

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052725\
 Data File : VY022423.D
 Acq On : 27 May 2025 09:36
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Quant Time: May 28 15:23:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052725S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 28 10:34:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	252702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	427651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	358898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	162048	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	52229	19.622	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.240%#
35) Dibromofluoromethane	7.640	113	48414	19.331	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.660%#
50) Toluene-d8	10.109	98	199816	19.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	39.140%#
62) 4-Bromofluorobenzene	12.408	95	59022	19.112	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	38.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	53184	22.059	ug/l	100
3) Chloromethane	2.068	50	131430	22.162	ug/l	96
4) Vinyl Chloride	2.208	62	153844	21.354	ug/l	97
5) Bromomethane	2.592	94	141241	21.573	ug/l	99
6) Chloroethane	2.739	64	95915	20.373	ug/l	98
7) Trichlorofluoromethane	3.056	101	123550	20.326	ug/l	99
8) Diethyl Ether	3.458	74	27436	19.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	54677	20.503	ug/l	100
10) Methyl Iodide	4.013	142	61032	20.286	ug/l	100
11) Tert butyl alcohol	4.885	59	18099	96.467	ug/l #	86
12) 1,1-Dichloroethene	3.793	96	53871	20.347	ug/l	99
13) Acrolein	3.659	56	28252	100.498	ug/l	98
14) Allyl chloride	4.391	41	80449	20.200	ug/l	97
15) Acrylonitrile	5.067	53	55206	97.719	ug/l	100
16) Acetone	3.879	43	40769	93.210	ug/l	92
17) Carbon Disulfide	4.110	76	172558	20.423	ug/l	100
18) Methyl Acetate	4.397	43	29942	18.275	ug/l	99
19) Methyl tert-butyl Ether	5.128	73	137123	19.508	ug/l	97
20) Methylene Chloride	4.622	84	58412	18.912	ug/l	99
21) trans-1,2-Dichloroethene	5.122	96	56105	19.411	ug/l	99
22) Diisopropyl ether	6.025	45	175073	19.918	ug/l	99
23) Vinyl Acetate	5.964	43	504103	99.882	ug/l	99
24) 1,1-Dichloroethane	5.927	63	104623	20.143	ug/l	100
25) 2-Butanone	6.902	43	68733	94.358	ug/l	99
26) 2,2-Dichloropropane	6.890	77	94730	20.142	ug/l	97
27) cis-1,2-Dichloroethene	6.896	96	65719	19.640	ug/l	99
28) Bromochloromethane	7.250	49	43955	20.266	ug/l	99
29) Tetrahydrofuran	7.268	42	46611	95.946	ug/l	99
30) Chloroform	7.427	83	103440	20.211	ug/l	96
31) Cyclohexane	7.707	56	100786	19.685	ug/l	93
32) 1,1,1-Trichloroethane	7.628	97	92540	19.923	ug/l	99
36) 1,1-Dichloropropene	7.841	75	77871	19.594	ug/l	99
37) Ethyl Acetate	6.994	43	32871	19.462	ug/l	98
38) Carbon Tetrachloride	7.823	117	80594	19.468	ug/l	94
39) Methylcyclohexane	9.109	83	103224	19.540	ug/l	95
40) Benzene	8.085	78	232606	19.670	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.268	41	25890	25.256	ug/l #	48
42) 1,2-Dichloroethane	8.158	62	61523	19.699	ug/l	99
43) Isopropyl Acetate	8.201	43	71905	19.483	ug/l #	86
44) Trichloroethene	8.872	130	58860	20.135	ug/l	97
45) 1,2-Dichloropropane	9.146	63	54451	19.598	ug/l	99
46) Dibromomethane	9.237	93	29679	19.122	ug/l	98
47) Bromodichloromethane	9.426	83	76833	19.250	ug/l	97
48) Methyl methacrylate	9.225	41	32925	19.218	ug/l	99
49) 1,4-Dioxane	9.231	88	6923	403.829	ug/l	91
51) 4-Methyl-2-Pentanone	9.999	43	169056	92.837	ug/l	99
52) Toluene	10.176	92	143949	19.489	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	71231	19.160	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	86263	19.747	ug/l	98
55) 1,1,2-Trichloroethane	10.579	97	38684	19.713	ug/l	94
56) Ethyl methacrylate	10.445	69	53900	19.140	ug/l	98
57) 1,3-Dichloropropane	10.719	76	68793	19.893	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	130961	93.311	ug/l	98
59) 2-Hexanone	10.762	43	109954	92.136	ug/l	98
60) Dibromochloromethane	10.914	129	48590	19.384	ug/l	99
61) 1,2-Dibromoethane	11.018	107	35441	19.746	ug/l	100
64) Tetrachloroethene	10.652	164	62224	20.357	ug/l	99
65) Chlorobenzene	11.444	112	150827	19.709	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	50226	19.371	ug/l	96
67) Ethyl Benzene	11.524	91	275656	19.399	ug/l	98
68) m/p-Xylenes	11.633	106	207724	38.557	ug/l	99
69) o-Xylene	11.956	106	96581	19.075	ug/l	100
70) Styrene	11.969	104	160384	19.023	ug/l	99
71) Bromoform	12.133	173	26368	19.415	ug/l #	100
73) Isopropylbenzene	12.255	105	255754	20.053	ug/l	99
74) N-amyl acetate	12.072	43	61037	19.558	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	39127	19.472	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	57021	35.129	ug/l #	100
77) Bromobenzene	12.536	156	55641	20.273	ug/l	97
78) n-propylbenzene	12.597	91	306474	20.024	ug/l	100
79) 2-Chlorotoluene	12.682	91	163649	19.752	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	198748	19.944	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	14257	19.863	ug/l	98
82) 4-Chlorotoluene	12.779	91	171858	20.140	ug/l	99
83) tert-Butylbenzene	12.999	119	179841	19.975	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	196951	19.640	ug/l	100
85) sec-Butylbenzene	13.176	105	263748	19.753	ug/l	99
86) p-Isopropyltoluene	13.292	119	216227	19.393	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	108479	19.644	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	104788	19.845	ug/l	98
89) n-Butylbenzene	13.615	91	206658	19.768	ug/l	99
90) Hexachloroethane	13.883	117	44059	19.857	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	92726	20.103	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	6215	20.016	ug/l	94
93) 1,2,4-Trichlorobenzene	14.919	180	49954	19.535	ug/l	98
94) Hexachlorobutadiene	15.023	225	25718	19.164	ug/l	97
95) Naphthalene	15.145	128	89204	18.870	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	41774	19.919	ug/l	96

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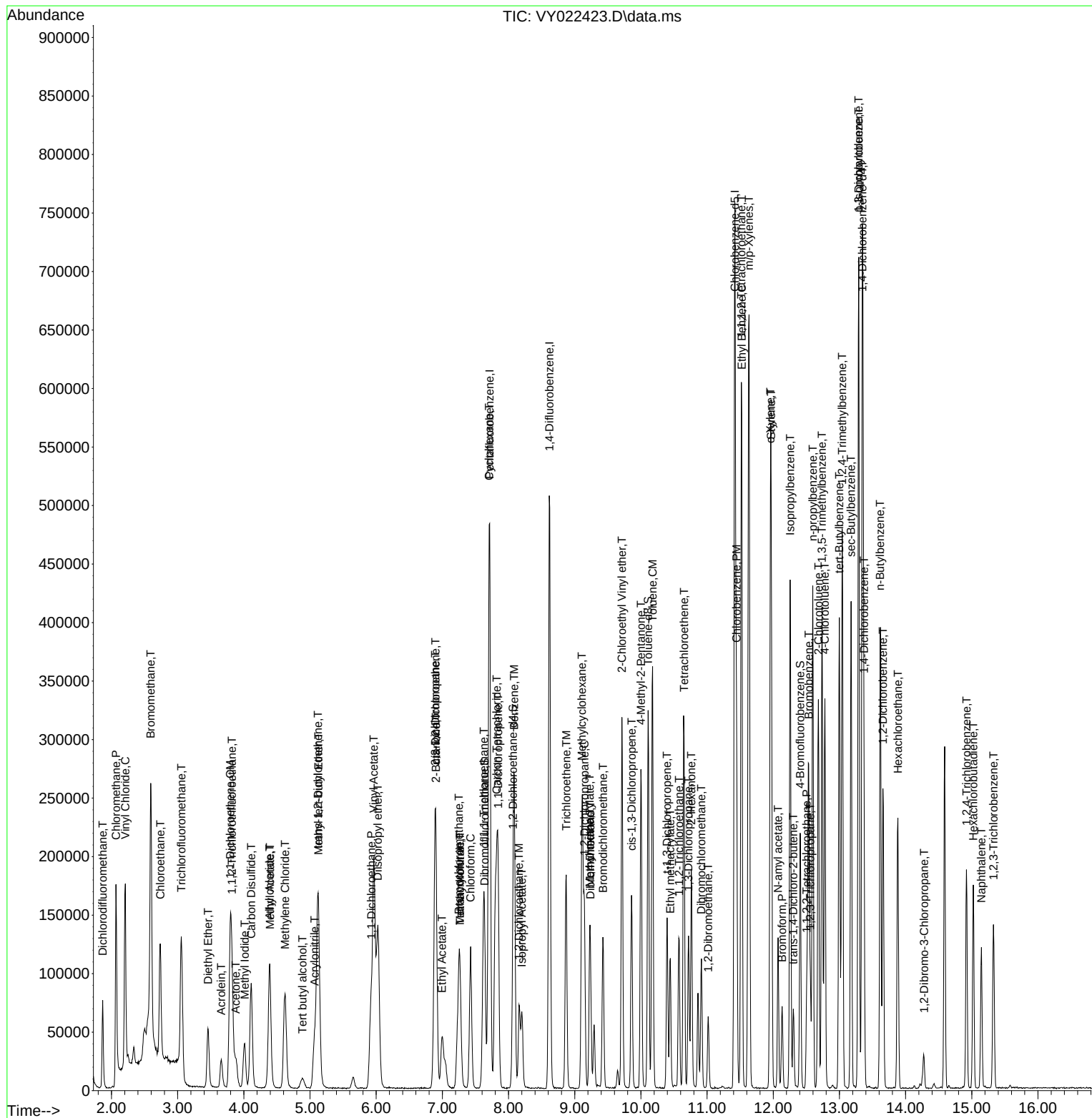
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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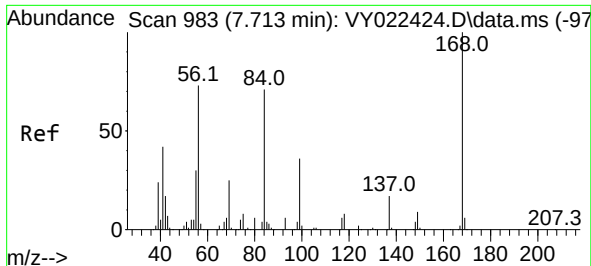
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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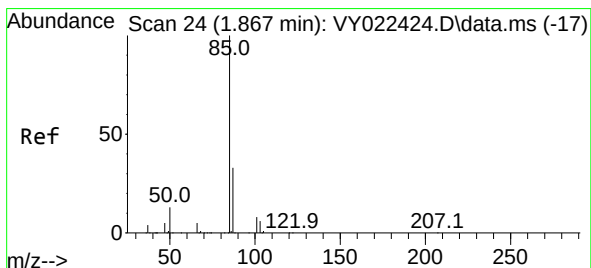
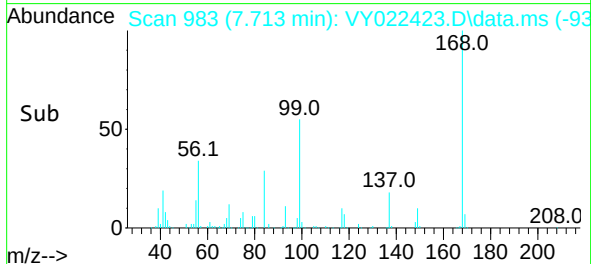
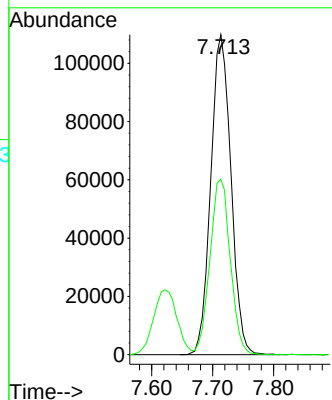
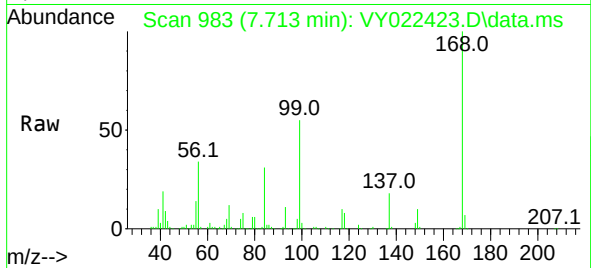




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY022423.D
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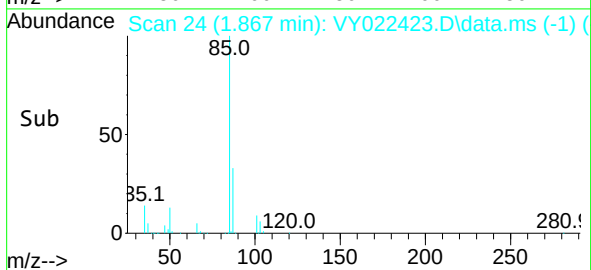
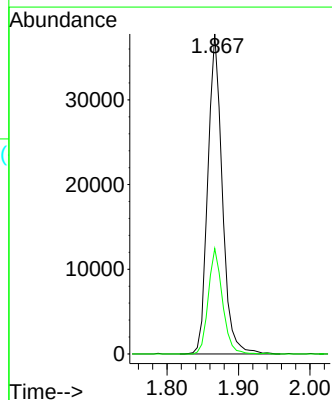
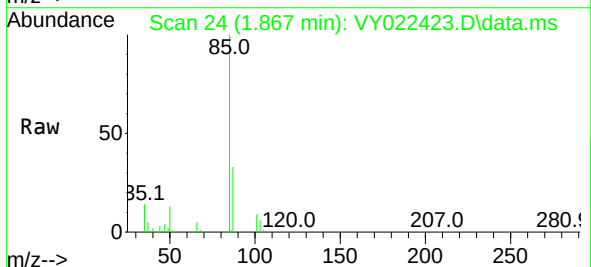
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

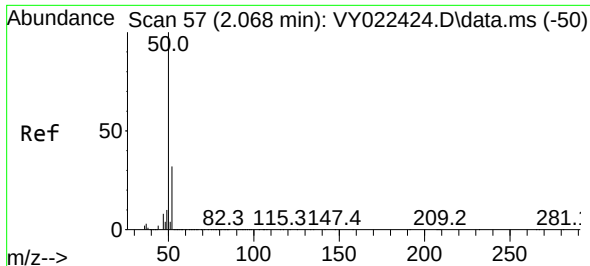
Tgt Ion:168 Resp: 252702
Ion Ratio Lower Upper
168 100
99 54.8 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 22.059 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 85 Resp: 53184
Ion Ratio Lower Upper
85 100
87 33.0 16.4 49.2

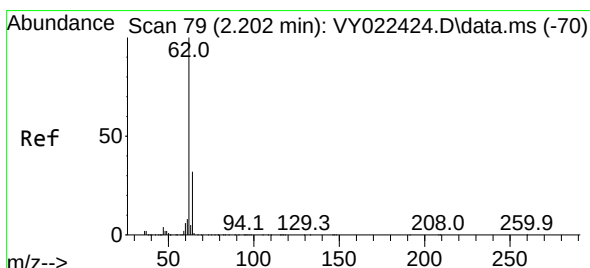
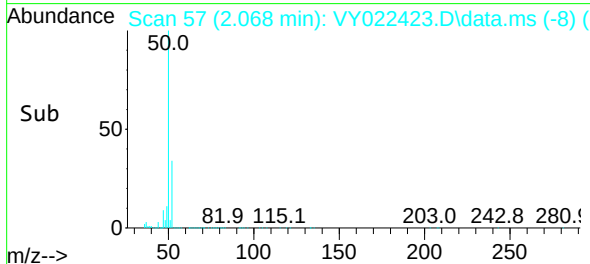
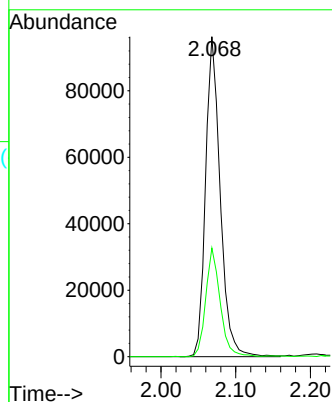
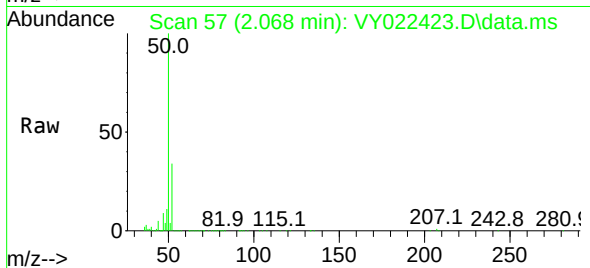




#3
Chloromethane
Concen: 22.162 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

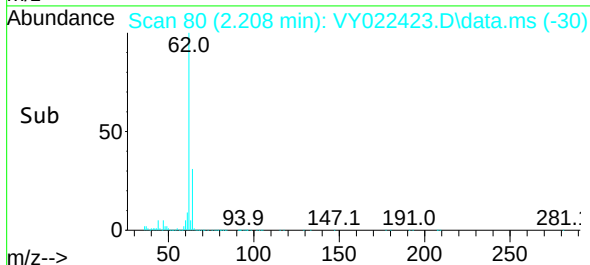
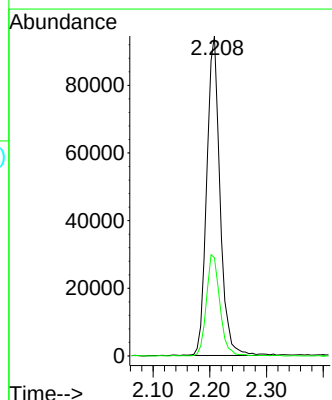
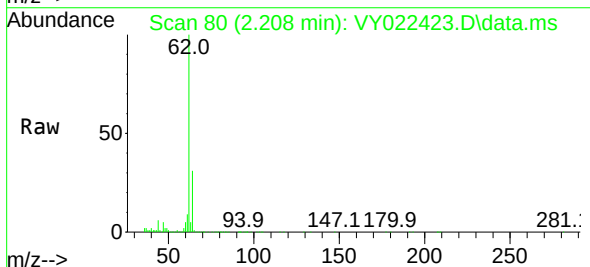
Instrument :
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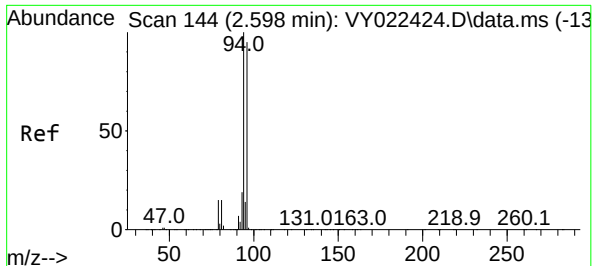
Tgt Ion: 50 Resp: 131430
Ion Ratio Lower Upper
50 100
52 34.0 25.5 38.3



#4
Vinyl Chloride
Concen: 21.354 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 62 Resp: 153844
Ion Ratio Lower Upper
62 100
64 30.7 26.0 39.0

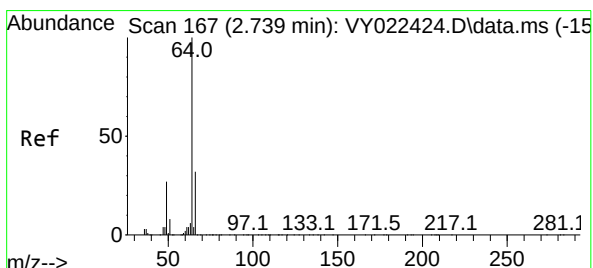
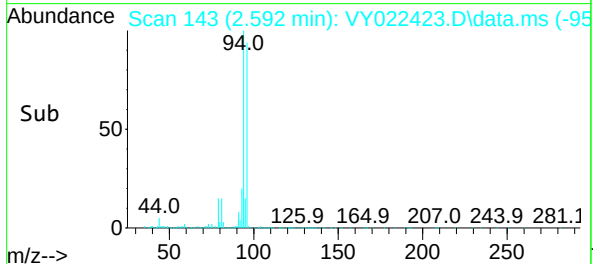
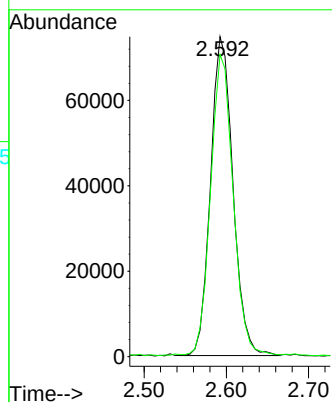
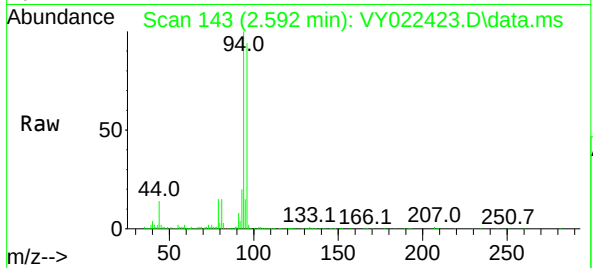




#5
Bromomethane
Concen: 21.573 ug/l
RT: 2.592 min Scan# 144
Delta R.T. -0.006 min
Lab File: VY022423.D
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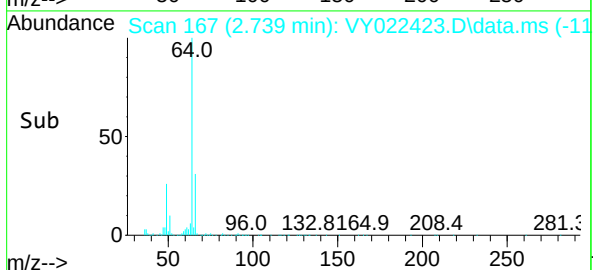
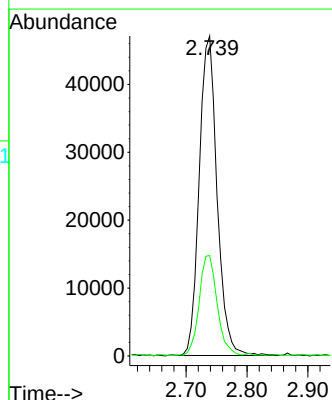
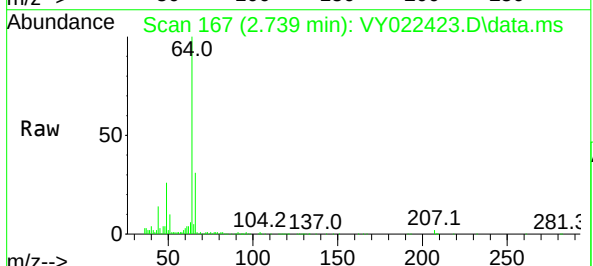
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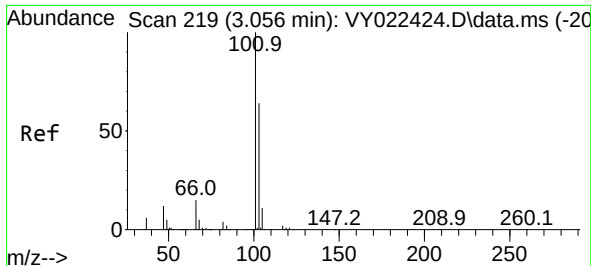
Tgt Ion: 94 Resp: 141241
Ion Ratio Lower Upper
94 100
96 94.1 76.0 114.0



#6
Chloroethane
Concen: 20.373 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 64 Resp: 95915
Ion Ratio Lower Upper
64 100
66 31.2 25.9 38.9

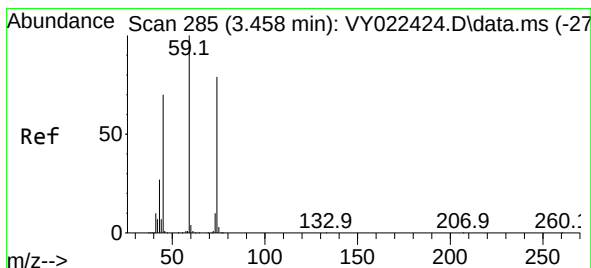
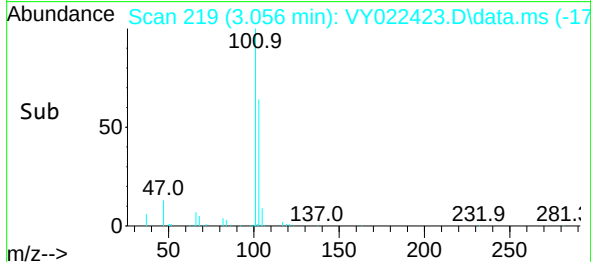
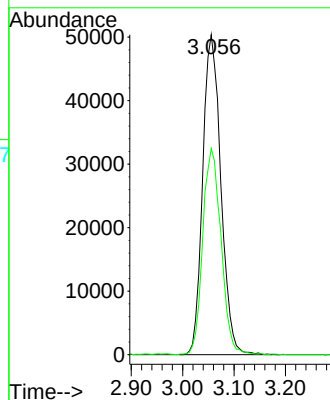
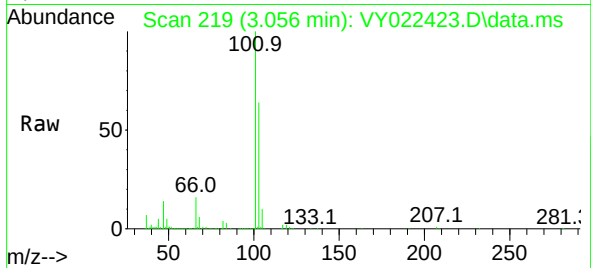




#7
 Trichlorofluoromethane
 Concen: 20.326 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

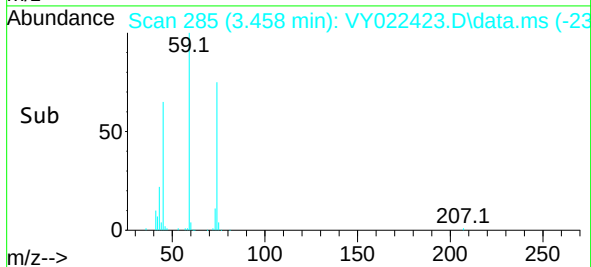
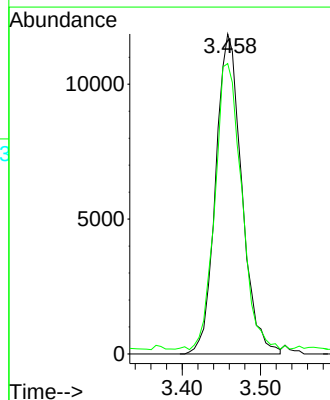
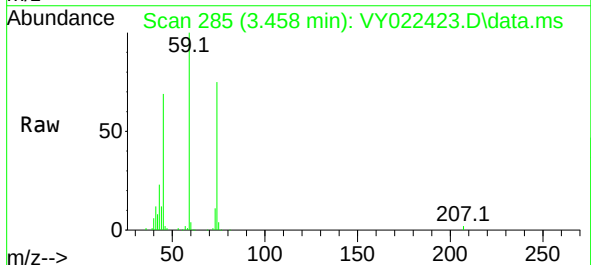
Instrument :
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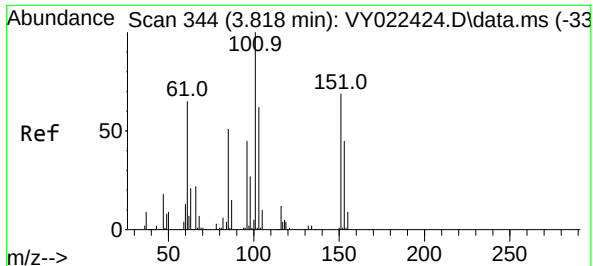
Tgt Ion:101 Resp: 123550
 Ion Ratio Lower Upper
 101 100
 103 64.4 50.9 76.3



