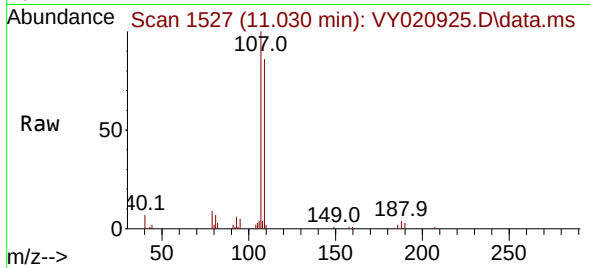




#61
1,2-Dibromoethane
Concen: 9.722 ug/l
RT: 11.030 min Scan# 1526
Delta R.T. 0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

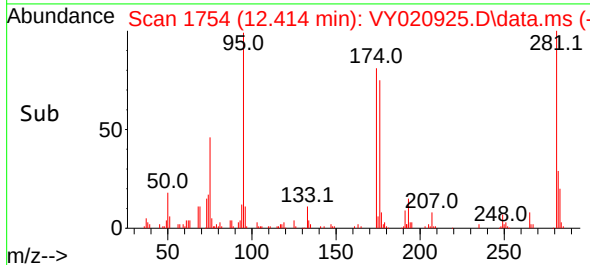
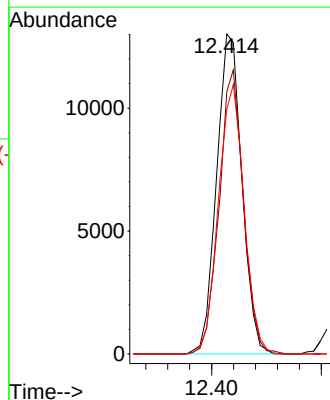
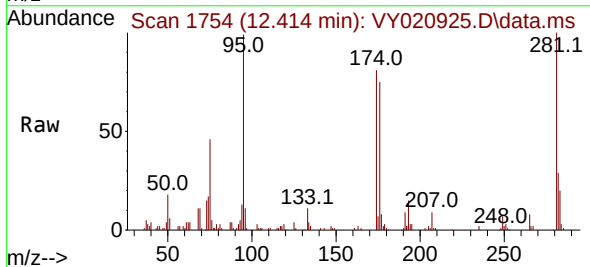
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

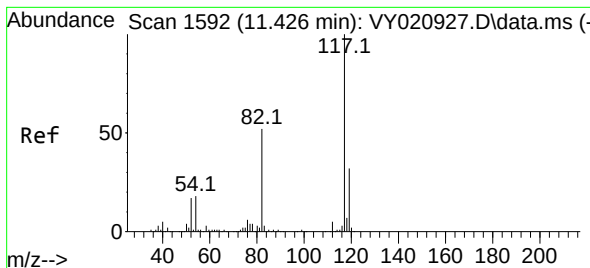
Tgt Ion:107 Resp: 14743
Ion Ratio Lower Upper
107 100
109 96.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 7.071 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 95 Resp: 20830
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.4
176 85.4 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

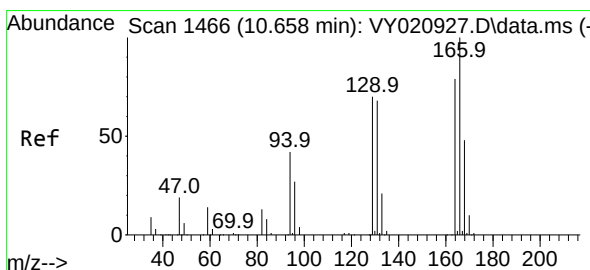
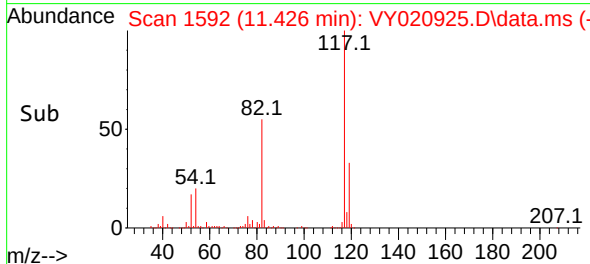
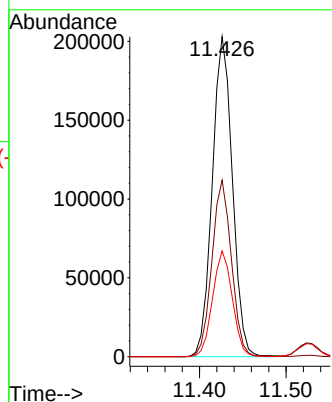
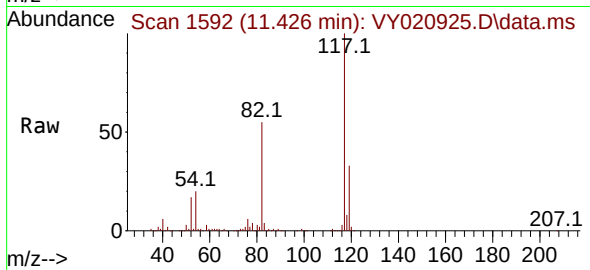
Tgt Ion:117 Resp: 327717

Ion Ratio Lower Upper

117 100

82 55.2 41.8 62.8

119 33.0 26.0 39.0



#64

Tetrachloroethene

Concen: 9.894 ug/l

RT: 10.658 min Scan# 1466

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Tgt Ion:164 Resp: 22565

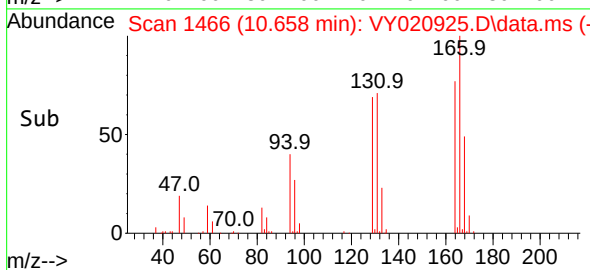
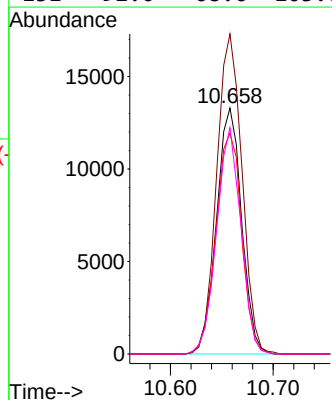
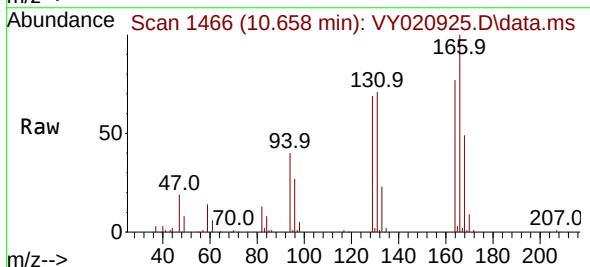
Ion Ratio Lower Upper

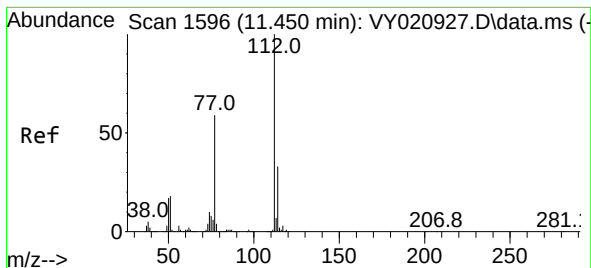
164 100

166 130.1 101.0 151.6

129 89.7 70.8 106.2

131 92.0 68.6 103.0





#65

Chlorobenzene

Concen: 9.933 ug/l

RT: 11.451 min Scan# 1596

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

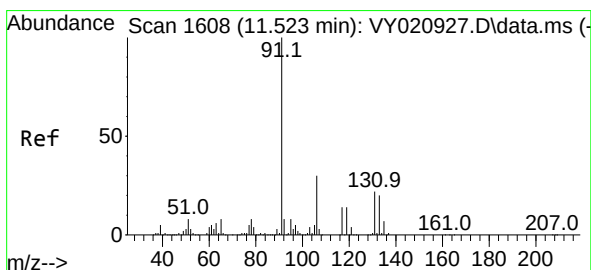
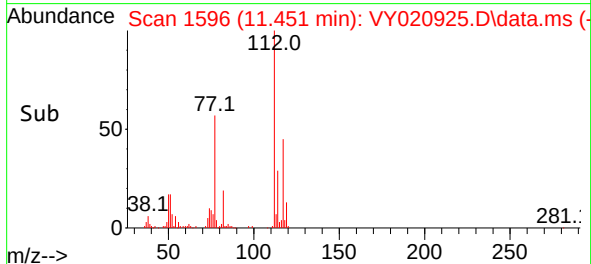
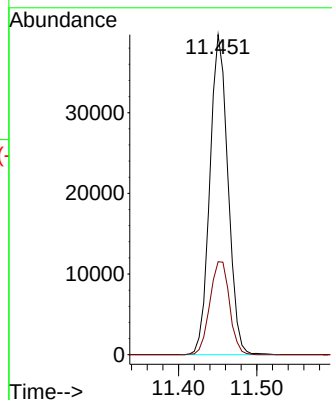
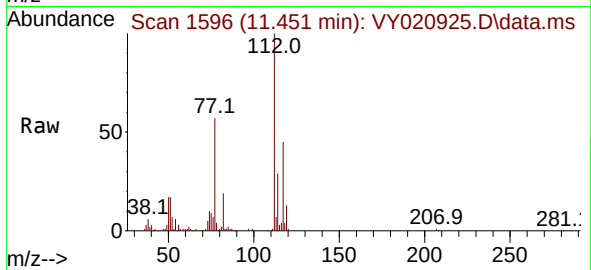
VSTDIC010

