

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012425\
 Data File : VY020931.D
 Acq On : 24 Jan 2025 15:36
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: Jan 25 00:48:55 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	7.719	168	289978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	430487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	365613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	179543	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	47430	20.515	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.020%#
35) Dibromofluoromethane	7.646	113	49373	19.978	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.960%#
50) Toluene-d8	10.115	98	193034	20.137	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.280%#
62) 4-Bromofluorobenzene	12.414	95	67079	21.026	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	42.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	45047	20.539	ug/l	99
3) Chloromethane	2.074	50	32792	20.102	ug/l	98
4) Vinyl Chloride	2.214	62	35978	20.236	ug/l	99
5) Bromomethane	2.605	94	23600	19.598	ug/l	89
6) Chloroethane	2.745	64	21272	20.394	ug/l	90
7) Trichlorofluoromethane	3.068	101	77595	20.542	ug/l	96
8) Diethyl Ether	3.464	74	24845	21.400	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.830	101	50091	20.097	ug/l	99
10) Methyl Iodide	4.013	142	55213	18.588	ug/l	99
11) Tert butyl alcohol	4.879	59	22549	126.340	ug/l #	94
12) 1,1-Dichloroethene	3.799	96	47840	20.324	ug/l	94
13) Acrolein	3.665	56	27526	113.764	ug/l	94
14) Allyl chloride	4.397	41	66350	20.196	ug/l	99
15) Acrylonitrile	5.074	53	51695	113.277	ug/l	99
16) Acetone	3.885	43	34755	110.950	ug/l	94
17) Carbon Disulfide	4.116	76	147791	20.331	ug/l	100
18) Methyl Acetate	4.397	43	24374	21.539	ug/l	98
19) Methyl tert-butyl Ether	5.128	73	117954	21.635	ug/l	100
20) Methylene Chloride	4.629	84	47904	20.562	ug/l	96
21) trans-1,2-Dichloroethene	5.128	96	51418	20.260	ug/l	96
22) Diisopropyl ether	6.031	45	139203	21.065	ug/l	95
23) Vinyl Acetate	5.976	43	406636	111.184	ug/l	99
24) 1,1-Dichloroethane	5.933	63	86019	20.535	ug/l	100
25) 2-Butanone	6.909	43	60455	113.931	ug/l	93
26) 2,2-Dichloropropane	6.896	77	83767	20.302	ug/l	97
27) cis-1,2-Dichloroethene	6.903	96	58008	20.253	ug/l	99
28) Bromochloromethane	7.256	49	35777	21.221	ug/l	99
29) Tetrahydrofuran	7.274	42	40402	114.246	ug/l	97
30) Chloroform	7.433	83	91212	20.573	ug/l	98
31) Cyclohexane	7.713	56	82836	20.120	ug/l	95
32) 1,1,1-Trichloroethane	7.628	97	87395	20.322	ug/l	99
36) 1,1-Dichloropropene	7.848	75	69611	20.174	ug/l	99
37) Ethyl Acetate	6.994	43	30824	23.025	ug/l	99
38) Carbon Tetrachloride	7.829	117	83916	20.167	ug/l	97
39) Methylcyclohexane	9.116	83	93850	20.091	ug/l	99
40) Benzene	8.091	78	206141	20.364	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	16615	23.494	ug/l	95
42) 1,2-Dichloroethane	8.165	62	52811	20.967	ug/l	99
43) Isopropyl Acetate	8.207	43	56326	22.188	ug/l	99
44) Trichloroethene	8.872	130	56209	20.439	ug/l	95
45) 1,2-Dichloropropane	9.152	63	45949	20.564	ug/l	99
46) Dibromomethane	9.238	93	26732	21.044	ug/l	98
47) Bromodichloromethane	9.433	83	68617	20.301	ug/l	96
48) Methyl methacrylate	9.231	41	26554	22.174	ug/l	99
49) 1,4-Dioxane	9.244	88	5828	445.582	ug/l #	88
51) 4-Methyl-2-Pentanone	10.006	43	146557	114.497	ug/l	99
52) Toluene	10.176	92	133243	20.466	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	65647	21.182	ug/l	99
54) cis-1,3-Dichloropropene	9.865	75	76874	20.774	ug/l	97
55) 1,1,2-Trichloroethane	10.579	97	37345	21.749	ug/l	97
56) Ethyl methacrylate	10.445	69	50068	22.249	ug/l	97
57) 1,3-Dichloropropane	10.725	76	62652	21.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	112684	110.326	ug/l	100
59) 2-Hexanone	10.768	43	94718	115.076	ug/l	100
60) Dibromochloromethane	10.920	129	51025	21.114	ug/l	100
61) 1,2-Dibromoethane	11.024	107	34995	21.308	ug/l	99
64) Tetrachloroethene	10.652	164	50827	19.976	ug/l	95
65) Chlorobenzene	11.451	112	144883	20.264	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.524	131	52308	20.589	ug/l	99
67) Ethyl Benzene	11.524	91	251776	20.181	ug/l	99
68) m/p-Xylenes	11.633	106	194981	40.816	ug/l	100
69) o-Xylene	11.963	106	90565	20.296	ug/l	99
70) Styrene	11.975	104	150141	20.531	ug/l	99
71) Bromoform	12.139	173	31153	21.654	ug/l #	100
73) Isopropylbenzene	12.261	105	245822	19.880	ug/l	100
74) N-amyl acetate	12.078	43	47608	21.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.511	83	41442	21.540	ug/l	100
76) 1,2,3-Trichloropropane	12.566	75	53449	42.104	ug/l #	100
77) Bromobenzene	12.542	156	57368	19.792	ug/l	99
78) n-propylbenzene	12.603	91	284362	19.742	ug/l	100
79) 2-Chlorotoluene	12.688	91	161030	19.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.743	105	199670	20.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.310	75	13970	21.261	ug/l	96
82) 4-Chlorotoluene	12.786	91	169283	20.292	ug/l	99
83) tert-Butylbenzene	13.005	119	182524	19.916	ug/l	99
84) 1,2,4-Trimethylbenzene	13.054	105	197286	20.169	ug/l	98
85) sec-Butylbenzene	13.182	105	261437	20.008	ug/l	100
86) p-Isopropyltoluene	13.298	119	222126	20.122	ug/l	99
87) 1,3-Dichlorobenzene	13.298	146	111608	20.108	ug/l	98
88) 1,4-Dichlorobenzene	13.377	146	109409	20.066	ug/l	98
89) n-Butylbenzene	13.627	91	193984	19.922	ug/l	99
90) Hexachloroethane	13.889	117	41758	19.042	ug/l	98
91) 1,2-Dichlorobenzene	13.670	146	96672	20.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.285	75	6469	22.382	ug/l	94
93) 1,2,4-Trichlorobenzene	14.932	180	56876	19.661	ug/l	98
94) Hexachlorobutadiene	15.035	225	37927	19.162	ug/l	99
95) Naphthalene	15.157	128	93615	20.180	ug/l	100
96) 1,2,3-Trichlorobenzene	15.340	180	48266	19.859	ug/l	98

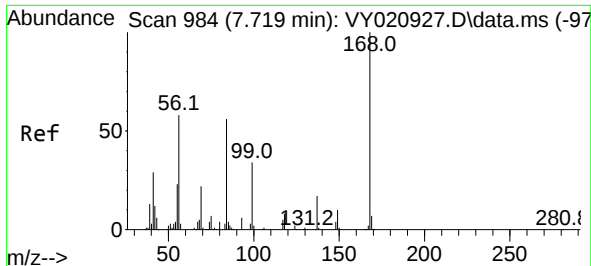
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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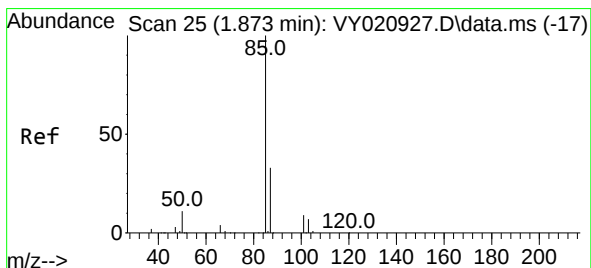
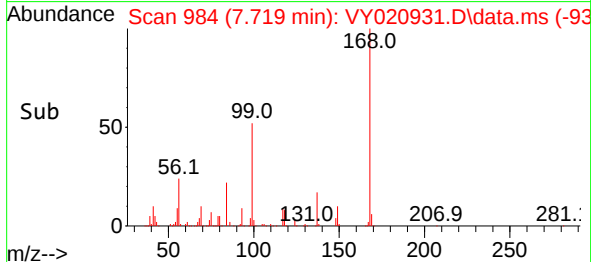
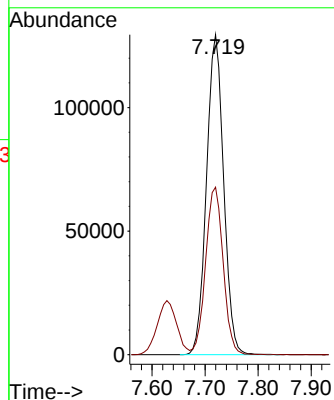
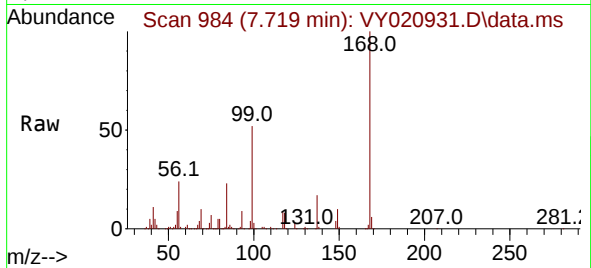
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
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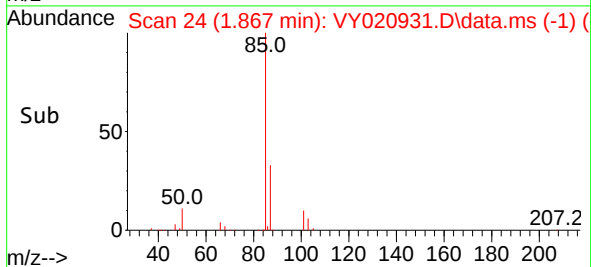
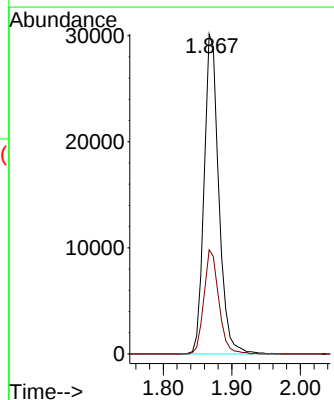
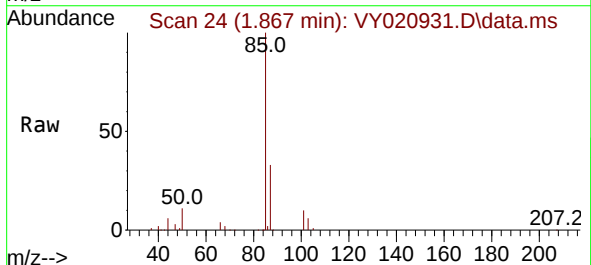
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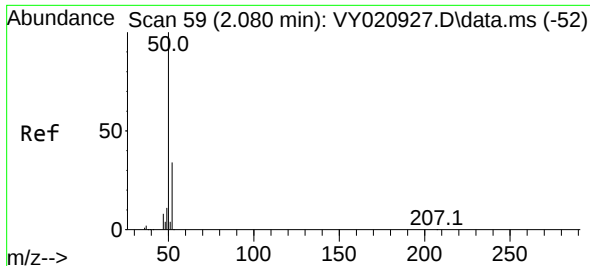
Tgt Ion:168 Resp: 289978
Ion Ratio Lower Upper
168 100
99 52.3 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 20.539 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 85 Resp: 45047
Ion Ratio Lower Upper
85 100
87 32.5 16.6 49.8

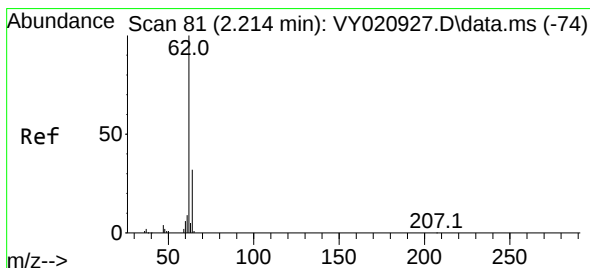
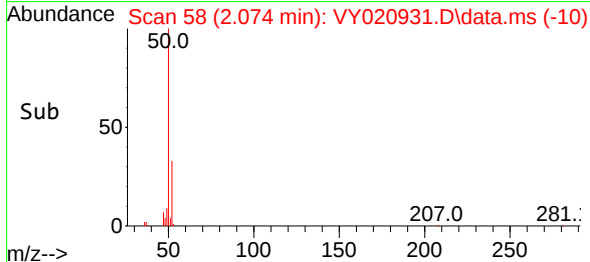
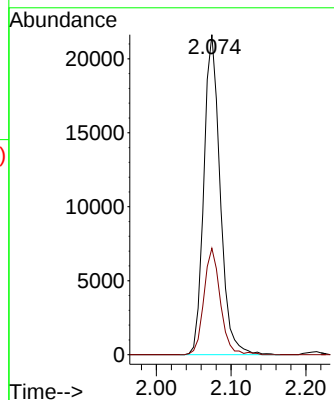
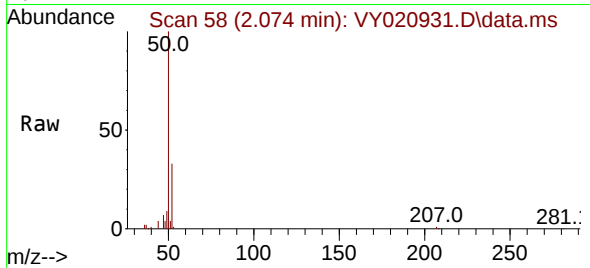




#3
Chloromethane
Concen: 20.102 ug/l
RT: 2.074 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

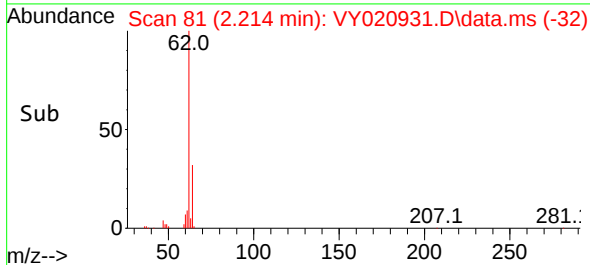
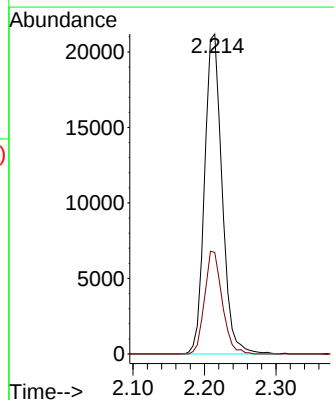
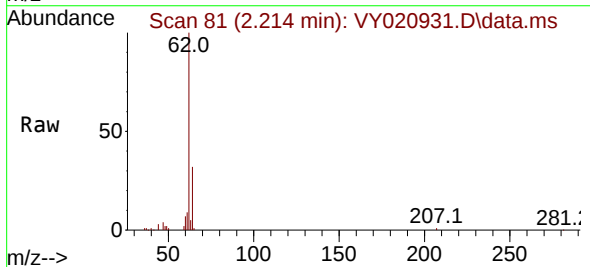
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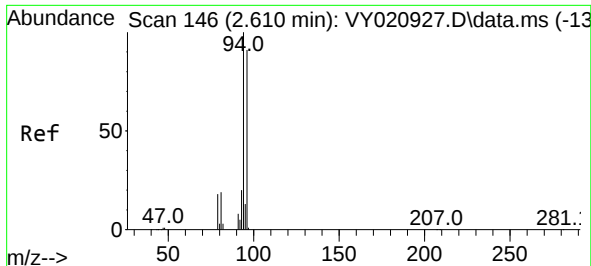
Tgt Ion: 50 Resp: 32792
Ion Ratio Lower Upper
50 100
52 33.3 27.4 41.0



#4
Vinyl Chloride
Concen: 20.236 ug/l
RT: 2.214 min Scan# 81
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 62 Resp: 35978
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5

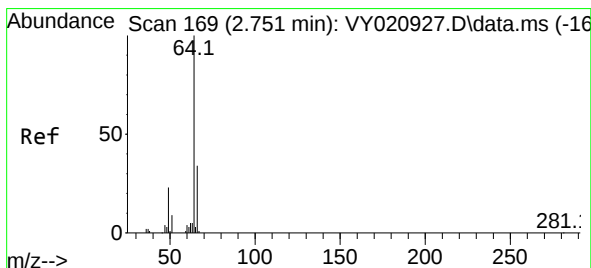
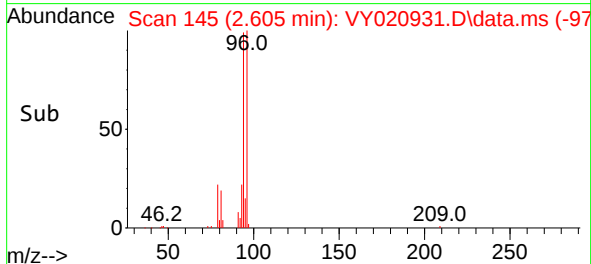
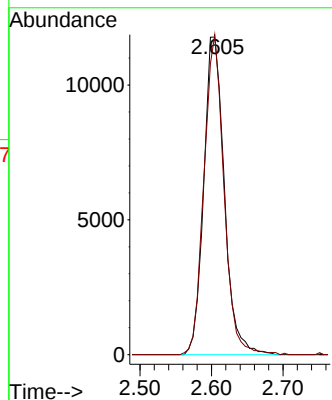
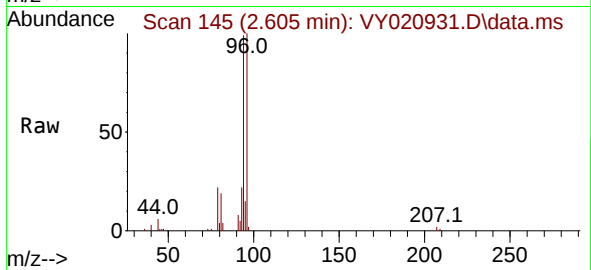




#5
Bromomethane
Concen: 19.598 ug/l
RT: 2.605 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

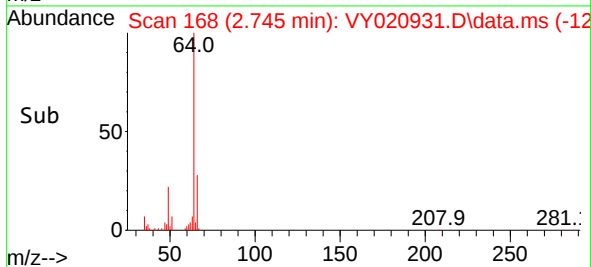
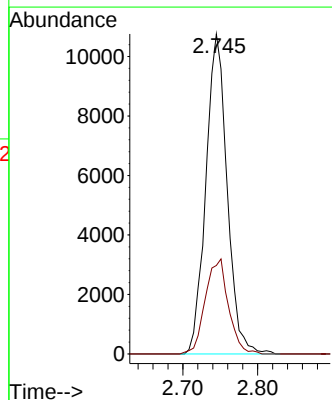
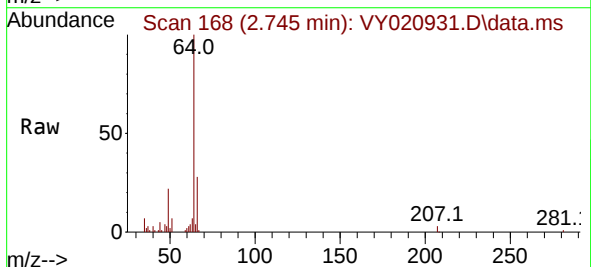
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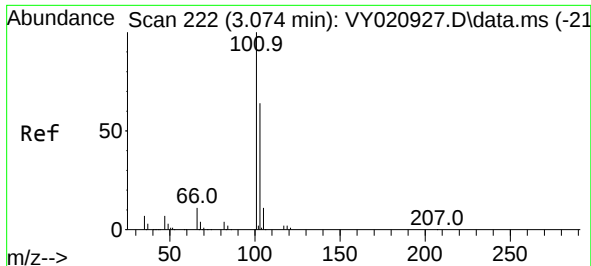
Tgt Ion: 94 Resp: 23600
Ion Ratio Lower Upper
94 100
96 100.7 72.6 109.0



#6
Chloroethane
Concen: 20.394 ug/l
RT: 2.745 min Scan# 168
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 64 Resp: 21272
Ion Ratio Lower Upper
64 100
66 27.6 26.9 40.3

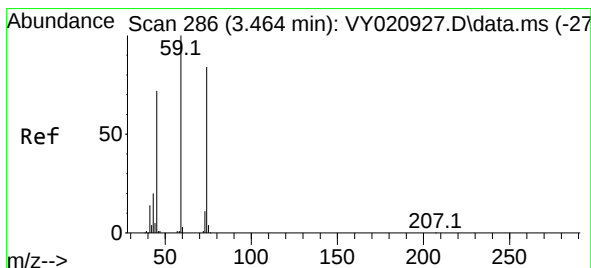
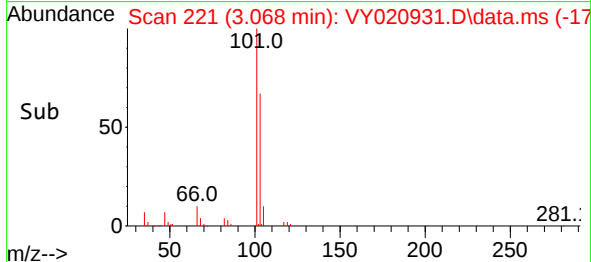
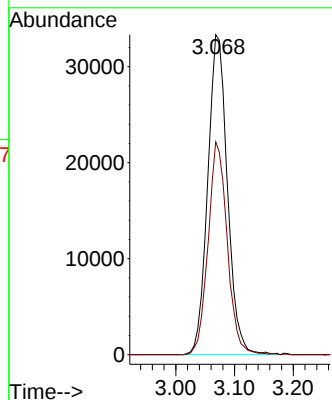
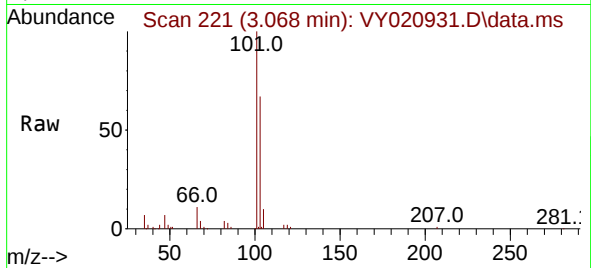




#7
Trichlorofluoromethane
Concen: 20.542 ug/l
RT: 3.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

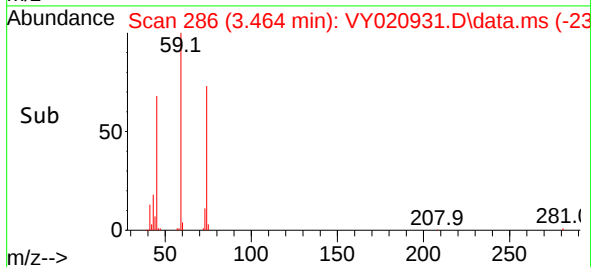
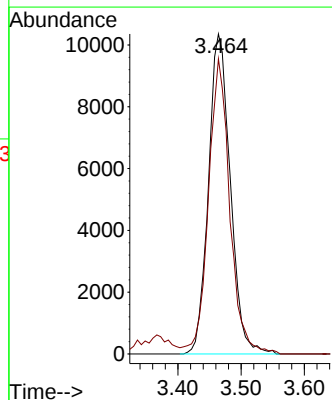
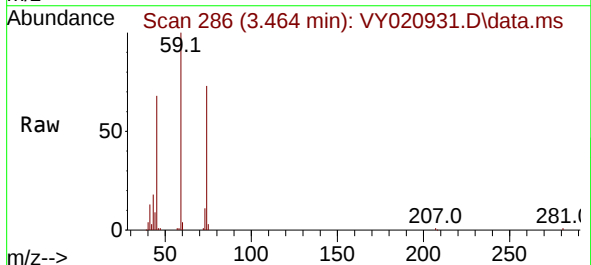
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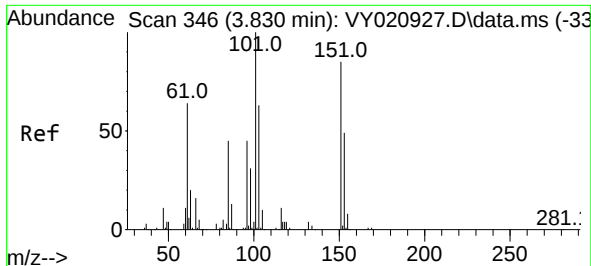
Tgt Ion:101 Resp: 77595
Ion Ratio Lower Upper
101 100
103 66.5 51.0 76.4



#8
Diethyl Ether
Concen: 21.400 ug/l
RT: 3.464 min Scan# 286
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 74 Resp: 24845
Ion Ratio Lower Upper
74 100
45 90.2 45.1 135.2

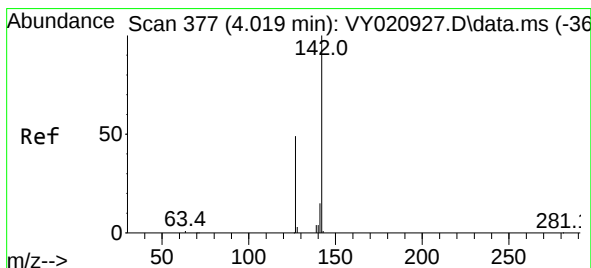
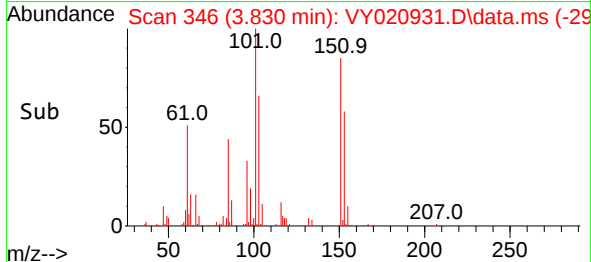
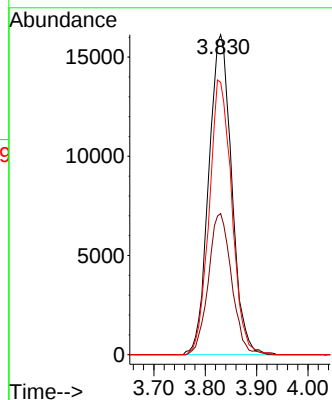
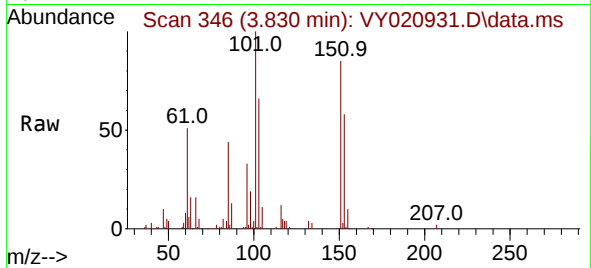




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.097 ug/l
RT: 3.830 min Scan# 346
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