#8
 Diethyl Ether
 Concen: 19.575 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 27436
 Ion Ratio Lower Upper
 74 100
 45 91.3 44.9 134.5

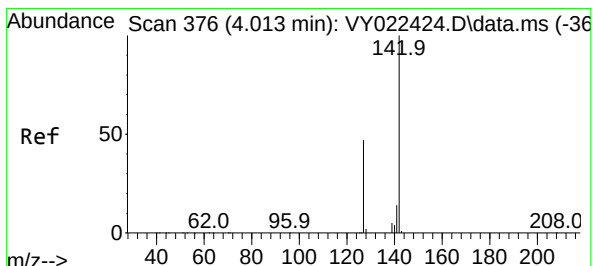
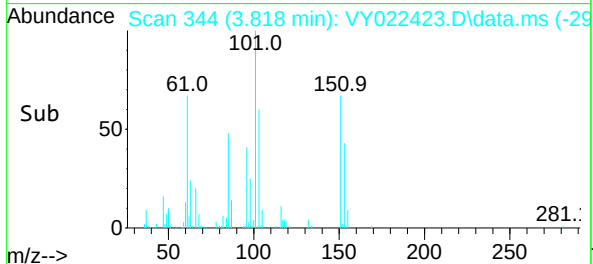
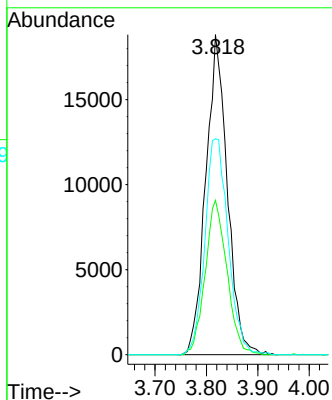
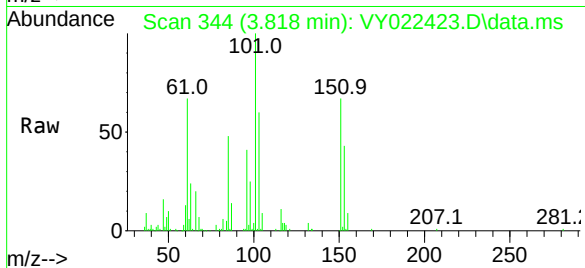




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.503 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

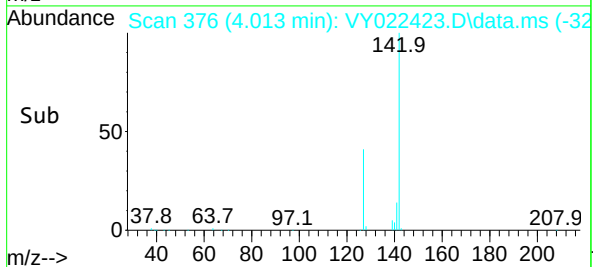
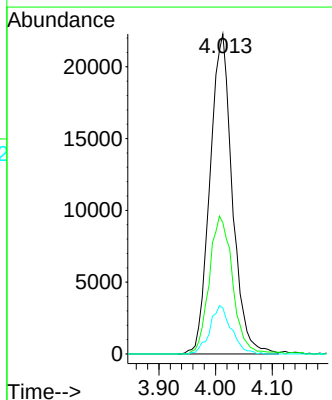
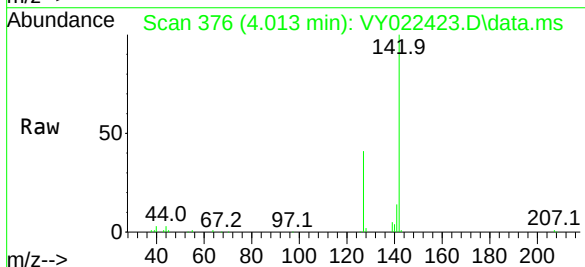
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

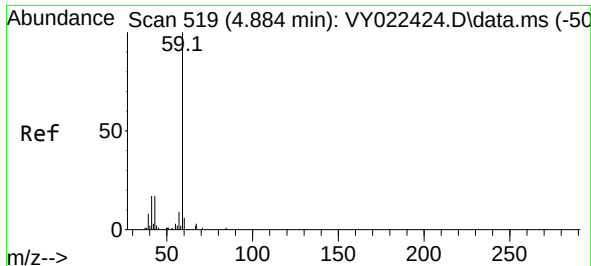
Tgt Ion:	101	Resp:	54677
Ion	Ratio	Lower	Upper
101	100		
85	48.9	39.2	58.8
151	73.3	58.8	88.2



#10
Methyl Iodide
Concen: 20.286 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:	142	Resp:	61032
Ion	Ratio	Lower	Upper
142	100		
127	45.1	36.2	54.4
141	14.5	11.6	17.4

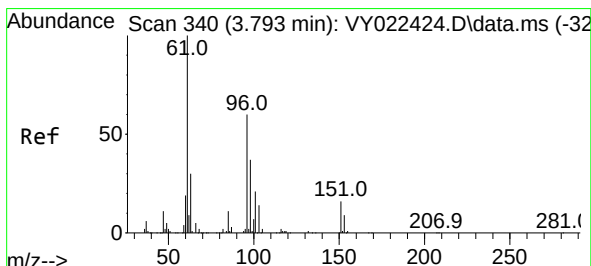
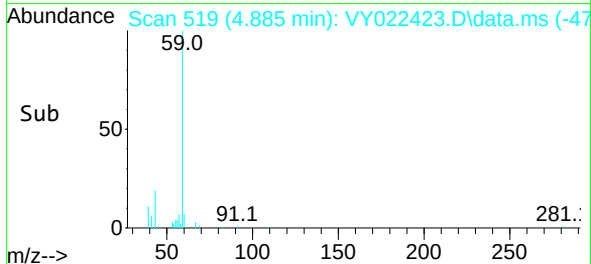
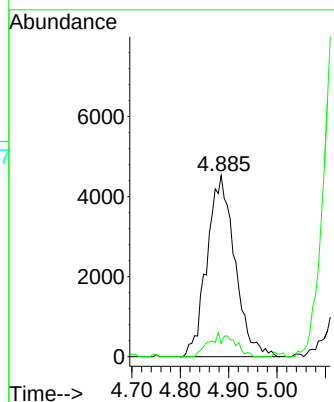
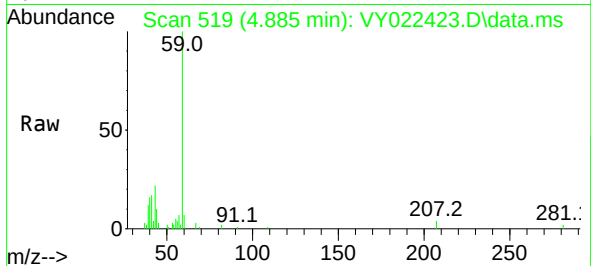




#11
Tert butyl alcohol
Concen: 96.467 ug/l
RT: 4.885 min Scan# 519
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

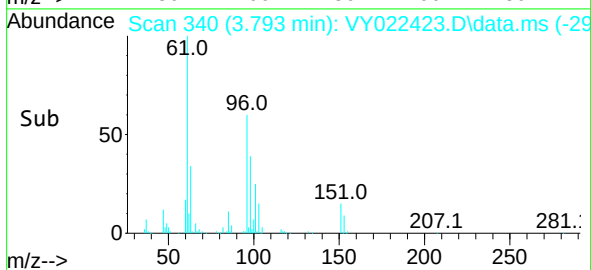
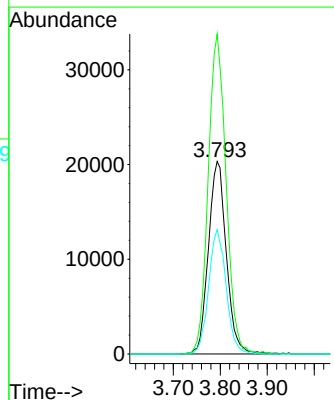
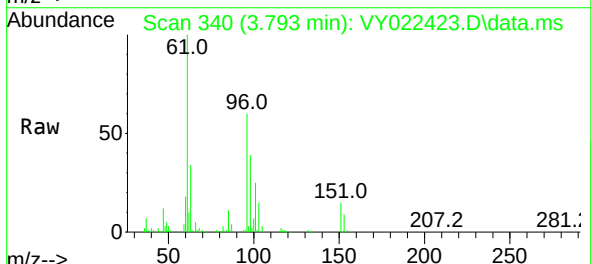
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

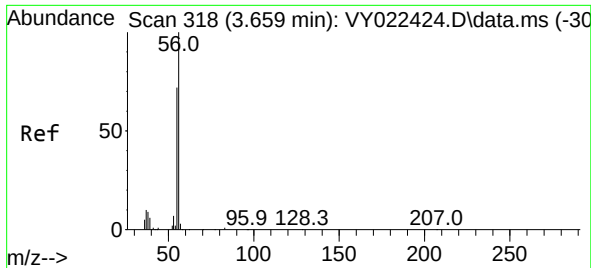
Tgt Ion: 59 Resp: 18099
Ion Ratio Lower Upper
59 100
57 5.9 9.1 13.7#



#12
1,1-Dichloroethene
Concen: 20.347 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 96 Resp: 53871
Ion Ratio Lower Upper
96 100
61 166.2 134.1 201.1
98 64.6 50.2 75.2

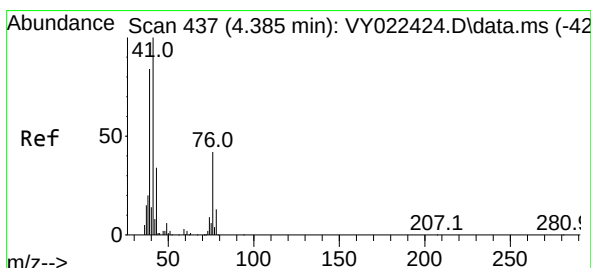
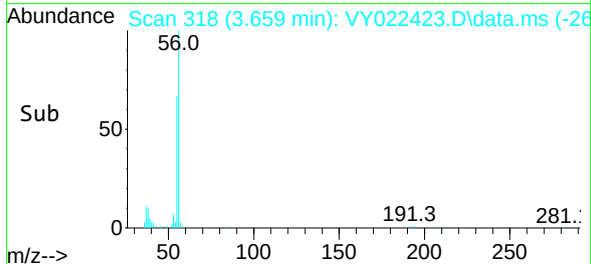
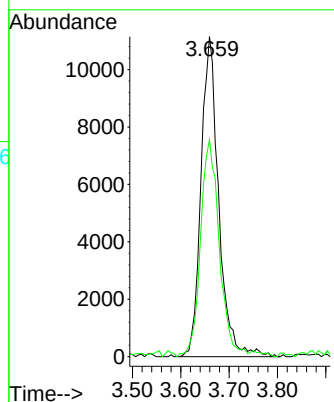
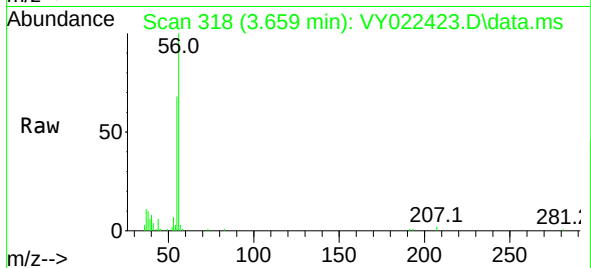




#13
Acrolein
Concen: 100.498 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

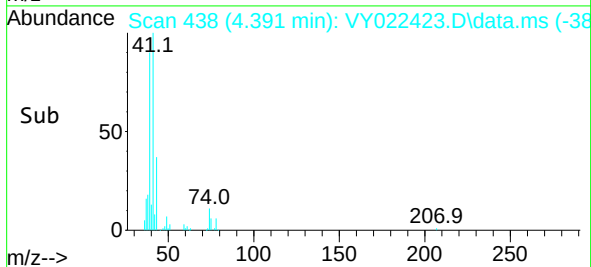
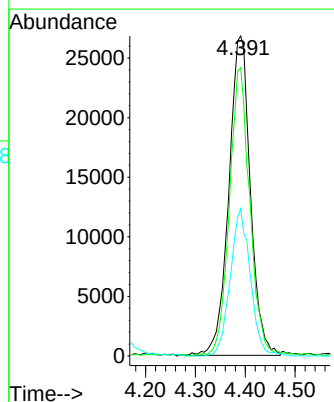
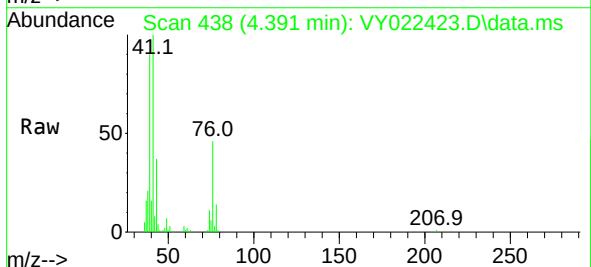
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

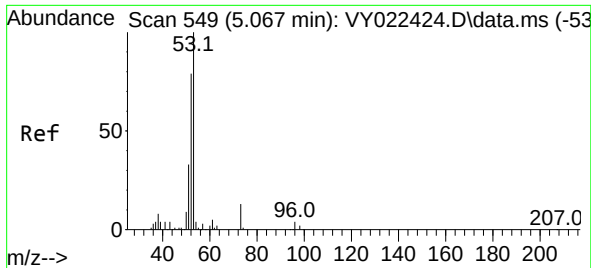
Tgt Ion: 56 Resp: 28252
Ion Ratio Lower Upper
56 100
55 71.9 56.5 84.7



#14
Allyl chloride
Concen: 20.200 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 41 Resp: 80449
Ion Ratio Lower Upper
41 100
39 86.2 66.6 100.0
76 43.0 33.7 50.5

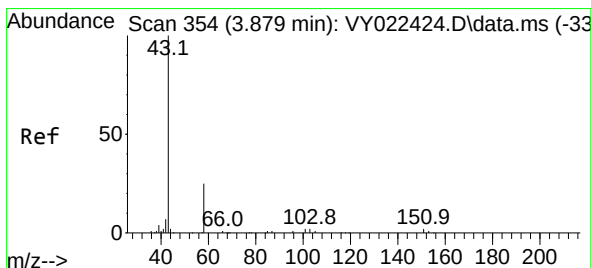
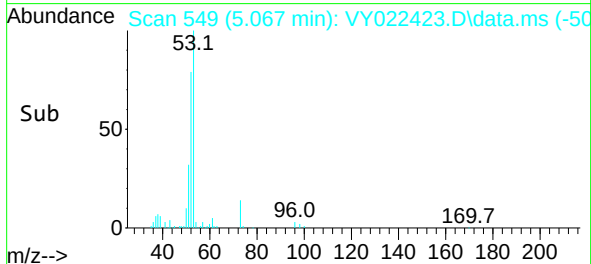
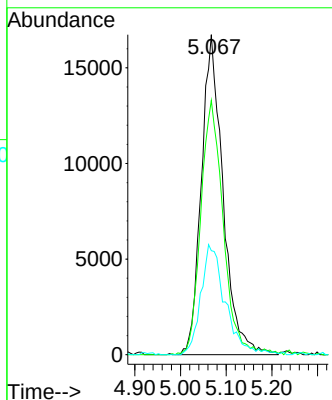
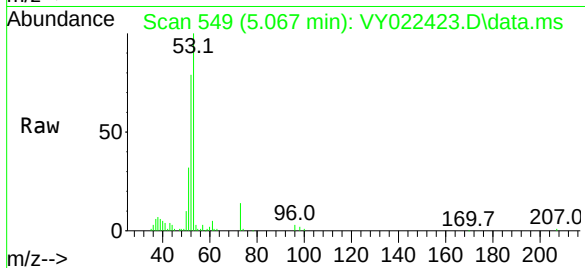




#15
Acrylonitrile
Concen: 97.719 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

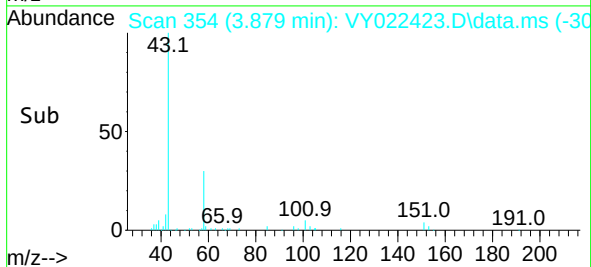
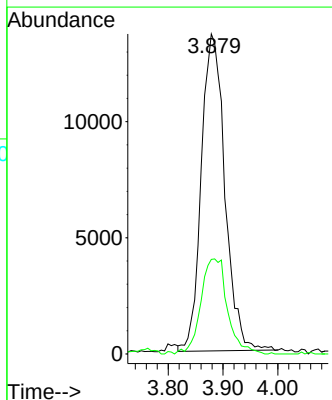
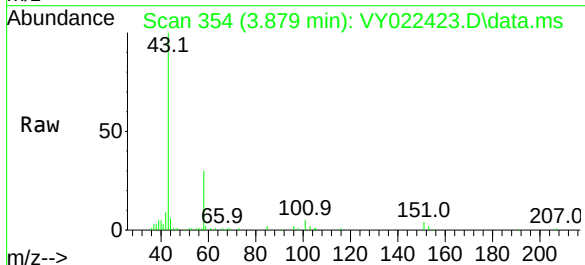
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

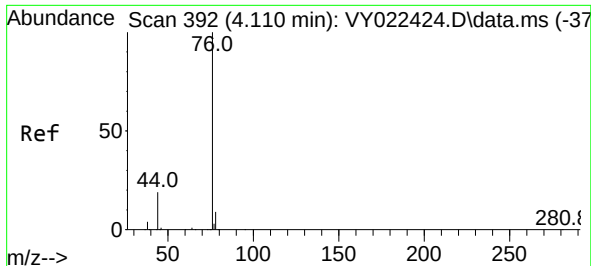
Tgt Ion: 53 Resp: 55206
Ion Ratio Lower Upper
53 100
52 81.6 65.1 97.7
51 37.9 30.0 45.0



#16
Acetone
Concen: 93.210 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 43 Resp: 40769
Ion Ratio Lower Upper
43 100
58 29.9 20.6 30.8

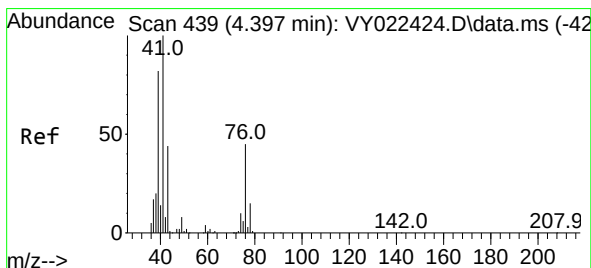
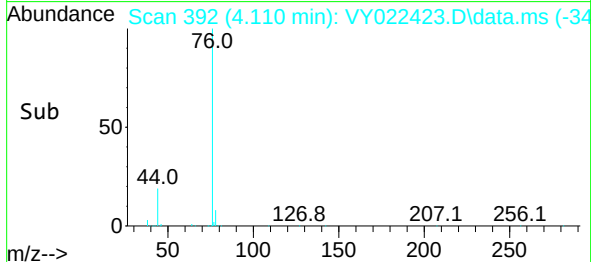
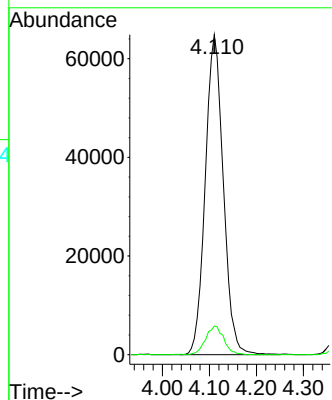
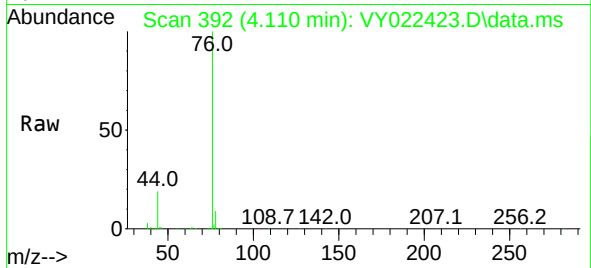




#17
Carbon Disulfide
Concen: 20.423 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

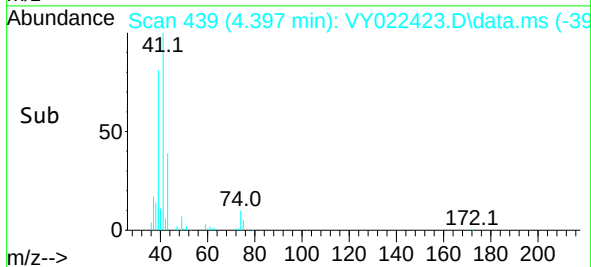
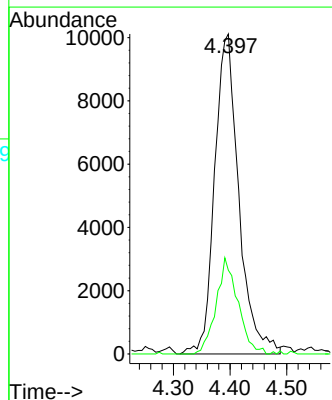
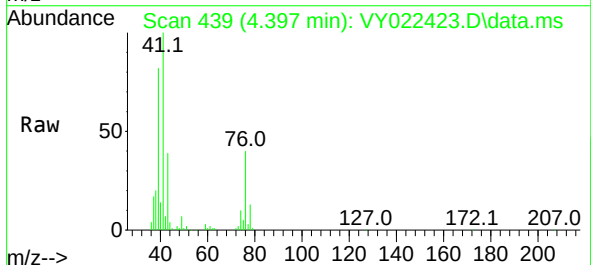
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

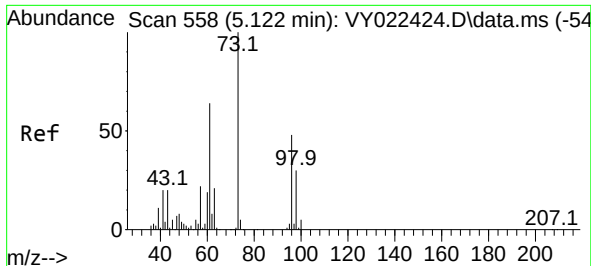
Tgt Ion: 76 Resp: 172558
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.275 ug/l
RT: 4.397 min Scan# 439
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 43 Resp: 29942
Ion Ratio Lower Upper
43 100
74 27.1 21.2 31.8

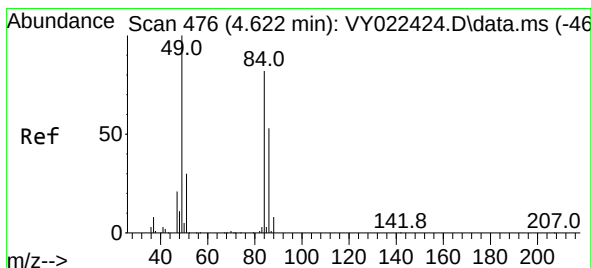
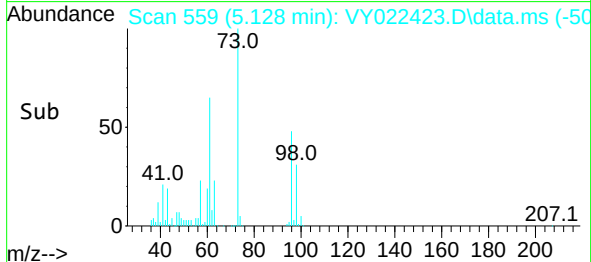
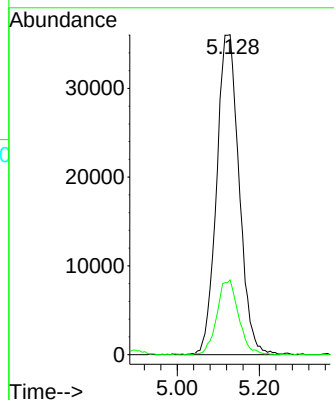
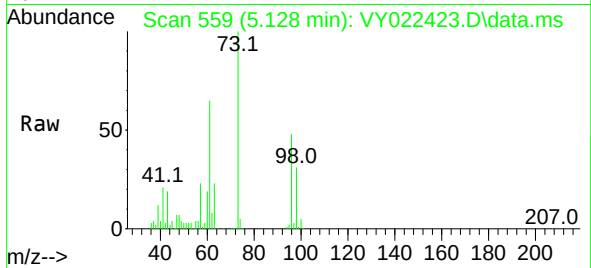




#19
Methyl tert-butyl Ether
Concen: 19.508 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

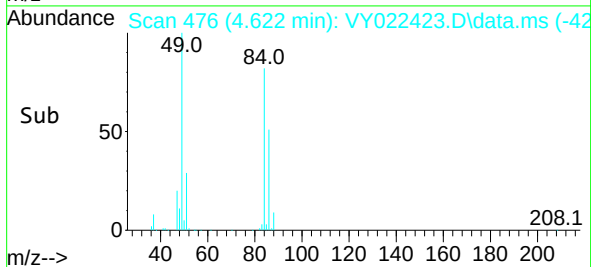
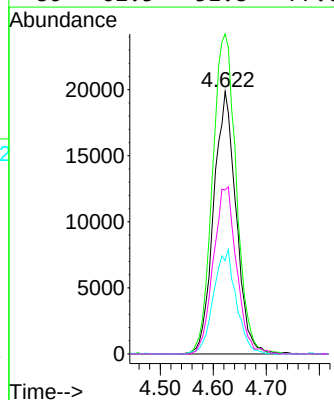
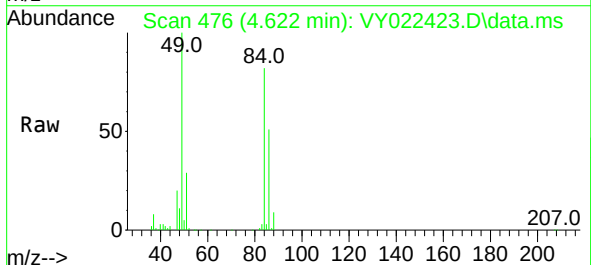
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

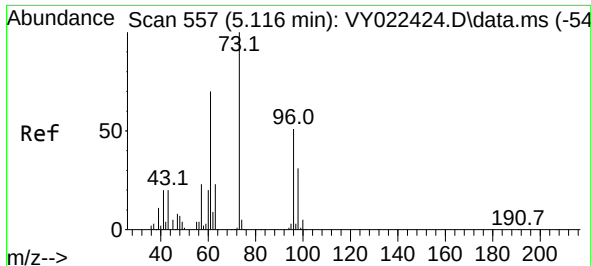
Tgt Ion: 73 Resp: 137123
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5



#20
Methylene Chloride
Concen: 18.912 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 84 Resp: 58412
Ion Ratio Lower Upper
84 100
49 122.0 97.8 146.8
51 35.6 29.5 44.3
86 62.5 51.8 77.6