Tgt Ion:112 Resp: 63657

Ion Ratio Lower Upper

112 100

114 29.0 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 9.864 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

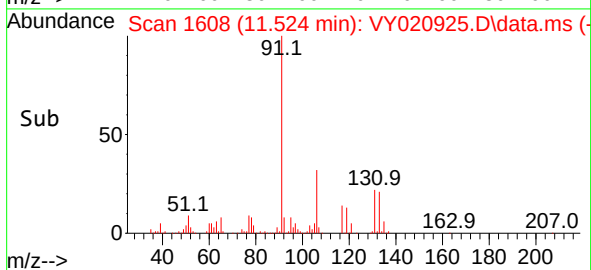
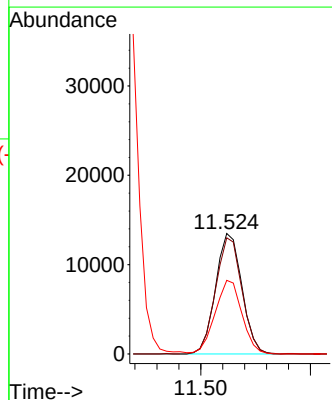
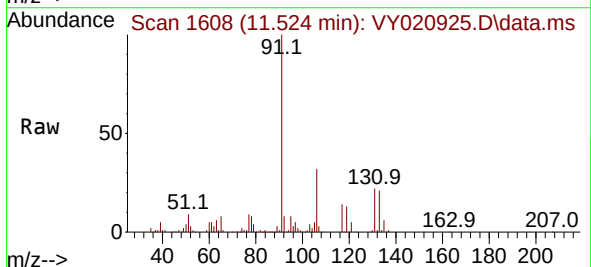
Tgt Ion:131 Resp: 22463

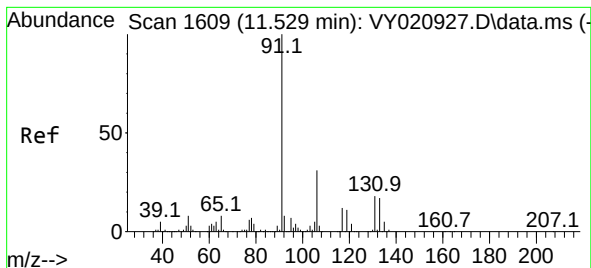
Ion Ratio Lower Upper

131 100

133 96.8 47.5 142.6

119 62.4 31.2 93.6





#67

Ethyl Benzene

Concen: 9.739 ug/l

RT: 11.530 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

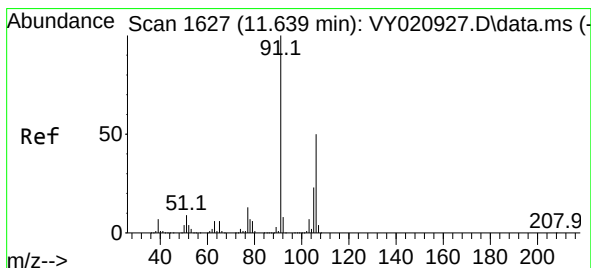
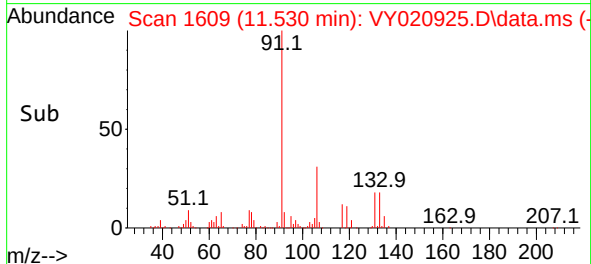
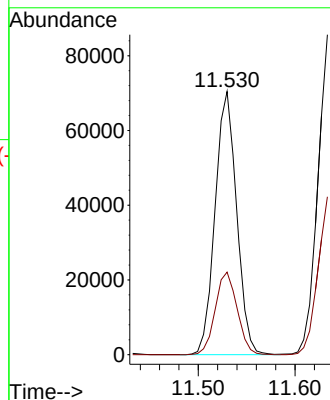
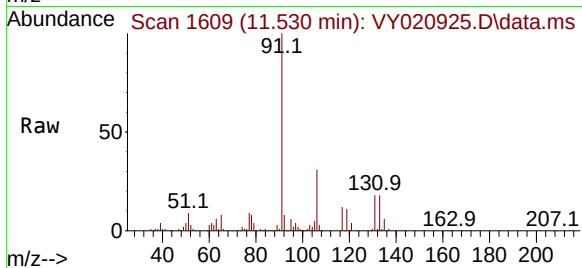
VSTDIC010

Tgt Ion: 91 Resp: 108906

Ion Ratio Lower Upper

91 100

106 31.3 25.2 37.8



#68

m/p-Xylenes

Concen: 19.377 ug/l

RT: 11.639 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020925.D

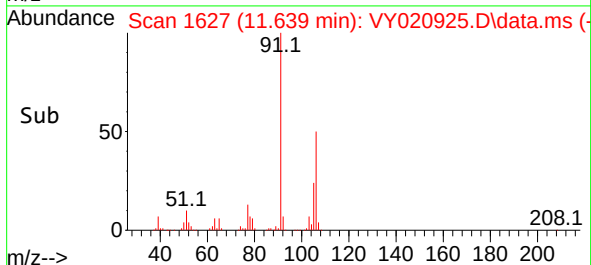
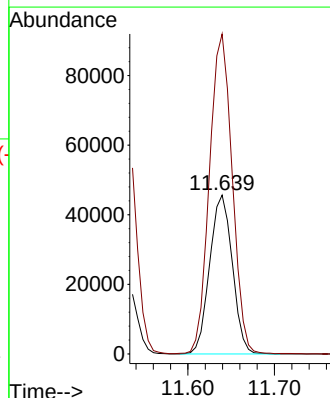
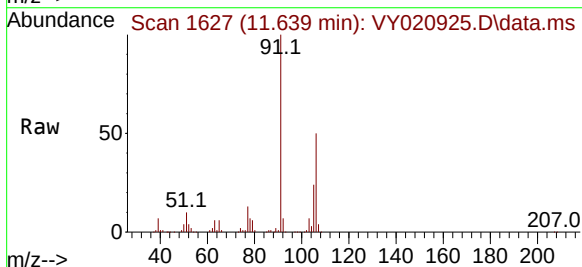
Acq: 24 Jan 2025 13:11

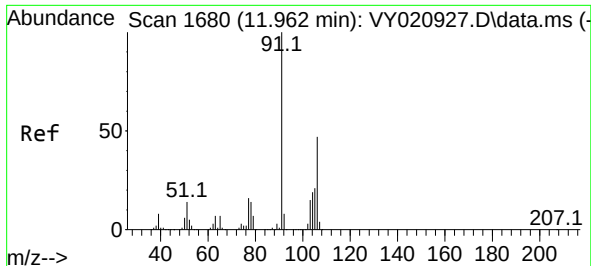
Tgt Ion: 106 Resp: 82971

Ion Ratio Lower Upper

106 100

91 201.8 159.5 239.3

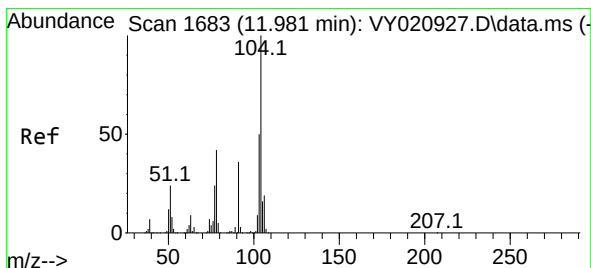
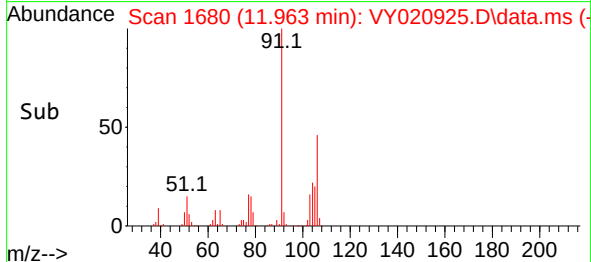
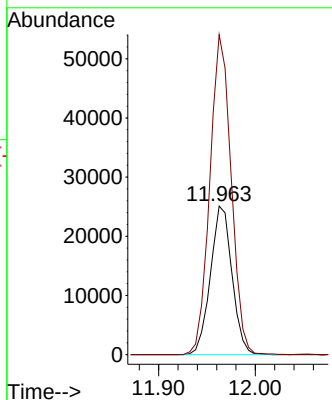
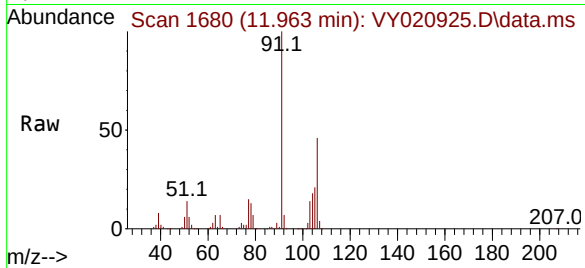




#69
o-Xylene
Concen: 9.711 ug/l
RT: 11.963 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

