

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020932.D
 Acq On : 24 Jan 2025 15:59
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Quant Time: Jan 25 00:49:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012425S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 25 00:43:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	274018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	405611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	339423	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	163193	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	22122	10.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	20.260%#
35) Dibromofluoromethane	7.646	113	23633	10.149	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	20.300%#
50) Toluene-d8	10.115	98	92057	10.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.380%#
62) 4-Bromofluorobenzene	12.414	95	30456	10.132	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	20.260%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	21631	10.437	ug/l	96
3) Chloromethane	2.074	50	16929	10.982	ug/l	97
4) Vinyl Chloride	2.208	62	17914	10.663	ug/l	97
5) Bromomethane	2.605	94	13214	11.613	ug/l	98
6) Chloroethane	2.745	64	10400	10.551	ug/l	96
7) Trichlorofluoromethane	3.074	101	37567	10.524	ug/l	99
8) Diethyl Ether	3.464	74	11473	10.458	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.836	101	24858	10.554	ug/l	97
10) Methyl Iodide	4.019	142	28491	10.150	ug/l	99
11) Tert butyl alcohol	4.866	59	10134	60.087	ug/l #	84
12) 1,1-Dichloroethene	3.806	96	23441	10.539	ug/l	93
13) Acrolein	3.665	56	11940	52.222	ug/l	97
14) Allyl chloride	4.403	41	32252	10.389	ug/l	96
15) Acrylonitrile	5.074	53	22453	52.066	ug/l	98
16) Acetone	3.879	43	15893	53.691	ug/l	93
17) Carbon Disulfide	4.117	76	71488	10.407	ug/l	98
18) Methyl Acetate	4.403	43	10828	10.126	ug/l	98
19) Methyl tert-butyl Ether	5.135	73	53833	10.449	ug/l	98
20) Methylene Chloride	4.629	84	23395	10.627	ug/l	96
21) trans-1,2-Dichloroethene	5.135	96	25204	10.510	ug/l	87
22) Diisopropyl ether	6.031	45	65207	10.442	ug/l	94
23) Vinyl Acetate	5.970	43	178870	51.756	ug/l	99
24) 1,1-Dichloroethane	5.933	63	41190	10.406	ug/l	98
25) 2-Butanone	6.909	43	27286	54.417	ug/l	97
26) 2,2-Dichloropropane	6.897	77	40667	10.430	ug/l	98
27) cis-1,2-Dichloroethene	6.903	96	28292	10.453	ug/l	99
28) Bromochloromethane	7.256	49	17140	10.759	ug/l	95
29) Tetrahydrofuran	7.268	42	17688	52.930	ug/l	100
30) Chloroform	7.433	83	43413	10.362	ug/l	100
31) Cyclohexane	7.707	56	41740	10.729	ug/l #	94
32) 1,1,1-Trichloroethane	7.628	97	42440	10.444	ug/l	99
36) 1,1-Dichloropropene	7.848	75	33395	10.272	ug/l	99
37) Ethyl Acetate	6.994	43	13693	10.856	ug/l #	91
38) Carbon Tetrachloride	7.829	117	40759	10.396	ug/l	94
39) Methylcyclohexane	9.116	83	44847	10.189	ug/l	97
40) Benzene	8.091	78	100069	10.492	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	6316	9.479	ug/l #	92
42) 1,2-Dichloroethane	8.165	62	24497	10.322	ug/l	98
43) Isopropyl Acetate	8.207	43	24458	10.225	ug/l	99
44) Trichloroethene	8.872	130	27248	10.516	ug/l	99
45) 1,2-Dichloropropane	9.146	63	21926	10.414	ug/l	94
46) Dibromomethane	9.238	93	12568	10.500	ug/l	97
47) Bromodichloromethane	9.427	83	33393	10.485	ug/l	99
48) Methyl methacrylate	9.231	41	11471	10.167	ug/l	97
49) 1,4-Dioxane	9.244	88	2560	207.730	ug/l #	80
51) 4-Methyl-2-Pentanone	10.006	43	61838	51.273	ug/l	99
52) Toluene	10.176	92	63762	10.395	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	29612	10.141	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	35379	10.147	ug/l	96
55) 1,1,2-Trichloroethane	10.579	97	16306	10.079	ug/l	96
56) Ethyl methacrylate	10.445	69	20369	9.607	ug/l	98
57) 1,3-Dichloropropane	10.725	76	28488	10.365	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	48432	50.327	ug/l	100
59) 2-Hexanone	10.768	43	38811	50.045	ug/l	99
60) Dibromochloromethane	10.920	129	23430	10.290	ug/l	98
61) 1,2-Dibromoethane	11.024	107	16250	10.501	ug/l	99
64) Tetrachloroethene	10.652	164	24496	10.370	ug/l	94
65) Chlorobenzene	11.451	112	69158	10.419	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.524	131	24617	10.437	ug/l	99
67) Ethyl Benzene	11.524	91	119619	10.328	ug/l	97
68) m/p-Xylenes	11.640	106	91917	20.726	ug/l	100
69) o-Xylene	11.963	106	43049	10.392	ug/l	99
70) Styrene	11.975	104	70805	10.429	ug/l	99
71) Bromoform	12.139	173	13749	10.294	ug/l #	100
73) Isopropylbenzene	12.261	105	114092	10.151	ug/l	98
74) N-amyl acetate	12.079	43	19347	9.674	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.511	83	18481	10.568	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	23507	20.373	ug/l #	100
77) Bromobenzene	12.542	156	27354	10.383	ug/l	99
78) n-propylbenzene	12.603	91	134496	10.273	ug/l	99
79) 2-Chlorotoluene	12.688	91	77569	10.446	ug/l	99
80) 1,3,5-Trimethylbenzene	12.743	105	94030	10.412	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	6317	10.577	ug/l	99
82) 4-Chlorotoluene	12.786	91	78866	10.401	ug/l	99
83) tert-Butylbenzene	13.005	119	84952	10.198	ug/l	97
84) 1,2,4-Trimethylbenzene	13.054	105	92390	10.392	ug/l	98
85) sec-Butylbenzene	13.182	105	123235	10.376	ug/l	100
86) p-Isopropyltoluene	13.298	119	103320	10.297	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	53471	10.599	ug/l	100
88) 1,4-Dichlorobenzene	13.377	146	52287	10.550	ug/l	97
89) n-Butylbenzene	13.627	91	89379	10.099	ug/l	100
90) Hexachloroethane	13.889	117	20431	10.250	ug/l	100
91) 1,2-Dichlorobenzene	13.670	146	45955	10.514	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.285	75	2699	10.274	ug/l	98
93) 1,2,4-Trichlorobenzene	14.932	180	25660	9.759	ug/l	99
94) Hexachlorobutadiene	15.035	225	18077	10.048	ug/l	99
95) Naphthalene	15.157	128	38582	9.150	ug/l	99
96) 1,2,3-Trichlorobenzene	15.340	180	21166	9.581	ug/l	97

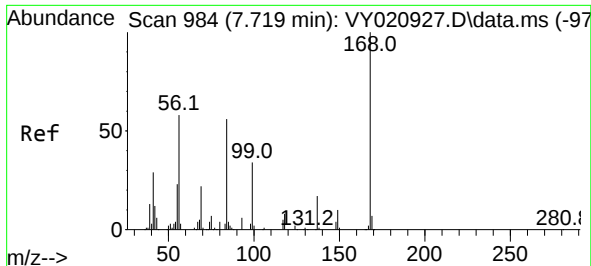
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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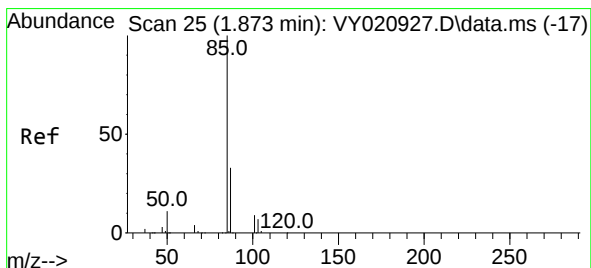
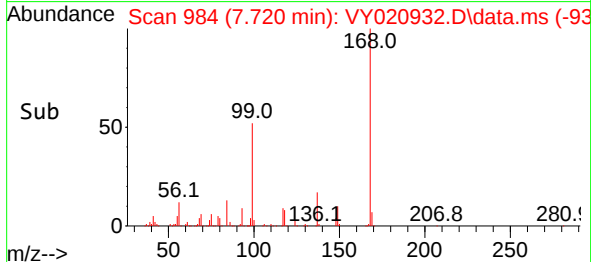
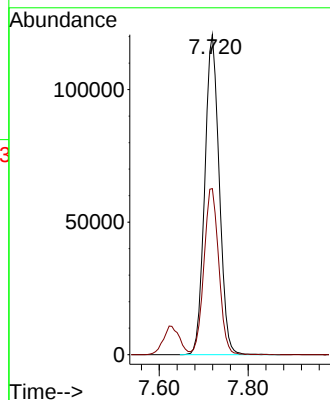
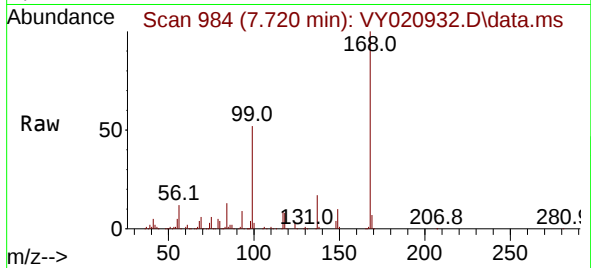
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.001 min
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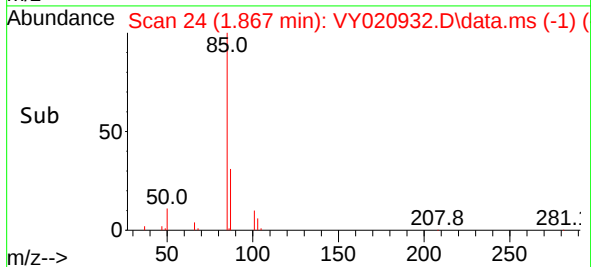
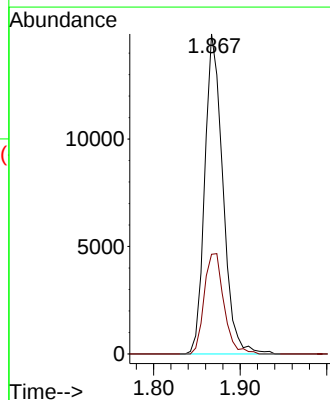
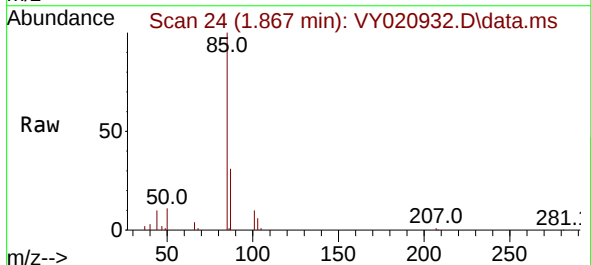
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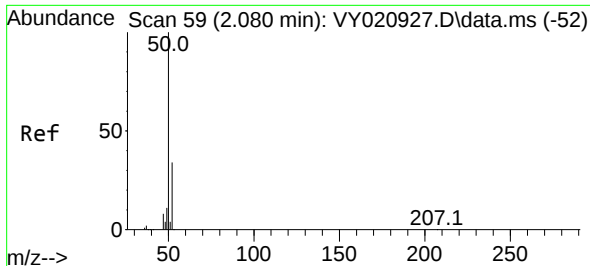
Tgt Ion:168 Resp: 274018
Ion Ratio Lower Upper
168 100
99 51.9 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 10.437 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 85 Resp: 21631
Ion Ratio Lower Upper
85 100
87 31.1 16.6 49.8

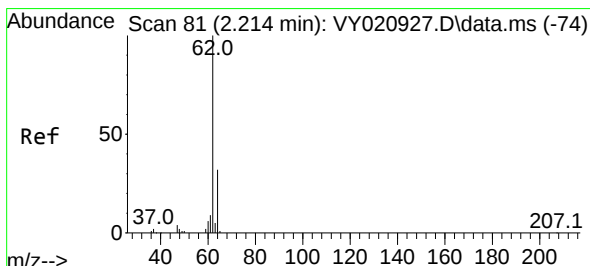
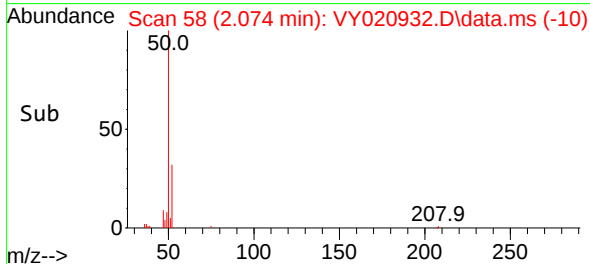
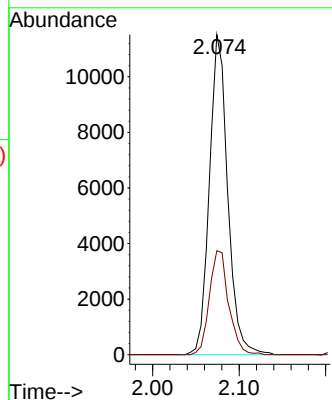
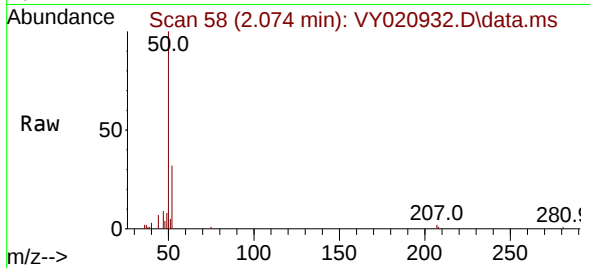




#3
Chloromethane
Concen: 10.982 ug/l
RT: 2.074 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

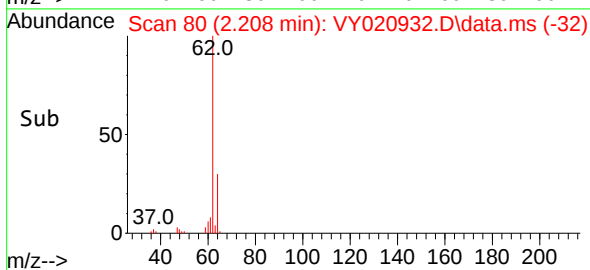
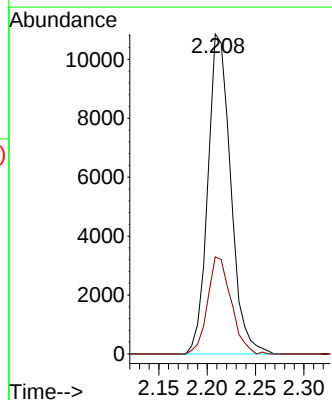
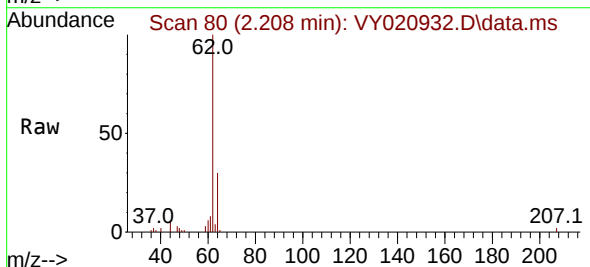
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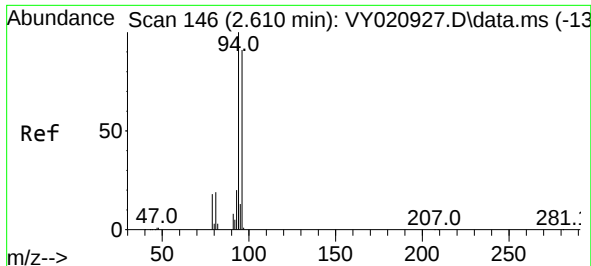
Tgt Ion: 50 Resp: 16929
Ion Ratio Lower Upper
50 100
52 32.5 27.4 41.0



#4
Vinyl Chloride
Concen: 10.663 ug/l
RT: 2.208 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY020932.D
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Tgt Ion: 62 Resp: 17914
Ion Ratio Lower Upper
62 100
64 30.3 25.7 38.5

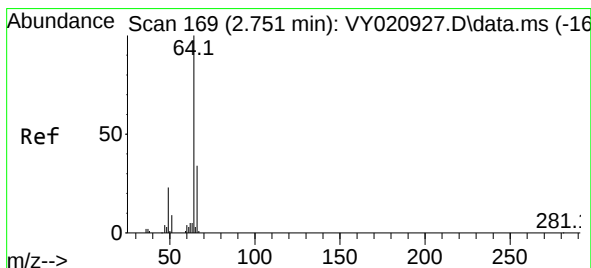
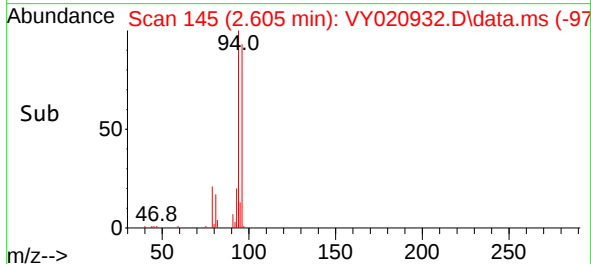
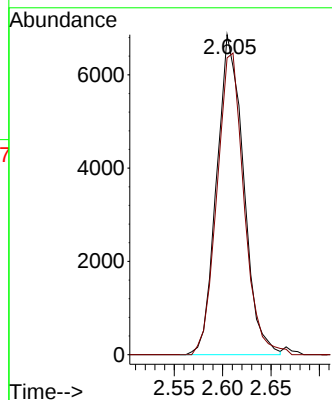
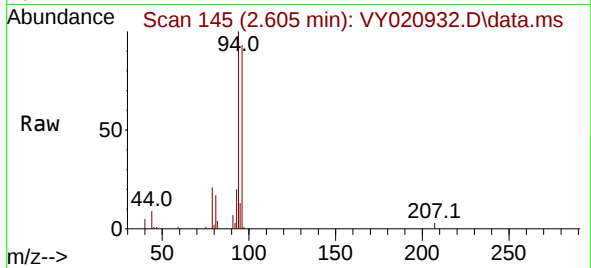




#5
Bromomethane
Concen: 11.613 ug/l
RT: 2.605 min Scan# 146
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

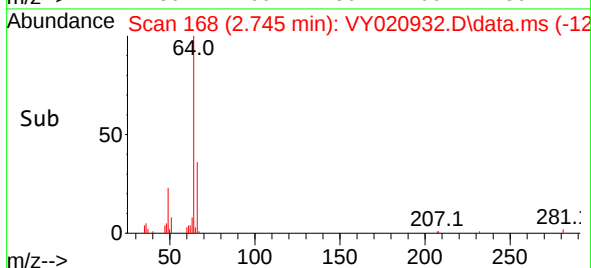
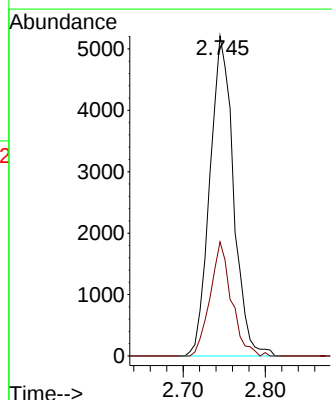
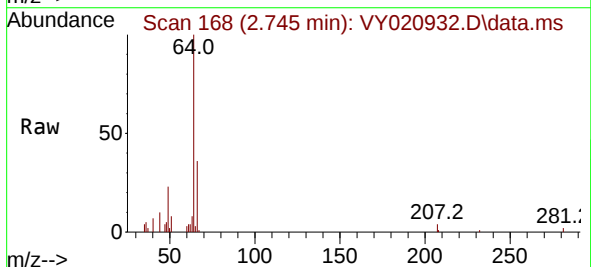
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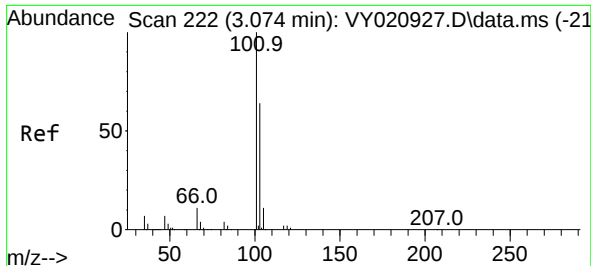
Tgt Ion: 94 Resp: 13214
Ion Ratio Lower Upper
94 100
96 92.7 72.6 109.0



#6
Chloroethane
Concen: 10.551 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 64 Resp: 10400
Ion Ratio Lower Upper
64 100
66 35.7 26.9 40.3

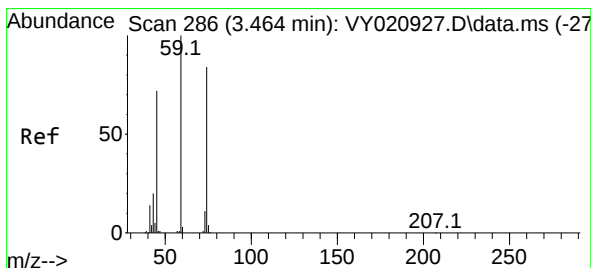
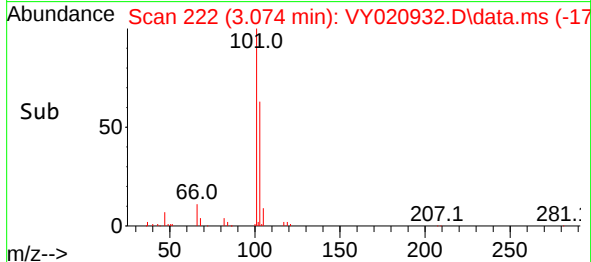
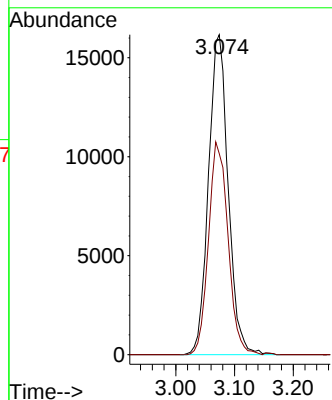
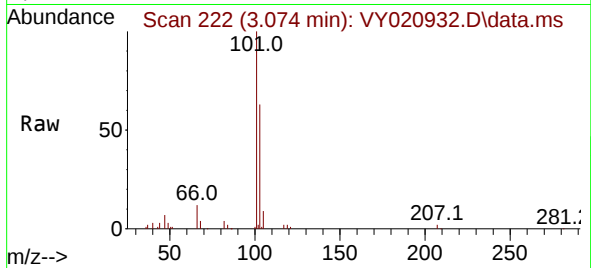




#7
 Trichlorofluoromethane
 Concen: 10.524 ug/l
 RT: 3.074 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

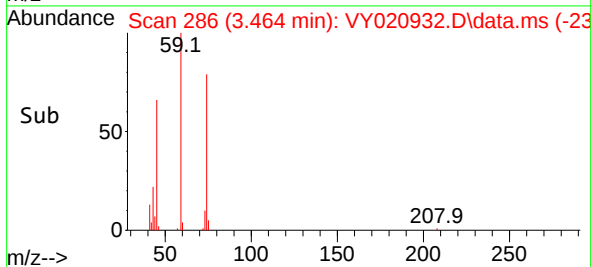
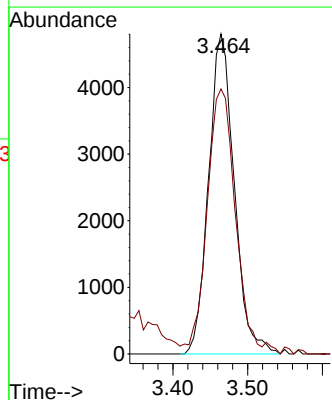
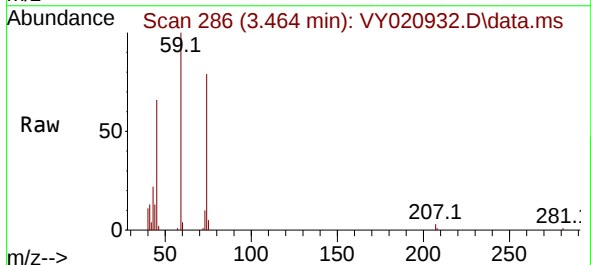
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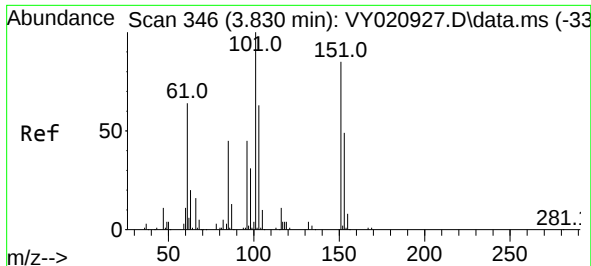
Tgt Ion:101 Resp: 37567
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.0 76.4



#8
 Diethyl Ether
 Concen: 10.458 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.000 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

Tgt Ion: 74 Resp: 11473
 Ion Ratio Lower Upper
 74 100
 45 86.1 45.1 135.2

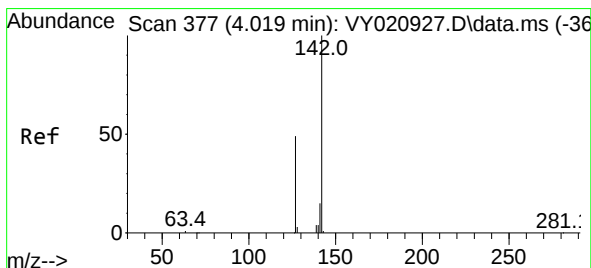
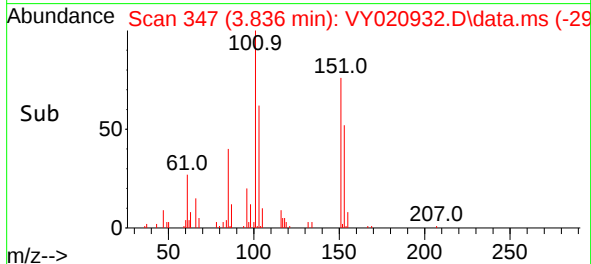
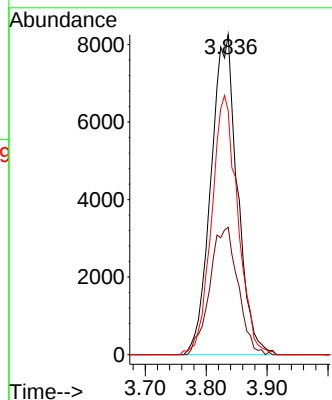
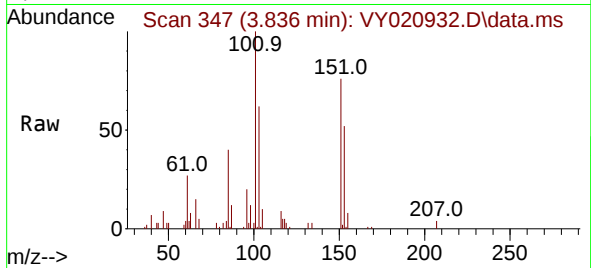