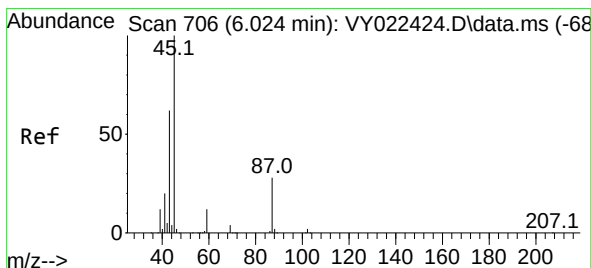
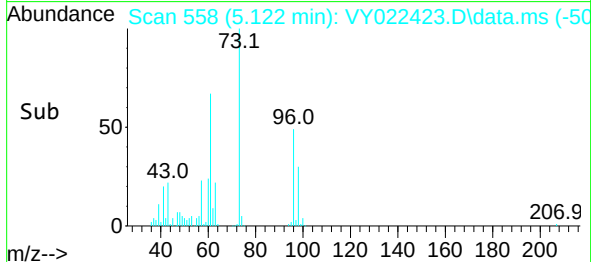
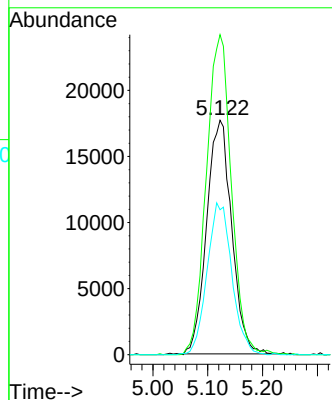
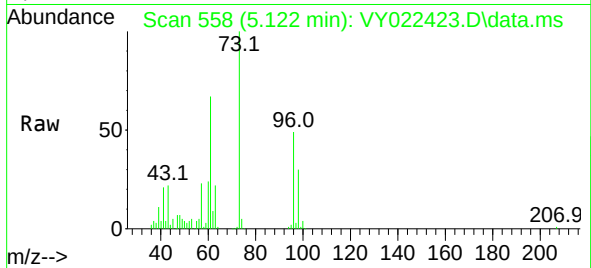




#21
trans-1,2-Dichloroethene
Concen: 19.411 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

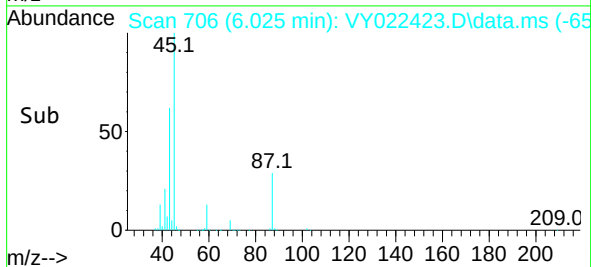
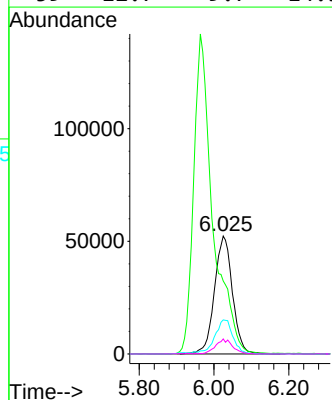
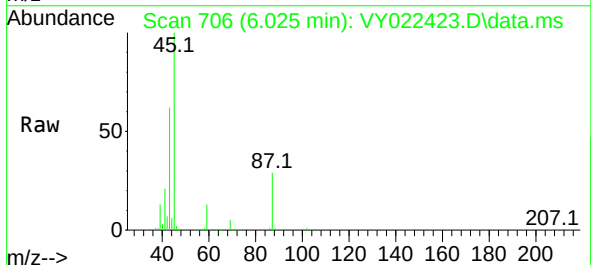
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

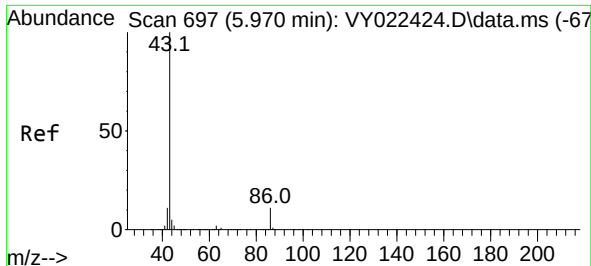
Tgt Ion: 96 Resp: 56105
Ion Ratio Lower Upper
96 100
61 137.0 110.4 165.6
98 62.0 48.6 73.0



#22
Diisopropyl ether
Concen: 19.918 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 45 Resp: 175073
Ion Ratio Lower Upper
45 100
43 61.3 49.8 74.8
87 28.9 23.0 34.6
59 12.7 9.7 14.5

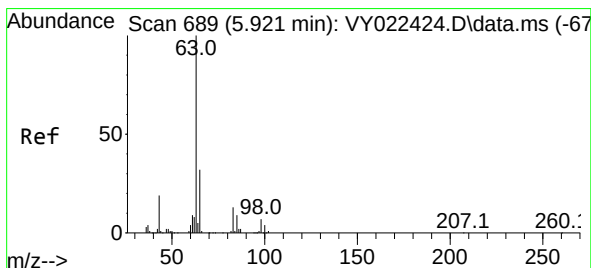
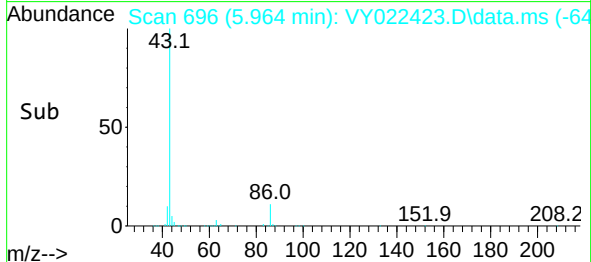
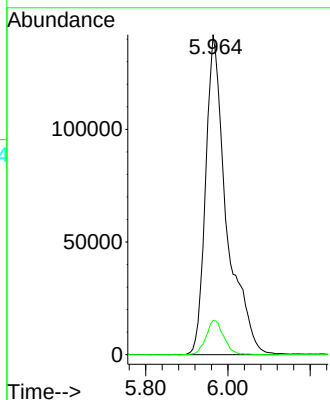
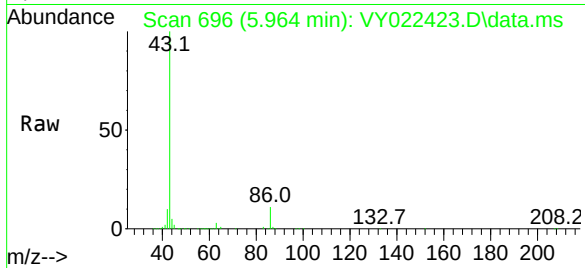




#23
 Vinyl Acetate
 Concen: 99.882 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

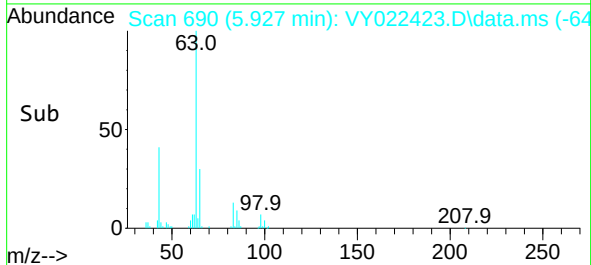
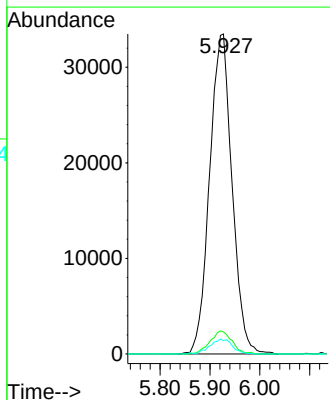
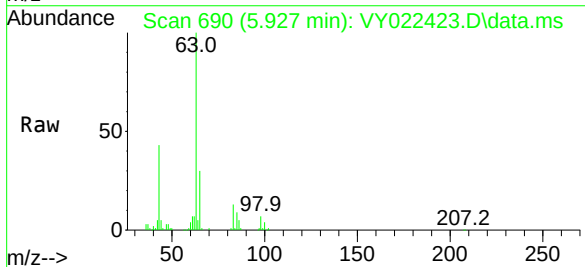
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

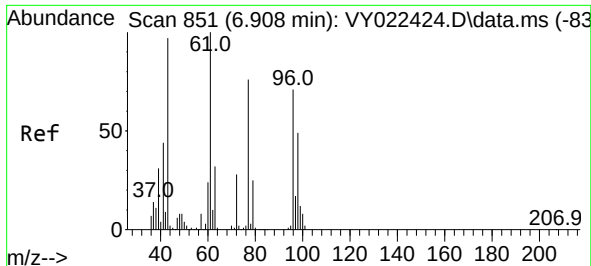
Tgt Ion: 43 Resp: 504103
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 20.143 ug/l
 RT: 5.927 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion: 63 Resp: 104623
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.5
 100 4.2 2.1 6.5

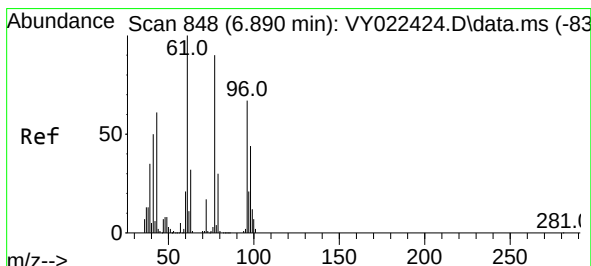
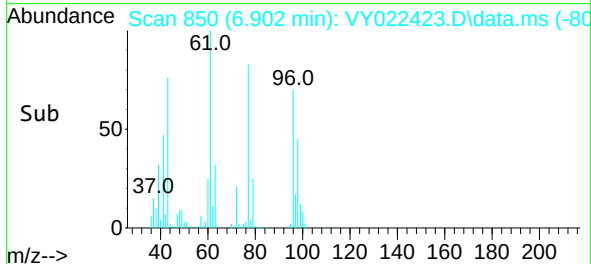
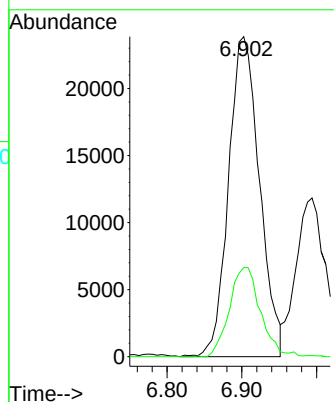
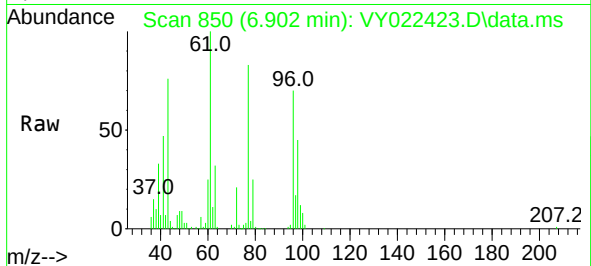




#25
2-Butanone
Concen: 94.358 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

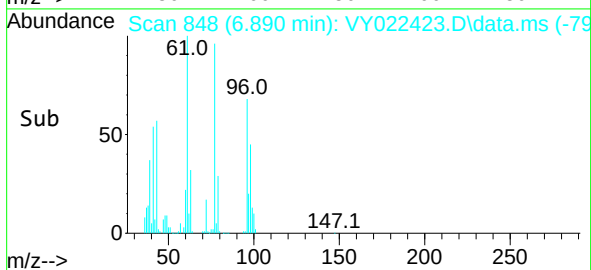
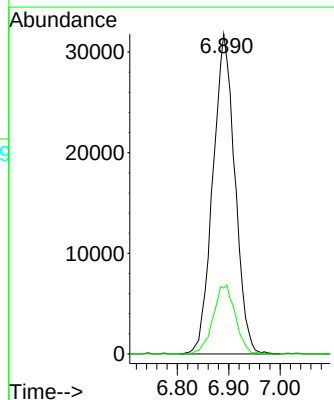
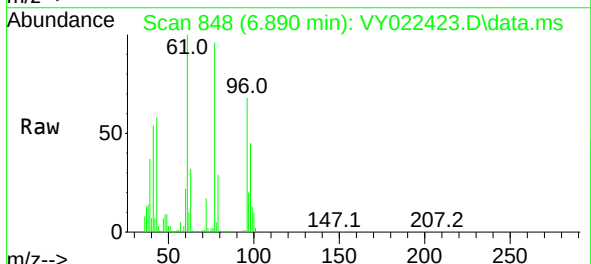
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

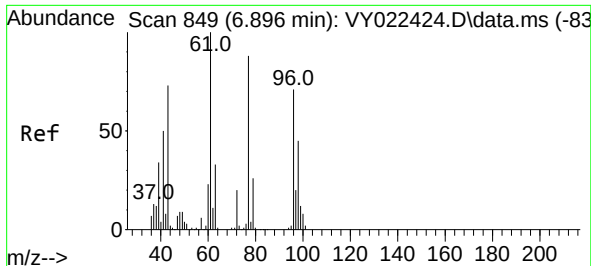
Tgt Ion: 43 Resp: 68733
Ion Ratio Lower Upper
43 100
72 27.9 22.8 34.2



#26
2,2-Dichloropropane
Concen: 20.142 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 77 Resp: 94730
Ion Ratio Lower Upper
77 100
97 21.7 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 19.640 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

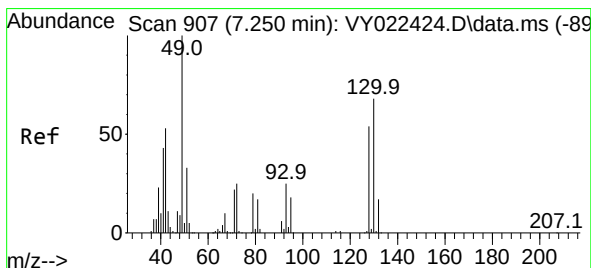
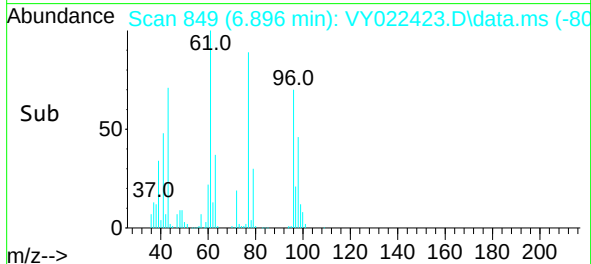
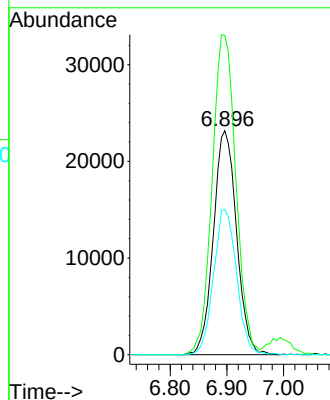
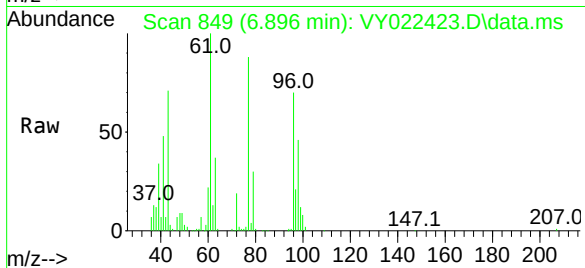
Tgt Ion: 96 Resp: 65719

Ion Ratio Lower Upper

96 100

61 146.3 0.0 292.0

98 64.6 0.0 131.0



#28

Bromochloromethane

Concen: 20.266 ug/l

RT: 7.250 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

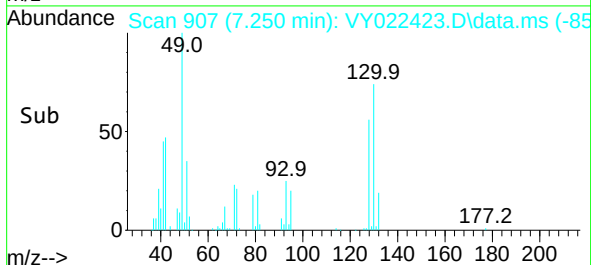
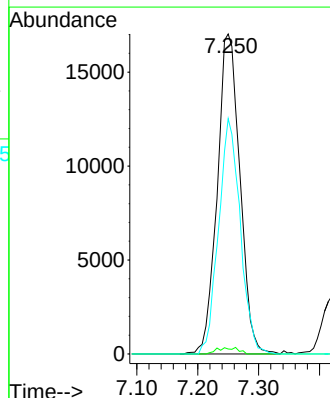
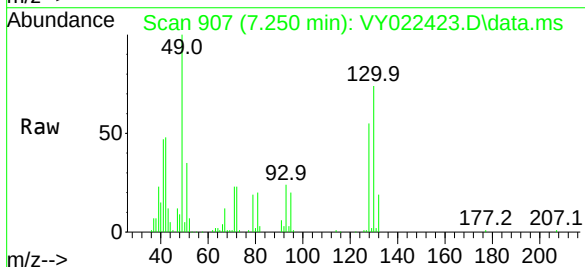
Tgt Ion: 49 Resp: 43955

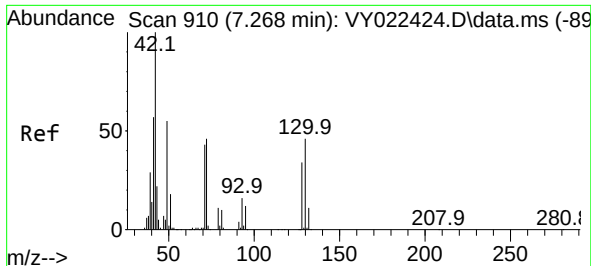
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.0

130 70.2 56.9 85.3

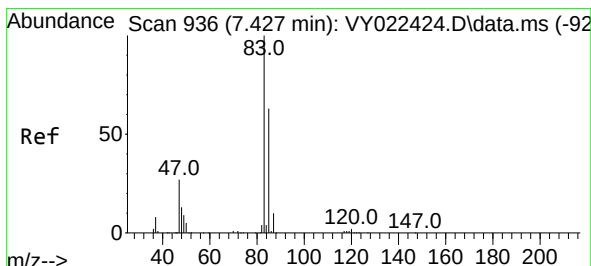
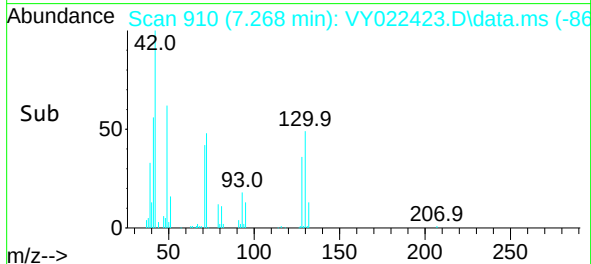
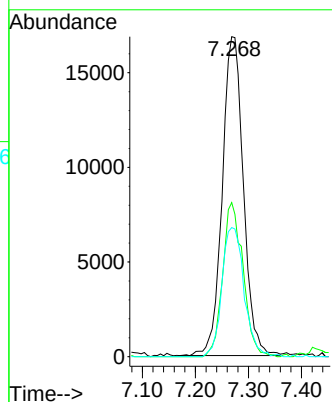
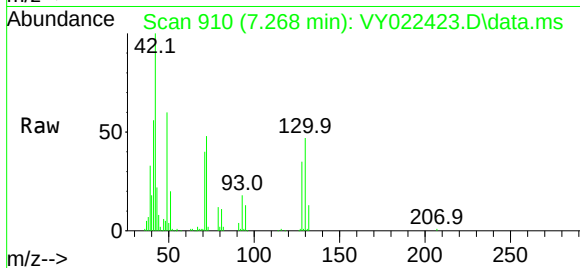




#29
Tetrahydrofuran
Concen: 95.946 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

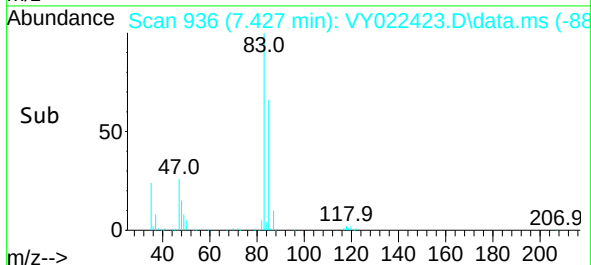
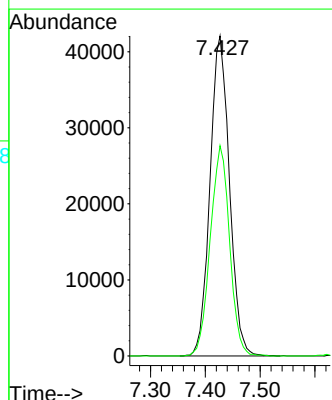
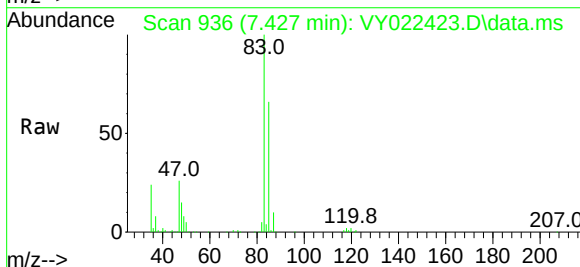
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

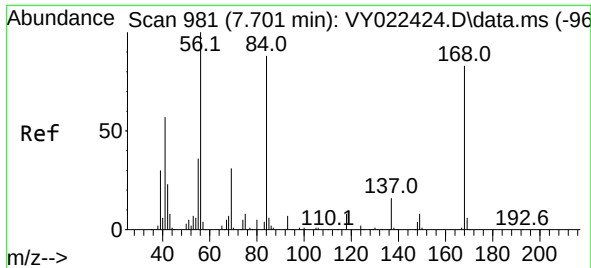
Tgt Ion: 42 Resp: 46611
Ion Ratio Lower Upper
42 100
72 46.6 37.7 56.5
71 42.6 34.7 52.1



#30
Chloroform
Concen: 20.211 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 83 Resp: 103440
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1

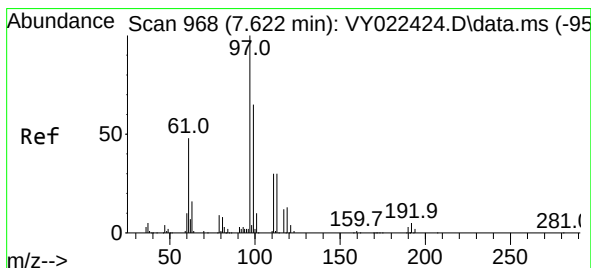
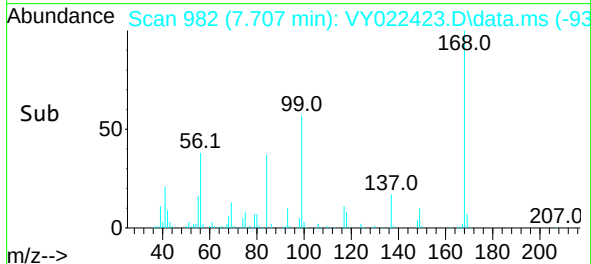
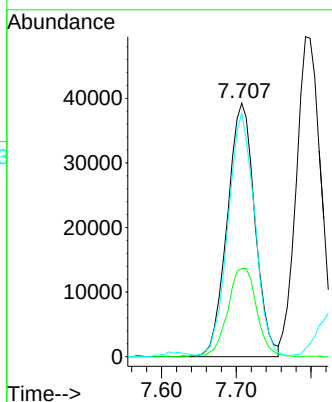
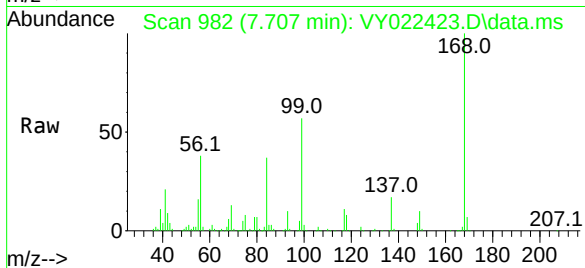




#31
Cyclohexane
Concen: 19.685 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

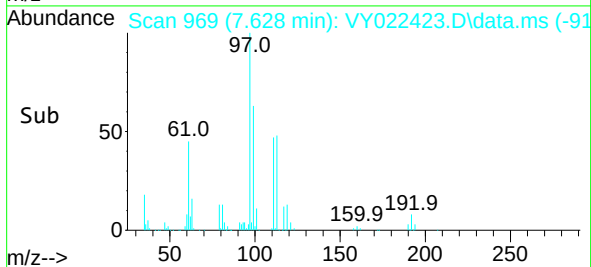
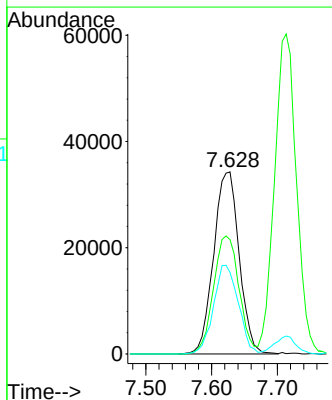
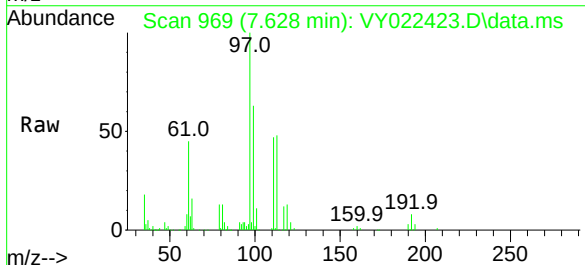
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

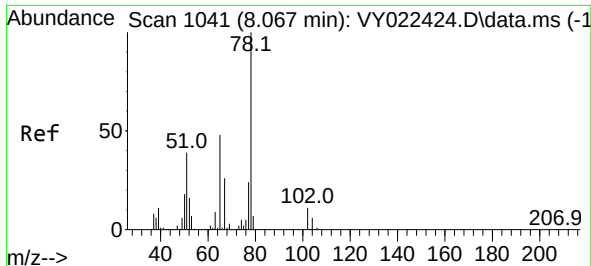
Tgt Ion: 56 Resp: 100786
Ion Ratio Lower Upper
56 100
69 34.8 24.6 36.8
84 94.5 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 19.923 ug/l
RT: 7.628 min Scan# 969
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 97 Resp: 92540
Ion Ratio Lower Upper
97 100
99 64.6 51.3 76.9
61 47.2 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 19.622 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

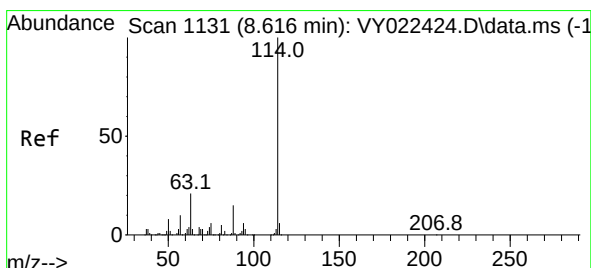
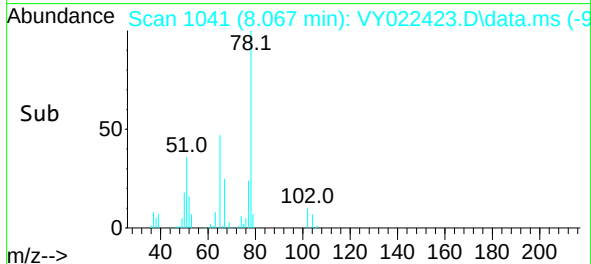
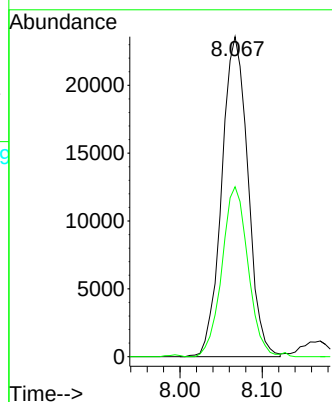
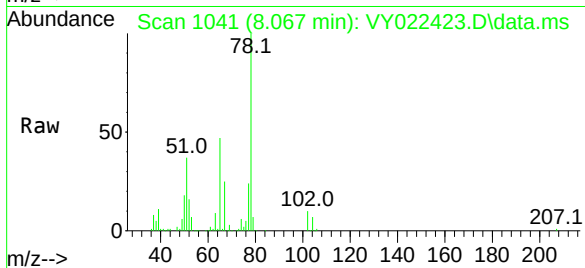
VSTDICC020