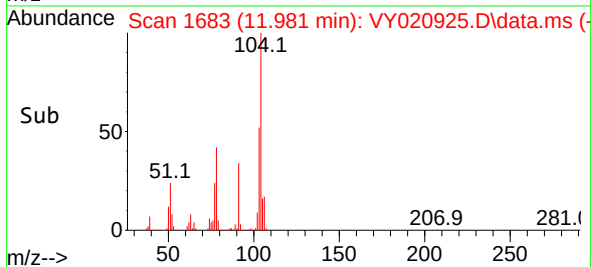
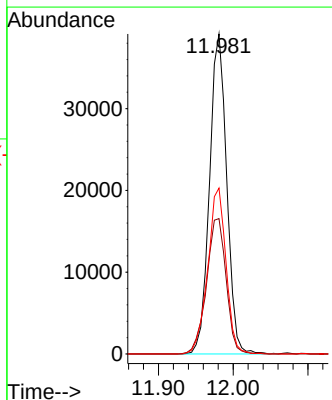
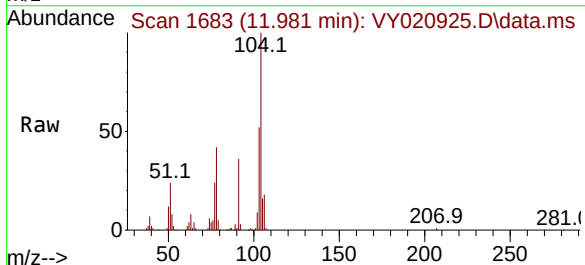
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

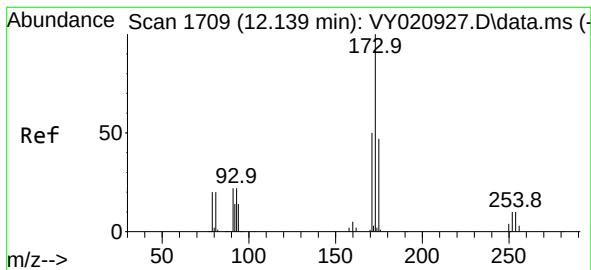
Tgt Ion:106 Resp: 38842
Ion Ratio Lower Upper
106 100
91 213.0 105.3 315.9



#70
Styrene
Concen: 9.543 ug/l
RT: 11.981 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:104 Resp: 62554
Ion Ratio Lower Upper
104 100
78 48.4 38.5 57.7
103 55.2 43.4 65.2





#71

Bromoform

Concen: 9.604 ug/l

RT: 12.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

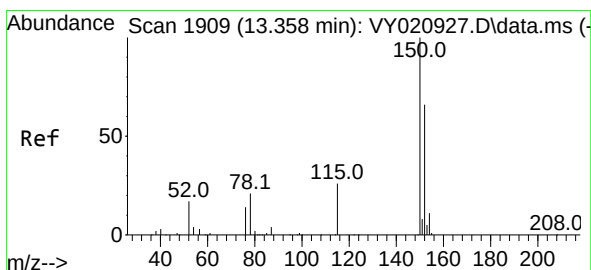
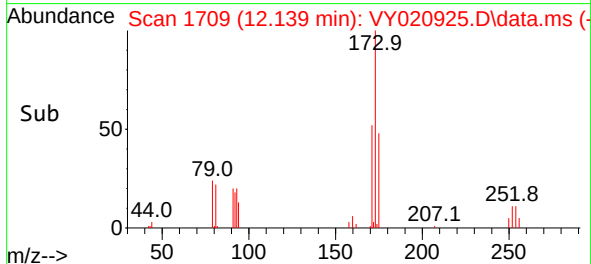
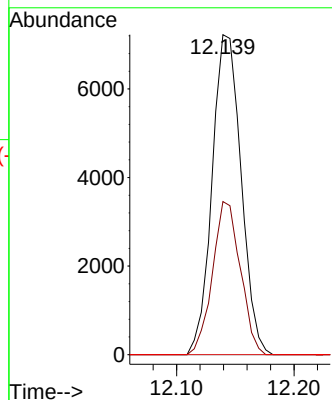
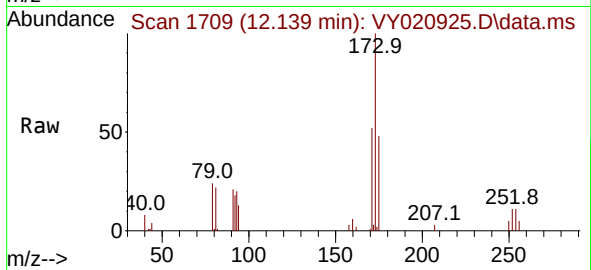
Tgt Ion:173 Resp: 12384

Ion Ratio Lower Upper

173 100

175 45.9 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

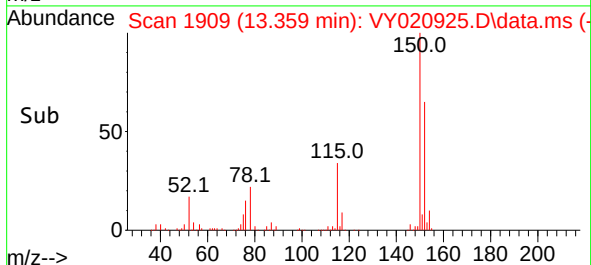
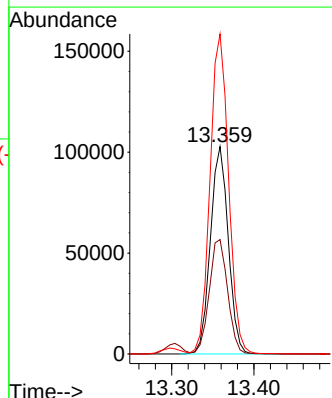
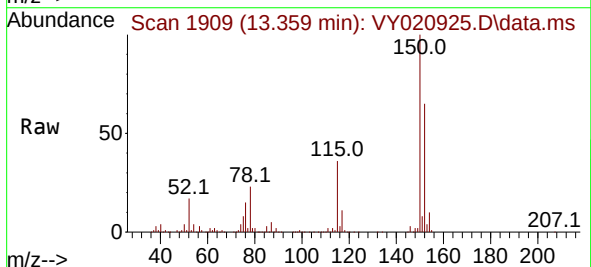
Tgt Ion:152 Resp: 155288

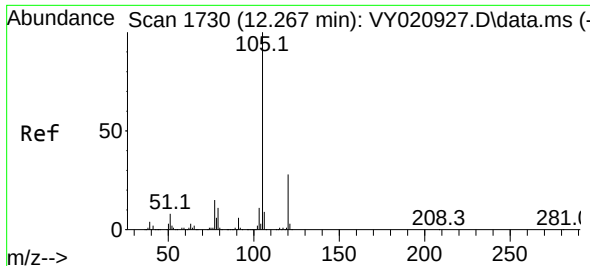
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 159.5 0.0 347.6

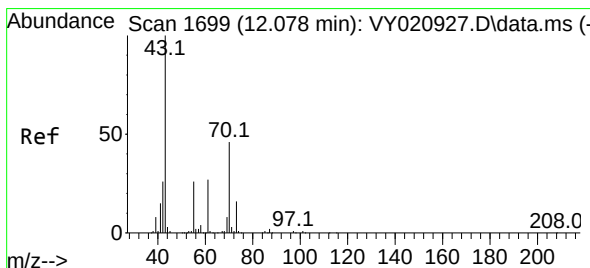
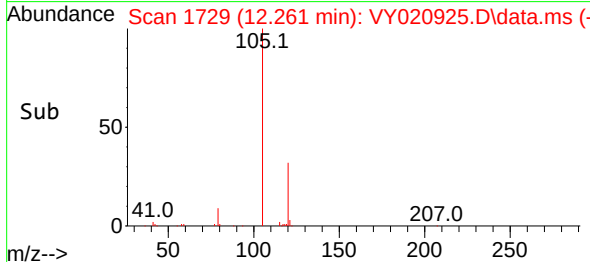
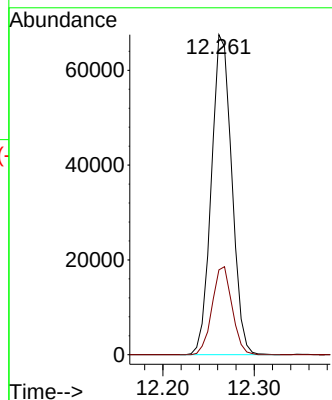
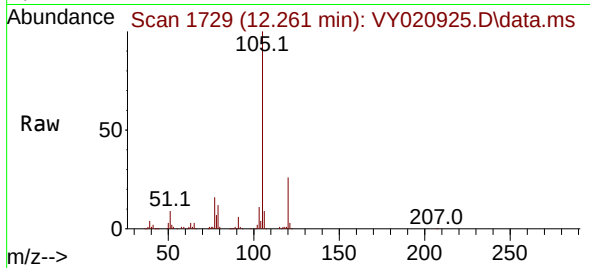




#73
Isopropylbenzene
Concen: 9.772 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

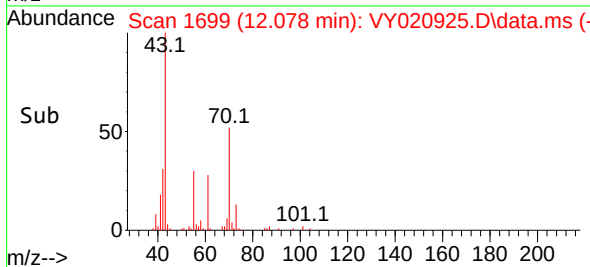
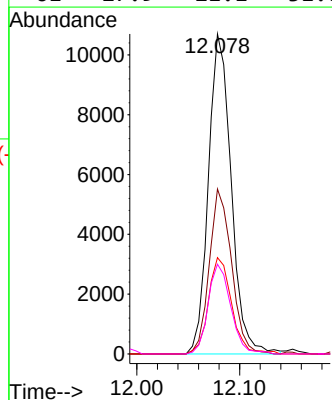
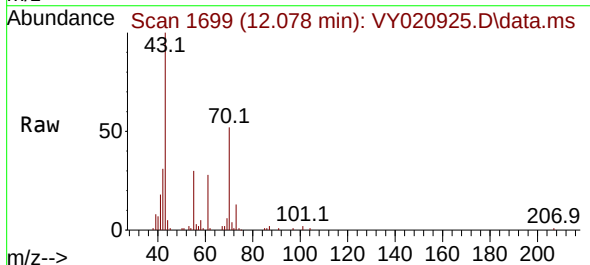
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