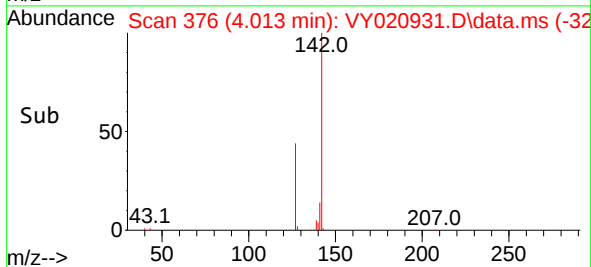
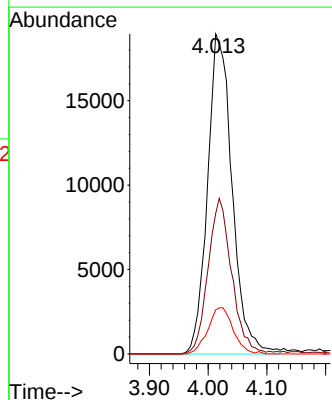
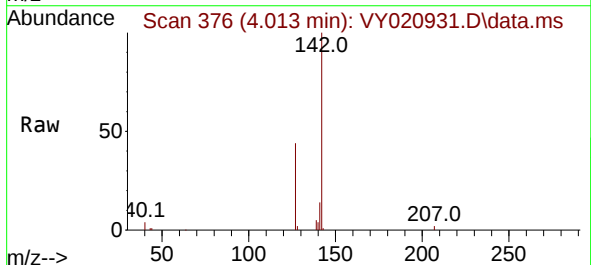
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

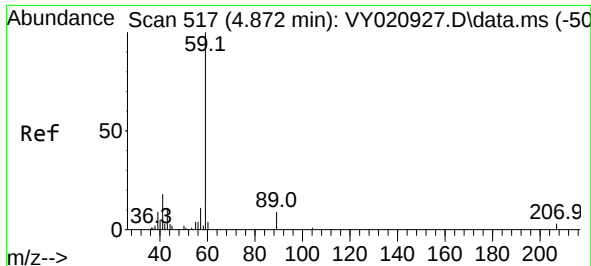
Tgt Ion:101 Resp: 50091
Ion Ratio Lower Upper
101 100
85 44.5 35.4 53.2
151 84.5 66.3 99.5



#10
Methyl Iodide
Concen: 18.588 ug/l
RT: 4.013 min Scan# 376
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion:142 Resp: 55213
Ion Ratio Lower Upper
142 100
127 47.1 37.3 55.9
141 14.9 11.4 17.2

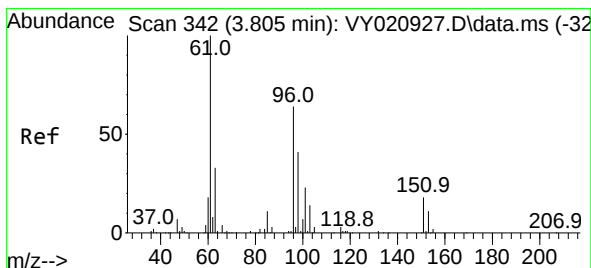
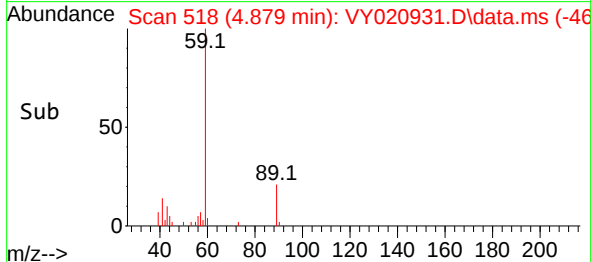
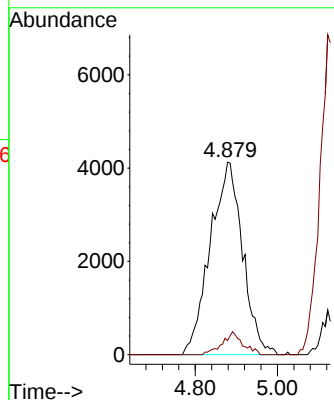
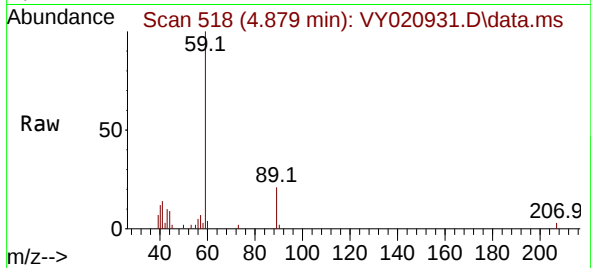




#11
Tert butyl alcohol
Concen: 126.340 ug/l
RT: 4.879 min Scan# 517
Delta R.T. 0.007 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

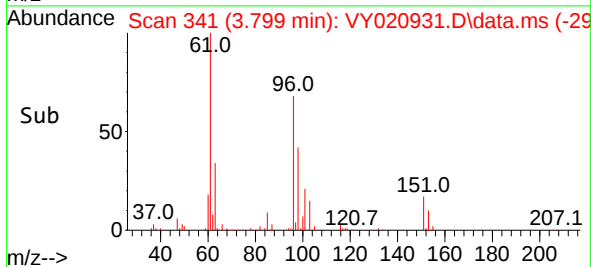
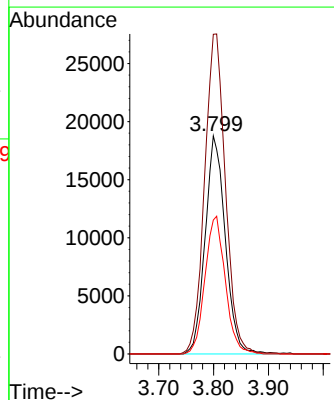
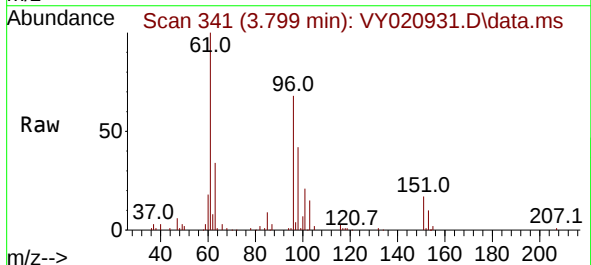
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

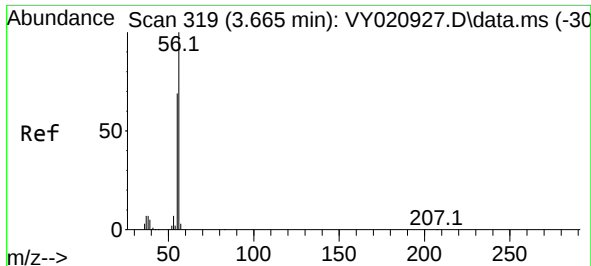
Tgt Ion: 59 Resp: 22549
Ion Ratio Lower Upper
59 100
57 7.5 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 20.324 ug/l
RT: 3.799 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 96 Resp: 47840
Ion Ratio Lower Upper
96 100
61 146.6 124.5 186.7
98 61.4 50.5 75.7

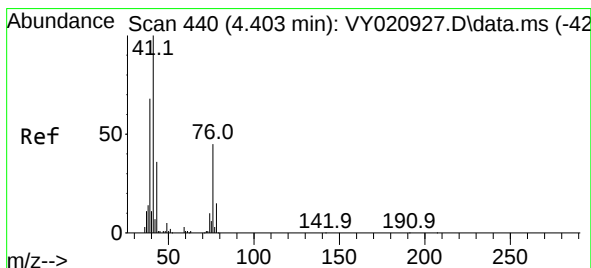
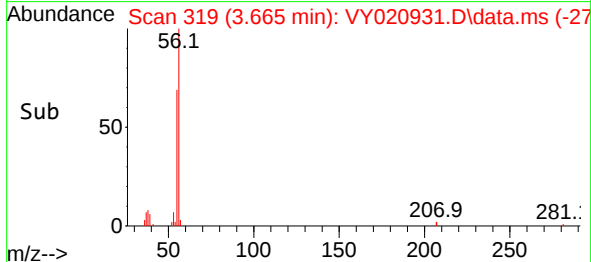
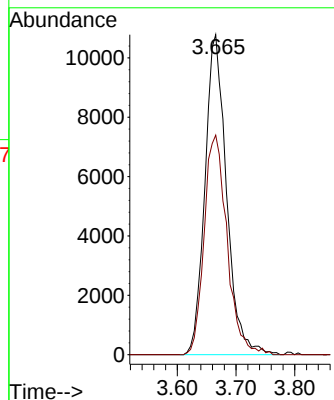
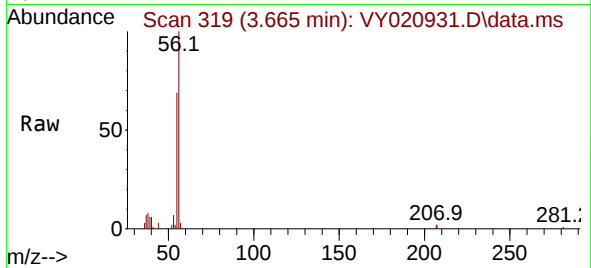




#13
Acrolein
Concen: 113.764 ug/l
RT: 3.665 min Scan# 319
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

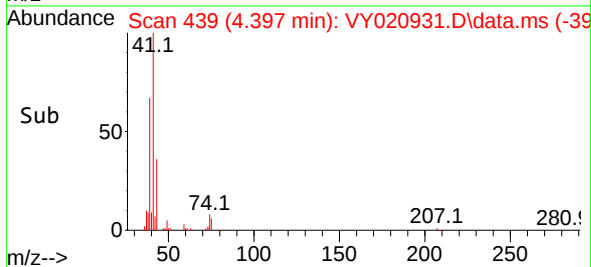
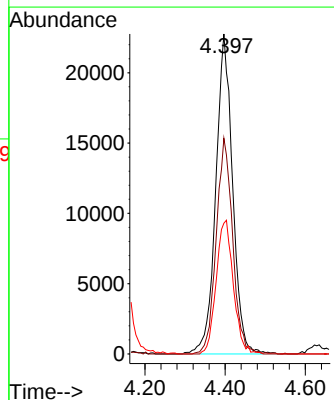
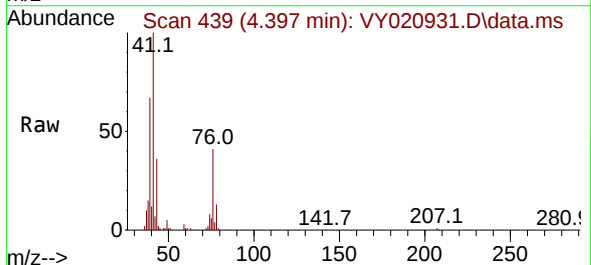
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

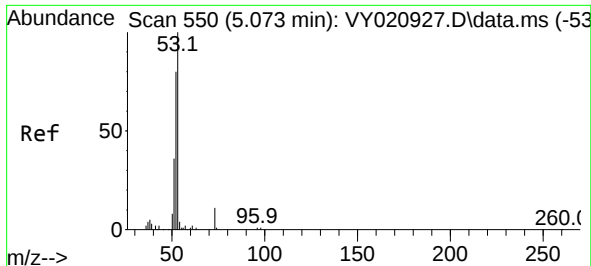
Tgt Ion: 56 Resp: 27526
Ion Ratio Lower Upper
56 100
55 72.9 54.6 81.8



#14
Allyl chloride
Concen: 20.196 ug/l
RT: 4.397 min Scan# 439
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 41 Resp: 66350
Ion Ratio Lower Upper
41 100
39 65.8 53.8 80.6
76 42.5 34.2 51.4

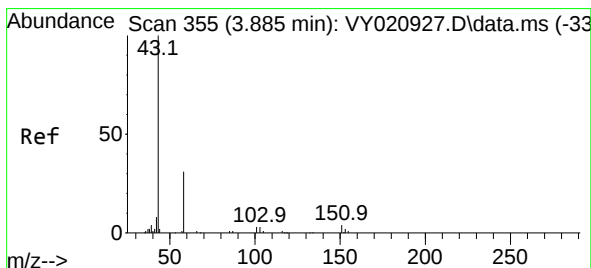
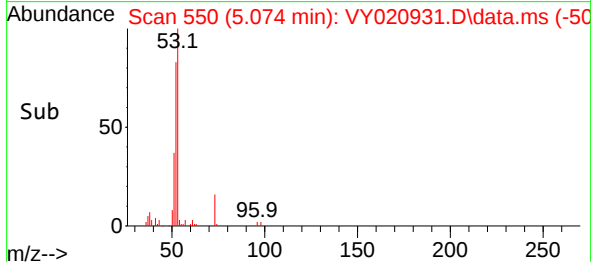
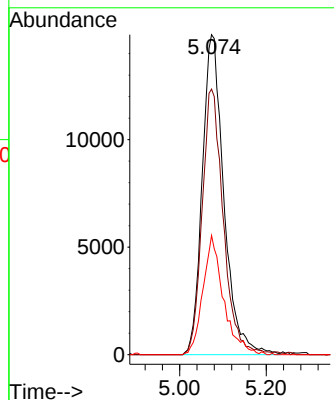
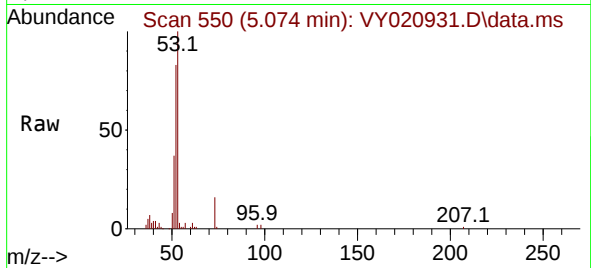




#15
Acrylonitrile
Concen: 113.277 ug/l
RT: 5.074 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

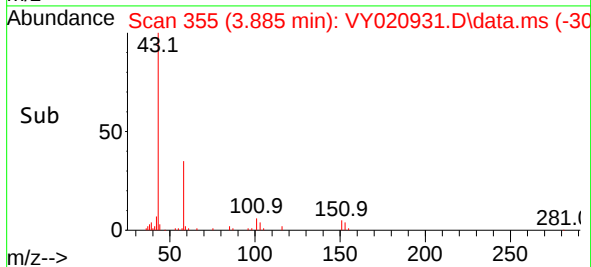
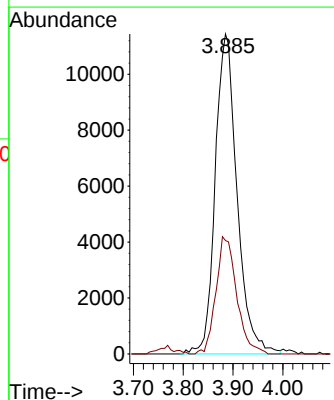
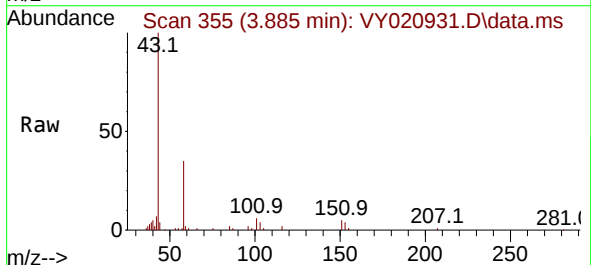
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

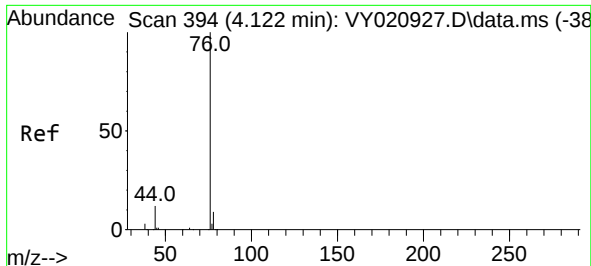
Tgt Ion: 53	Resp: 51695
Ion Ratio	Lower Upper
53	100
52	81.1 64.5 96.7
51	35.4 28.9 43.3



#16
Acetone
Concen: 110.950 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 43	Resp: 34755
Ion Ratio	Lower Upper
43	100
58	35.4 25.6 38.4

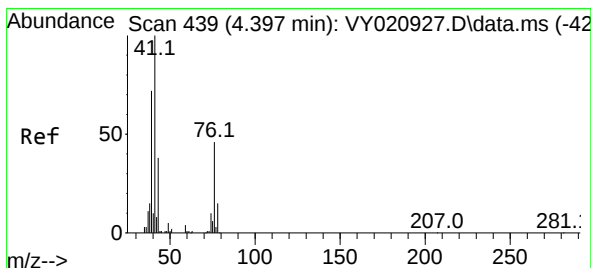
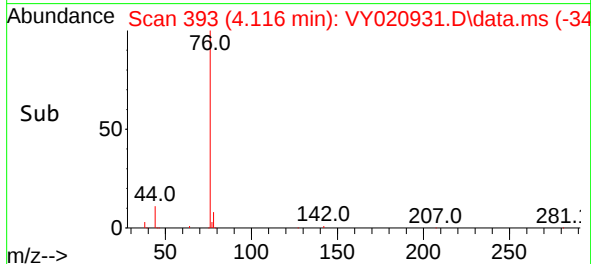
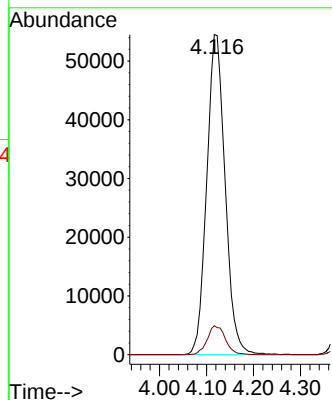
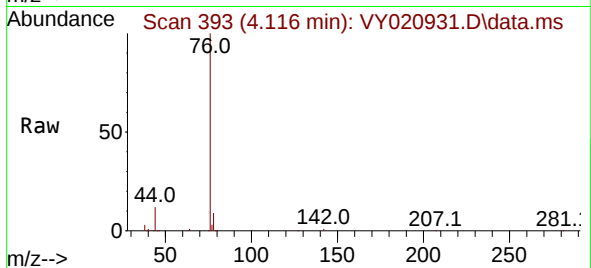




#17
Carbon Disulfide
Concen: 20.331 ug/l
RT: 4.116 min Scan# 394
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

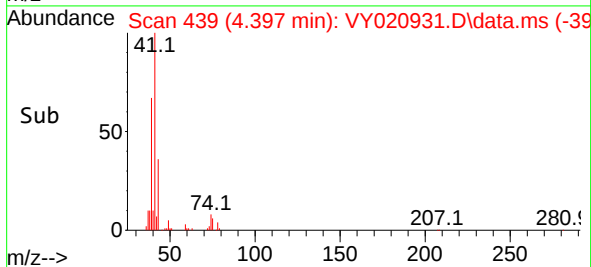
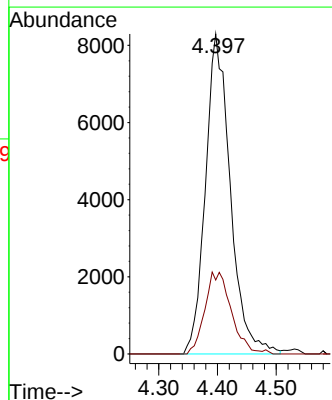
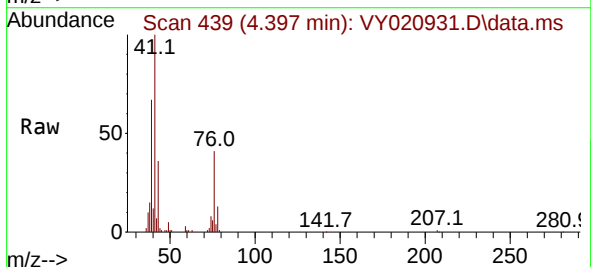
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

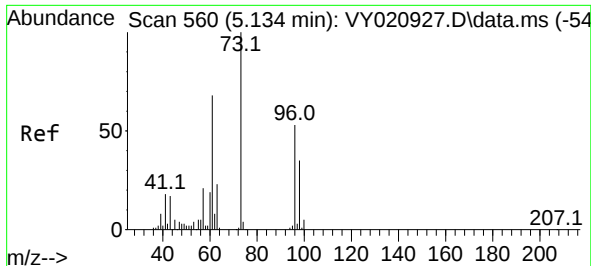
Tgt Ion: 76 Resp: 147791
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 21.539 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 43 Resp: 24374
Ion Ratio Lower Upper
43 100
74 27.4 21.0 31.6

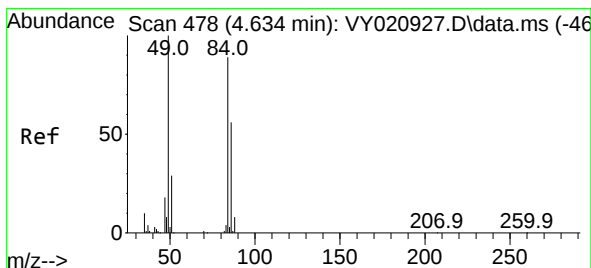
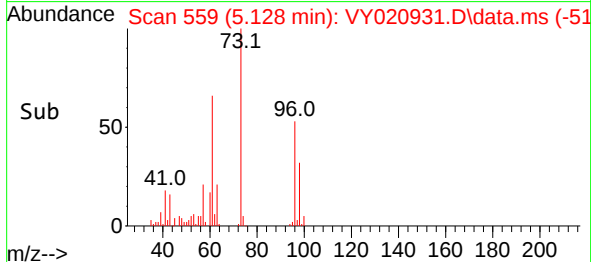
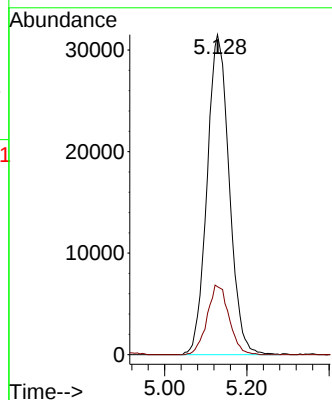
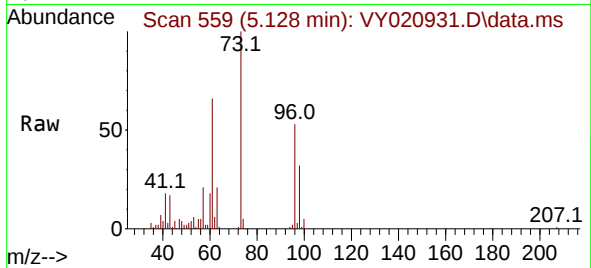




#19
Methyl tert-butyl Ether
Concen: 21.635 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

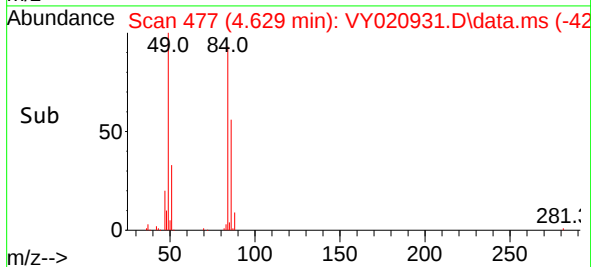
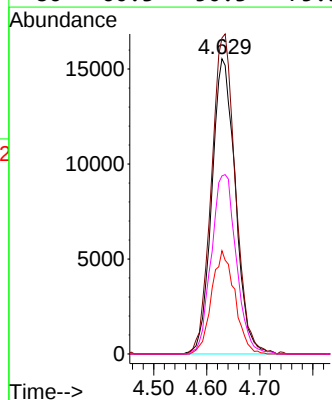
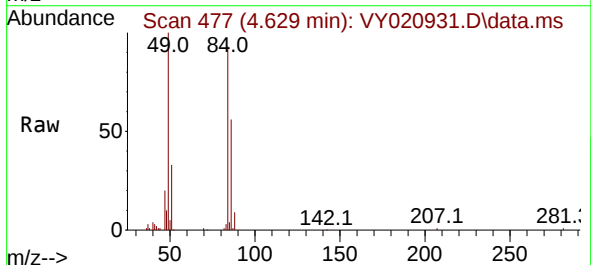
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

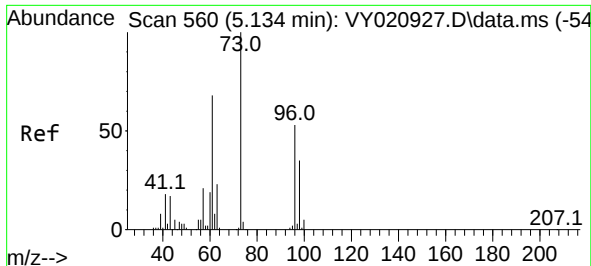
Tgt Ion: 73 Resp: 117954
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.6



#20
Methylene Chloride
Concen: 20.562 ug/l
RT: 4.629 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 84 Resp: 47904
Ion Ratio Lower Upper
84 100
49 107.1 90.3 135.5
51 34.9 26.6 39.8
86 60.3 50.3 75.5

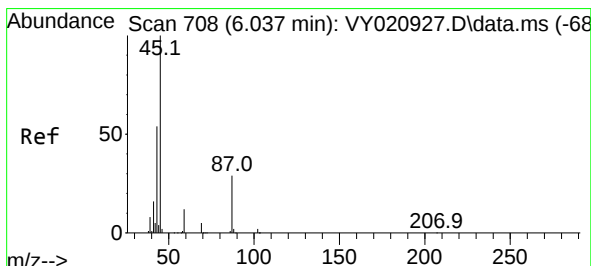
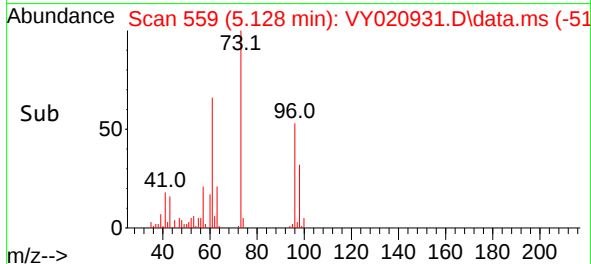
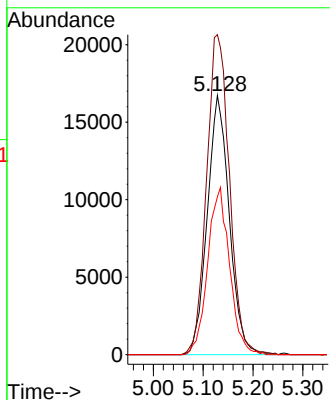
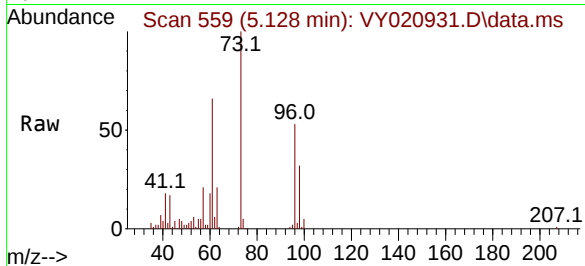




#21
trans-1,2-Dichloroethene
Concen: 20.260 ug/l
RT: 5.128 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

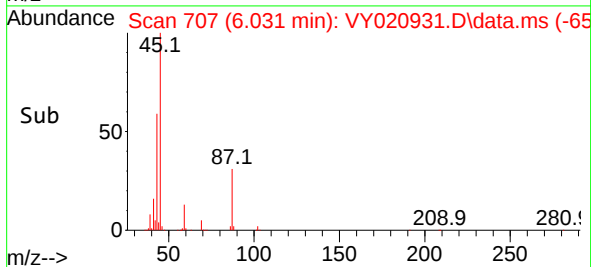
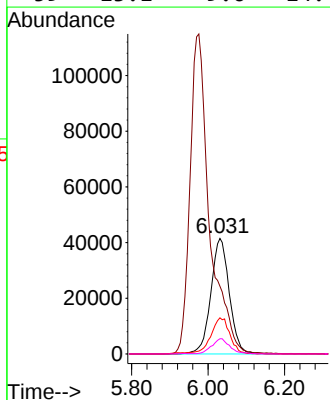
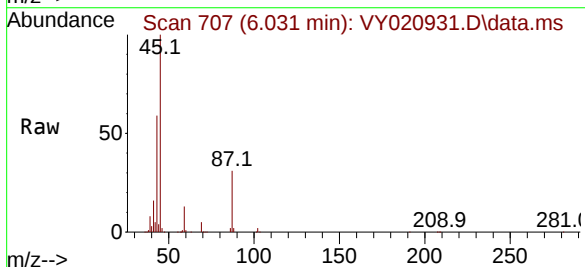
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