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.554 ug/l
RT: 3.836 min Scan# 346
Delta R.T. 0.006 min
Lab File: VY020932.D
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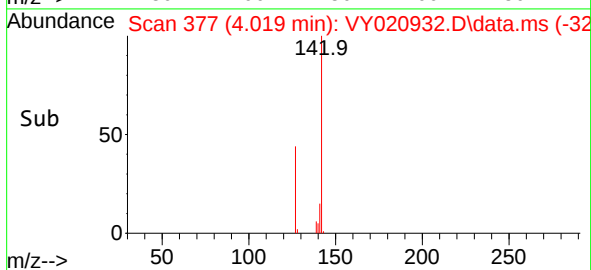
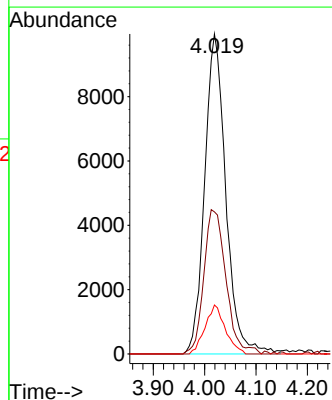
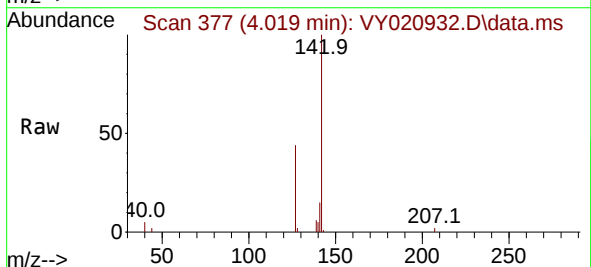
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

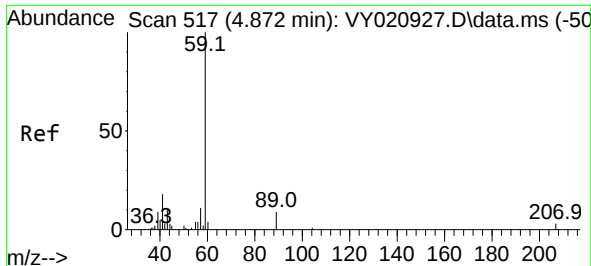
Tgt Ion:101 Resp: 24858
Ion Ratio Lower Upper
101 100
85 42.5 35.4 53.2
151 80.2 66.3 99.5



#10
Methyl Iodide
Concen: 10.150 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion:142 Resp: 28491
Ion Ratio Lower Upper
142 100
127 47.0 37.3 55.9
141 14.6 11.4 17.2

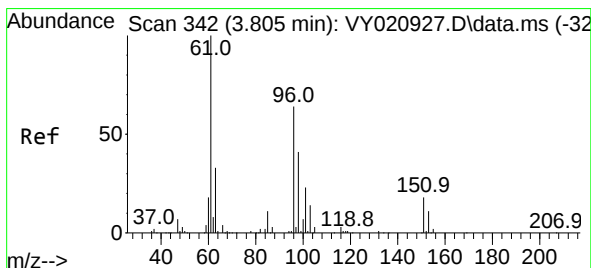
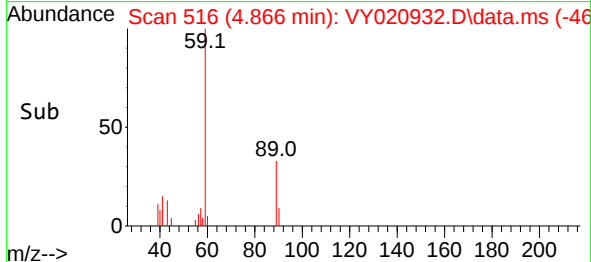
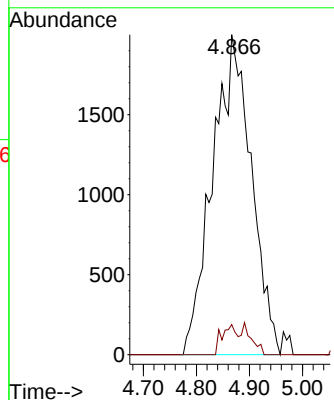
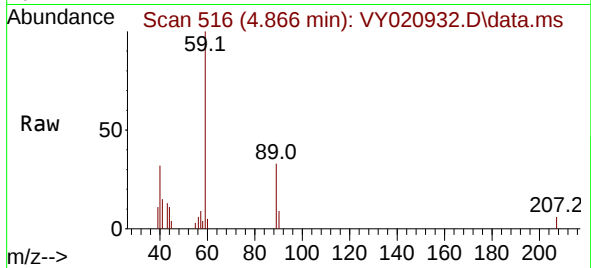




#11
Tert butyl alcohol
Concen: 60.087 ug/l
RT: 4.866 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

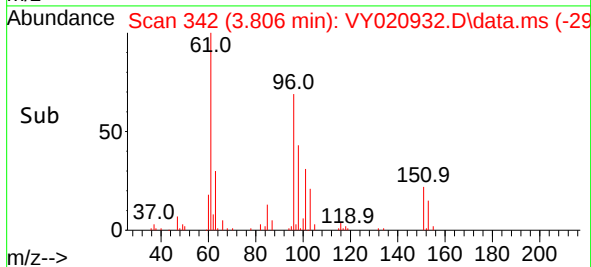
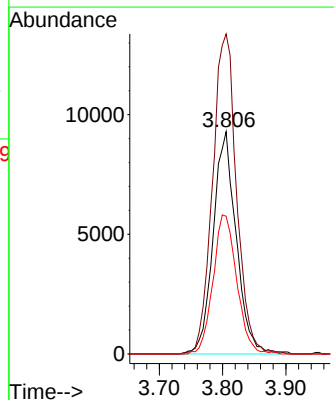
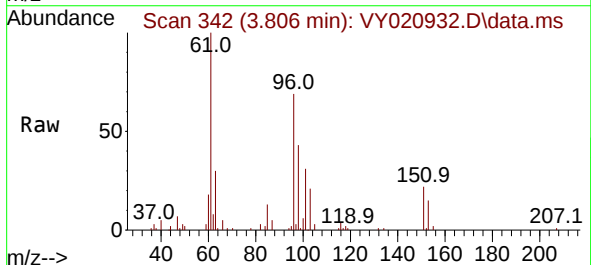
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

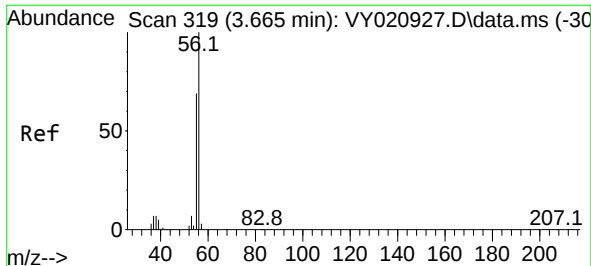
Tgt Ion: 59 Resp: 10134
Ion Ratio Lower Upper
59 100
57 3.6 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 10.539 ug/l
RT: 3.806 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 96 Resp: 23441
Ion Ratio Lower Upper
96 100
61 144.0 124.5 186.7
98 62.0 50.5 75.7





#13

Acrolein

Concen: 52.222 ug/l

RT: 3.665 min Scan# 319

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

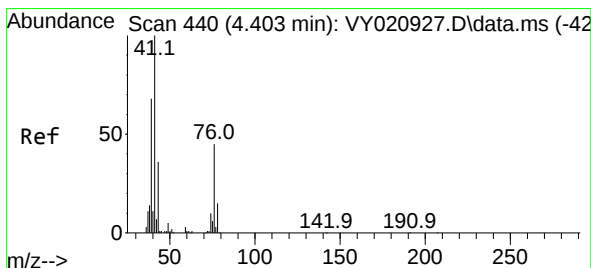
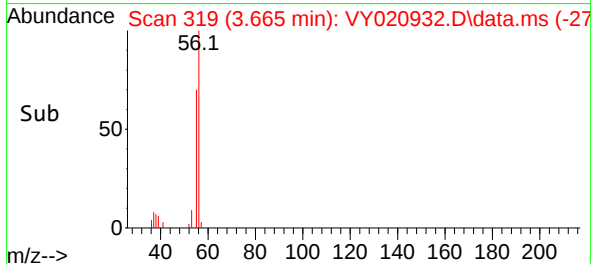
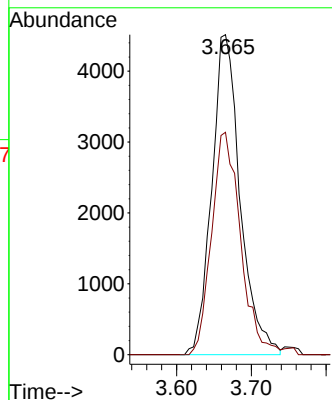
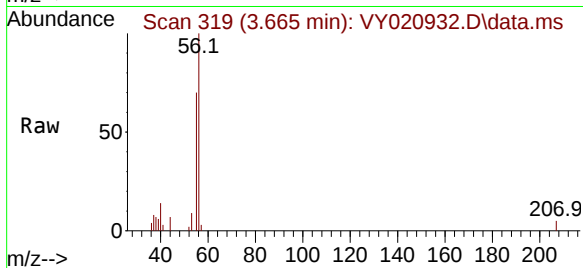
VSTDICC010

Tgt Ion: 56 Resp: 11940

Ion Ratio Lower Upper

56 100

55 70.6 54.6 81.8



#14

Allyl chloride

Concen: 10.389 ug/l

RT: 4.403 min Scan# 440

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

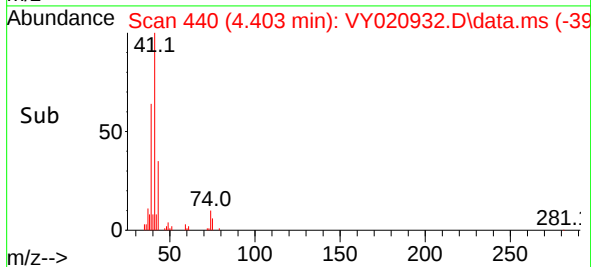
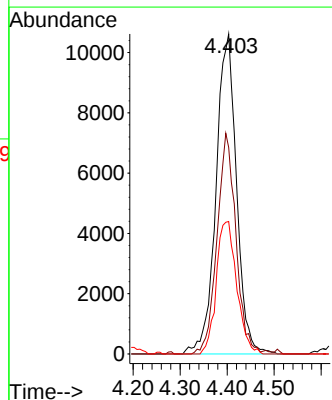
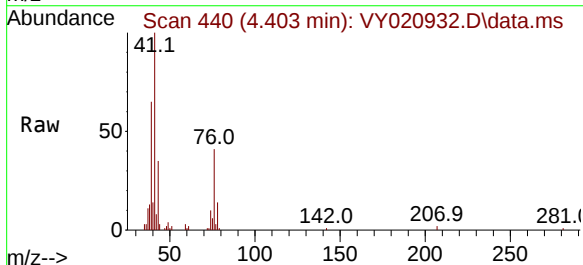
Tgt Ion: 41 Resp: 32252

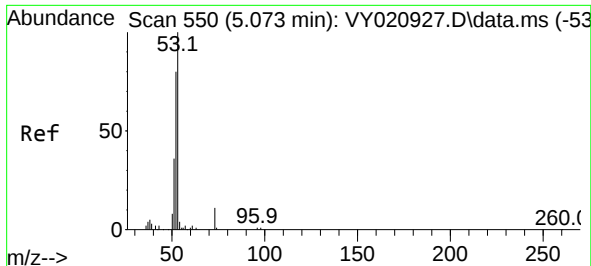
Ion Ratio Lower Upper

41 100

39 63.5 53.8 80.6

76 41.1 34.2 51.4

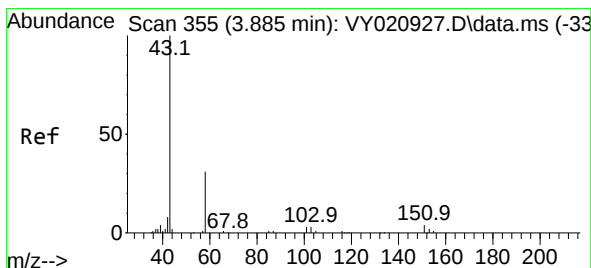
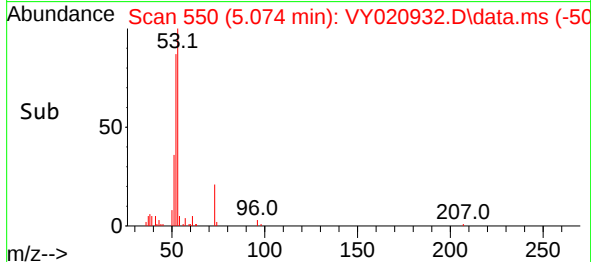
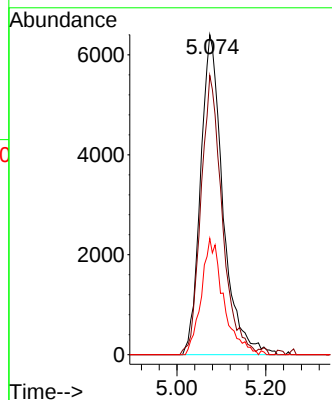
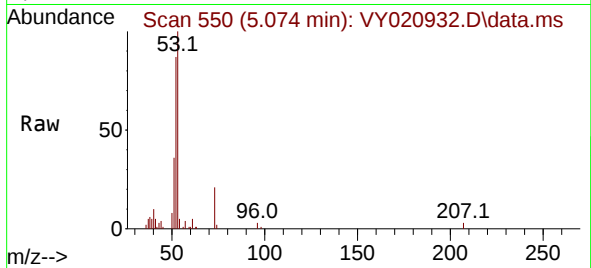




#15
Acrylonitrile
Concen: 52.066 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

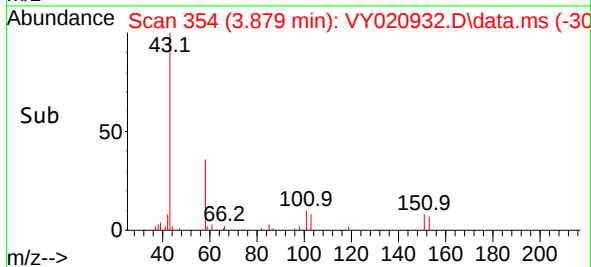
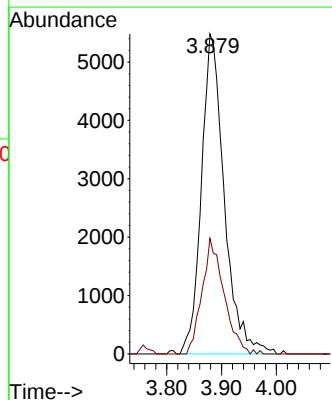
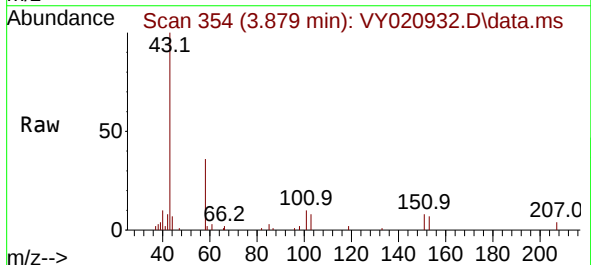
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

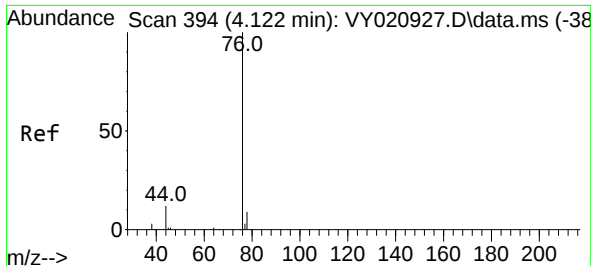
Tgt Ion: 53	Resp: 22453
Ion Ratio	Lower Upper
53 100	
52 82.8	64.5 96.7
51 36.0	28.9 43.3



#16
Acetone
Concen: 53.691 ug/l
RT: 3.879 min Scan# 354
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 43	Resp: 15893
Ion Ratio	Lower Upper
43 100	
58 36.1	25.6 38.4

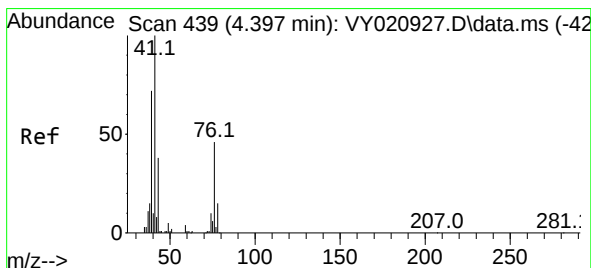
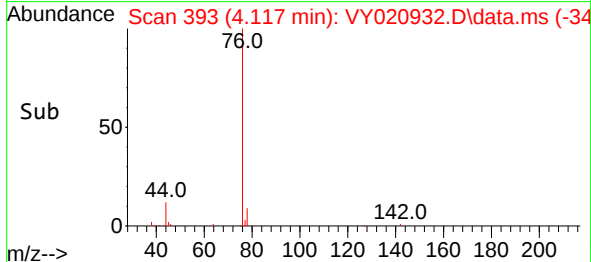
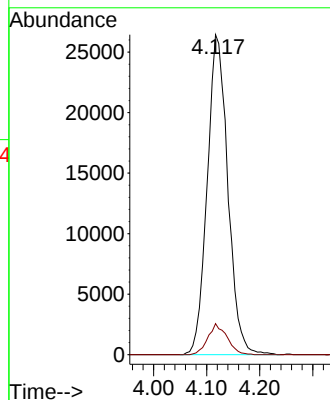
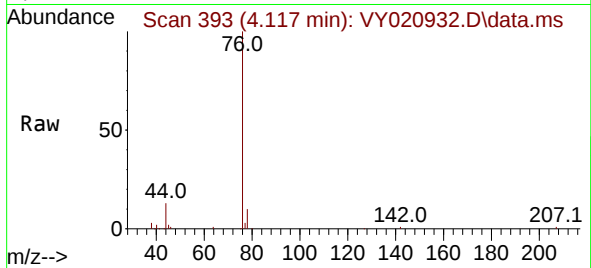




#17
Carbon Disulfide
Concen: 10.407 ug/l
RT: 4.117 min Scan# 393
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

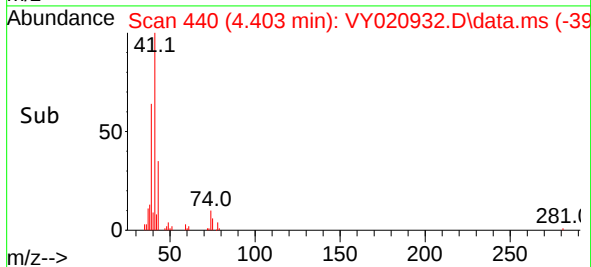
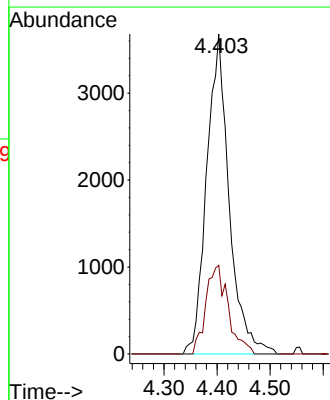
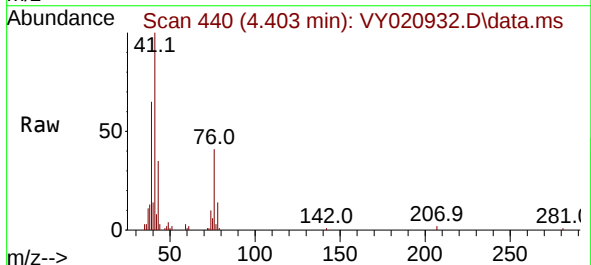
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

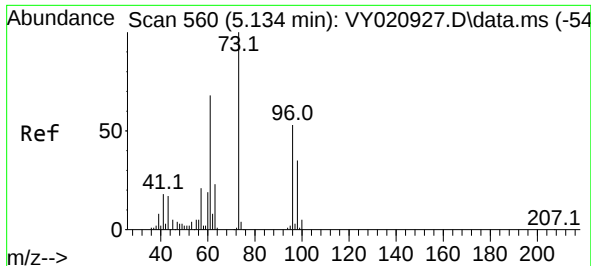
Tgt Ion: 76 Resp: 71488
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



#18
Methyl Acetate
Concen: 10.126 ug/l
RT: 4.403 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 43 Resp: 10828
Ion Ratio Lower Upper
43 100
74 27.5 21.0 31.6

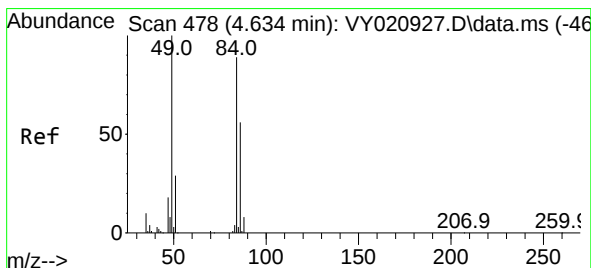
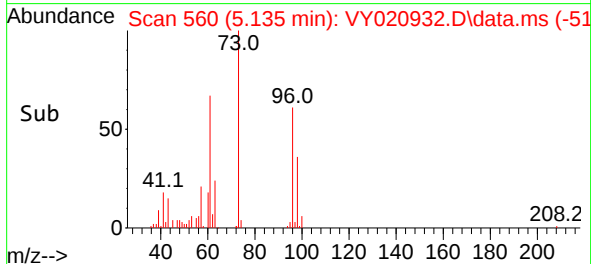
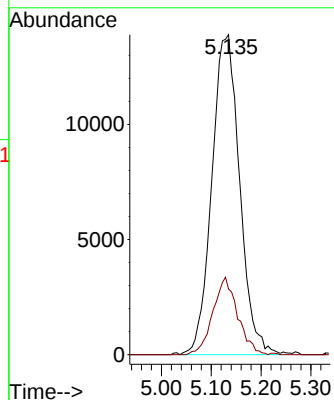
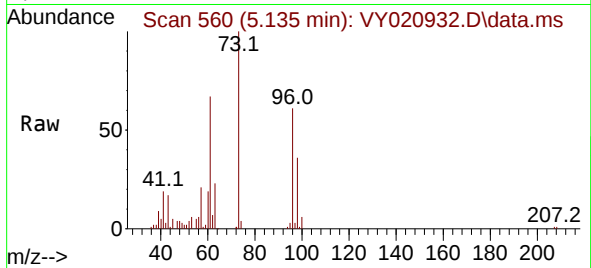




#19
Methyl tert-butyl Ether
Concen: 10.449 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

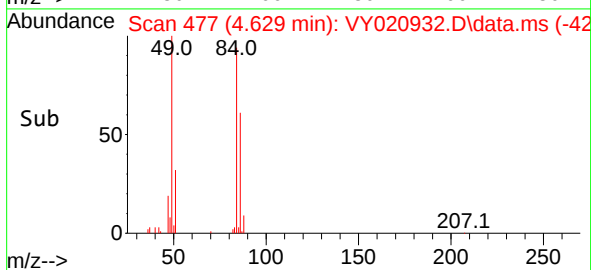
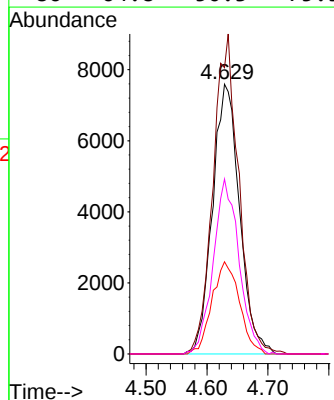
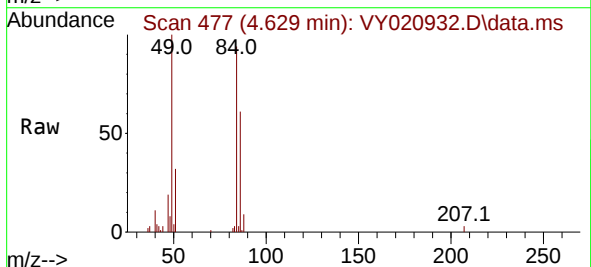
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

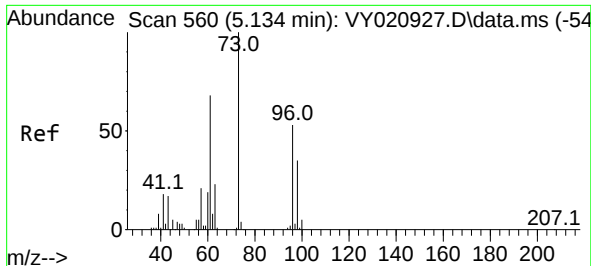
Tgt Ion: 73 Resp: 53833
Ion Ratio Lower Upper
73 100
57 20.6 17.0 25.6



#20
Methylene Chloride
Concen: 10.627 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 84 Resp: 23395
Ion Ratio Lower Upper
84 100
49 106.1 90.3 135.5
51 34.1 26.6 39.8
86 64.8 50.3 75.5

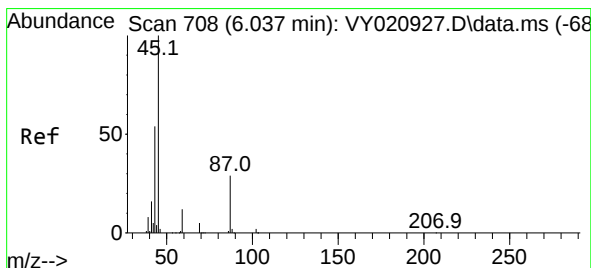
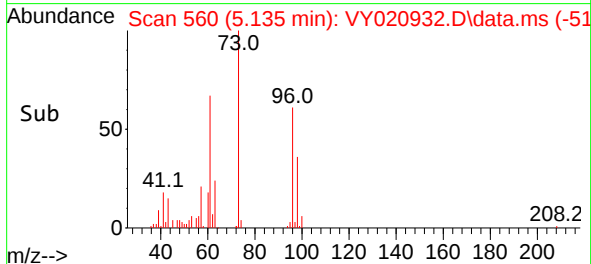
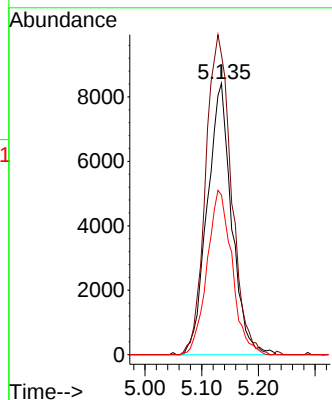
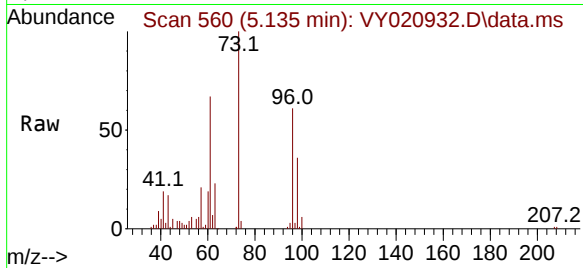




#21
trans-1,2-Dichloroethene
Concen: 10.510 ug/l
RT: 5.135 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

