

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052825\
 Data File : VY022451.D
 Acq On : 28 May 2025 15:49
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 29 01:58:52 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	208770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	367004	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	313936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	150395	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	115771	52.647	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.300%	
35) Dibromofluoromethane	7.640	113	107233	49.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.780%	
50) Toluene-d8	10.109	98	432283	49.338	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.680%	
62) 4-Bromofluorobenzene	12.408	95	129468	48.851	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	89816	45.093	ug/l	94
3) Chloromethane	2.074	50	221460	45.201	ug/l	98
4) Vinyl Chloride	2.208	62	303953	51.068	ug/l	98
5) Bromomethane	2.598	94	250978	46.402	ug/l	99
6) Chloroethane	2.739	64	214429	55.132	ug/l	99
7) Trichlorofluoromethane	3.056	101	254793	50.737	ug/l	99
8) Diethyl Ether	3.458	74	59393	51.293	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.824	101	107962	49.004	ug/l	99
10) Methyl Iodide	4.007	142	137799	55.440	ug/l	99
11) Tert butyl alcohol	4.872	59	39328	253.728	ug/l	100
12) 1,1-Dichloroethene	3.799	96	108866	49.771	ug/l	93
13) Acrolein	3.659	56	52413	225.678	ug/l	96
14) Allyl chloride	4.391	41	172537	52.438	ug/l	99
15) Acrylonitrile	5.067	53	122150	261.715	ug/l	97
16) Acetone	3.879	43	93289	258.170	ug/l	95
17) Carbon Disulfide	4.110	76	343230	49.172	ug/l	98
18) Methyl Acetate	4.391	43	82406	60.880	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	305429	52.596	ug/l	100
20) Methylene Chloride	4.622	84	122815	48.131	ug/l	95
21) trans-1,2-Dichloroethene	5.128	96	120641	50.521	ug/l	95
22) Diisopropyl ether	6.025	45	376741	51.880	ug/l	97
23) Vinyl Acetate	5.964	43	1044102	250.409	ug/l	100
24) 1,1-Dichloroethane	5.921	63	227039	52.911	ug/l	99
25) 2-Butanone	6.902	43	156136	259.451	ug/l	98
26) 2,2-Dichloropropane	6.890	77	196267	50.514	ug/l	99
27) cis-1,2-Dichloroethene	6.896	96	144183	52.156	ug/l	100
28) Bromochloromethane	7.250	49	96287	53.737	ug/l	99
29) Tetrahydrofuran	7.268	42	103604	258.139	ug/l	98
30) Chloroform	7.421	83	226859	53.654	ug/l	98
31) Cyclohexane	7.707	56	201326	47.597	ug/l	98
32) 1,1,1-Trichloroethane	7.622	97	199562	52.005	ug/l	100
36) 1,1-Dichloropropene	7.841	75	166443	48.802	ug/l	98
37) Ethyl Acetate	6.988	43	69588	48.010	ug/l	99
38) Carbon Tetrachloride	7.823	117	171823	48.362	ug/l	98
39) Methylcyclohexane	9.109	83	211399	46.629	ug/l	97
40) Benzene	8.085	78	511430	50.395	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	44932	51.075	ug/l	93
42) 1,2-Dichloroethane	8.158	62	136880	51.069	ug/l	100
43) Isopropyl Acetate	8.201	43	152687	48.207	ug/l #	87
44) Trichloroethene	8.866	130	122653	48.890	ug/l	98
45) 1,2-Dichloropropane	9.146	63	120773	50.651	ug/l	98
46) Dibromomethane	9.231	93	66615	50.012	ug/l	99
47) Bromodichloromethane	9.426	83	172046	50.228	ug/l	99
48) Methyl methacrylate	9.225	41	77802	52.917	ug/l	95
49) 1,4-Dioxane	9.231	88	14844	1008.958	ug/l	98
51) 4-Methyl-2-Pentanone	9.999	43	401116	256.674	ug/l	99
52) Toluene	10.170	92	318974	50.322	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	161174	50.516	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	187447	50.000	ug/l	99
55) 1,1,2-Trichloroethane	10.573	97	84007	49.883	ug/l	97
56) Ethyl methacrylate	10.438	69	119256	49.346	ug/l	99
57) 1,3-Dichloropropane	10.719	76	151098	50.913	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	308545	256.170	ug/l	99
59) 2-Hexanone	10.762	43	265364	259.108	ug/l	100
60) Dibromochloromethane	10.914	129	110576	51.401	ug/l	99
61) 1,2-Dibromoethane	11.018	107	79548	51.644	ug/l	100
64) Tetrachloroethene	10.652	164	128944	48.228	ug/l	98
65) Chlorobenzene	11.444	112	335311	50.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	114121	50.317	ug/l	99
67) Ethyl Benzene	11.517	91	611059	49.162	ug/l	99
68) m/p-Xylenes	11.627	106	466907	99.078	ug/l	100
69) o-Xylene	11.956	106	220691	49.828	ug/l	100
70) Styrene	11.969	104	375121	50.865	ug/l	99
71) Bromoform	12.133	173	58530	49.268	ug/l	100
73) Isopropylbenzene	12.255	105	569740	48.134	ug/l	99
74) N-amyl acetate	12.072	43	138478	47.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.505	83	93473	50.123	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	130429	86.580	ug/l #	100
77) Bromobenzene	12.536	156	122825	48.220	ug/l	98
78) n-propylbenzene	12.597	91	690424	48.605	ug/l	99
79) 2-Chlorotoluene	12.682	91	374270	48.674	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	451676	48.838	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	31546	47.356	ug/l	98
82) 4-Chlorotoluene	12.779	91	384804	48.590	ug/l	100
83) tert-Butylbenzene	12.999	119	403071	48.238	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	458724	49.288	ug/l	100
85) sec-Butylbenzene	13.176	105	606331	48.929	ug/l	100
86) p-Isopropyltoluene	13.292	119	503097	48.618	ug/l	100
87) 1,3-Dichlorobenzene	13.292	146	248248	48.437	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	238595	48.687	ug/l	98
89) n-Butylbenzene	13.621	91	473582	48.810	ug/l	99
90) Hexachloroethane	13.883	117	98874	48.015	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	206760	48.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	14066	48.811	ug/l	97
93) 1,2,4-Trichlorobenzene	14.919	180	117167	49.370	ug/l	98
94) Hexachlorobutadiene	15.023	225	60281	48.401	ug/l	97
95) Naphthalene	15.145	128	224238	51.110	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	98435	50.575	ug/l	97

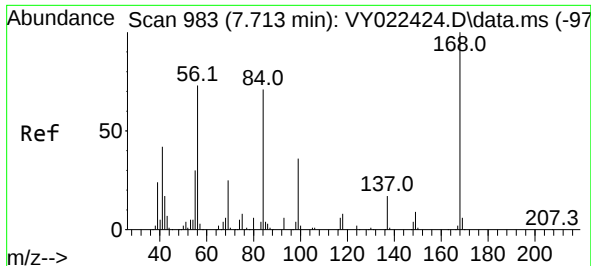
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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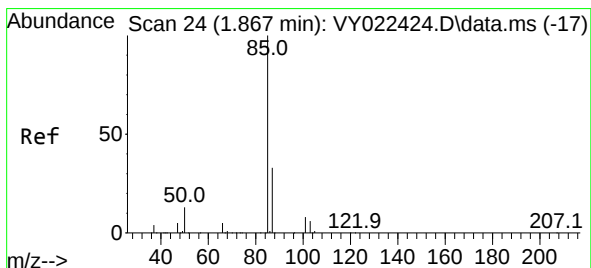
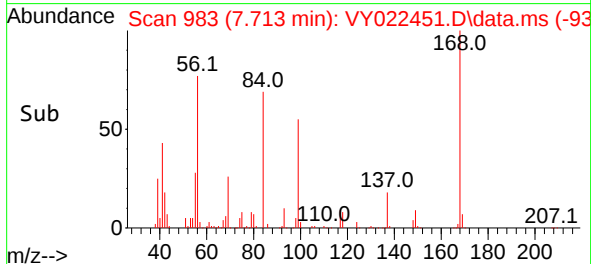
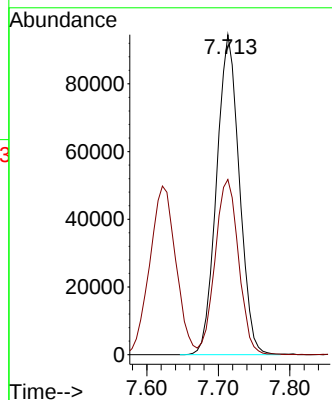
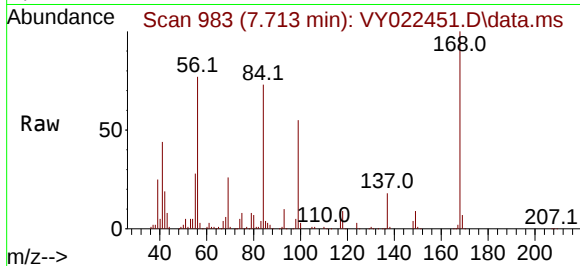
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

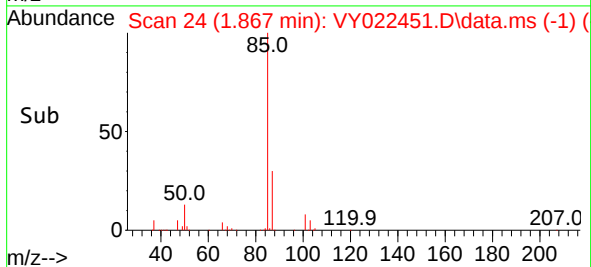
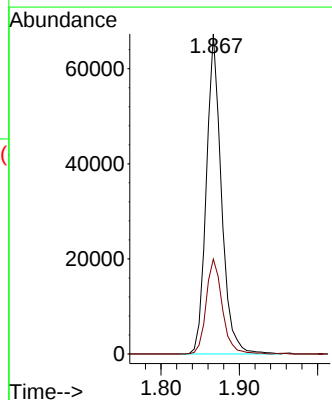
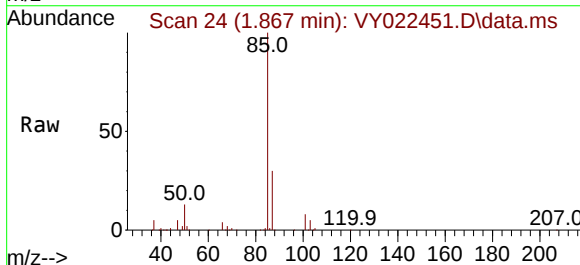
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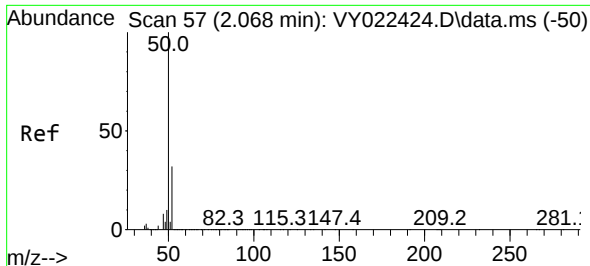
Tgt Ion:168 Resp: 208770
Ion Ratio Lower Upper
168 100
99 54.6 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 45.093 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 85 Resp: 89816
Ion Ratio Lower Upper
85 100
87 29.6 16.4 49.2

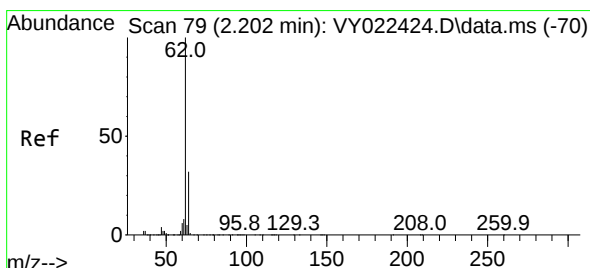
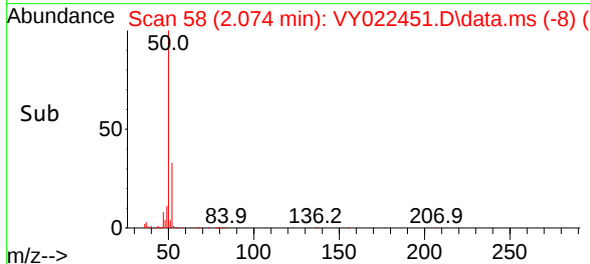
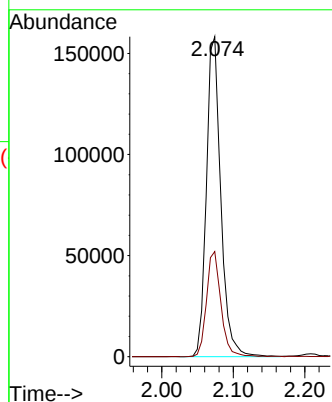
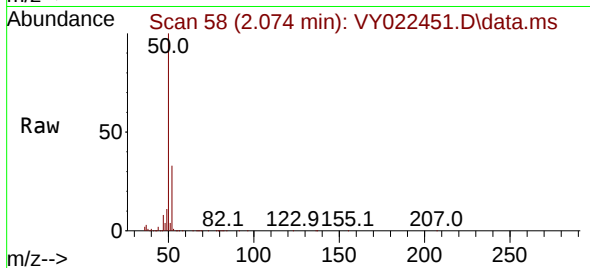




#3
Chloromethane
Concen: 45.201 ug/l
RT: 2.074 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

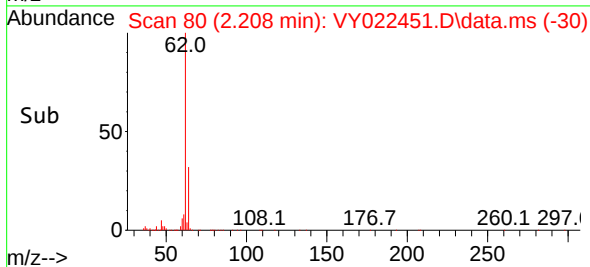
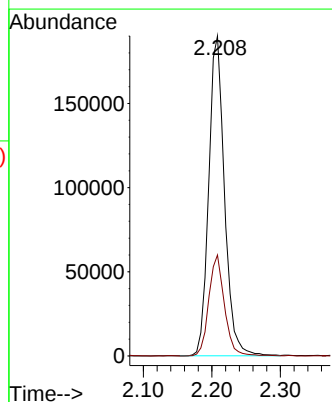
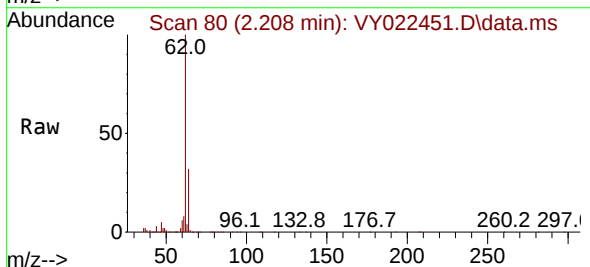
Instrument :
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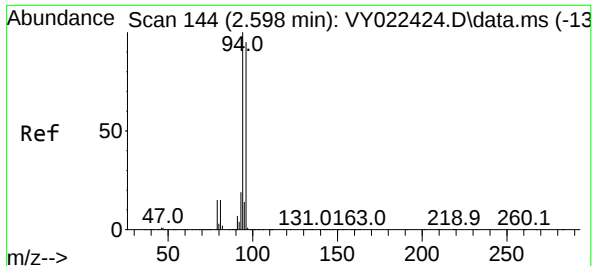
Tgt Ion: 50 Resp: 221460
Ion Ratio Lower Upper
50 100
52 32.9 25.5 38.3



#4
Vinyl Chloride
Concen: 51.068 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 62 Resp: 303953
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

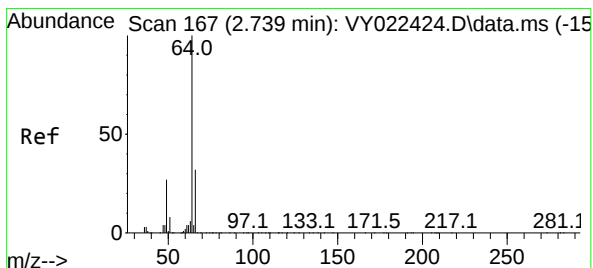
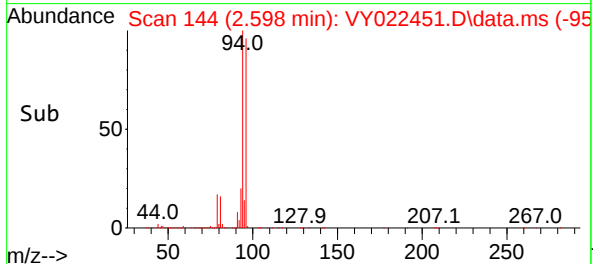
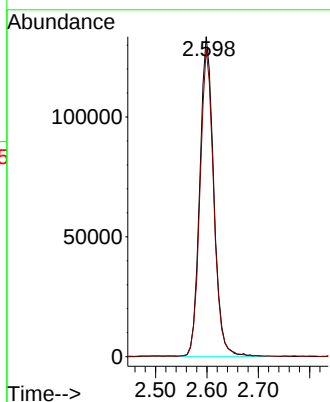
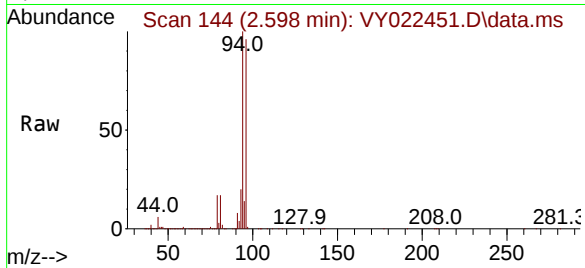




#5
Bromomethane
Concen: 46.402 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

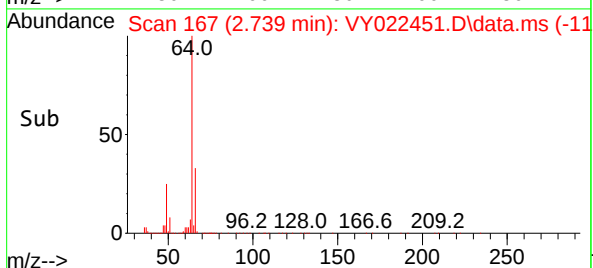
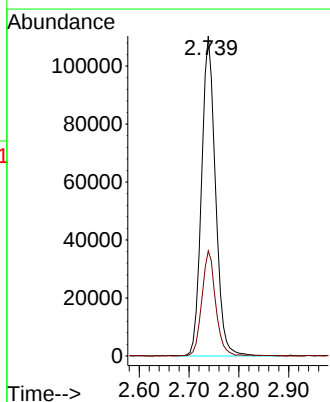
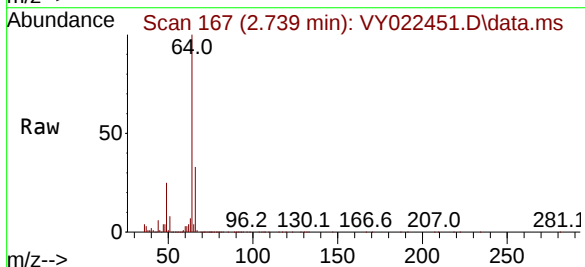
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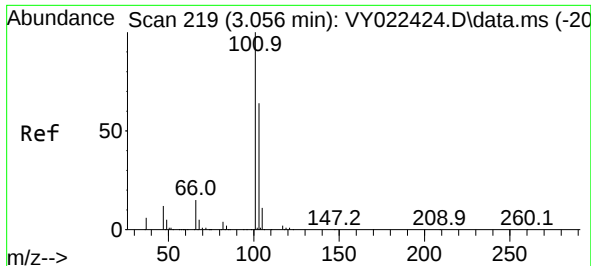
Tgt Ion: 94 Resp: 250978
Ion Ratio Lower Upper
94 100
96 96.2 76.0 114.0