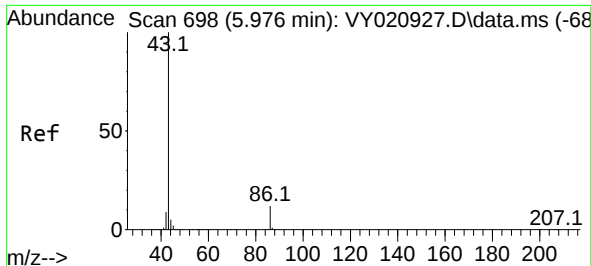
Tgt Ion: 96 Resp: 51418
Ion Ratio Lower Upper
96 100
61 123.4 102.4 153.6
98 60.9 52.0 78.0



#22
Diisopropyl ether
Concen: 21.065 ug/l
RT: 6.031 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 45 Resp: 139203
Ion Ratio Lower Upper
45 100
43 58.2 43.2 64.8
87 31.4 23.4 35.0
59 13.1 9.6 14.4

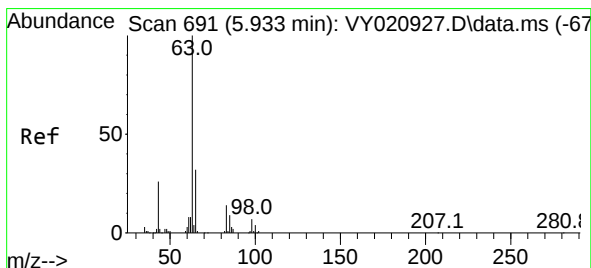
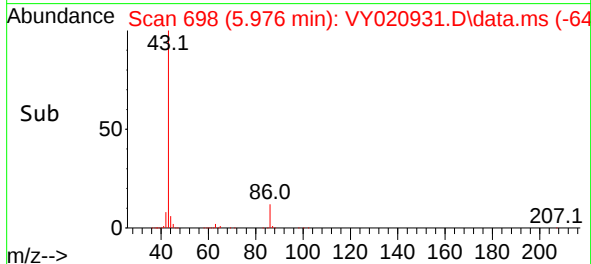
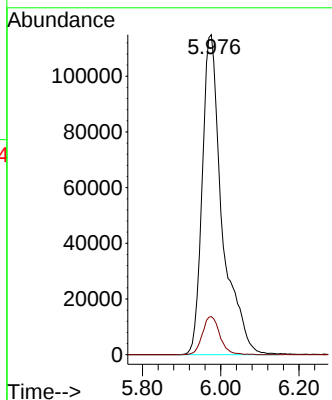
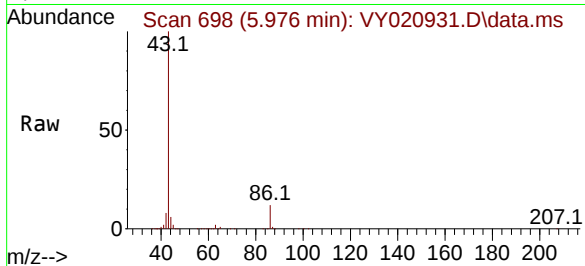




#23
 Vinyl Acetate
 Concen: 111.184 ug/l
 RT: 5.976 min Scan# 698
 Delta R.T. 0.000 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

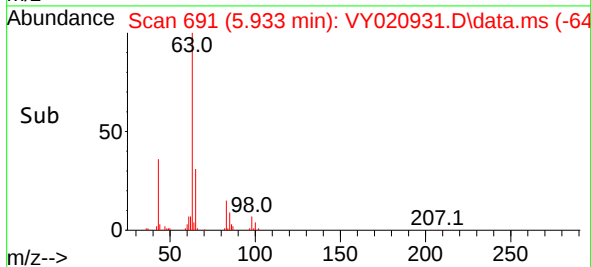
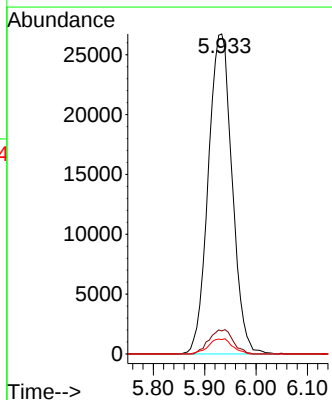
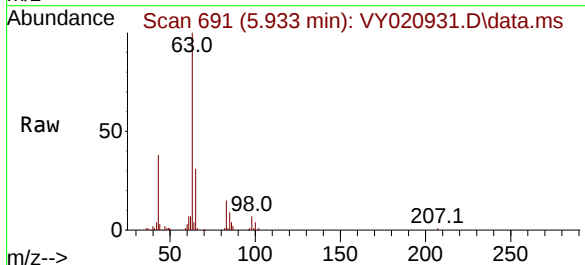
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

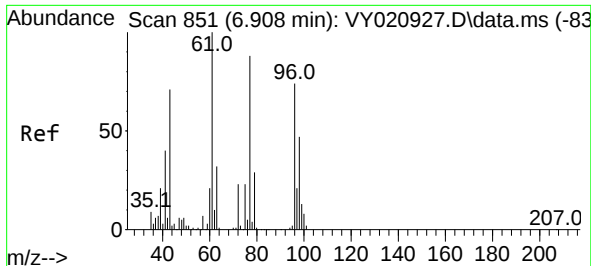
Tgt Ion: 43 Resp: 406636
 Ion Ratio Lower Upper
 43 100
 86 11.9 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 20.535 ug/l
 RT: 5.933 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

Tgt Ion: 63 Resp: 86019
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.7 11.1
 100 4.5 2.3 6.8

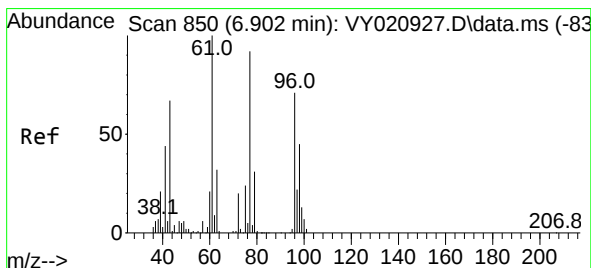
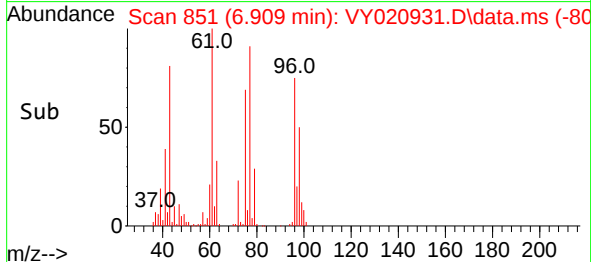
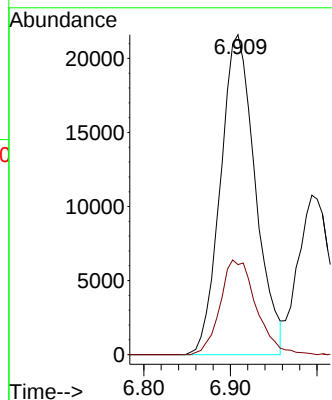
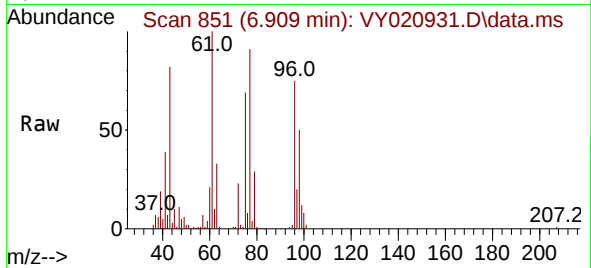




#25
2-Butanone
Concen: 113.931 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

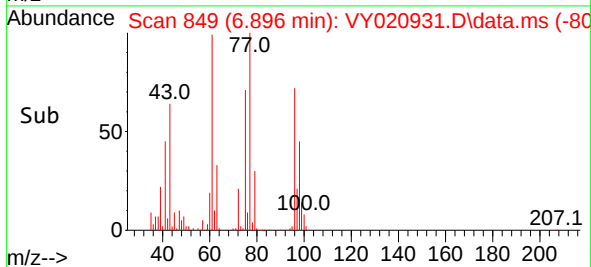
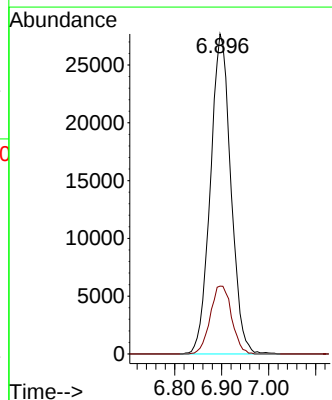
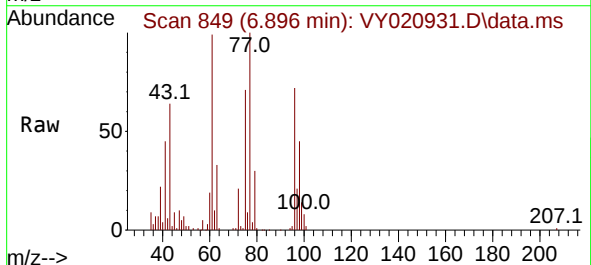
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

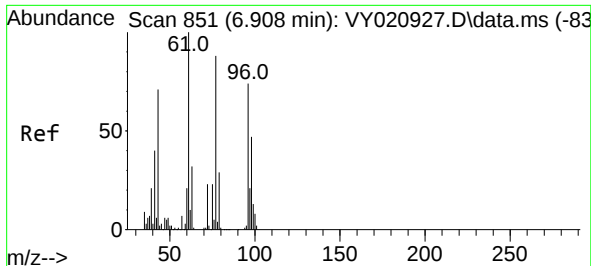
Tgt Ion: 43 Resp: 60455
Ion Ratio Lower Upper
43 100
72 28.1 25.8 38.8



#26
2,2-Dichloropropane
Concen: 20.302 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 77 Resp: 83767
Ion Ratio Lower Upper
77 100
97 22.1 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 20.253 ug/l

RT: 6.903 min Scan# 851

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

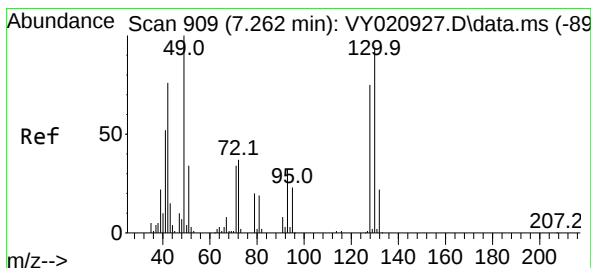
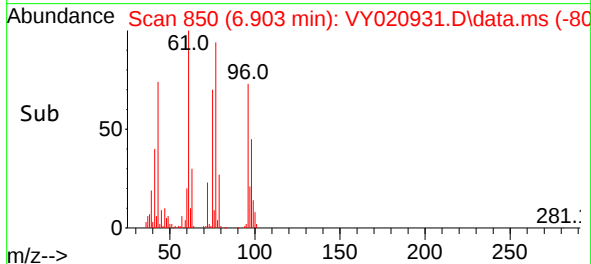
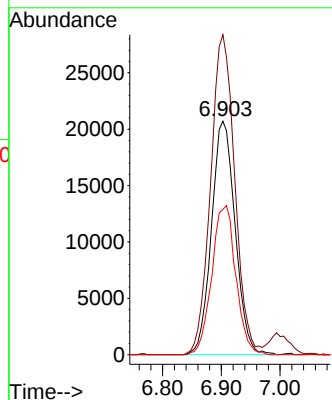
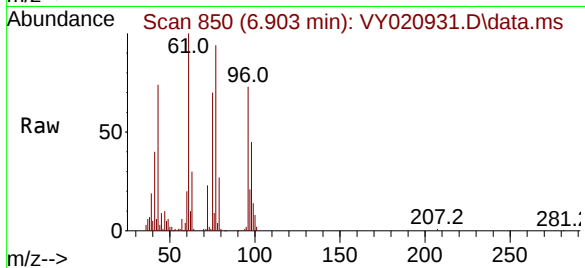
Tgt Ion: 96 Resp: 58008

Ion Ratio Lower Upper

96 100

61 139.9 0.0 275.2

98 64.6 0.0 129.6



#28

Bromochloromethane

Concen: 21.221 ug/l

RT: 7.256 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

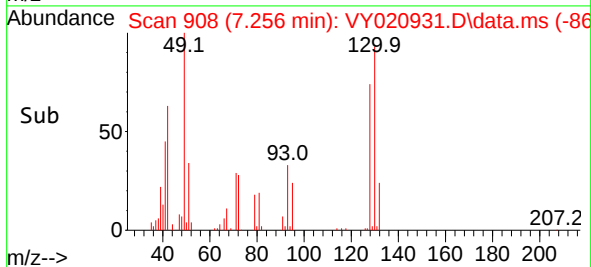
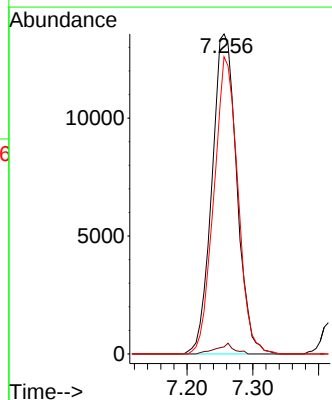
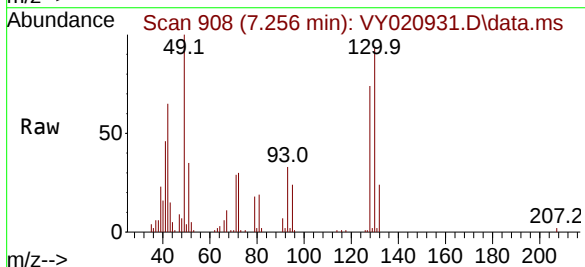
Tgt Ion: 49 Resp: 35777

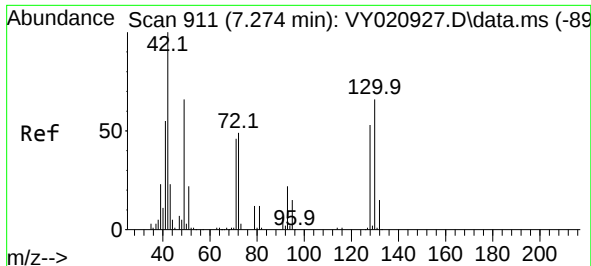
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 89.4 72.6 109.0

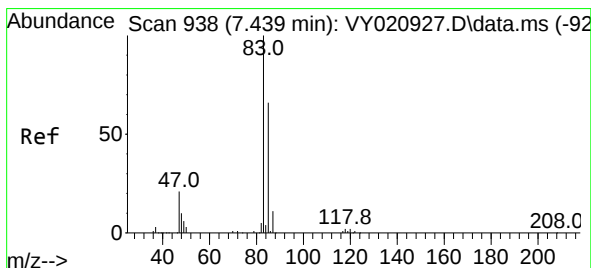
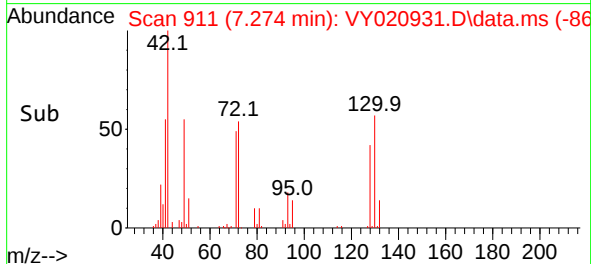
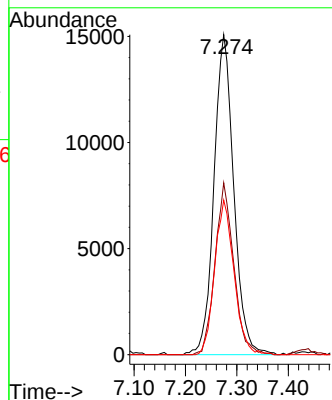
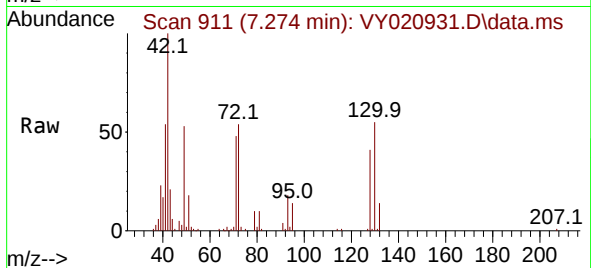




#29
Tetrahydrofuran
Concen: 114.246 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

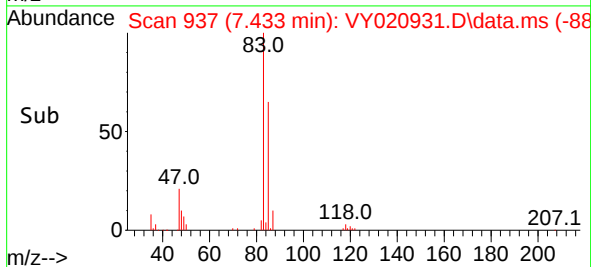
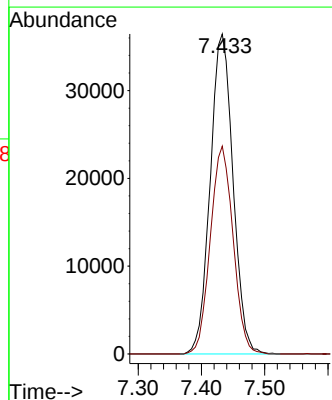
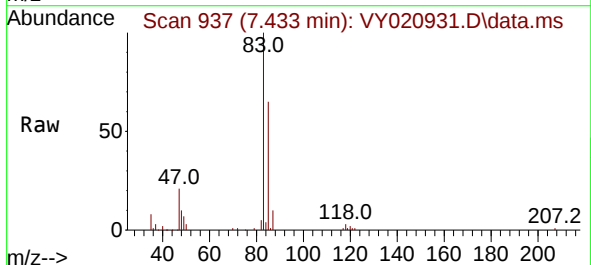
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

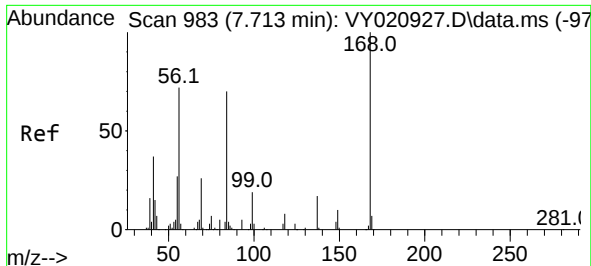
Tgt Ion: 42 Resp: 40402
Ion Ratio Lower Upper
42 100
72 50.8 38.8 58.2
71 47.3 36.4 54.6



#30
Chloroform
Concen: 20.573 ug/l
RT: 7.433 min Scan# 937
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 83 Resp: 91212
Ion Ratio Lower Upper
83 100
85 64.9 53.0 79.4

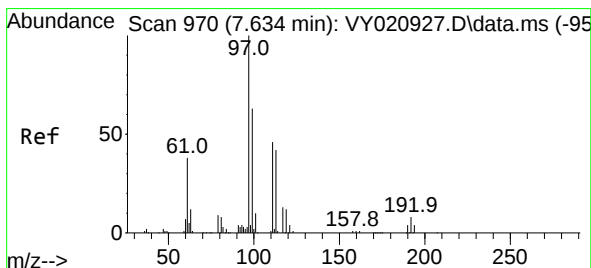
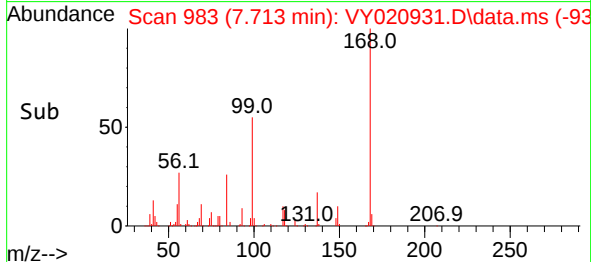
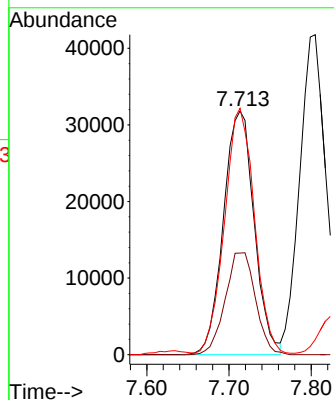
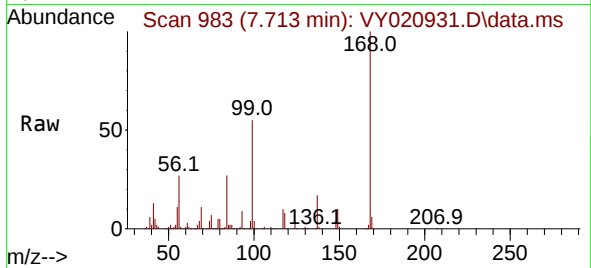




#31
Cyclohexane
Concen: 20.120 ug/l
RT: 7.713 min Scan# 911
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

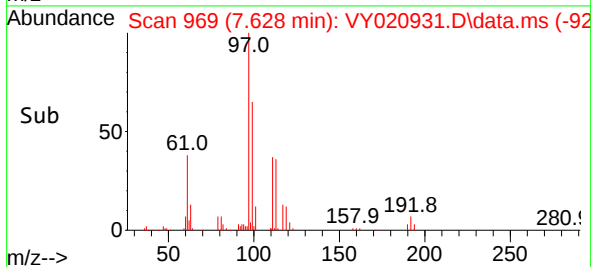
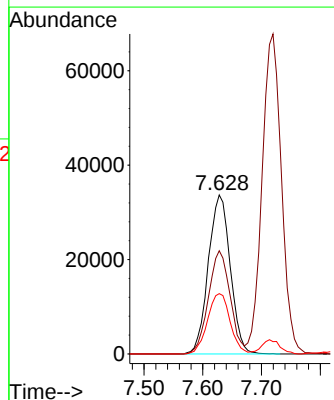
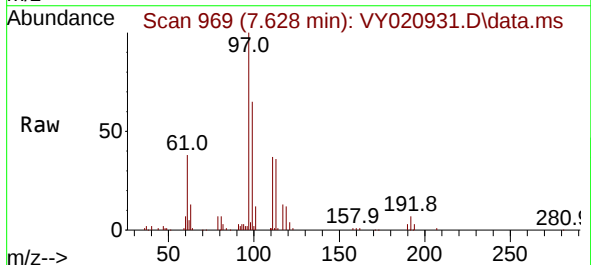
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

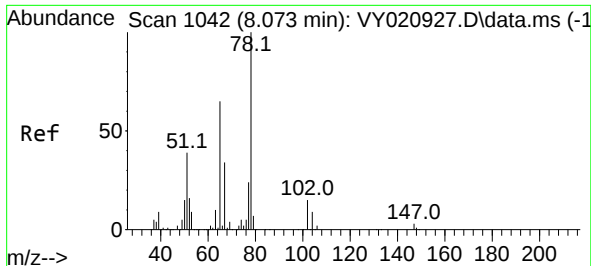
Tgt Ion: 56 Resp: 82836
Ion Ratio Lower Upper
56 100
69 41.7 28.7 43.1
84 99.8 77.4 116.0



#32
1,1,1-Trichloroethane
Concen: 20.322 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 97 Resp: 87395
Ion Ratio Lower Upper
97 100
99 64.1 51.7 77.5
61 39.0 30.8 46.2

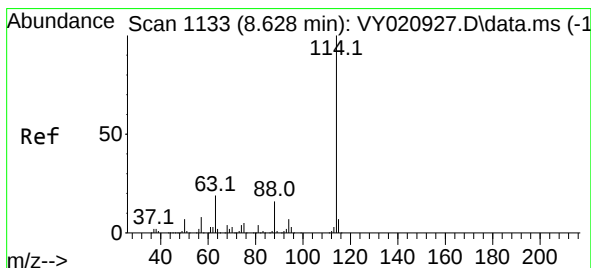
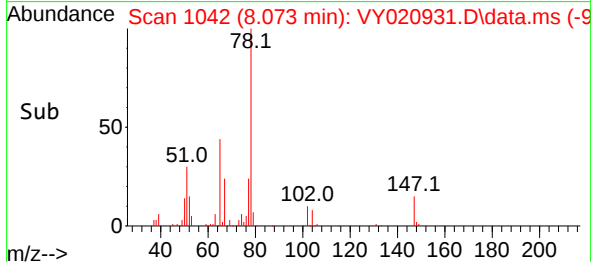
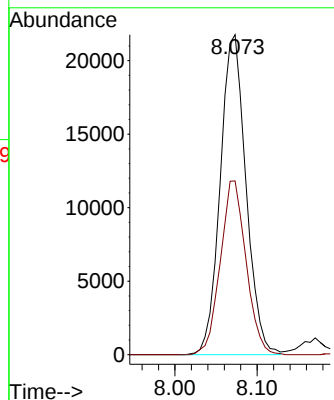
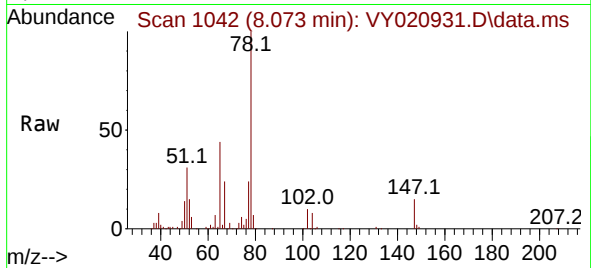




#33
 1,2-Dichloroethane-d4
 Concen: 20.515 ug/l
 RT: 8.073 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

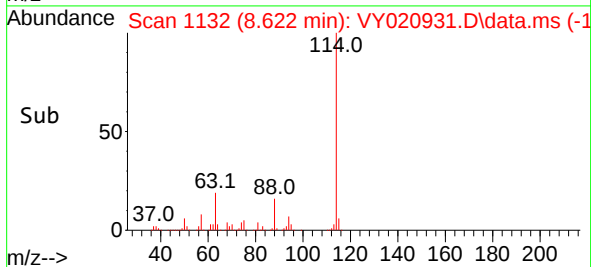
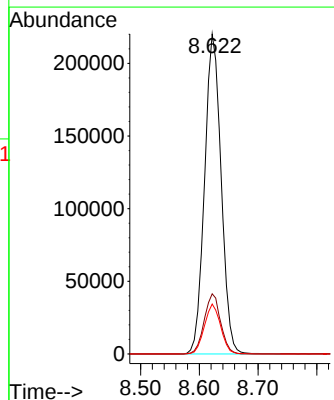
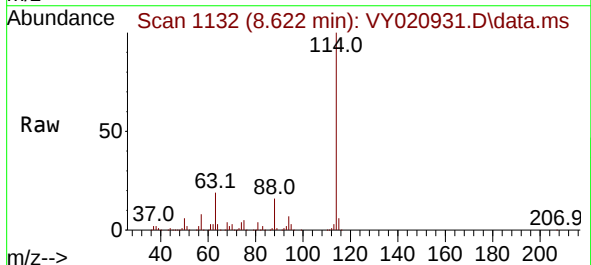
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