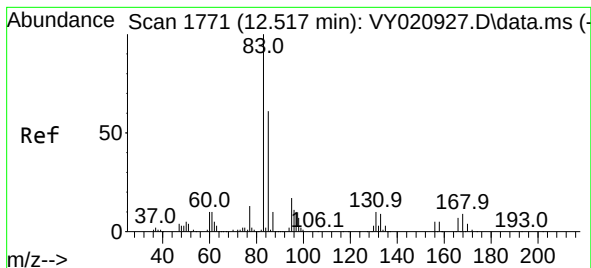
Tgt Ion:105 Resp: 104509
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1



#74
N-ethyl acetate
Concen: 8.684 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 43 Resp: 16526
Ion Ratio Lower Upper
43 100
70 50.3 38.7 58.1
55 30.7 21.6 32.4
61 27.9 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 9.760 ug/l

RT: 12.517 min Scan# 1771

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

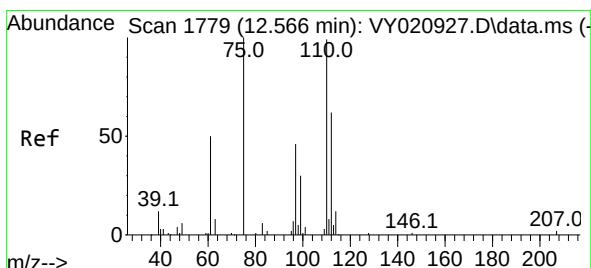
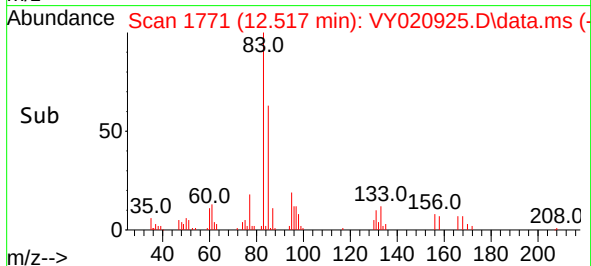
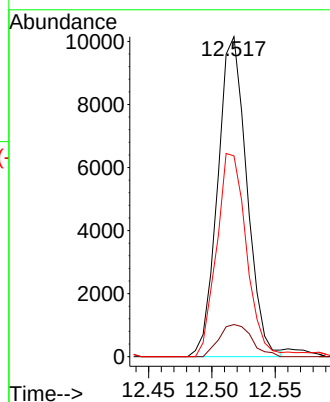
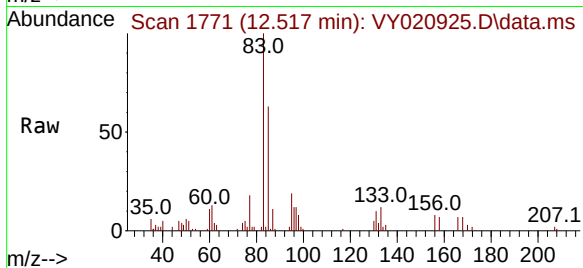
Tgt Ion: 83 Resp: 16241

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.7

85 66.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 20.123 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020925.D

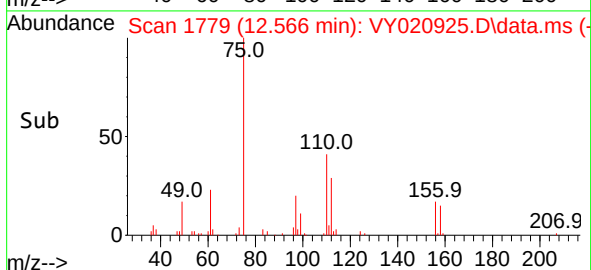
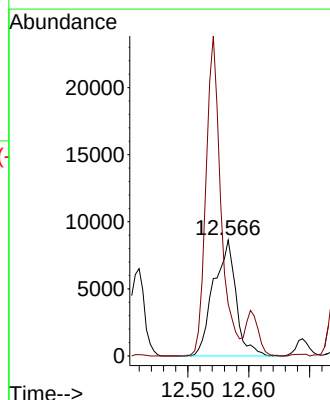
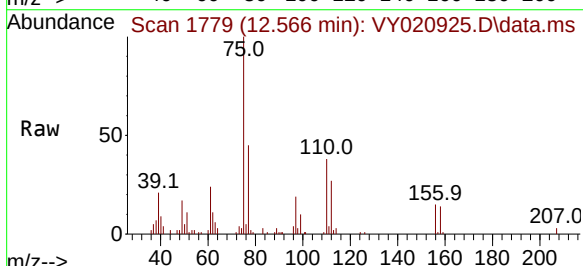
Acq: 24 Jan 2025 13:11

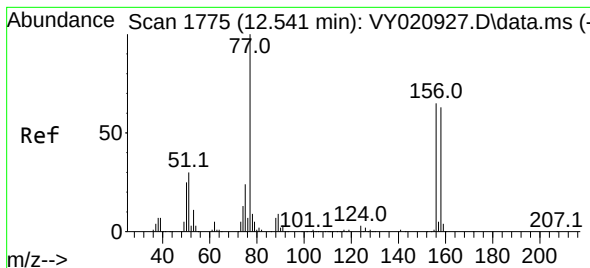
Tgt Ion: 75 Resp: 22094

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 9.617 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

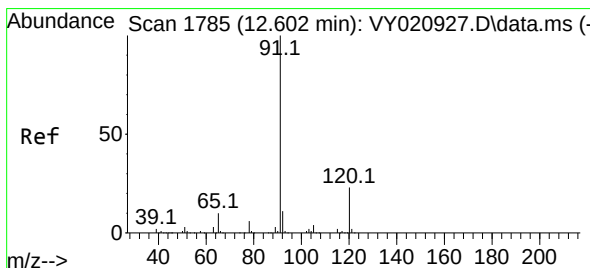
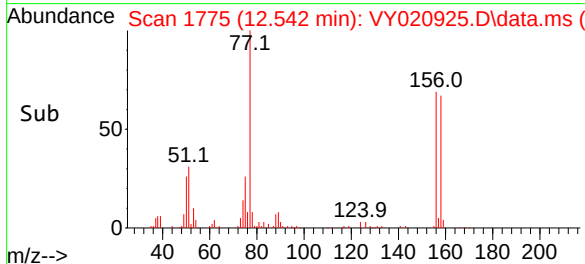
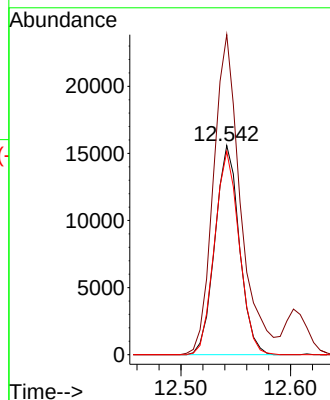
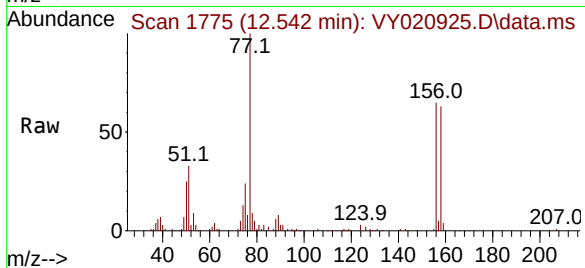
Tgt Ion:156 Resp: 24110

Ion Ratio Lower Upper

156 100

77 168.9 84.4 253.1

158 98.0 48.9 146.6



#78

n-propylbenzene

Concen: 9.738 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020925.D

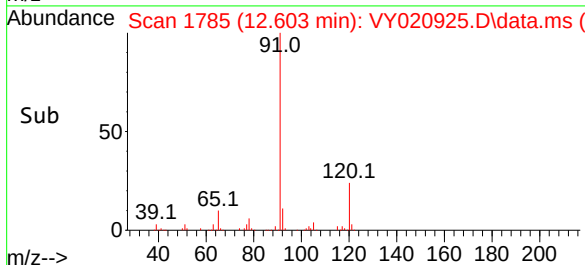
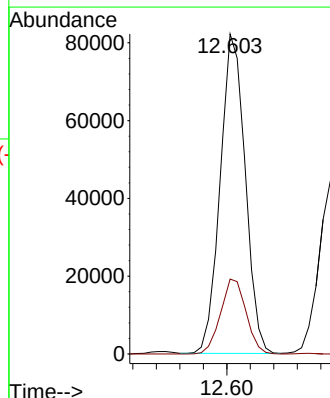
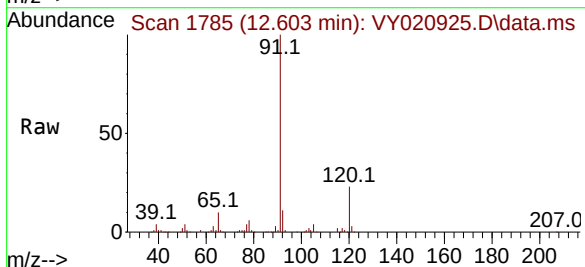
Acq: 24 Jan 2025 13:11