#6
Chloroethane
Concen: 55.132 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 64 Resp: 214429
Ion Ratio Lower Upper
64 100
66 32.8 25.9 38.9

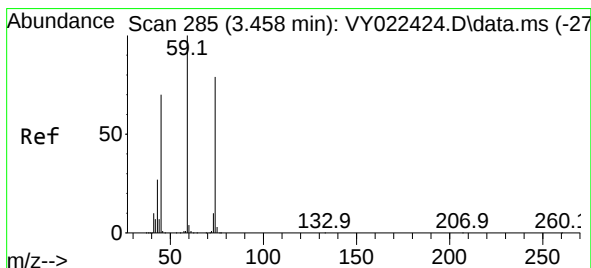
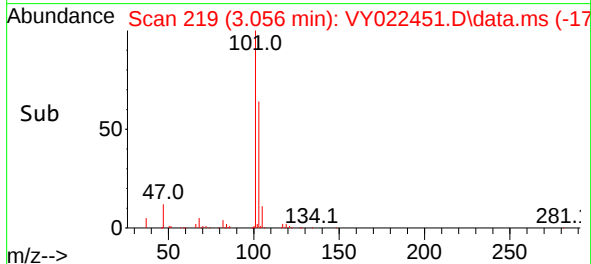
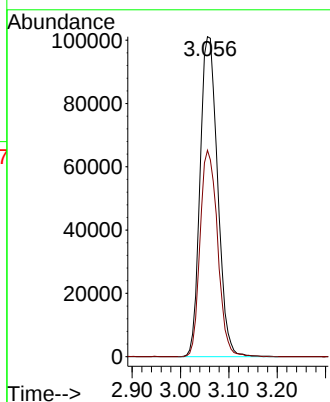
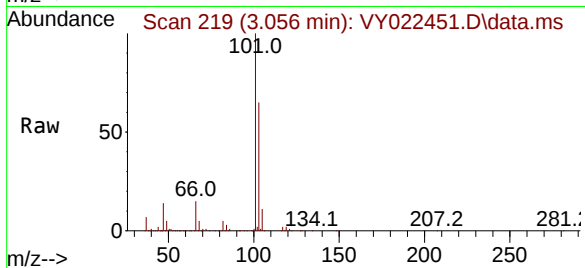




#7
 Trichlorofluoromethane
 Concen: 50.737 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

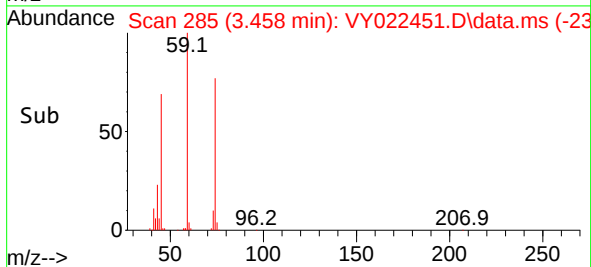
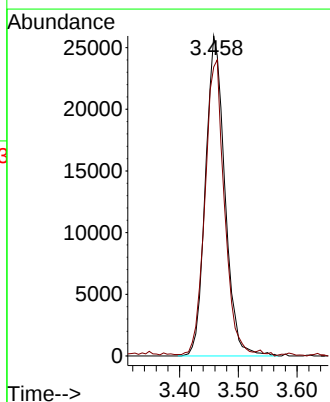
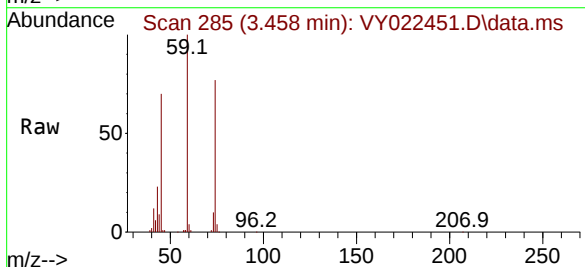
Instrument :
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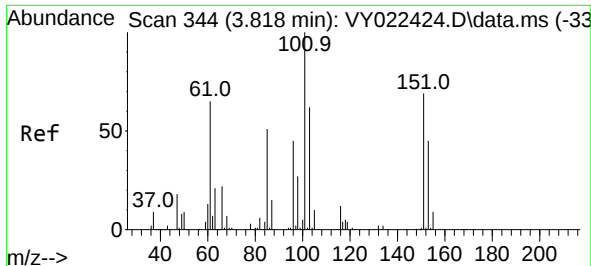
Tgt Ion:101 Resp: 254793
 Ion Ratio Lower Upper
 101 100
 103 64.5 50.9 76.3



#8
 Diethyl Ether
 Concen: 51.293 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion: 74 Resp: 59393
 Ion Ratio Lower Upper
 74 100
 45 91.7 44.9 134.5

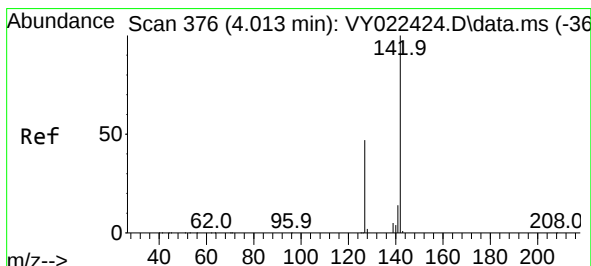
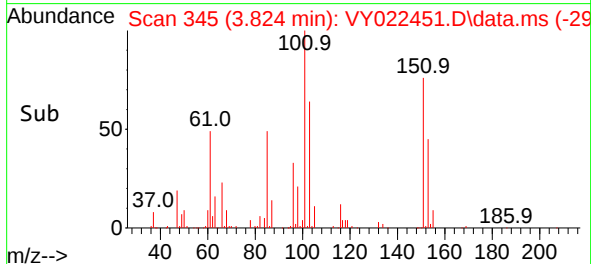
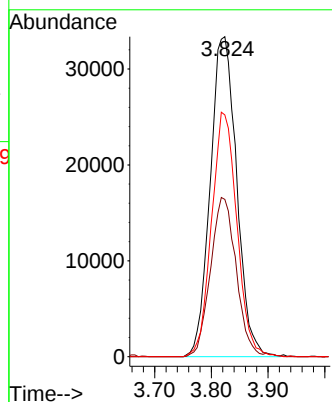
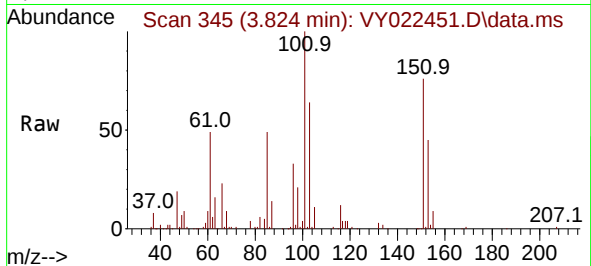




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.004 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.006 min
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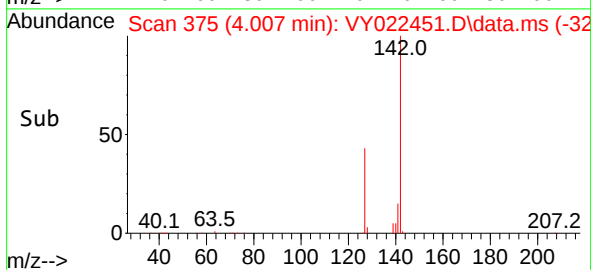
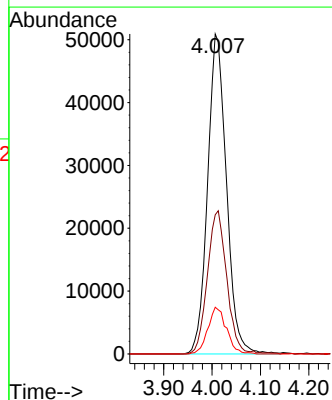
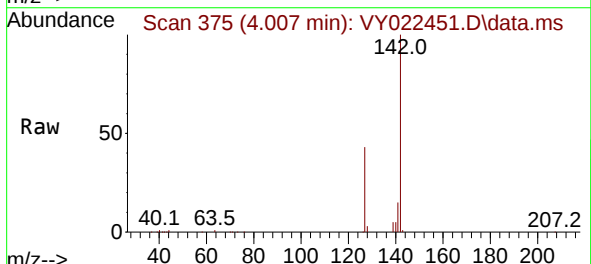
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

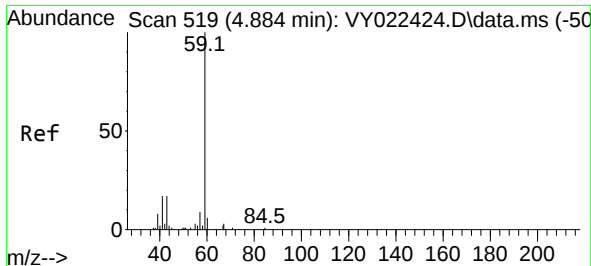
Tgt Ion:101 Resp: 107962
Ion Ratio Lower Upper
101 100
85 48.5 39.2 58.8
151 73.1 58.8 88.2



#10
Methyl Iodide
Concen: 55.440 ug/l
RT: 4.007 min Scan# 375
Delta R.T. -0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion:142 Resp: 137799
Ion Ratio Lower Upper
142 100
127 46.2 36.2 54.4
141 14.4 11.6 17.4

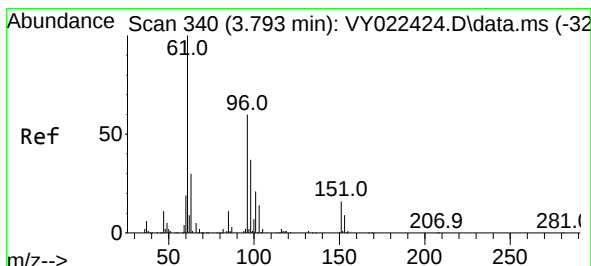
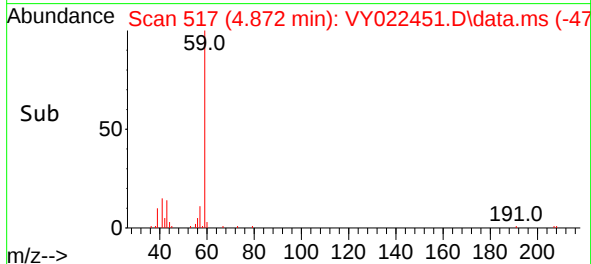
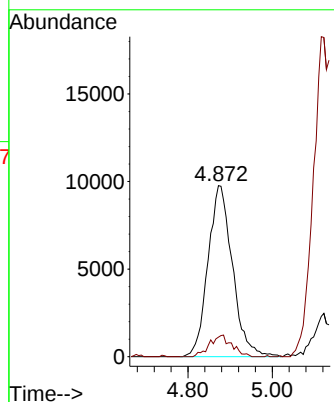
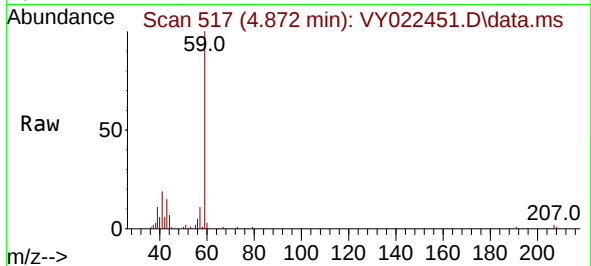




#11
Tert butyl alcohol
Concen: 253.728 ug/l
RT: 4.872 min Scan# 519
Delta R.T. -0.012 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

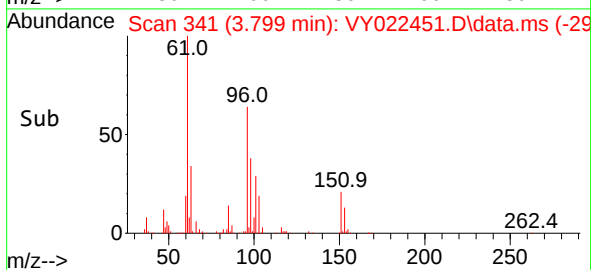
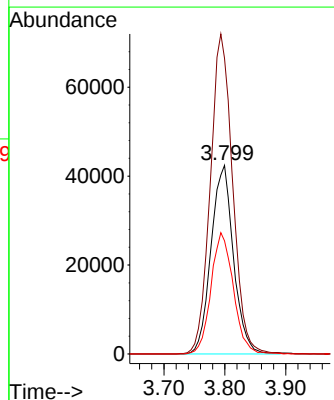
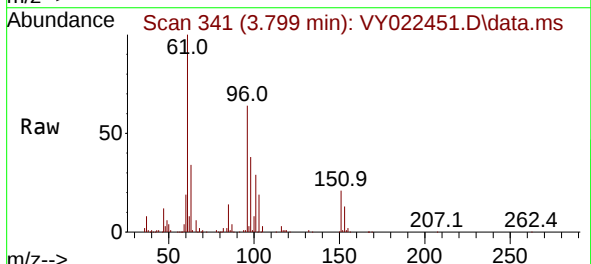
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

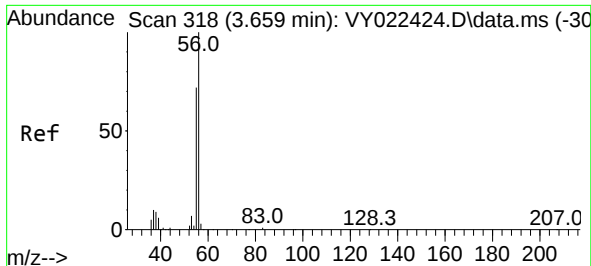
Tgt Ion: 59 Resp: 39328
Ion Ratio Lower Upper
59 100
57 11.4 9.1 13.7



#12
1,1-Dichloroethene
Concen: 49.771 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 96 Resp: 108866
Ion Ratio Lower Upper
96 100
61 156.4 134.1 201.1
98 60.0 50.2 75.2

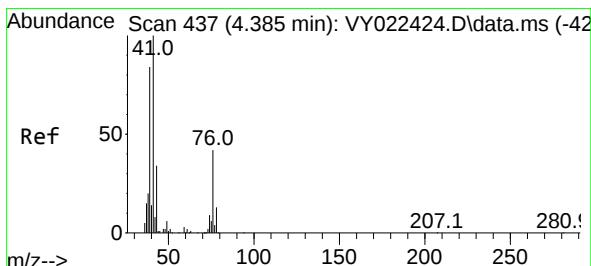
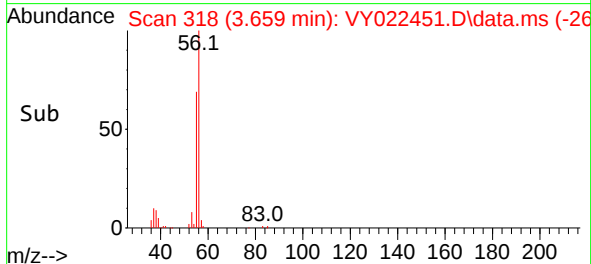
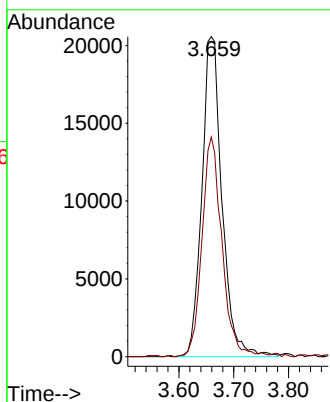
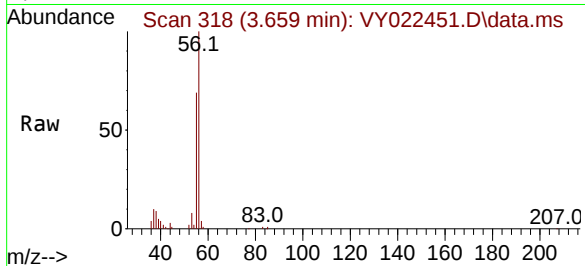




#13
Acrolein
Concen: 225.678 ug/l
RT: 3.659 min Scan# 318
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

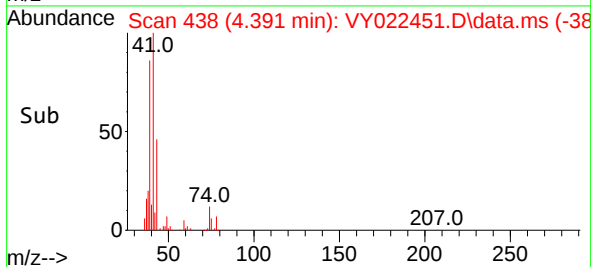
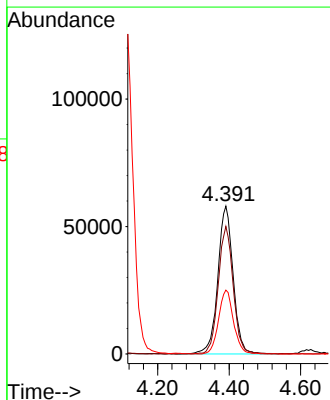
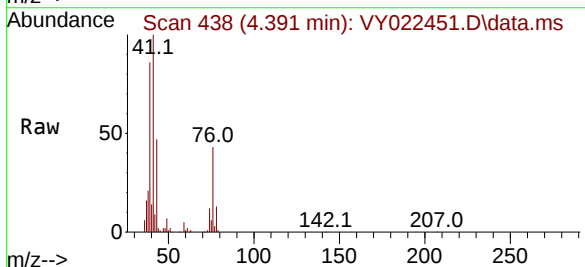
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

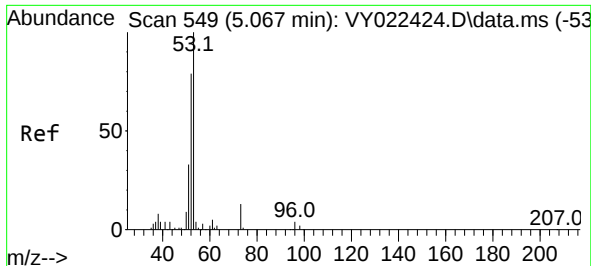
Tgt Ion: 56 Resp: 52413
Ion Ratio Lower Upper
56 100
55 67.5 56.5 84.7



#14
Allyl chloride
Concen: 52.438 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 41 Resp: 172537
Ion Ratio Lower Upper
41 100
39 84.5 66.6 100.0
76 42.0 33.7 50.5

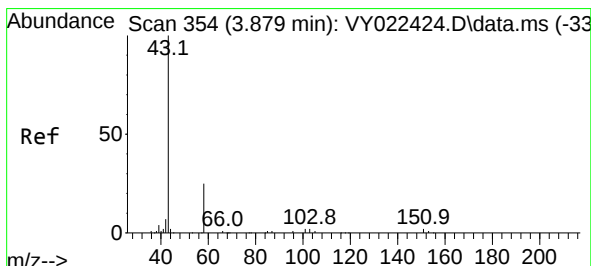
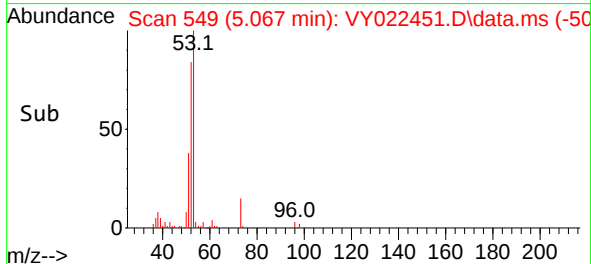
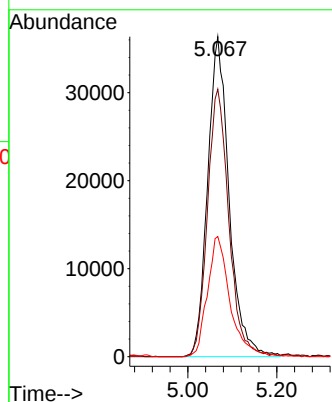
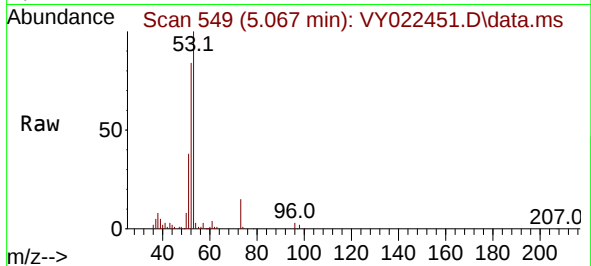