Tgt Ion: 65 Resp: 52229

Ion Ratio Lower Upper

65 100

67 53.1 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

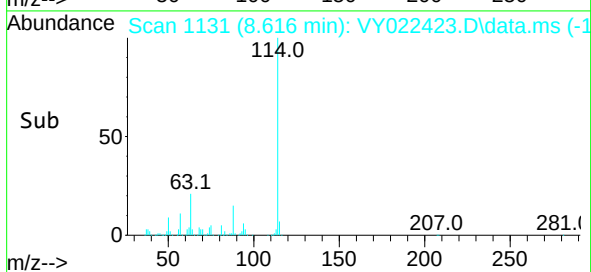
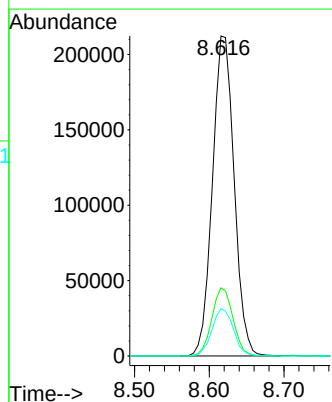
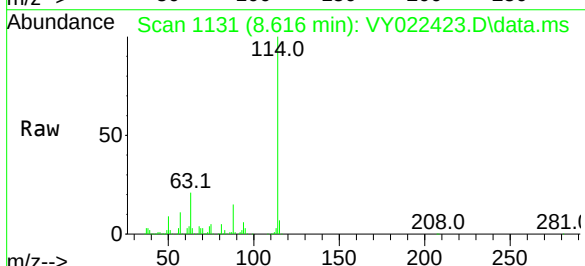
Tgt Ion: 114 Resp: 427651

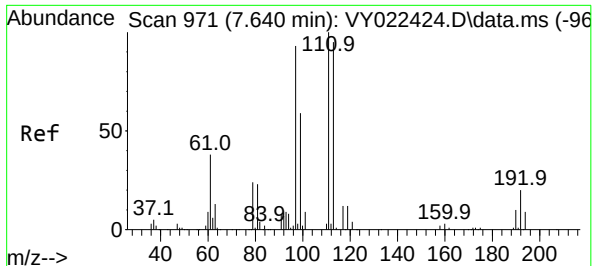
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 14.7 0.0 29.4

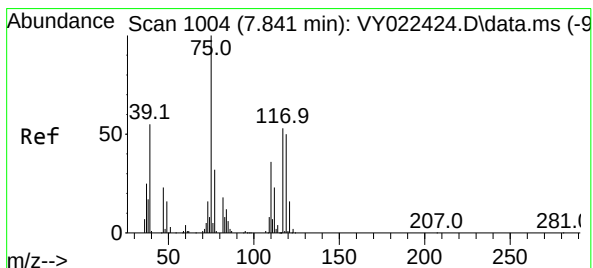
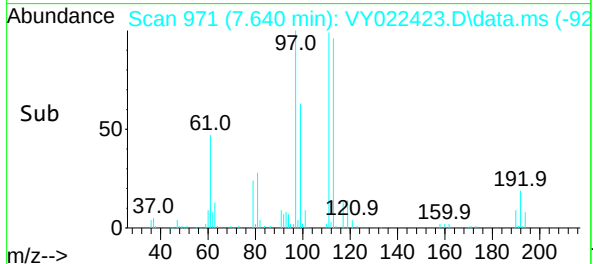
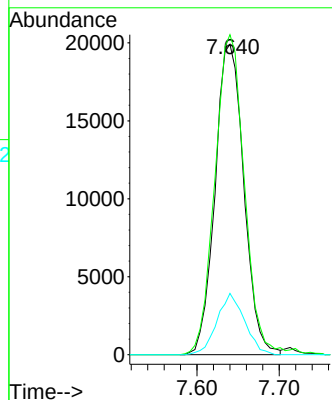
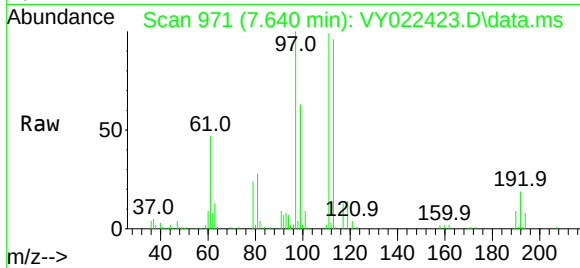




#35
Dibromofluoromethane
Concen: 19.331 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

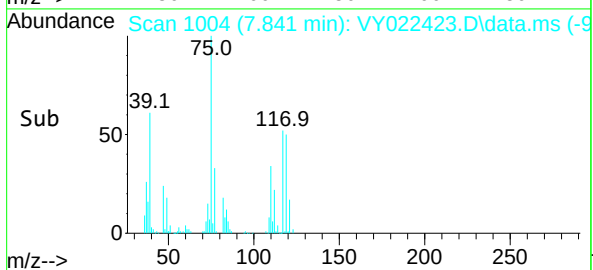
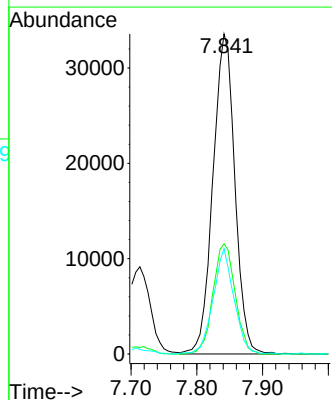
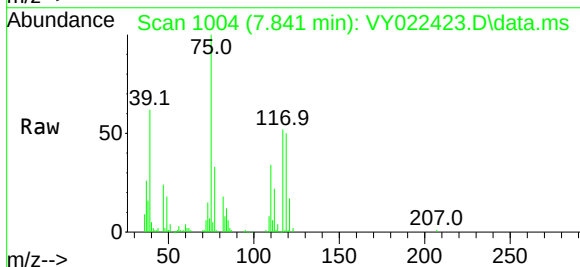
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

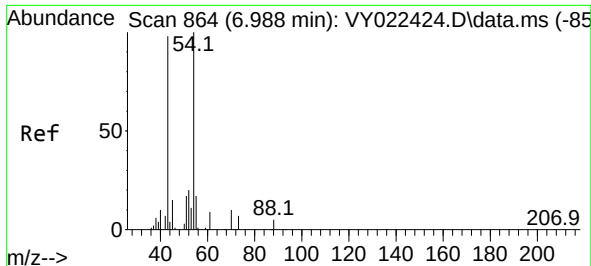
Tgt Ion:113 Resp: 48414
Ion Ratio Lower Upper
113 100
111 106.3 82.4 123.6
192 19.0 15.2 22.8



#36
1,1-Dichloropropene
Concen: 19.594 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 75 Resp: 77871
Ion Ratio Lower Upper
75 100
110 34.8 17.1 51.2
77 31.3 25.1 37.7





#37

Ethyl Acetate

Concen: 19.462 ug/l

RT: 6.994 min Scan# 80

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

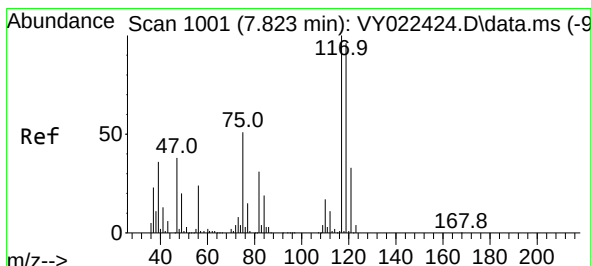
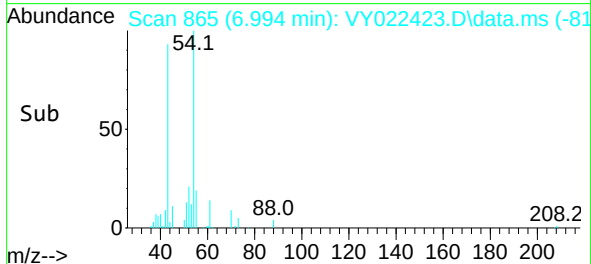
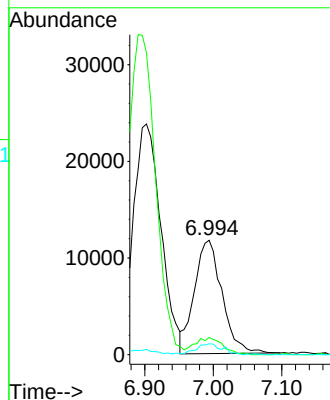
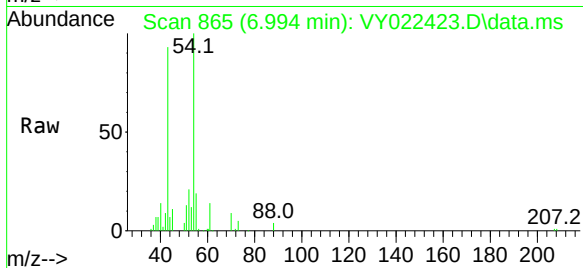
Tgt Ion: 43 Resp: 32871

Ion Ratio Lower Upper

43 100

61 15.4 11.7 17.5

70 9.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 19.468 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

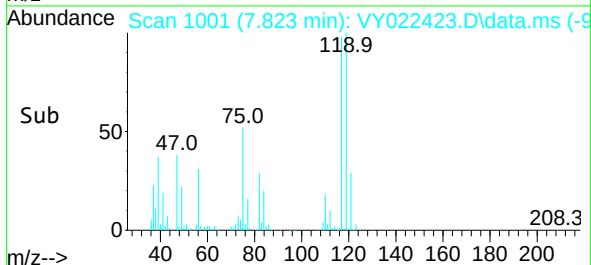
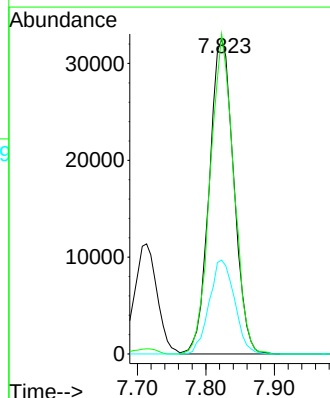
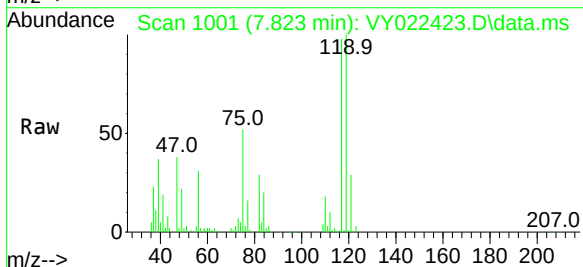
Tgt Ion: 117 Resp: 80594

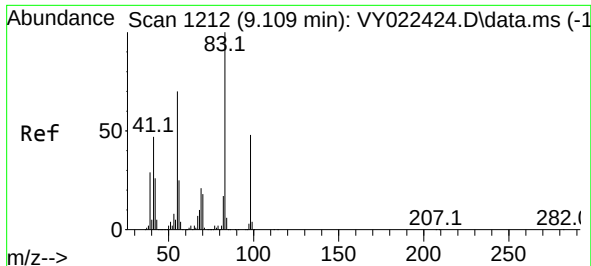
Ion Ratio Lower Upper

117 100

119 101.7 76.3 114.5

121 29.8 26.1 39.1





#39

Methylcyclohexane

Concen: 19.540 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

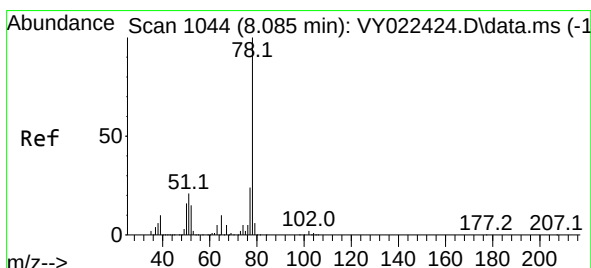
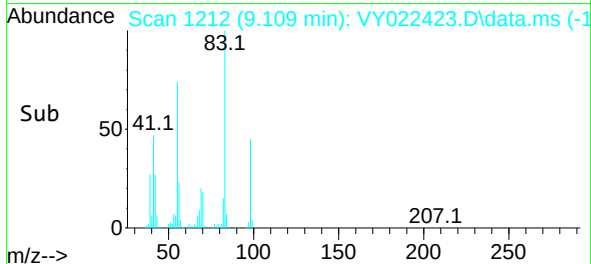
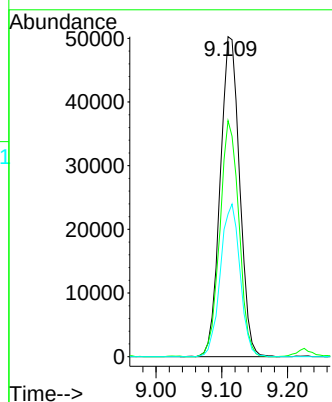
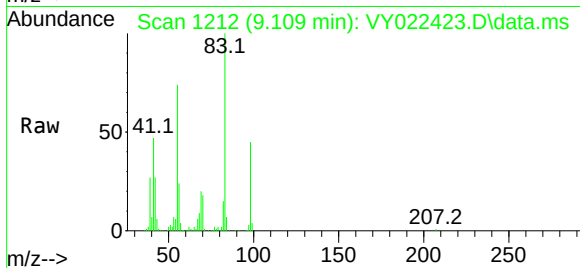
Tgt Ion: 83 Resp: 103224

Ion Ratio Lower Upper

83 100

55 73.7 56.2 84.2

98 44.5 38.4 57.6



#40

Benzene

Concen: 19.670 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022423.D

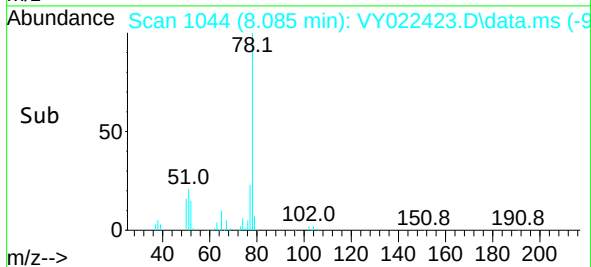
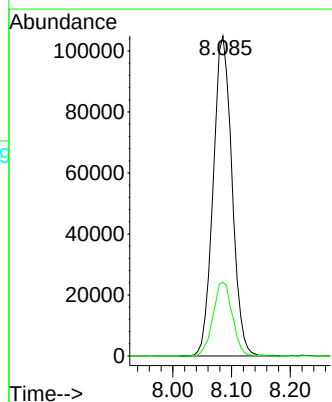
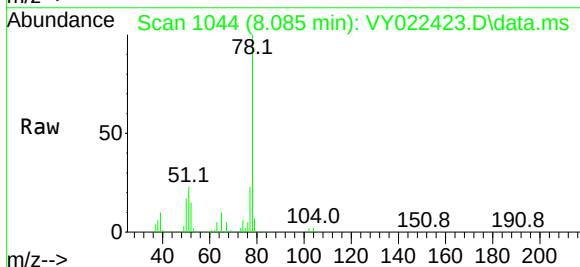
Acq: 27 May 2025 09:36

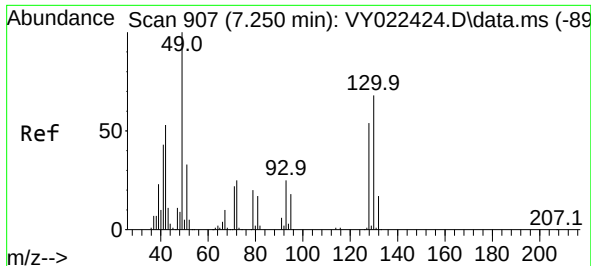
Tgt Ion: 78 Resp: 232606

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.2

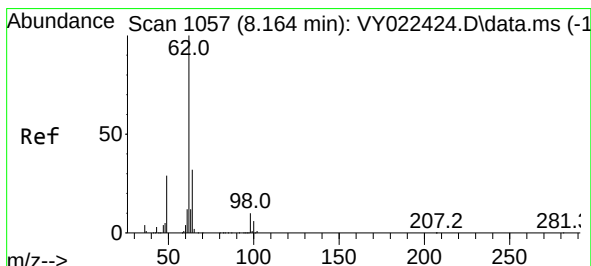
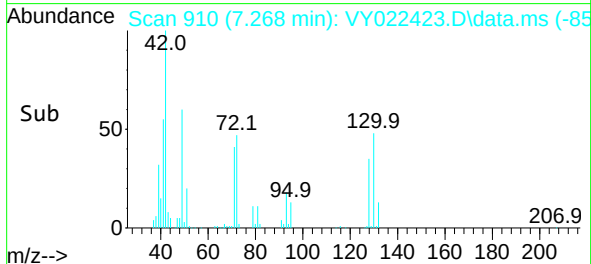
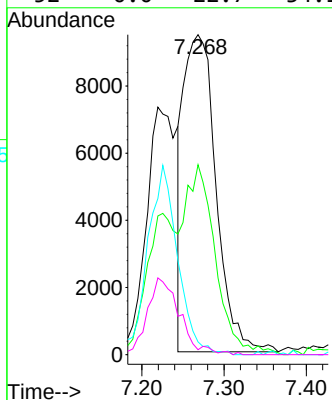
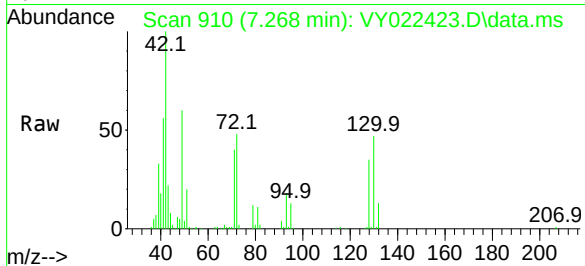




#41
Methacrylonitrile
Concen: 25.256 ug/l
RT: 7.268 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

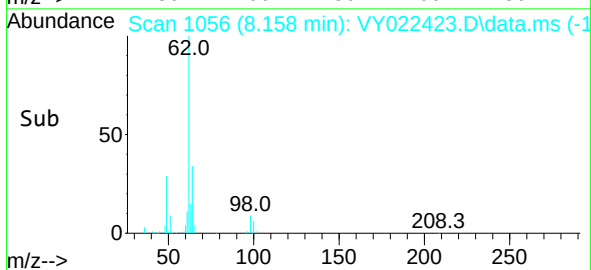
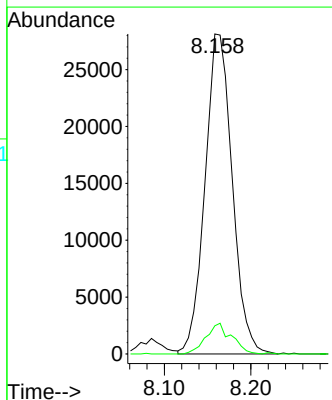
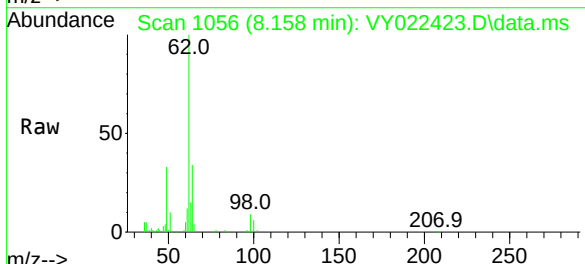
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

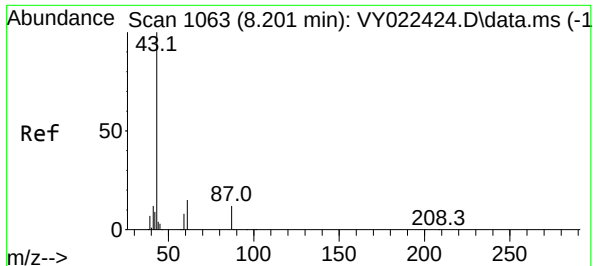
Tgt Ion: 41 Resp: 25890
Ion Ratio Lower Upper
41 100
39 56.6 40.4 60.6
67 0.0 53.0 79.4#
52 0.0 22.7 34.1#



#42
1,2-Dichloroethane
Concen: 19.699 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 62 Resp: 61523
Ion Ratio Lower Upper
62 100
98 9.0 0.0 18.4

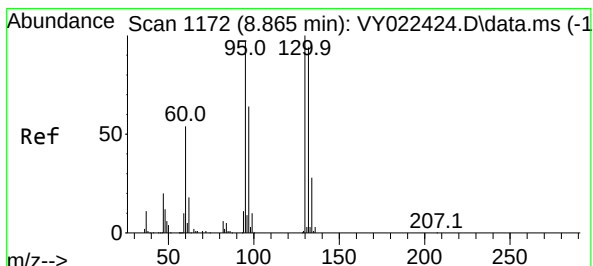
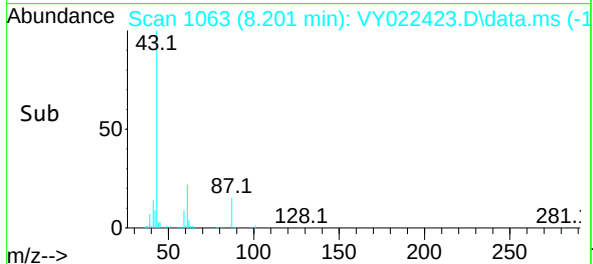
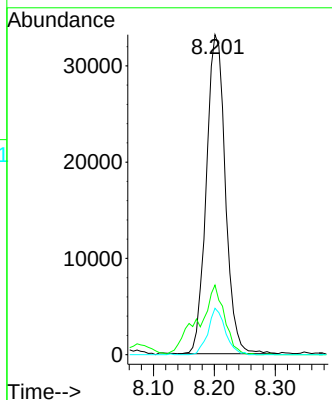
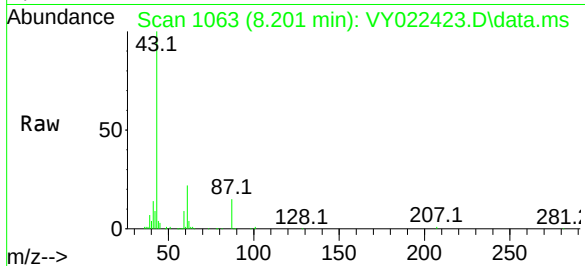




#43
Isopropyl Acetate
Concen: 19.483 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

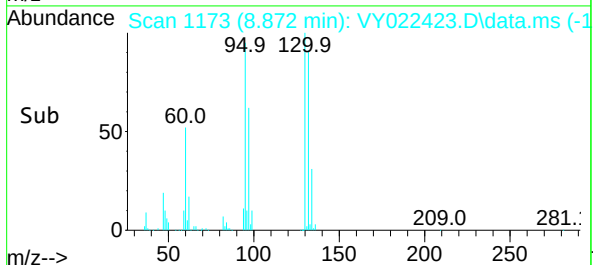
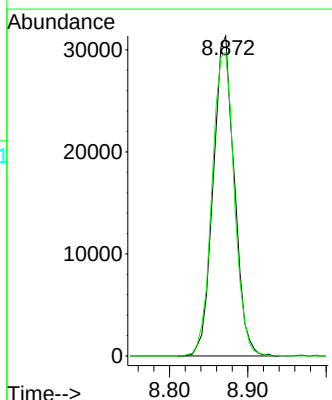
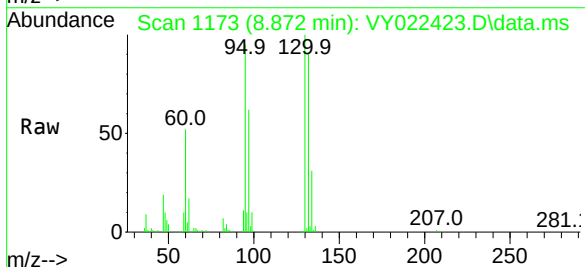
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

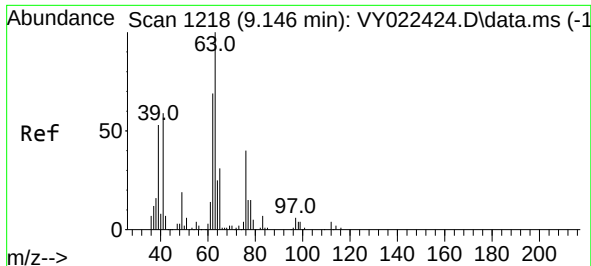
Tgt Ion: 43 Resp: 71905
Ion Ratio Lower Upper
43 100
61 30.1 15.4 23.0#
87 13.2 10.6 15.8



#44
Trichloroethene
Concen: 20.135 ug/l
RT: 8.872 min Scan# 1173
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:130 Resp: 58860
Ion Ratio Lower Upper
130 100
95 94.8 0.0 194.8





#45

1,2-Dichloropropane

Concen: 19.598 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

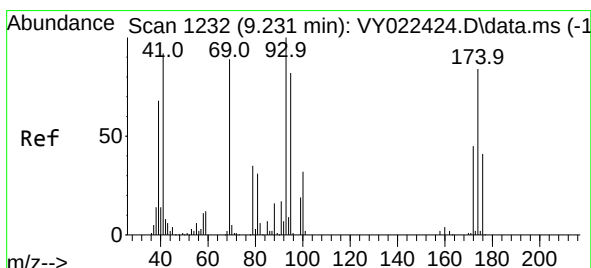
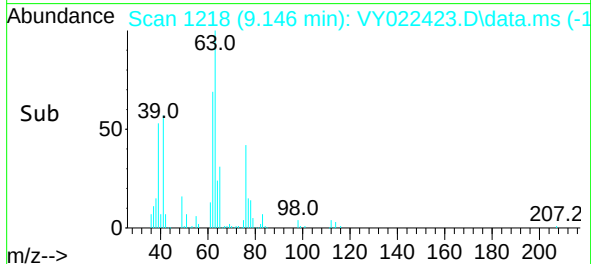
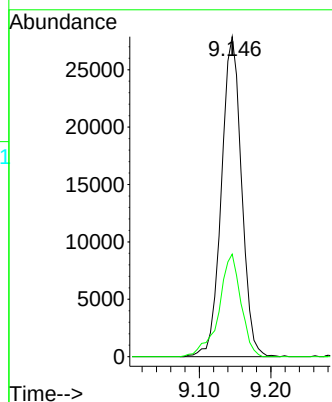
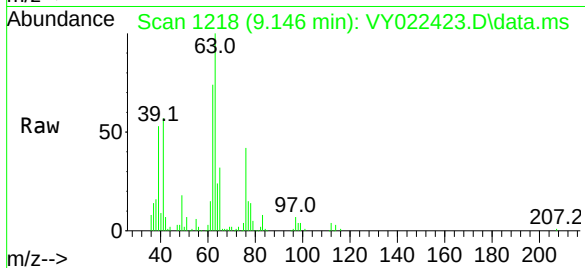
VSTDICC020