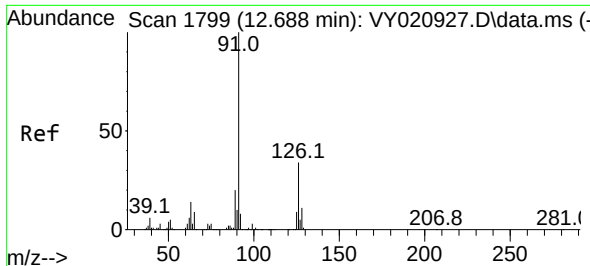
Tgt Ion: 91 Resp: 121319

Ion Ratio Lower Upper

91 100

120 23.9 11.8 35.4

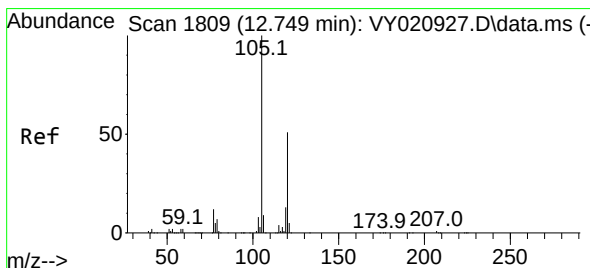
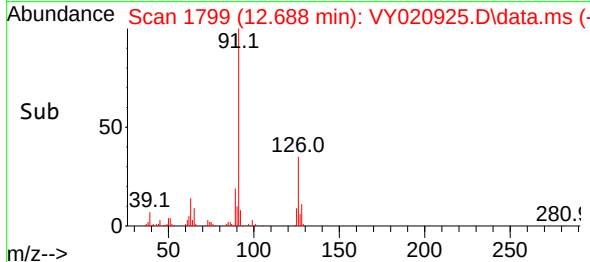
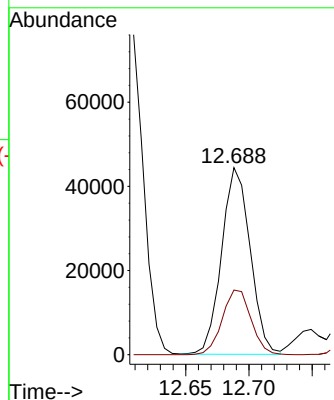
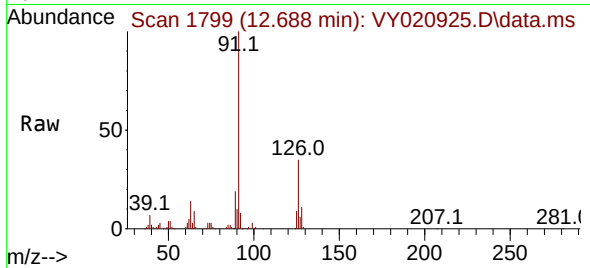




#79
2-Chlorotoluene
Concen: 9.880 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

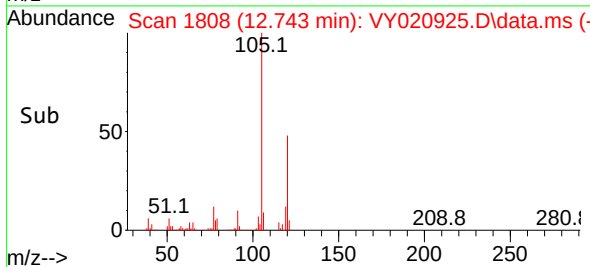
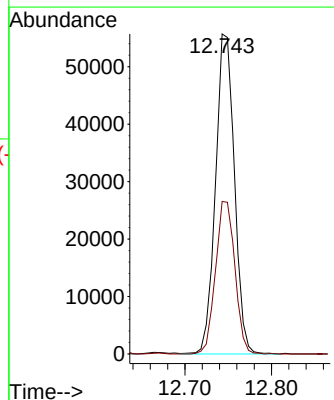
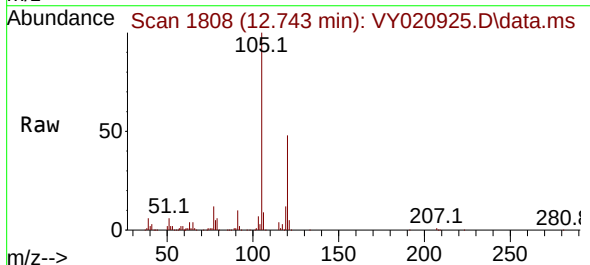
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

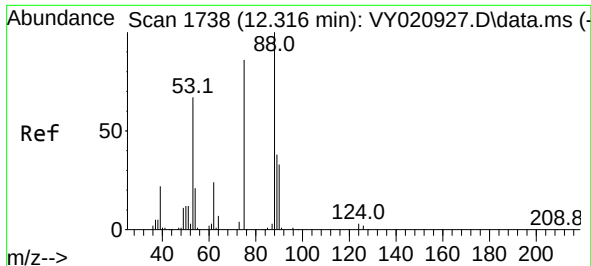
Tgt Ion: 91 Resp: 69808
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 9.835 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion: 105 Resp: 84519
Ion Ratio Lower Upper
105 100
120 48.9 24.9 74.6

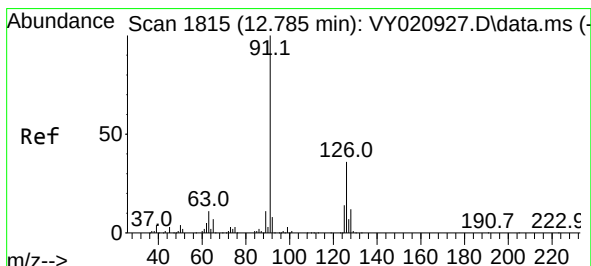
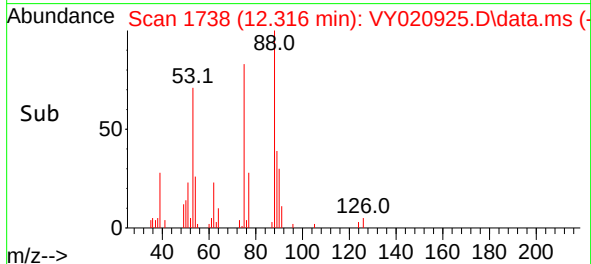
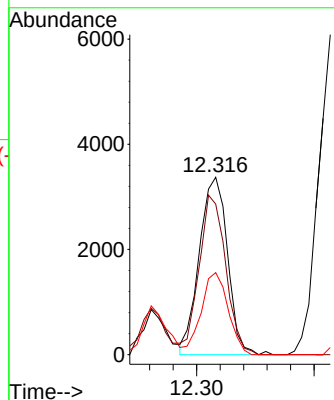
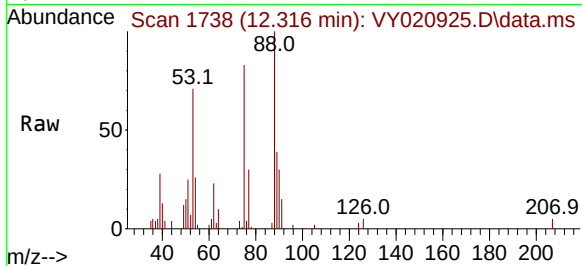




#81
trans-1,4-Dichloro-2-butene
Concen: 9.903 ug/l
RT: 12.316 min Scan# 1738
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

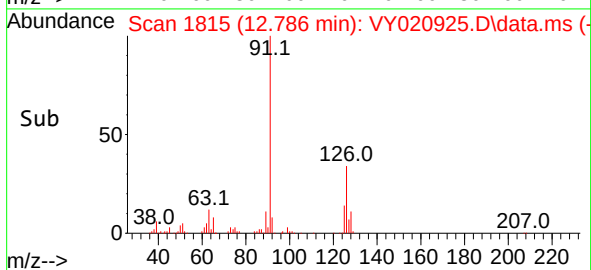
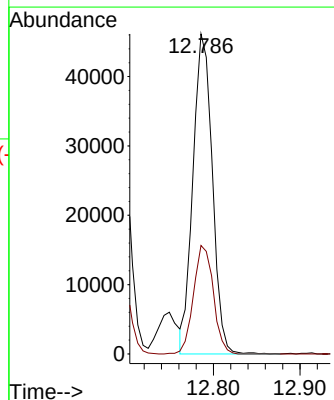
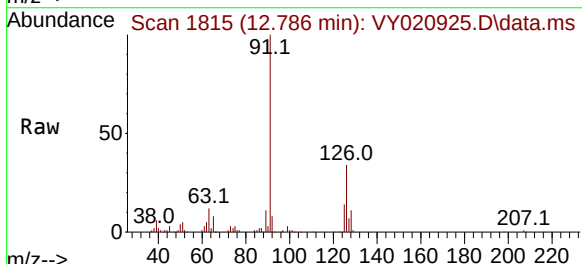
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

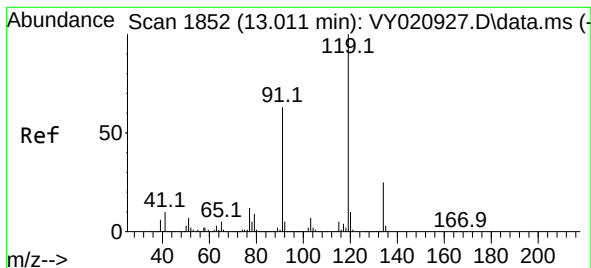
Tgt Ion:	75	Resp:	5628
Ion	Ratio	Lower	Upper
75	100		
53	86.4	67.7	101.5
89	44.3	38.4	57.6



#82
4-Chlorotoluene
Concen: 9.931 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:	91	Resp:	71651
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.4	52.3