#15
Acrylonitrile
Concen: 261.715 ug/l
RT: 5.067 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

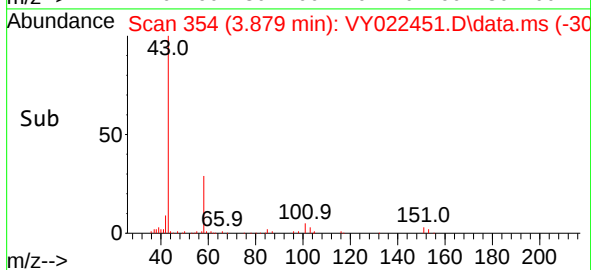
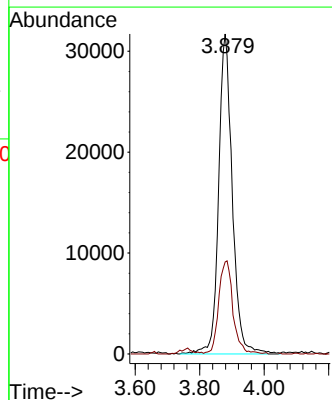
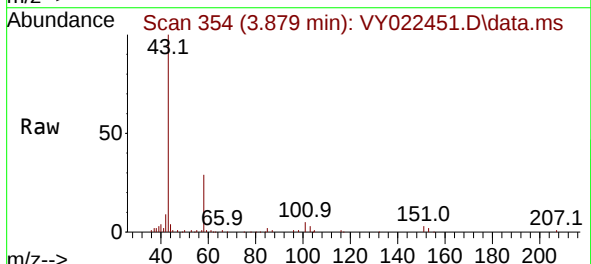
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

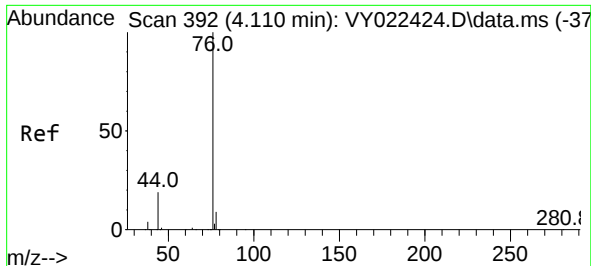
Tgt Ion: 53 Resp: 122150
Ion Ratio Lower Upper
53 100
52 83.4 65.1 97.7
51 39.6 30.0 45.0



#16
Acetone
Concen: 258.170 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 43 Resp: 93289
Ion Ratio Lower Upper
43 100
58 28.5 20.6 30.8

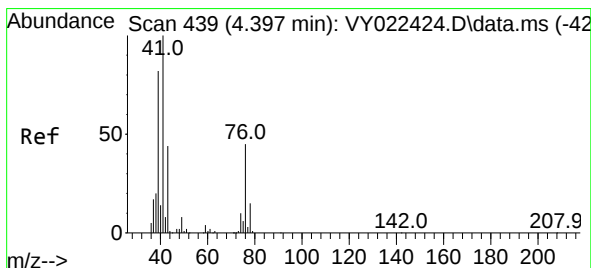
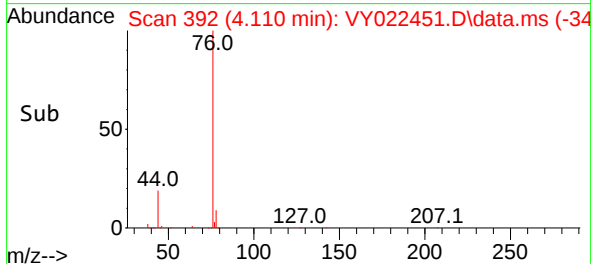
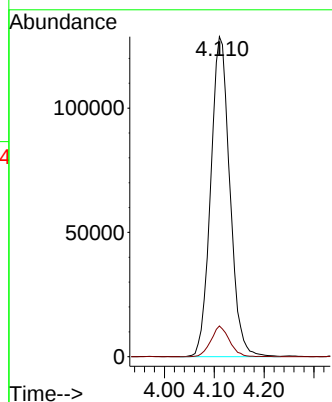
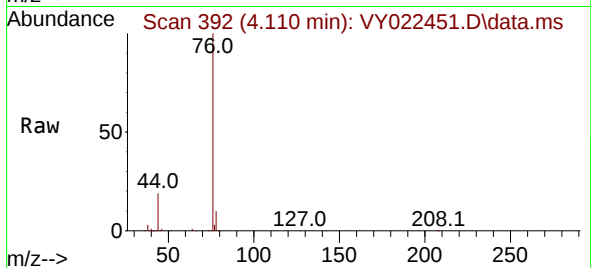




#17
Carbon Disulfide
Concen: 49.172 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

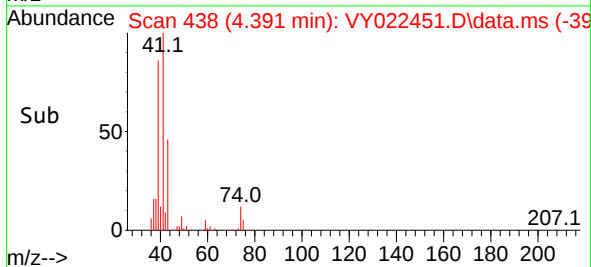
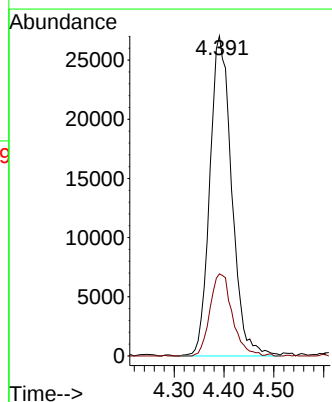
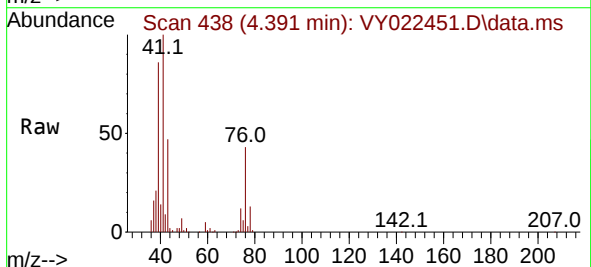
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

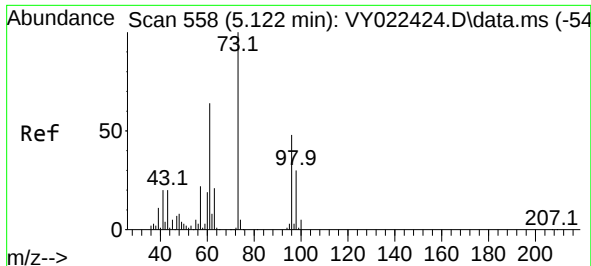
Tgt Ion: 76 Resp: 343230
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8



#18
Methyl Acetate
Concen: 60.880 ug/l
RT: 4.391 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 43 Resp: 82406
Ion Ratio Lower Upper
43 100
74 26.1 21.2 31.8

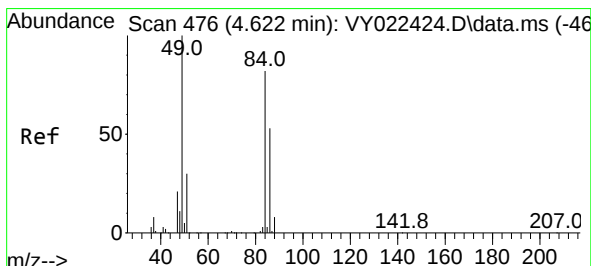
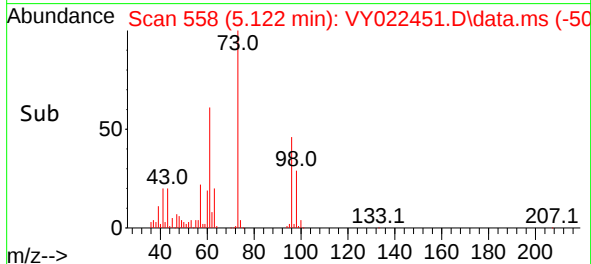
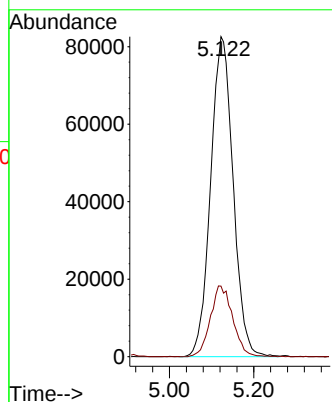
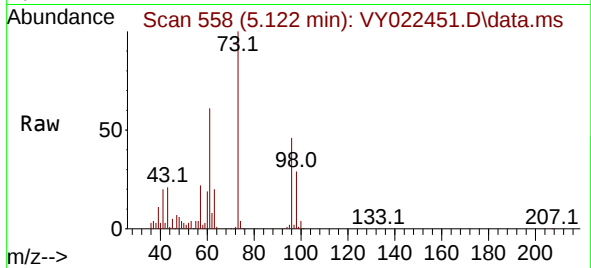




#19
Methyl tert-butyl Ether
Concen: 52.596 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

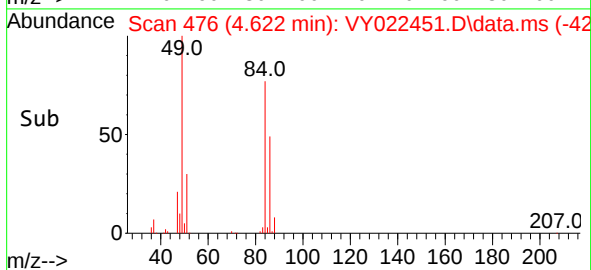
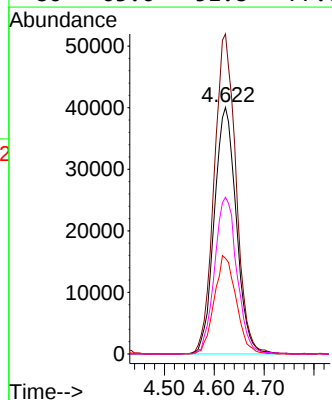
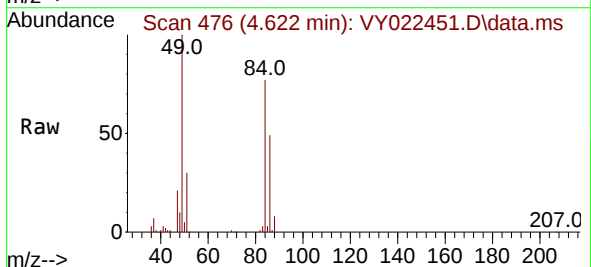
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

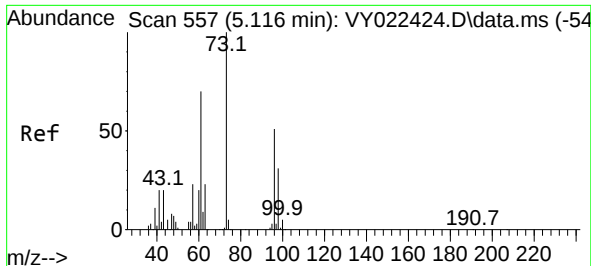
Tgt Ion: 73 Resp: 305429
Ion Ratio Lower Upper
73 100
57 22.1 17.7 26.5



#20
Methylene Chloride
Concen: 48.131 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 84 Resp: 122815
Ion Ratio Lower Upper
84 100
49 129.8 97.8 146.8
51 38.8 29.5 44.3
86 63.6 51.8 77.6

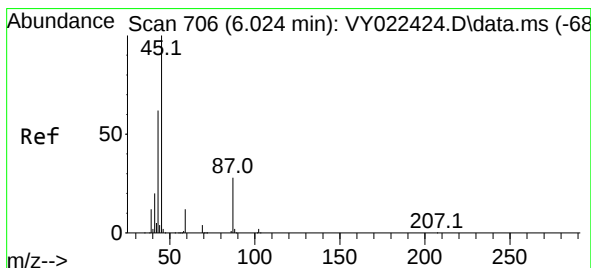
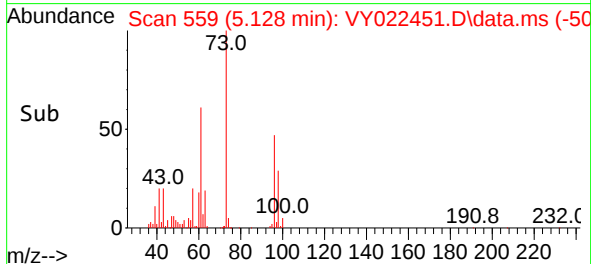
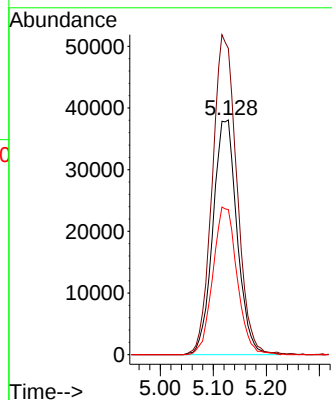
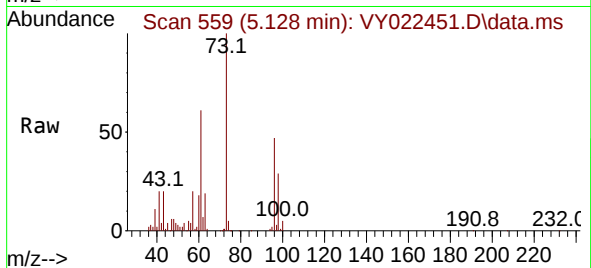




#21
trans-1,2-Dichloroethene
Concen: 50.521 ug/l
RT: 5.128 min Scan# 511
Delta R.T. 0.012 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

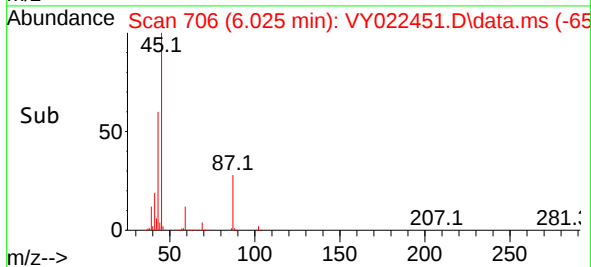
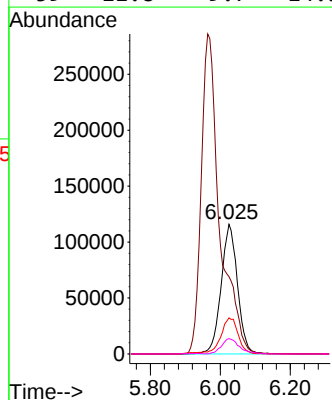
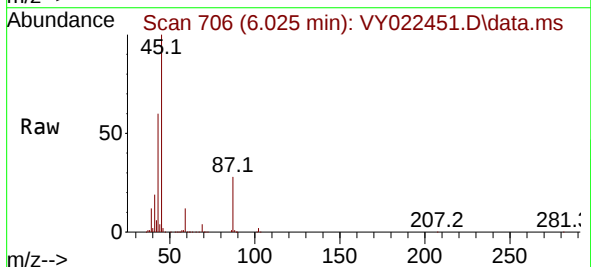
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

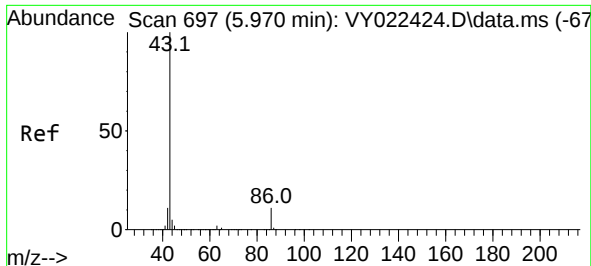
Tgt Ion: 96 Resp: 120641
Ion Ratio Lower Upper
96 100
61 130.4 110.4 165.6
98 61.8 48.6 73.0



#22
Diisopropyl ether
Concen: 51.880 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 45 Resp: 376741
Ion Ratio Lower Upper
45 100
43 59.7 49.8 74.8
87 27.9 23.0 34.6
59 11.8 9.7 14.5

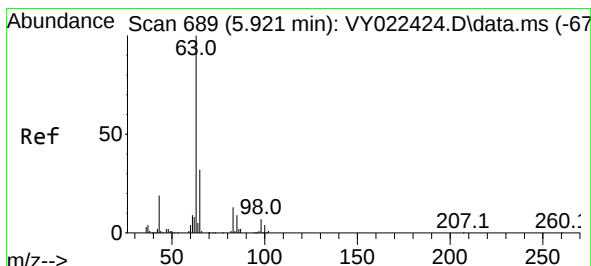
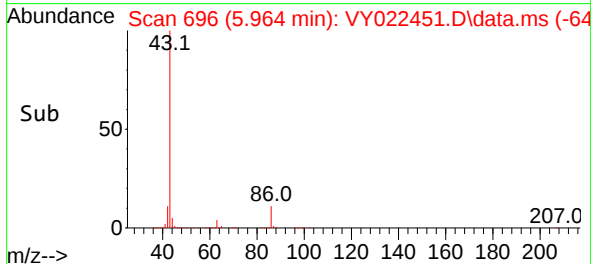
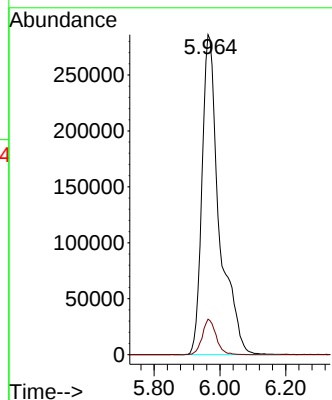
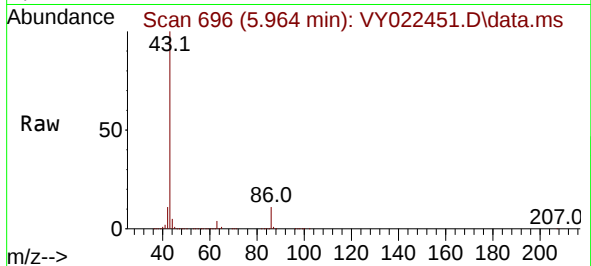




#23
 Vinyl Acetate
 Concen: 250.409 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