Tgt Ion: 63 Resp: 54451

Ion Ratio Lower Upper

63 100

65 32.1 25.1 37.7



#46

Dibromomethane

Concen: 19.122 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

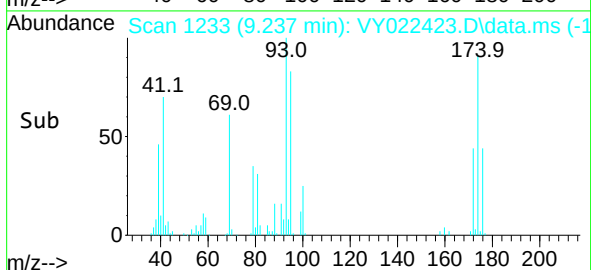
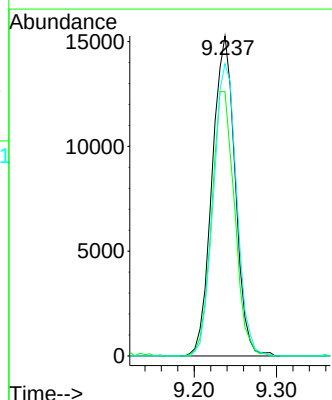
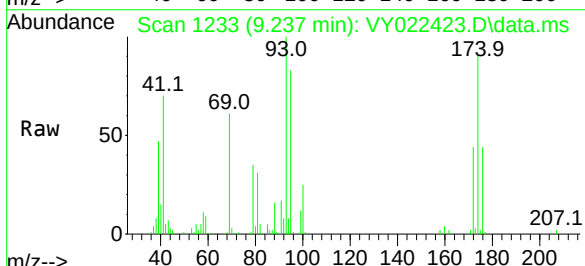
Tgt Ion: 93 Resp: 29679

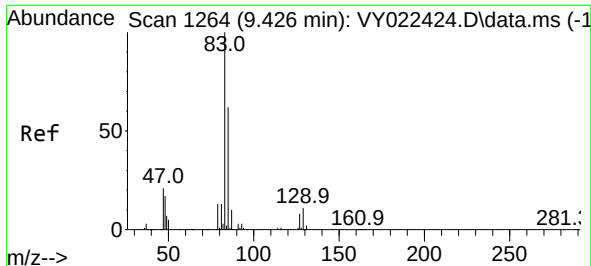
Ion Ratio Lower Upper

93 100

95 82.0 66.2 99.2

174 92.5 71.1 106.7





#47

Bromodichloromethane

Concen: 19.250 ug/l

RT: 9.426 min Scan# 1264

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

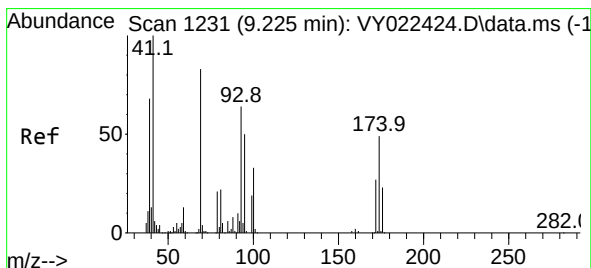
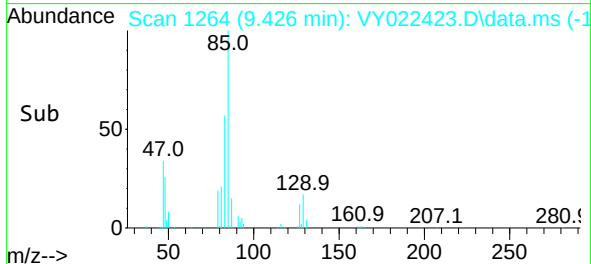
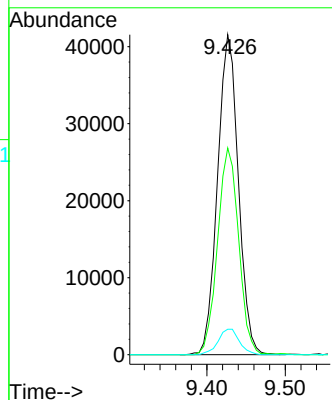
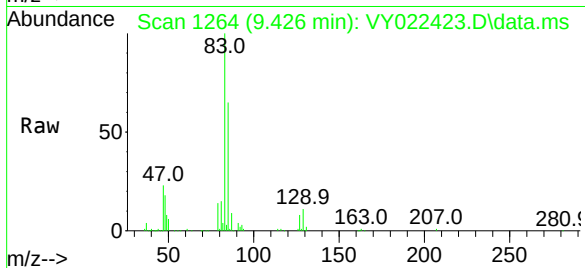
Tgt Ion: 83 Resp: 76833

Ion Ratio Lower Upper

83 100

85 64.6 49.8 74.6

127 8.0 6.6 9.8



#48

Methyl methacrylate

Concen: 19.218 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

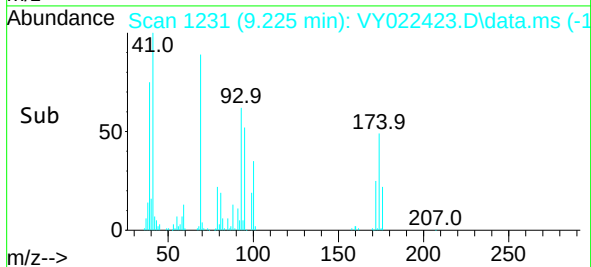
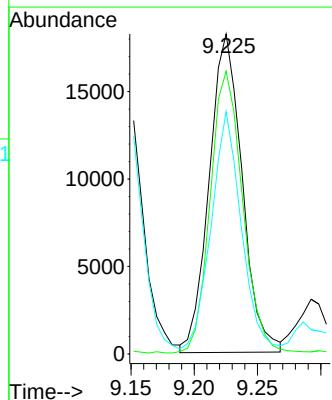
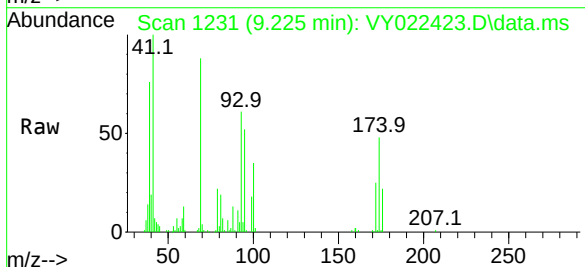
Tgt Ion: 41 Resp: 32925

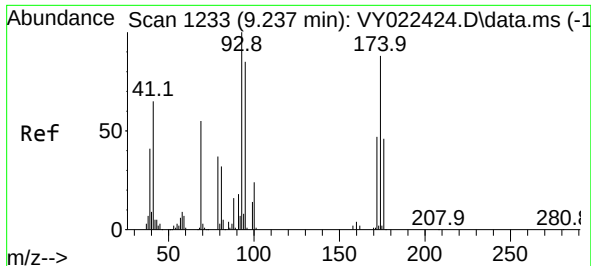
Ion Ratio Lower Upper

41 100

69 87.2 70.3 105.5

39 67.9 55.4 83.0





#49

1,4-Dioxane

Concen: 403.829 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

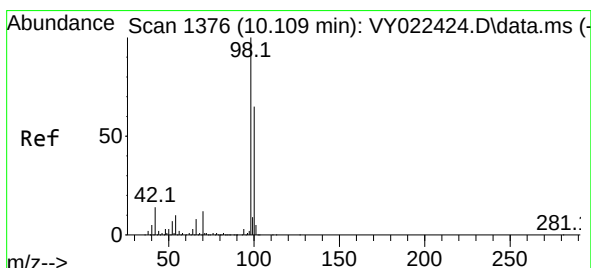
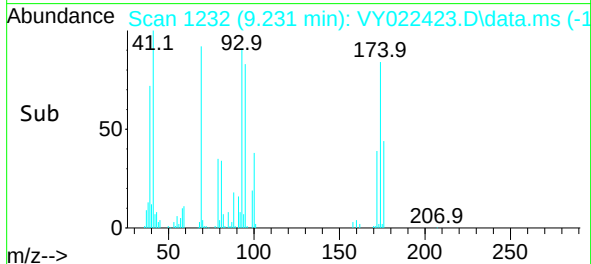
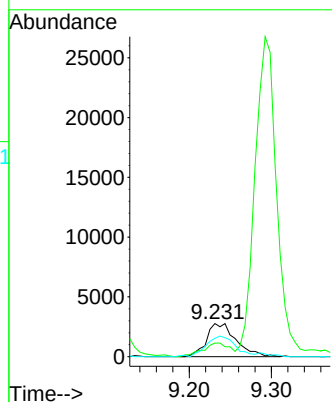
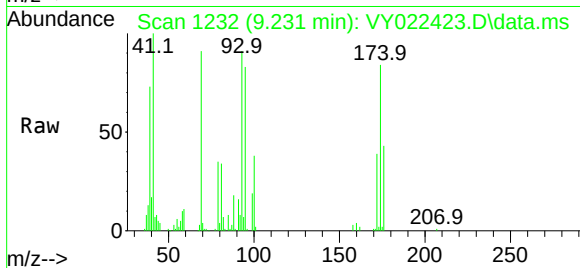
Tgt Ion: 88 Resp: 6923

Ion Ratio Lower Upper

88 100

43 37.7 26.9 40.3

58 61.5 55.8 83.6



#50

Toluene-d8

Concen: 19.571 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022423.D

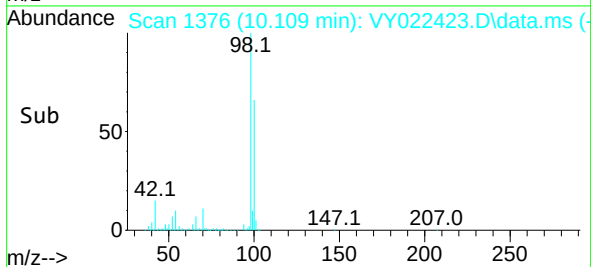
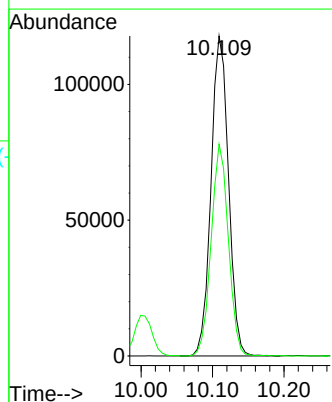
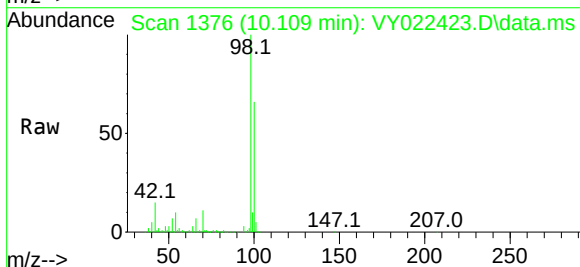
Acq: 27 May 2025 09:36

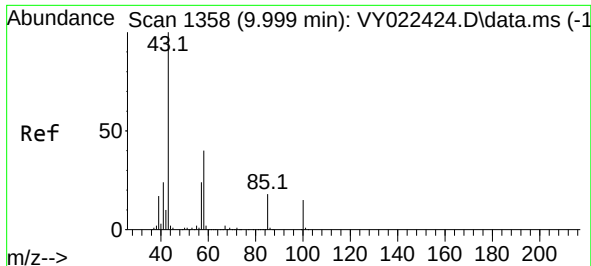
Tgt Ion: 98 Resp: 199816

Ion Ratio Lower Upper

98 100

100 65.2 52.2 78.2

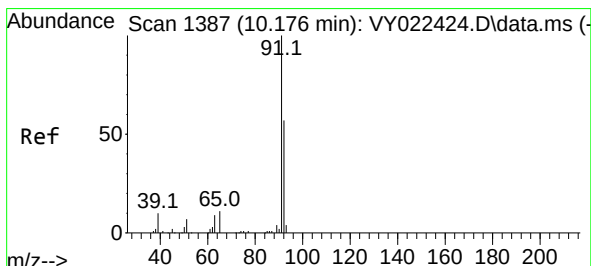
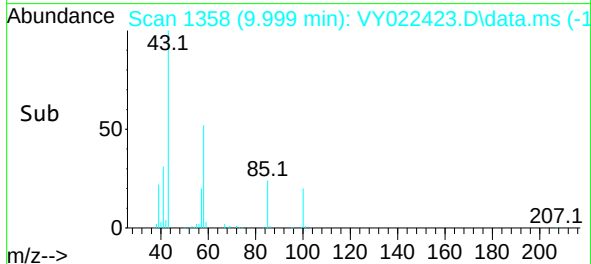
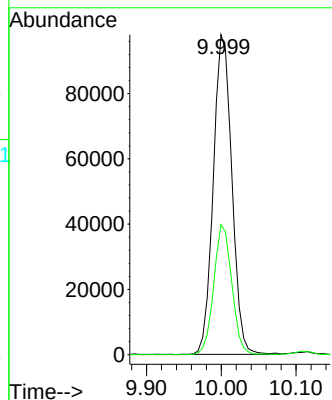
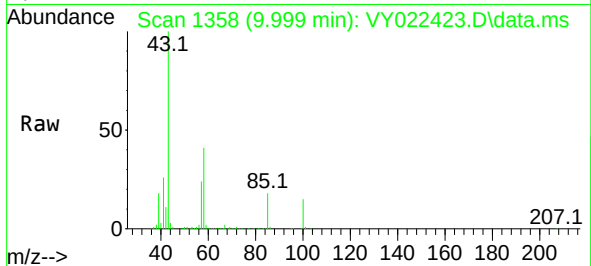




#51
4-Methyl-2-Pentanone
Concen: 92.837 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

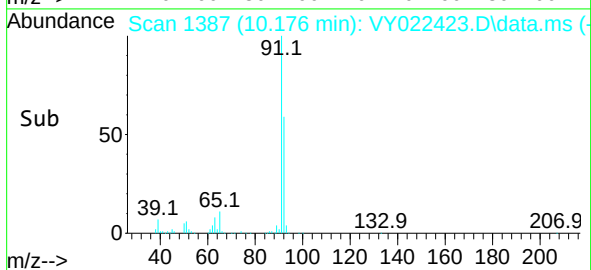
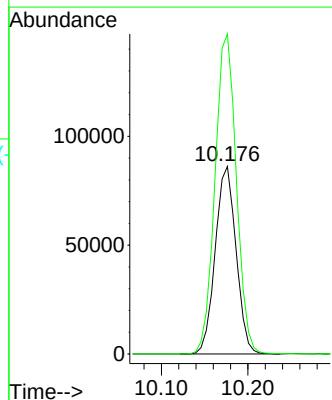
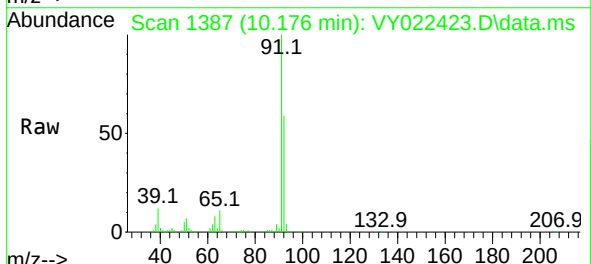
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

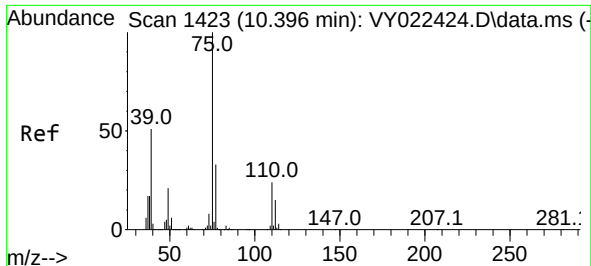
Tgt Ion: 43 Resp: 169056
Ion Ratio Lower Upper
43 100
58 39.6 31.2 46.8



#52
Toluene
Concen: 19.489 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 92 Resp: 143949
Ion Ratio Lower Upper
92 100
91 174.8 139.8 209.6

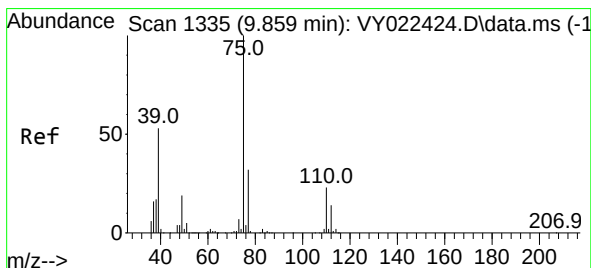
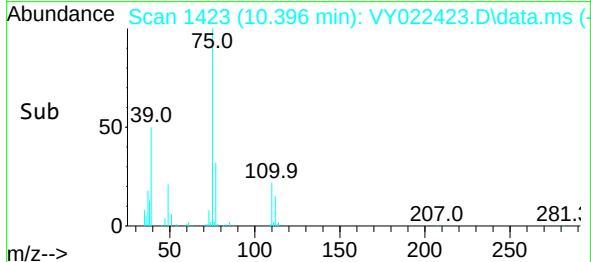
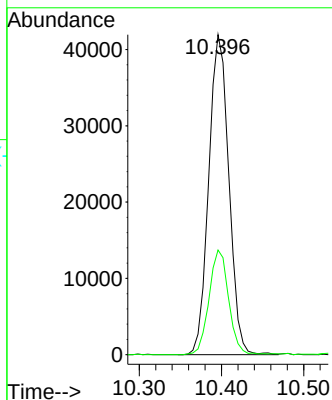
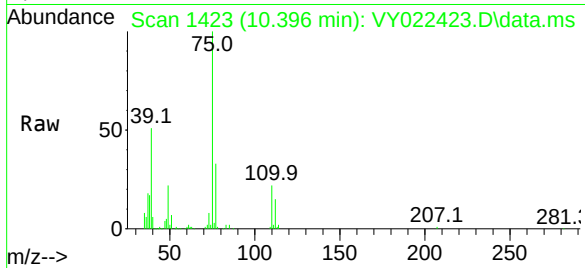




#53
 t-1,3-Dichloropropene
 Concen: 19.160 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

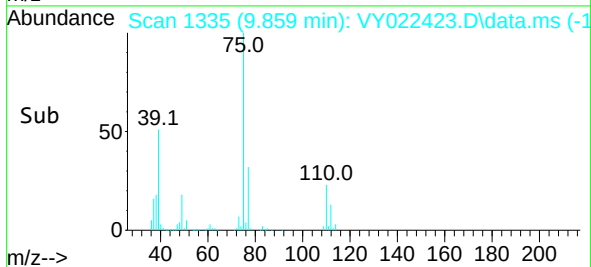
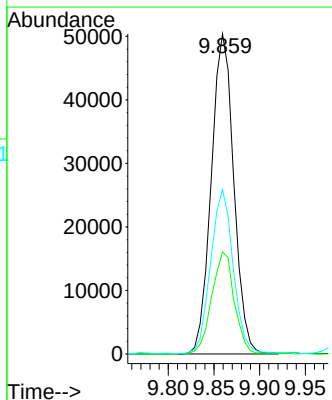
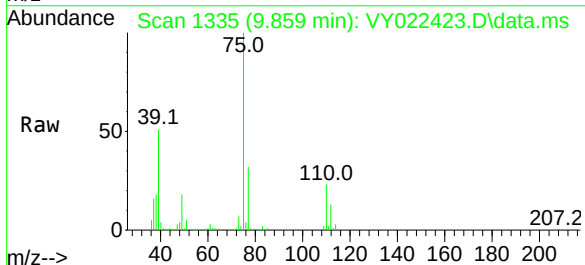
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

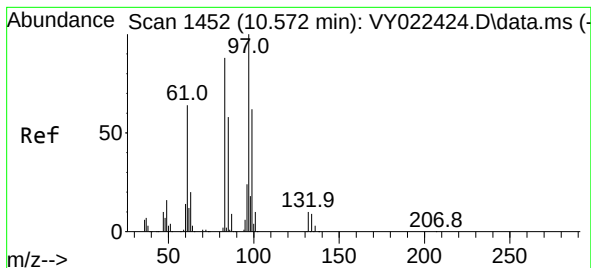
Tgt Ion: 75 Resp: 71231
 Ion Ratio Lower Upper
 75 100
 77 32.7 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 19.747 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion: 75 Resp: 86263
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.4 38.2
 39 51.2 42.5 63.7





#55

1,1,2-Trichloroethane

Concen: 19.713 ug/l

RT: 10.579 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

Tgt Ion: 97 Resp: 38684

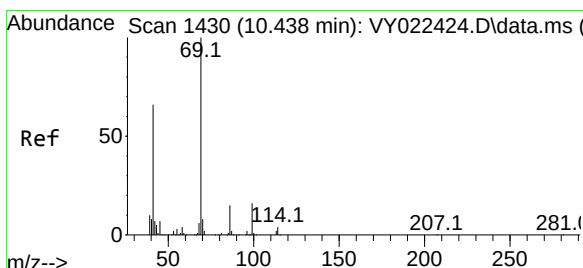
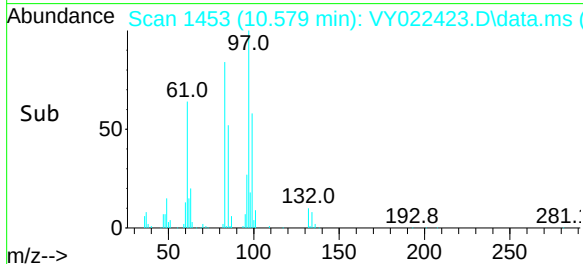
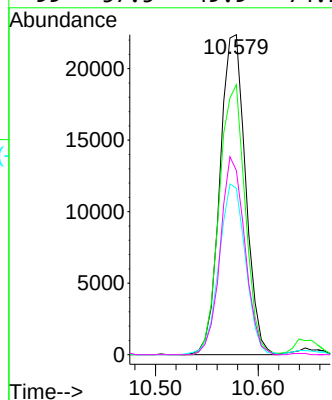
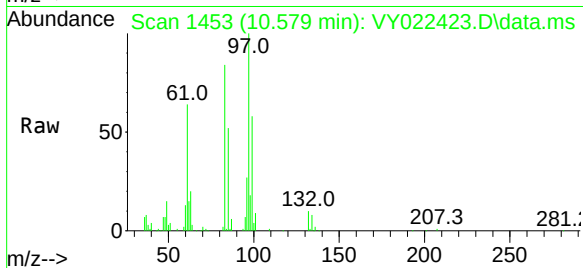
Ion Ratio Lower Upper

97 100

83 84.4 70.2 105.4

85 52.0 46.1 69.1

99 57.5 49.9 74.9



#56

Ethyl methacrylate

Concen: 19.140 ug/l

RT: 10.445 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

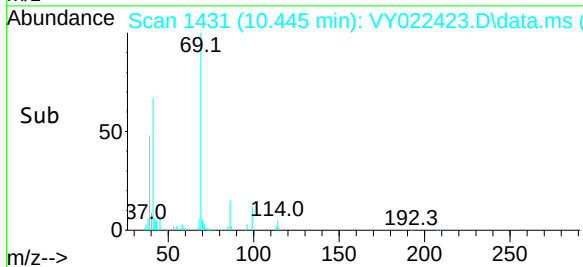
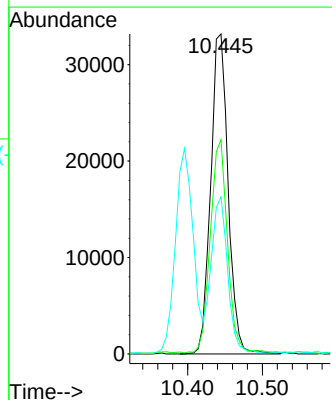
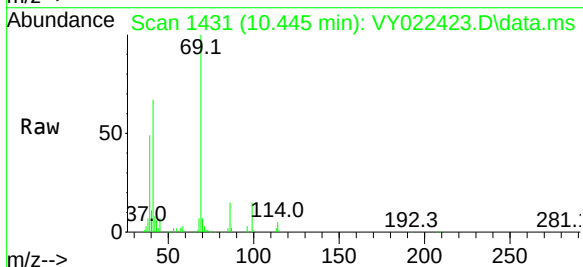
Tgt Ion: 69 Resp: 53900

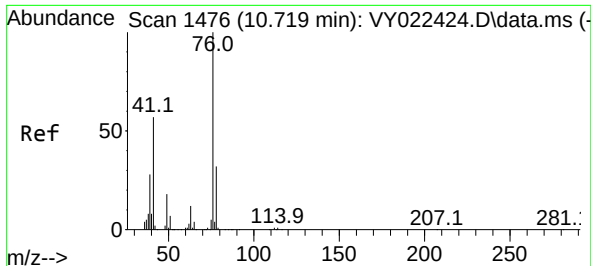
Ion Ratio Lower Upper

69 100

41 65.2 51.2 76.8

39 45.7 35.2 52.8





#57

1,3-Dichloropropane

Concen: 19.893 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

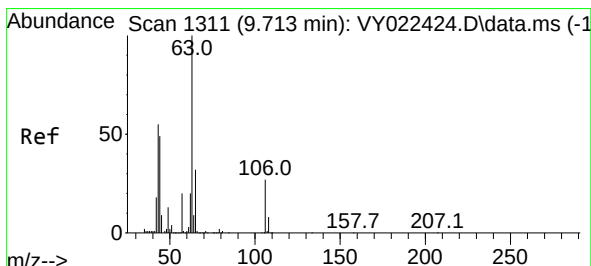
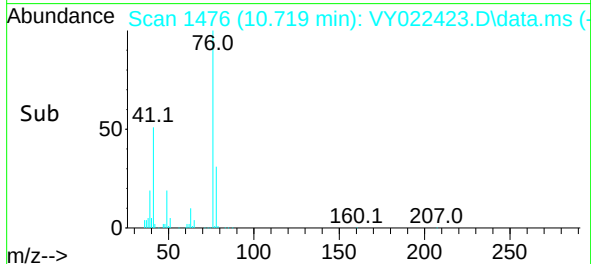
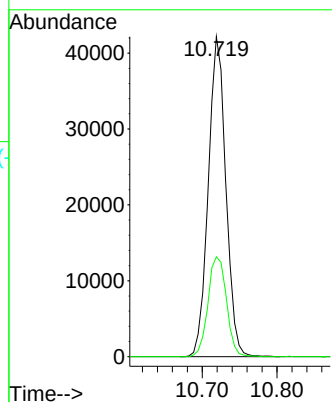
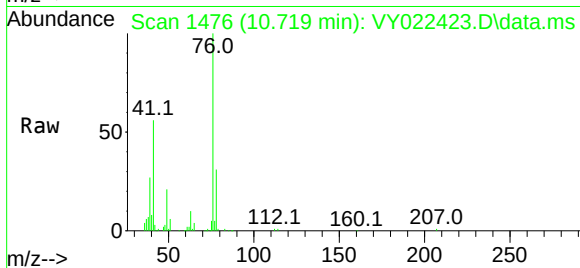
VSTDICC020

Tgt Ion: 76 Resp: 68793

Ion Ratio Lower Upper

76 100

78 32.8 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 93.311 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022423.D

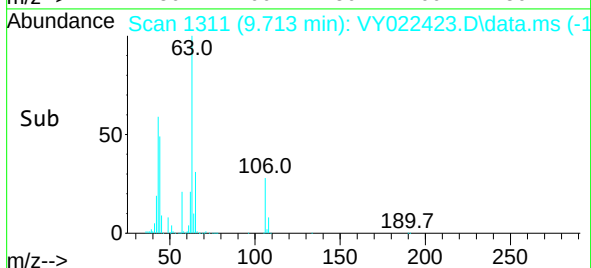
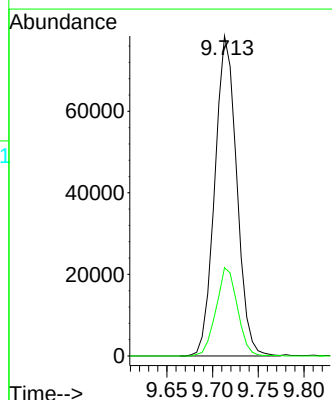
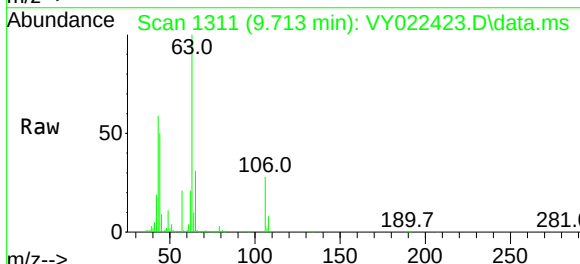
Acq: 27 May 2025 09:36