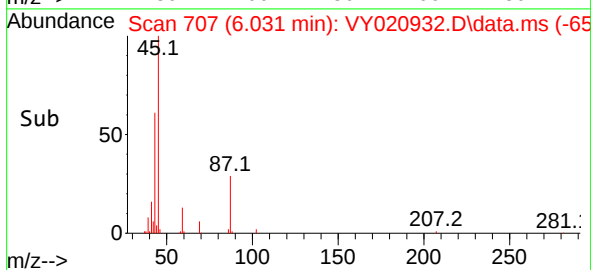
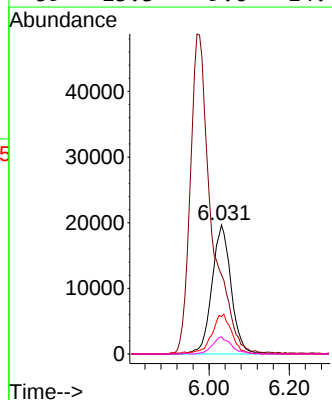
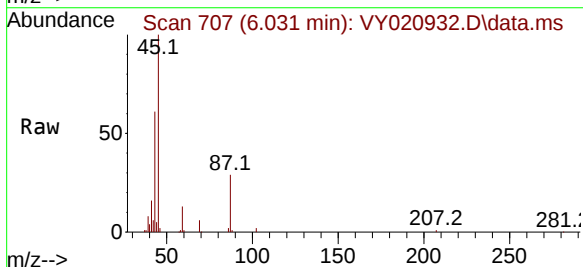
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

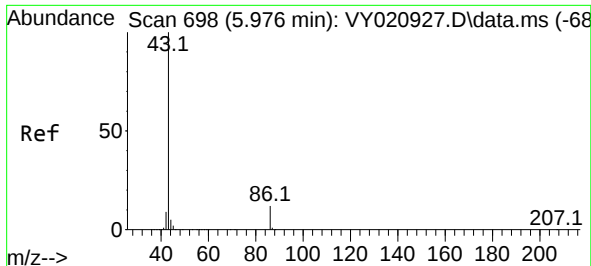
Tgt Ion: 96 Resp: 25204
Ion Ratio Lower Upper
96 100
61 110.4 102.4 153.6
98 58.8 52.0 78.0



#22
Diisopropyl ether
Concen: 10.442 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 45 Resp: 65207
Ion Ratio Lower Upper
45 100
43 60.3 43.2 64.8
87 29.0 23.4 35.0
59 13.3 9.6 14.4

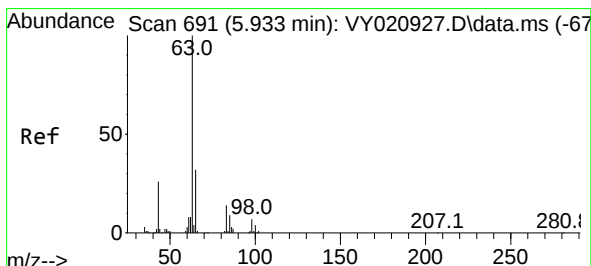
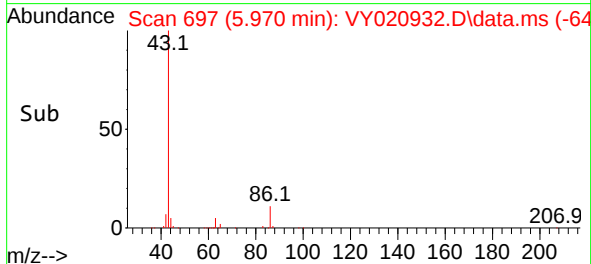
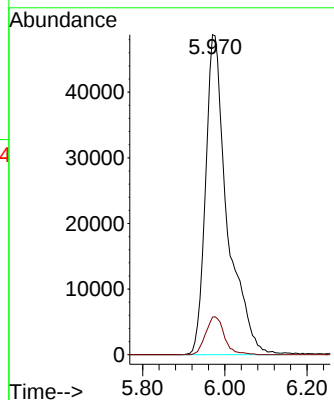
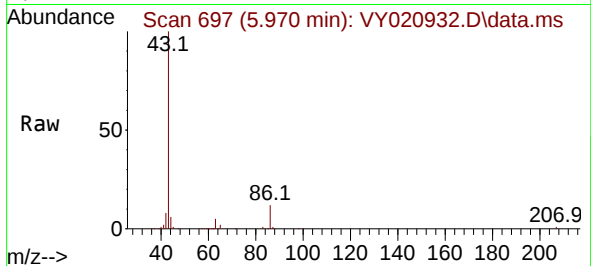




#23
 Vinyl Acetate
 Concen: 51.756 ug/l
 RT: 5.970 min Scan# 698
 Delta R.T. -0.006 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

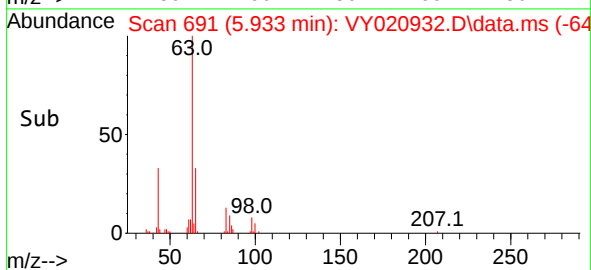
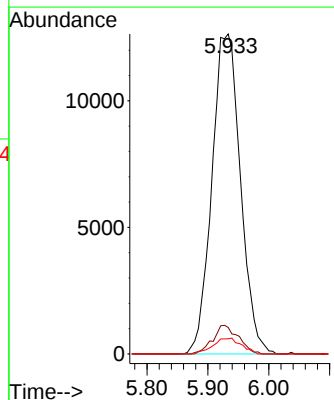
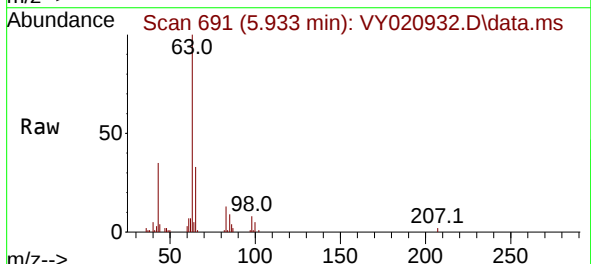
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

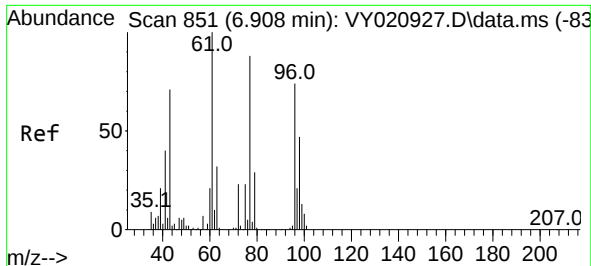
Tgt Ion: 43 Resp: 178870
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 10.406 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

Tgt Ion: 63 Resp: 41190
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.7 11.1
 100 4.8 2.3 6.8

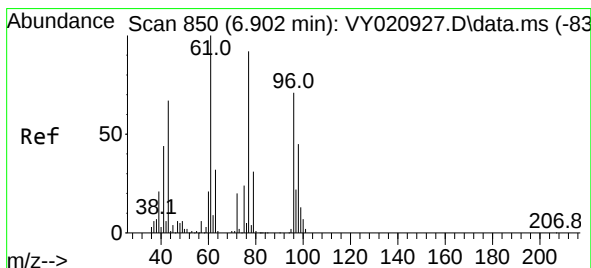
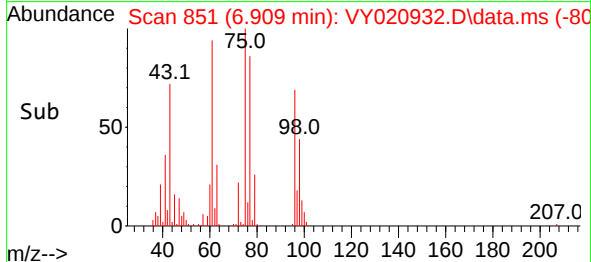
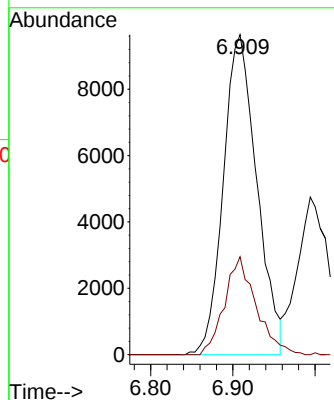
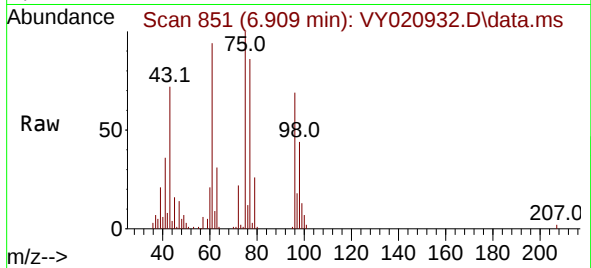




#25
2-Butanone
Concen: 54.417 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

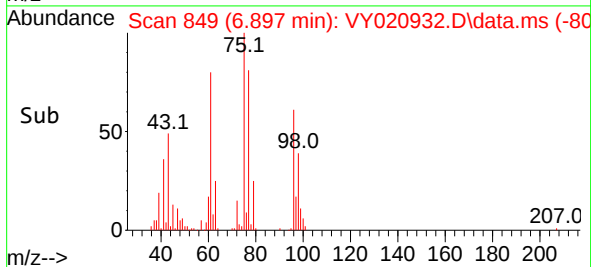
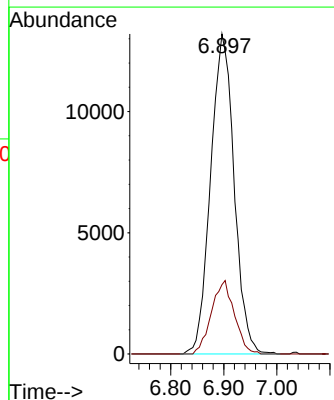
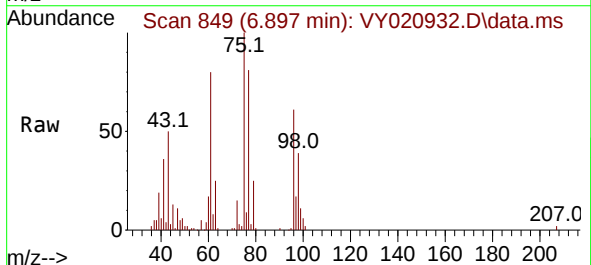
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

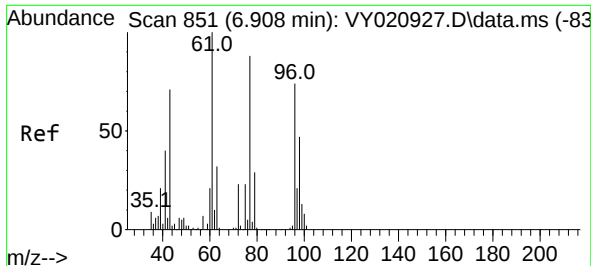
Tgt Ion: 43 Resp: 27286
Ion Ratio Lower Upper
43 100
72 30.6 25.8 38.8



#26
2,2-Dichloropropane
Concen: 10.430 ug/l
RT: 6.897 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 77 Resp: 40667
Ion Ratio Lower Upper
77 100
97 22.4 11.7 35.1

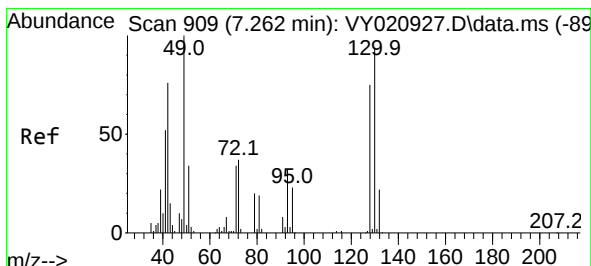
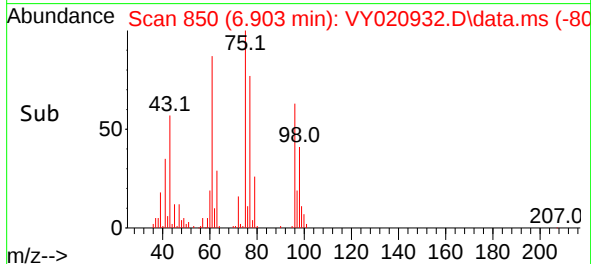
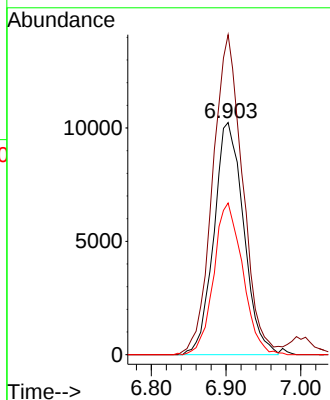
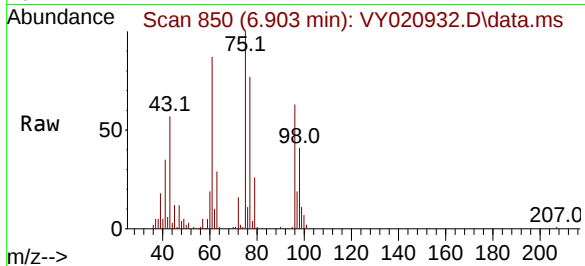




#27
 cis-1,2-Dichloroethene
 Concen: 10.453 ug/l
 RT: 6.903 min Scan# 850
 Delta R.T. -0.006 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

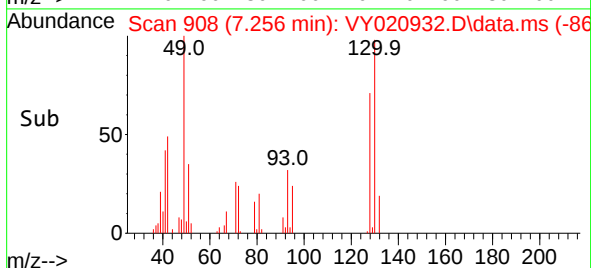
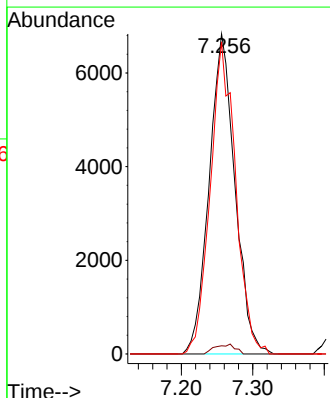
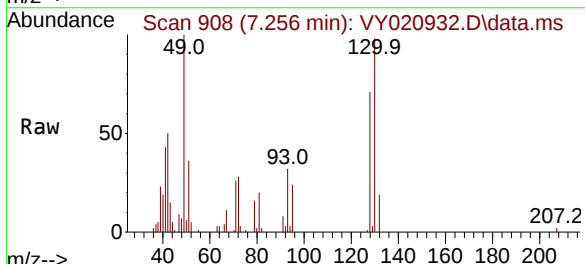
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC010

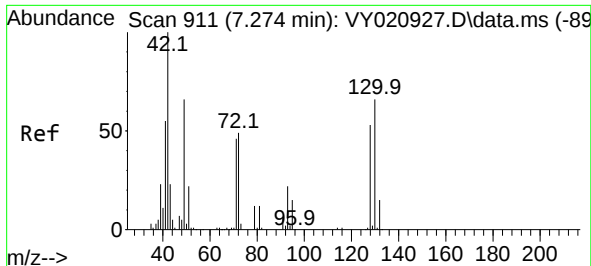
Tgt Ion: 96 Resp: 28292
 Ion Ratio Lower Upper
 96 100
 61 139.4 0.0 275.2
 98 63.8 0.0 129.6



#28
 Bromochloromethane
 Concen: 10.759 ug/l
 RT: 7.256 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VY020932.D
 Acq: 24 Jan 2025 15:59

Tgt Ion: 49 Resp: 17140
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.6
 130 95.4 72.6 109.0





#29

Tetrahydrofuran

Concen: 52.930 ug/l

RT: 7.268 min Scan# 911

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

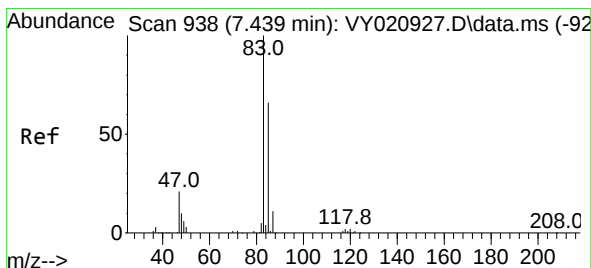
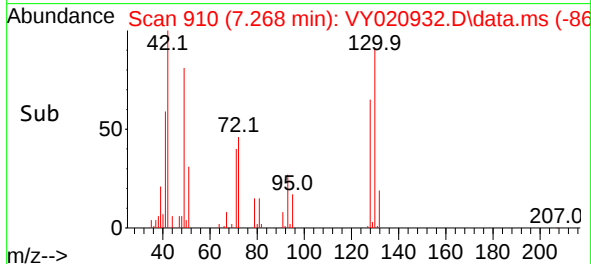
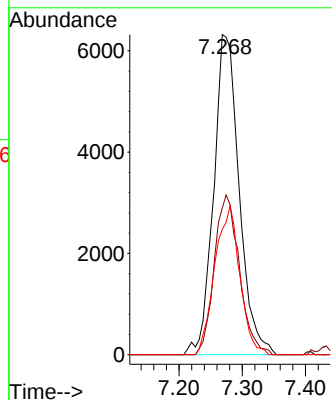
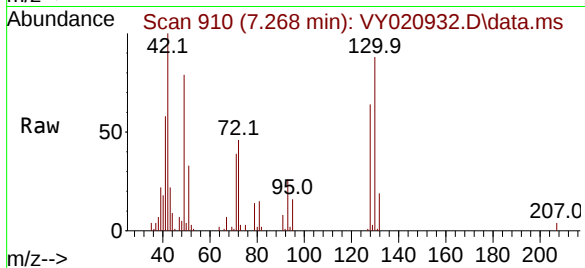
Tgt Ion: 42 Resp: 17688

Ion Ratio Lower Upper

42 100

72 49.0 38.8 58.2

71 45.6 36.4 54.6



#30

Chloroform

Concen: 10.362 ug/l

RT: 7.433 min Scan# 937

Delta R.T. -0.006 min

Lab File: VY020932.D

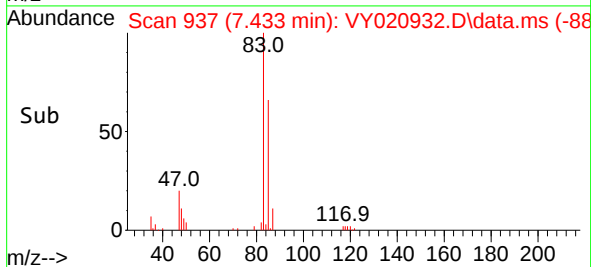
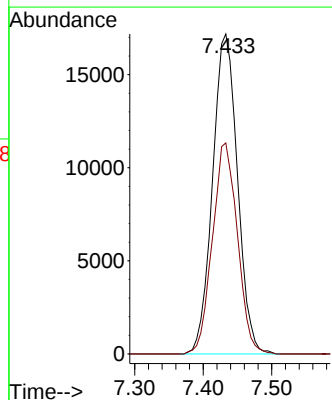
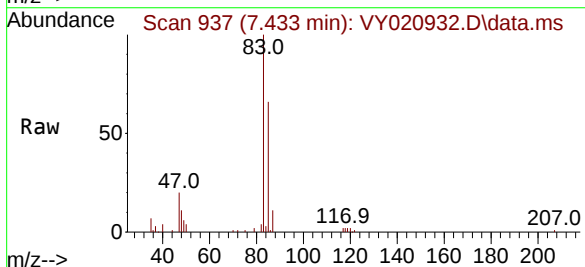
Acq: 24 Jan 2025 15:59

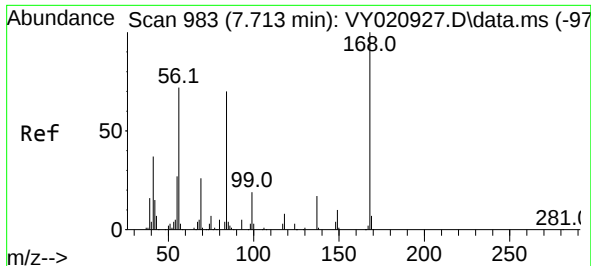
Tgt Ion: 83 Resp: 43413

Ion Ratio Lower Upper

83 100

85 65.9 53.0 79.4

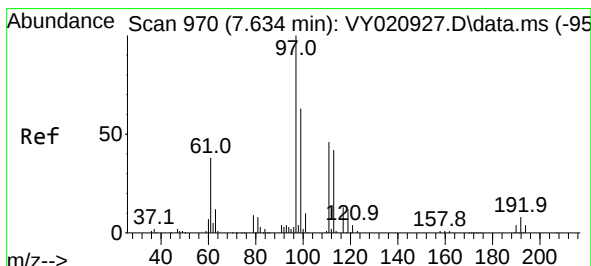
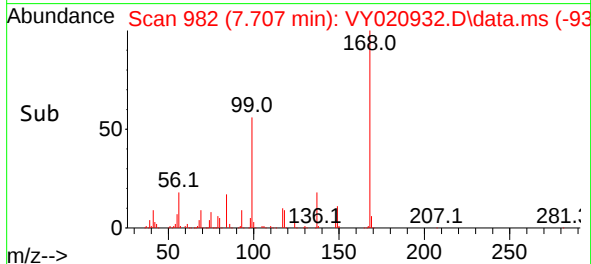
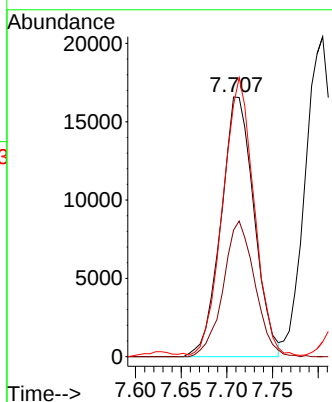
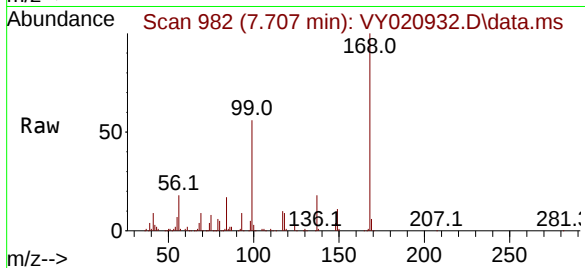




#31
Cyclohexane
Concen: 10.729 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

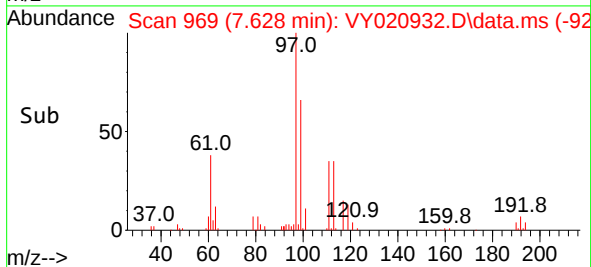
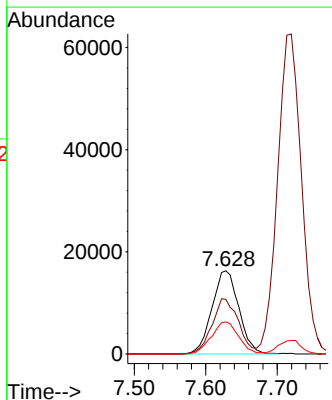
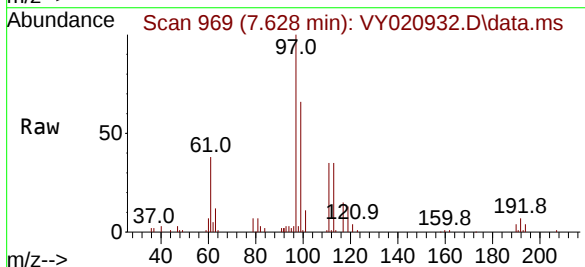
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

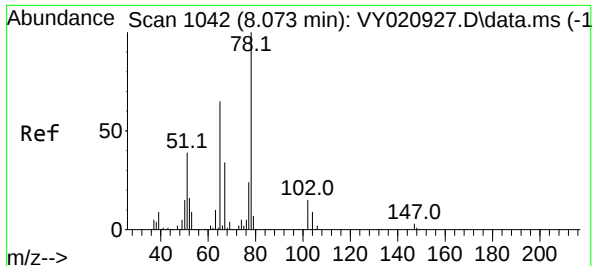
Tgt Ion: 56 Resp: 41740
Ion Ratio Lower Upper
56 100
69 48.8 28.7 43.1#
84 96.1 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 10.444 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 97 Resp: 42440
Ion Ratio Lower Upper
97 100
99 65.7 51.7 77.5
61 39.0 30.8 46.2





#33

1,2-Dichloroethane-d4

Concen: 10.126 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

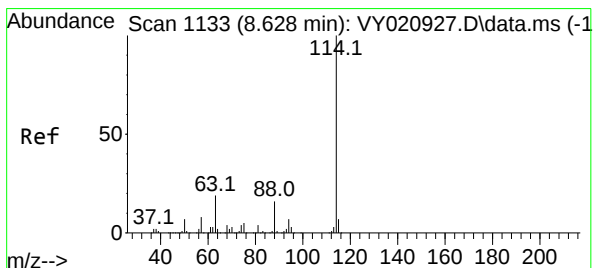
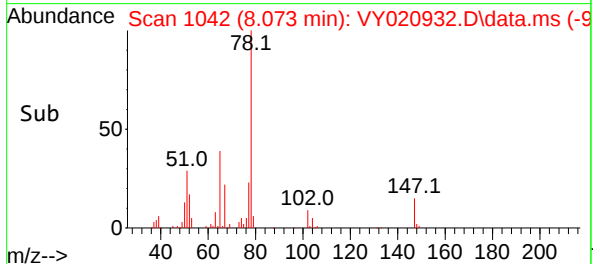
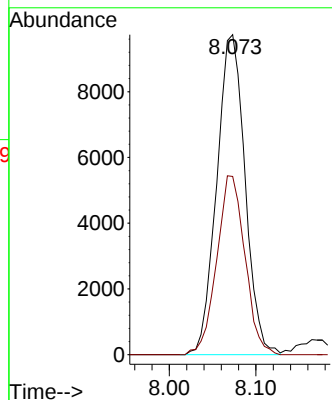
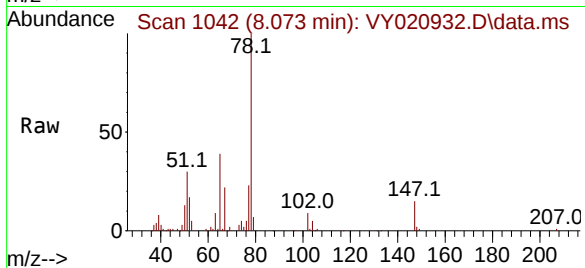
VSTDIC010

Tgt Ion: 65 Resp: 22122

Ion Ratio Lower Upper

65 100

67 55.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

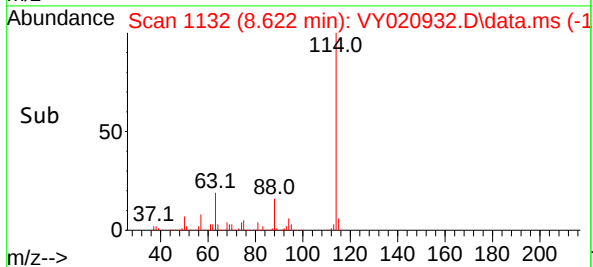
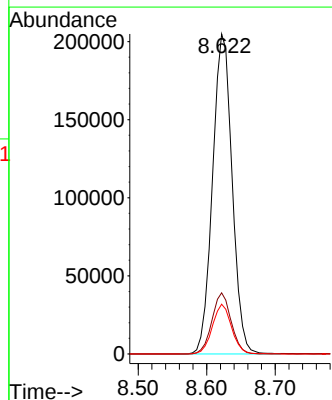
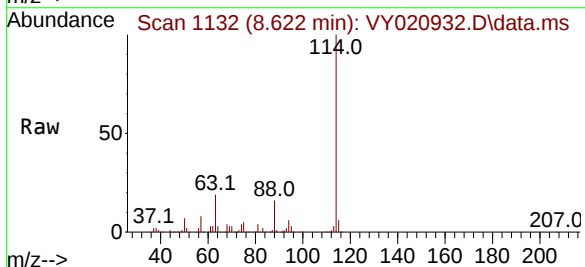
Tgt Ion: 114 Resp: 405611