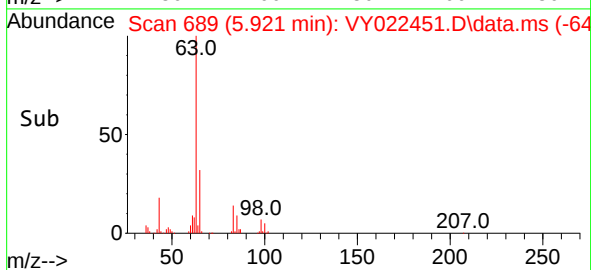
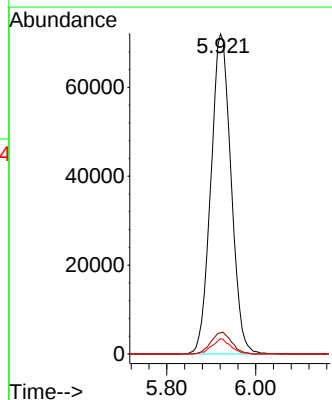
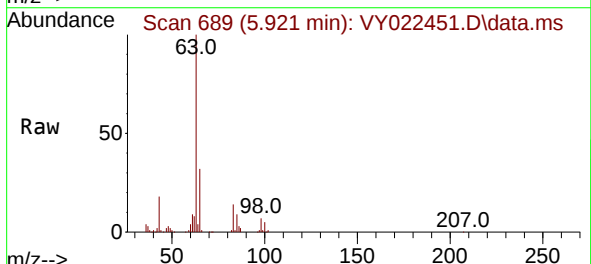
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

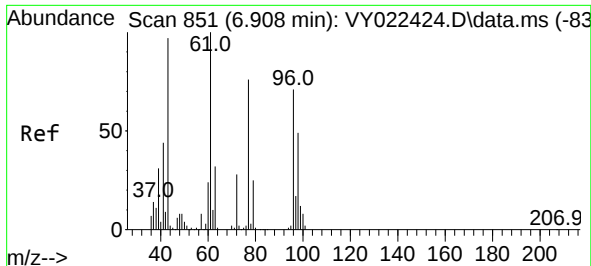
Tgt Ion: 43 Resp: 1044102
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2



#24
 1,1-Dichloroethane
 Concen: 52.911 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion: 63 Resp: 227039
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.5
 100 4.8 2.1 6.5

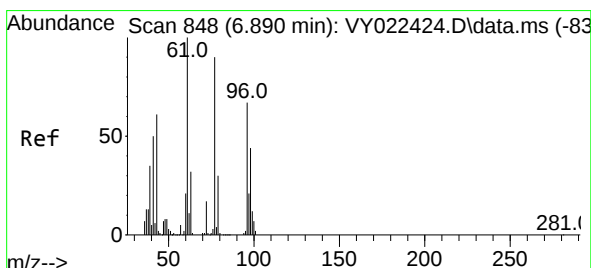
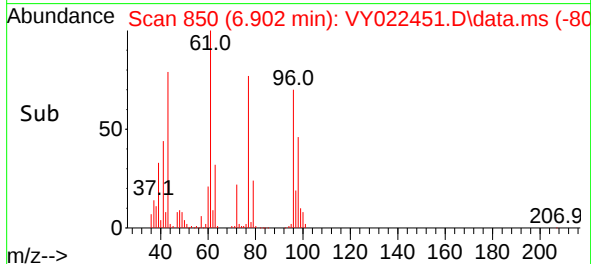
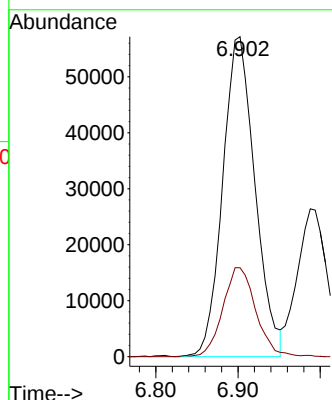
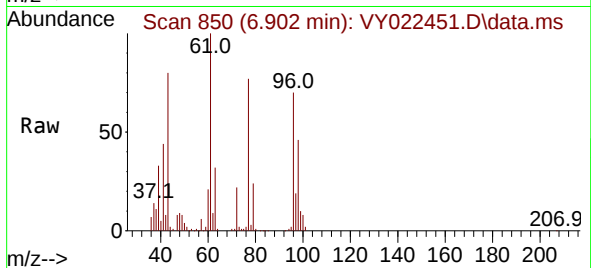




#25
2-Butanone
Concen: 259.451 ug/l
RT: 6.902 min Scan# 851
Delta R.T. -0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

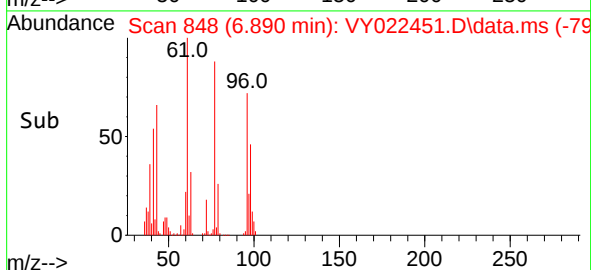
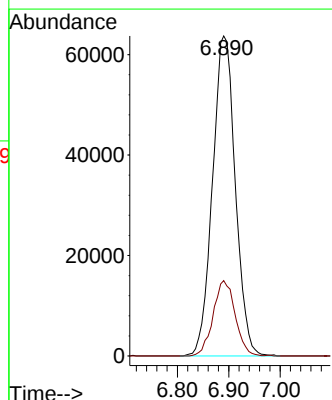
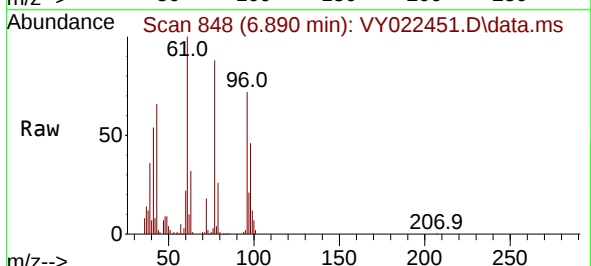
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

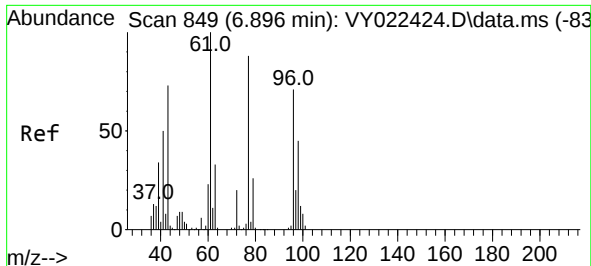
Tgt Ion: 43 Resp: 156136
Ion Ratio Lower Upper
43 100
72 27.6 22.8 34.2



#26
2,2-Dichloropropane
Concen: 50.514 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 77 Resp: 196267
Ion Ratio Lower Upper
77 100
97 22.8 11.6 34.7

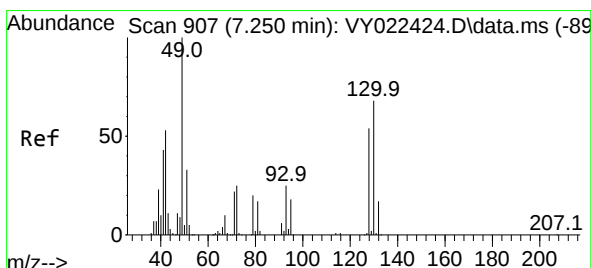
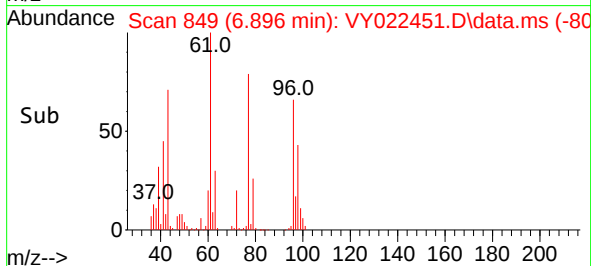
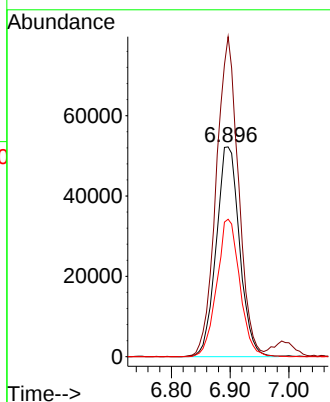
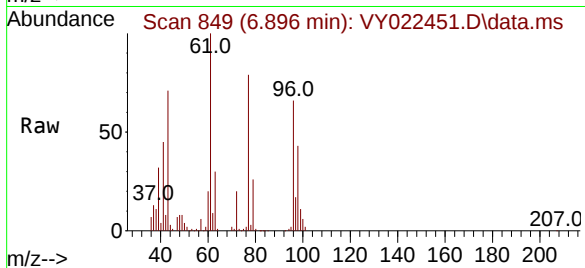




#27
 cis-1,2-Dichloroethene
 Concen: 52.156 ug/l
 RT: 6.896 min Scan# 849
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

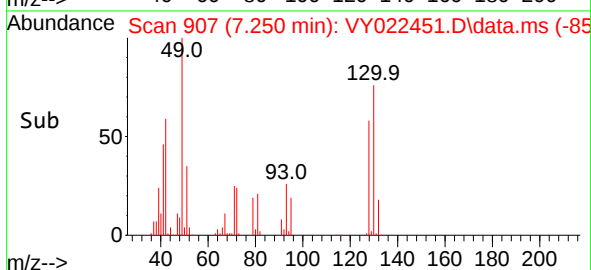
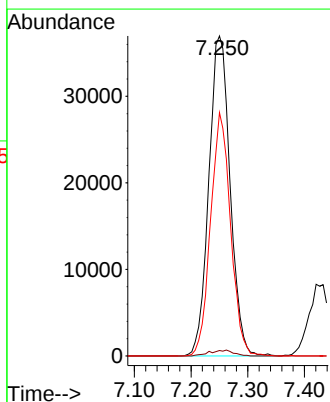
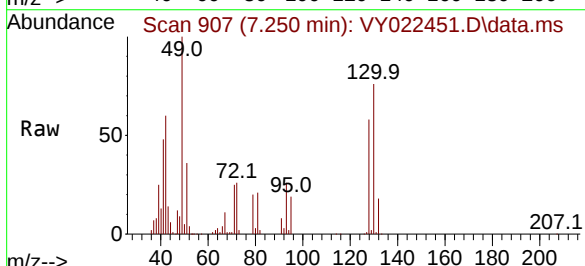
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

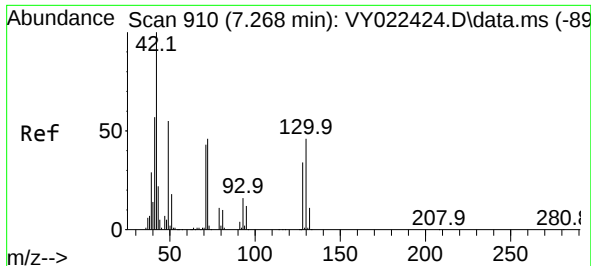
Tgt Ion: 96 Resp: 144183
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 292.0
 98 64.6 0.0 131.0



#28
 Bromochloromethane
 Concen: 53.737 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion: 49 Resp: 96287
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 71.6 56.9 85.3





#29

Tetrahydrofuran

Concen: 258.139 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

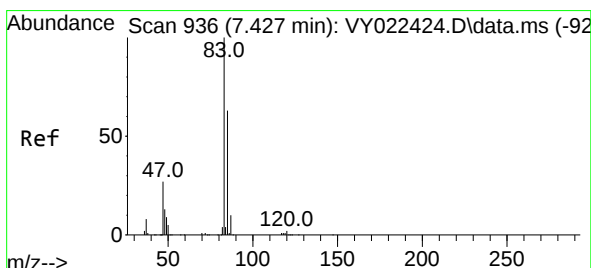
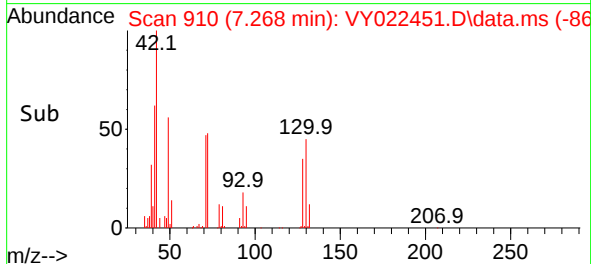
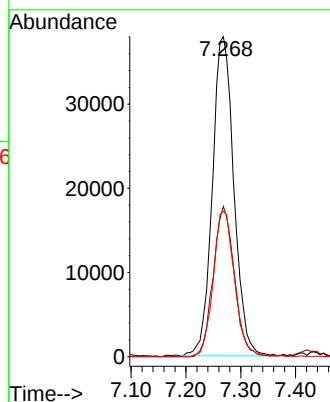
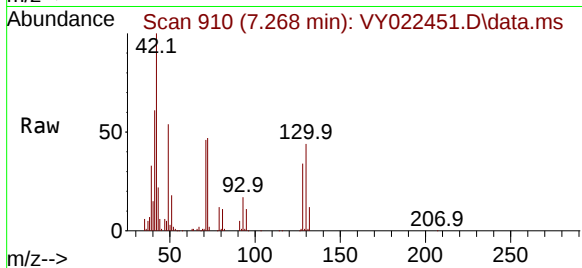
Tgt Ion: 42 Resp: 103604

Ion Ratio Lower Upper

42 100

72 46.0 37.7 56.5

71 45.2 34.7 52.1



#30

Chloroform

Concen: 53.654 ug/l

RT: 7.421 min Scan# 935

Delta R.T. -0.006 min

Lab File: VY022451.D

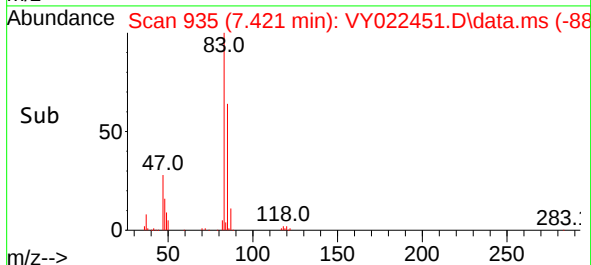
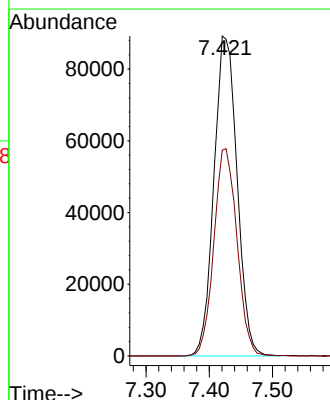
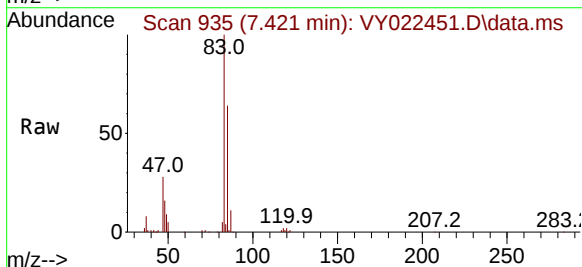
Acq: 28 May 2025 15:49

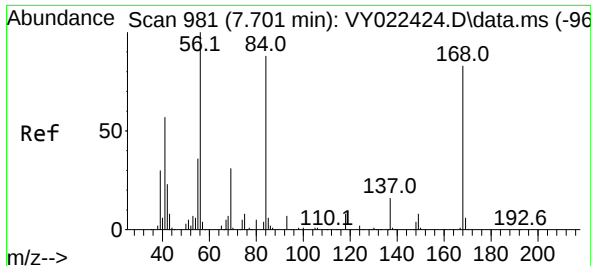
Tgt Ion: 83 Resp: 226859

Ion Ratio Lower Upper

83 100

85 64.3 50.1 75.1

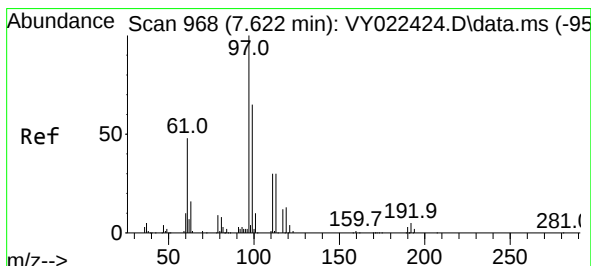
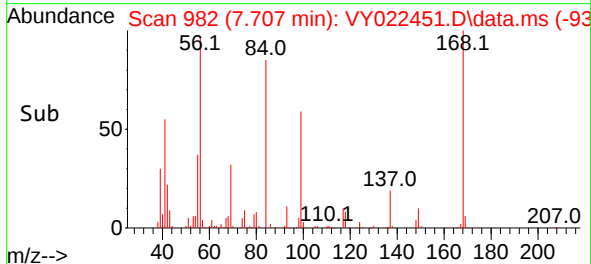
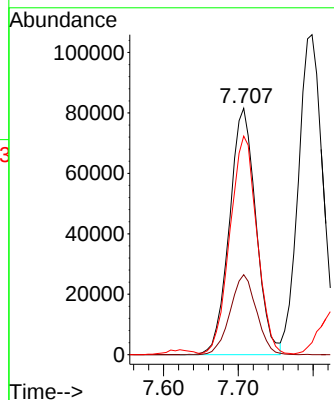
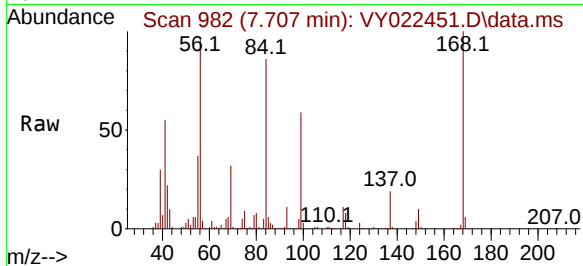




#31
Cyclohexane
Concen: 47.597 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

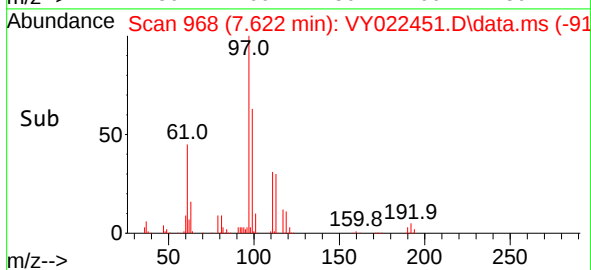
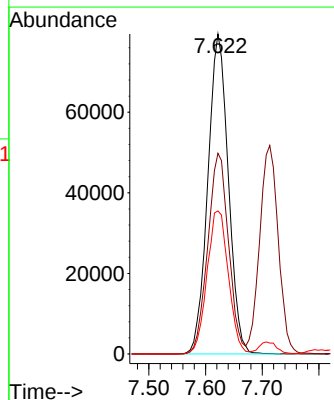
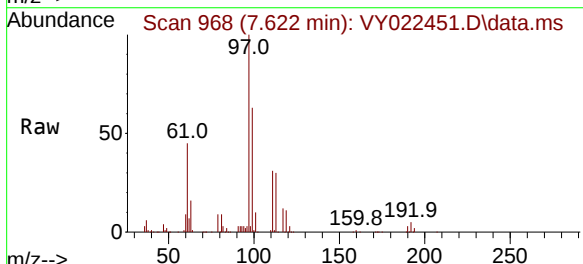
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

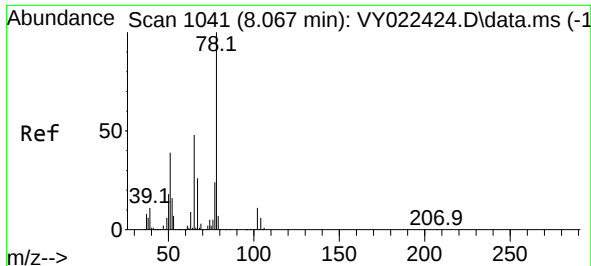
Tgt Ion: 56 Resp: 201326
Ion Ratio Lower Upper
56 100
69 32.5 24.6 36.8
84 87.1 70.4 105.6