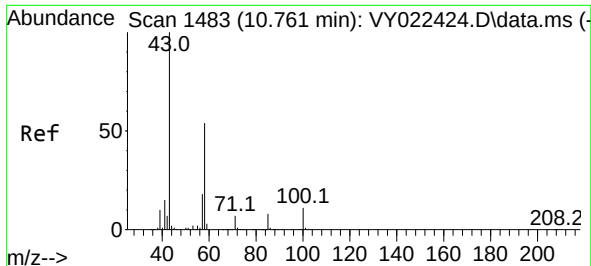
Tgt Ion: 63 Resp: 130961

Ion Ratio Lower Upper

63 100

106 26.9 22.2 33.2

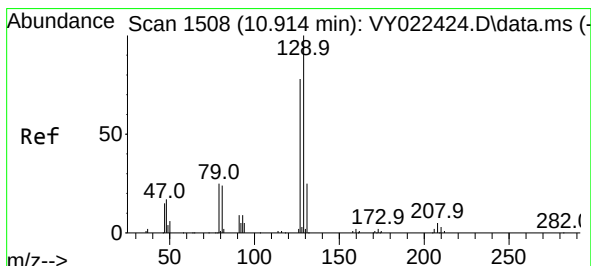
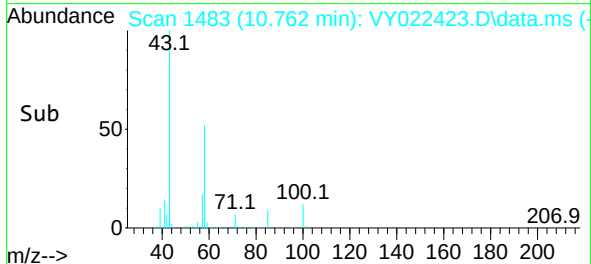
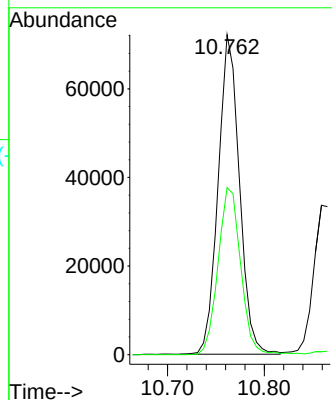
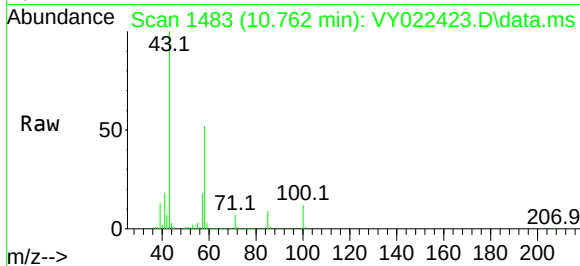




#59
2-Hexanone
Concen: 92.136 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

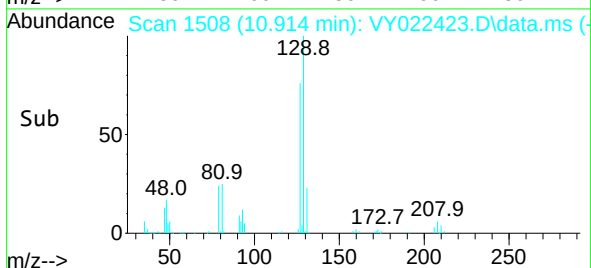
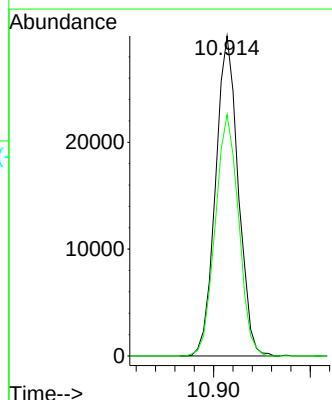
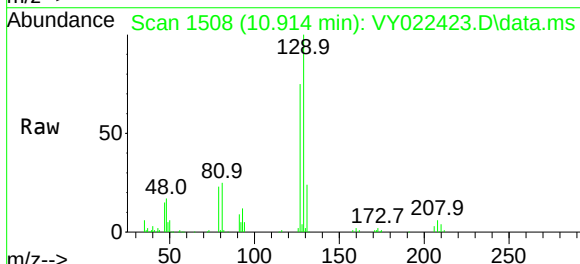
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

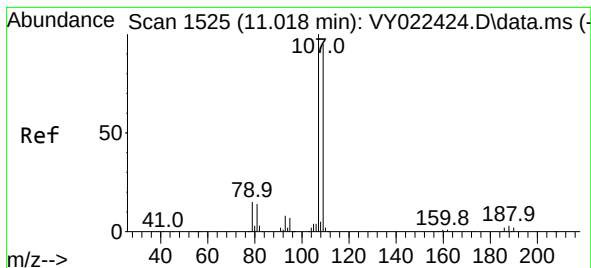
Tgt Ion: 43 Resp: 109954
Ion Ratio Lower Upper
43 100
58 55.9 27.1 81.2



#60
Dibromochloromethane
Concen: 19.384 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 129 Resp: 48590
Ion Ratio Lower Upper
129 100
127 77.5 38.3 114.8

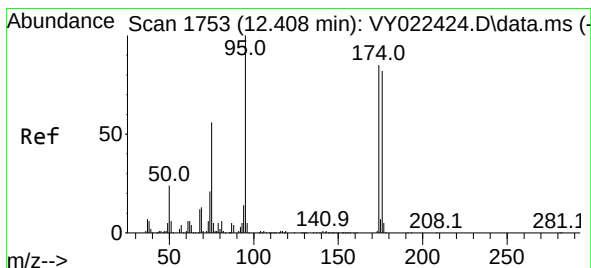
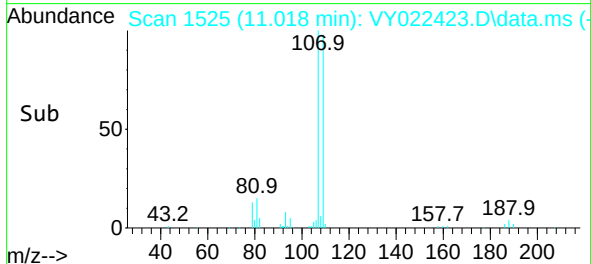
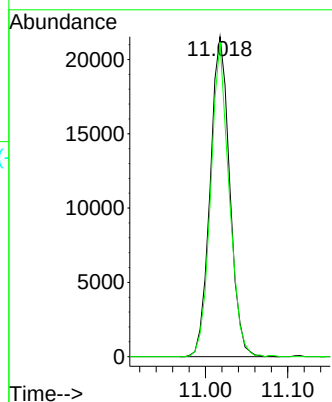
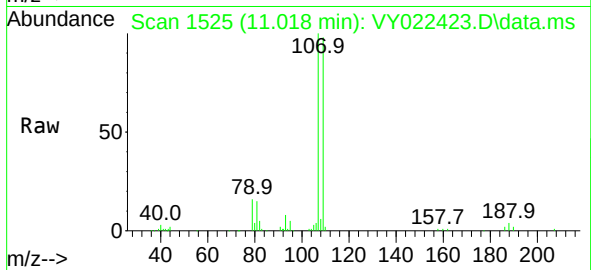




#61
1,2-Dibromoethane
Concen: 19.746 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

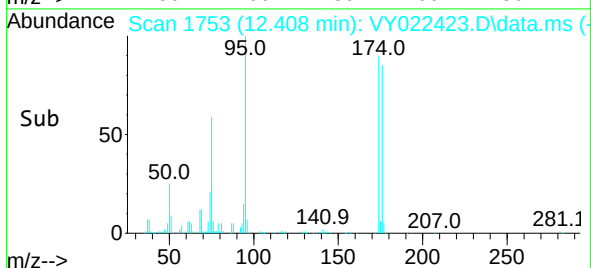
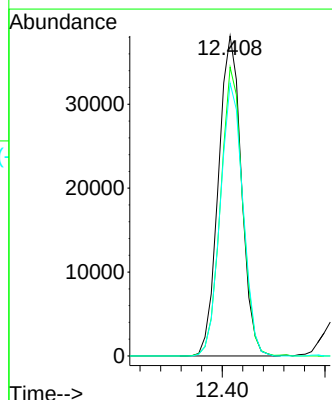
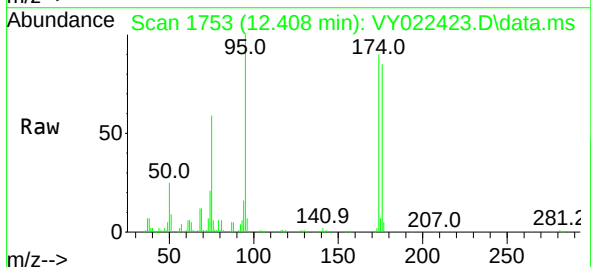
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

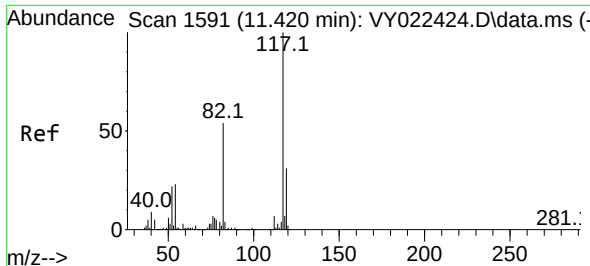
Tgt Ion:107 Resp: 35441
Ion Ratio Lower Upper
107 100
109 92.4 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 19.112 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 95 Resp: 59022
Ion Ratio Lower Upper
95 100
174 86.3 0.0 171.6
176 84.2 0.0 164.6

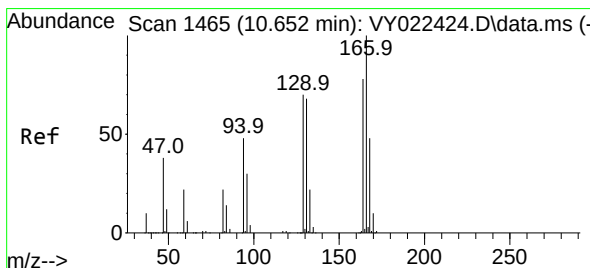
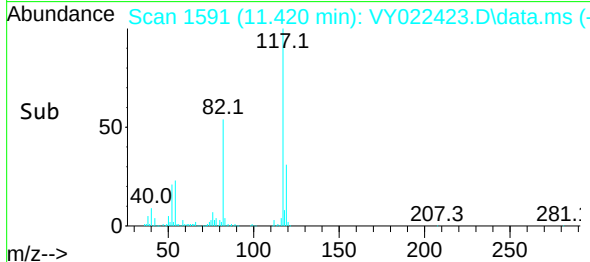
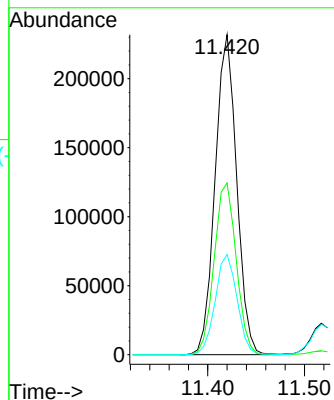
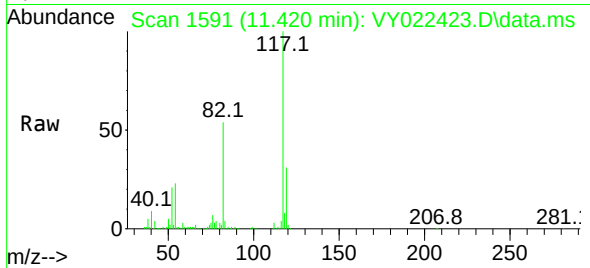




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

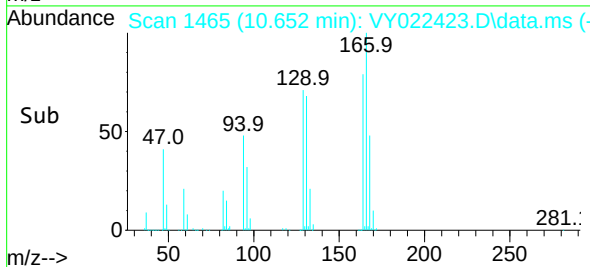
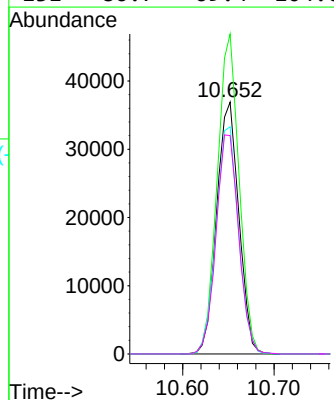
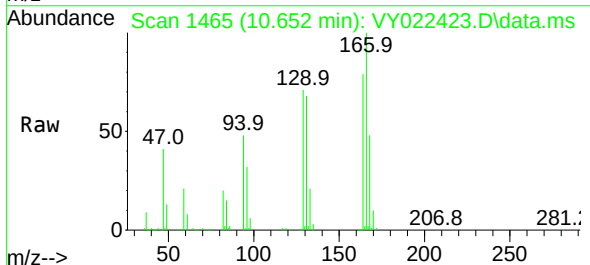
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

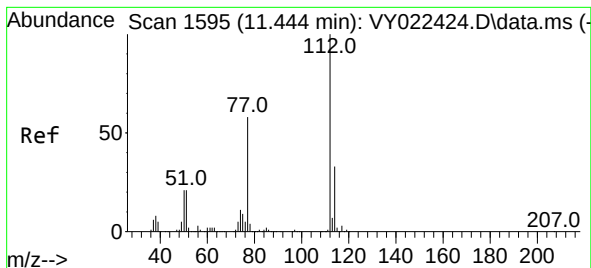
Tgt Ion:117 Resp: 358898
Ion Ratio Lower Upper
117 100
82 53.7 43.3 64.9
119 31.3 24.5 36.7



#64
Tetrachloroethene
Concen: 20.357 ug/l
RT: 10.652 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion:164 Resp: 62224
Ion Ratio Lower Upper
164 100
166 127.0 102.0 153.0
129 90.2 71.3 106.9
131 86.7 69.4 104.0





#65

Chlorobenzene

Concen: 19.709 ug/l

RT: 11.444 min Scan# 1595

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

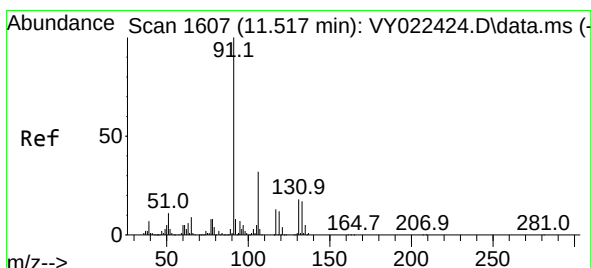
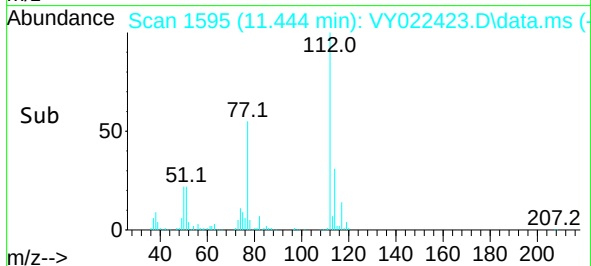
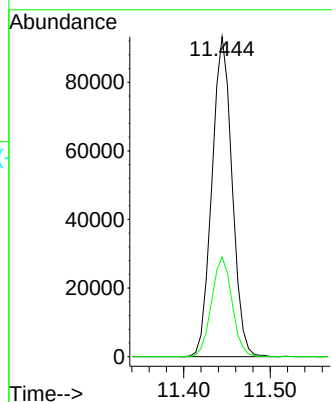
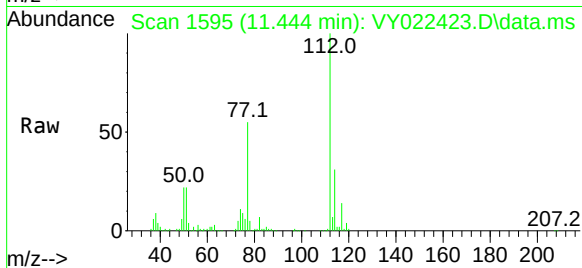
VSTDIC020

Tgt Ion:112 Resp: 150827

Ion Ratio Lower Upper

112 100

114 31.1 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 19.371 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

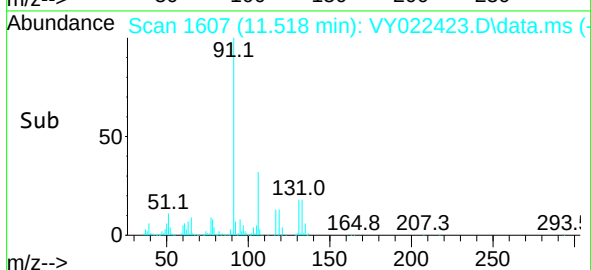
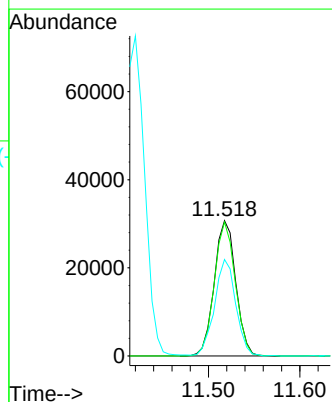
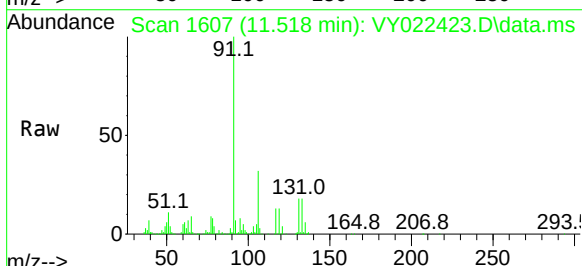
Tgt Ion:131 Resp: 50226

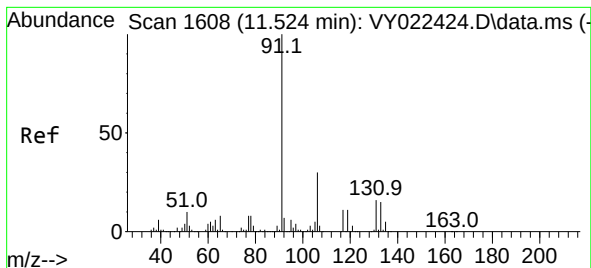
Ion Ratio Lower Upper

131 100

133 96.4 46.6 139.8

119 70.4 33.3 99.8





#67

Ethyl Benzene

Concen: 19.399 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

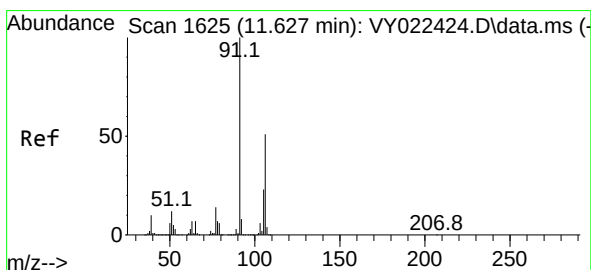
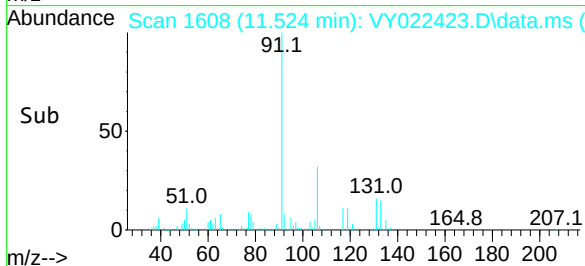
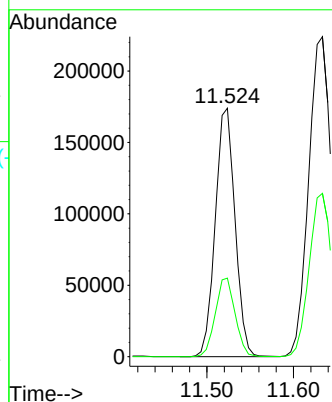
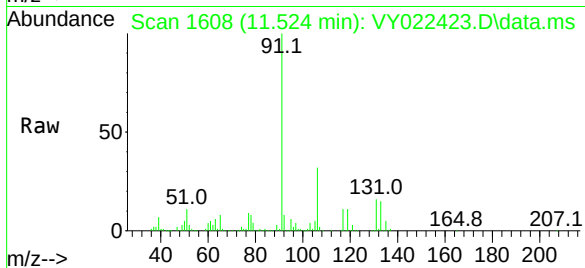
VSTDICC020

Tgt Ion: 91 Resp: 275656

Ion Ratio Lower Upper

91 100

106 31.6 24.4 36.6



#68

m/p-Xylenes

Concen: 38.557 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. 0.006 min

Lab File: VY022423.D

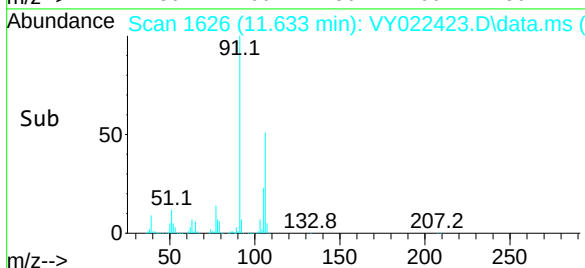
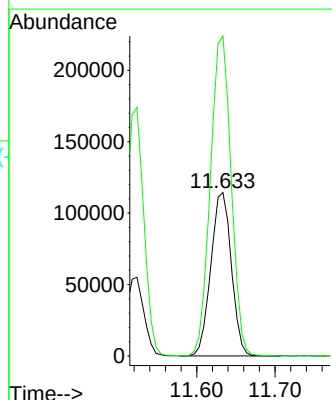
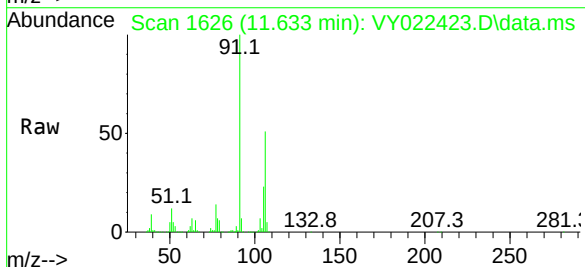
Acq: 27 May 2025 09:36

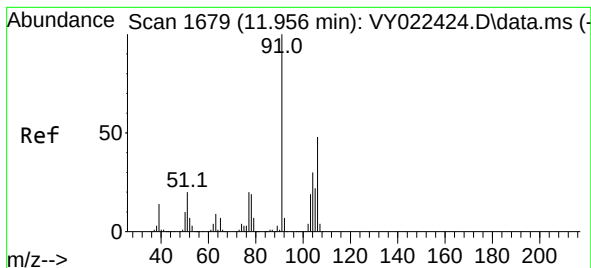
Tgt Ion:106 Resp: 207724

Ion Ratio Lower Upper

106 100

91 198.7 159.8 239.8





#69

o-Xylene

Concen: 19.075 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

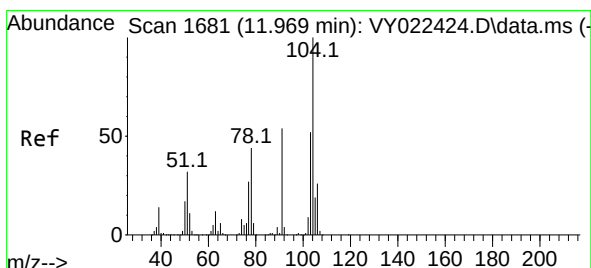
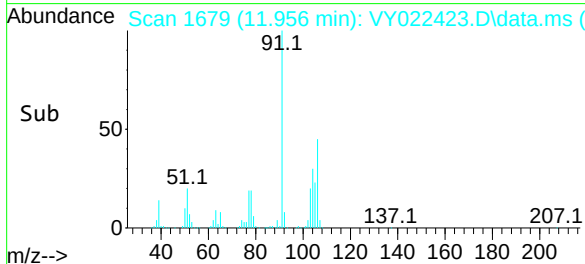
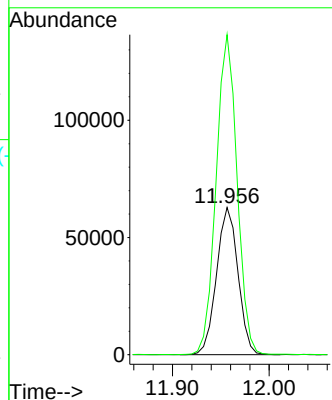
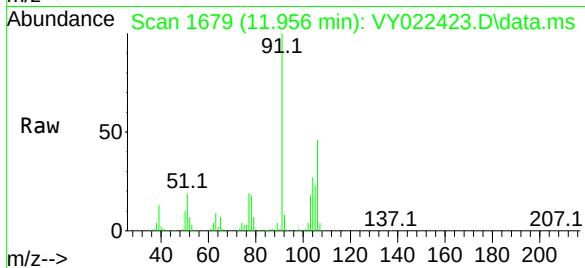
VSTDIC020

Tgt Ion:106 Resp: 96581

Ion Ratio Lower Upper

106 100

91 212.9 106.3 318.9



#70

Styrene

Concen: 19.023 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

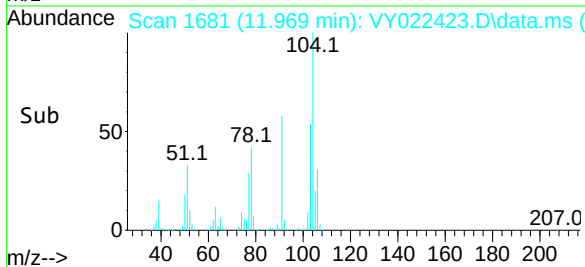
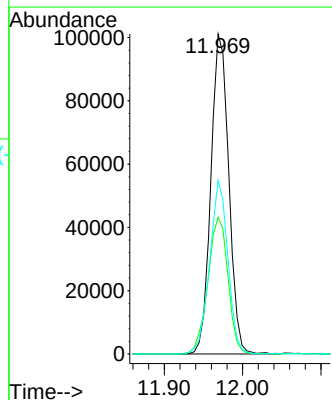
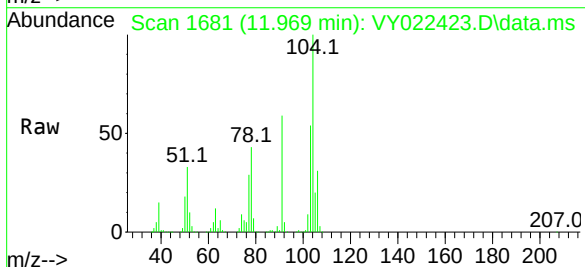
Tgt Ion:104 Resp: 160384