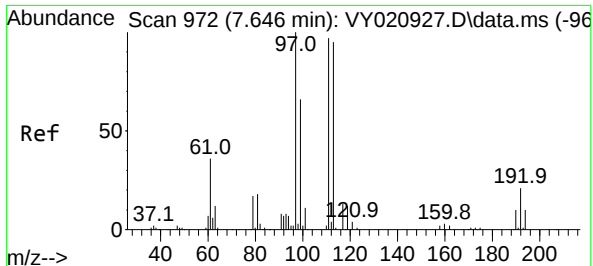
Tgt Ion: 65 Resp: 47430
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.622 min Scan# 1132
 Delta R.T. -0.006 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

Tgt Ion: 114 Resp: 430487
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.4
 88 15.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 19.978 ug/l

RT: 7.646 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

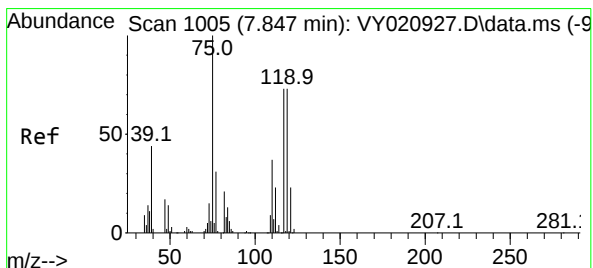
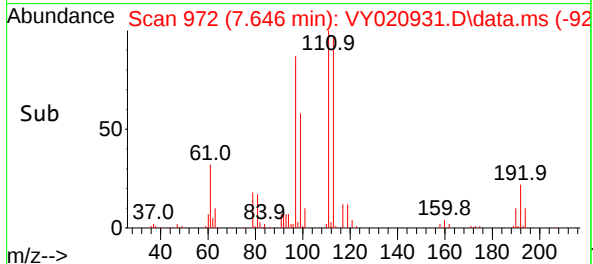
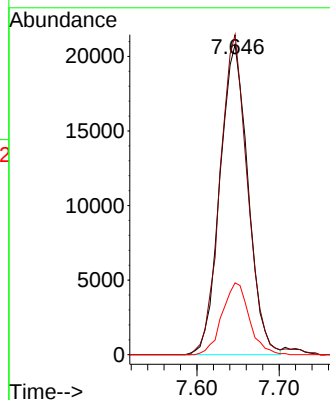
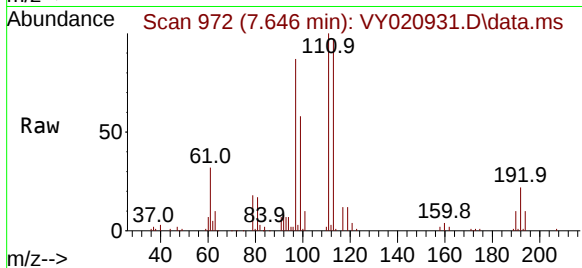
Tgt Ion:113 Resp: 49373

Ion Ratio Lower Upper

113 100

111 100.7 82.3 123.5

192 22.3 17.4 26.2



#36

1,1-Dichloropropene

Concen: 20.174 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

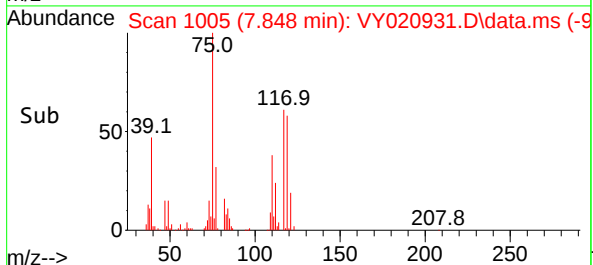
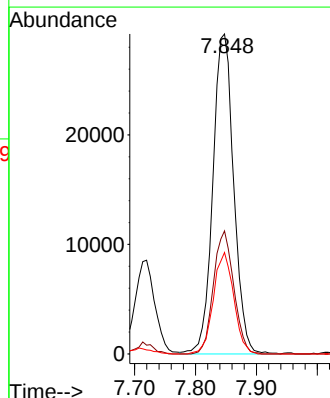
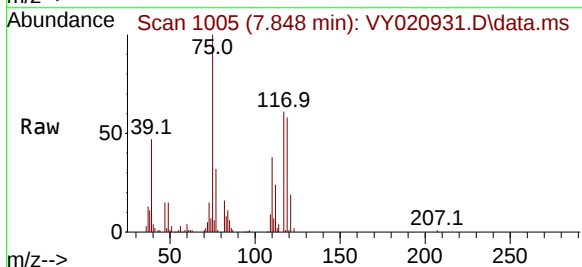
Tgt Ion: 75 Resp: 69611

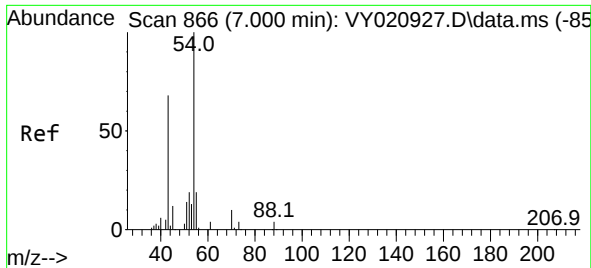
Ion Ratio Lower Upper

75 100

110 37.4 18.5 55.5

77 31.0 25.0 37.4





#37

Ethyl Acetate

Concen: 23.025 ug/l

RT: 6.994 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

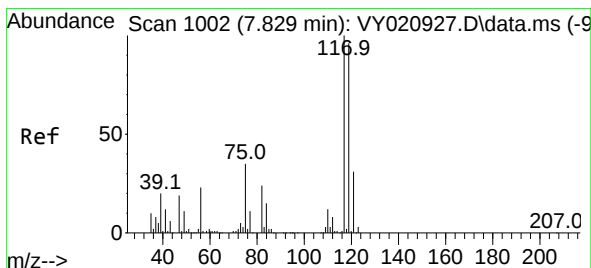
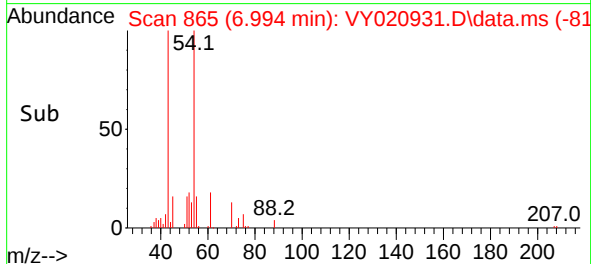
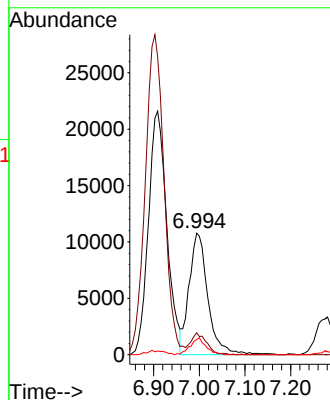
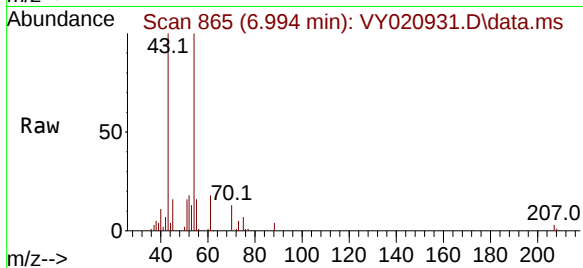
Tgt Ion: 43 Resp: 30824

Ion Ratio Lower Upper

43 100

61 15.0 12.1 18.1

70 11.5 9.5 14.3



#38

Carbon Tetrachloride

Concen: 20.167 ug/l

RT: 7.829 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

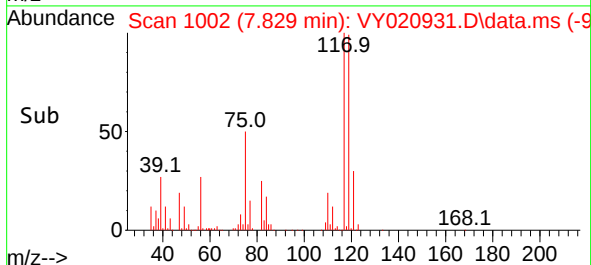
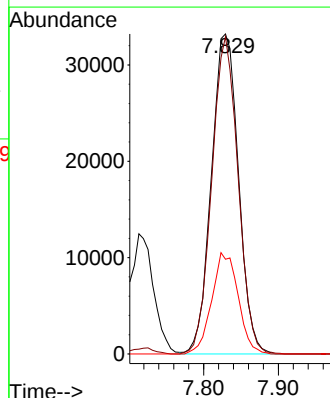
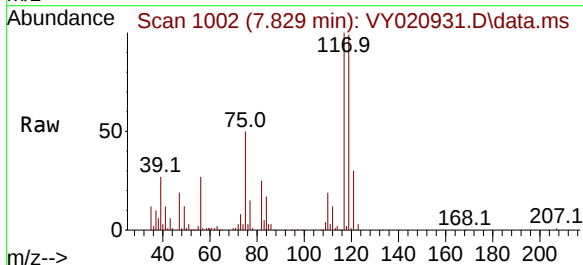
Tgt Ion: 117 Resp: 83916

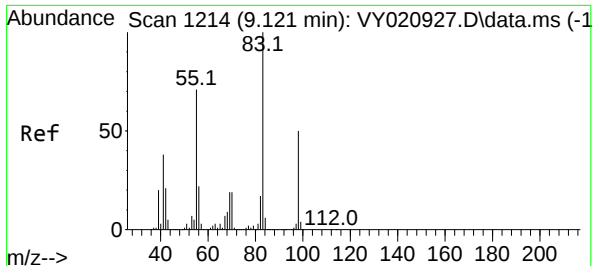
Ion Ratio Lower Upper

117 100

119 99.2 76.5 114.7

121 29.6 25.0 37.4





#39

Methylcyclohexane

Concen: 20.091 ug/l

RT: 9.116 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

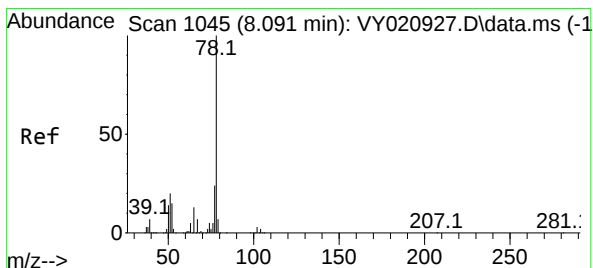
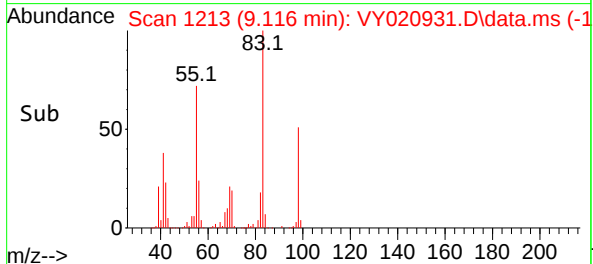
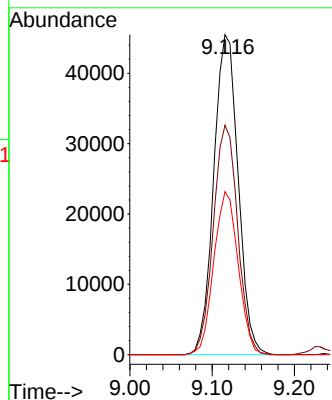
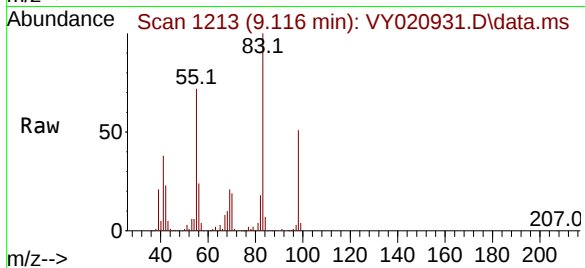
Tgt Ion: 83 Resp: 93850

Ion Ratio Lower Upper

83 100

55 71.7 57.0 85.4

98 50.9 40.1 60.1



#40

Benzene

Concen: 20.364 ug/l

RT: 8.091 min Scan# 1045

Delta R.T. 0.000 min

Lab File: VY020931.D

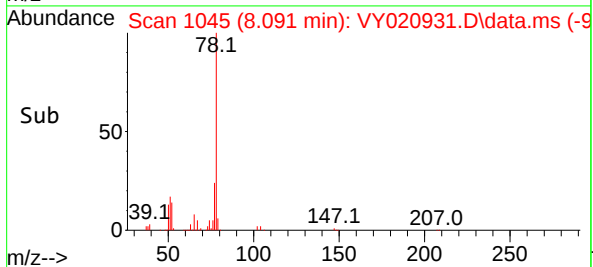
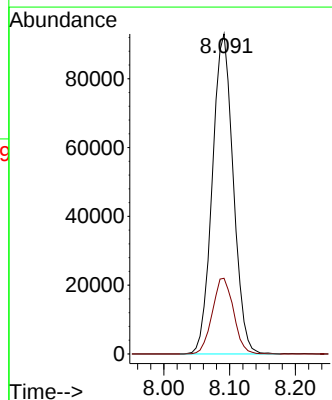
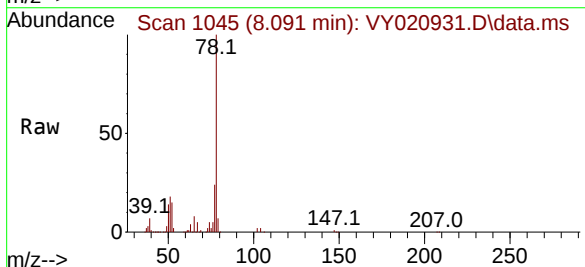
Acq: 24 Jan 2025 15:36

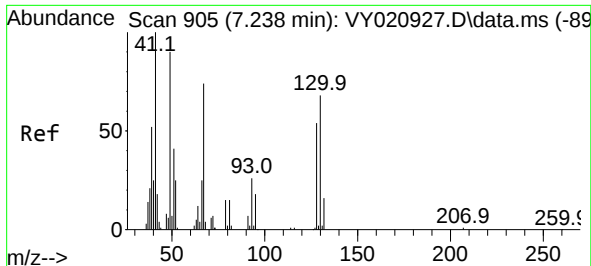
Tgt Ion: 78 Resp: 206141

Ion Ratio Lower Upper

78 100

77 23.7 19.0 28.6

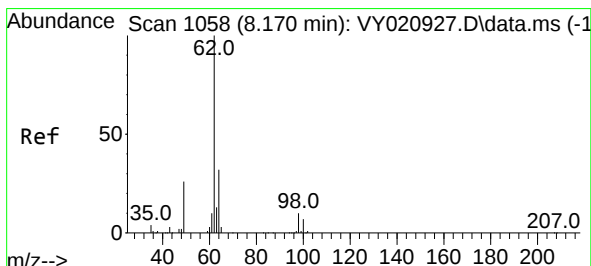
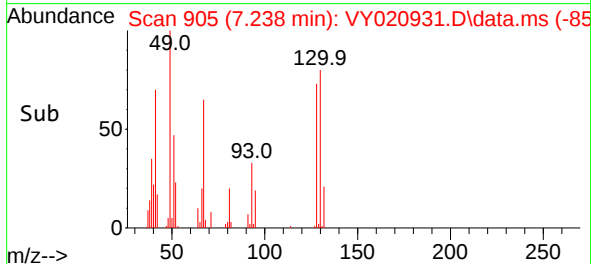
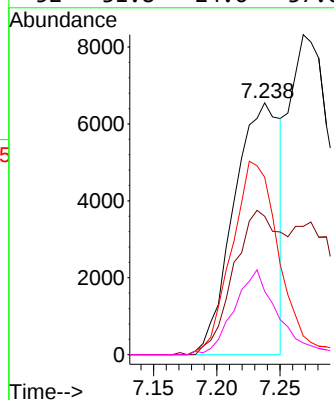
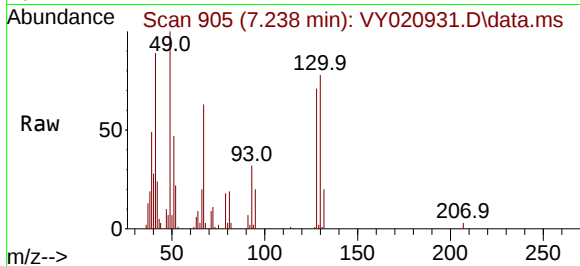




#41
Methacrylonitrile
Concen: 23.494 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

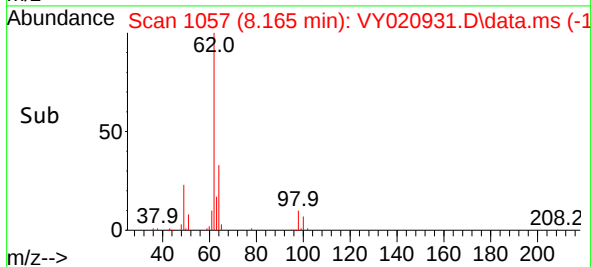
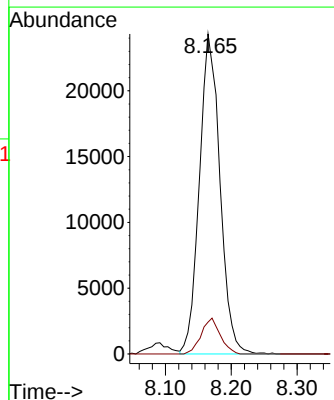
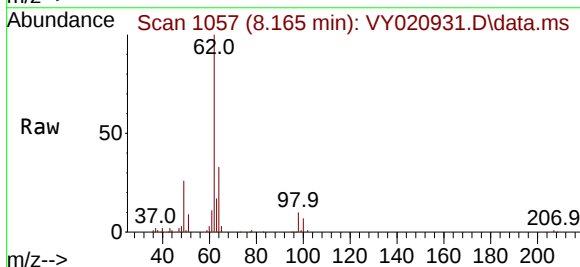
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

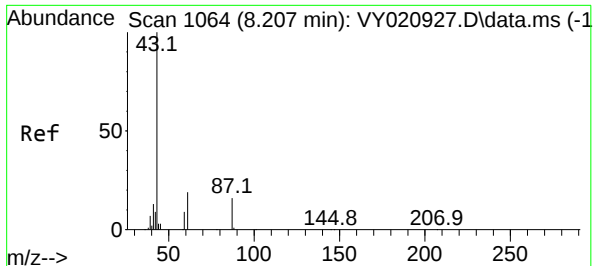
Tgt Ion:	41	Resp:	16615
Ion	Ratio	Lower	Upper
41	100		
39	62.0	46.4	69.6
67	78.7	66.7	100.1
52	31.8	24.6	37.0



#42
1,2-Dichloroethane
Concen: 20.967 ug/l
RT: 8.165 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion:	62	Resp:	52811
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 22.188 ug/l

RT: 8.207 min Scan# 1106

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

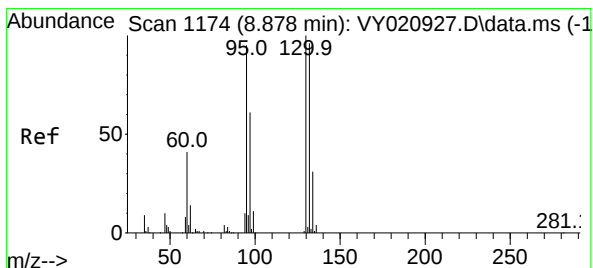
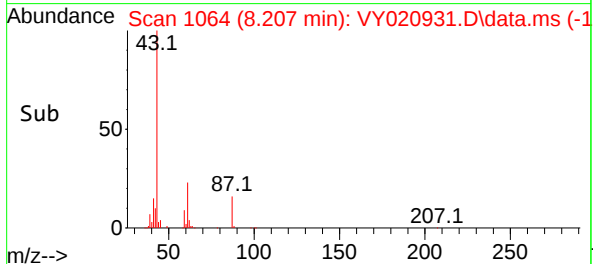
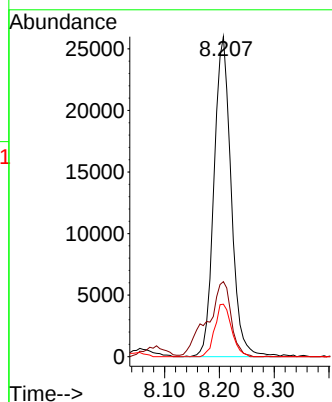
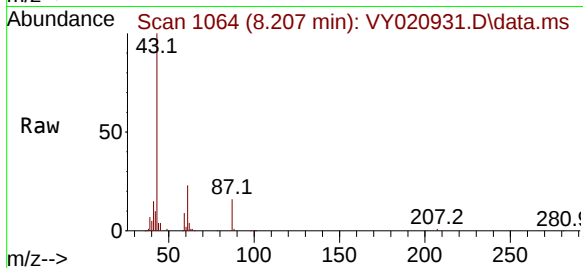
Tgt Ion: 43 Resp: 56326

Ion Ratio Lower Upper

43 100

61 32.6 26.0 39.0

87 16.1 12.4 18.6



#44

Trichloroethene

Concen: 20.439 ug/l

RT: 8.872 min Scan# 1173

Delta R.T. -0.006 min

Lab File: VY020931.D

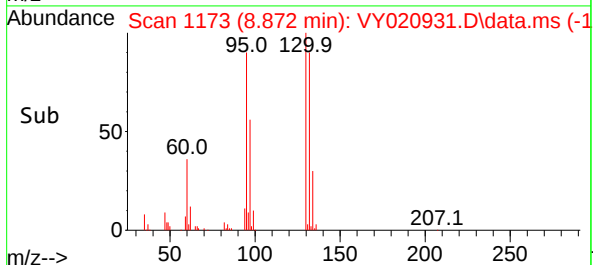
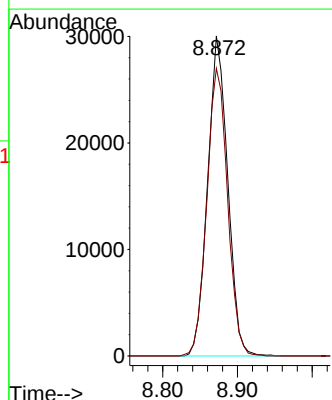
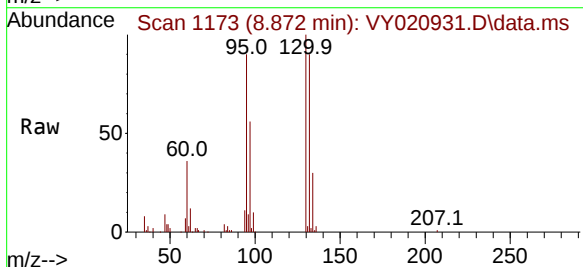
Acq: 24 Jan 2025 15:36

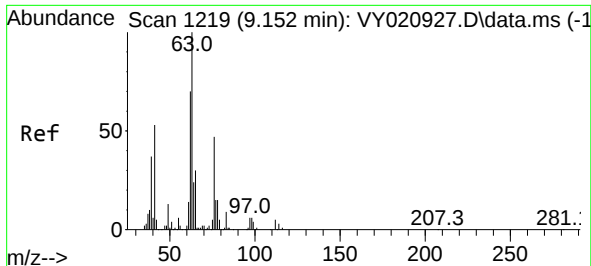
Tgt Ion:130 Resp: 56209

Ion Ratio Lower Upper

130 100

95 89.8 0.0 189.4





#45

1,2-Dichloropropane

Concen: 20.564 ug/l

RT: 9.152 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

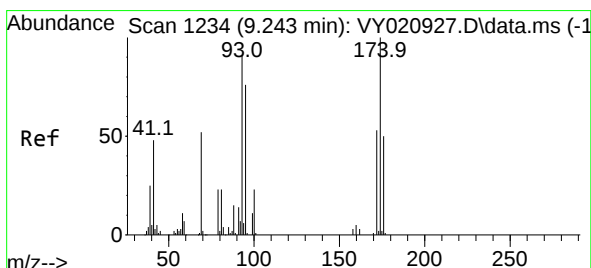
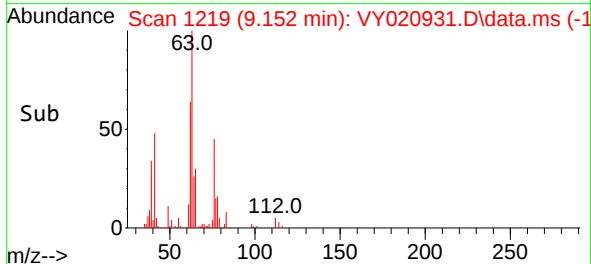
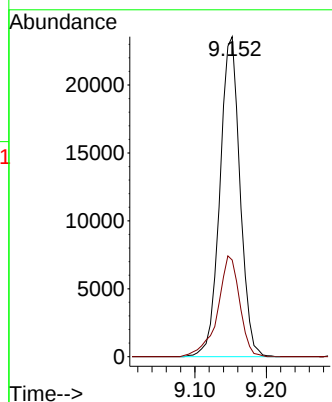
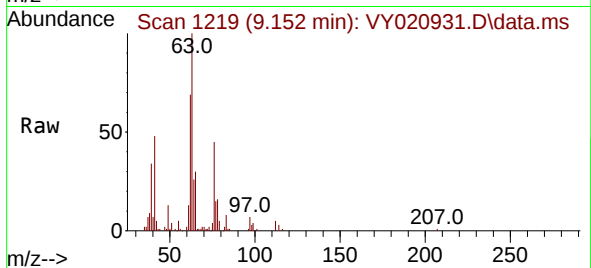
VSTDIC020

Tgt Ion: 63 Resp: 45949

Ion Ratio Lower Upper

63 100

65 30.2 23.9 35.9



#46

Dibromomethane

Concen: 21.044 ug/l

RT: 9.238 min Scan# 1233

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

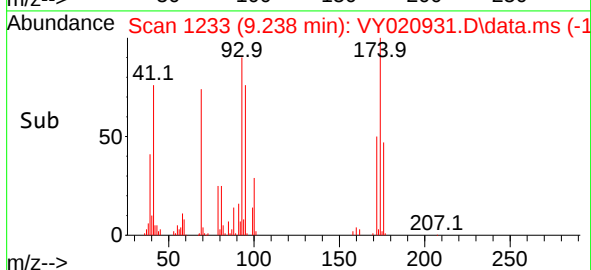
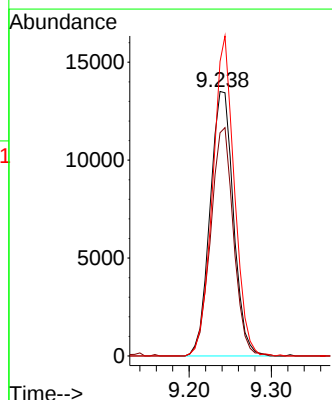
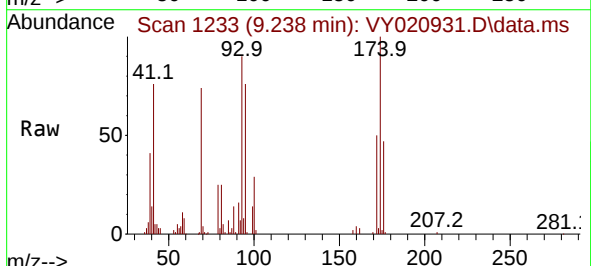
Tgt Ion: 93 Resp: 26732