#32
1,1,1-Trichloroethane
Concen: 52.005 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 97 Resp: 199562
Ion Ratio Lower Upper
97 100
99 63.6 51.3 76.9
61 46.6 37.3 55.9





#33

1,2-Dichloroethane-d4

Concen: 52.647 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

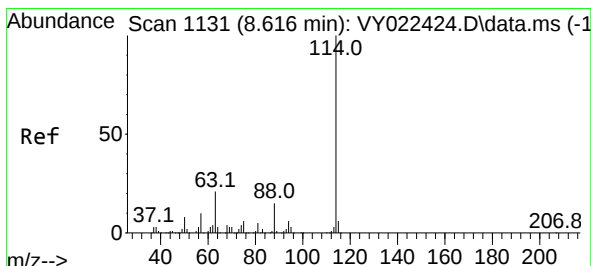
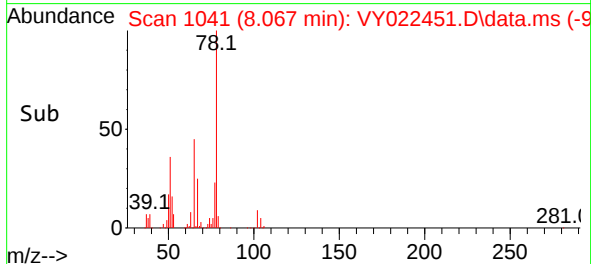
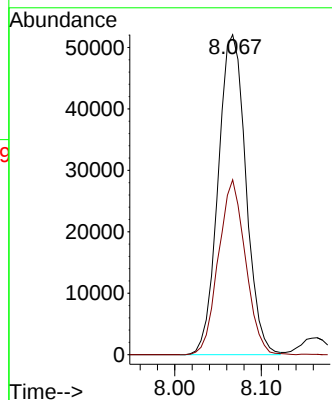
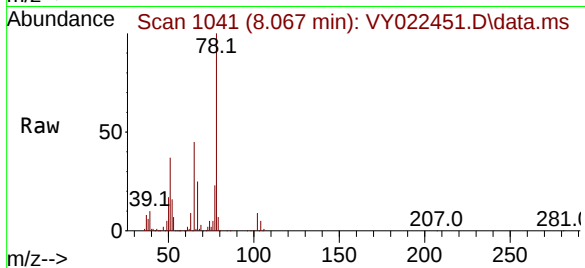
VSTDCCC050EC

Tgt Ion: 65 Resp: 115771

Ion Ratio Lower Upper

65 100

67 53.3 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: VY022451.D

Acq: 28 May 2025 15:49

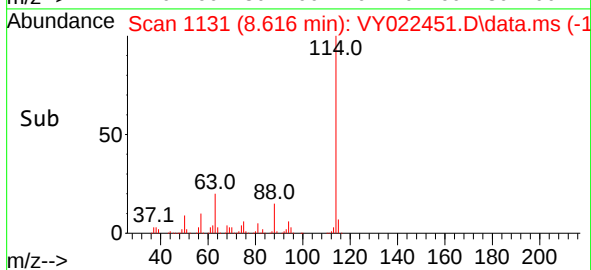
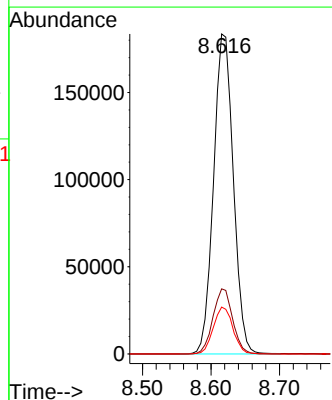
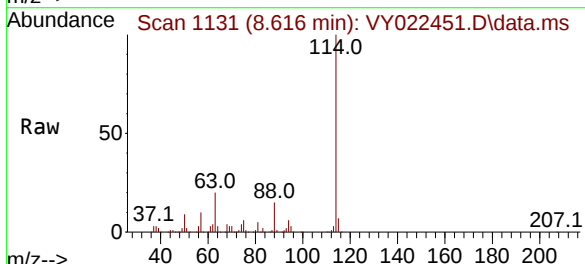
Tgt Ion: 114 Resp: 367004

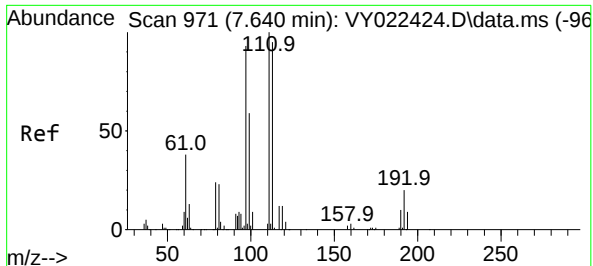
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 14.7 0.0 29.4





#35

Dibromofluoromethane

Concen: 49.892 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

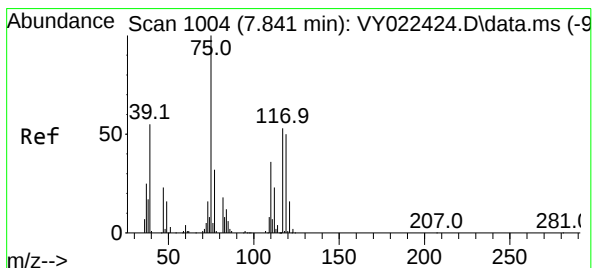
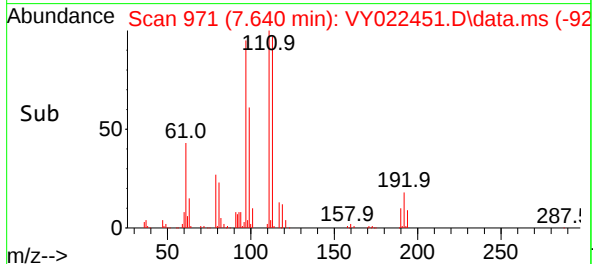
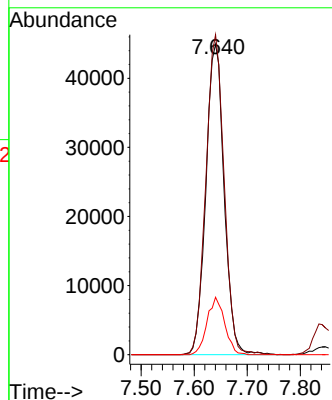
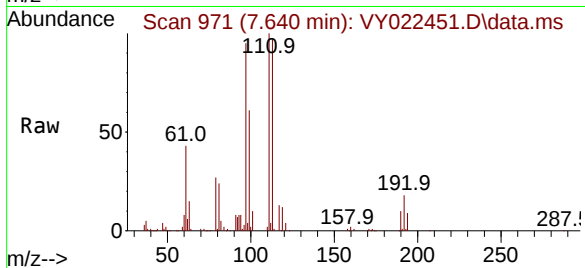
Tgt Ion:113 Resp: 107233

Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 48.802 ug/l

RT: 7.841 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

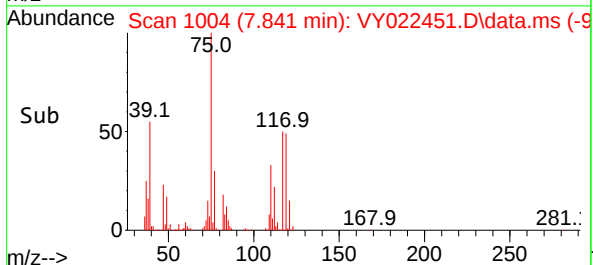
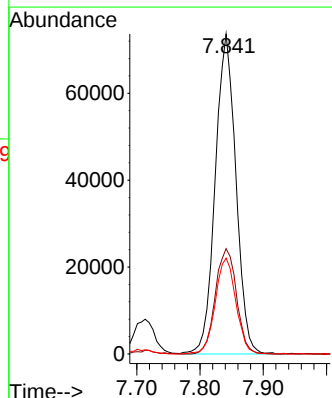
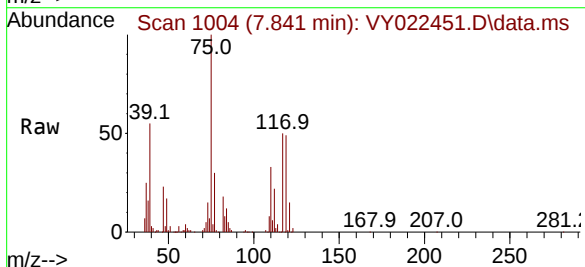
Tgt Ion: 75 Resp: 166443

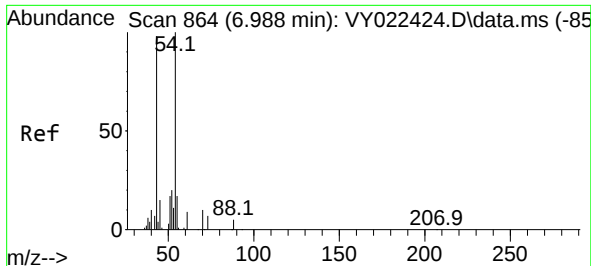
Ion Ratio Lower Upper

75 100

110 33.7 17.1 51.2

77 30.0 25.1 37.7





#37

Ethyl Acetate

Concen: 48.010 ug/l

RT: 6.988 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

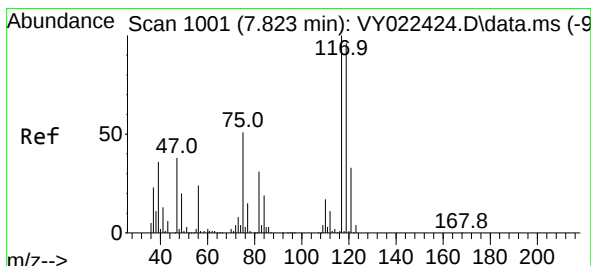
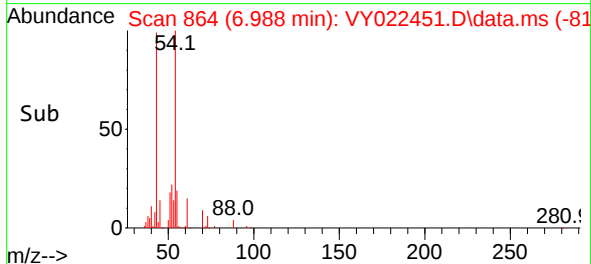
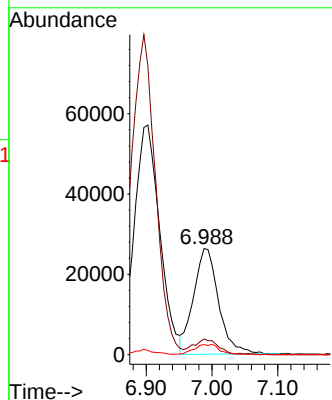
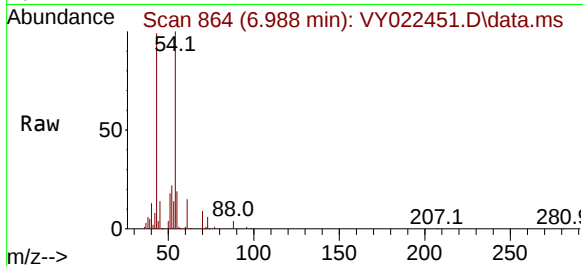
Tgt Ion: 43 Resp: 69588

Ion Ratio Lower Upper

43 100

61 15.0 11.7 17.5

70 10.0 7.8 11.6



#38

Carbon Tetrachloride

Concen: 48.362 ug/l

RT: 7.823 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

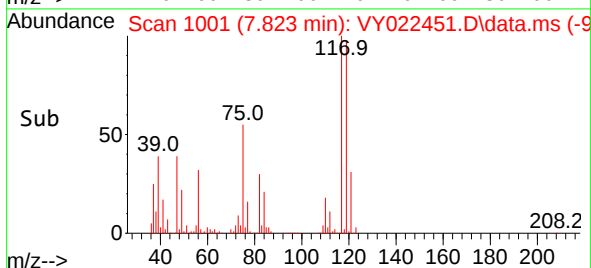
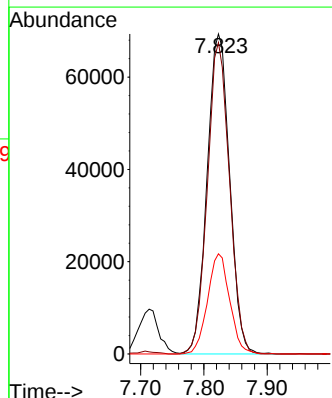
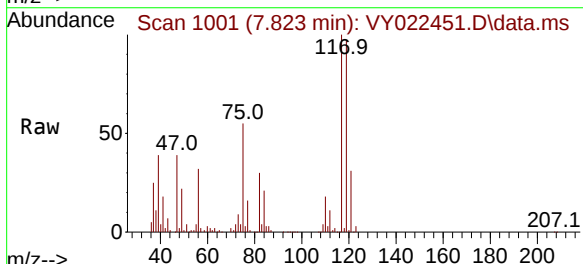
Tgt Ion: 117 Resp: 171823

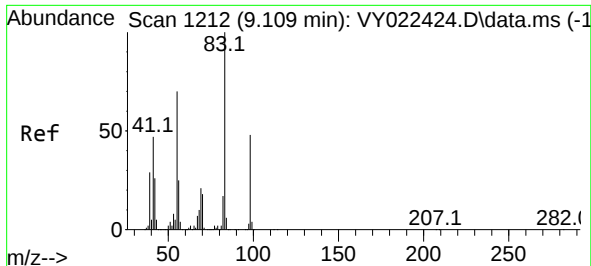
Ion Ratio Lower Upper

117 100

119 97.3 76.3 114.5

121 31.3 26.1 39.1





#39

Methylcyclohexane

Concen: 46.629 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

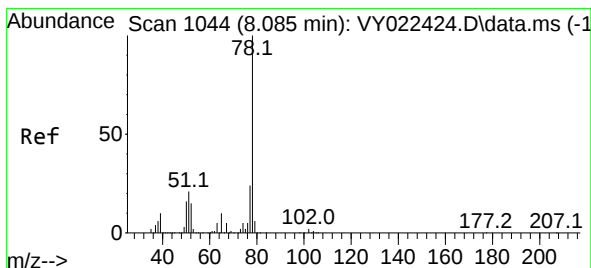
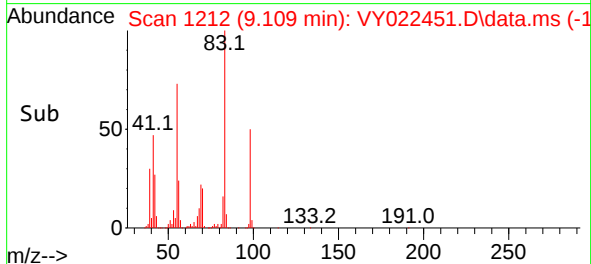
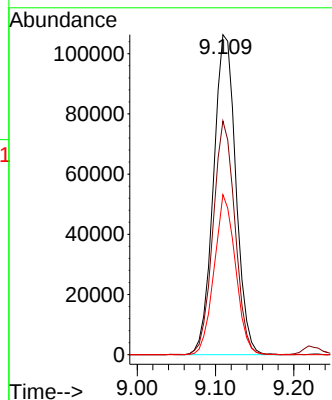
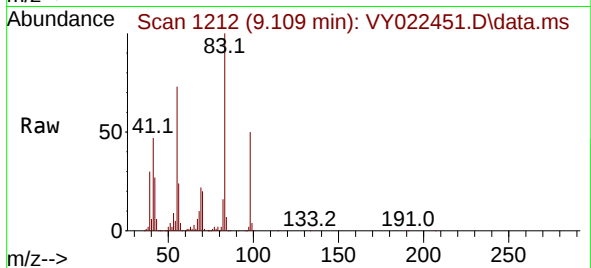
Tgt Ion: 83 Resp: 211399

Ion Ratio Lower Upper

83 100

55 73.1 56.2 84.2

98 50.0 38.4 57.6



#40

Benzene

Concen: 50.395 ug/l

RT: 8.085 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VY022451.D

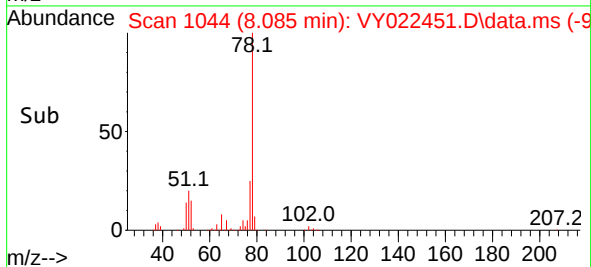
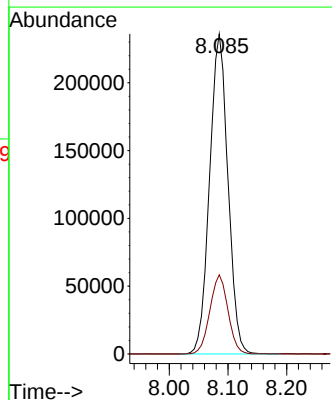
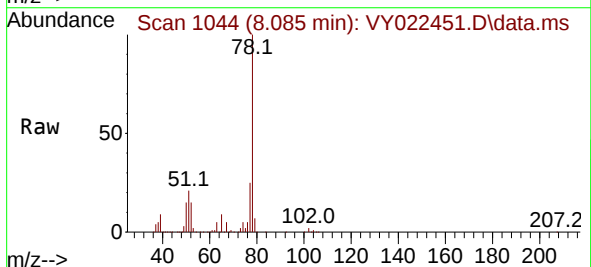
Acq: 28 May 2025 15:49

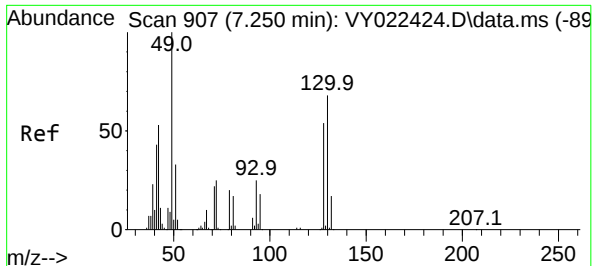
Tgt Ion: 78 Resp: 511430

Ion Ratio Lower Upper

78 100

77 24.8 19.4 29.2



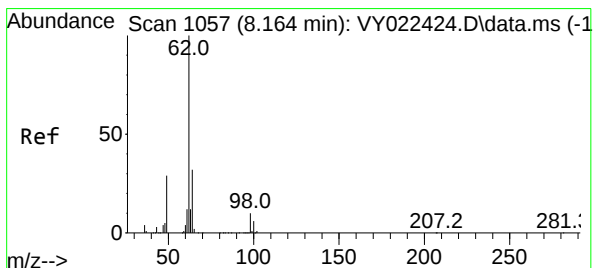
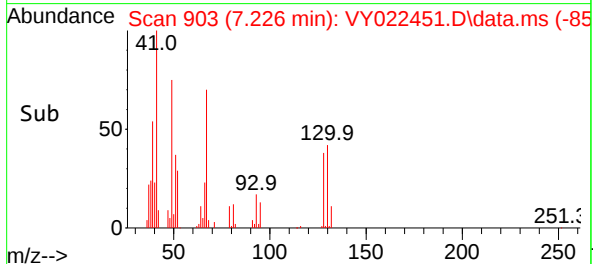
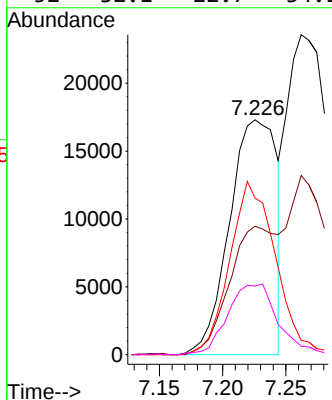
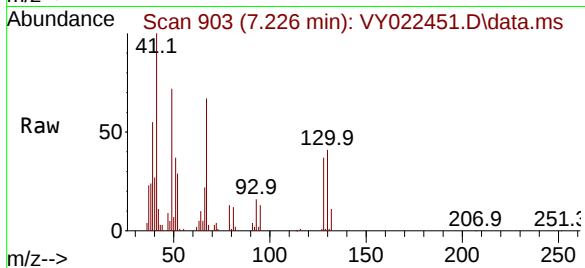