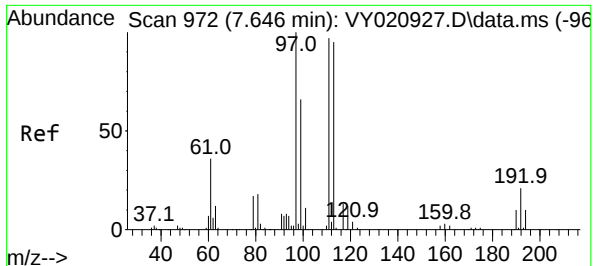
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.6 0.0 31.6

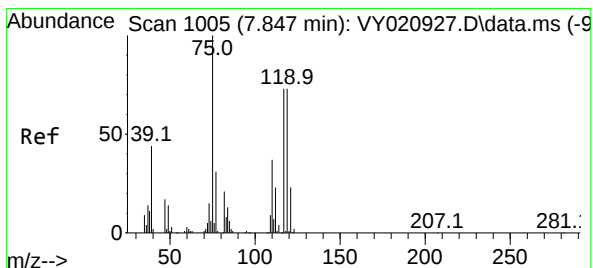
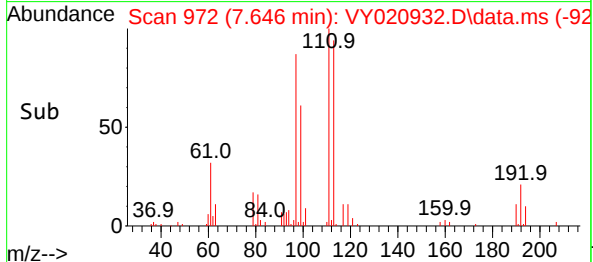
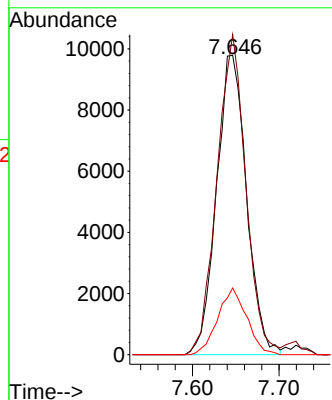
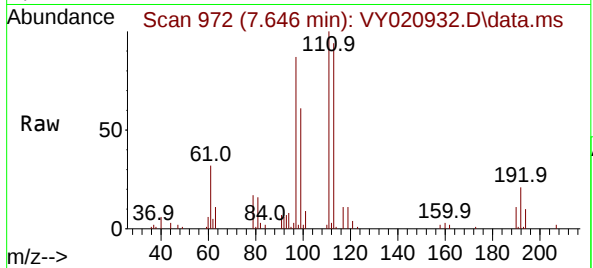




#35
Dibromofluoromethane
Concen: 10.149 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

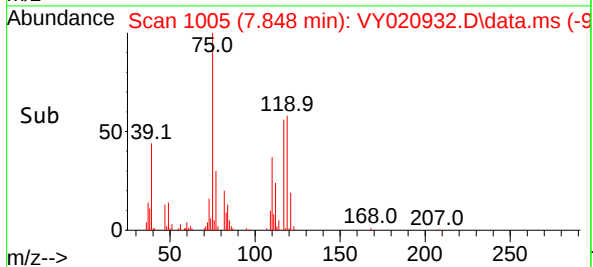
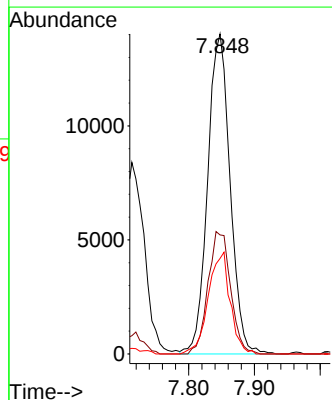
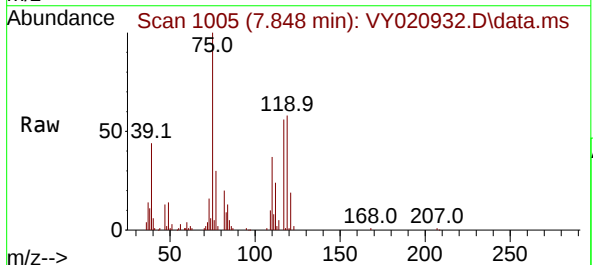
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

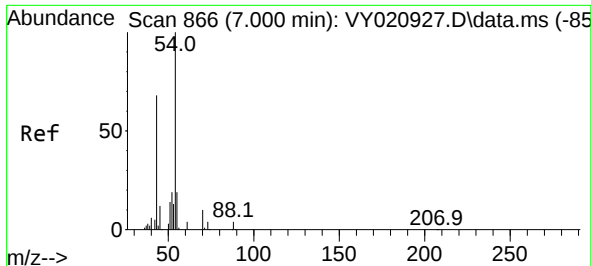
Tgt Ion:113 Resp: 23633
Ion Ratio Lower Upper
113 100
111 102.4 82.3 123.5
192 21.5 17.4 26.2



#36
1,1-Dichloropropene
Concen: 10.272 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 75 Resp: 33395
Ion Ratio Lower Upper
75 100
110 38.4 18.5 55.5
77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 10.856 ug/l

RT: 6.994 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

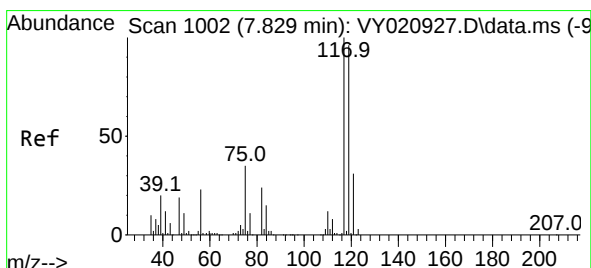
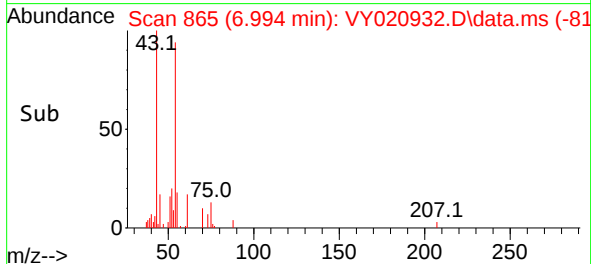
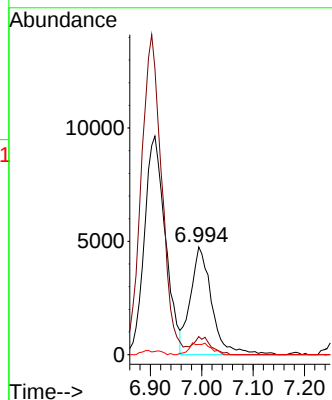
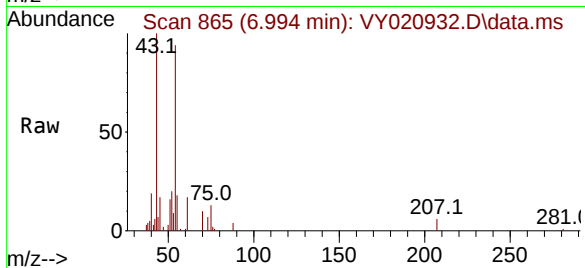
Tgt Ion: 43 Resp: 13693

Ion Ratio Lower Upper

43 100

61 13.2 12.1 18.1

70 6.4 9.5 14.3#



#38

Carbon Tetrachloride

Concen: 10.396 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

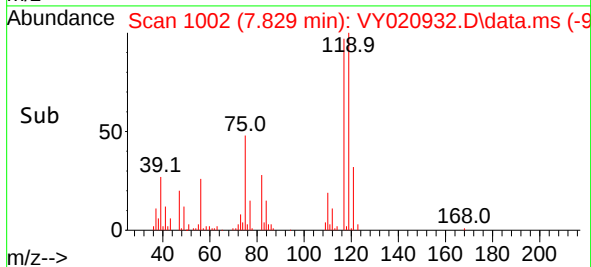
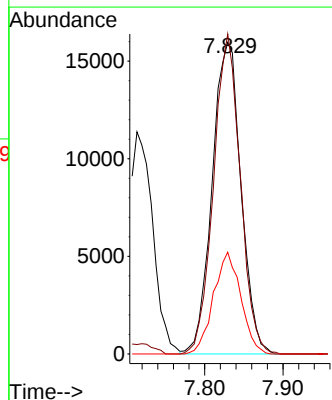
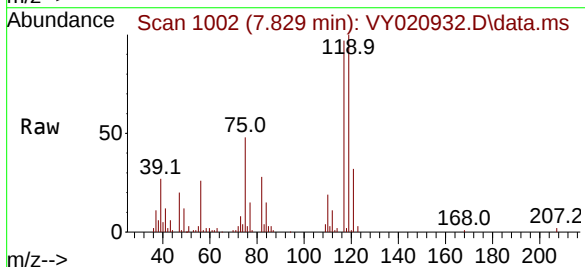
Tgt Ion:117 Resp: 40759

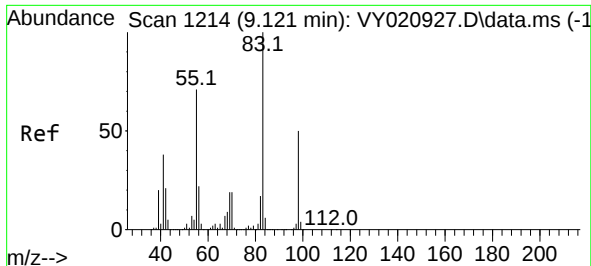
Ion Ratio Lower Upper

117 100

119 102.7 76.5 114.7

121 32.7 25.0 37.4





#39

Methylcyclohexane

Concen: 10.189 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

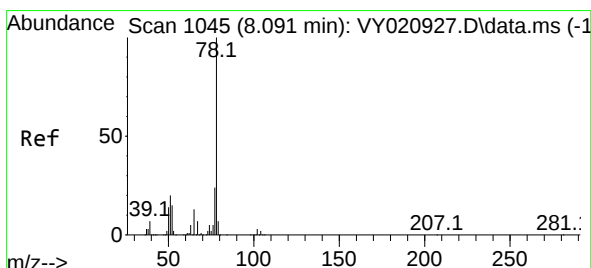
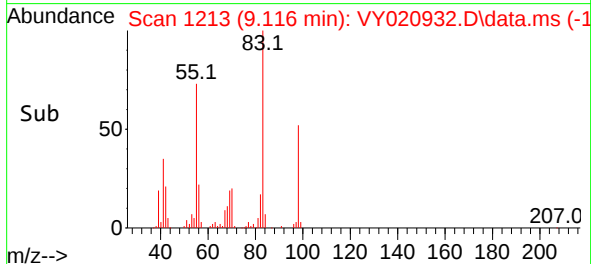
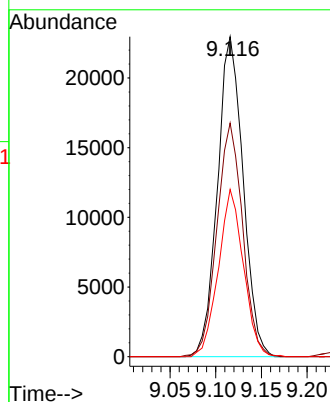
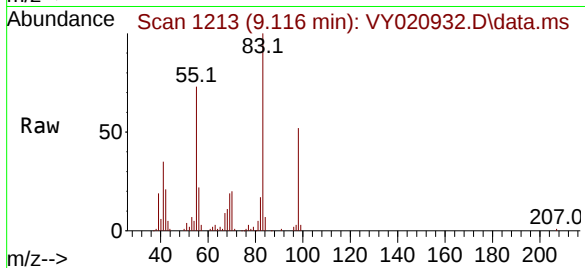
Tgt Ion: 83 Resp: 44847

Ion Ratio Lower Upper

83 100

55 73.0 57.0 85.4

98 52.2 40.1 60.1



#40

Benzene

Concen: 10.492 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020932.D

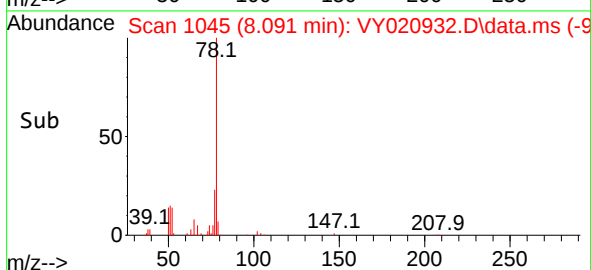
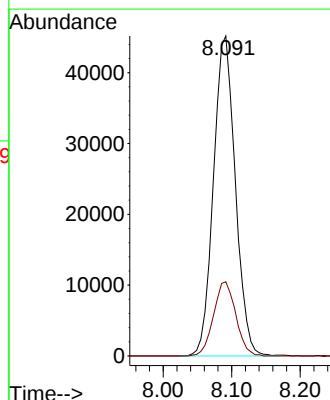
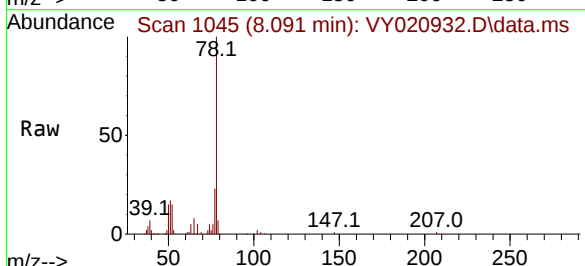
Acq: 24 Jan 2025 15:59

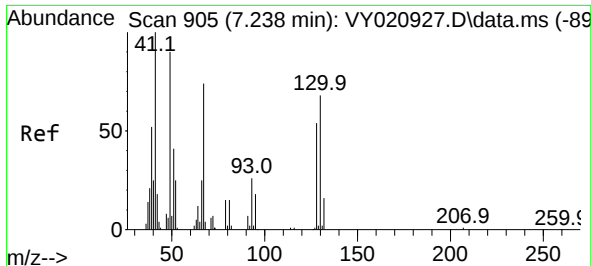
Tgt Ion: 78 Resp: 100069

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.6

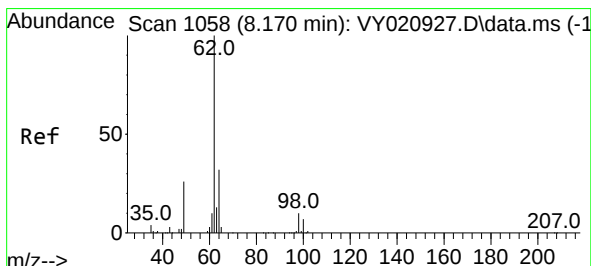
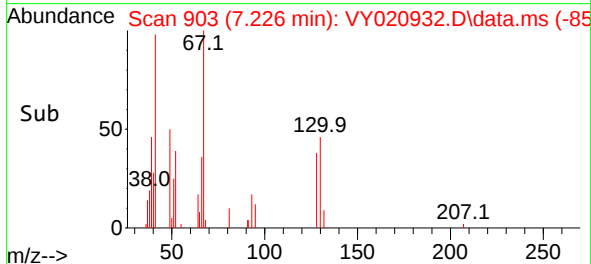
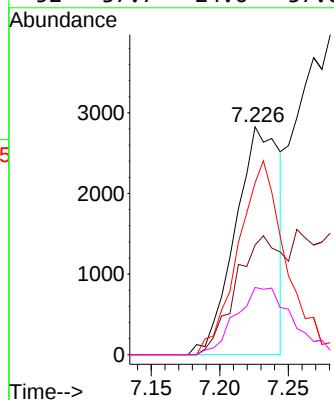
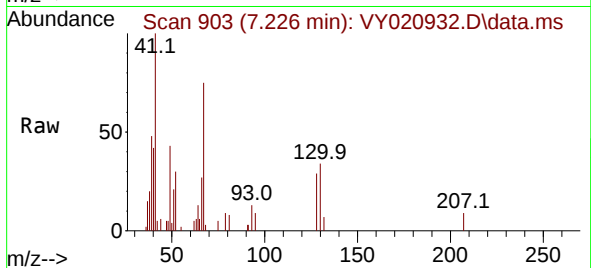




#41
Methacrylonitrile
Concen: 9.479 ug/l
RT: 7.226 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

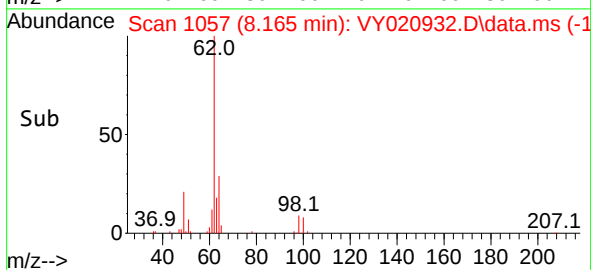
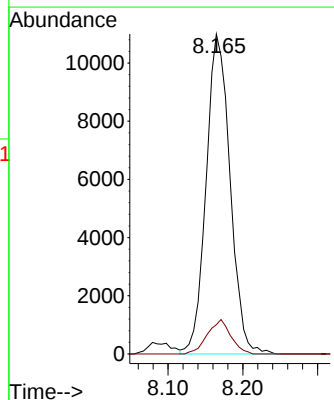
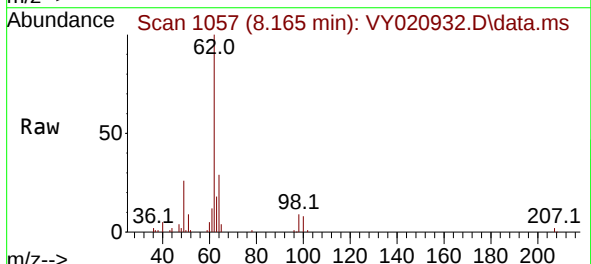
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

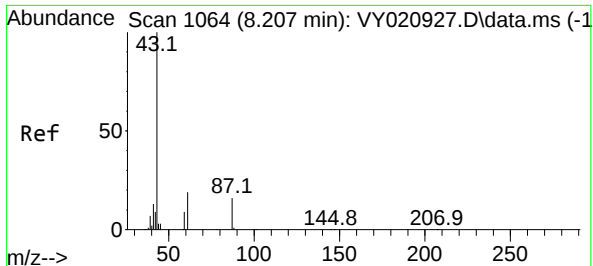
Tgt Ion:	41	Resp:	6316
Ion Ratio	Lower	Upper	
41	100		
39	58.3	46.4	69.6
67	93.5	66.7	100.1
52	37.7	24.6	37.0



#42
1,2-Dichloroethane
Concen: 10.322 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion:	62	Resp:	24497
Ion Ratio	Lower	Upper	
62	100		
98	10.5	0.0	19.8

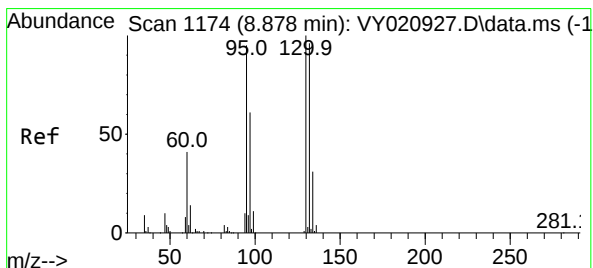
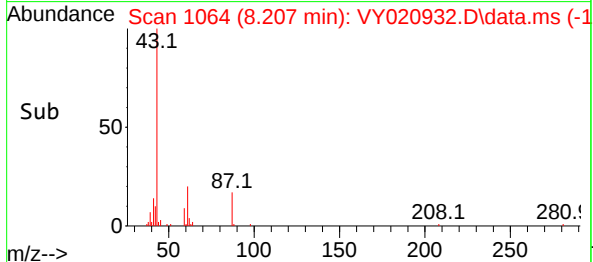
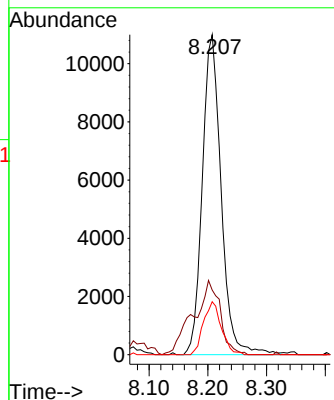
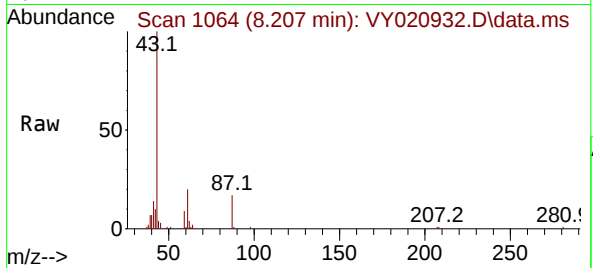




#43
Isopropyl Acetate
Concen: 10.225 ug/l
RT: 8.207 min Scan# 1064
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

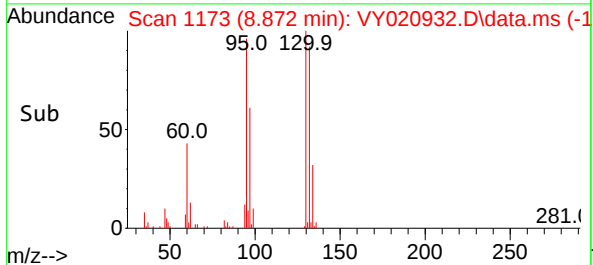
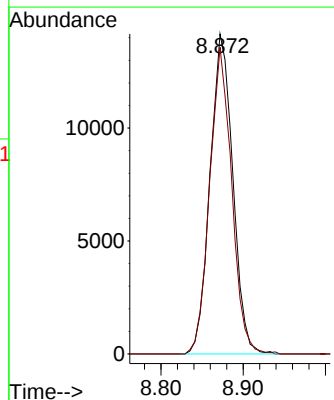
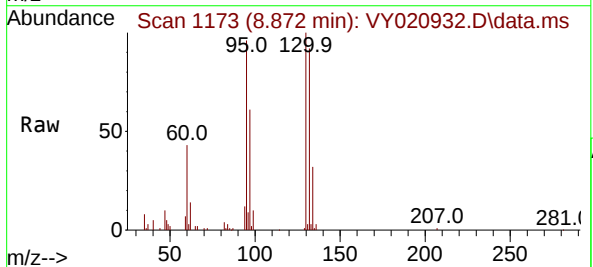
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

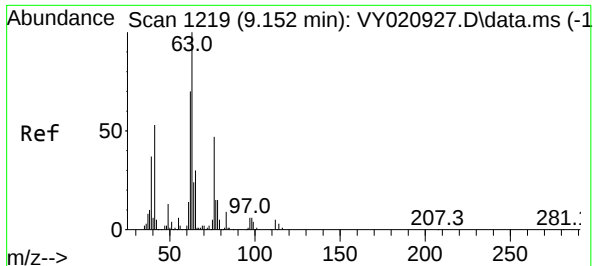
Tgt Ion: 43 Resp: 24458
Ion Ratio Lower Upper
43 100
61 33.2 26.0 39.0
87 15.8 12.4 18.6



#44
Trichloroethene
Concen: 10.516 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion:130 Resp: 27248
Ion Ratio Lower Upper
130 100
95 95.9 0.0 189.4





#45

1,2-Dichloropropane

Concen: 10.414 ug/l

RT: 9.146 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

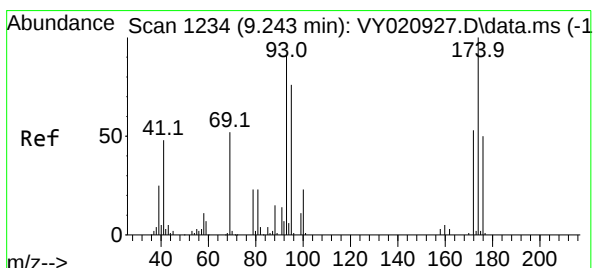
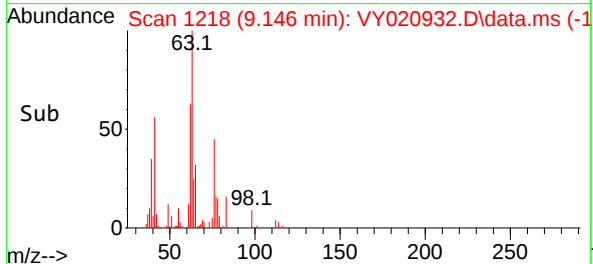
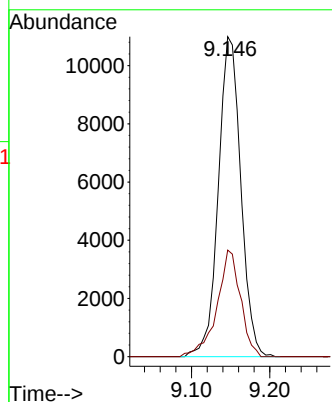
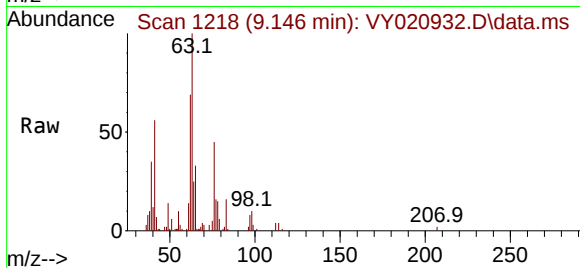
VSTDIC010

Tgt Ion: 63 Resp: 21926

Ion Ratio Lower Upper

63 100

65 33.3 23.9 35.9



#46

Dibromomethane

Concen: 10.500 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

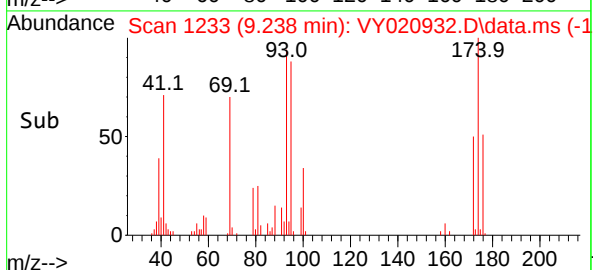
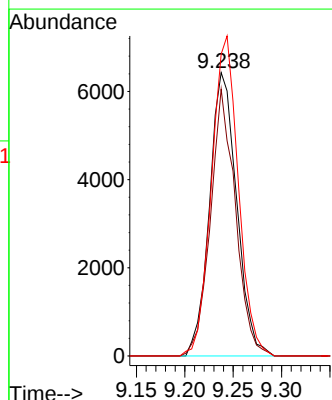
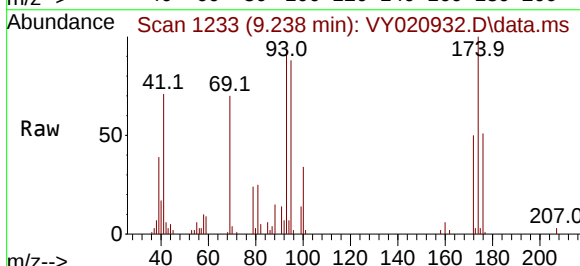
Tgt Ion: 93 Resp: 12568