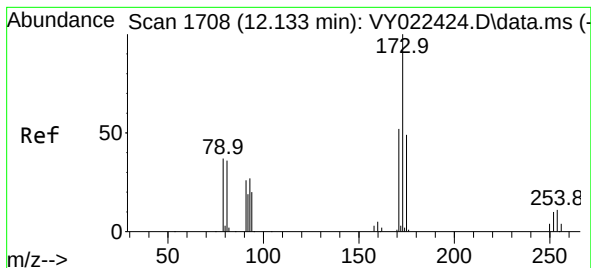
Ion Ratio Lower Upper

104 100

78 47.9 38.8 58.2

103 55.4 43.4 65.2





#71

Bromoform

Concen: 19.415 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

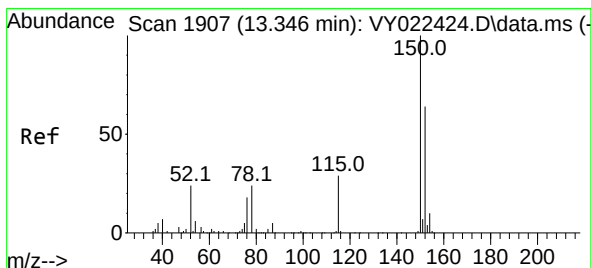
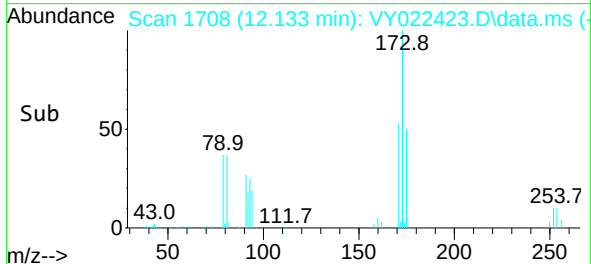
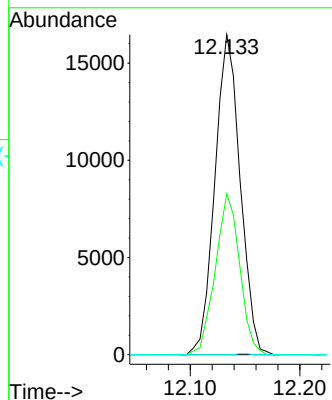
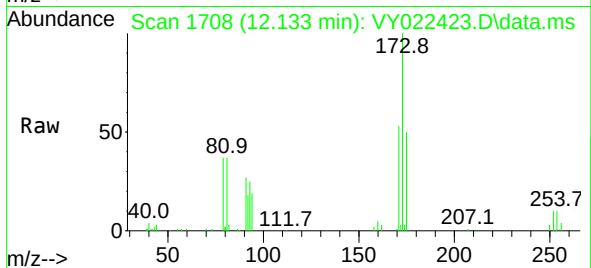
Tgt Ion:173 Resp: 26368

Ion Ratio Lower Upper

173 100

175 48.4 24.3 73.0

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

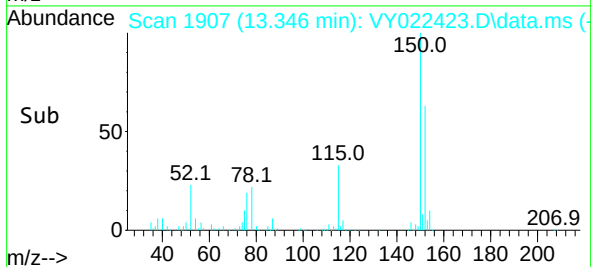
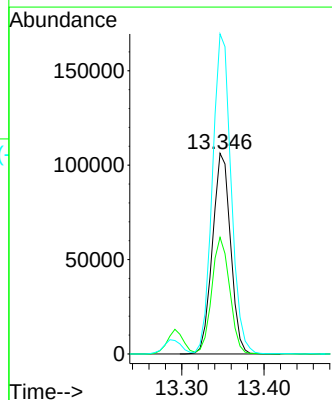
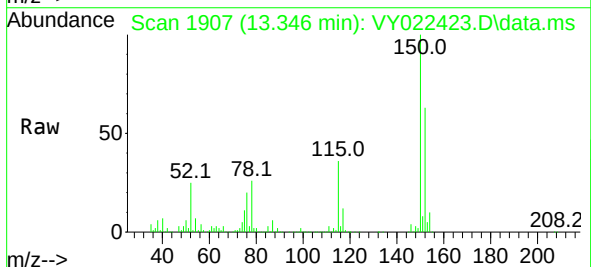
Tgt Ion:152 Resp: 162048

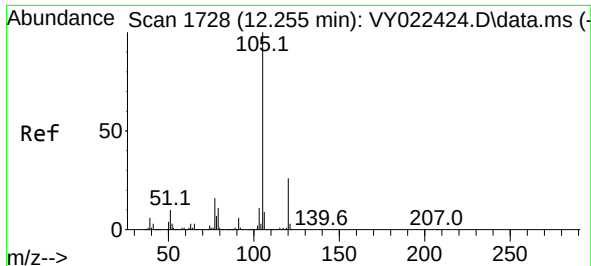
Ion Ratio Lower Upper

152 100

115 57.5 28.4 85.3

150 164.9 0.0 345.8

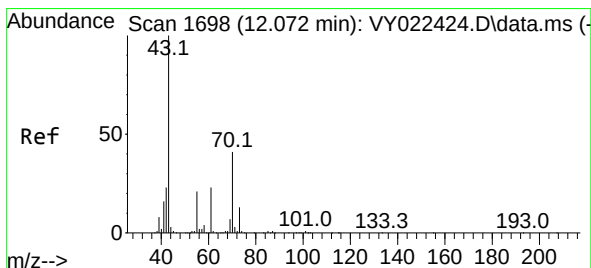
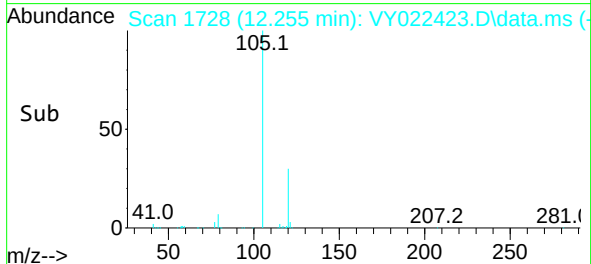
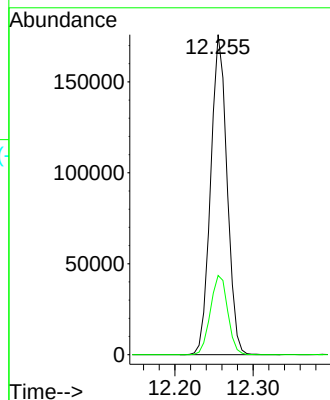
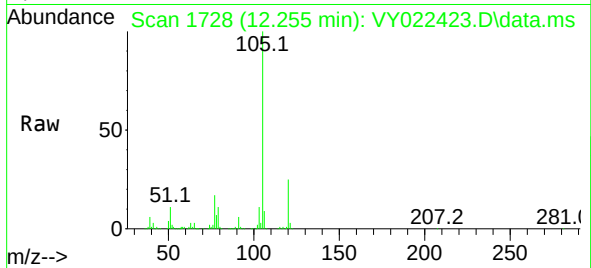




#73
Isopropylbenzene
Concen: 20.053 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

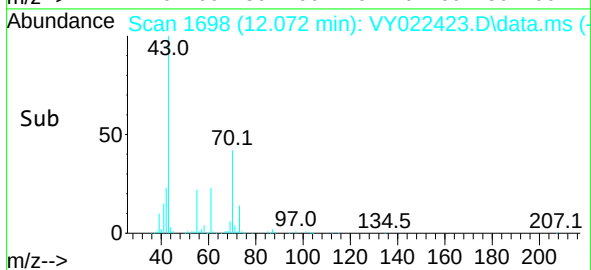
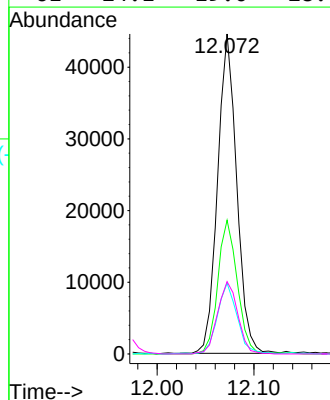
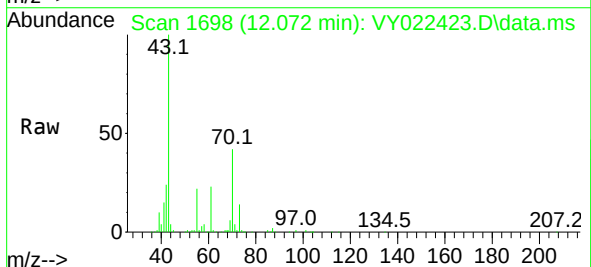
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

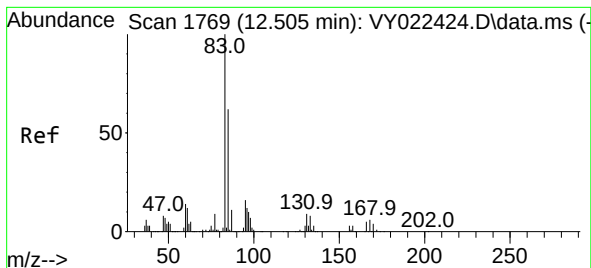
Tgt Ion:105 Resp: 255754
Ion Ratio Lower Upper
105 100
120 26.0 13.2 39.5



#74
N-ethyl acetate
Concen: 19.558 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 43 Resp: 61037
Ion Ratio Lower Upper
43 100
70 42.7 33.0 49.4
55 23.2 17.5 26.3
61 24.1 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.472 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

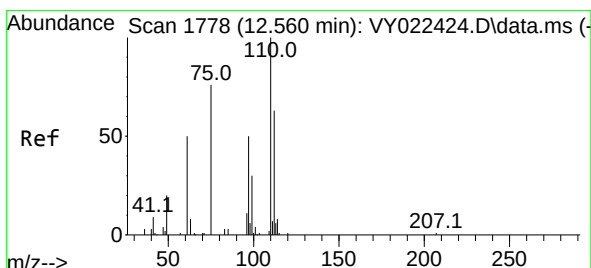
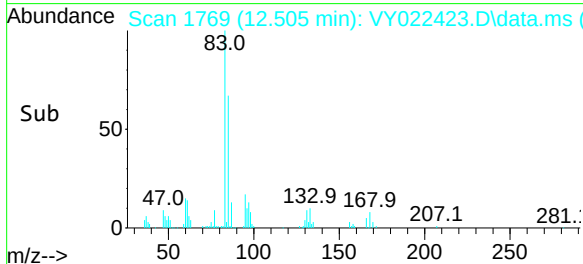
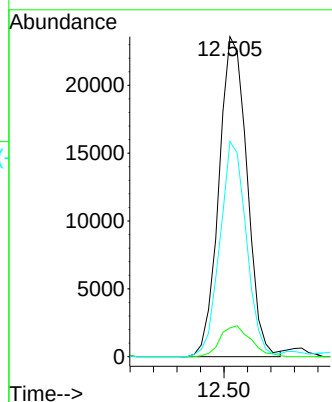
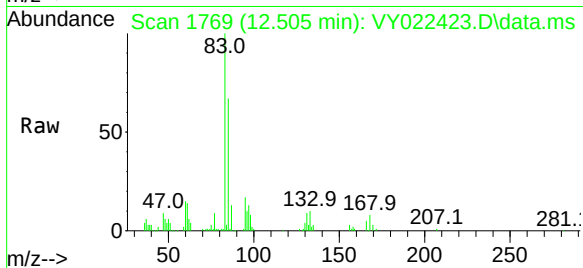
Tgt Ion: 83 Resp: 39127

Ion Ratio Lower Upper

83 100

131 10.6 4.8 14.4

85 63.5 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 35.129 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VY022423.D

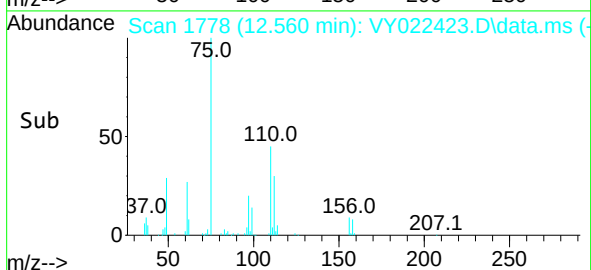
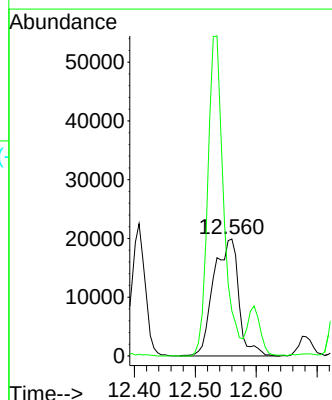
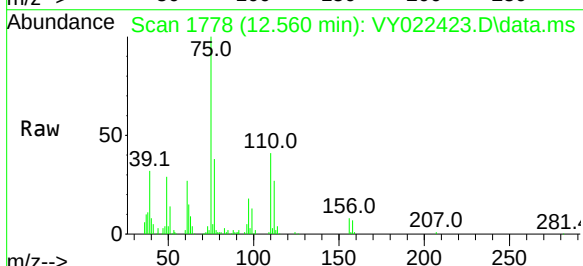
Acq: 27 May 2025 09:36

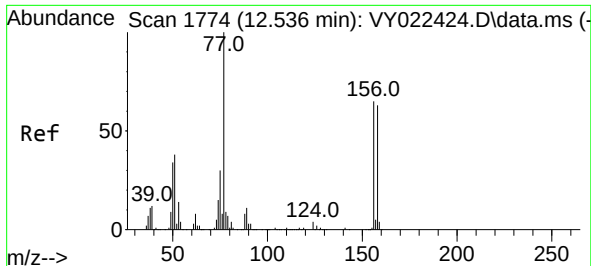
Tgt Ion: 75 Resp: 57021

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

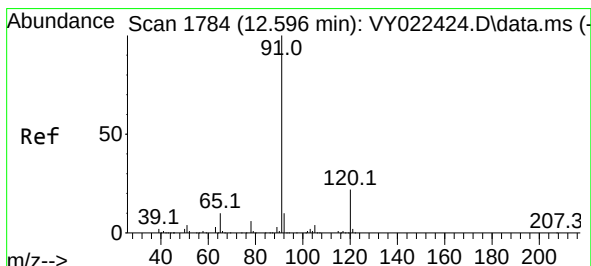
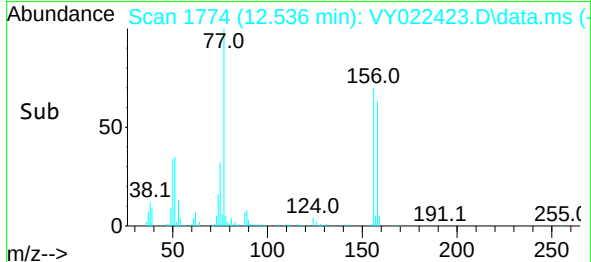
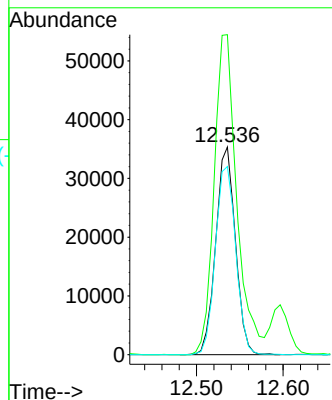
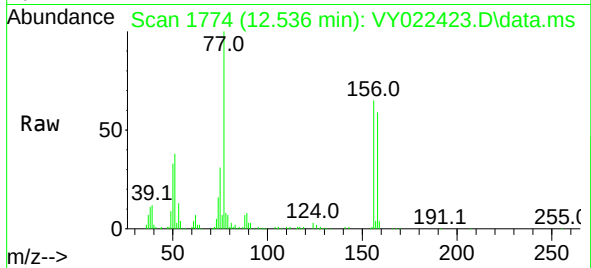




#77
Bromobenzene
Concen: 20.273 ug/l
RT: 12.536 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

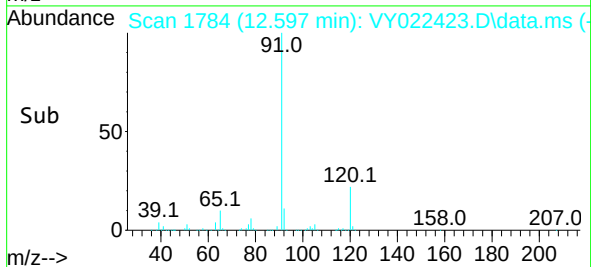
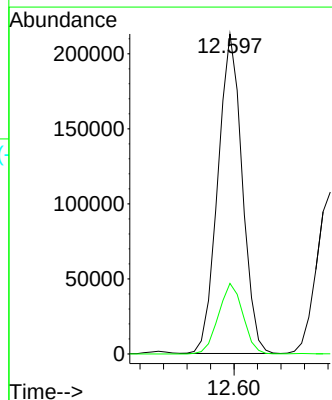
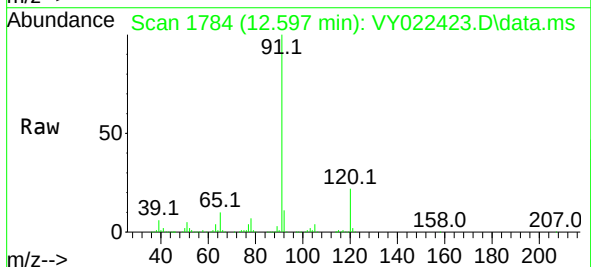
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

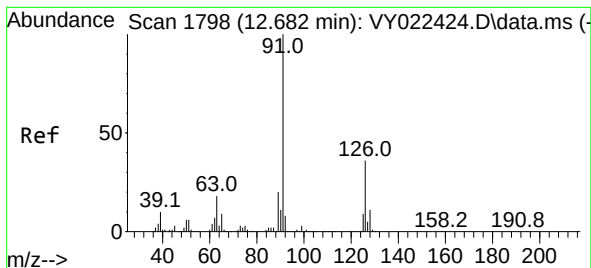
Tgt Ion:156 Resp: 55641
Ion Ratio Lower Upper
156 100
77 178.1 91.4 274.2
158 94.6 48.1 144.3



#78
n-propylbenzene
Concen: 20.024 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 91 Resp: 306474
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.5





#79

2-Chlorotoluene

Concen: 19.752 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

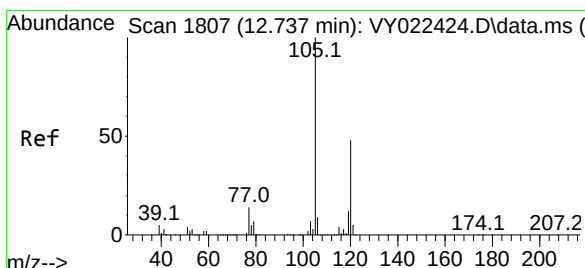
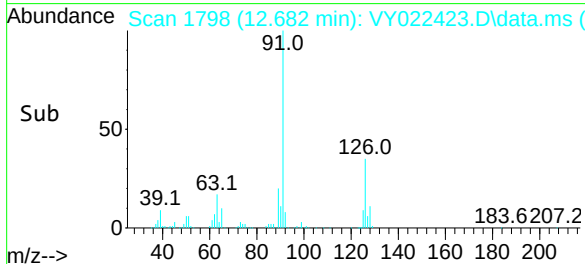
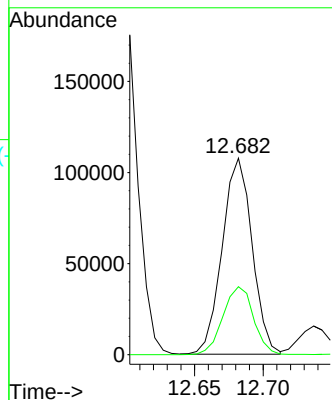
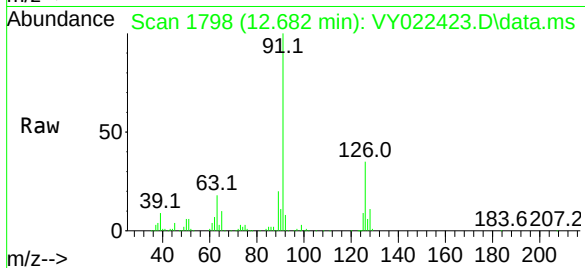
VSTDIC020

Tgt Ion: 91 Resp: 163649

Ion Ratio Lower Upper

91 100

126 35.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.944 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY022423.D

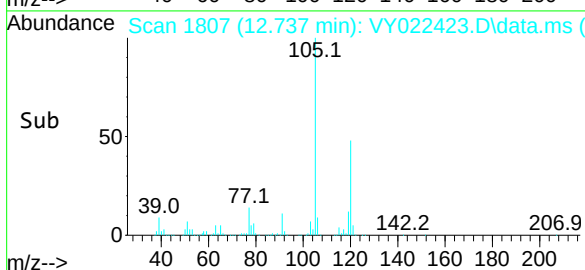
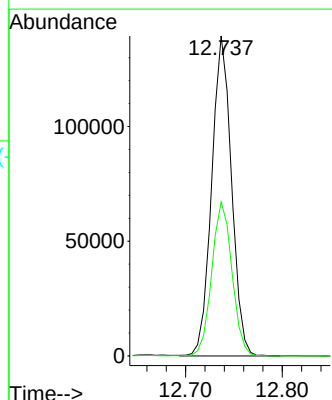
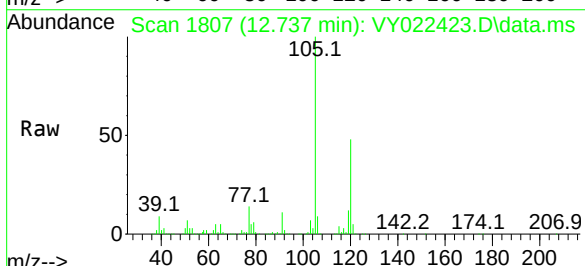
Acq: 27 May 2025 09:36

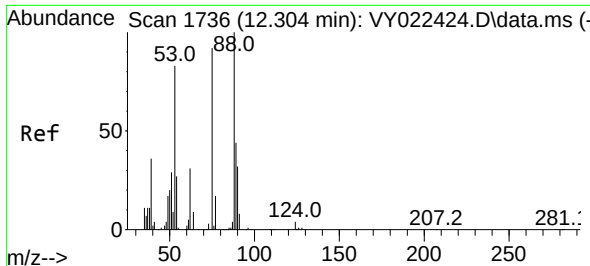
Tgt Ion: 105 Resp: 198748

Ion Ratio Lower Upper

105 100

120 49.0 24.3 73.0

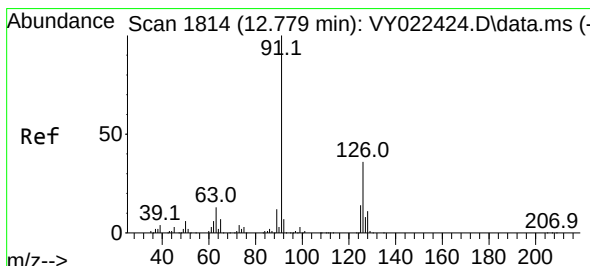
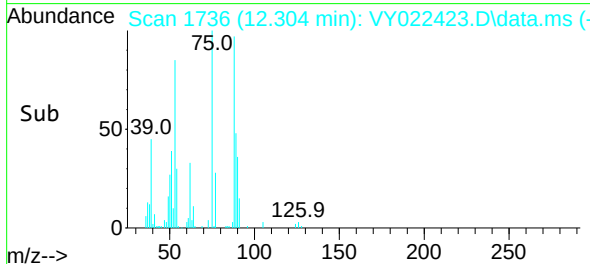
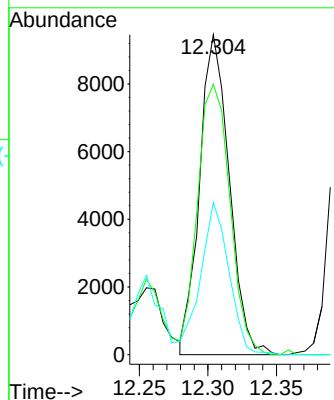
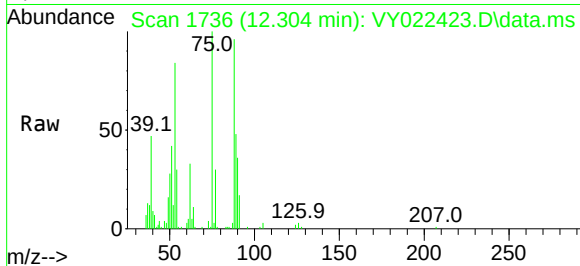




#81
trans-1,4-Dichloro-2-butene
Concen: 19.863 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

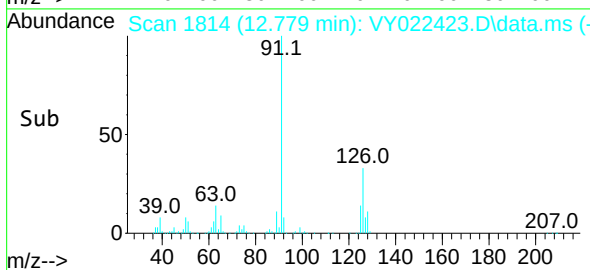
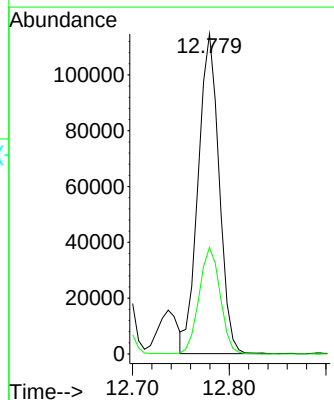
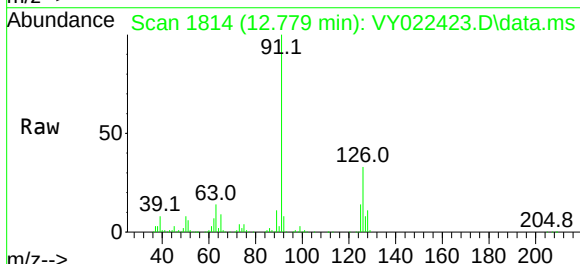
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

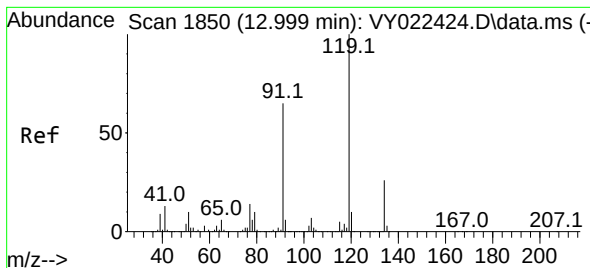
Tgt Ion: 75 Resp: 14257
Ion Ratio Lower Upper
75 100
53 91.9 75.1 112.7
89 46.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.140 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 91 Resp: 171858
Ion Ratio Lower Upper
91 100
126 33.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.975 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC020

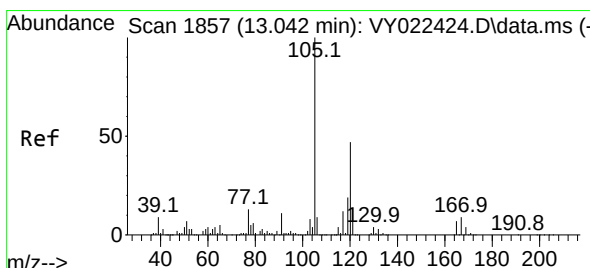
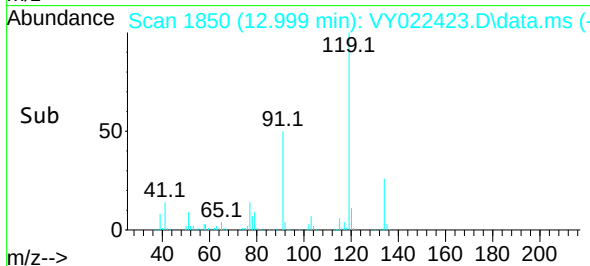
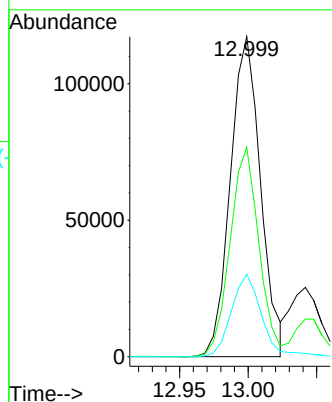
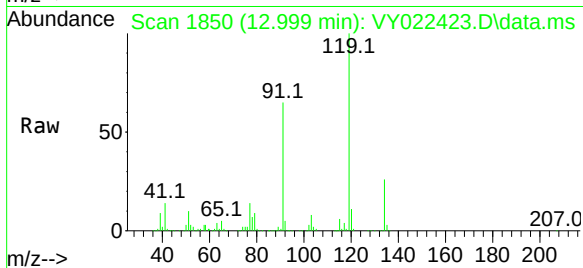
Tgt Ion:119 Resp: 179841