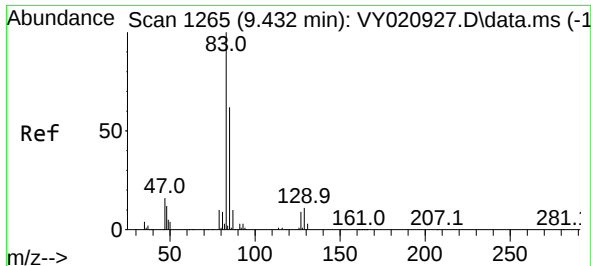
Ion Ratio Lower Upper

93 100

95 83.9 66.2 99.2

174 112.2 87.0 130.4

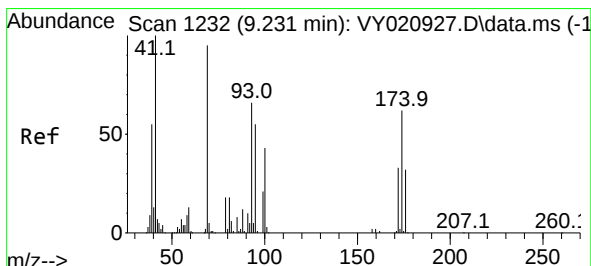
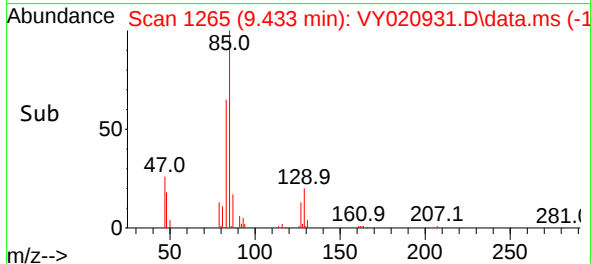
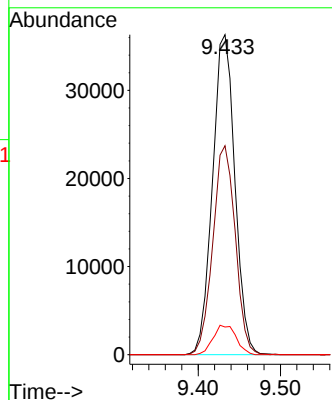
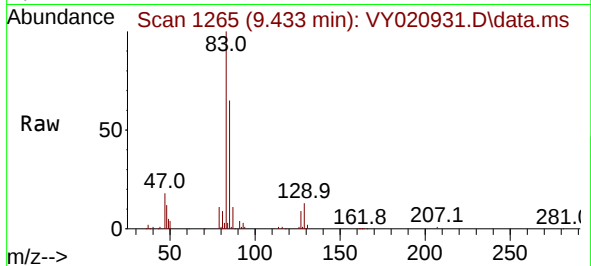




#47
Bromodichloromethane
Concen: 20.301 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

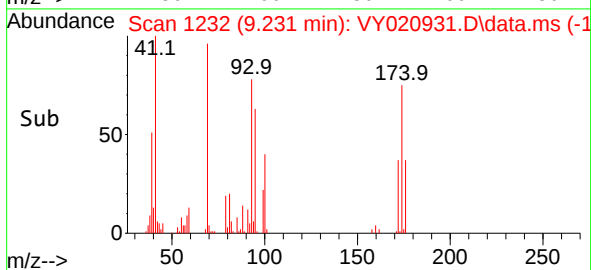
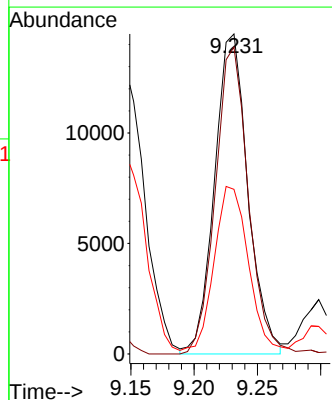
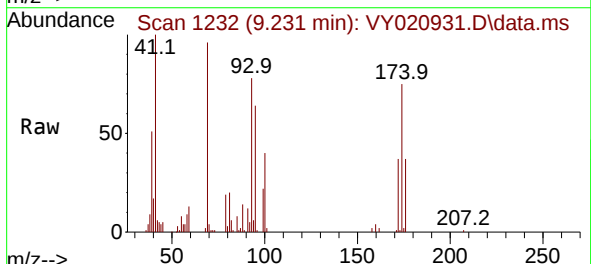
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

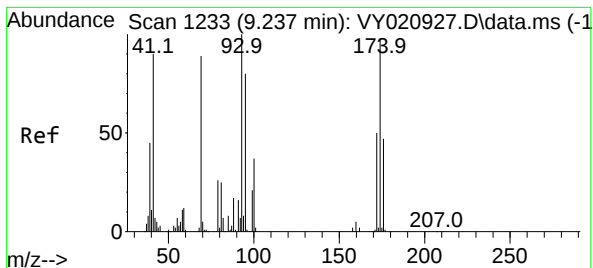
Tgt Ion: 83 Resp: 68617
Ion Ratio Lower Upper
83 100
85 65.3 49.3 73.9
127 8.7 7.4 11.0



#48
Methyl methacrylate
Concen: 22.174 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 41 Resp: 26554
Ion Ratio Lower Upper
41 100
69 95.4 77.0 115.4
39 52.4 41.1 61.7





#49

1,4-Dioxane

Concen: 445.582 ug/l

RT: 9.244 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

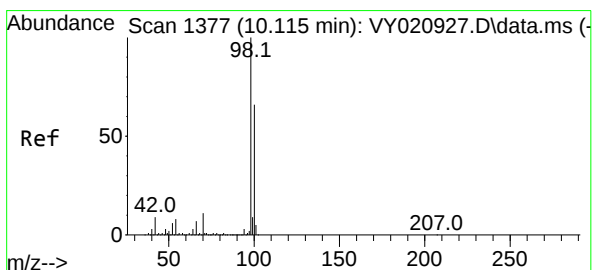
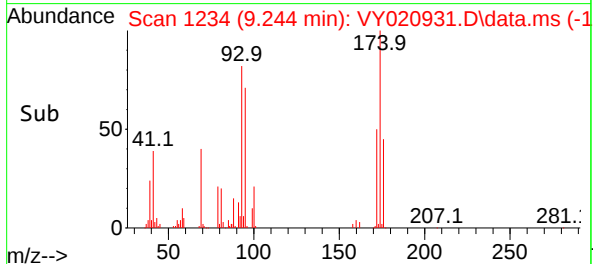
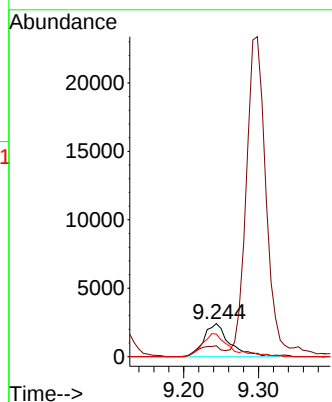
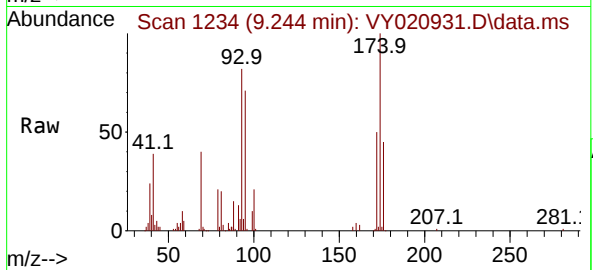
Tgt Ion: 88 Resp: 5828

Ion Ratio Lower Upper

88 100

43 30.4 23.1 34.7

58 74.2 49.0 73.6#



#50

Toluene-d8

Concen: 20.137 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020931.D

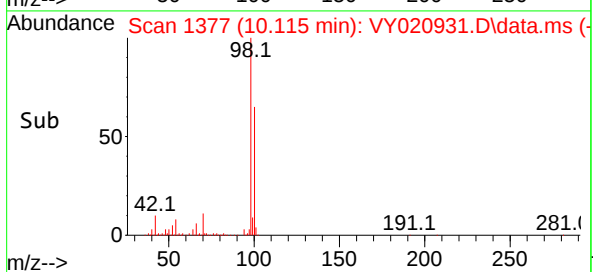
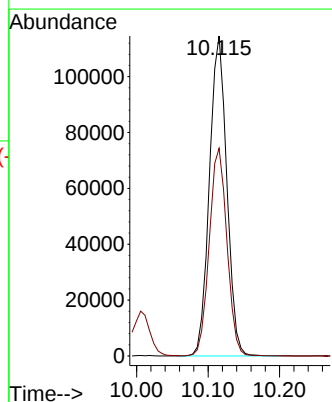
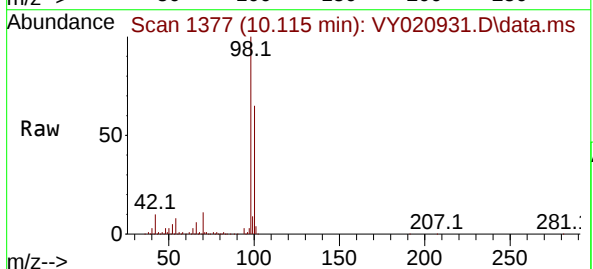
Acq: 24 Jan 2025 15:36

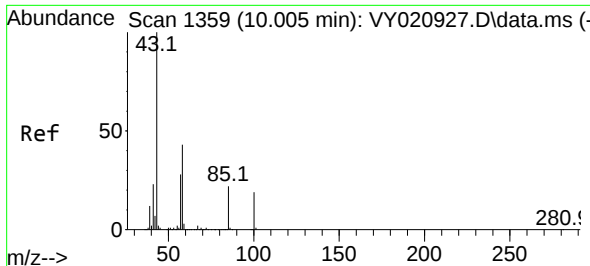
Tgt Ion: 98 Resp: 193034

Ion Ratio Lower Upper

98 100

100 65.9 52.3 78.5

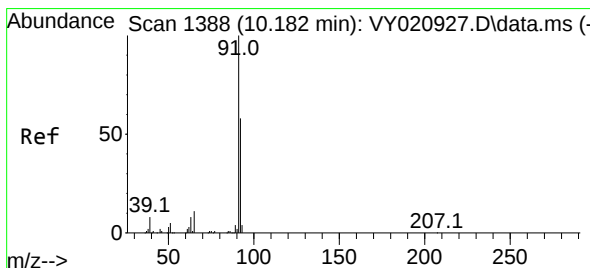
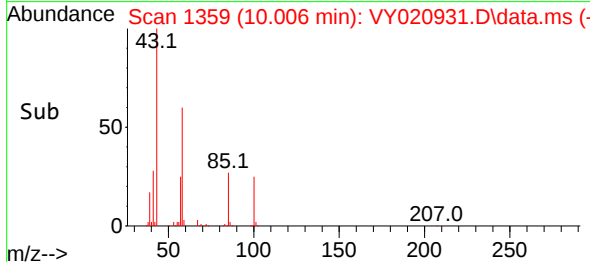
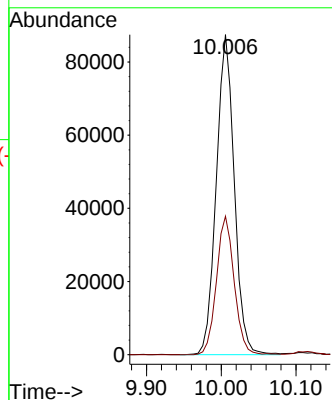
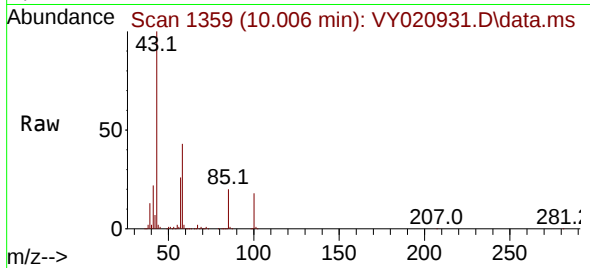




#51
4-Methyl-2-Pentanone
Concen: 114.497 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

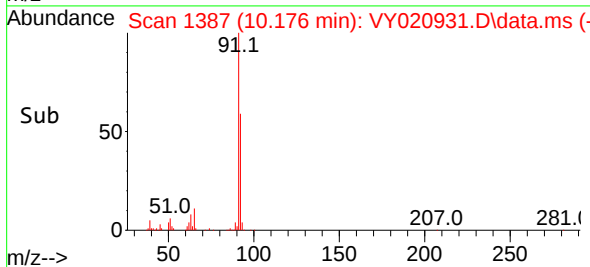
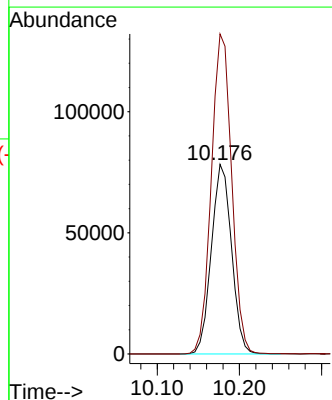
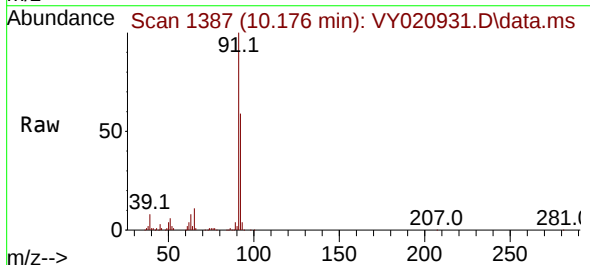
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

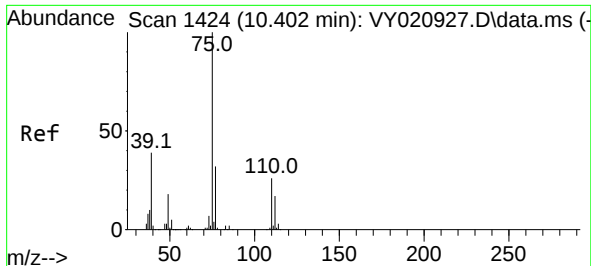
Tgt Ion: 43 Resp: 146557
Ion Ratio Lower Upper
43 100
58 42.8 33.7 50.5



#52
Toluene
Concen: 20.466 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 92 Resp: 133243
Ion Ratio Lower Upper
92 100
91 170.7 137.3 205.9

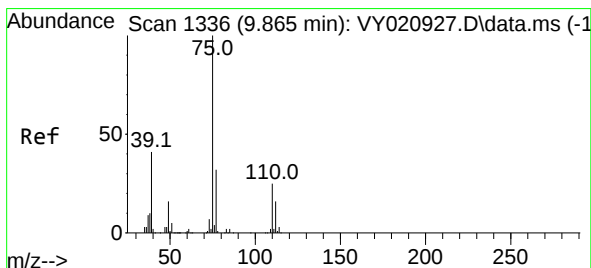
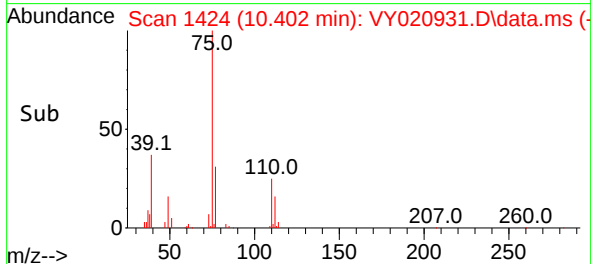
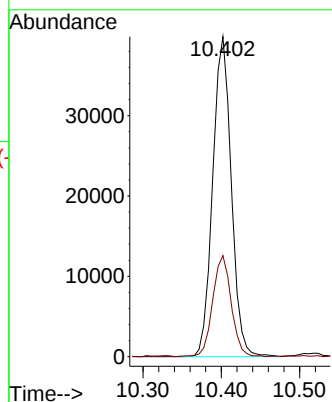
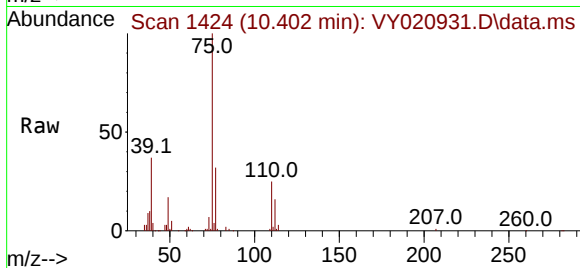




#53
t-1,3-Dichloropropene
Concen: 21.182 ug/l
RT: 10.402 min Scan# 1424
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

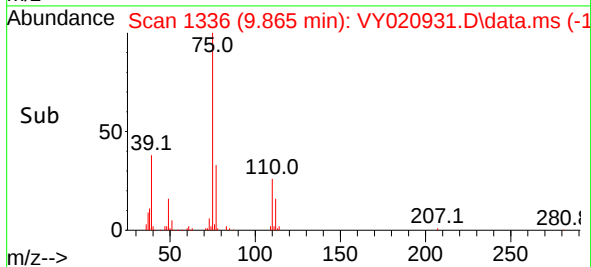
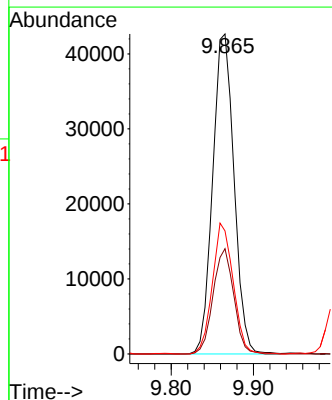
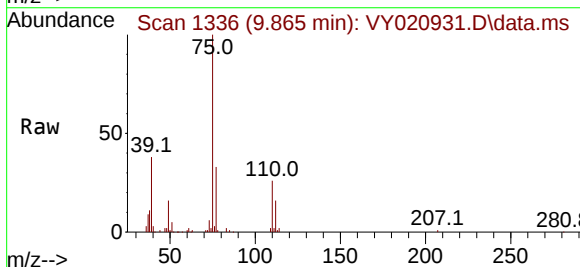
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

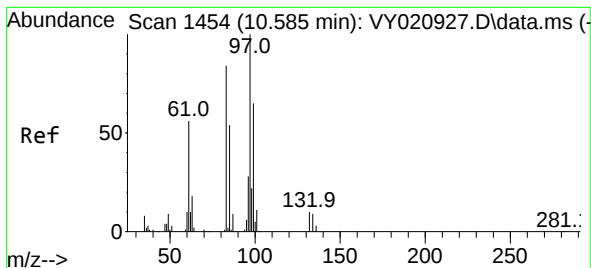
Tgt Ion: 75 Resp: 65647
Ion Ratio Lower Upper
75 100
77 31.4 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 20.774 ug/l
RT: 9.865 min Scan# 1336
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 75 Resp: 76874
Ion Ratio Lower Upper
75 100
77 32.9 25.7 38.5
39 38.4 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 21.749 ug/l

RT: 10.579 min Scan# 1453

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 37345

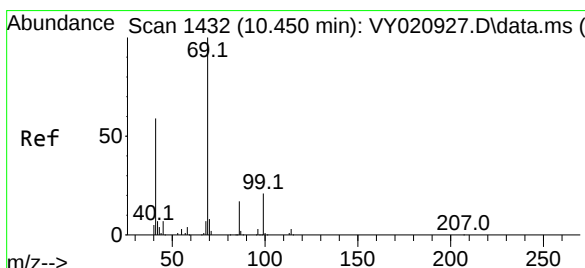
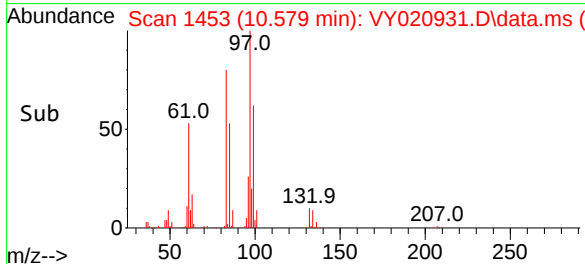
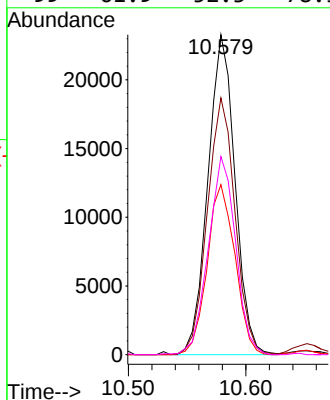
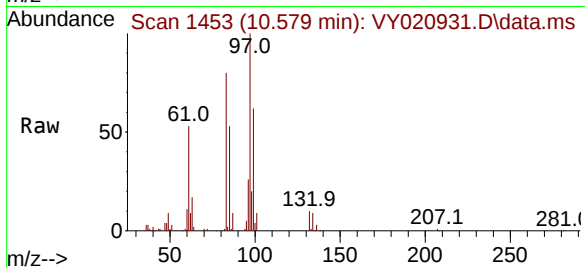
Ion Ratio Lower Upper

97 100

83 80.0 67.0 100.6

85 53.2 43.1 64.7

99 61.9 52.3 78.5



#56

Ethyl methacrylate

Concen: 22.249 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

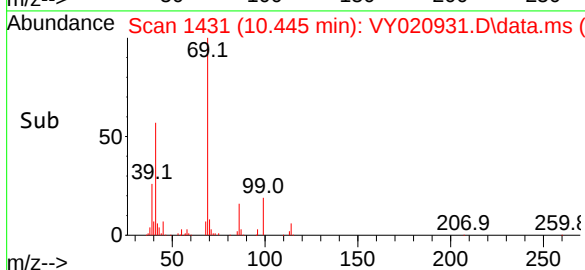
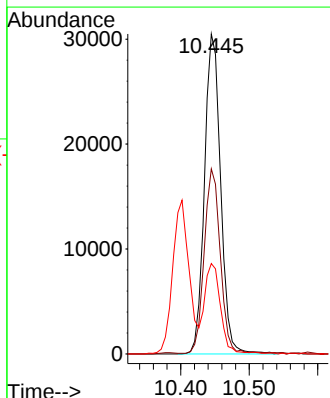
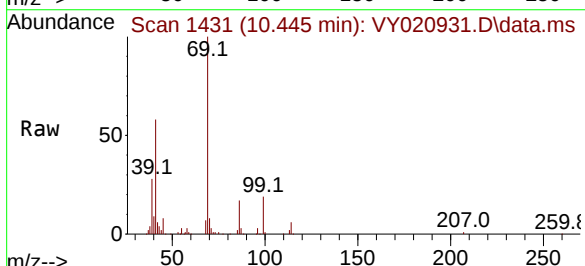
Tgt Ion: 69 Resp: 50068

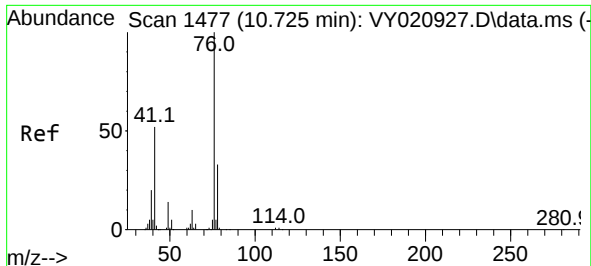
Ion Ratio Lower Upper

69 100

41 57.1 46.6 70.0

39 27.3 23.9 35.9





#57

1,3-Dichloropropane

Concen: 21.478 ug/l

RT: 10.725 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

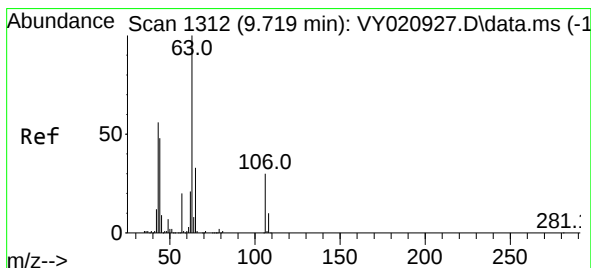
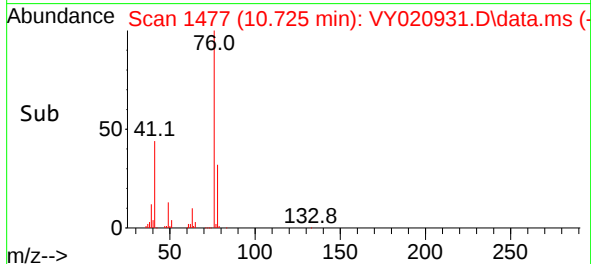
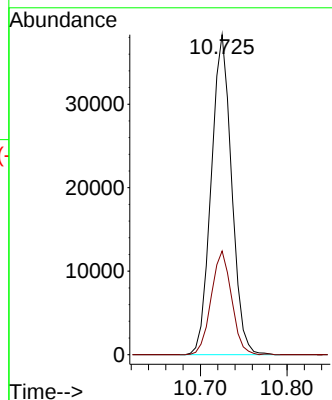
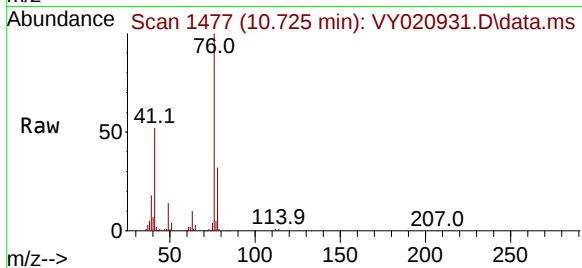
VSTDICC020

Tgt Ion: 76 Resp: 62652

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 110.326 ug/l

RT: 9.719 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VY020931.D

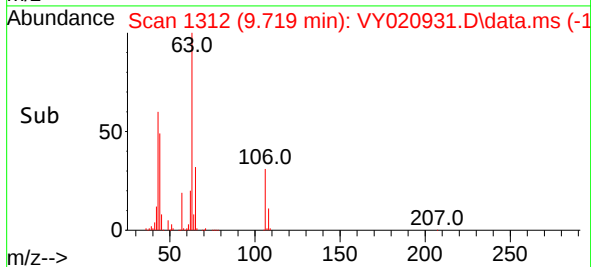
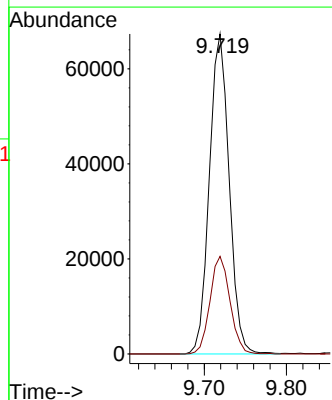
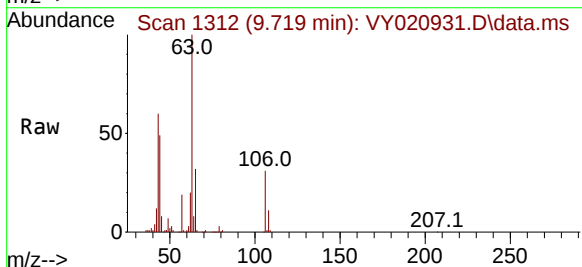
Acq: 24 Jan 2025 15:36