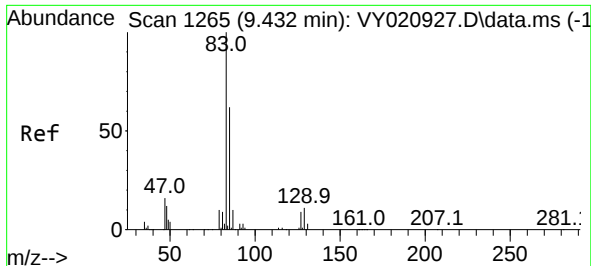
Ion Ratio Lower Upper

93 100

95 86.6 66.2 99.2

174 111.3 87.0 130.4

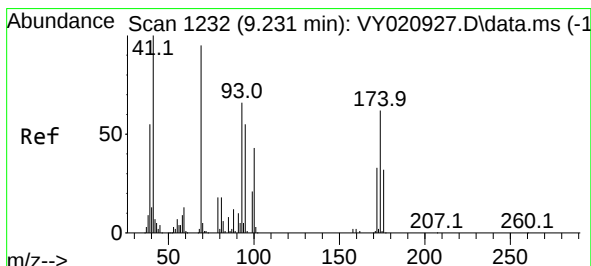
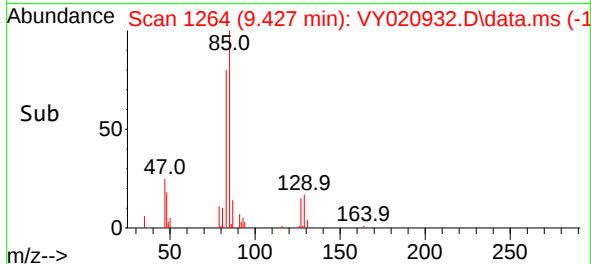
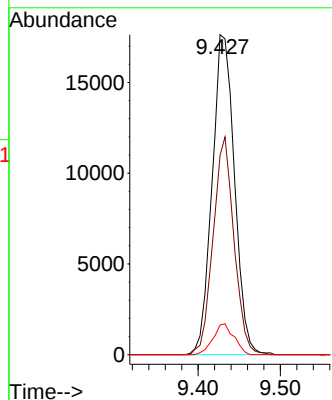
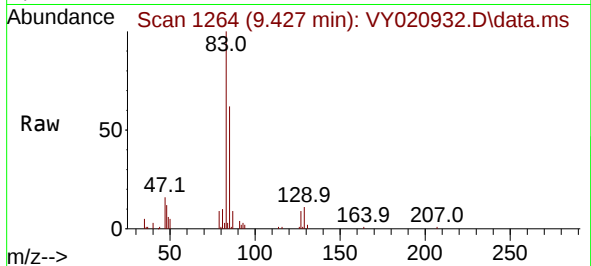




#47
Bromodichloromethane
Concen: 10.485 ug/l
RT: 9.427 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

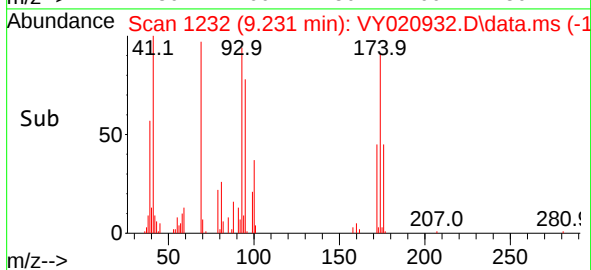
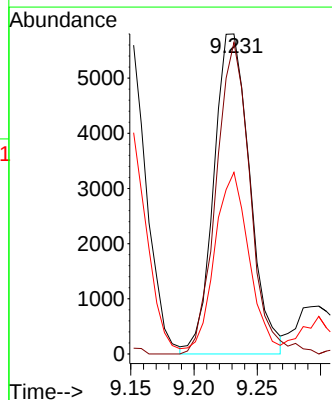
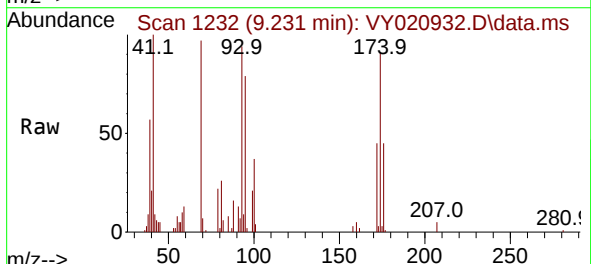
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

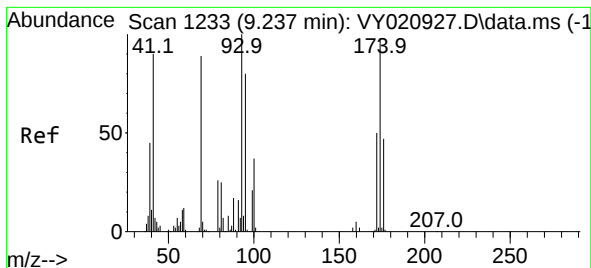
Tgt Ion: 83 Resp: 33393
Ion Ratio Lower Upper
83 100
85 62.3 49.3 73.9
127 9.3 7.4 11.0



#48
Methyl methacrylate
Concen: 10.167 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 41 Resp: 11471
Ion Ratio Lower Upper
41 100
69 92.3 77.0 115.4
39 51.9 41.1 61.7





#49

1,4-Dioxane

Concen: 207.730 ug/l

RT: 9.244 min Scan# 1234

Delta R.T. 0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC010

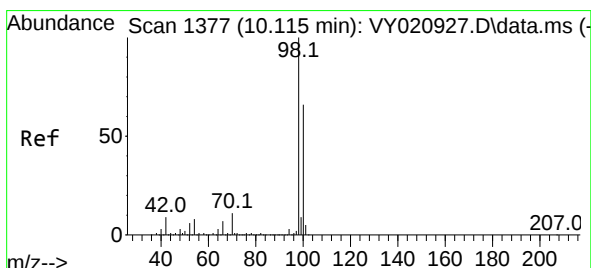
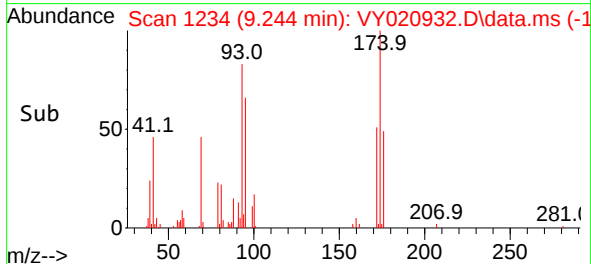
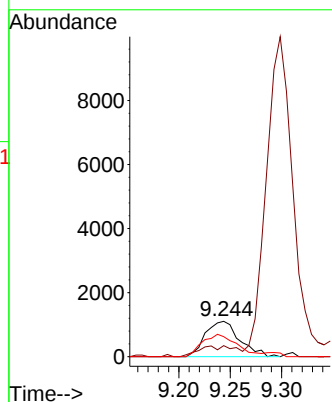
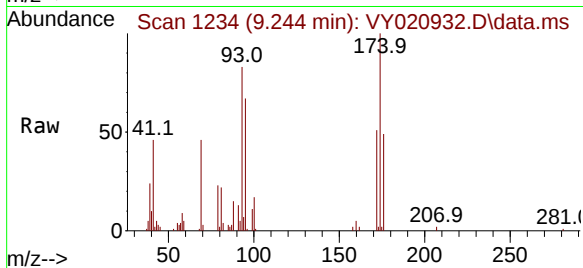
Tgt Ion: 88 Resp: 2560

Ion Ratio Lower Upper

88 100

43 0.0 23.1 34.7#

58 63.9 49.0 73.6



#50

Toluene-d8

Concen: 10.192 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020932.D

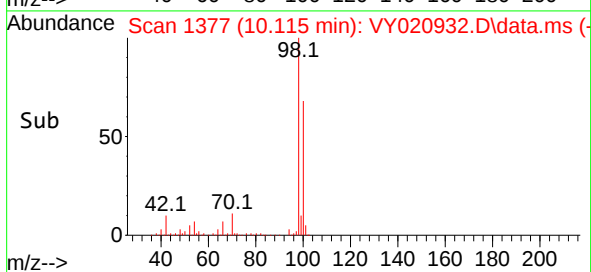
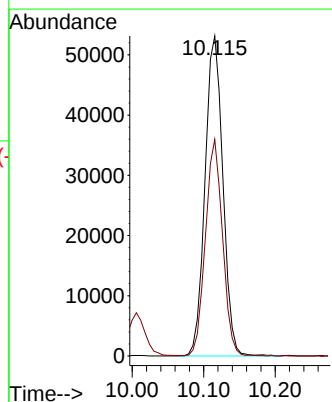
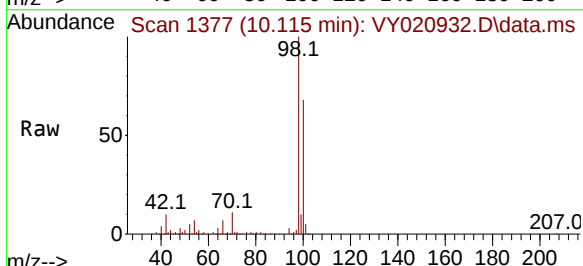
Acq: 24 Jan 2025 15:59

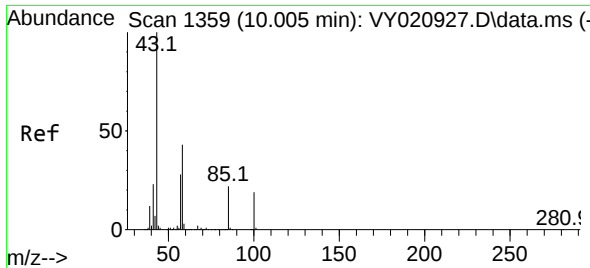
Tgt Ion: 98 Resp: 92057

Ion Ratio Lower Upper

98 100

100 65.1 52.3 78.5

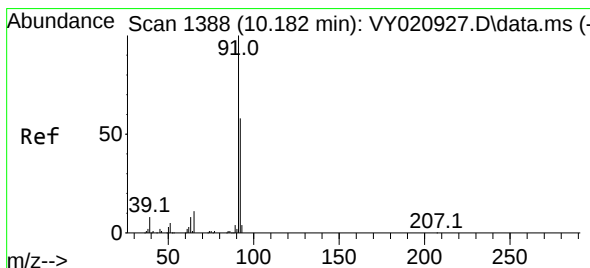
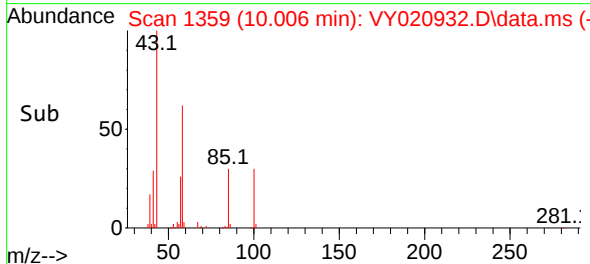
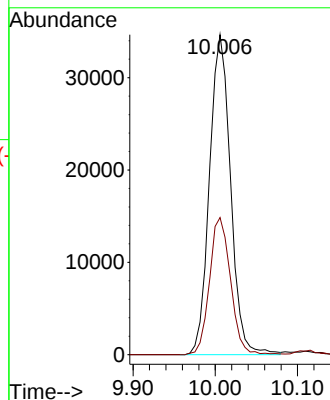
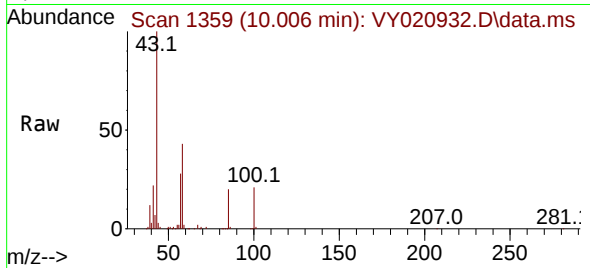




#51
4-Methyl-2-Pentanone
Concen: 51.273 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

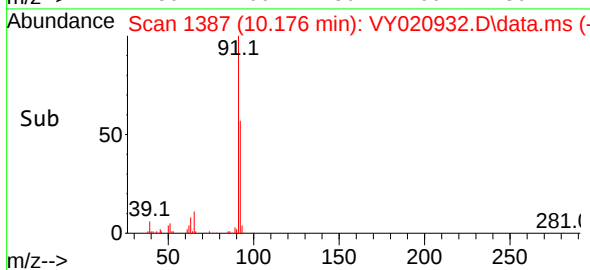
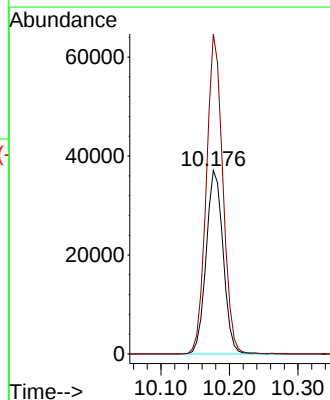
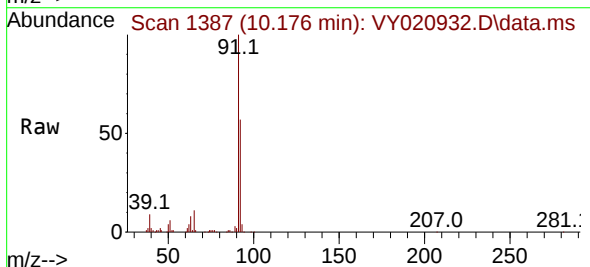
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

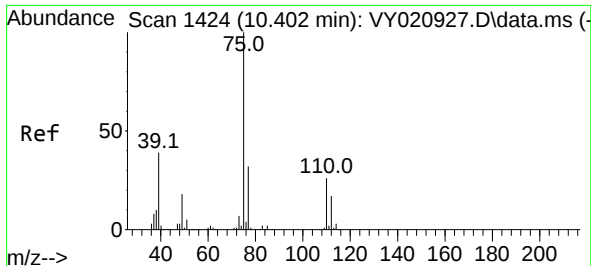
Tgt Ion: 43 Resp: 61838
Ion Ratio Lower Upper
43 100
58 42.8 33.7 50.5



#52
Toluene
Concen: 10.395 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 92 Resp: 63762
Ion Ratio Lower Upper
92 100
91 169.8 137.3 205.9

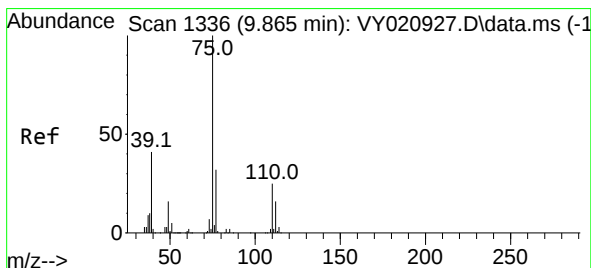
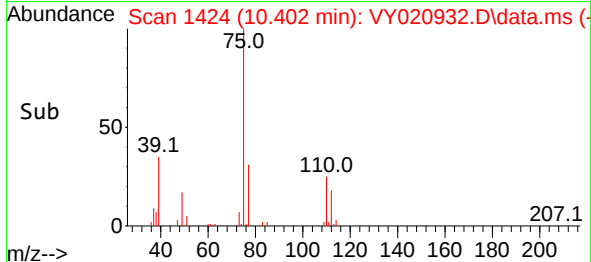
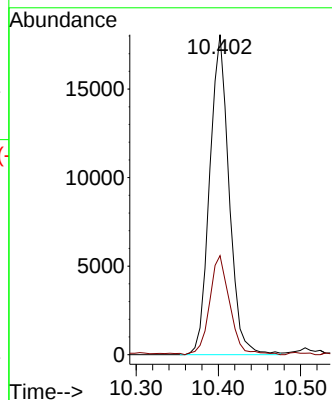
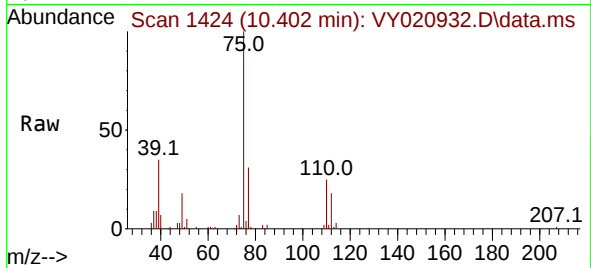




#53
t-1,3-Dichloropropene
Concen: 10.141 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

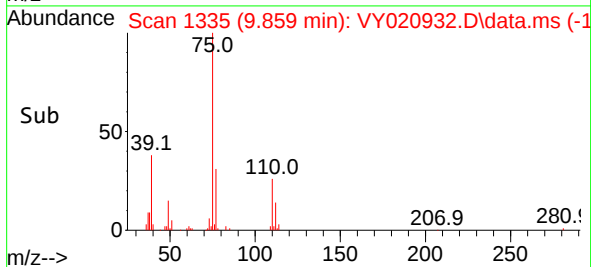
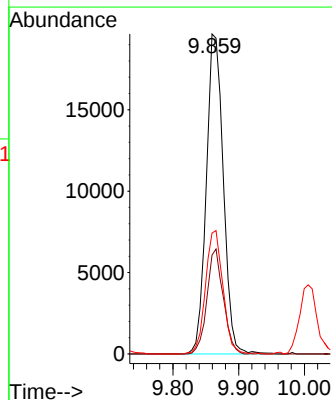
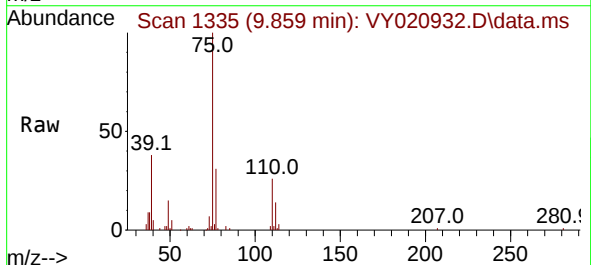
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

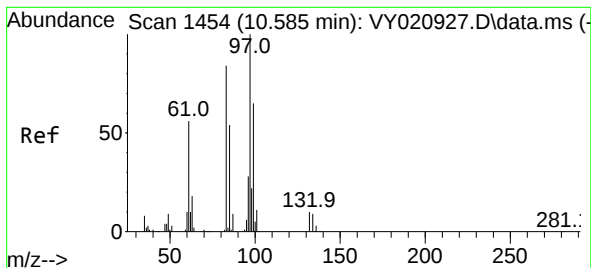
Tgt Ion: 75 Resp: 29612
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 10.147 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 75 Resp: 35379
Ion Ratio Lower Upper
75 100
77 30.9 25.7 38.5
39 37.8 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 10.079 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

Tgt Ion: 97 Resp: 16306

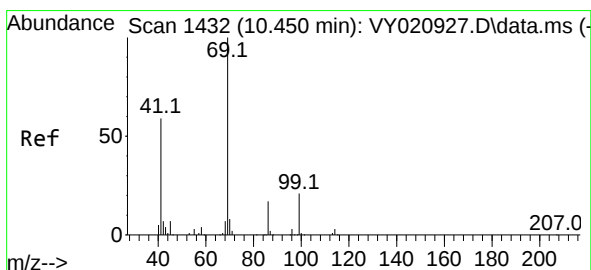
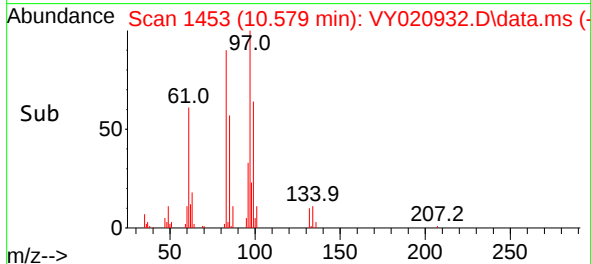
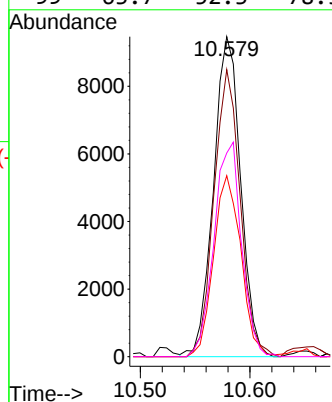
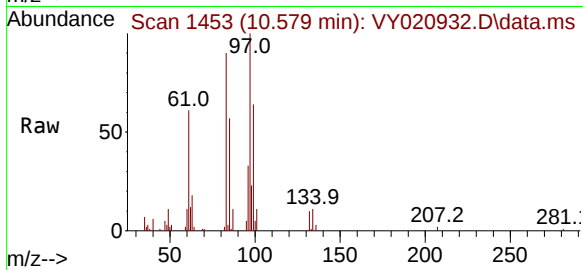
Ion Ratio Lower Upper

97 100

83 89.7 67.0 100.6

85 56.6 43.1 64.7

99 63.7 52.3 78.5



#56

Ethyl methacrylate

Concen: 9.607 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

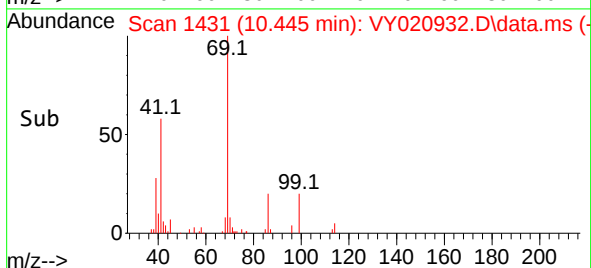
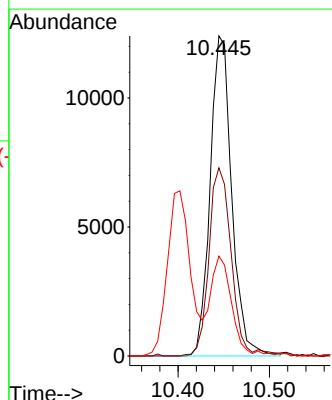
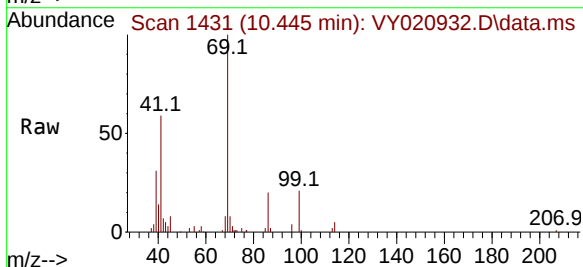
Tgt Ion: 69 Resp: 20369

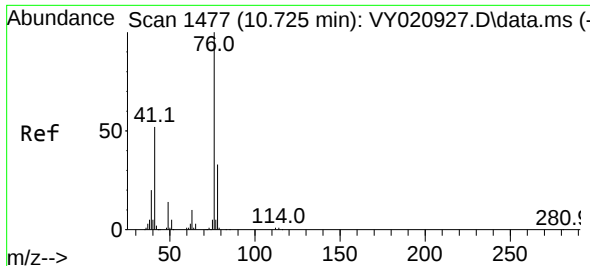
Ion Ratio Lower Upper

69 100

41 61.1 46.6 70.0

39 29.9 23.9 35.9





#57

1,3-Dichloropropane

Concen: 10.365 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

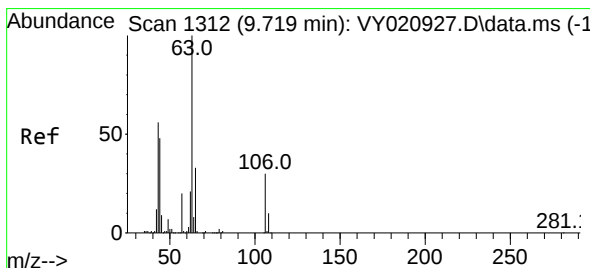
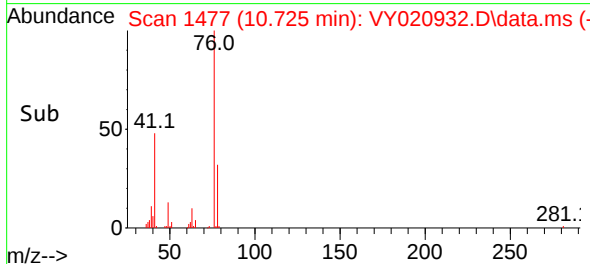
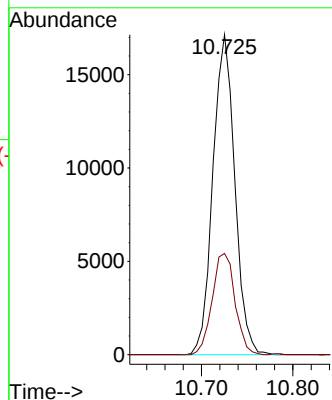
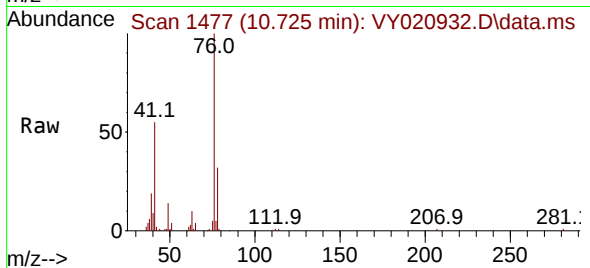
VSTDIC010

Tgt Ion: 76 Resp: 28488

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 50.327 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020932.D

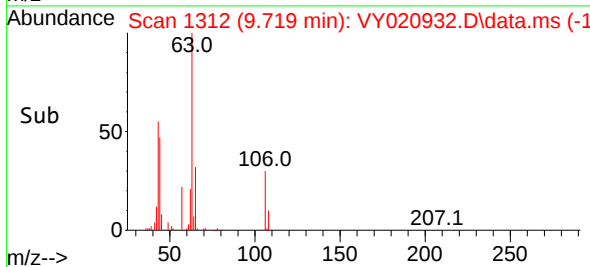
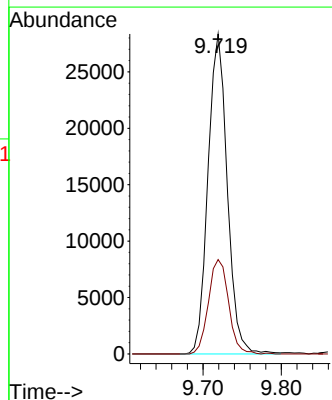
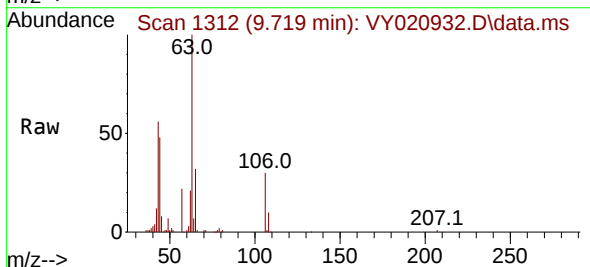
Acq: 24 Jan 2025 15:59