#41
Methacrylonitrile
Concen: 51.075 ug/l
RT: 7.226 min Scan# 907
Delta R.T. -0.024 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 44932

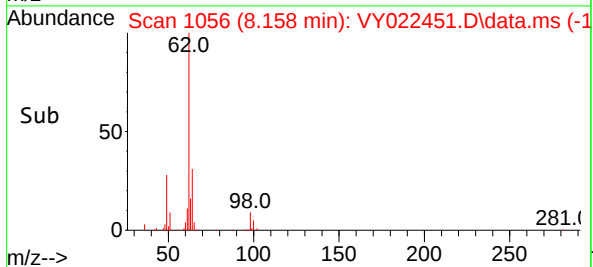
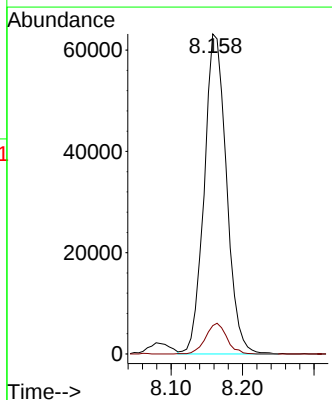
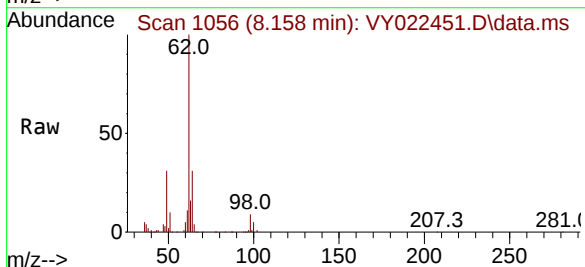
Ion	Ratio	Lower	Upper
41	100		
39	55.4	40.4	60.6
67	72.4	53.0	79.4
52	32.1	22.7	34.1

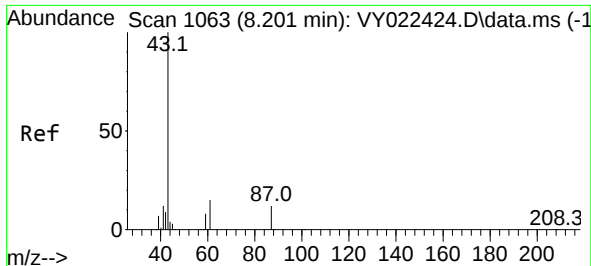


#42
1,2-Dichloroethane
Concen: 51.069 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 62 Resp: 136880

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.4

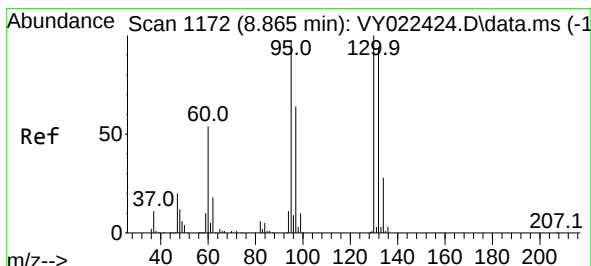
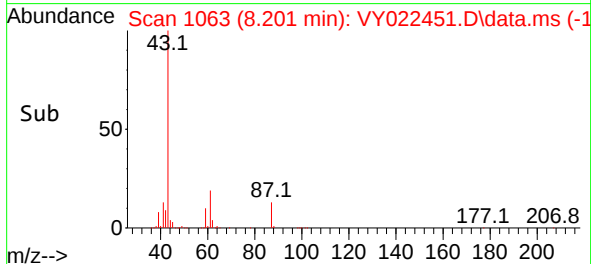
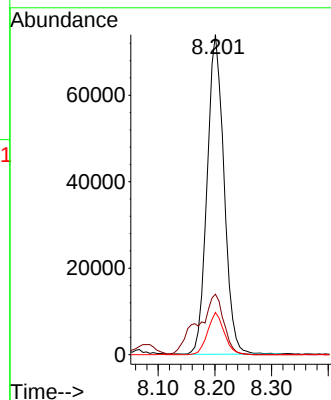
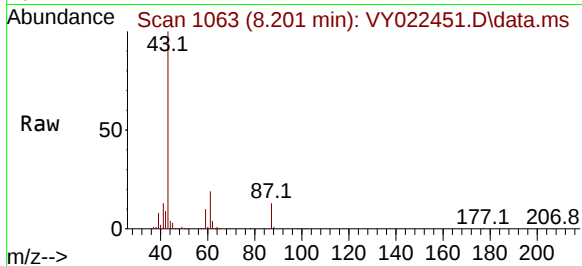




#43
Isopropyl Acetate
Concen: 48.207 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

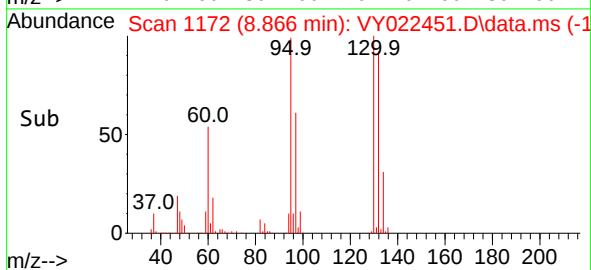
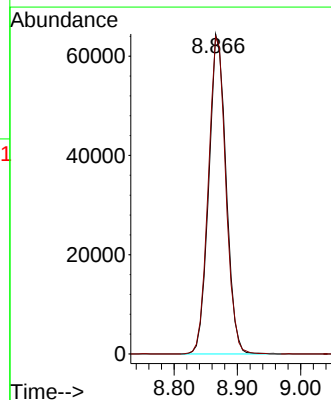
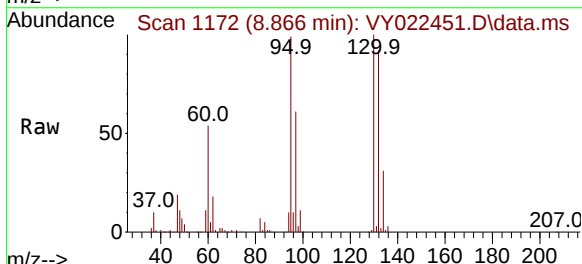
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

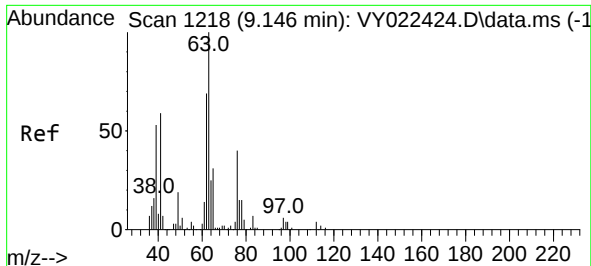
Tgt Ion: 43 Resp: 152687
Ion Ratio Lower Upper
43 100
61 28.9 15.4 23.0#
87 13.0 10.6 15.8



#44
Trichloroethene
Concen: 48.890 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion:130 Resp: 122653
Ion Ratio Lower Upper
130 100
95 99.2 0.0 194.8





#45

1,2-Dichloropropane

Concen: 50.651 ug/l

RT: 9.146 min Scan# 1218

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

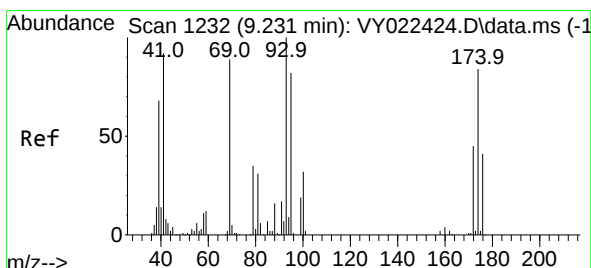
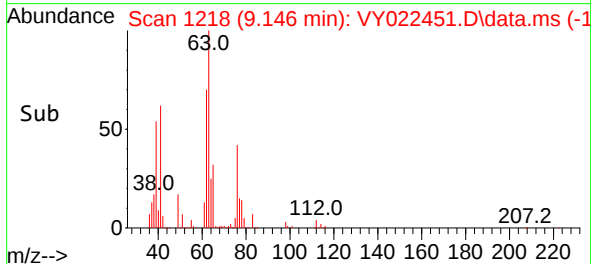
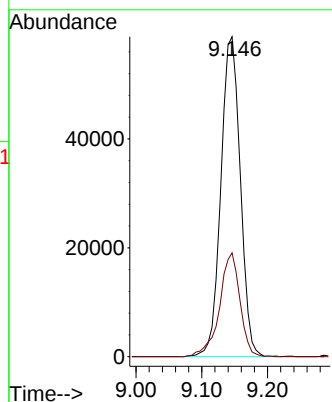
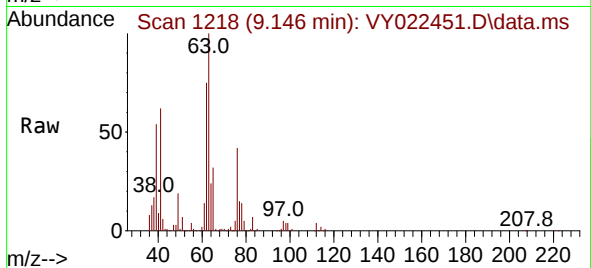
VSTDCCC050EC

Tgt Ion: 63 Resp: 120773

Ion Ratio Lower Upper

63 100

65 32.5 25.1 37.7



#46

Dibromomethane

Concen: 50.012 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

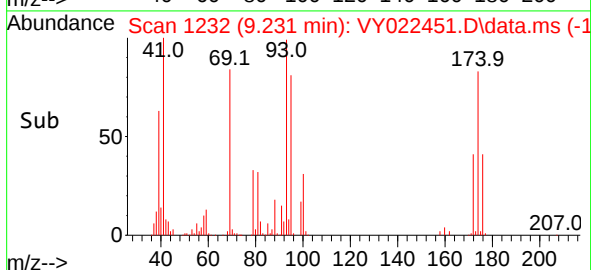
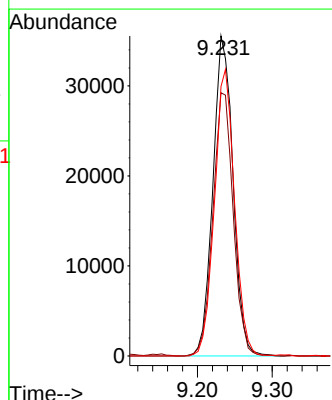
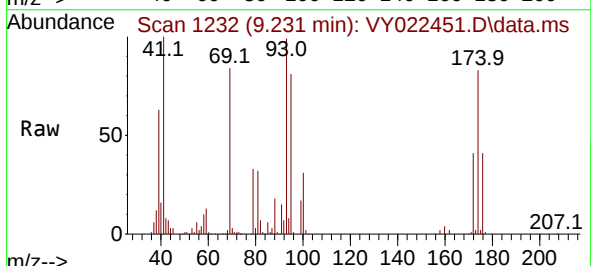
Tgt Ion: 93 Resp: 66615

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.2

174 89.5 71.1 106.7

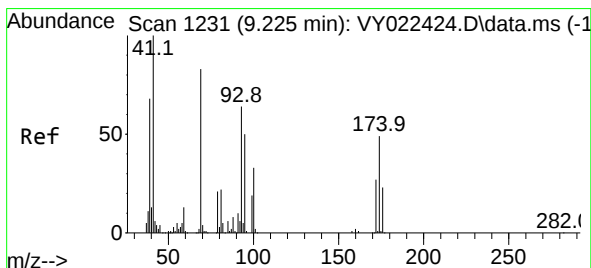
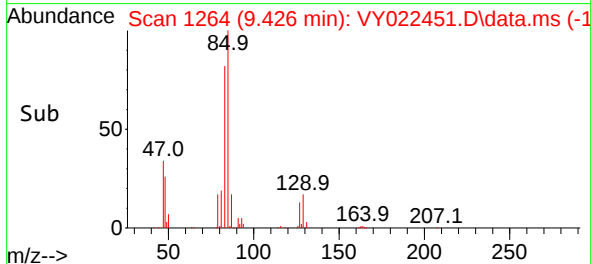
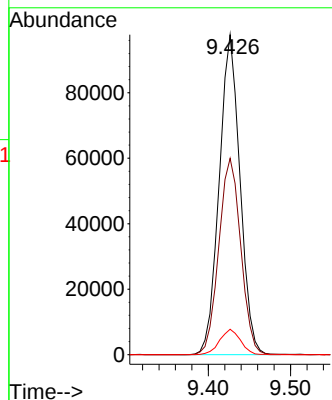
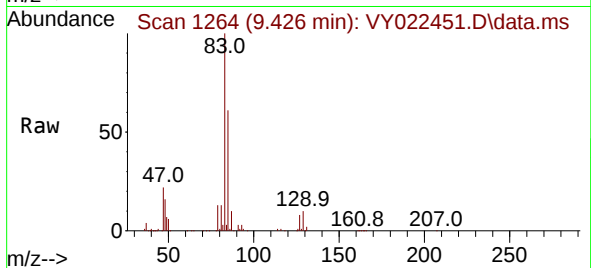




#47
Bromodichloromethane
Concen: 50.228 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

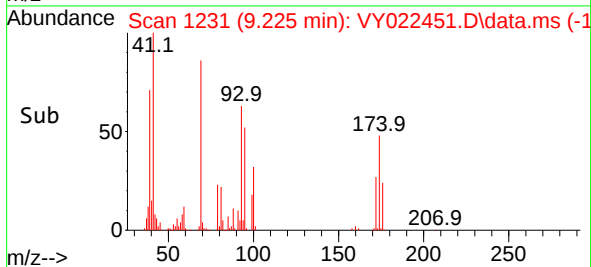
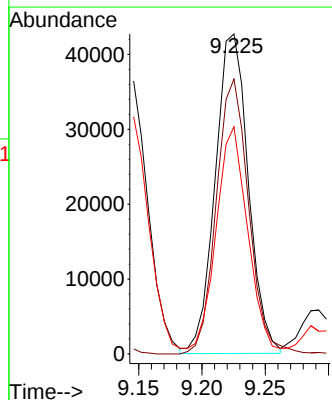
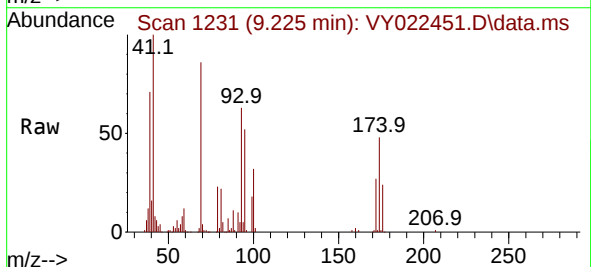
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

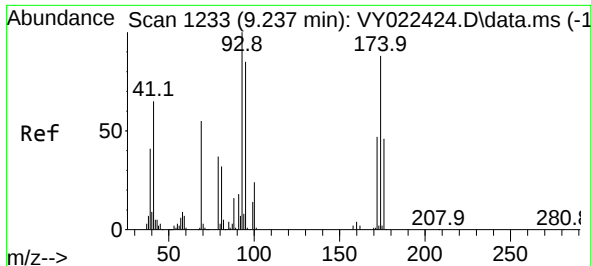
Tgt Ion: 83 Resp: 172046
Ion Ratio Lower Upper
83 100
85 61.4 49.8 74.6
127 8.0 6.6 9.8



#48
Methyl methacrylate
Concen: 52.917 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 41 Resp: 77802
Ion Ratio Lower Upper
41 100
69 84.2 70.3 105.5
39 64.8 55.4 83.0





#49

1,4-Dioxane

Concen: 1008.958 ug/l

RT: 9.231 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

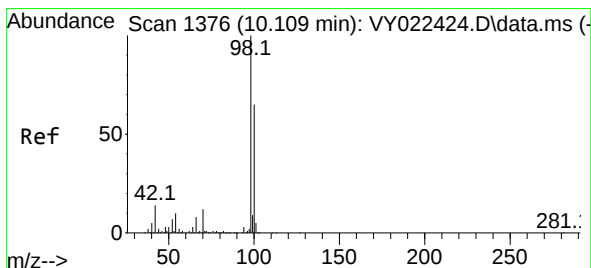
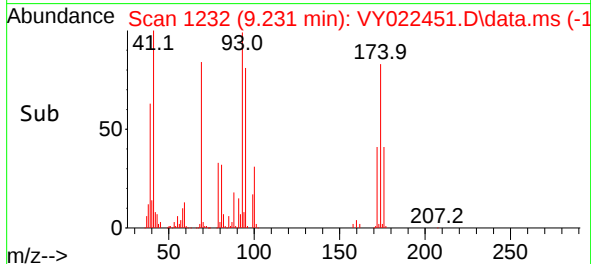
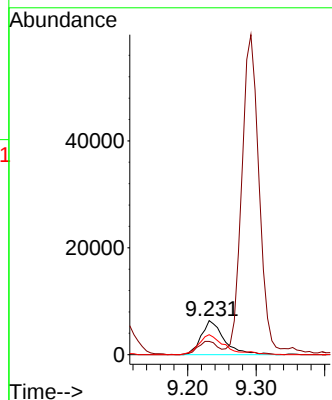
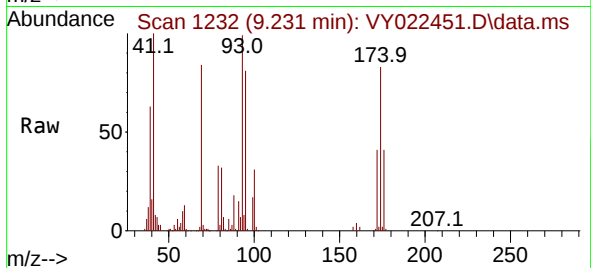
Tgt Ion: 88 Resp: 14844

Ion Ratio Lower Upper

88 100

43 33.8 26.9 40.3

58 66.8 55.8 83.6



#50

Toluene-d8

Concen: 49.338 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY022451.D

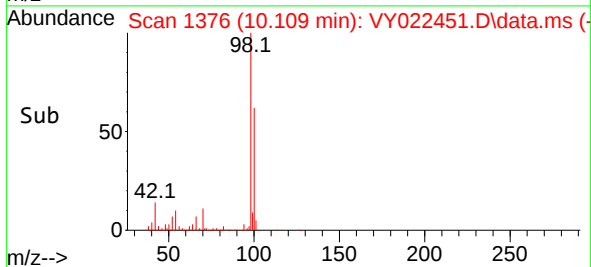
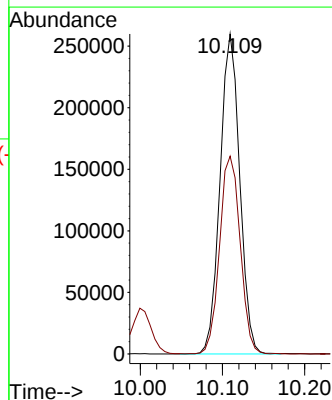
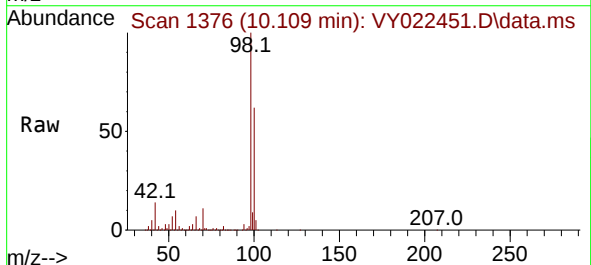
Acq: 28 May 2025 15:49