Ion Ratio Lower Upper

119 100

91 62.3 31.8 95.3

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.640 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY022423.D

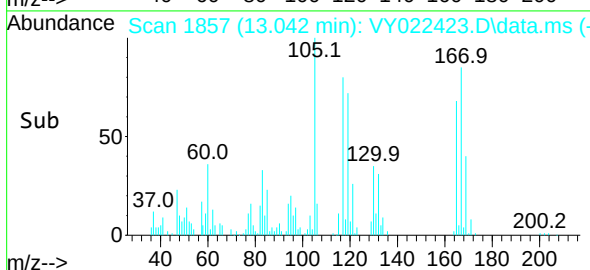
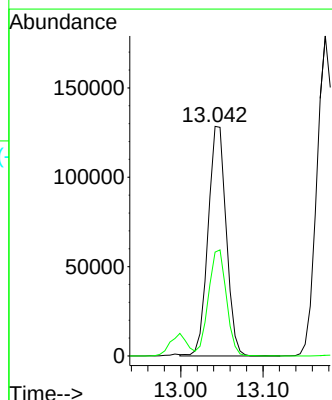
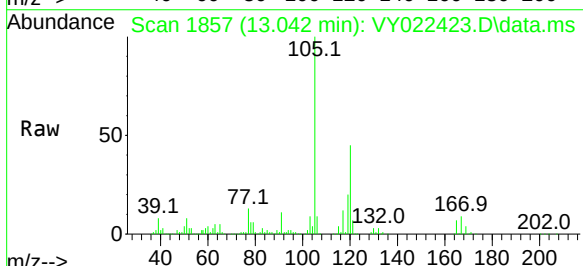
Acq: 27 May 2025 09:36

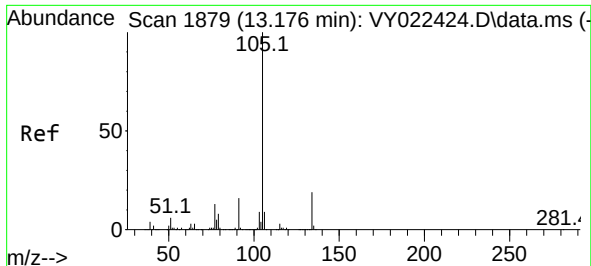
Tgt Ion:105 Resp: 196951

Ion Ratio Lower Upper

105 100

120 45.6 22.9 68.5

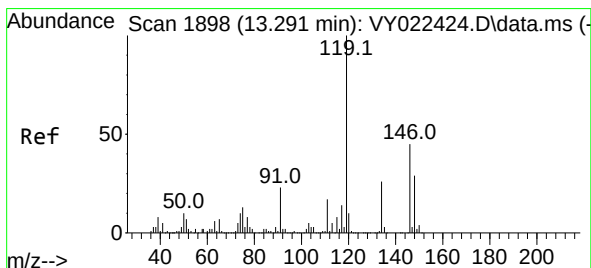
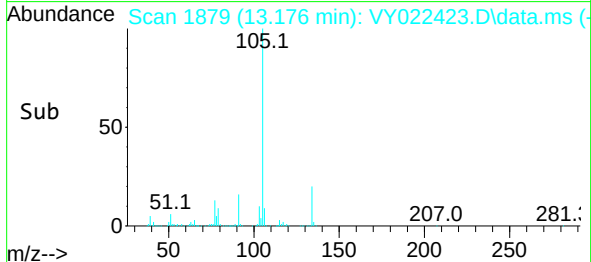
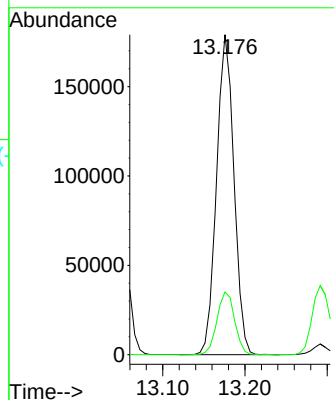
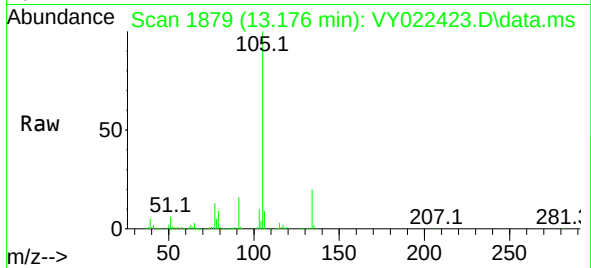




#85
 sec-Butylbenzene
 Concen: 19.753 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

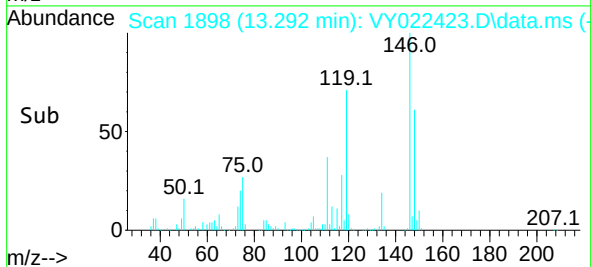
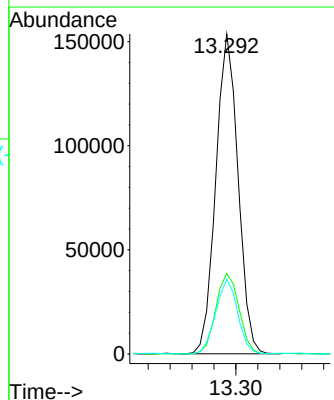
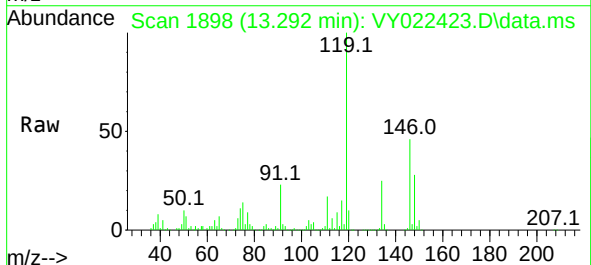
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

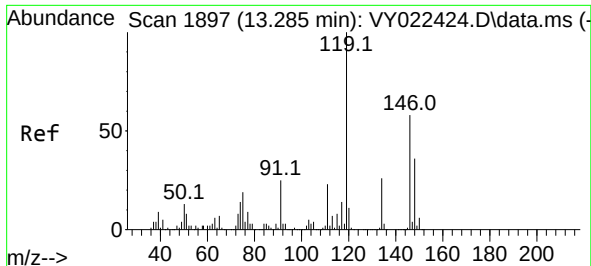
Tgt Ion:105 Resp: 263748
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.393 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion:119 Resp: 216227
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 23.1 11.6 34.8

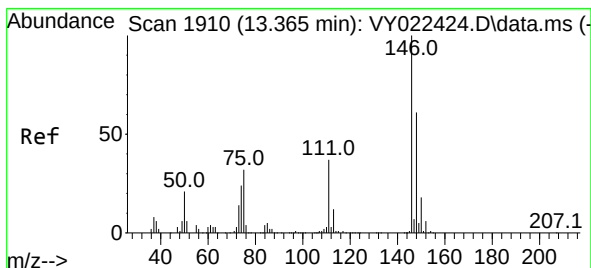
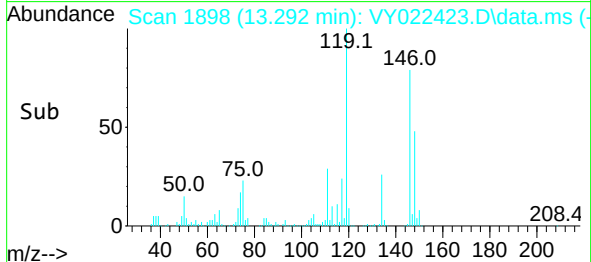
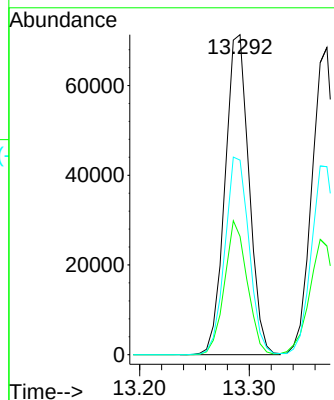
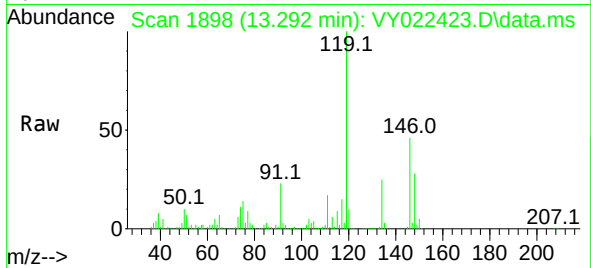




#87
 1,3-Dichlorobenzene
 Concen: 19.644 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

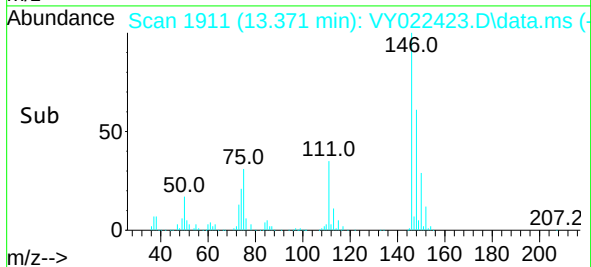
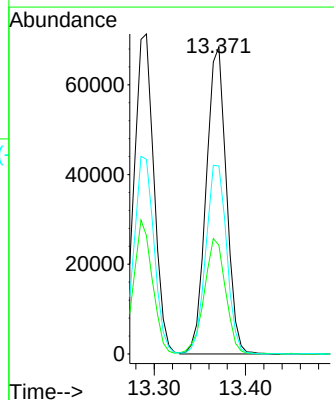
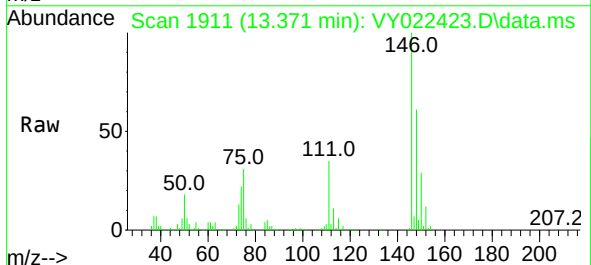
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

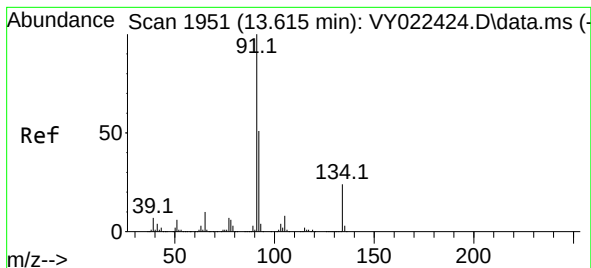
Tgt Ion:146 Resp: 108479
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.6 58.8
 148 62.3 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.845 ug/l
 RT: 13.371 min Scan# 1911
 Delta R.T. 0.006 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion:146 Resp: 104788
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.7 56.1
 148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 19.768 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

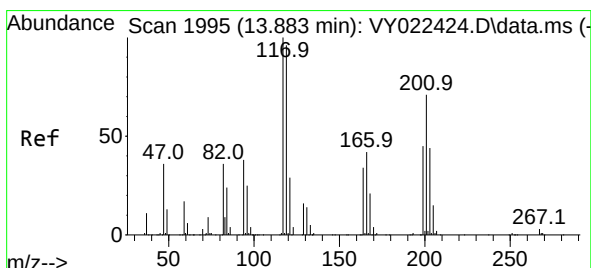
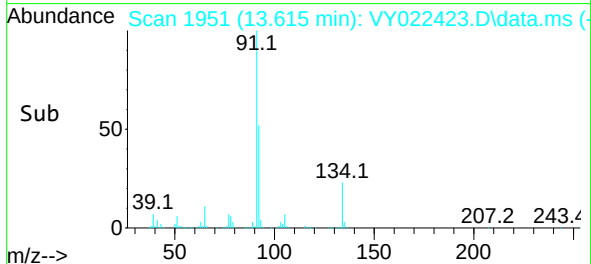
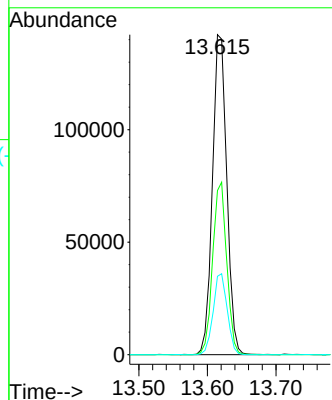
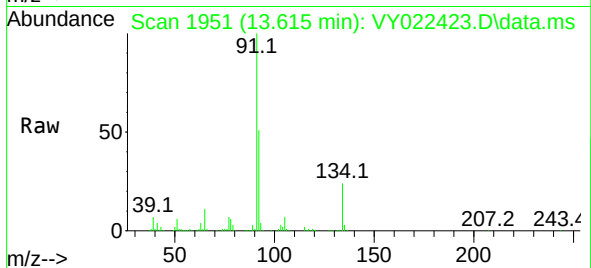
Tgt Ion: 91 Resp: 206658

Ion Ratio Lower Upper

91 100

92 52.9 25.9 77.6

134 24.8 12.4 37.0



#90

Hexachloroethane

Concen: 19.857 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022423.D

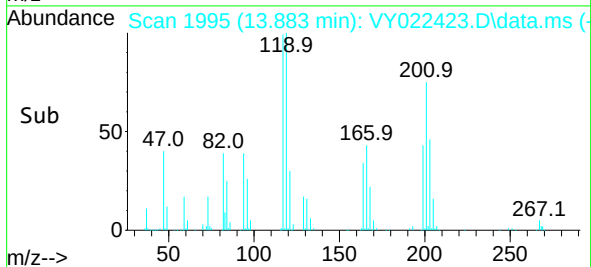
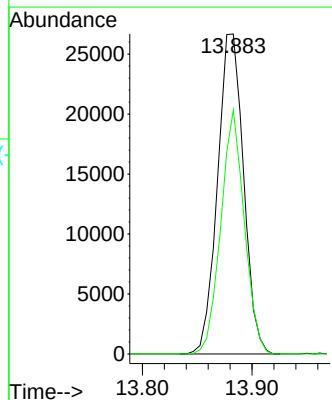
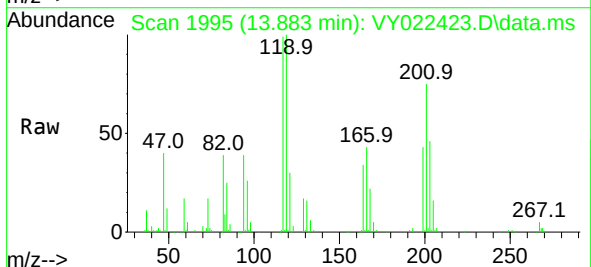
Acq: 27 May 2025 09:36

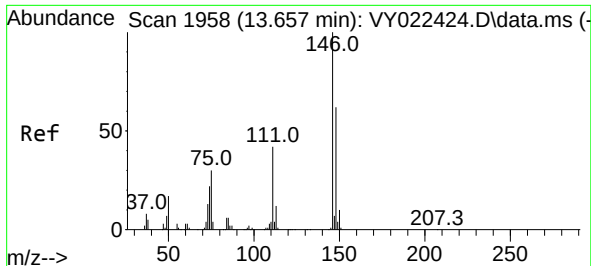
Tgt Ion: 117 Resp: 44059

Ion Ratio Lower Upper

117 100

201 68.7 35.0 105.0

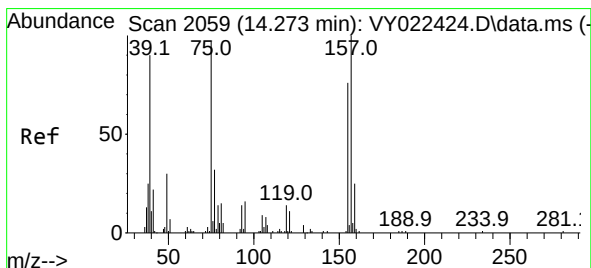
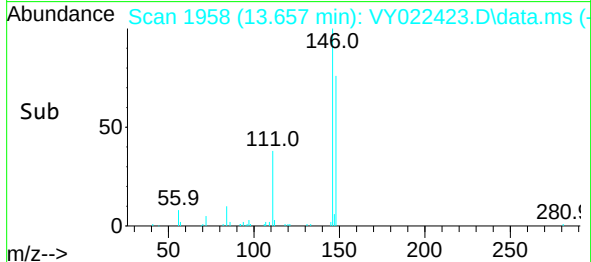
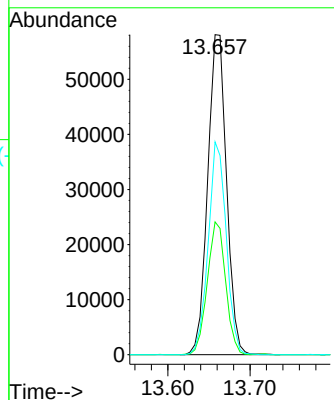
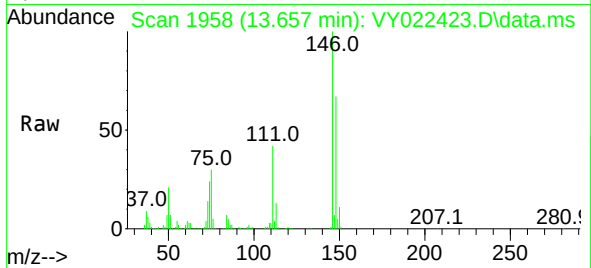




#91
1,2-Dichlorobenzene
Concen: 20.103 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

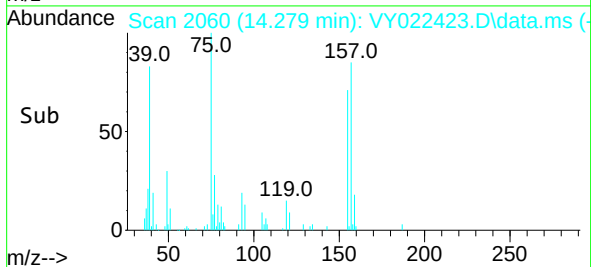
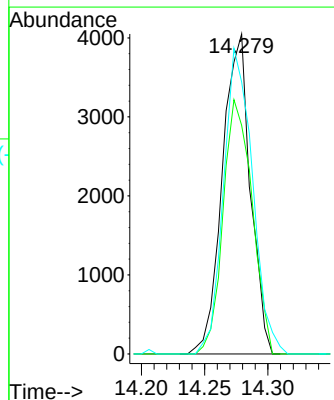
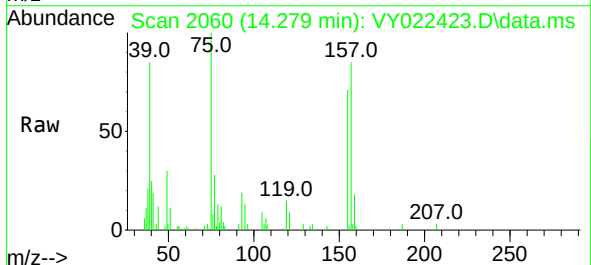
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

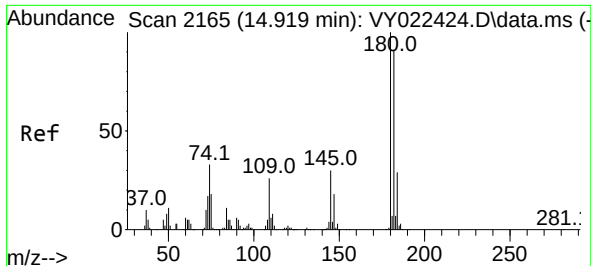
Tgt Ion:146 Resp: 92726
Ion Ratio Lower Upper
146 100
111 40.5 20.5 61.6
148 63.5 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.016 ug/l
RT: 14.279 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VY022423.D
Acq: 27 May 2025 09:36

Tgt Ion: 75 Resp: 6215
Ion Ratio Lower Upper
75 100
155 82.5 42.3 126.8
157 98.9 54.4 163.3

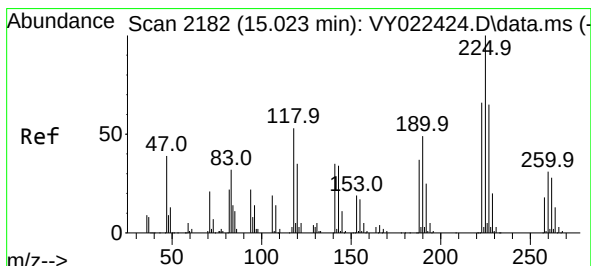
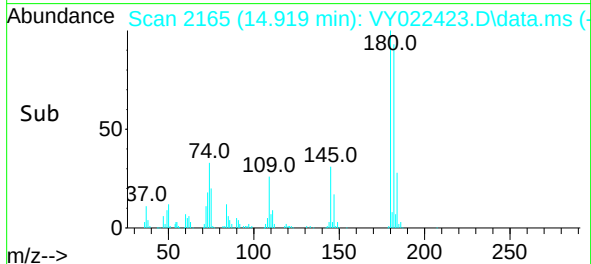
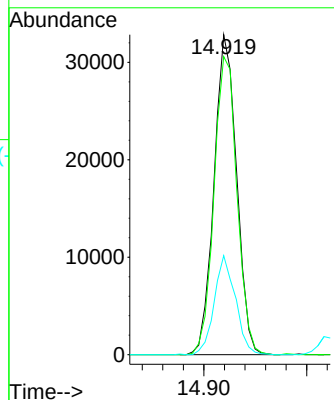
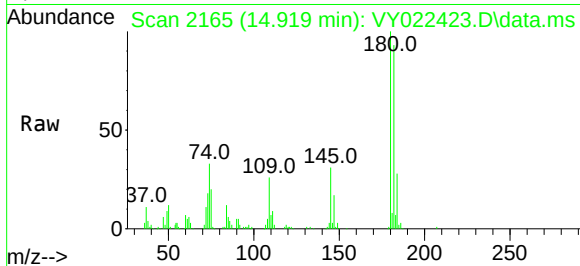




#93
 1,2,4-Trichlorobenzene
 Concen: 19.535 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

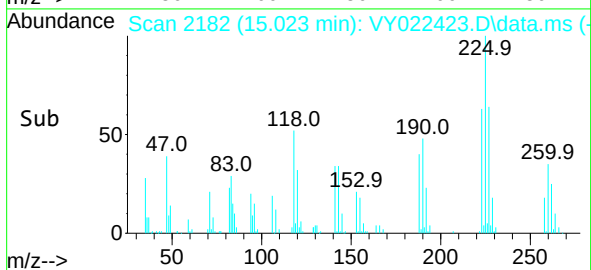
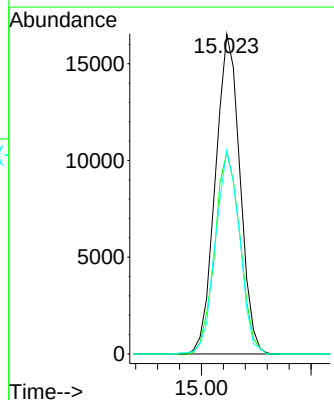
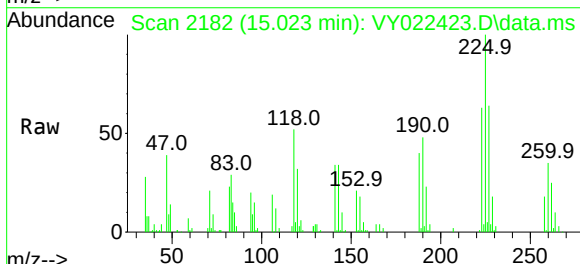
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

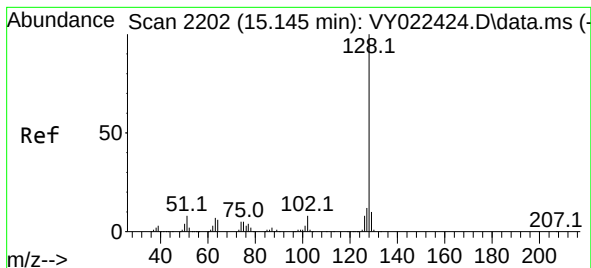
Tgt Ion:180 Resp: 49954
 Ion Ratio Lower Upper
 180 100
 182 95.0 46.2 138.6
 145 29.2 14.2 42.8



#94
 Hexachlorobutadiene
 Concen: 19.164 ug/l
 RT: 15.023 min Scan# 2182
 Delta R.T. 0.000 min
 Lab File: VY022423.D
 Acq: 27 May 2025 09:36

Tgt Ion:225 Resp: 25718
 Ion Ratio Lower Upper
 225 100
 223 64.5 32.6 97.7
 227 62.5 33.0 99.0





#95

Naphthalene

Concen: 18.870 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC020

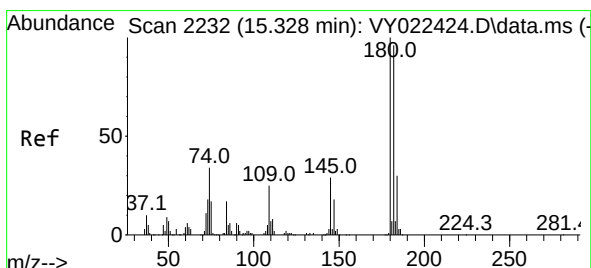
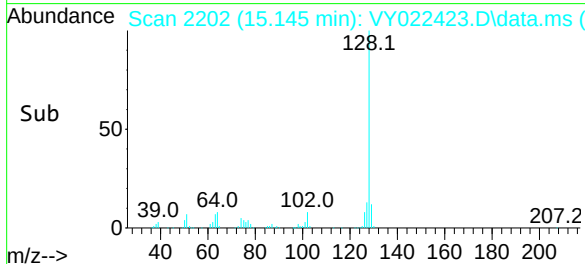
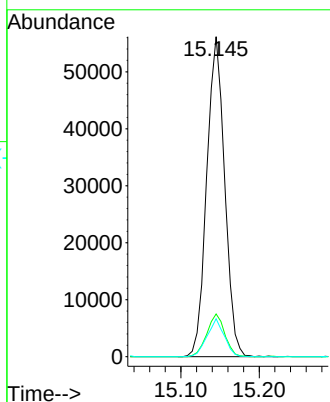
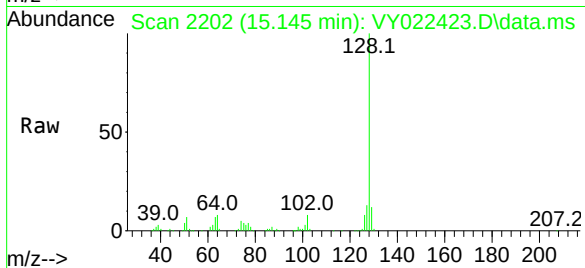
Tgt Ion:128 Resp: 89204

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 11.4 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 19.919 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022423.D

Acq: 27 May 2025 09:36

Tgt Ion:180 Resp: 41774

Ion Ratio Lower Upper

180 100

182 91.9 48.1 144.3

145 31.9 14.9 44.5