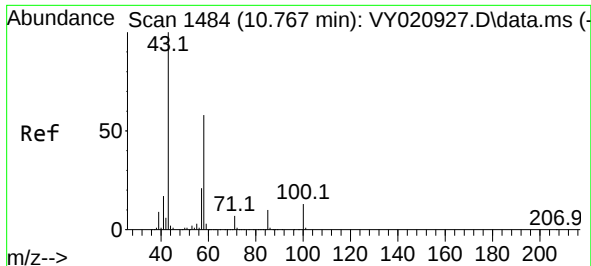
Tgt Ion: 63 Resp: 48432

Ion Ratio Lower Upper

63 100

106 30.7 24.7 37.1

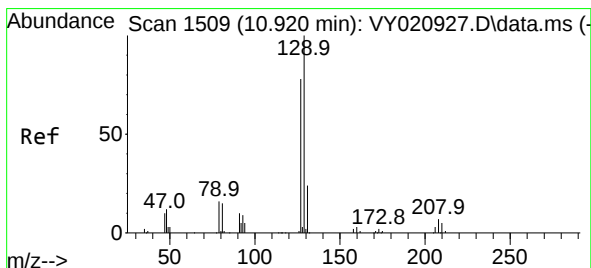
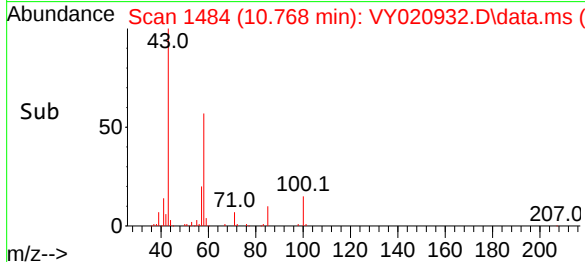
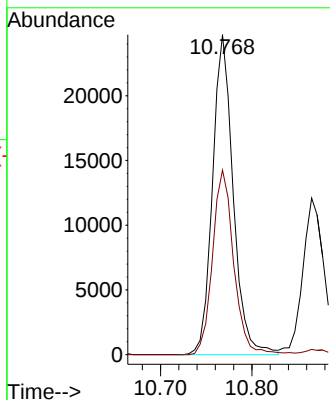
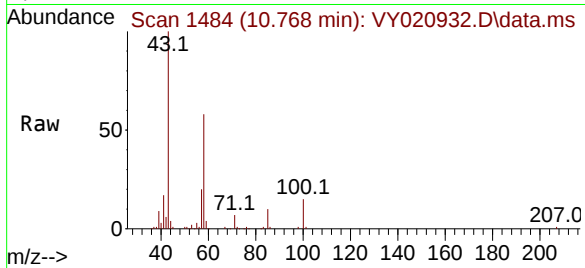




#59
2-Hexanone
Concen: 50.045 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

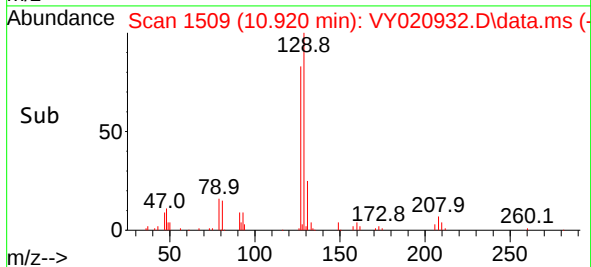
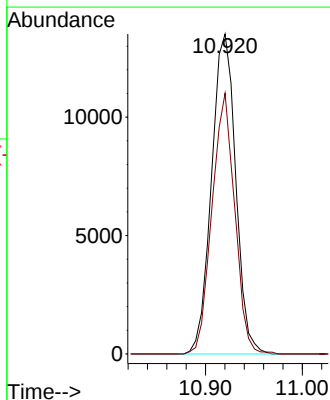
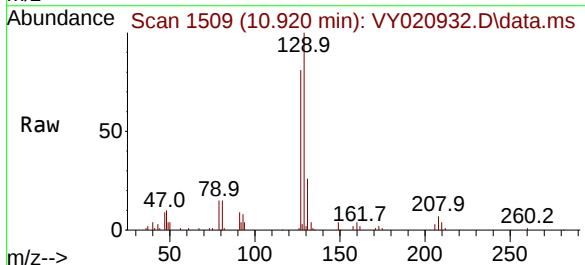
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

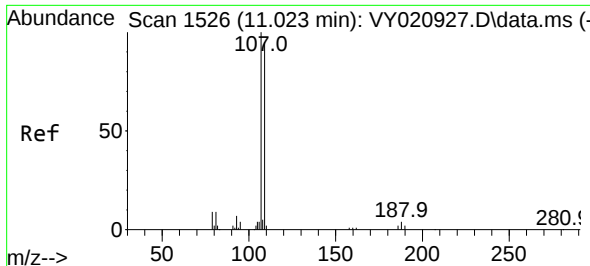
Tgt Ion: 43 Resp: 38811
Ion Ratio Lower Upper
43 100
58 59.1 29.9 89.8



#60
Dibromochloromethane
Concen: 10.290 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 129 Resp: 23430
Ion Ratio Lower Upper
129 100
127 76.8 39.2 117.6

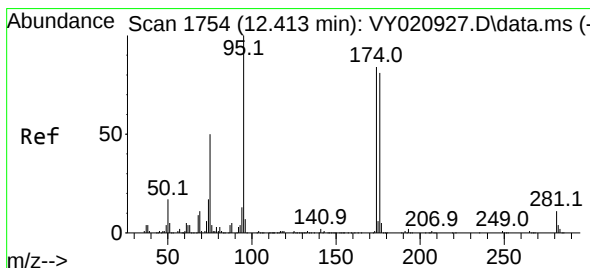
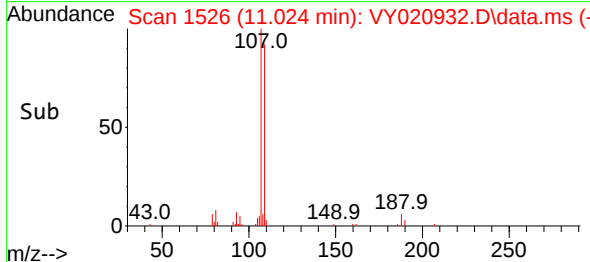
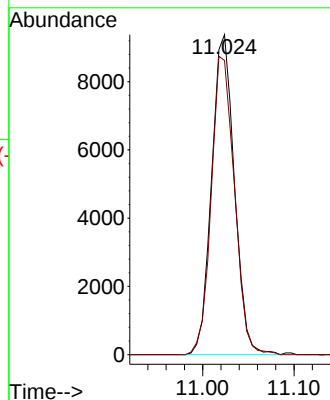
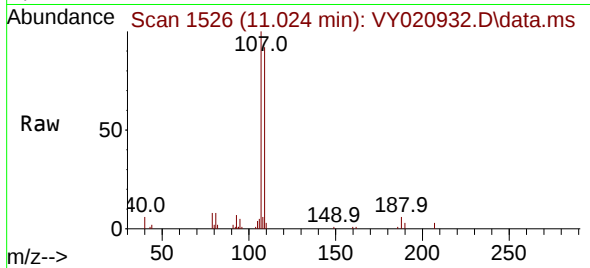




#61
1,2-Dibromoethane
Concen: 10.501 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

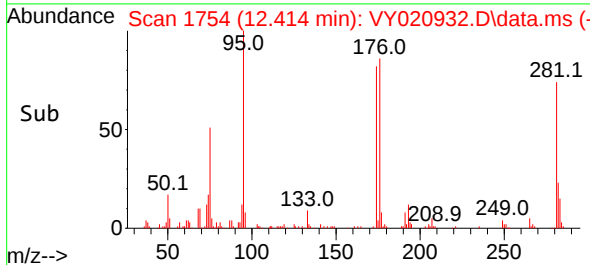
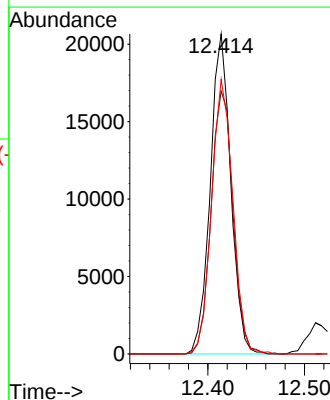
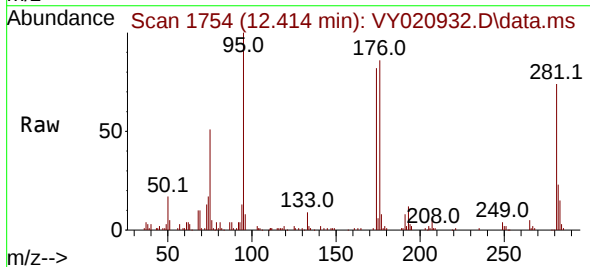
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

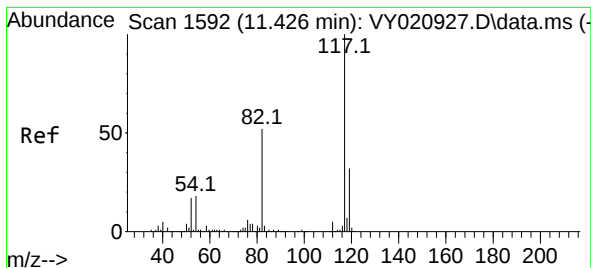
Tgt Ion:107 Resp: 16250
Ion Ratio Lower Upper
107 100
109 94.7 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 10.132 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 95 Resp: 30456
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.4
176 89.1 0.0 172.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

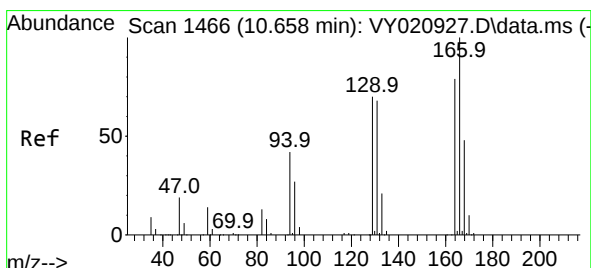
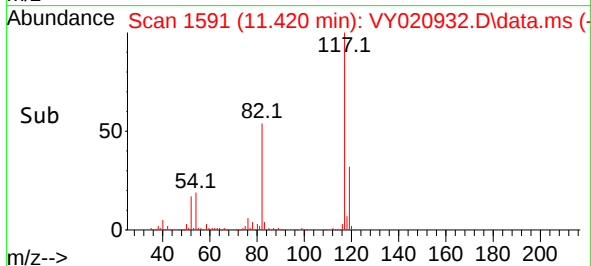
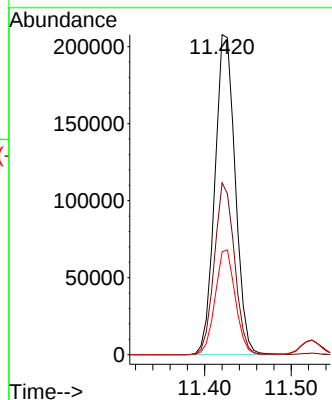
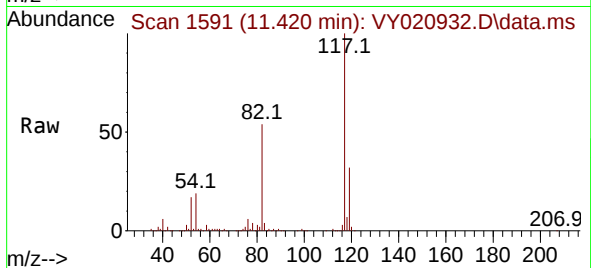
Tgt Ion:117 Resp: 339423

Ion Ratio Lower Upper

117 100

82 53.7 41.8 62.8

119 32.2 26.0 39.0



#64

Tetrachloroethene

Concen: 10.370 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Tgt Ion:164 Resp: 24496

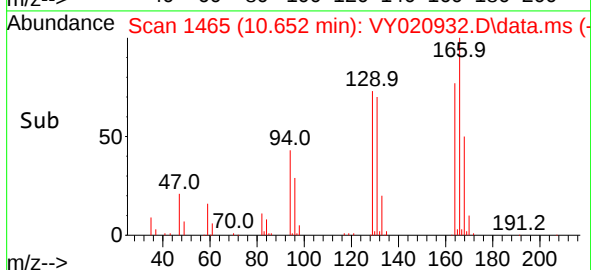
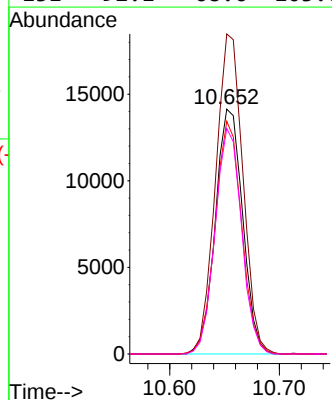
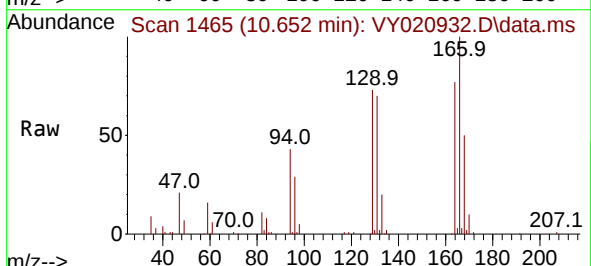
Ion Ratio Lower Upper

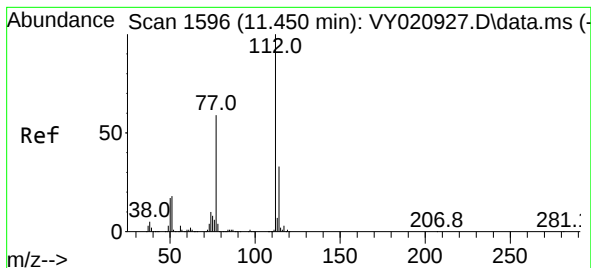
164 100

166 130.7 101.0 151.6

129 95.0 70.8 106.2

131 92.1 68.6 103.0





#65

Chlorobenzene

Concen: 10.419 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

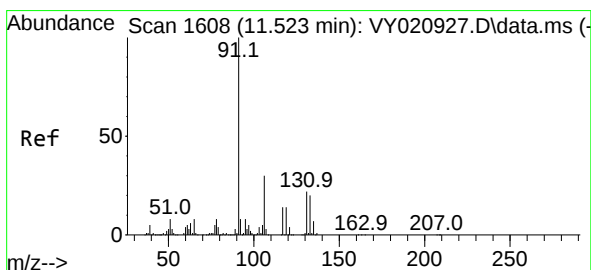
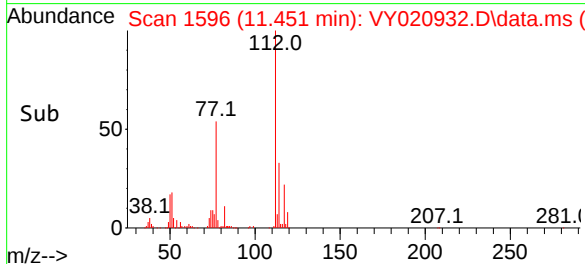
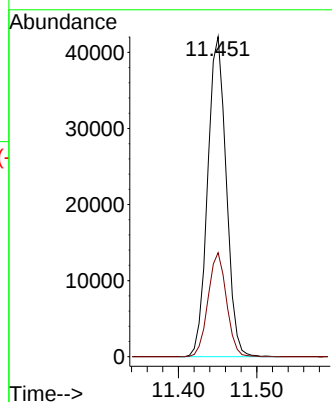
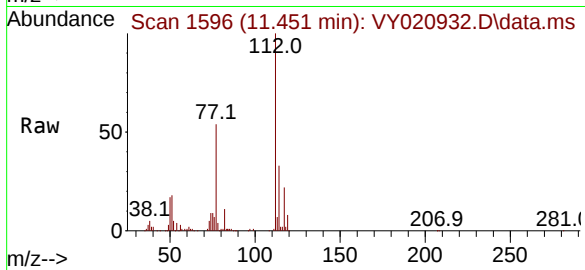
VSTDIC010

Tgt Ion:112 Resp: 69158

Ion Ratio Lower Upper

112 100

114 32.5 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 10.437 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

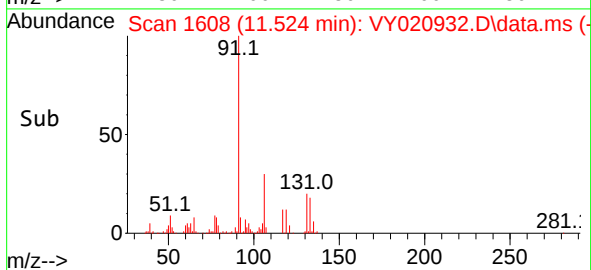
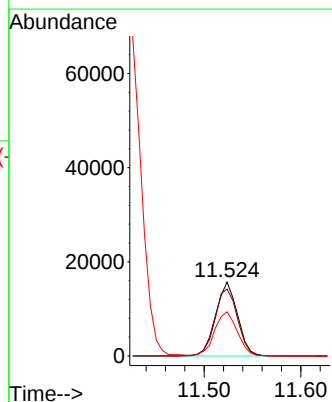
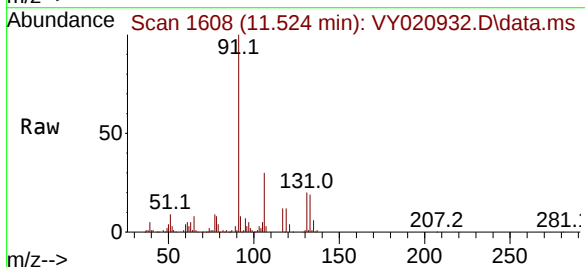
Tgt Ion:131 Resp: 24617

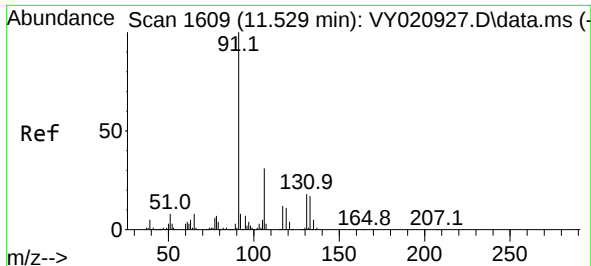
Ion Ratio Lower Upper

131 100

133 94.1 47.5 142.6

119 62.3 31.2 93.6





#67

Ethyl Benzene

Concen: 10.328 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

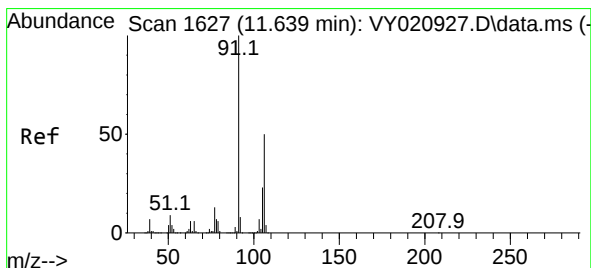
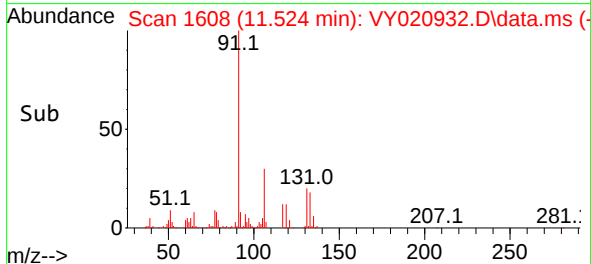
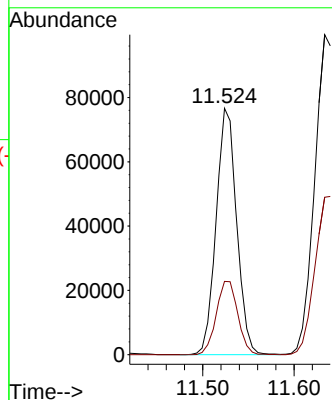
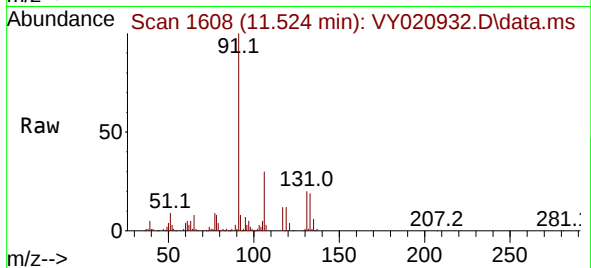
VSTDIC010

Tgt Ion: 91 Resp: 119619

Ion Ratio Lower Upper

91 100

106 29.7 25.2 37.8



#68

m/p-Xylenes

Concen: 20.726 ug/l

RT: 11.640 min Scan# 1627

Delta R.T. 0.000 min

Lab File: VY020932.D

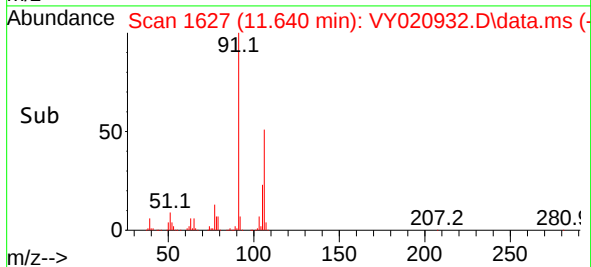
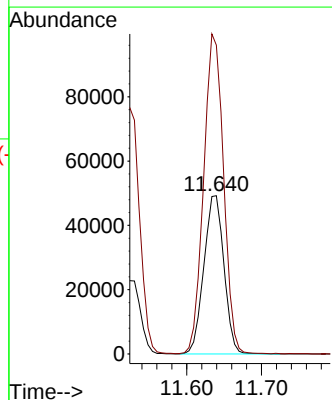
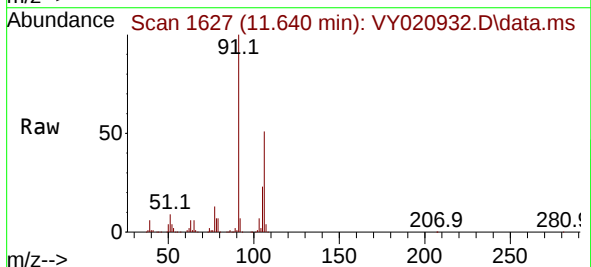
Acq: 24 Jan 2025 15:59

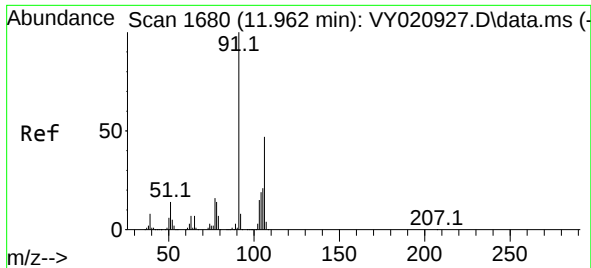
Tgt Ion:106 Resp: 91917

Ion Ratio Lower Upper

106 100

91 200.1 159.5 239.3

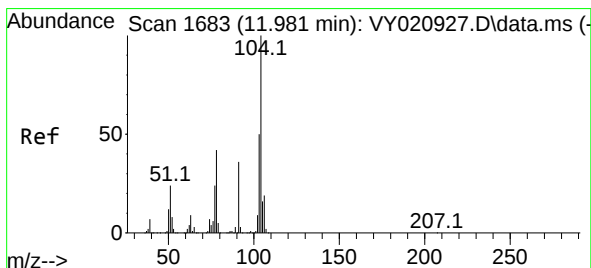
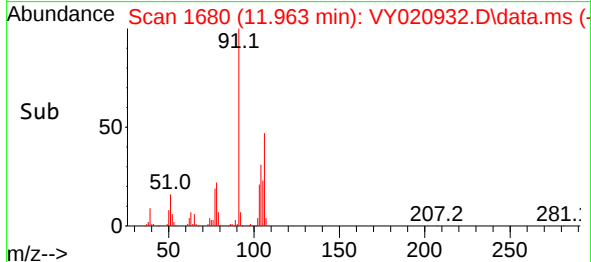
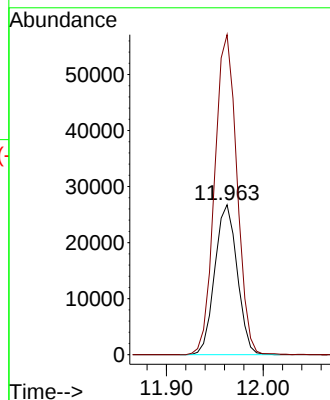
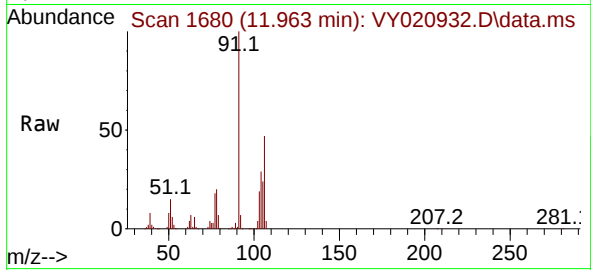




#69
o-Xylene
Concen: 10.392 ug/l
RT: 11.963 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

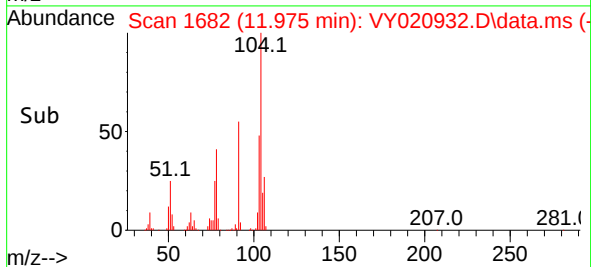
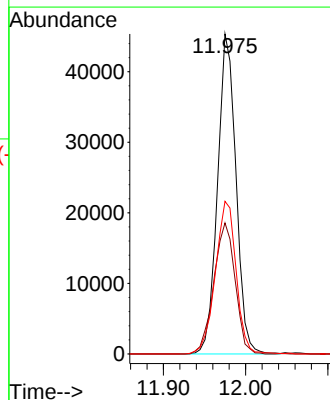
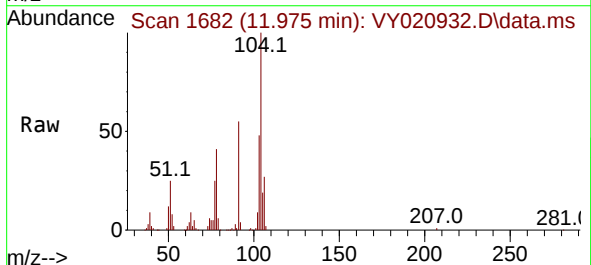
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

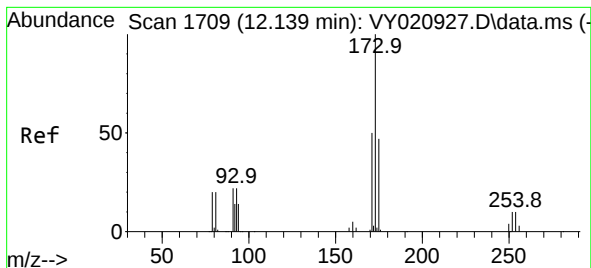
Tgt Ion:106 Resp: 43049
Ion Ratio Lower Upper
106 100
91 212.2 105.3 315.9



#70
Styrene
Concen: 10.429 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion:104 Resp: 70805
Ion Ratio Lower Upper
104 100
78 47.3 38.5 57.7
103 53.7 43.4 65.2