#83

tert-Butylbenzene

Concen: 9.854 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

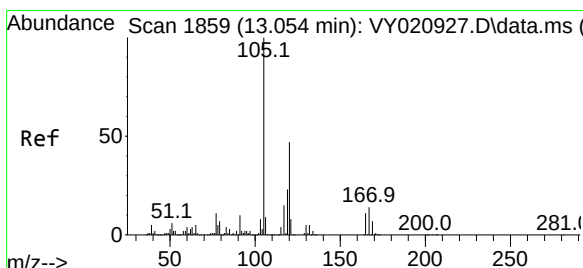
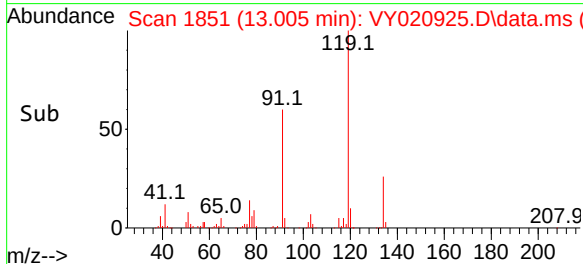
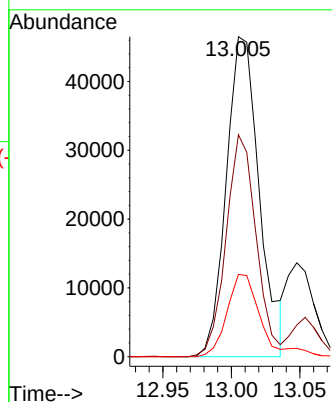
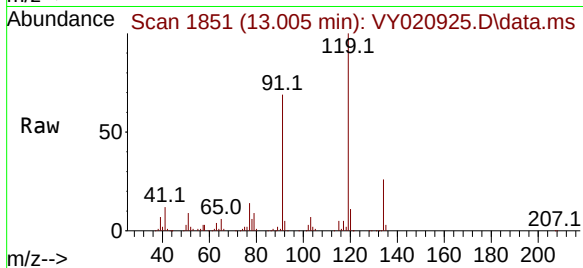
Tgt Ion:119 Resp: 78111

Ion Ratio Lower Upper

119 100

91 63.1 30.9 92.8

134 26.3 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 9.705 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020925.D

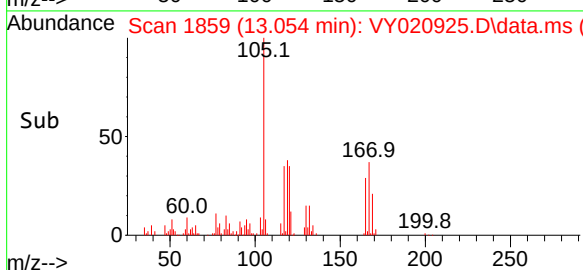
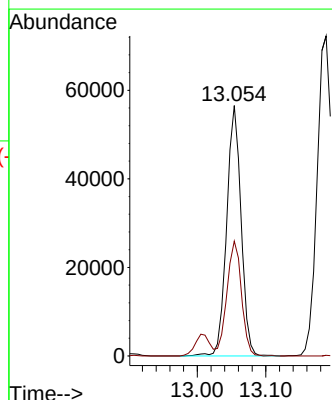
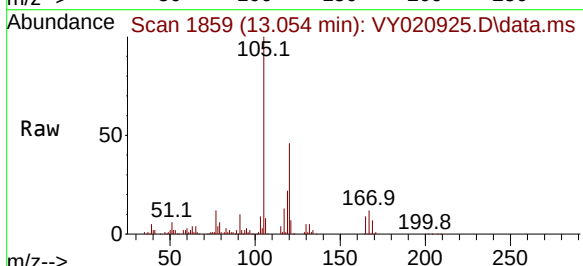
Acq: 24 Jan 2025 13:11

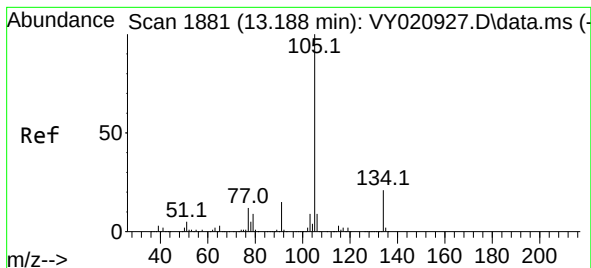
Tgt Ion:105 Resp: 82103

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.7





#85

sec-Butylbenzene

Concen: 9.885 ug/l

RT: 13.188 min Scan# 1117

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

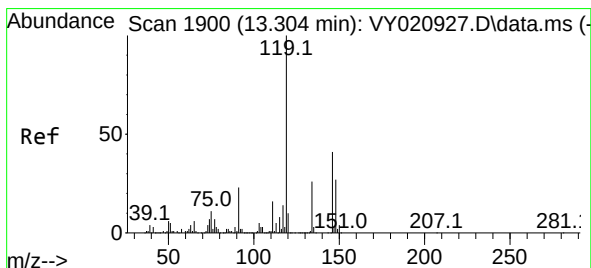
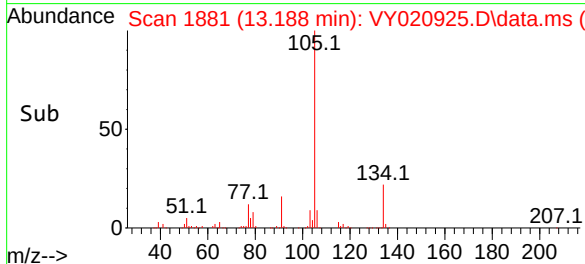
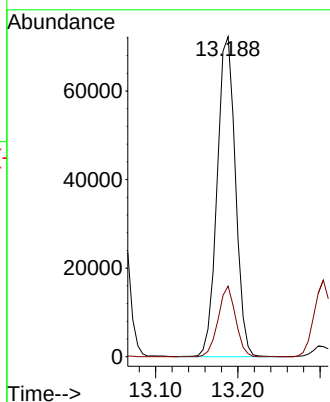
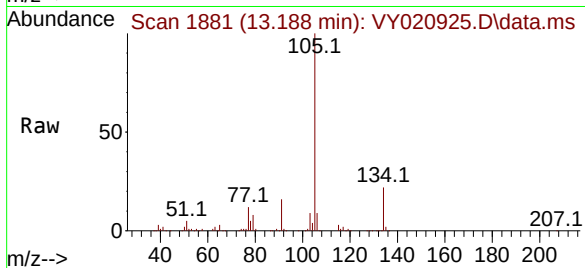
VSTDICC010

Tgt Ion:105 Resp: 111718

Ion Ratio Lower Upper

105 100

134 21.0 10.4 31.4



#86

p-Isopropyltoluene

Concen: 9.687 ug/l

RT: 13.304 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

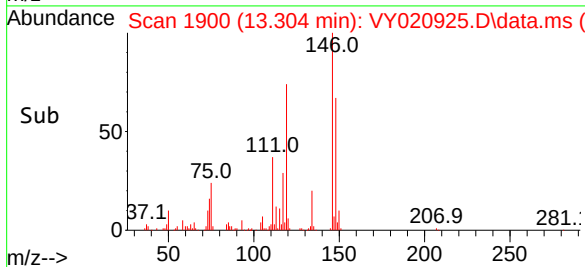
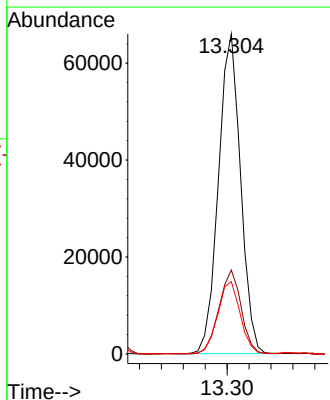
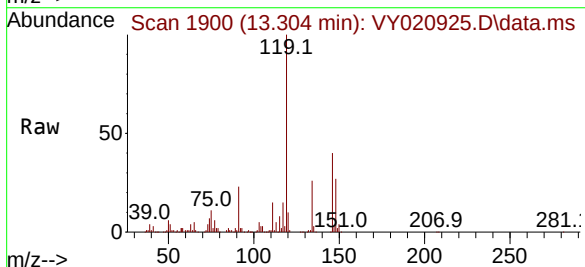
Tgt Ion:119 Resp: 92486

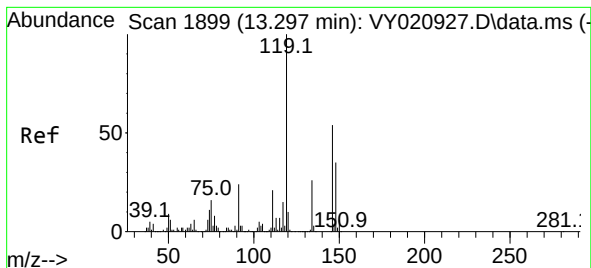
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.4 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 9.932 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

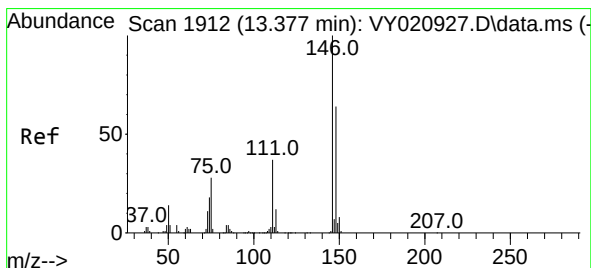
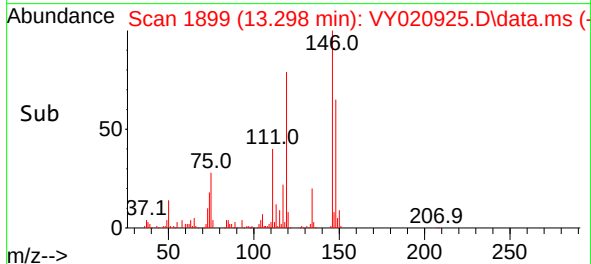
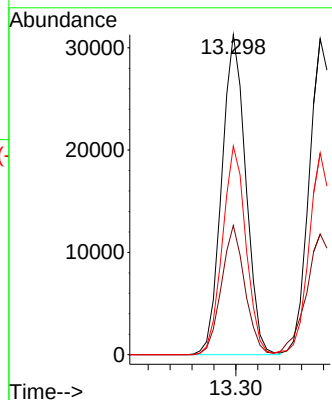
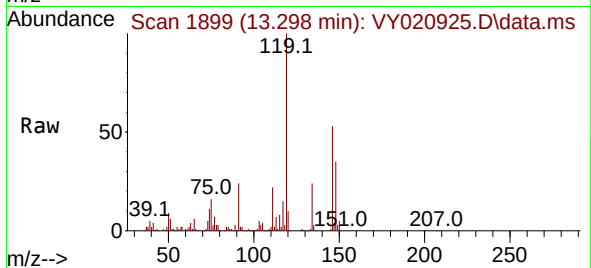
Tgt Ion:146 Resp: 47678