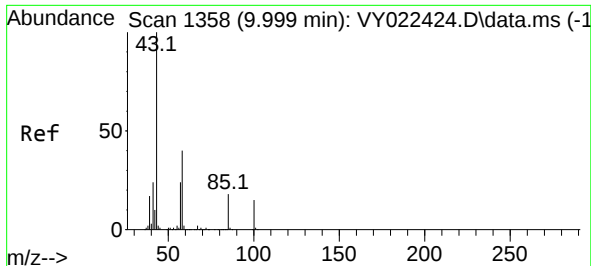
Tgt Ion: 98 Resp: 432283

Ion Ratio Lower Upper

98 100

100 64.7 52.2 78.2

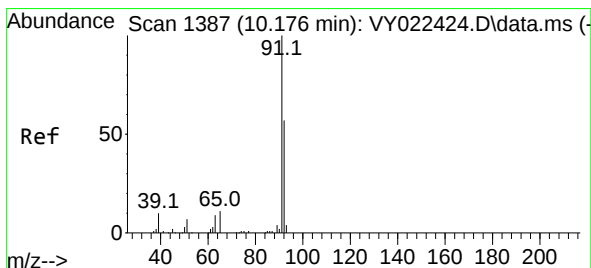
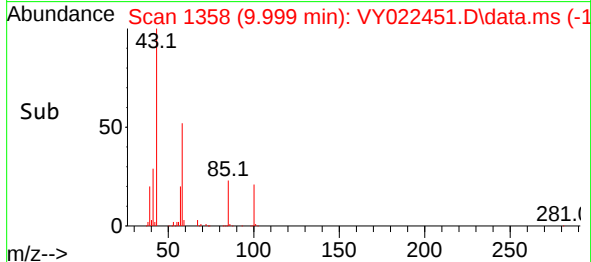
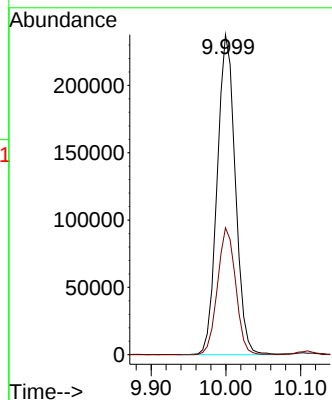
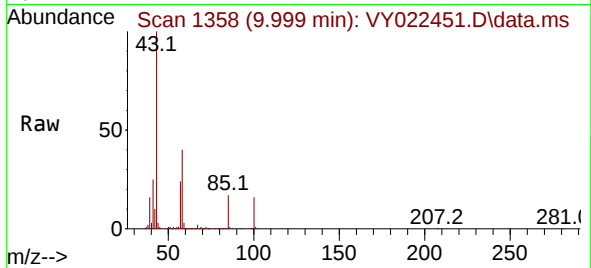




#51
4-Methyl-2-Pentanone
Concen: 256.674 ug/l
RT: 9.999 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

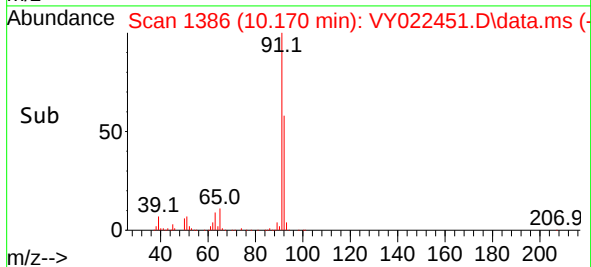
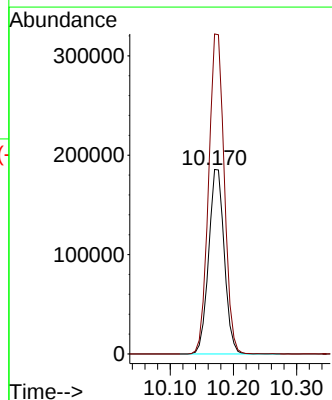
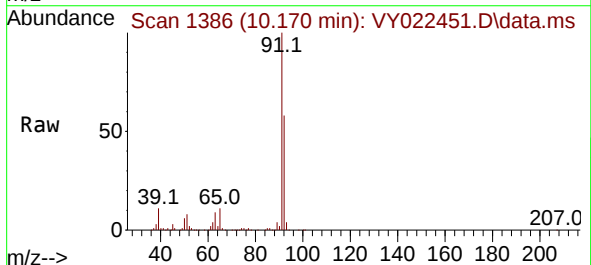
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

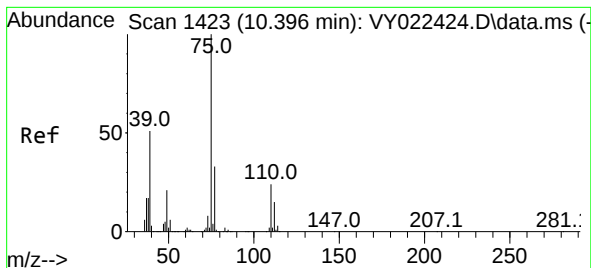
Tgt Ion: 43 Resp: 401116
Ion Ratio Lower Upper
43 100
58 39.7 31.2 46.8



#52
Toluene
Concen: 50.322 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. -0.006 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 92 Resp: 318974
Ion Ratio Lower Upper
92 100
91 173.8 139.8 209.6

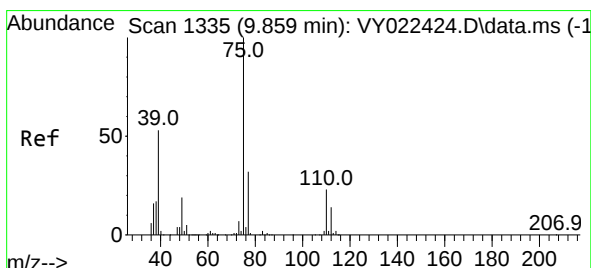
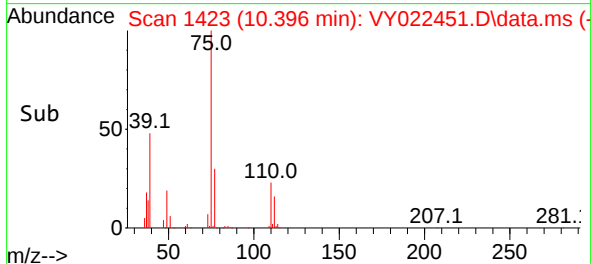
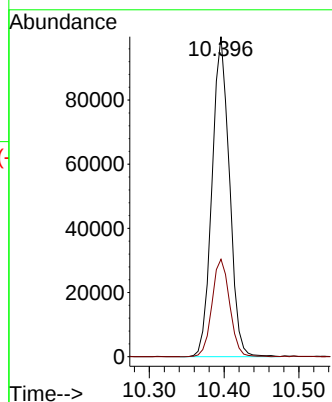
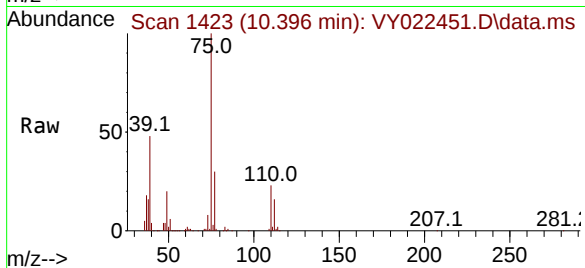




#53
 t-1,3-Dichloropropene
 Concen: 50.516 ug/l
 RT: 10.396 min Scan# 1423
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

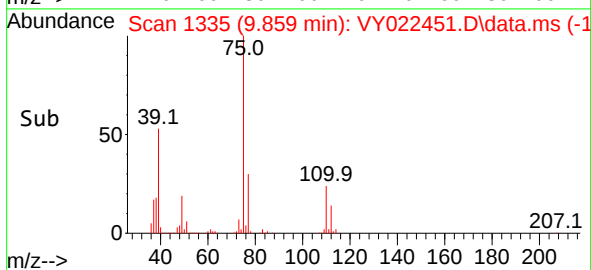
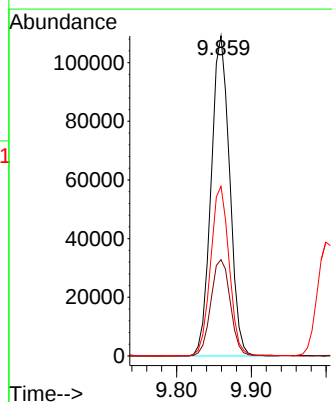
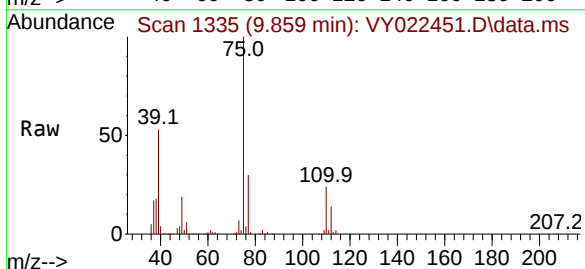
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

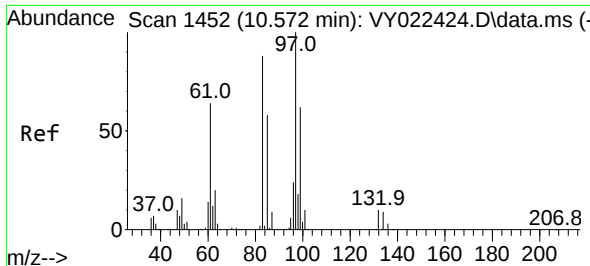
Tgt Ion: 75 Resp: 161174
 Ion Ratio Lower Upper
 75 100
 77 30.4 26.2 39.2



#54
 cis-1,3-Dichloropropene
 Concen: 50.000 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion: 75 Resp: 187447
 Ion Ratio Lower Upper
 75 100
 77 30.1 25.4 38.2
 39 52.8 42.5 63.7

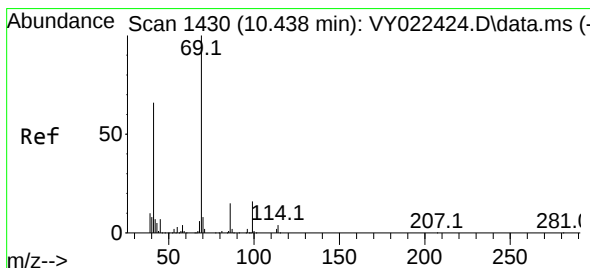
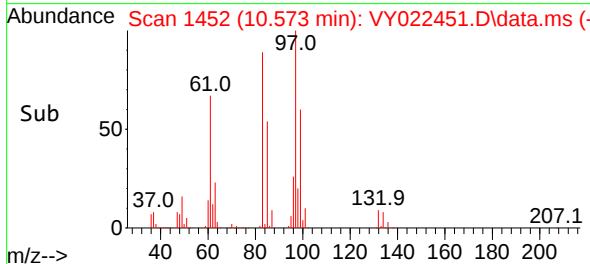
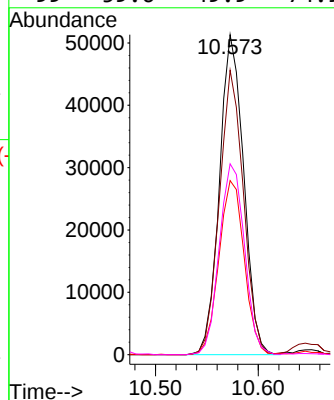
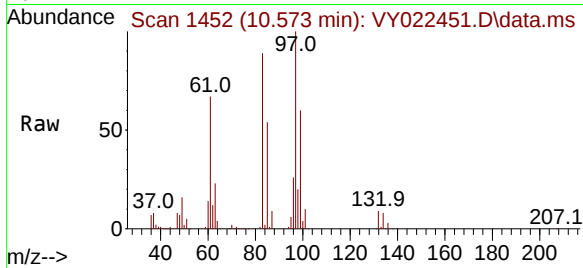




#55
1,1,2-Trichloroethane
Concen: 49.883 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

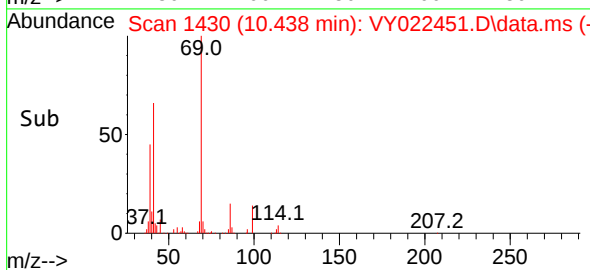
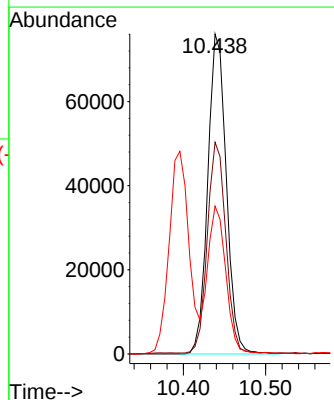
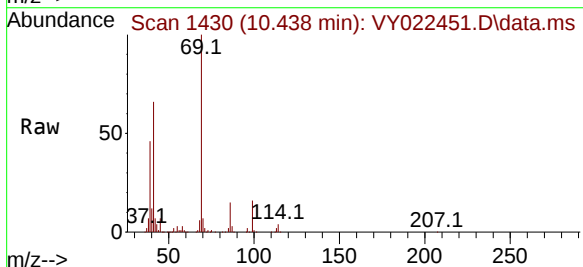
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

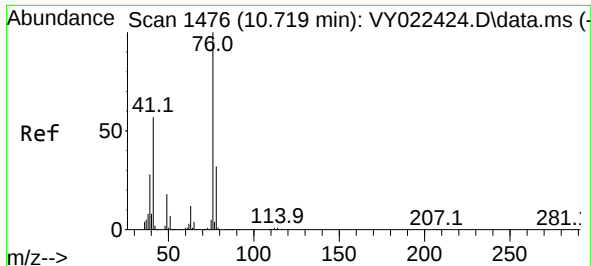
Tgt Ion:	97	Resp:	84007
Ion	Ratio	Lower	Upper
97	100		
83	88.9	70.2	105.4
85	54.4	46.1	69.1
99	59.6	49.9	74.9



#56
Ethyl methacrylate
Concen: 49.346 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion:	69	Resp:	119256
Ion	Ratio	Lower	Upper
69	100		
41	65.7	51.2	76.8
39	44.4	35.2	52.8





#57

1,3-Dichloropropane

Concen: 50.913 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

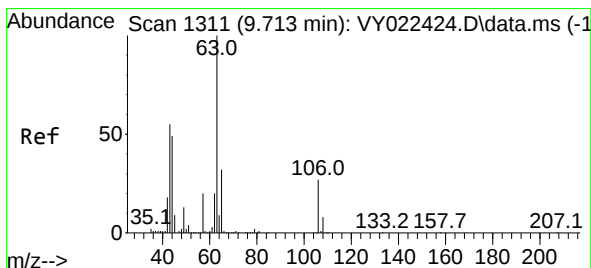
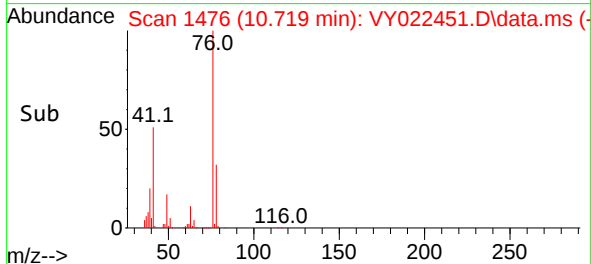
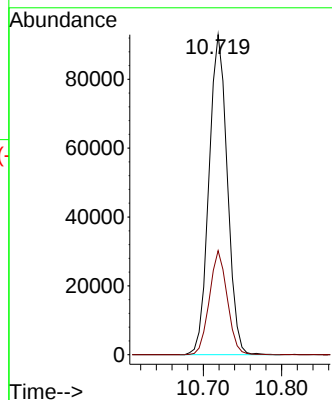
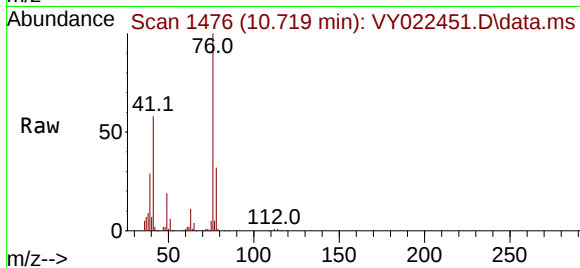
VSTDCCC050EC

Tgt Ion: 76 Resp: 151098

Ion Ratio Lower Upper

76 100

78 31.5 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 256.170 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY022451.D

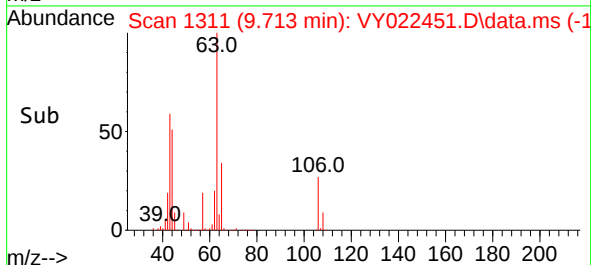
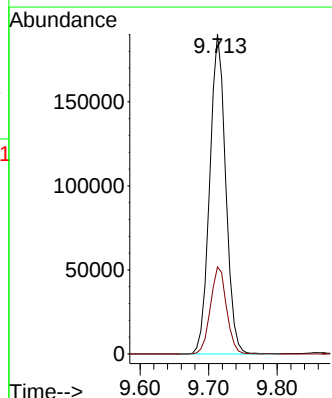
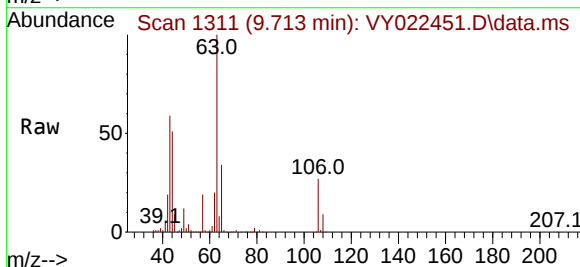
Acq: 28 May 2025 15:49