#71

Bromoform

Concen: 10.294 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

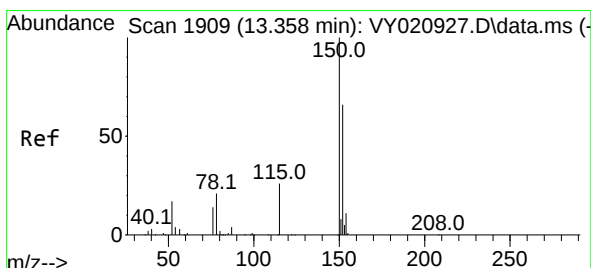
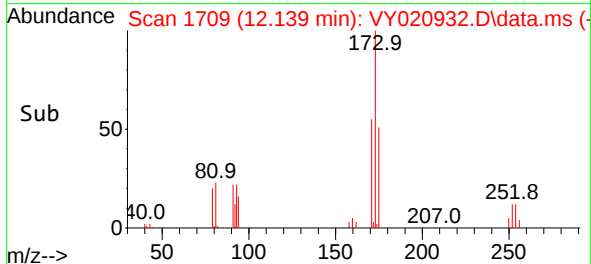
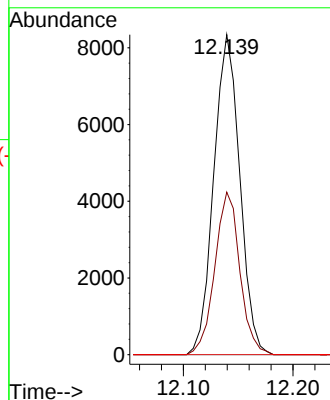
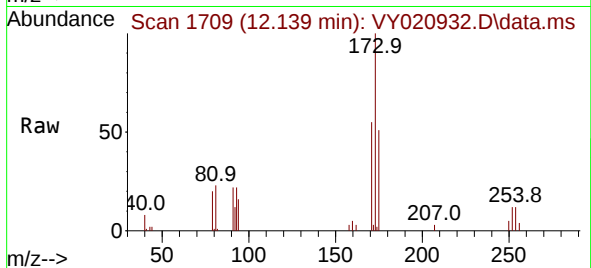
Tgt Ion:173 Resp: 13749

Ion Ratio Lower Upper

173 100

175 49.0 24.3 73.0

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

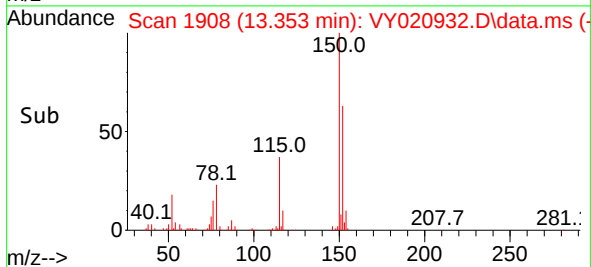
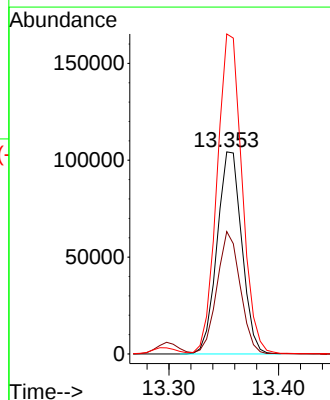
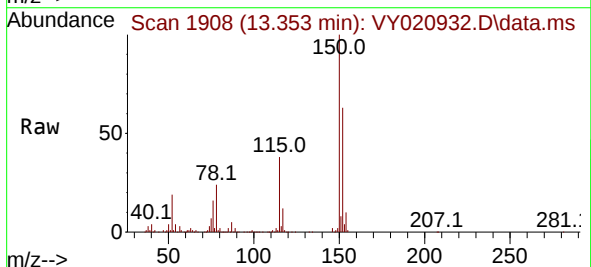
Tgt Ion:152 Resp: 163193

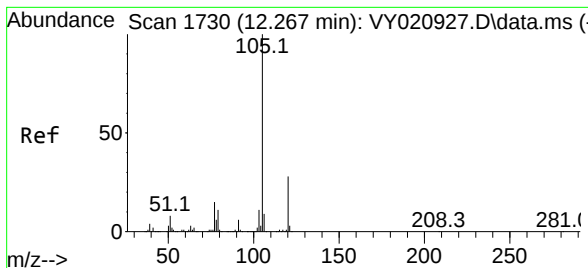
Ion Ratio Lower Upper

152 100

115 57.4 29.0 87.0

150 160.6 0.0 347.6





#73

Isopropylbenzene

Concen: 10.151 ug/l

RT: 12.261 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

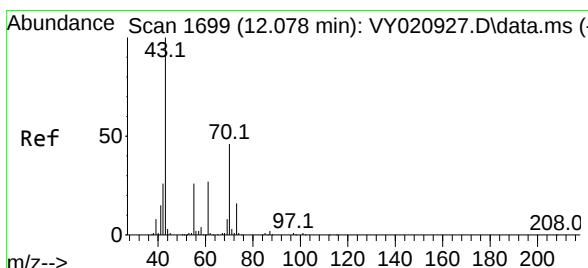
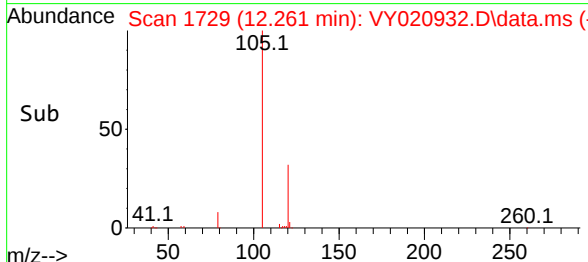
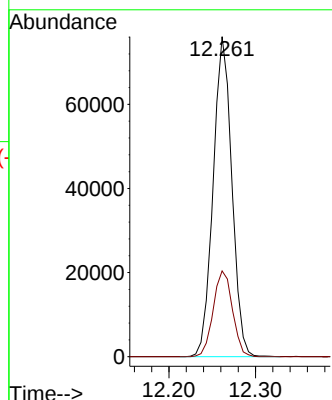
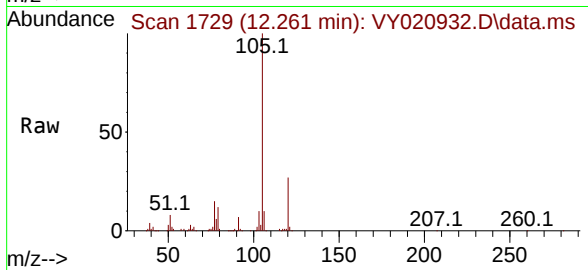
VSTDIC010

Tgt Ion:105 Resp: 114092

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 9.674 ug/l

RT: 12.079 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Tgt Ion: 43 Resp: 19347

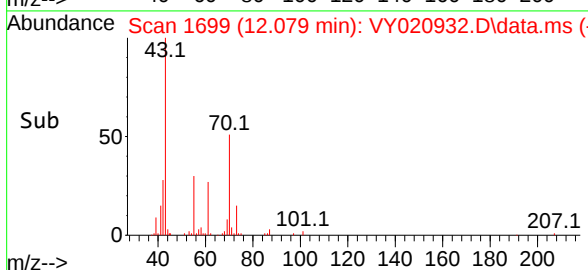
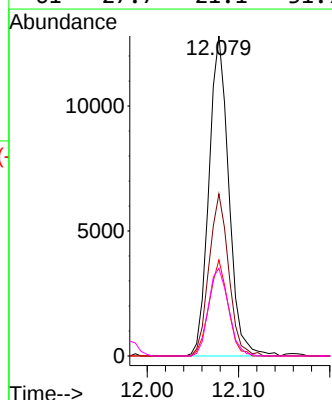
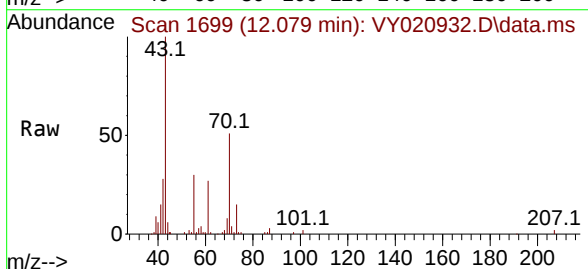
Ion Ratio Lower Upper

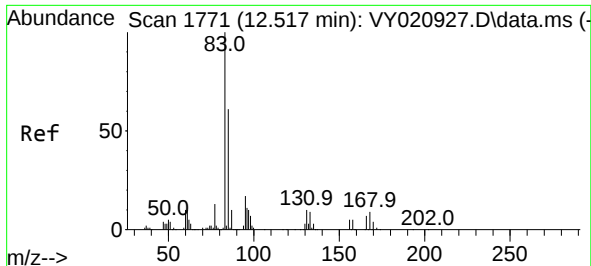
43 100

70 50.1 38.7 58.1

55 28.3 21.6 32.4

61 27.7 21.1 31.7

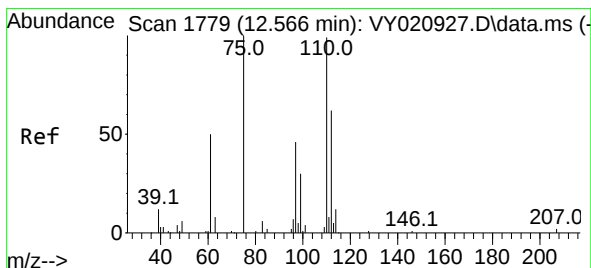
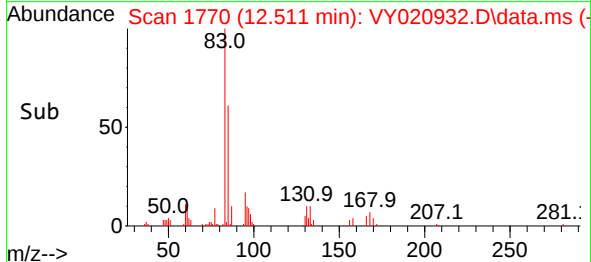
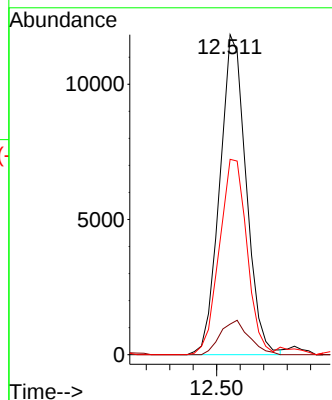
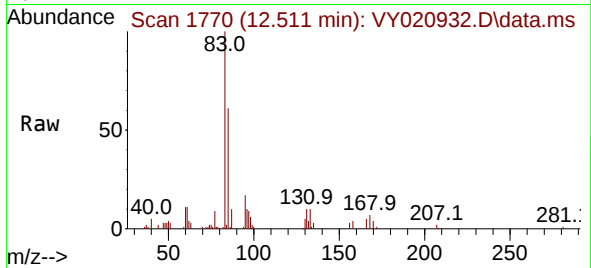




#75
1,1,2-Tetrachloroethane
Concen: 10.568 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

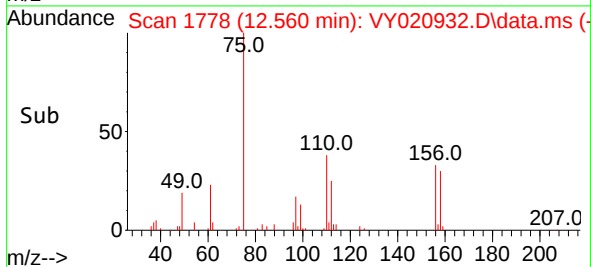
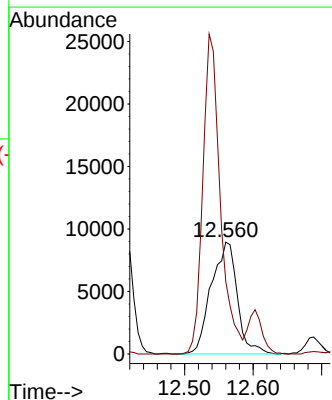
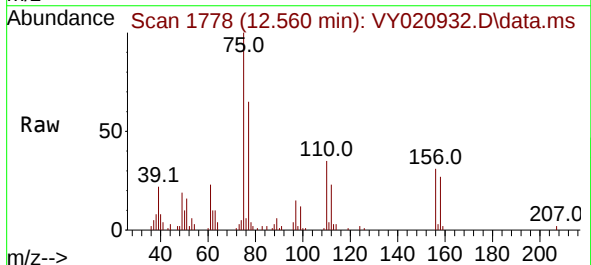
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC010

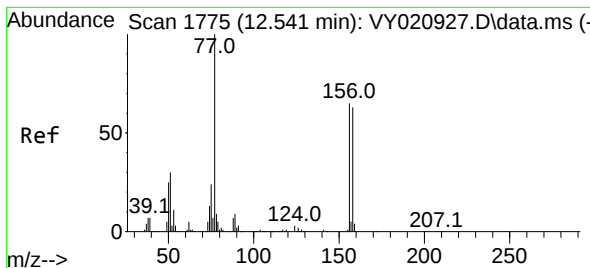
Tgt Ion: 83 Resp: 18481
Ion Ratio Lower Upper
83 100
131 11.7 5.5 16.7
85 63.8 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 20.373 ug/l
RT: 12.560 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 75 Resp: 23507
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 10.383 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

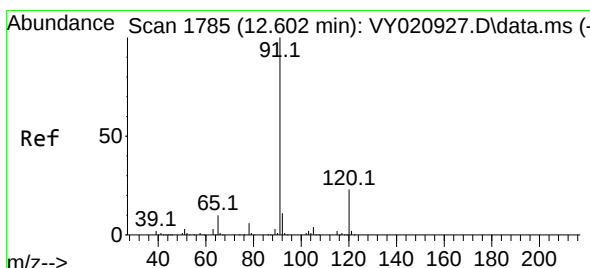
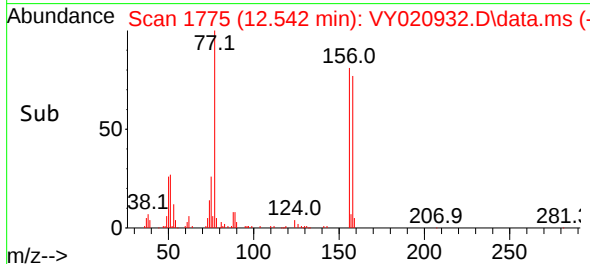
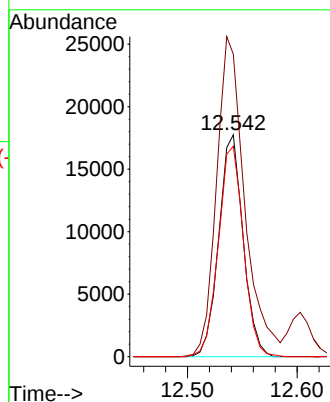
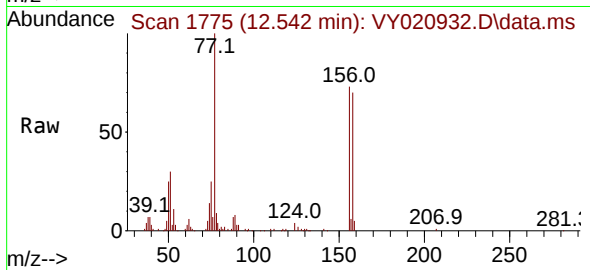
Tgt Ion:156 Resp: 27354

Ion Ratio Lower Upper

156 100

77 166.9 84.4 253.1

158 97.8 48.9 146.6



#78

n-propylbenzene

Concen: 10.273 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020932.D

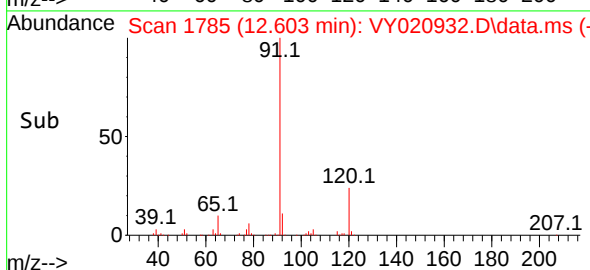
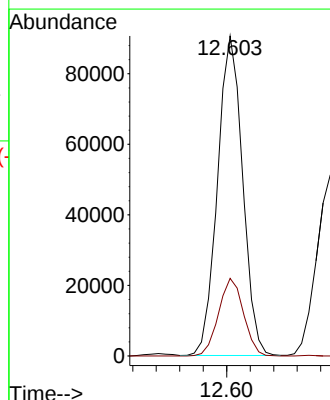
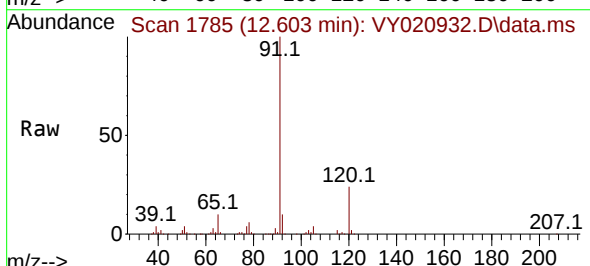
Acq: 24 Jan 2025 15:59

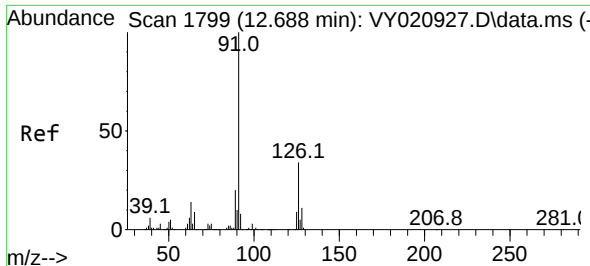
Tgt Ion: 91 Resp: 134496

Ion Ratio Lower Upper

91 100

120 24.1 11.8 35.4

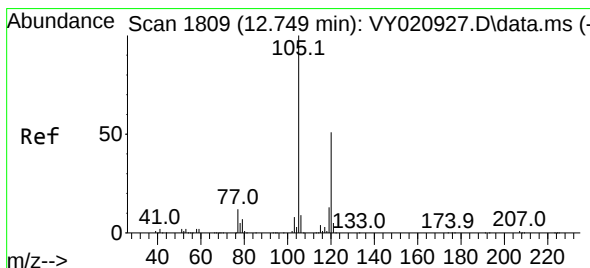
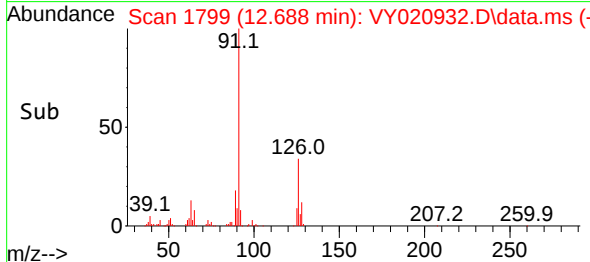
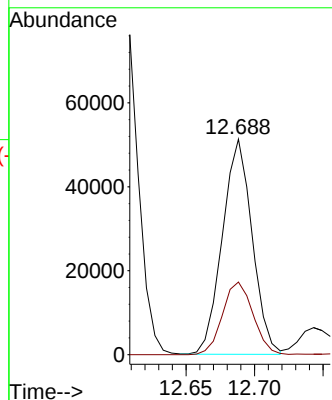
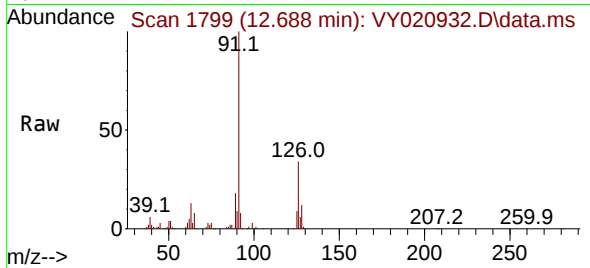




#79
2-Chlorotoluene
Concen: 10.446 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

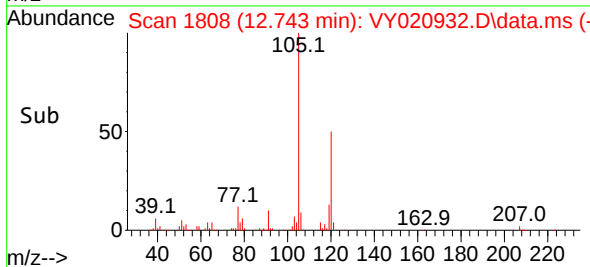
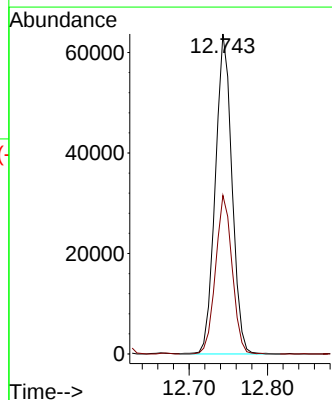
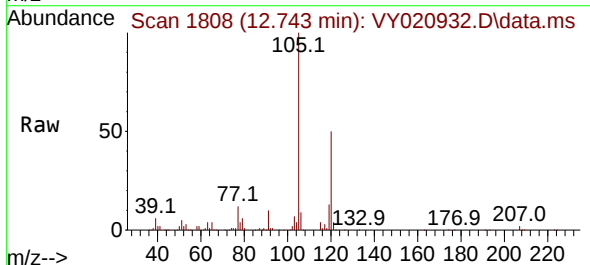
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

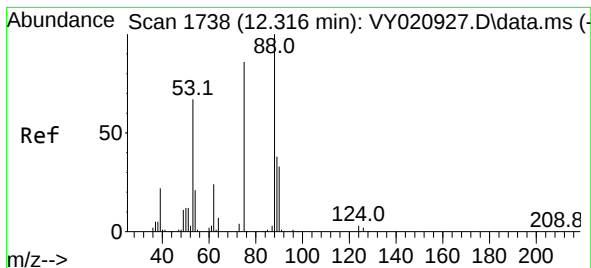
Tgt Ion: 91 Resp: 77569
Ion Ratio Lower Upper
91 100
126 34.8 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 10.412 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 105 Resp: 94030
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.6

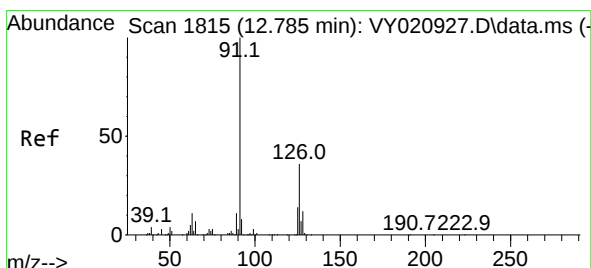
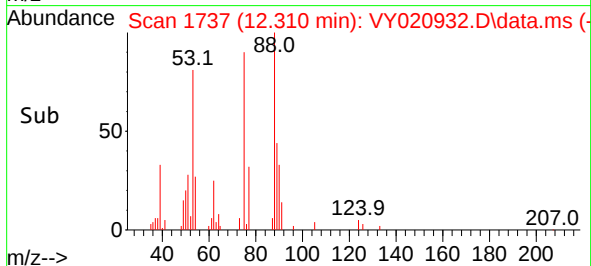
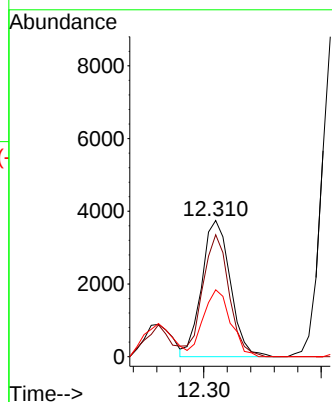
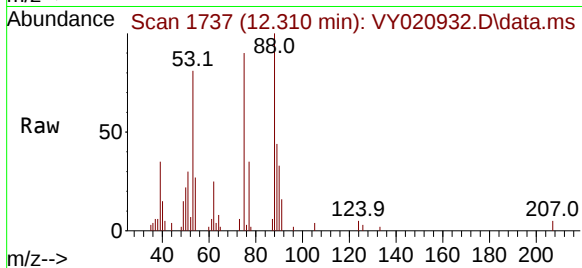




#81
trans-1,4-Dichloro-2-butene
Concen: 10.577 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.006 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

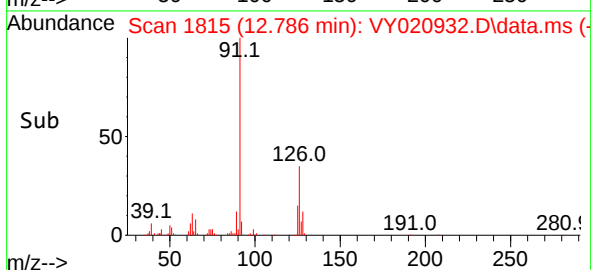
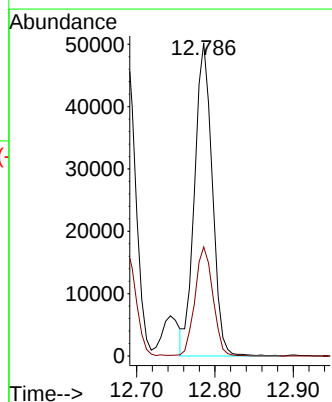
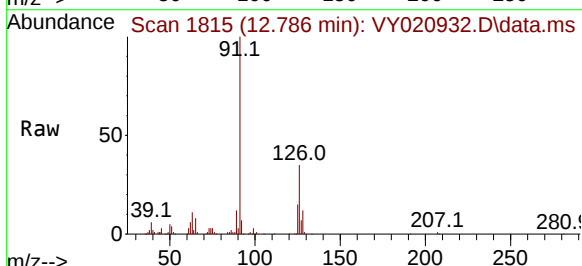
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

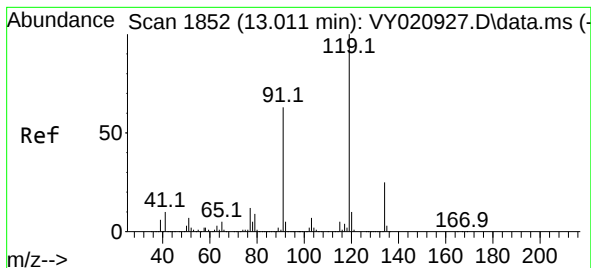
Tgt Ion: 75 Resp: 6317
Ion Ratio Lower Upper
75 100
53 83.3 67.7 101.5
89 47.1 38.4 57.6



#82
4-Chlorotoluene
Concen: 10.401 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 91 Resp: 78866
Ion Ratio Lower Upper
91 100
126 35.4 17.4 52.3





#83

tert-Butylbenzene

Concen: 10.198 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

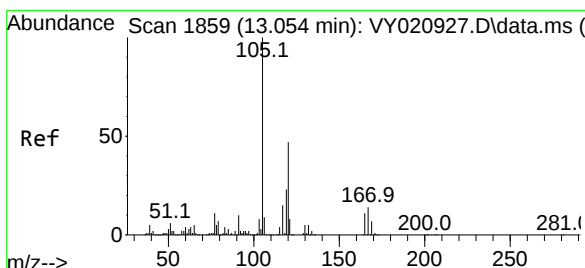
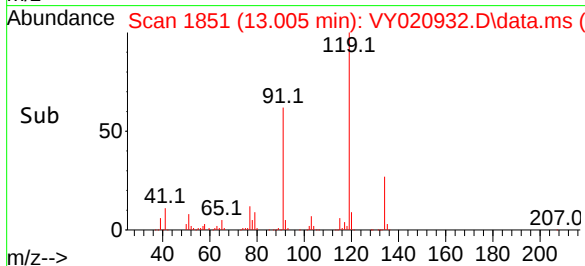
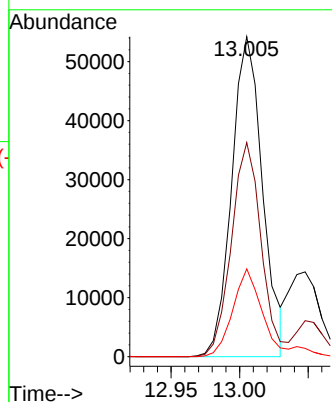
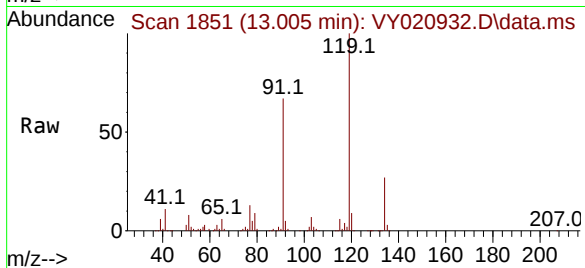
Tgt Ion:119 Resp: 84952