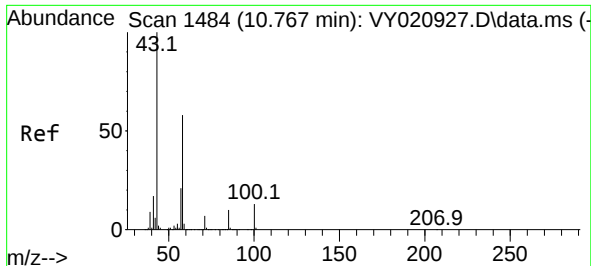
Tgt Ion: 63 Resp: 112684

Ion Ratio Lower Upper

63 100

106 30.8 24.7 37.1

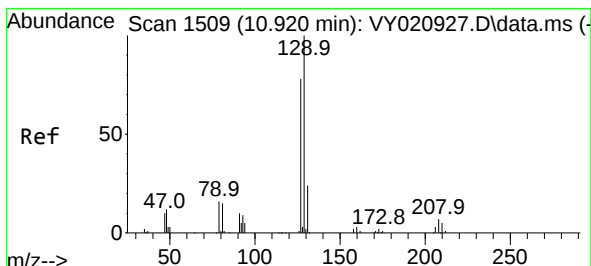
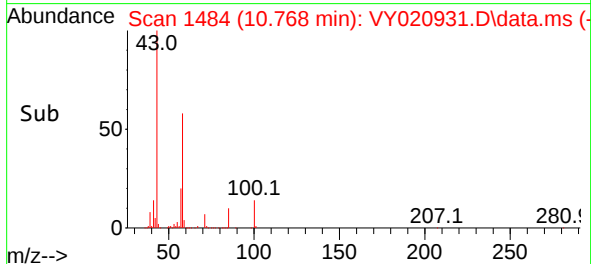
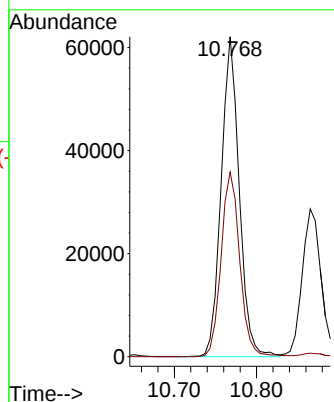
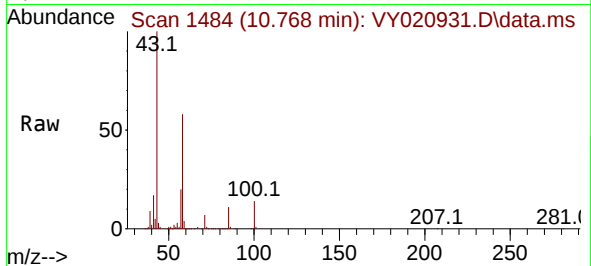




#59
2-Hexanone
Concen: 115.076 ug/l
RT: 10.768 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

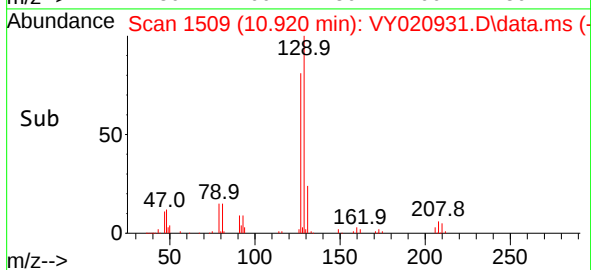
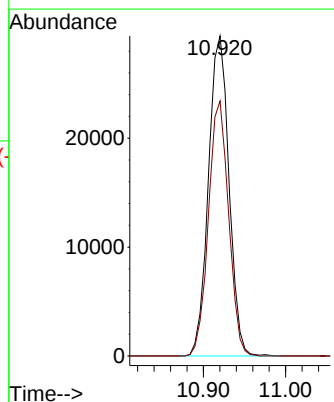
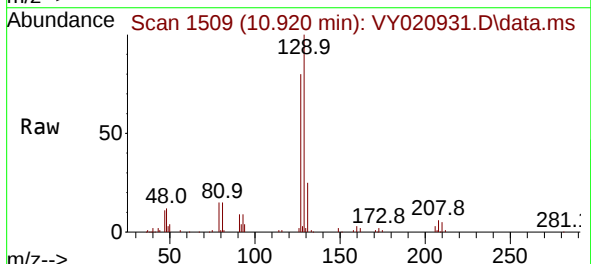
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

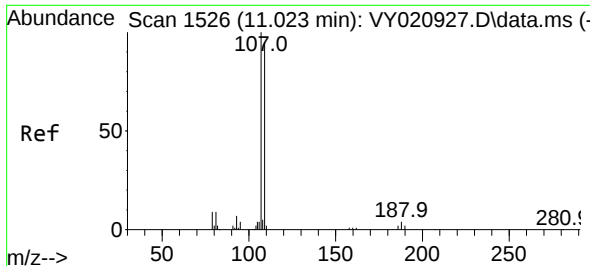
Tgt Ion: 43 Resp: 94718
Ion Ratio Lower Upper
43 100
58 59.6 29.9 89.8



#60
Dibromochloromethane
Concen: 21.114 ug/l
RT: 10.920 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 129 Resp: 51025
Ion Ratio Lower Upper
129 100
127 78.3 39.2 117.6

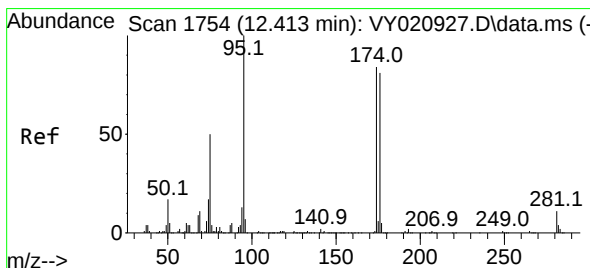
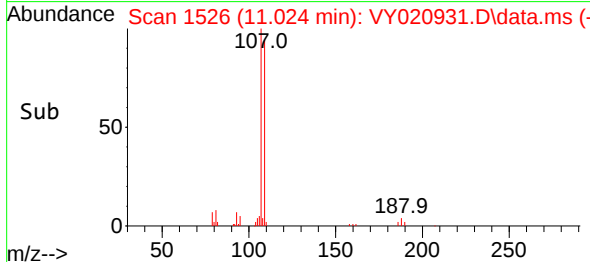
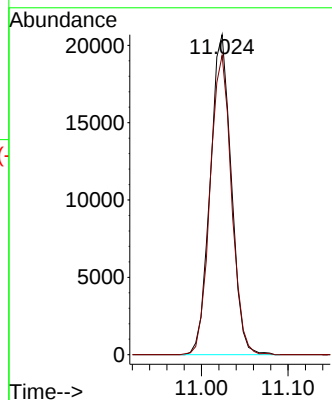
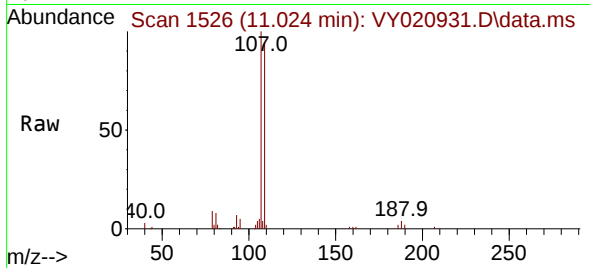




#61
1,2-Dibromoethane
Concen: 21.308 ug/l
RT: 11.024 min Scan# 1526
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

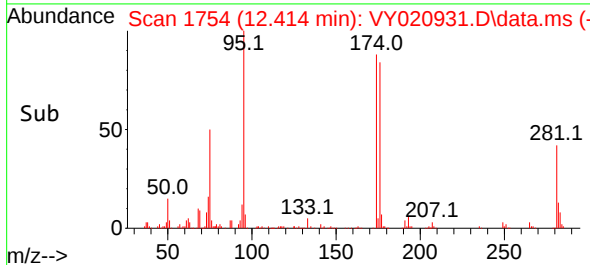
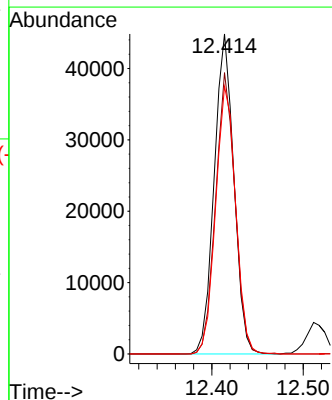
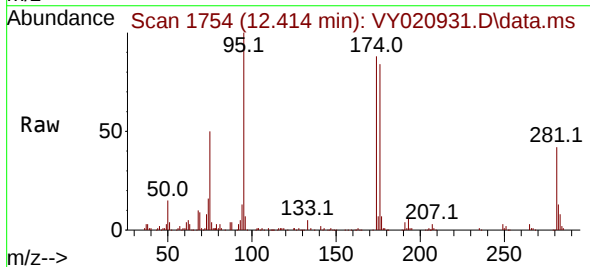
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

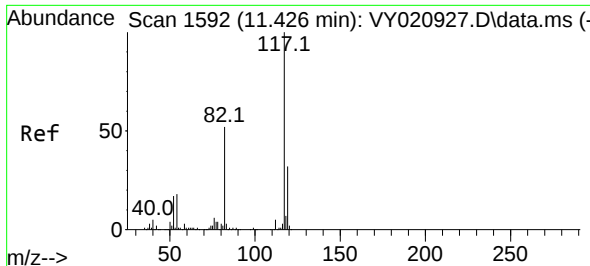
Tgt Ion:107 Resp: 34995
Ion Ratio Lower Upper
107 100
109 94.8 76.3 114.5



#62
4-Bromofluorobenzene
Concen: 21.026 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 95 Resp: 67079
Ion Ratio Lower Upper
95 100
174 86.5 0.0 177.4
176 85.2 0.0 172.2

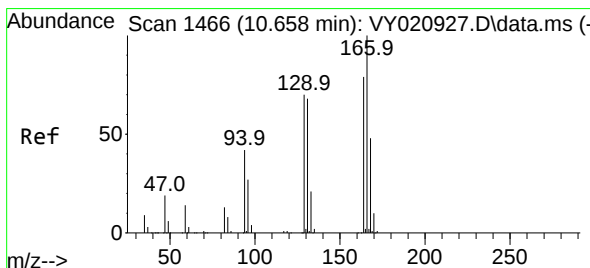
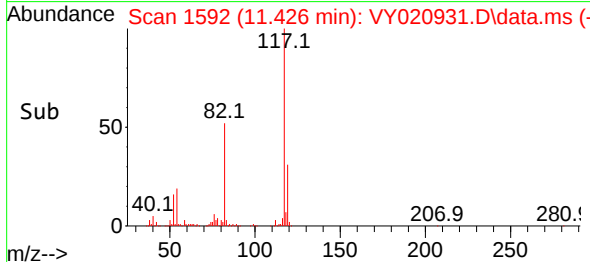
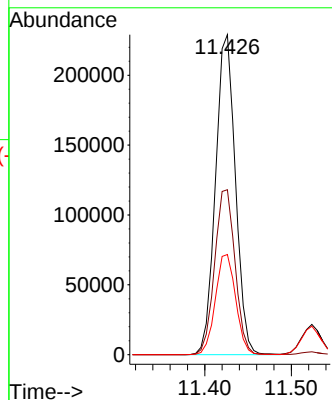
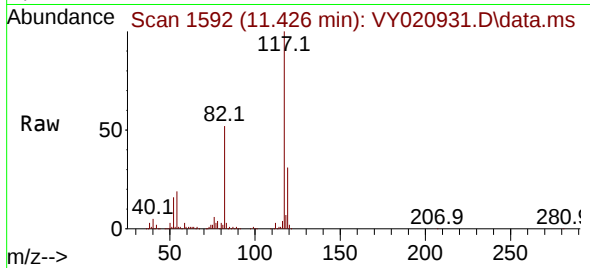




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

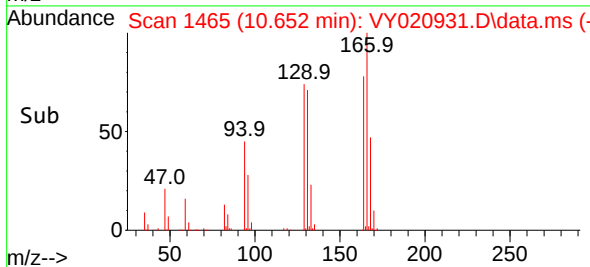
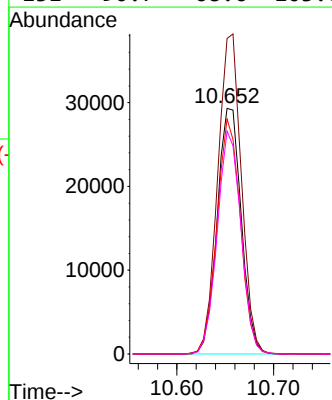
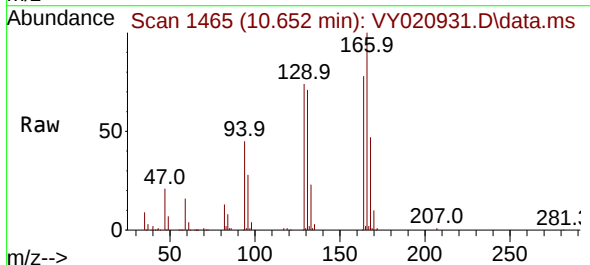
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

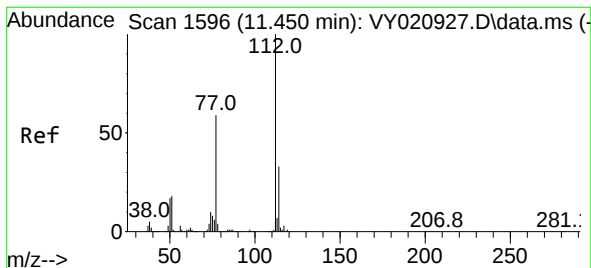
Tgt Ion:117 Resp: 365613
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 31.3 26.0 39.0



#64
Tetrachloroethene
Concen: 19.976 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion:164 Resp: 50827
Ion Ratio Lower Upper
164 100
166 128.4 101.0 151.6
129 95.6 70.8 106.2
131 90.7 68.6 103.0





#65

Chlorobenzene

Concen: 20.264 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

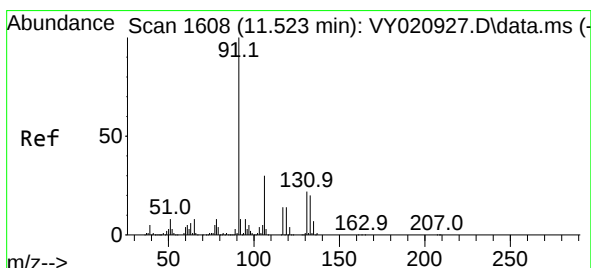
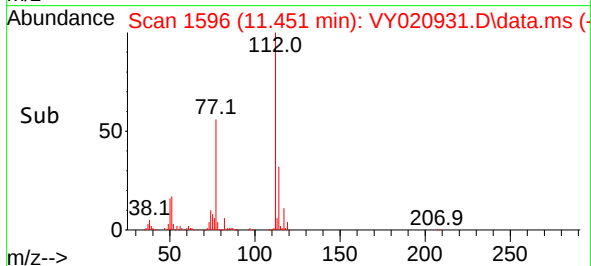
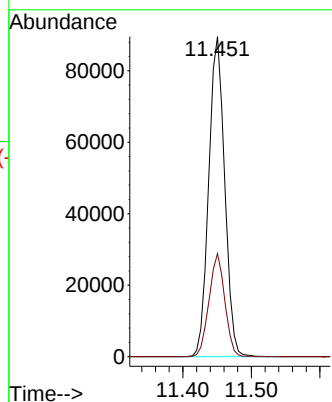
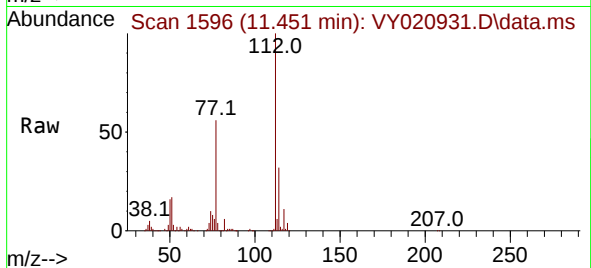
VSTDICC020

Tgt Ion:112 Resp: 144883

Ion Ratio Lower Upper

112 100

114 32.2 26.0 39.0



#66

1,1,1,2-Tetrachloroethane

Concen: 20.589 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

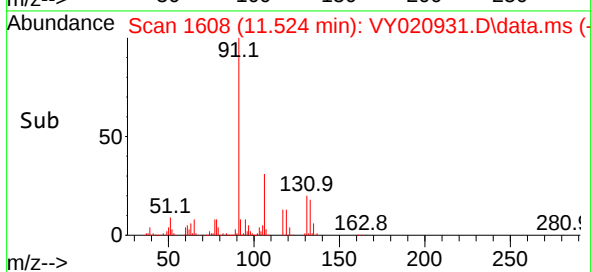
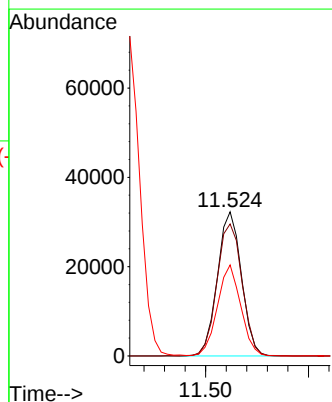
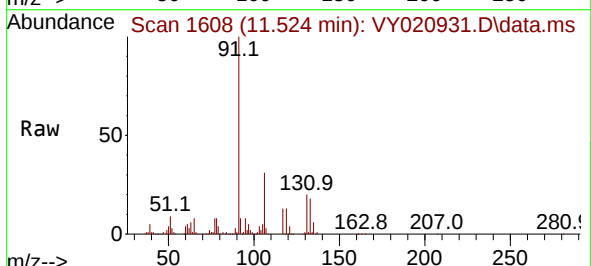
Tgt Ion:131 Resp: 52308

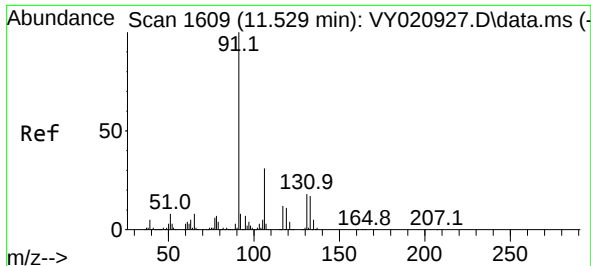
Ion Ratio Lower Upper

131 100

133 96.1 47.5 142.6

119 61.5 31.2 93.6





#67

Ethyl Benzene

Concen: 20.181 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

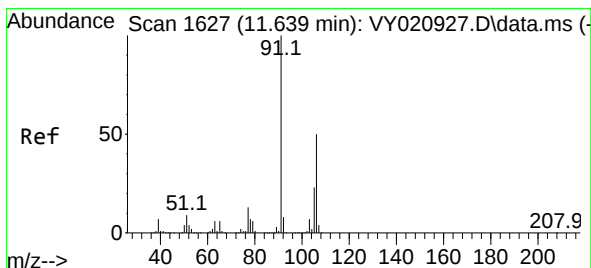
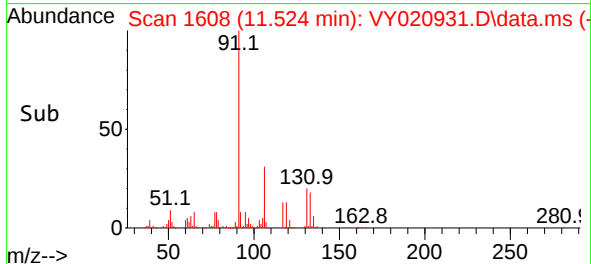
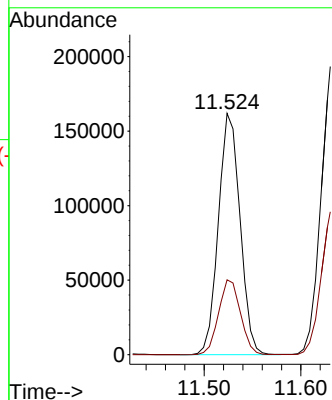
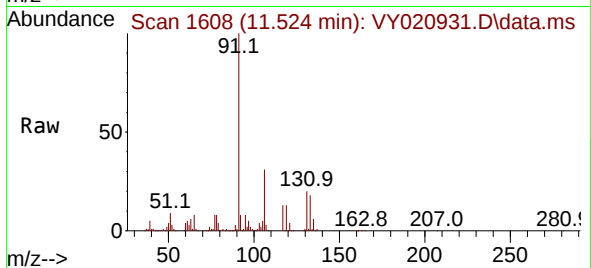
VSTDIC020

Tgt Ion: 91 Resp: 251776

Ion Ratio Lower Upper

91 100

106 31.0 25.2 37.8



#68

m/p-Xylenes

Concen: 40.816 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.006 min

Lab File: VY020931.D

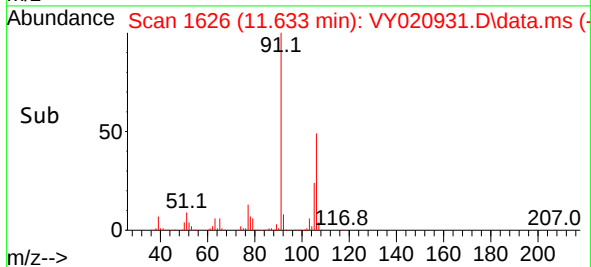
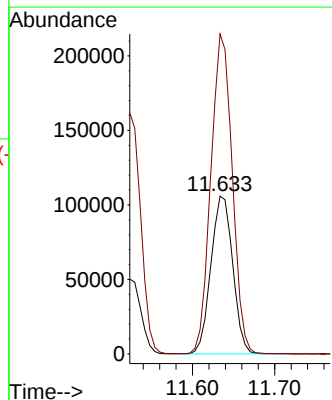
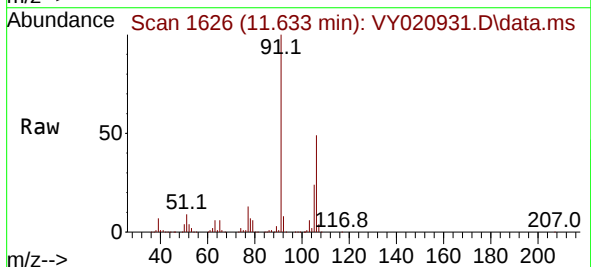
Acq: 24 Jan 2025 15:36

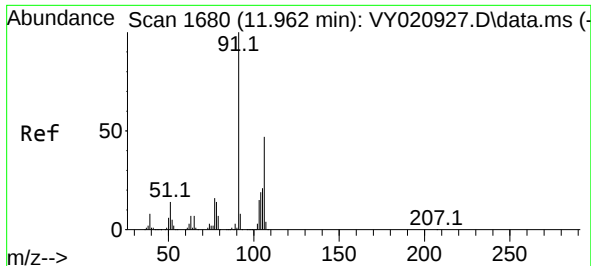
Tgt Ion: 106 Resp: 194981

Ion Ratio Lower Upper

106 100

91 199.5 159.5 239.3

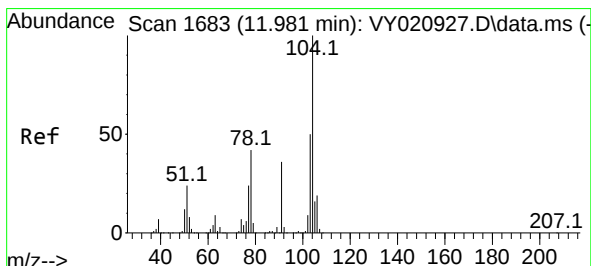
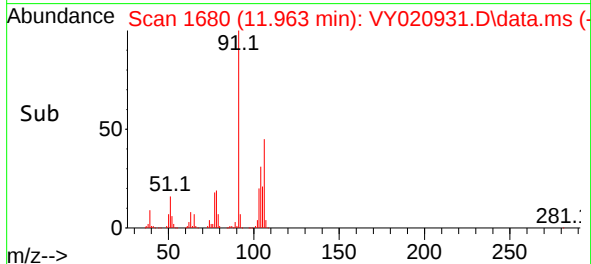
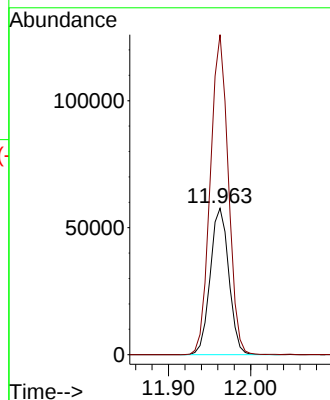
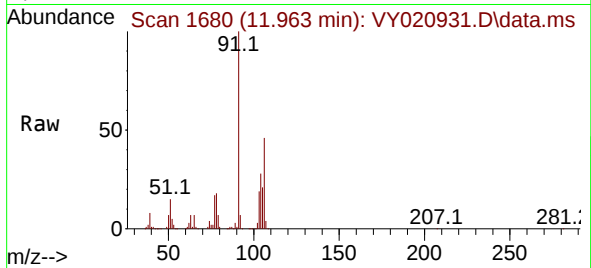




#69
o-Xylene
Concen: 20.296 ug/l
RT: 11.963 min Scan# 1196
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

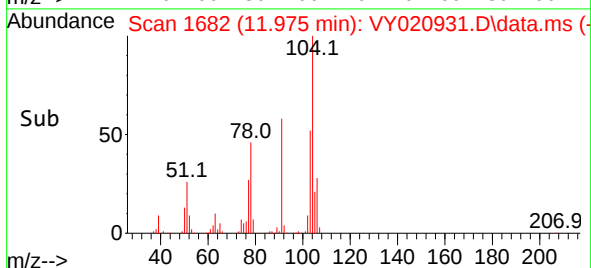
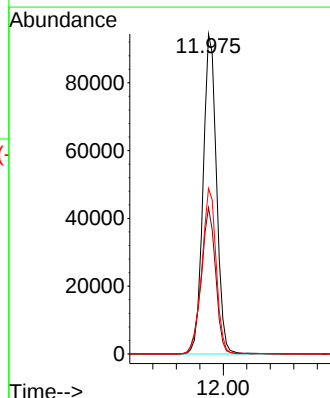
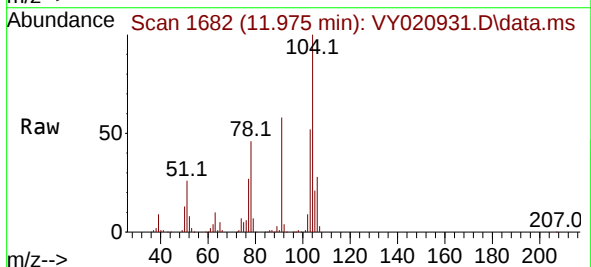
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

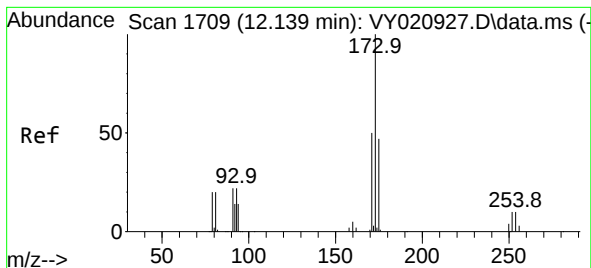
Tgt Ion:106 Resp: 90565
Ion Ratio Lower Upper
106 100
91 212.0 105.3 315.9



#70
Styrene
Concen: 20.531 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion:104 Resp: 150141
Ion Ratio Lower Upper
104 100
78 48.6 38.5 57.7
103 55.3 43.4 65.2