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 10.040 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

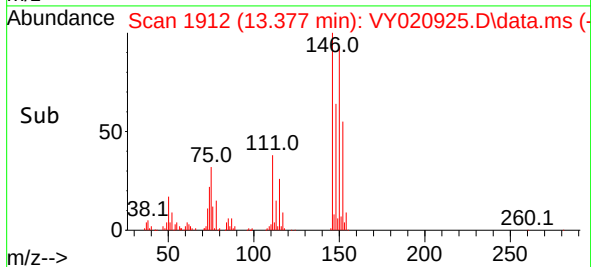
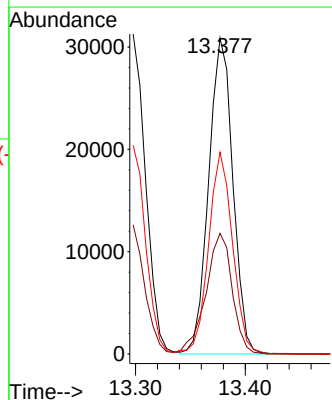
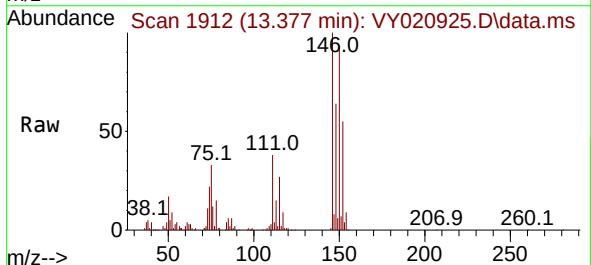
Tgt Ion:146 Resp: 47347

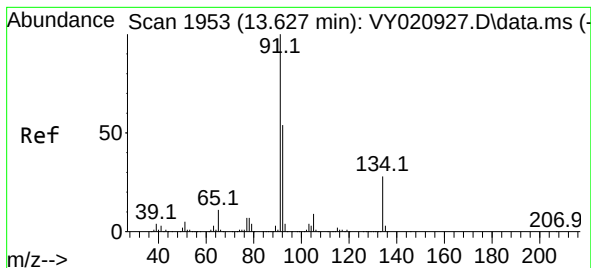
Ion Ratio Lower Upper

146 100

111 41.5 18.8 56.4

148 63.5 32.0 96.0





#89

n-Butylbenzene

Concen: 9.453 ug/l

RT: 13.627 min Scan# 1953

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

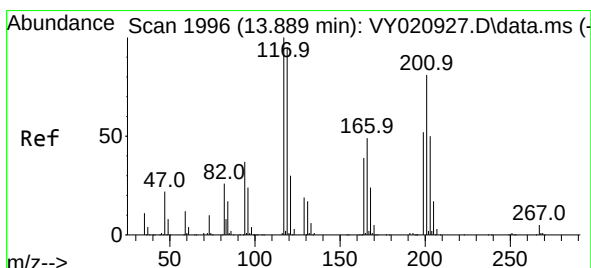
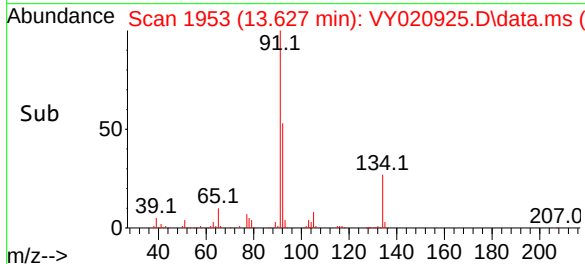
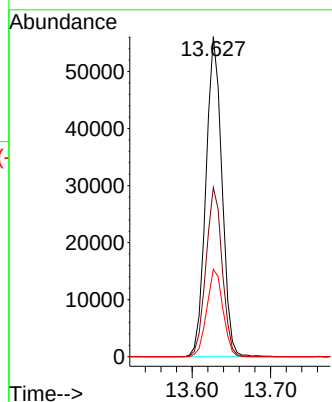
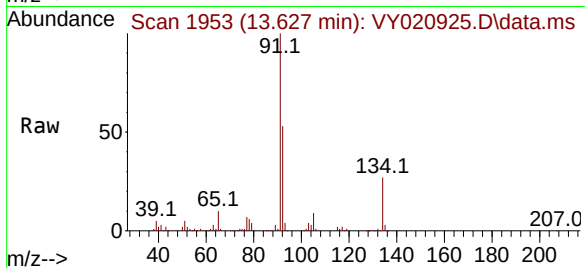
Tgt Ion: 91 Resp: 79616

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

134 27.5 13.8 41.4



#90

Hexachloroethane

Concen: 9.342 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.000 min

Lab File: VY020925.D

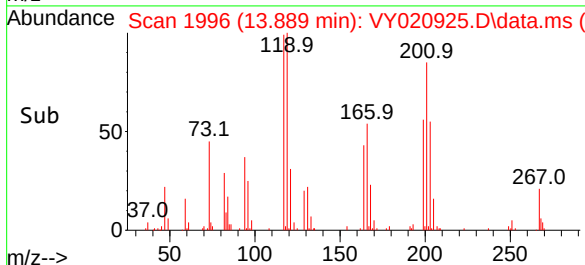
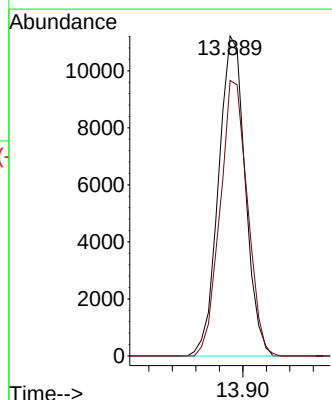
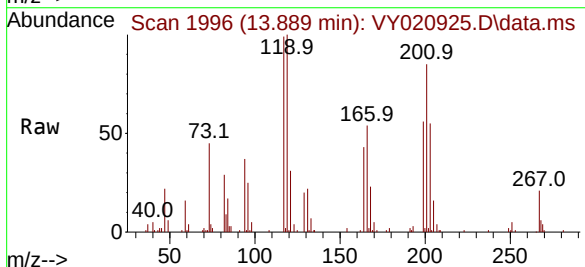
Acq: 24 Jan 2025 13:11

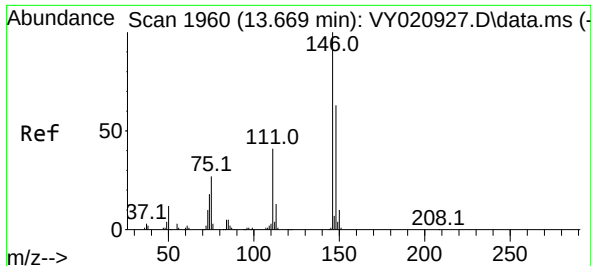
Tgt Ion: 117 Resp: 17719

Ion Ratio Lower Upper

117 100

201 87.9 42.7 128.1

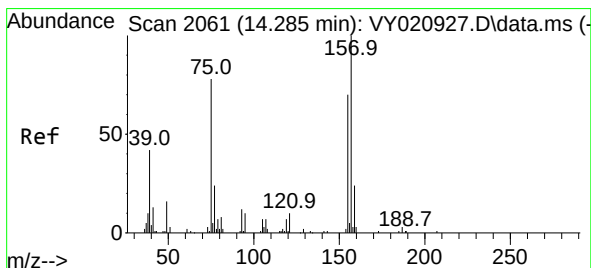
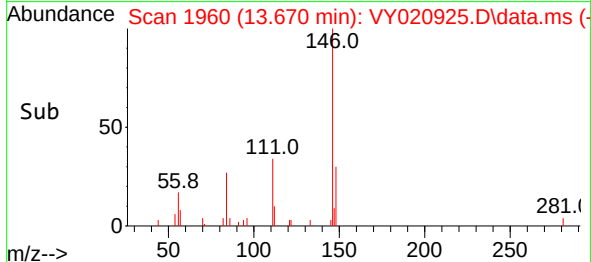
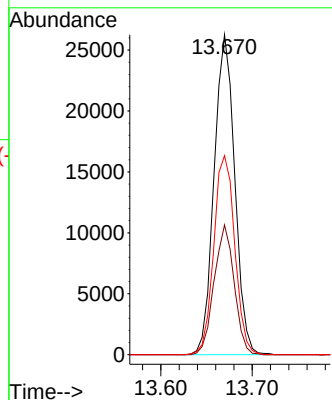
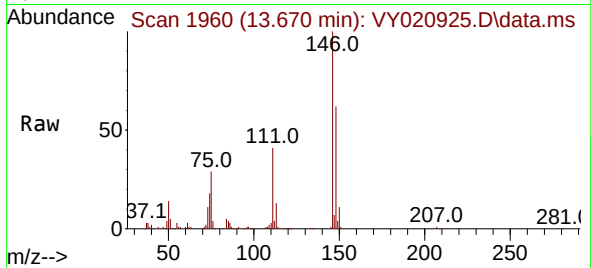