Ion Ratio Lower Upper

119 100

91 65.1 30.9 92.8

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 10.392 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020932.D

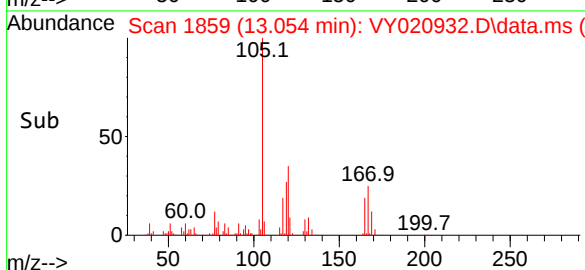
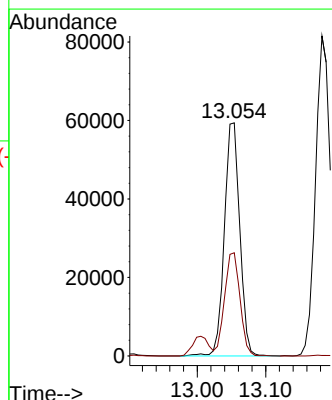
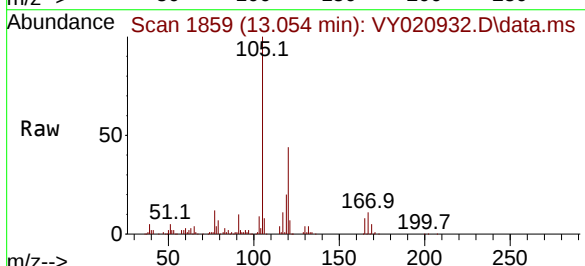
Acq: 24 Jan 2025 15:59

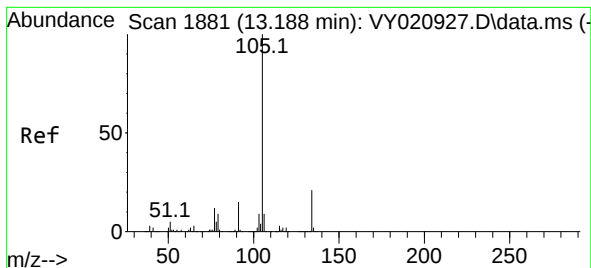
Tgt Ion:105 Resp: 92390

Ion Ratio Lower Upper

105 100

120 44.4 22.9 68.7





#85

sec-Butylbenzene

Concen: 10.376 ug/l

RT: 13.182 min Scan# 1881

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

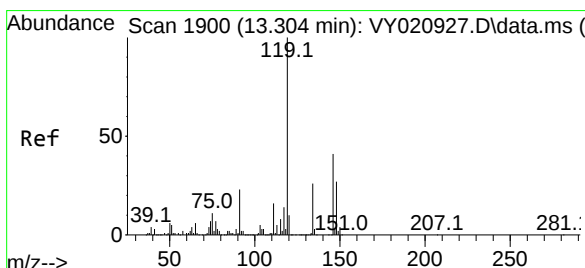
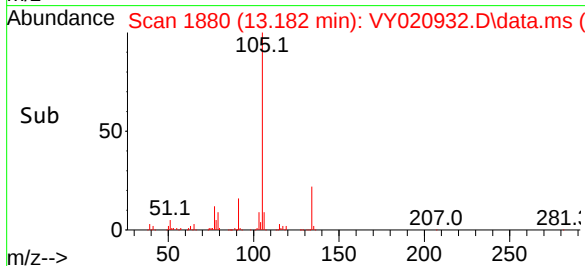
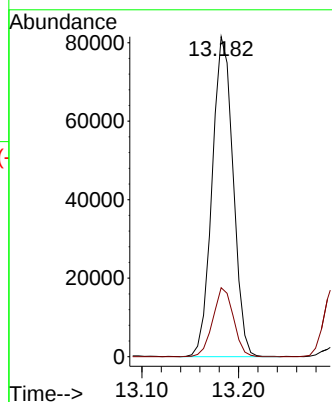
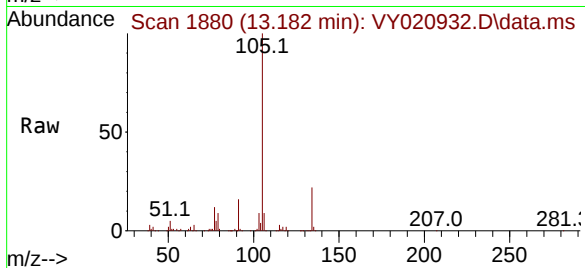
VSTDIC010

Tgt Ion:105 Resp: 123235

Ion Ratio Lower Upper

105 100

134 21.1 10.4 31.4



#86

p-Isopropyltoluene

Concen: 10.297 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. -0.006 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

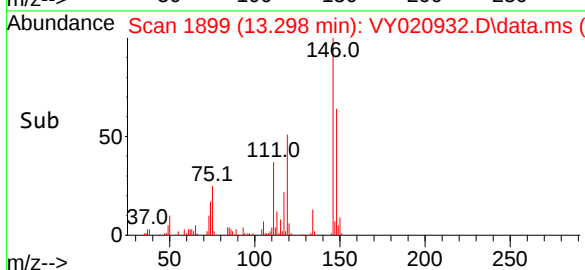
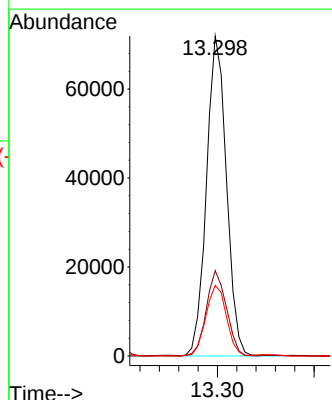
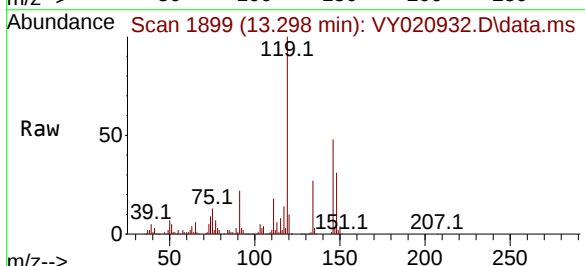
Tgt Ion:119 Resp: 103320

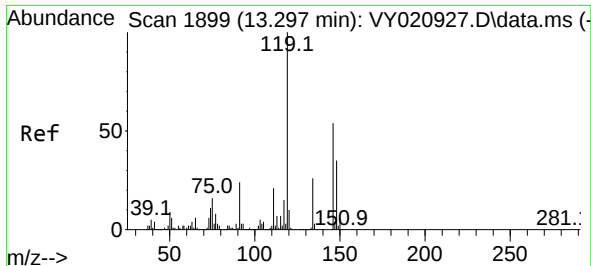
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.8 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 10.599 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

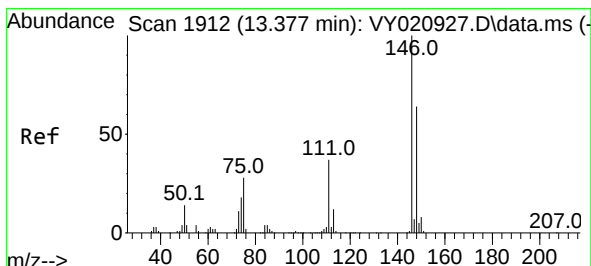
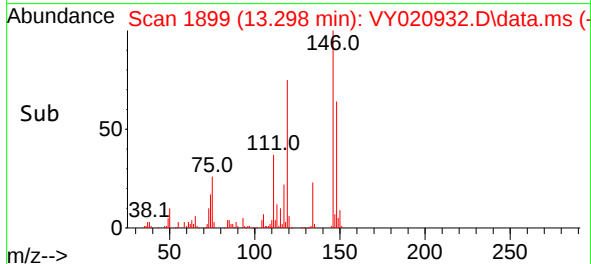
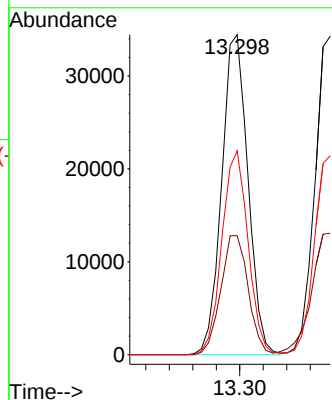
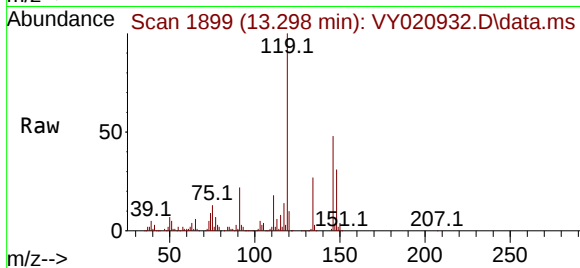
Tgt Ion:146 Resp: 53471

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

148 63.5 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 10.550 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

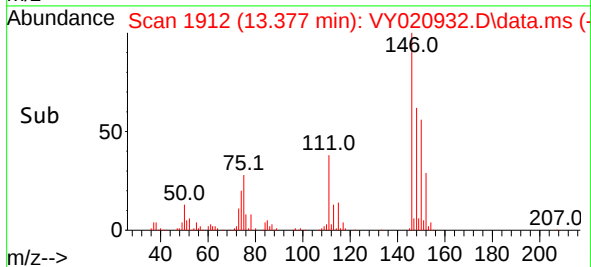
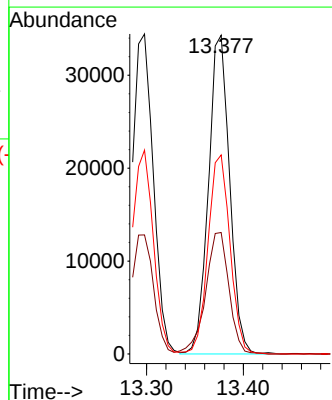
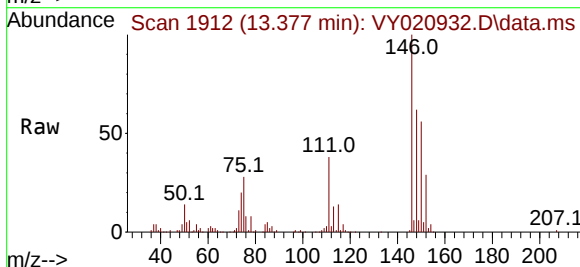
Tgt Ion:146 Resp: 52287

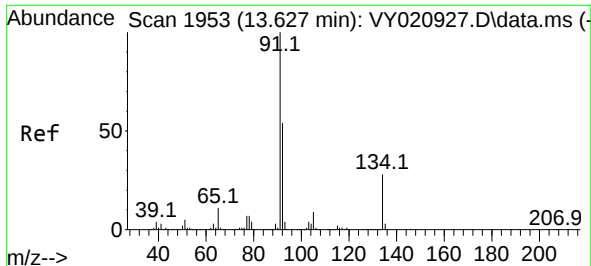
Ion Ratio Lower Upper

146 100

111 42.1 18.8 56.4

148 64.8 32.0 96.0

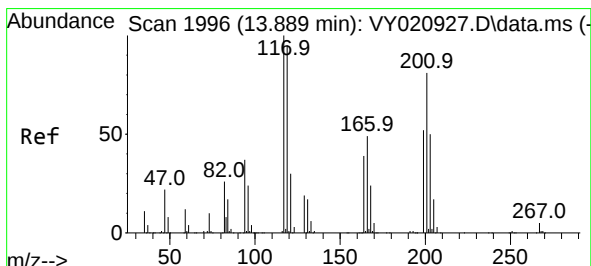
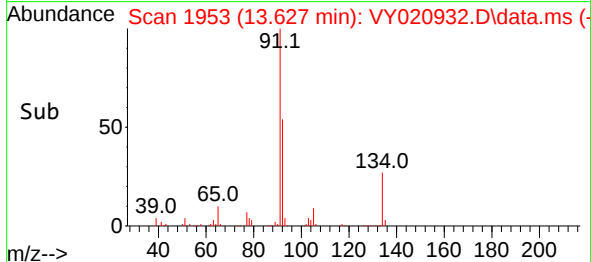
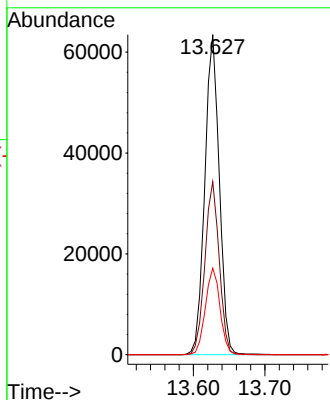
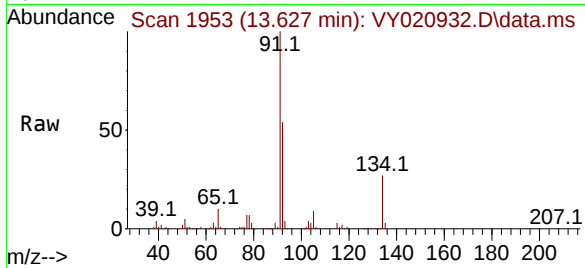




#89
n-Butylbenzene
Concen: 10.099 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

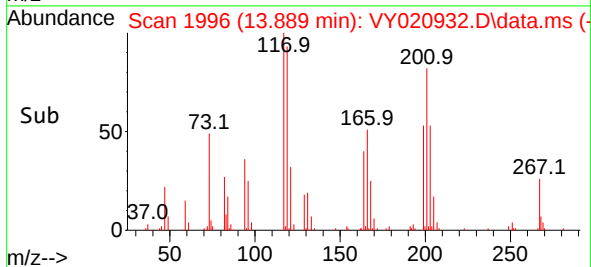
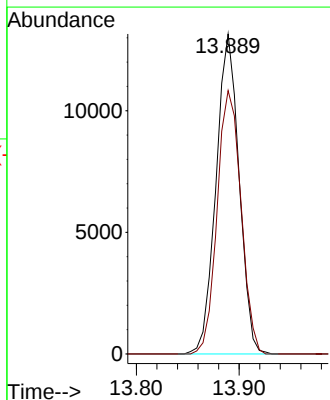
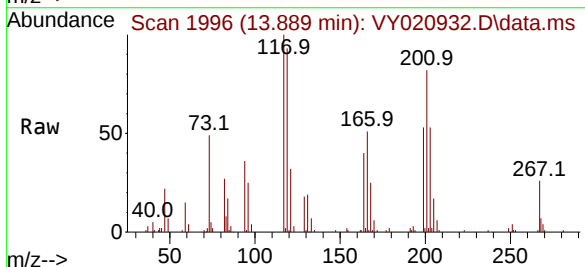
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

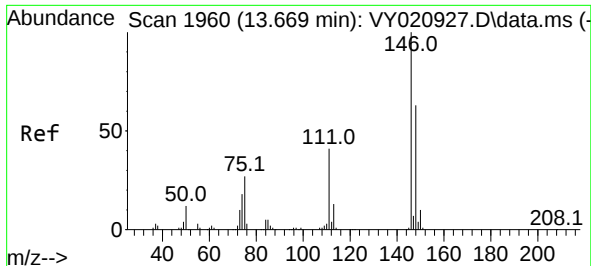
Tgt Ion: 91	Resp:	89379
Ion Ratio	Lower	Upper
91	100	
92	53.5	26.8 80.3
134	27.2	13.8 41.4



#90
Hexachloroethane
Concen: 10.250 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 117	Resp:	20431
Ion Ratio	Lower	Upper
117	100	
201	85.1	42.7 128.1

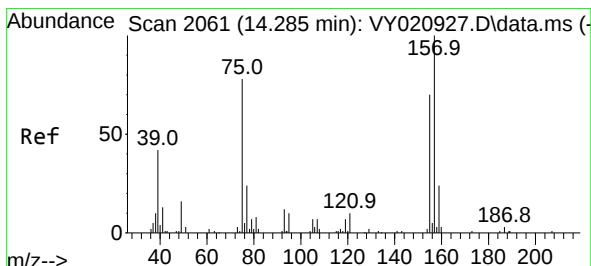
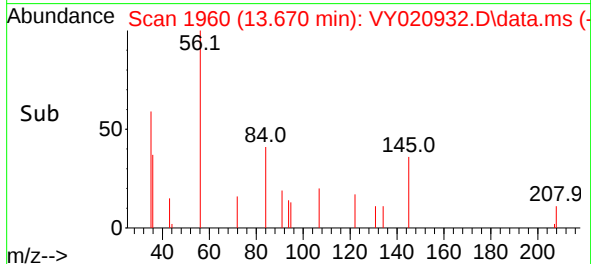
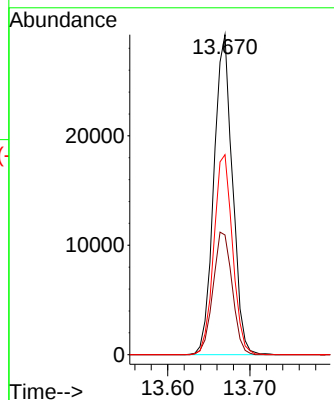
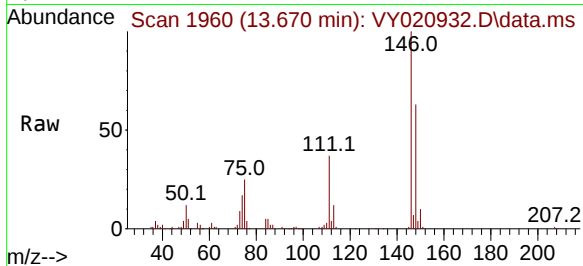




#91
1,2-Dichlorobenzene
Concen: 10.514 ug/l
RT: 13.670 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

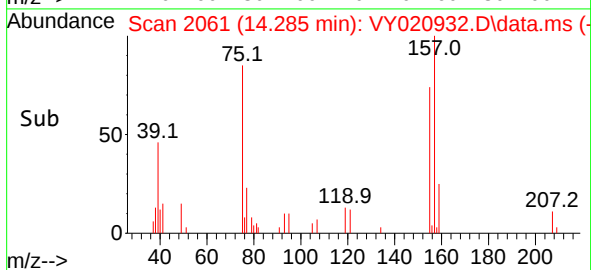
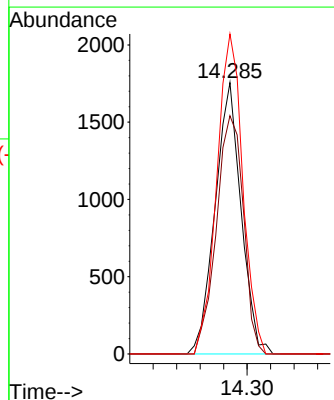
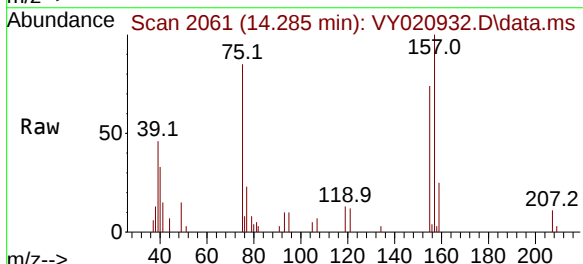
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC010

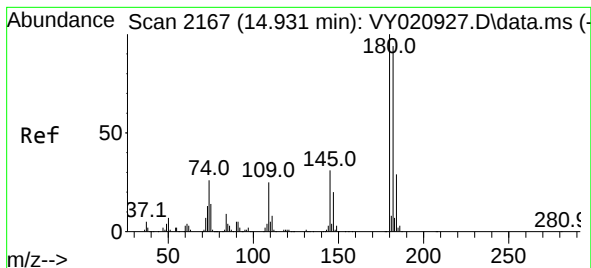
Tgt Ion:146 Resp: 45955
Ion Ratio Lower Upper
146 100
111 39.5 20.2 60.6
148 63.0 32.2 96.6



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.274 ug/l
RT: 14.285 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VY020932.D
Acq: 24 Jan 2025 15:59

Tgt Ion: 75 Resp: 2699
Ion Ratio Lower Upper
75 100
155 91.1 46.6 139.7
157 117.9 60.1 180.3





#93

1,2,4-Trichlorobenzene

Concen: 9.759 ug/l

RT: 14.932 min Scan# 2167

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

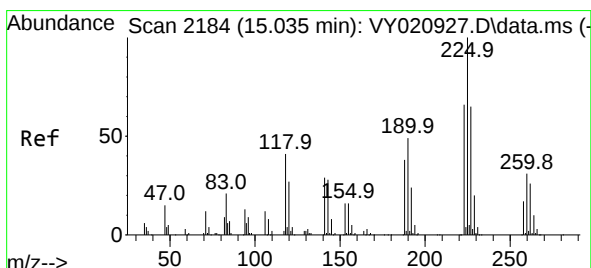
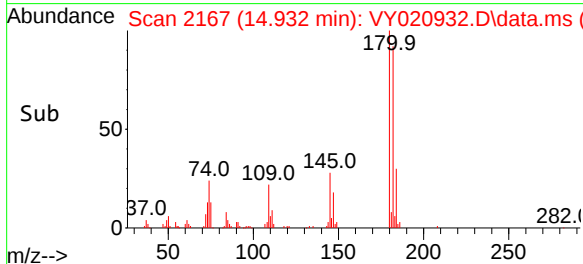
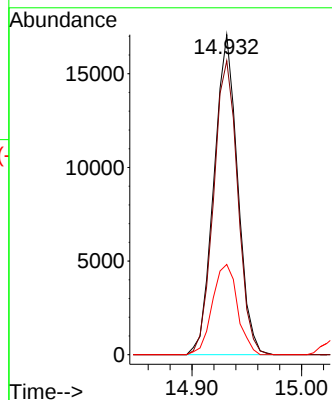
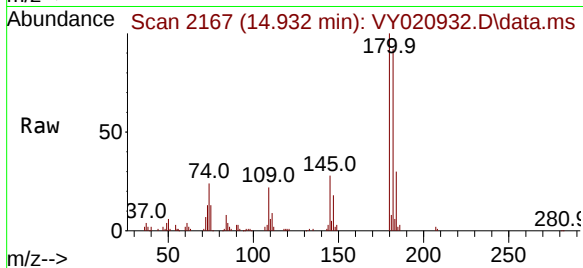
Tgt Ion:180 Resp: 25660

Ion Ratio Lower Upper

180 100

182 93.5 47.0 141.2

145 29.8 14.9 44.5



#94

Hexachlorobutadiene

Concen: 10.048 ug/l

RT: 15.035 min Scan# 2184

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

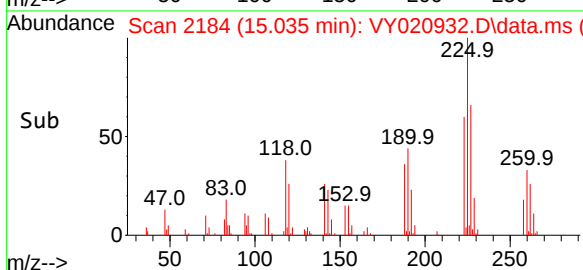
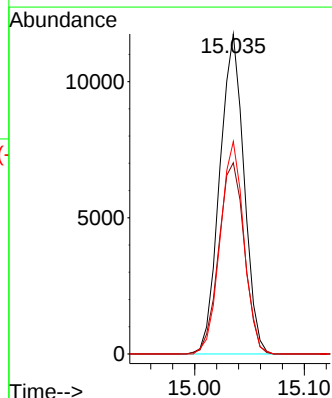
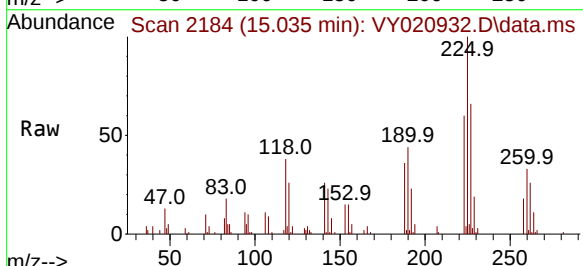
Tgt Ion:225 Resp: 18077

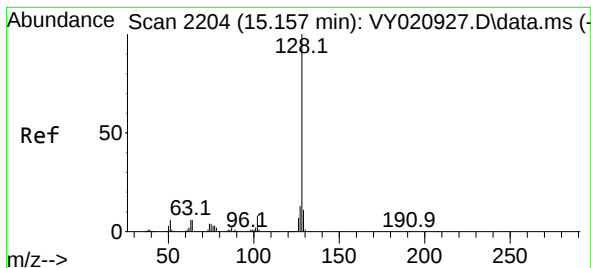
Ion Ratio Lower Upper

225 100

223 62.9 31.5 94.5

227 64.7 31.9 95.9





#95

Naphthalene

Concen: 9.150 ug/l

RT: 15.157 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC010

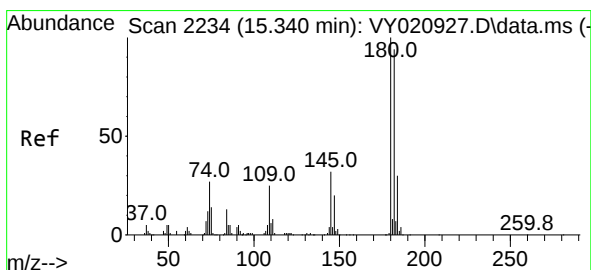
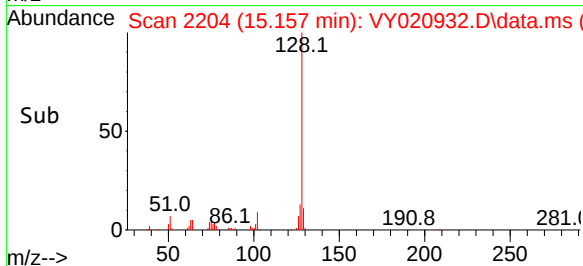
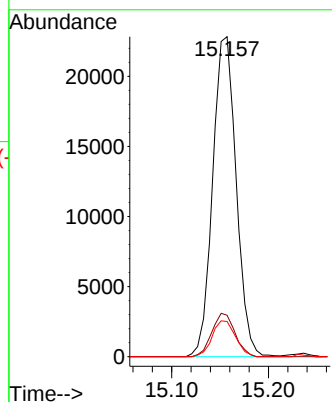
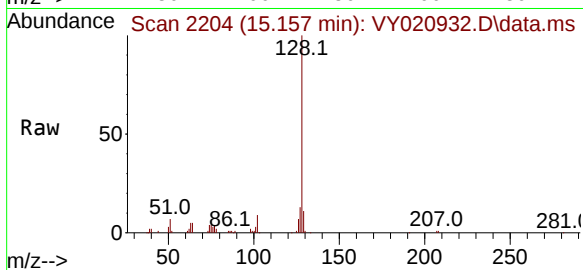
Tgt Ion:128 Resp: 38582

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.581 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020932.D

Acq: 24 Jan 2025 15:59

Tgt Ion:180 Resp: 21166

Ion Ratio Lower Upper

180 100

182 98.3 47.5 142.6

145 33.6 15.7 47.0