#71

Bromoform

Concen: 21.654 ug/l

RT: 12.139 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

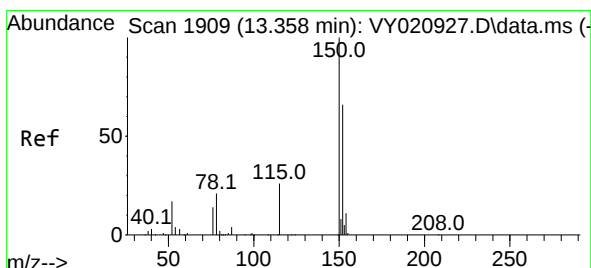
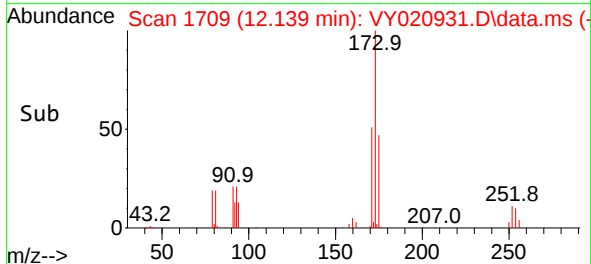
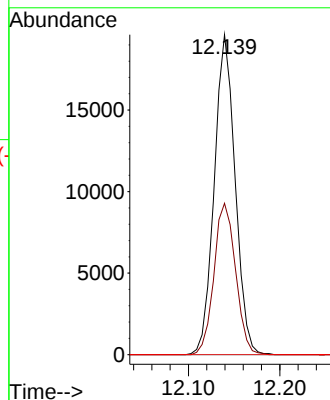
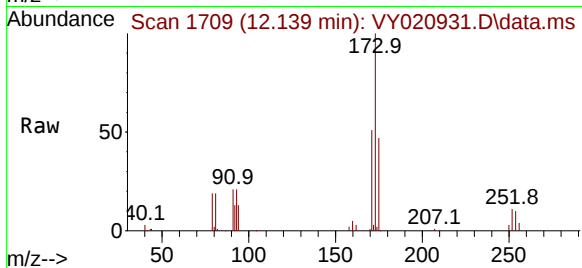
Tgt Ion:173 Resp: 31153

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: VY020931.D

Acq: 24 Jan 2025 15:36

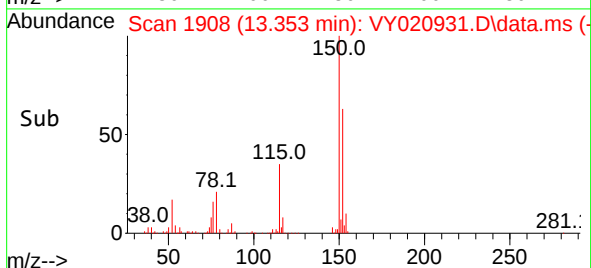
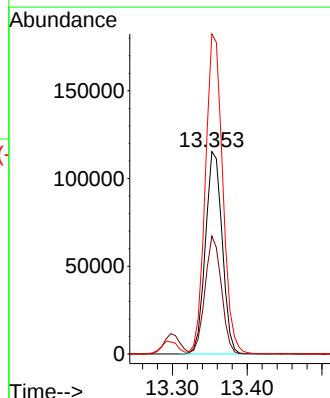
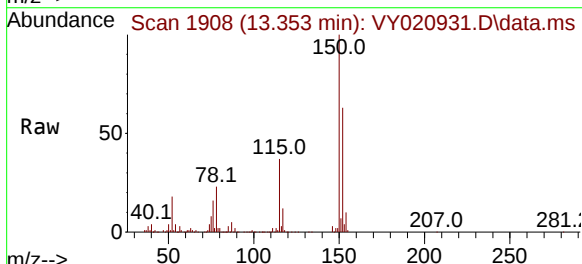
Tgt Ion:152 Resp: 179543

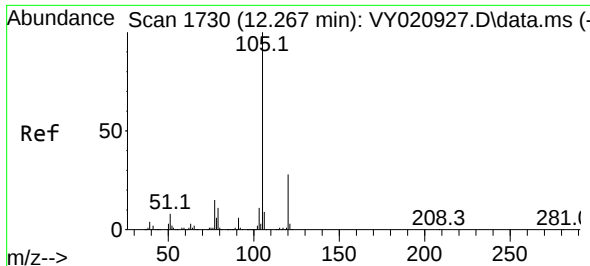
Ion Ratio Lower Upper

152 100

115 56.9 29.0 87.0

150 163.3 0.0 347.6

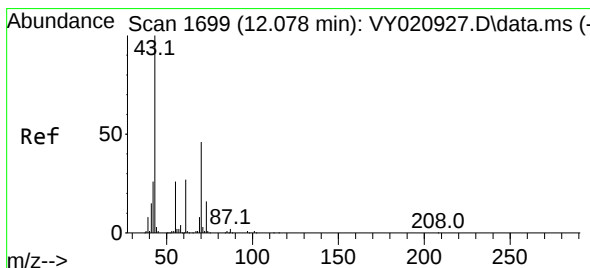
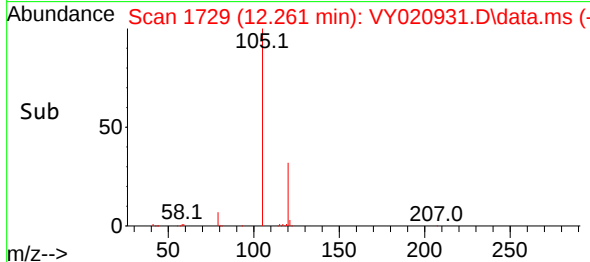
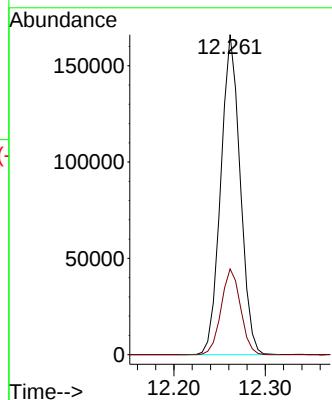
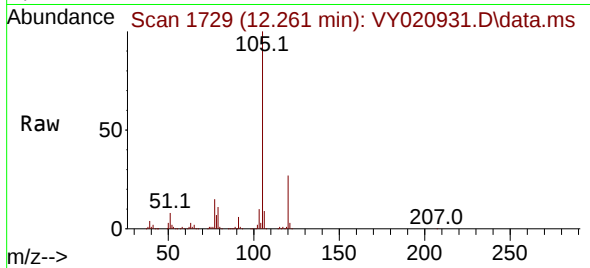




#73
Isopropylbenzene
Concen: 19.880 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

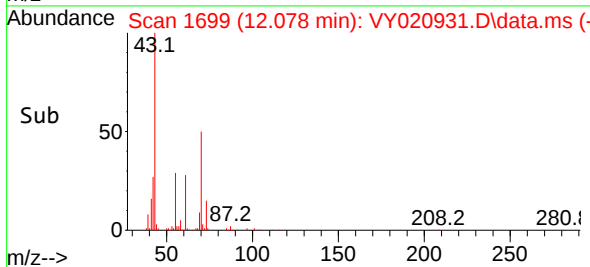
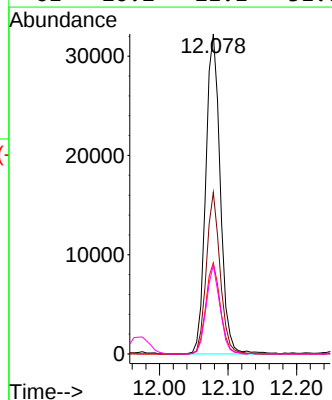
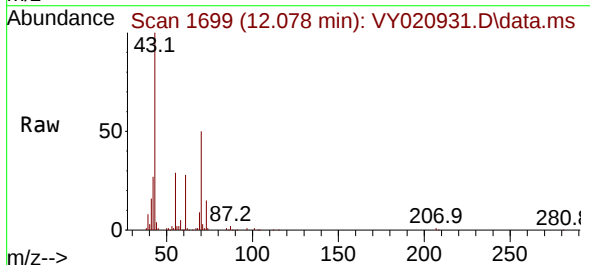
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

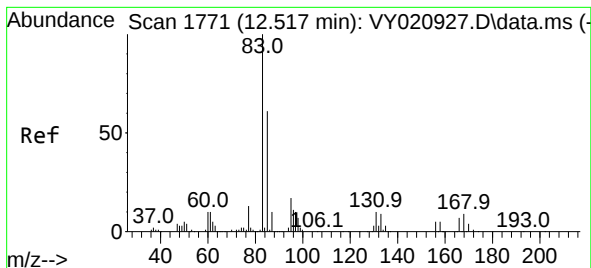
Tgt Ion:105 Resp: 245822
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1



#74
N-ethyl acetate
Concen: 21.636 ug/l
RT: 12.078 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 43 Resp: 47608
Ion Ratio Lower Upper
43 100
70 47.7 38.7 58.1
55 28.4 21.6 32.4
61 26.2 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.540 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

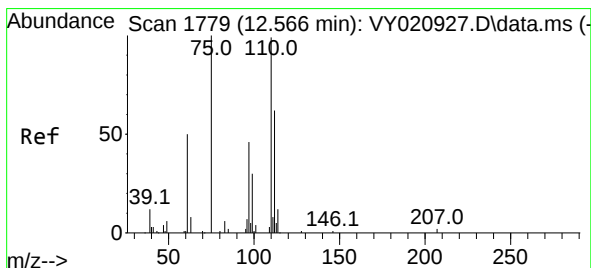
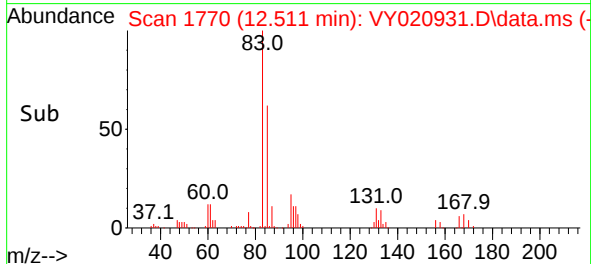
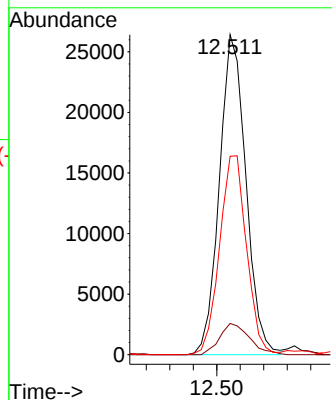
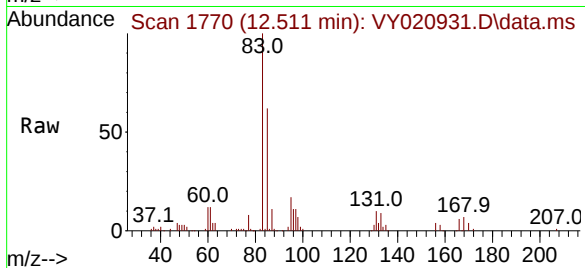
Tgt Ion: 83 Resp: 41442

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 63.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 42.104 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY020931.D

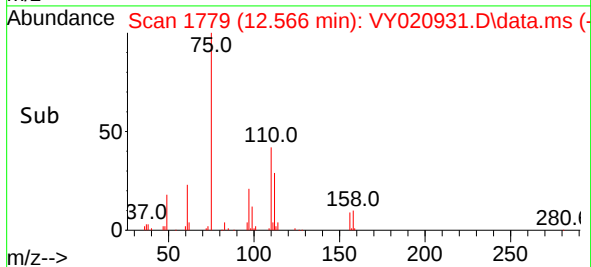
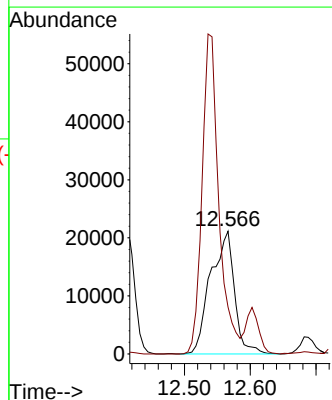
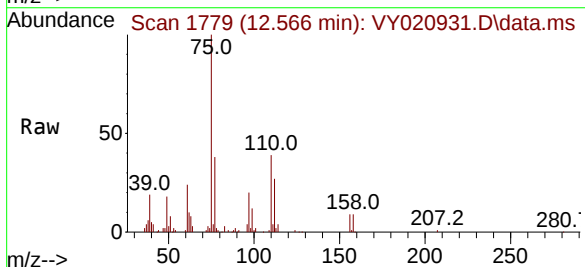
Acq: 24 Jan 2025 15:36

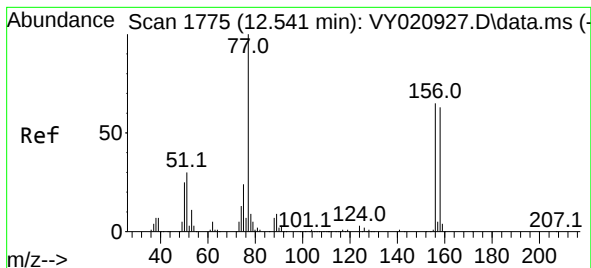
Tgt Ion: 75 Resp: 53449

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.792 ug/l

RT: 12.542 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

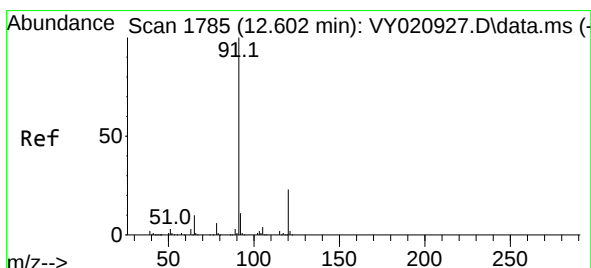
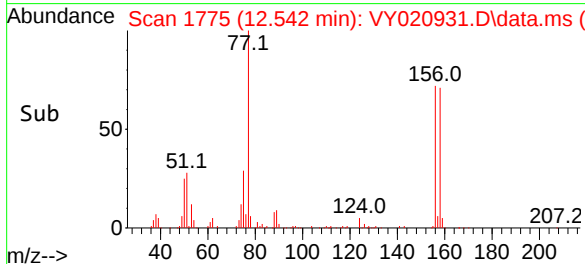
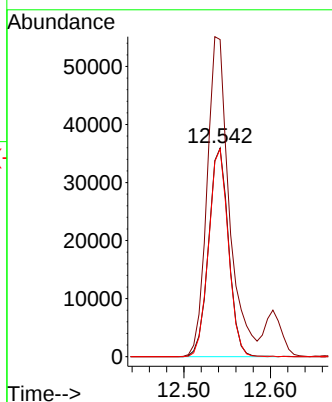
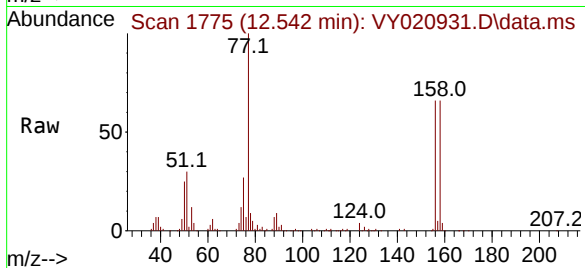
Tgt Ion:156 Resp: 57368

Ion Ratio Lower Upper

156 100

77 170.7 84.4 253.1

158 98.6 48.9 146.6



#78

n-propylbenzene

Concen: 19.742 ug/l

RT: 12.603 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VY020931.D

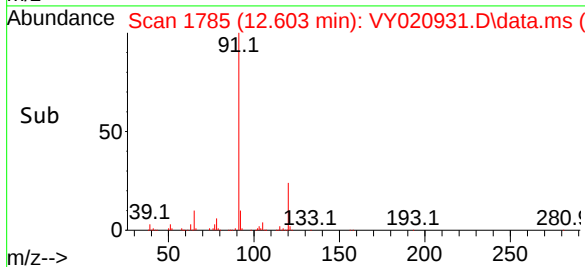
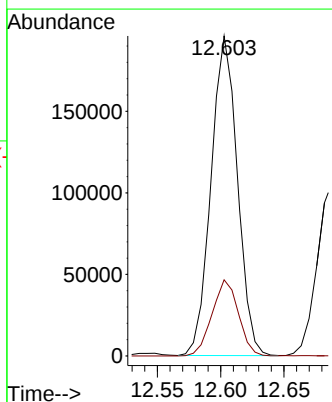
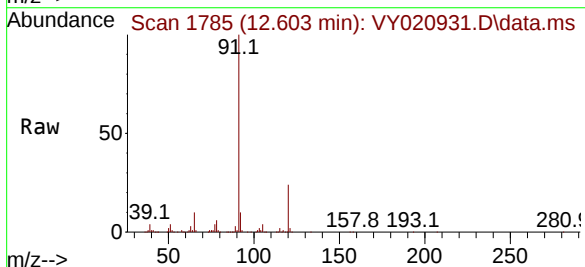
Acq: 24 Jan 2025 15:36

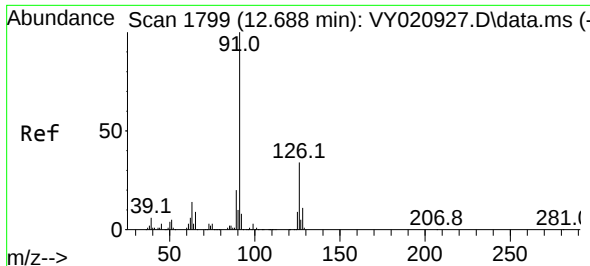
Tgt Ion: 91 Resp: 284362

Ion Ratio Lower Upper

91 100

120 23.8 11.8 35.4

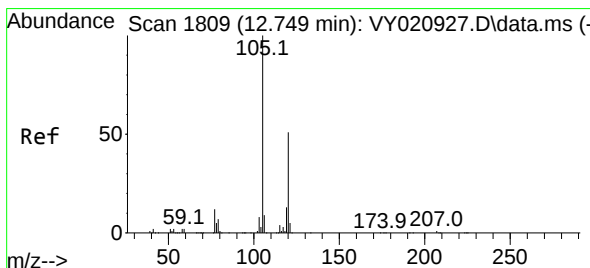
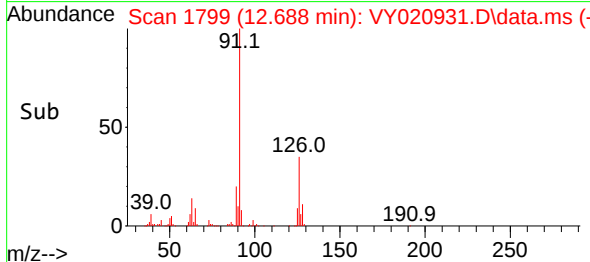
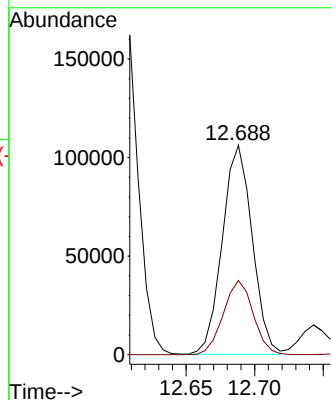
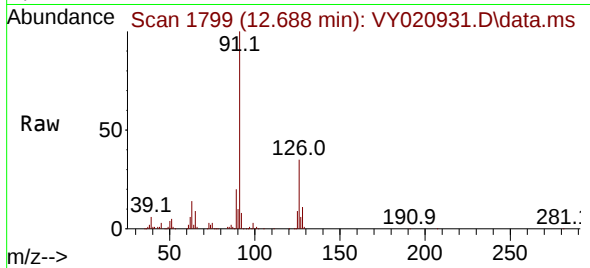




#79
2-Chlorotoluene
Concen: 19.711 ug/l
RT: 12.688 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

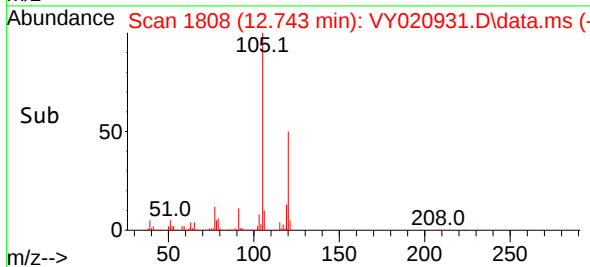
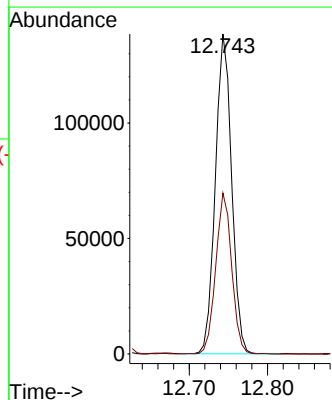
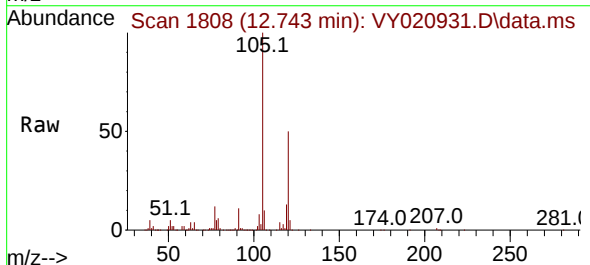
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

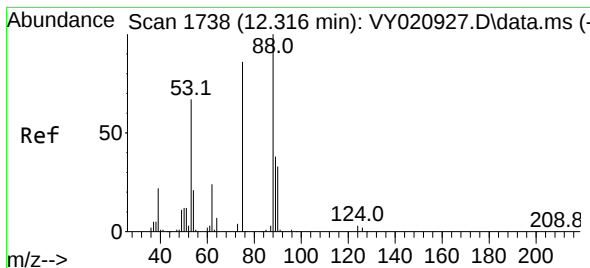
Tgt Ion: 91 Resp: 161030
Ion Ratio Lower Upper
91 100
126 35.5 17.6 52.9



#80
1,3,5-Trimethylbenzene
Concen: 20.096 ug/l
RT: 12.743 min Scan# 1808
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 105 Resp: 199670
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.6

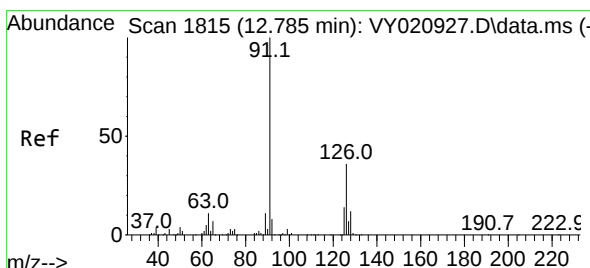
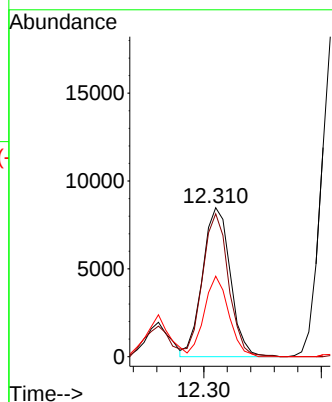
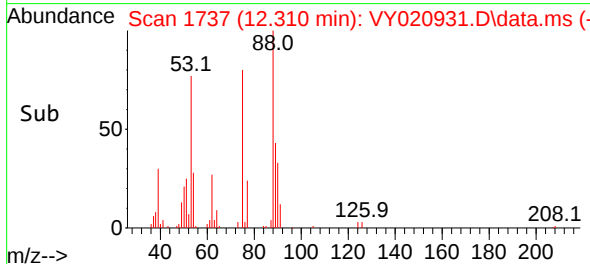
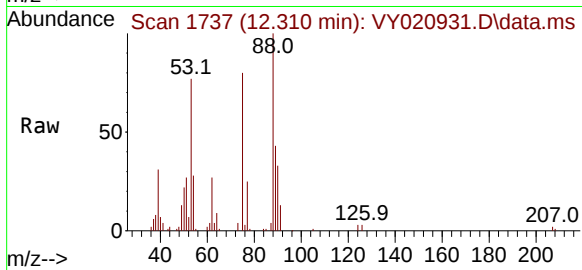




#81
trans-1,4-Dichloro-2-butene
Concen: 21.261 ug/l
RT: 12.310 min Scan# 1737
Delta R.T. -0.006 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

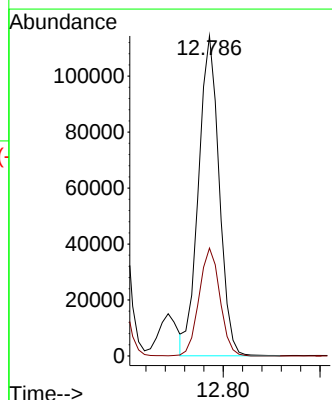
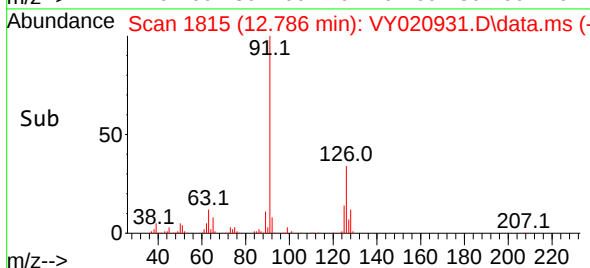
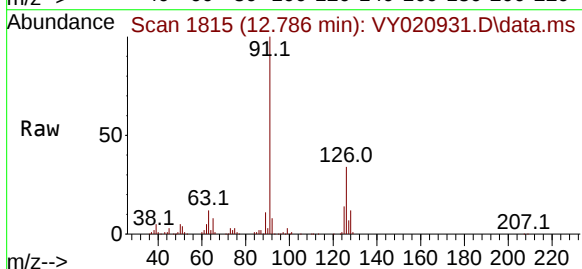
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

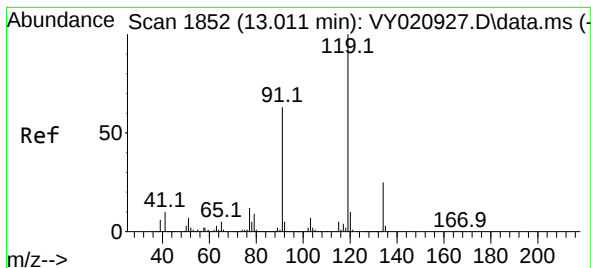
Tgt Ion: 75 Resp: 13970
Ion Ratio Lower Upper
75 100
53 90.2 67.7 101.5
89 47.6 38.4 57.6



#82
4-Chlorotoluene
Concen: 20.292 ug/l
RT: 12.786 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 91 Resp: 169283
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.3





#83

tert-Butylbenzene

Concen: 19.916 ug/l

RT: 13.005 min Scan# 1851

Delta R.T. -0.006 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

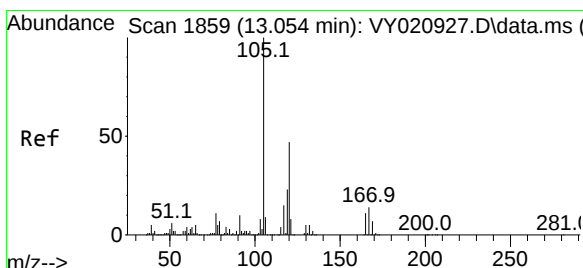
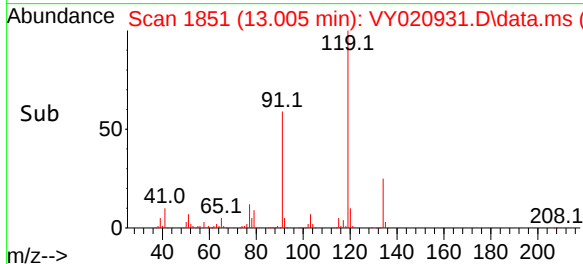
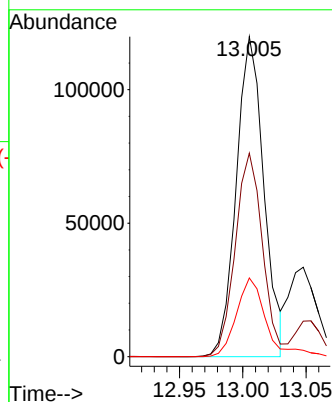
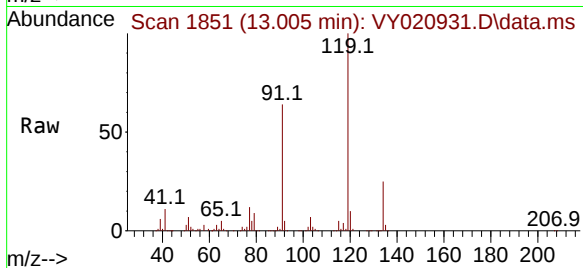
Tgt Ion:119 Resp: 182524