#91
 1,2-Dichlorobenzene
 Concen: 9.917 ug/l
 RT: 13.670 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

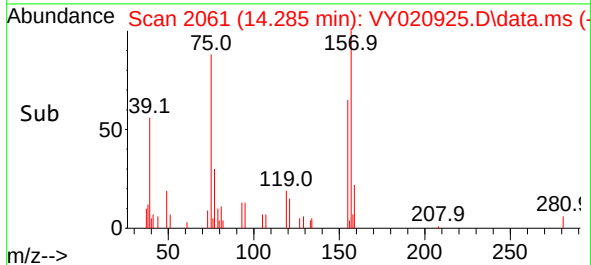
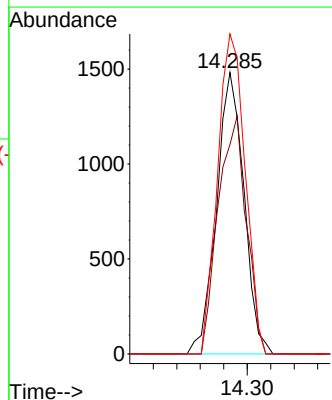
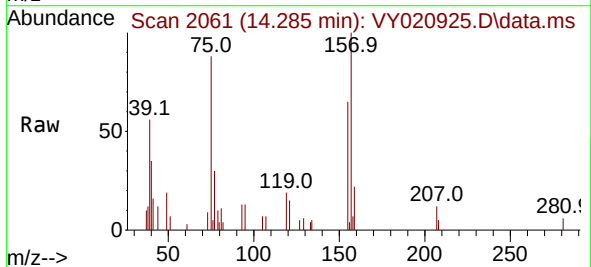
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

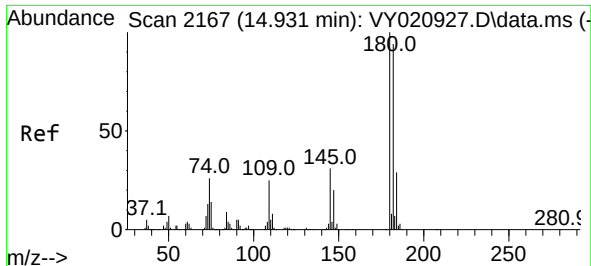
Tgt Ion:146 Resp: 41248
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.2 60.6
 148 63.1 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.601 ug/l
 RT: 14.285 min Scan# 2061
 Delta R.T. 0.000 min
 Lab File: VY020925.D
 Acq: 24 Jan 2025 13:11

Tgt Ion: 75 Resp: 2400
 Ion Ratio Lower Upper
 75 100
 155 86.6 46.6 139.7
 157 114.8 60.1 180.3

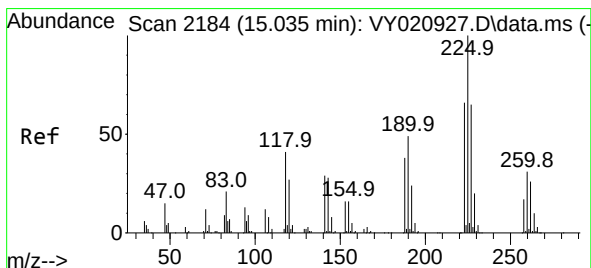
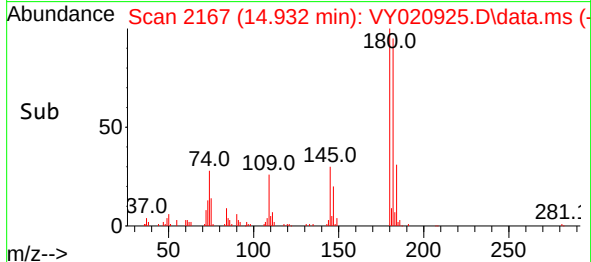
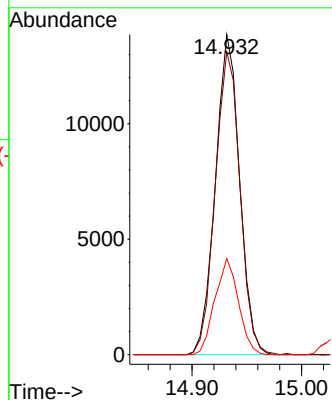
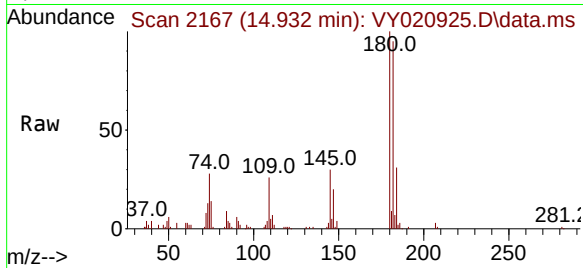




#93
1,2,4-Trichlorobenzene
Concen: 8.500 ug/l
RT: 14.932 min Scan# 2167
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

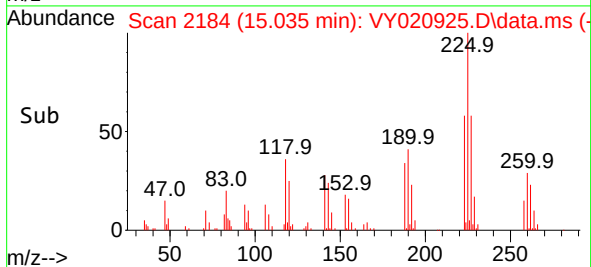
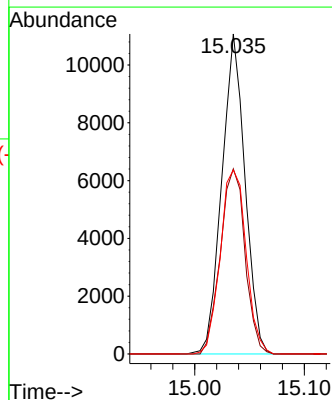
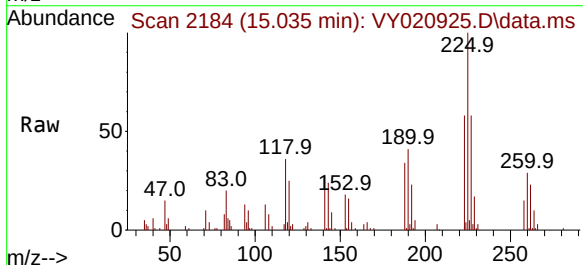
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

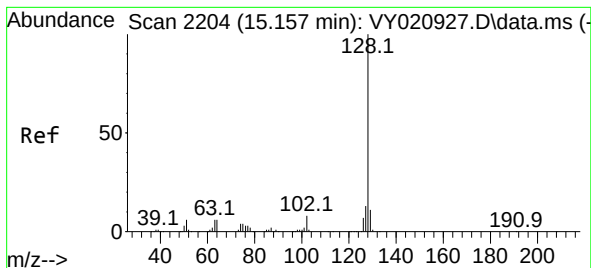
Tgt Ion:180	Resp:	21268
Ion Ratio	Lower	Upper
180	100	
182	96.6	47.0 141.2
145	29.2	14.9 44.5



#94
Hexachlorobutadiene
Concen: 9.491 ug/l
RT: 15.035 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VY020925.D
Acq: 24 Jan 2025 13:11

Tgt Ion:225	Resp:	16248
Ion Ratio	Lower	Upper
225	100	
223	61.6	31.5 94.5
227	64.1	31.9 95.9





#95

Naphthalene

Concen: 7.931 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

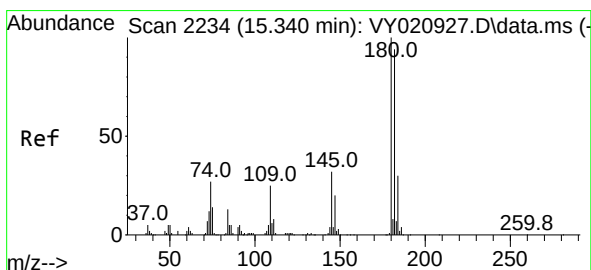
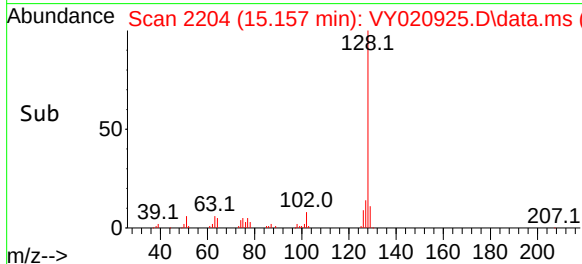
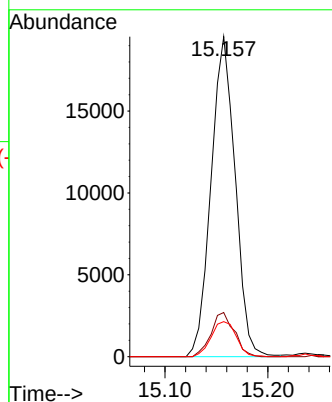
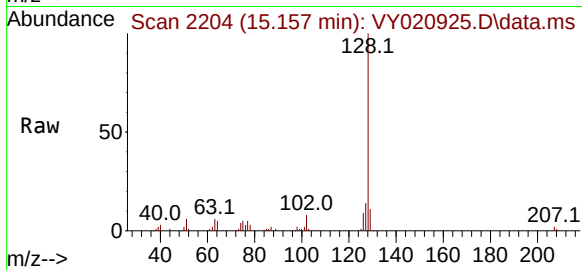
Tgt Ion:128 Resp: 31822

Ion Ratio Lower Upper

128 100

127 13.4 10.3 15.5

129 11.5 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 8.721 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020925.D

Acq: 24 Jan 2025 13:11

Tgt Ion:180 Resp: 18332

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.6

145 30.2 15.7 47.0