Ion Ratio Lower Upper

119 100

91 62.4 30.9 92.8

134 26.4 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.169 ug/l

RT: 13.054 min Scan# 1859

Delta R.T. 0.000 min

Lab File: VY020931.D

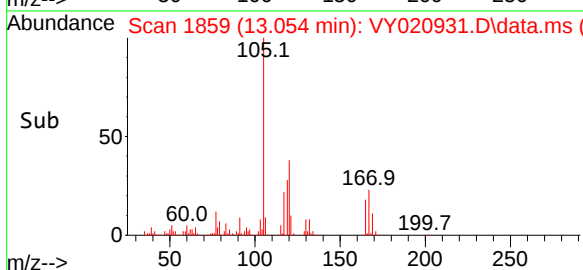
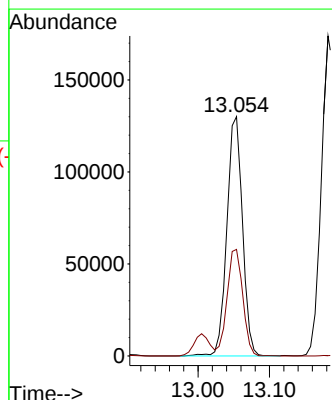
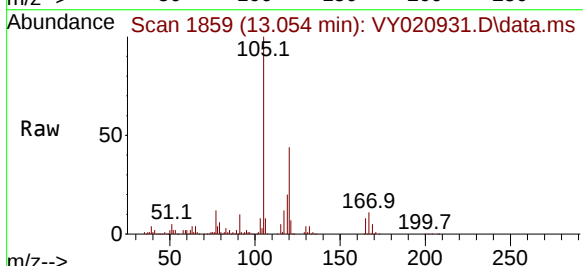
Acq: 24 Jan 2025 15:36

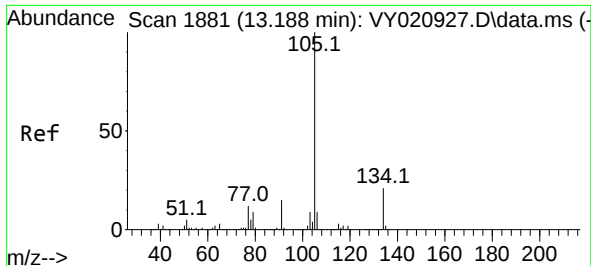
Tgt Ion:105 Resp: 197286

Ion Ratio Lower Upper

105 100

120 44.8 22.9 68.7

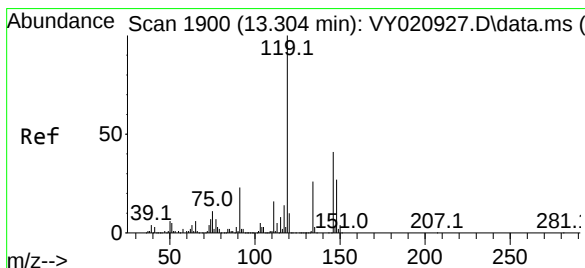
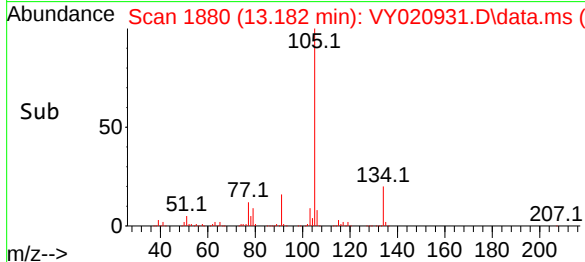
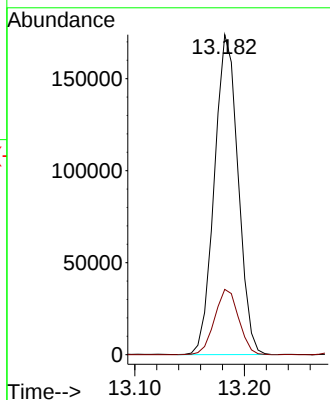
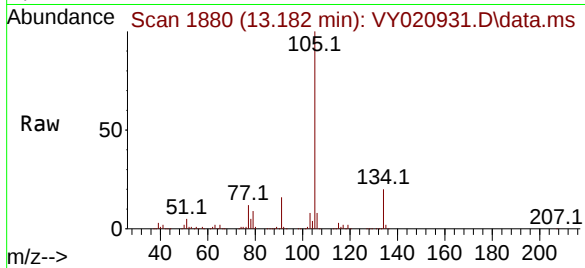




#85
 sec-Butylbenzene
 Concen: 20.008 ug/l
 RT: 13.182 min Scan# 1881
 Delta R.T. -0.006 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

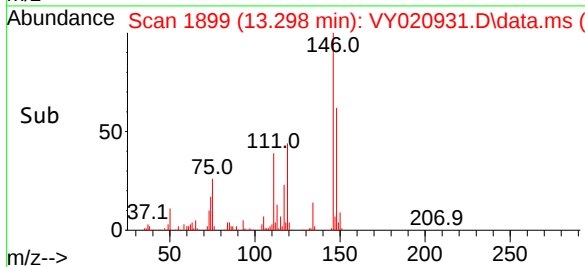
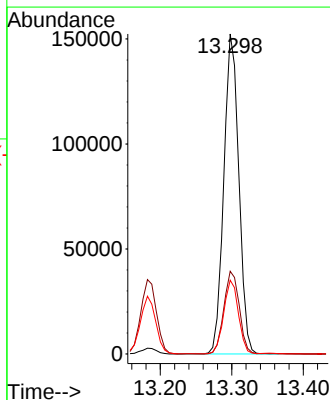
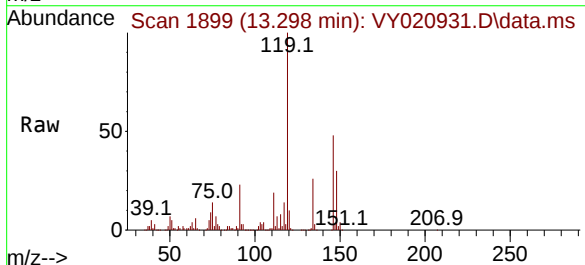
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

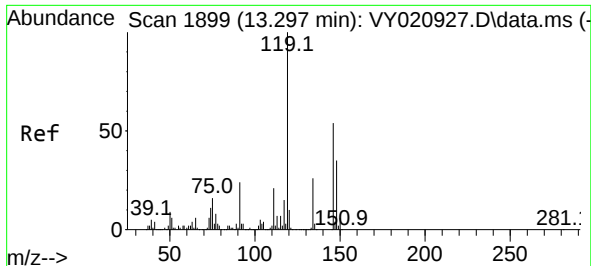
Tgt Ion:105 Resp: 261437
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.4 31.4



#86
 p-Isopropyltoluene
 Concen: 20.122 ug/l
 RT: 13.298 min Scan# 1899
 Delta R.T. -0.006 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

Tgt Ion:119 Resp: 222126
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.3 39.8
 91 22.5 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 20.108 ug/l

RT: 13.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

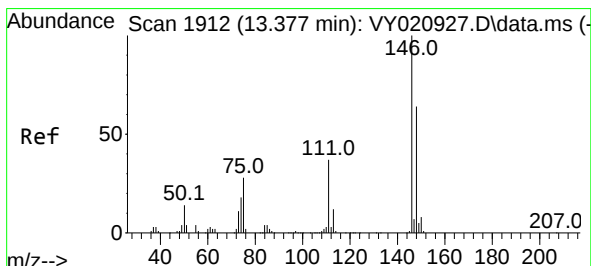
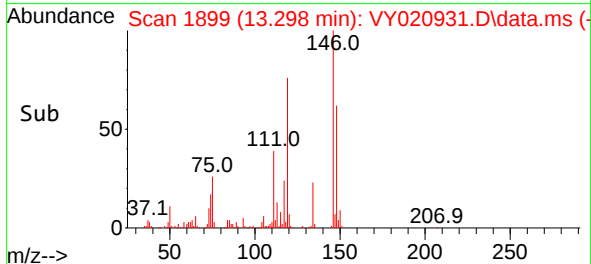
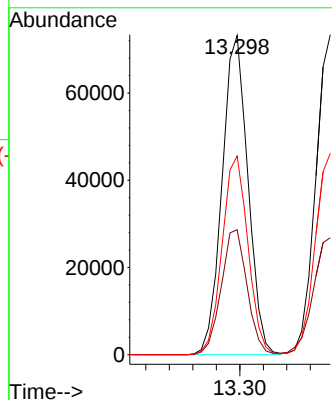
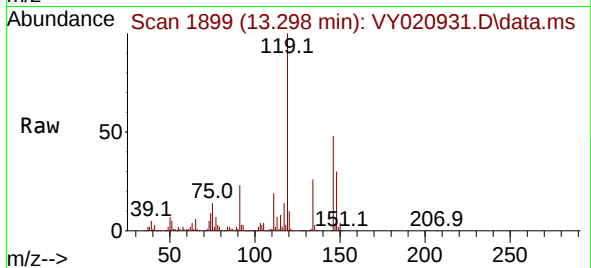
Tgt Ion:146 Resp: 111608

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.2

148 62.3 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 20.066 ug/l

RT: 13.377 min Scan# 1912

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

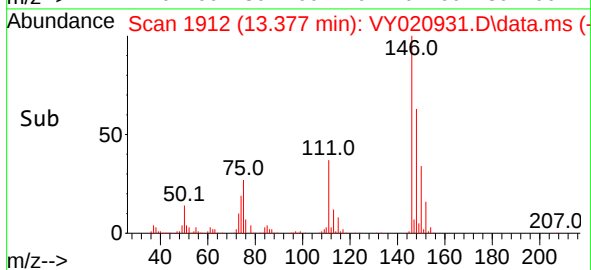
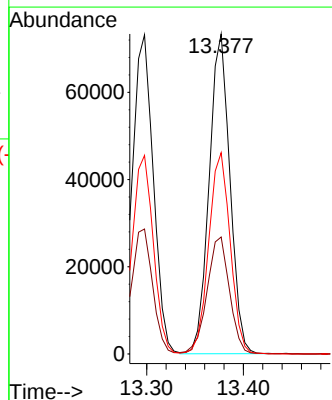
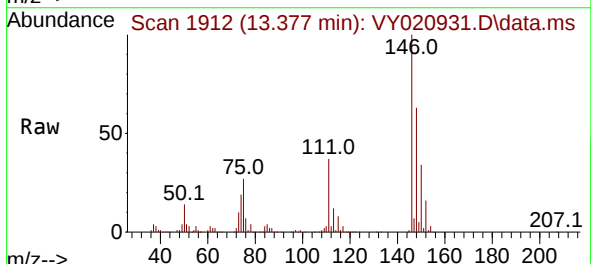
Tgt Ion:146 Resp: 109409

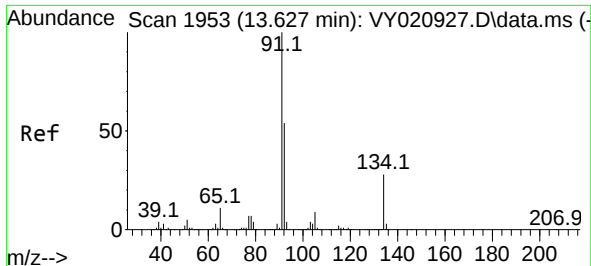
Ion Ratio Lower Upper

146 100

111 39.5 18.8 56.4

148 65.2 32.0 96.0

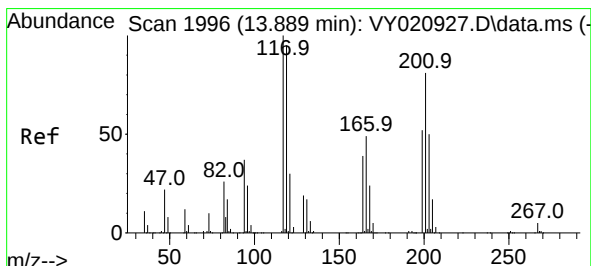
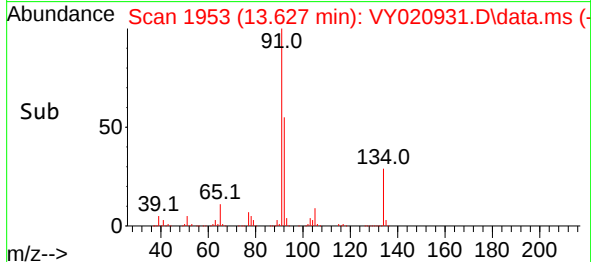
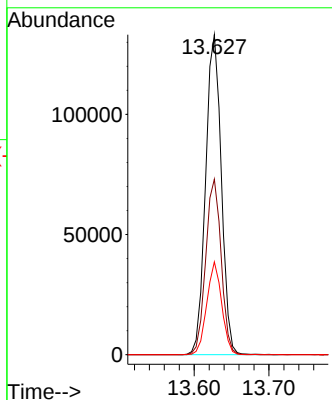
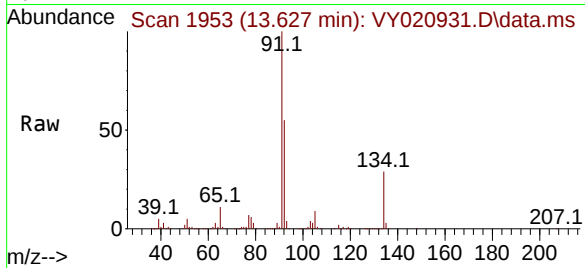




#89
n-Butylbenzene
Concen: 19.922 ug/l
RT: 13.627 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

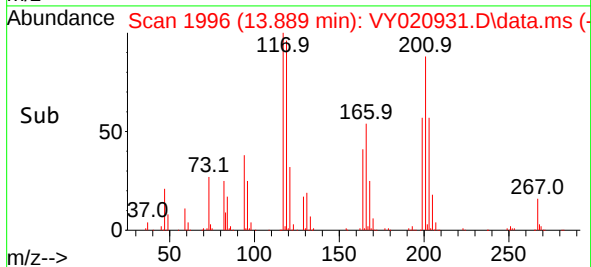
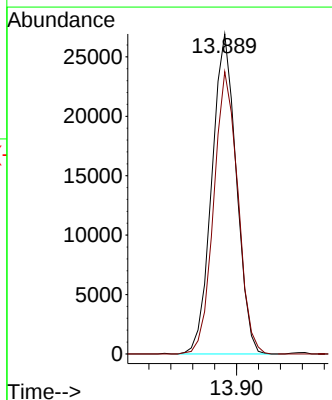
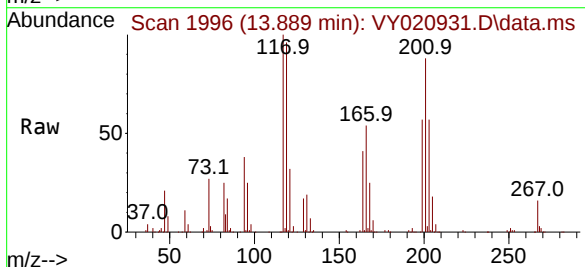
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

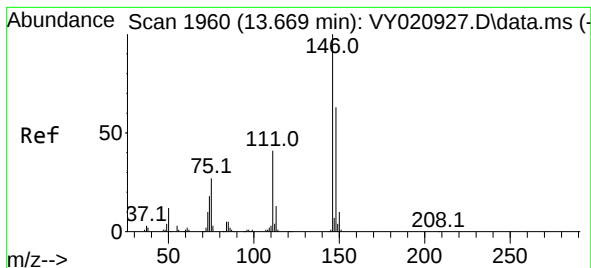
Tgt Ion: 91 Resp: 193984
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.3
134 27.7 13.8 41.4



#90
Hexachloroethane
Concen: 19.042 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VY020931.D
Acq: 24 Jan 2025 15:36

Tgt Ion: 117 Resp: 41758
Ion Ratio Lower Upper
117 100
201 86.8 42.7 128.1





#91

1,2-Dichlorobenzene

Concen: 20.103 ug/l

RT: 13.670 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

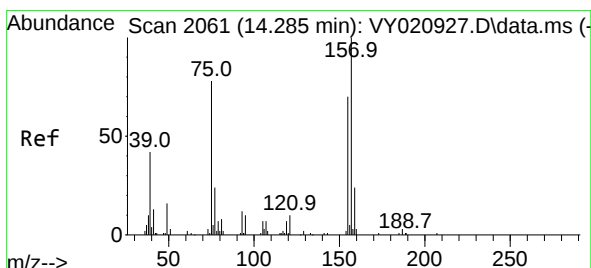
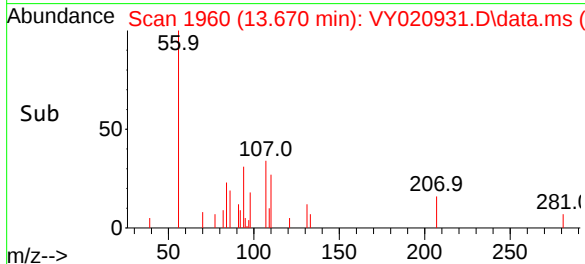
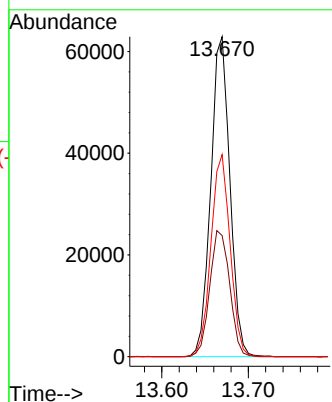
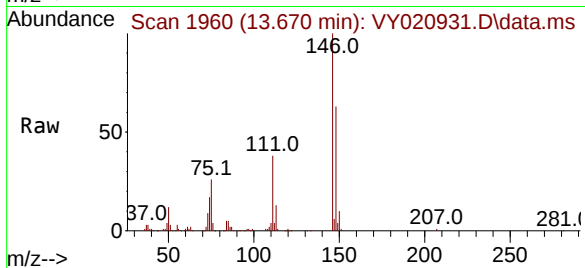
Tgt Ion:146 Resp: 96672

Ion Ratio Lower Upper

146 100

111 40.9 20.2 60.6

148 63.3 32.2 96.6



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.382 ug/l

RT: 14.285 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

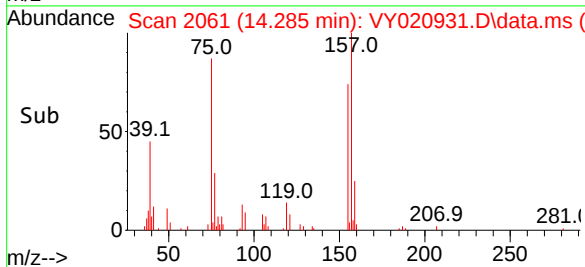
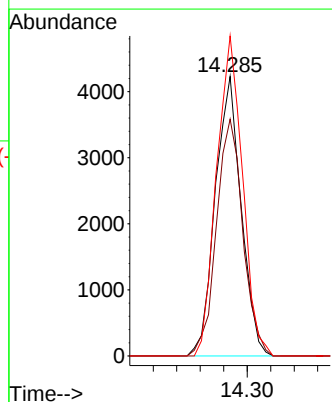
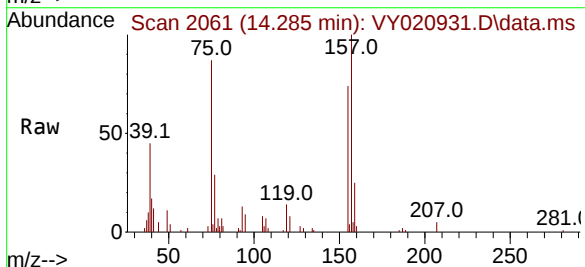
Tgt Ion: 75 Resp: 6469

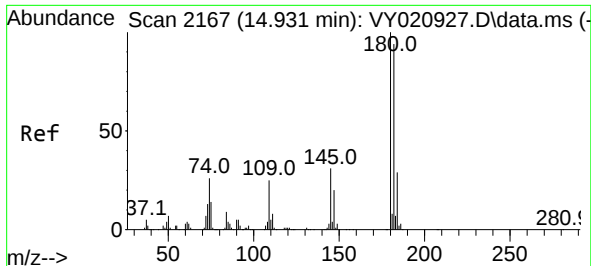
Ion Ratio Lower Upper

75 100

155 86.5 46.6 139.7

157 114.6 60.1 180.3

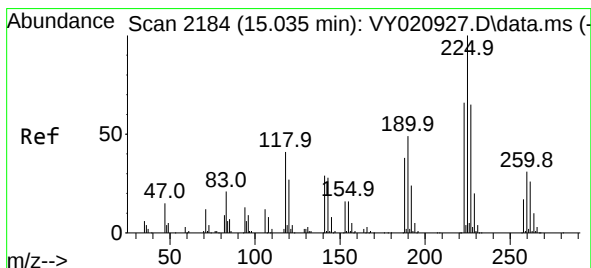
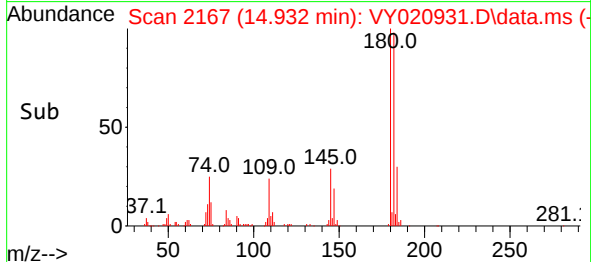
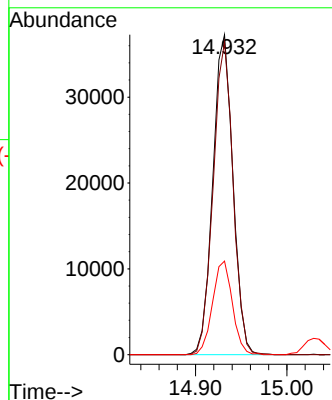
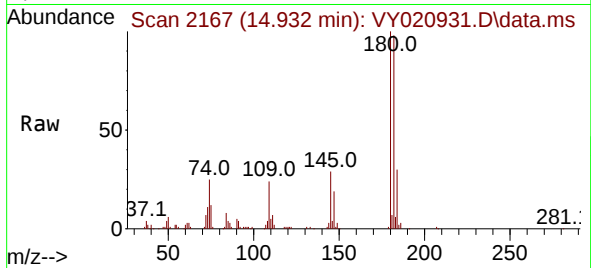




#93
 1,2,4-Trichlorobenzene
 Concen: 19.661 ug/l
 RT: 14.932 min Scan# 2167
 Delta R.T. 0.000 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

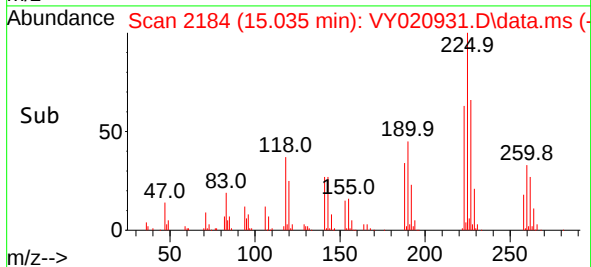
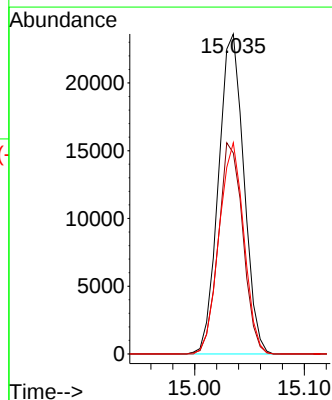
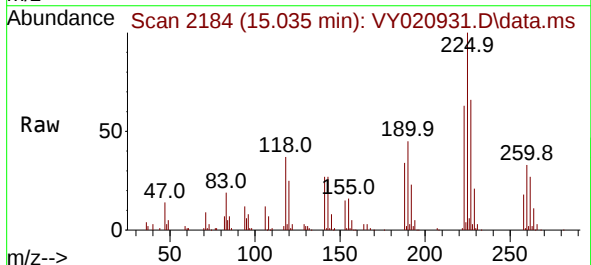
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

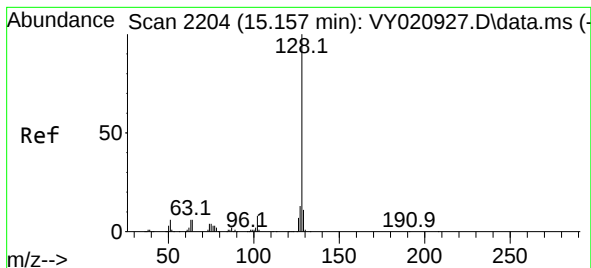
Tgt Ion:180 Resp: 56876
 Ion Ratio Lower Upper
 180 100
 182 96.5 47.0 141.2
 145 28.9 14.9 44.5



#94
 Hexachlorobutadiene
 Concen: 19.162 ug/l
 RT: 15.035 min Scan# 2184
 Delta R.T. 0.000 min
 Lab File: VY020931.D
 Acq: 24 Jan 2025 15:36

Tgt Ion:225 Resp: 37927
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.5 94.5
 227 64.6 31.9 95.9





#95

Naphthalene

Concen: 20.180 ug/l

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

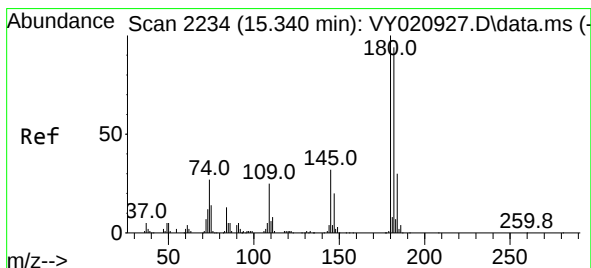
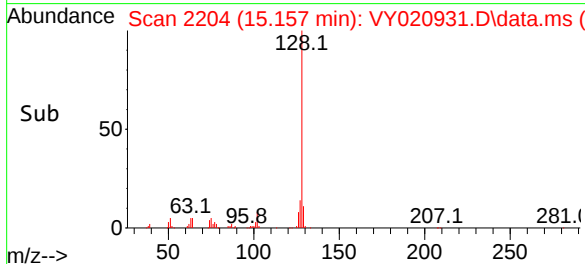
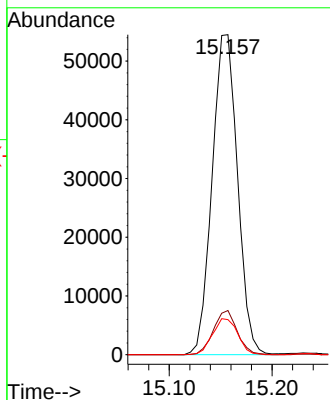
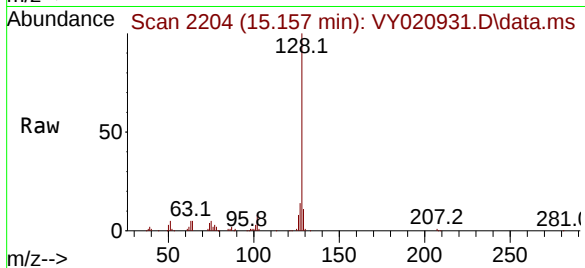
Tgt Ion:128 Resp: 93615

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 19.859 ug/l

RT: 15.340 min Scan# 2234

Delta R.T. 0.000 min

Lab File: VY020931.D

Acq: 24 Jan 2025 15:36

Tgt Ion:180 Resp: 48266

Ion Ratio Lower Upper

180 100

182 93.0 47.5 142.6

145 30.9 15.7 47.0