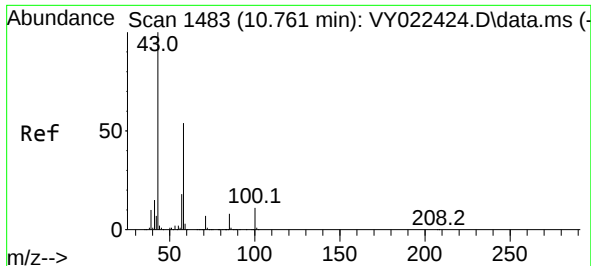
Tgt Ion: 63 Resp: 308545

Ion Ratio Lower Upper

63 100

106 27.3 22.2 33.2





#59

2-Hexanone

Concen: 259.108 ug/l

RT: 10.762 min Scan# 1483

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

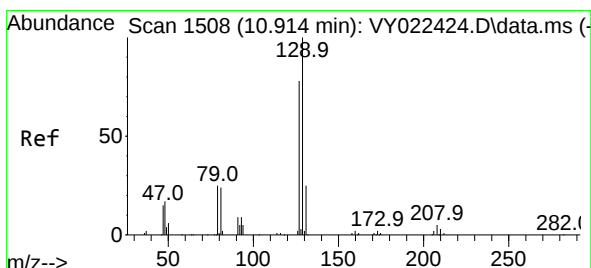
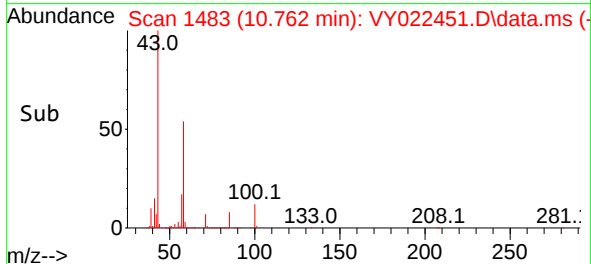
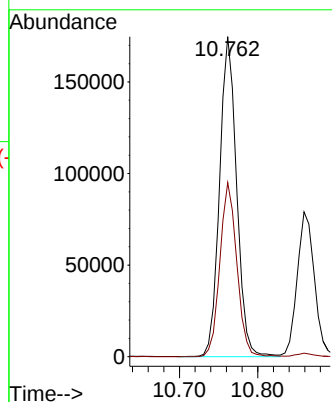
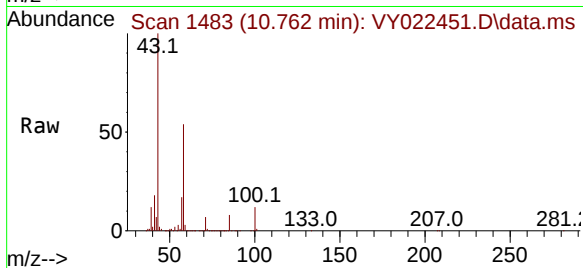
VSTDCCC050EC

Tgt Ion: 43 Resp: 265364

Ion Ratio Lower Upper

43 100

58 54.0 27.1 81.2



#60

Dibromochloromethane

Concen: 51.401 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.000 min

Lab File: VY022451.D

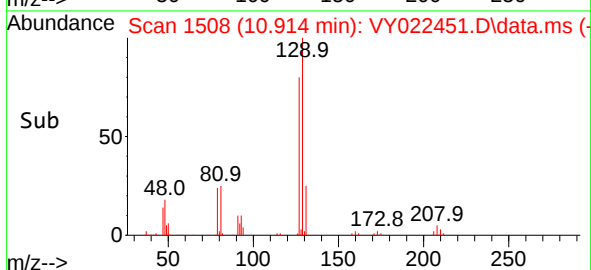
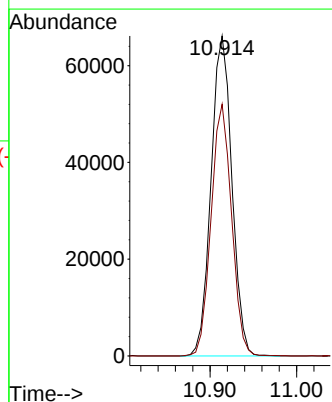
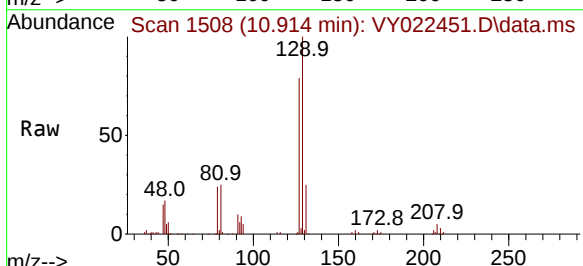
Acq: 28 May 2025 15:49

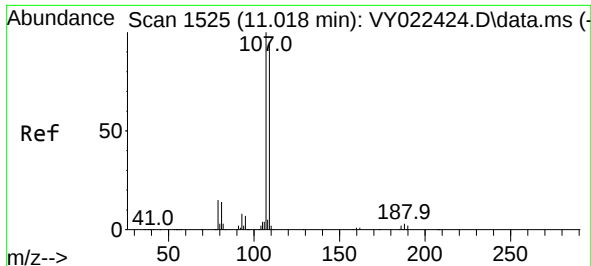
Tgt Ion:129 Resp: 110576

Ion Ratio Lower Upper

129 100

127 77.3 38.3 114.8

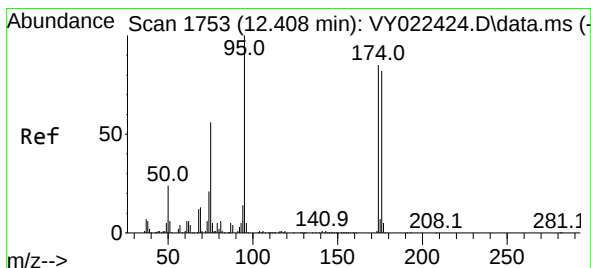
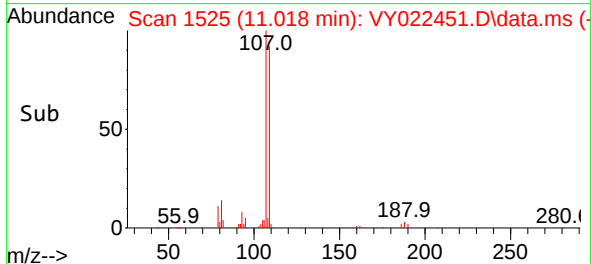
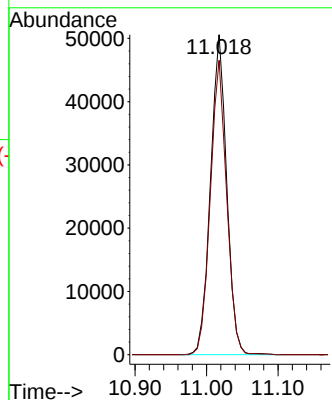
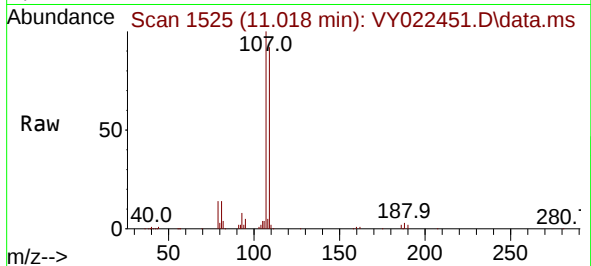




#61
1,2-Dibromoethane
Concen: 51.644 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

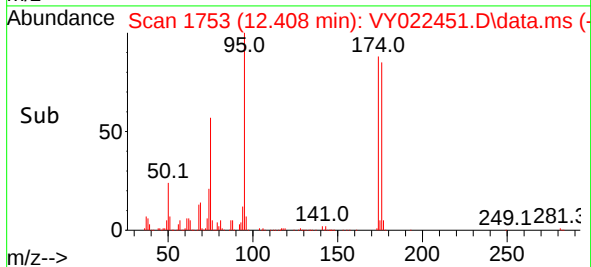
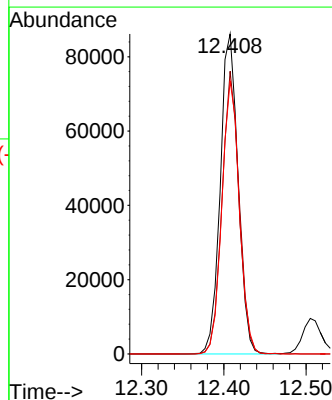
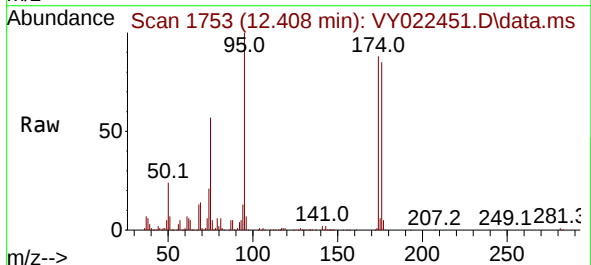
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

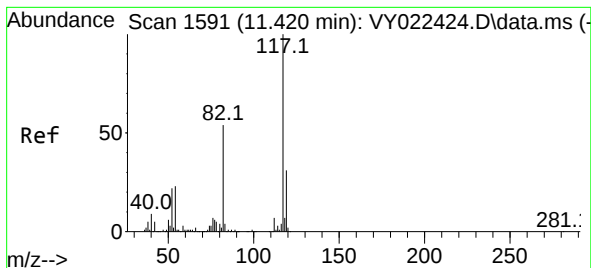
Tgt Ion:107 Resp: 79548
Ion Ratio Lower Upper
107 100
109 92.7 74.0 111.0



#62
4-Bromofluorobenzene
Concen: 48.851 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 95 Resp: 129468
Ion Ratio Lower Upper
95 100
174 85.5 0.0 171.6
176 83.5 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

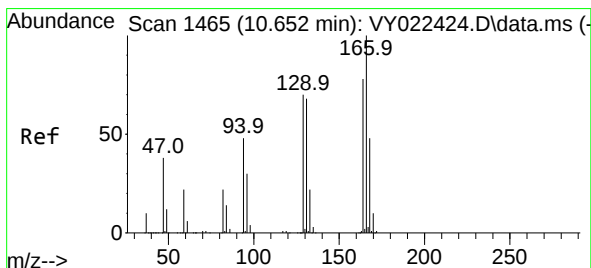
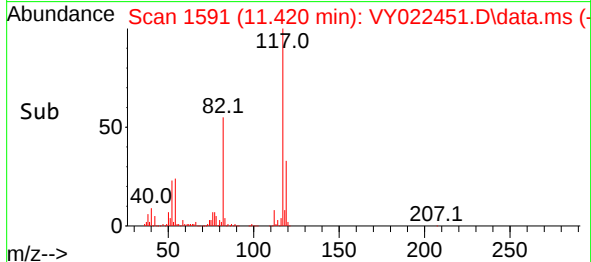
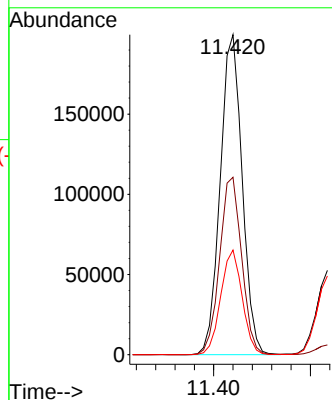
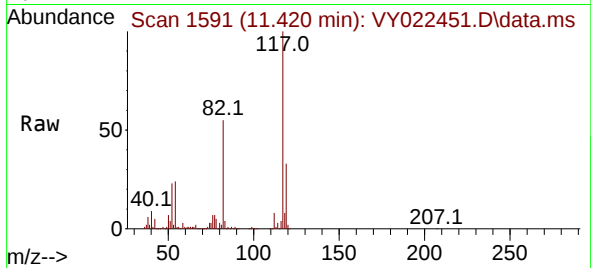
Tgt Ion:117 Resp: 313936

Ion Ratio Lower Upper

117 100

82 55.4 43.3 64.9

119 32.7 24.5 36.7



#64

Tetrachloroethene

Concen: 48.228 ug/l

RT: 10.652 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Tgt Ion:164 Resp: 128944

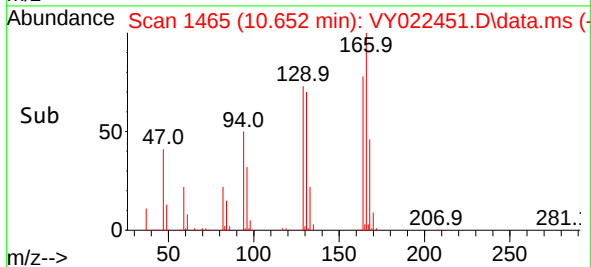
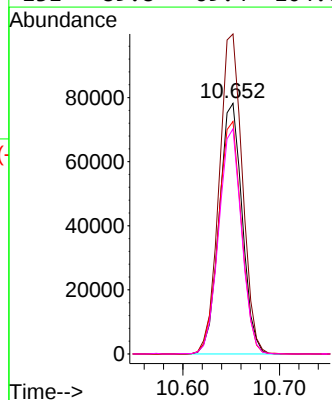
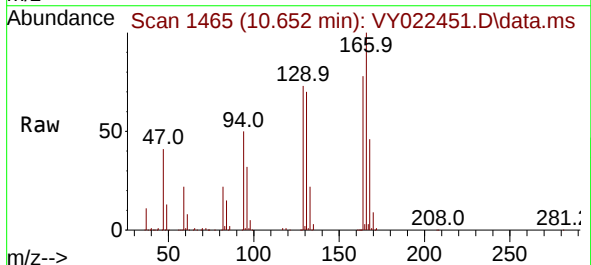
Ion Ratio Lower Upper

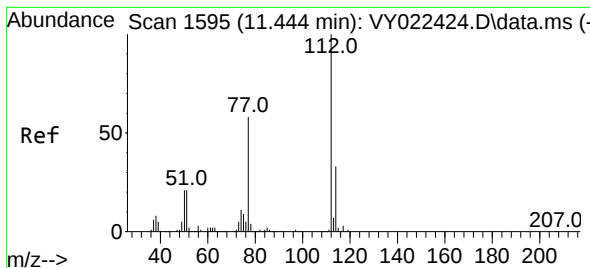
164 100

166 127.7 102.0 153.0

129 92.7 71.3 106.9

131 89.8 69.4 104.0





#65

Chlorobenzene

Concen: 50.091 ug/l

RT: 11.444 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

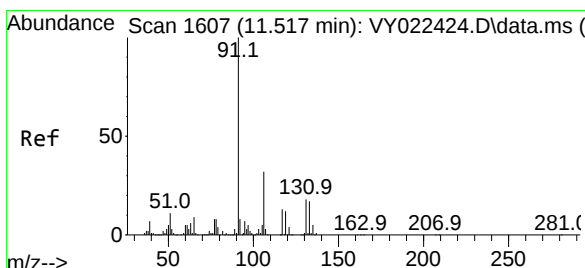
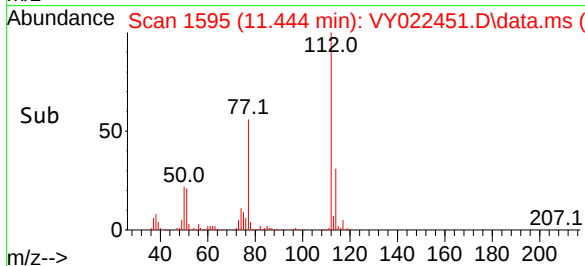
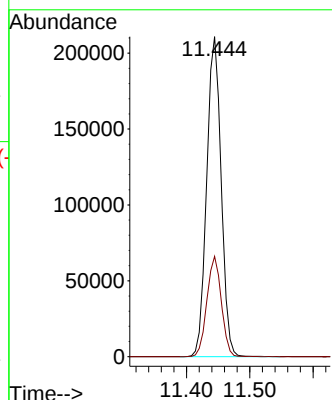
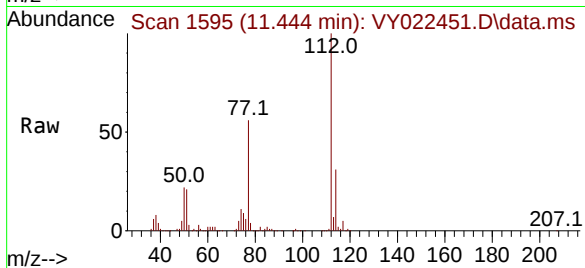
VSTDCCC050EC

Tgt Ion:112 Resp: 335311

Ion Ratio Lower Upper

112 100

114 31.3 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 50.317 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

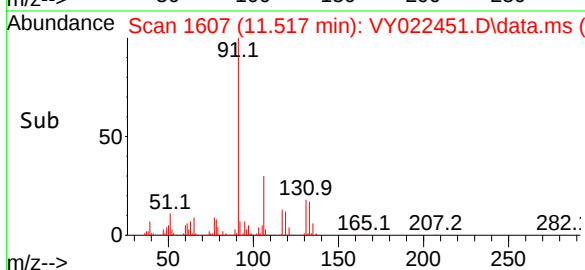
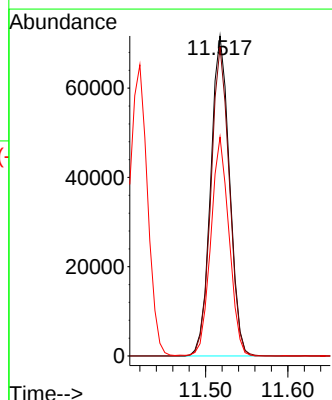
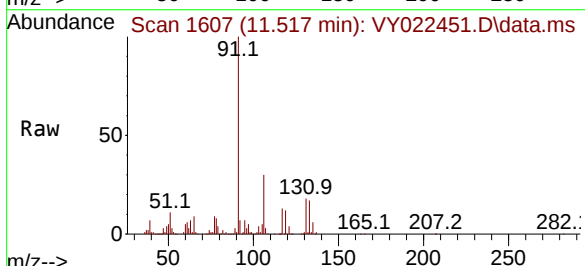
Tgt Ion:131 Resp: 114121

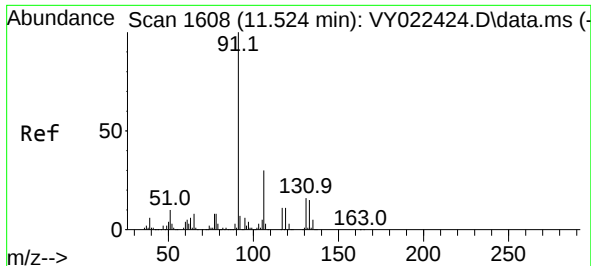
Ion Ratio Lower Upper

131 100

133 94.6 46.6 139.8

119 66.1 33.3 99.8





#67

Ethyl Benzene

Concen: 49.162 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

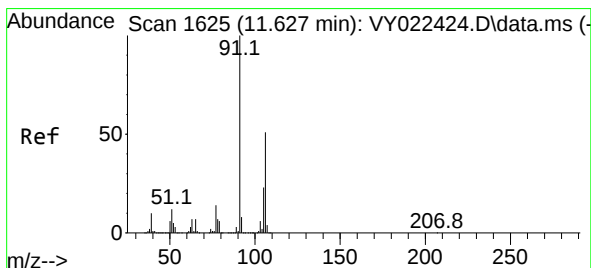
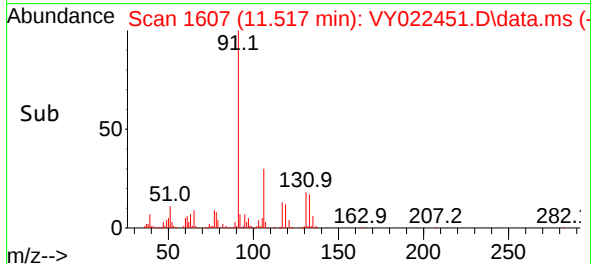
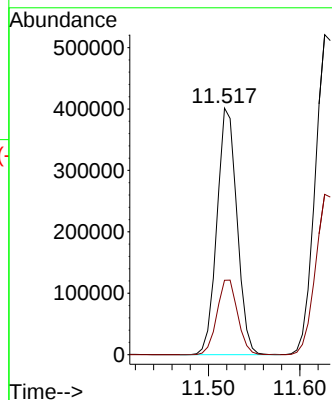
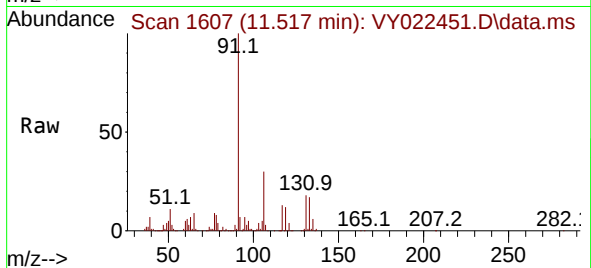
VSTDCCC050EC

Tgt Ion: 91 Resp: 611059

Ion Ratio Lower Upper

91 100

106 30.2 24.4 36.6



#68

m/p-Xylenes

Concen: 99.078 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY022451.D

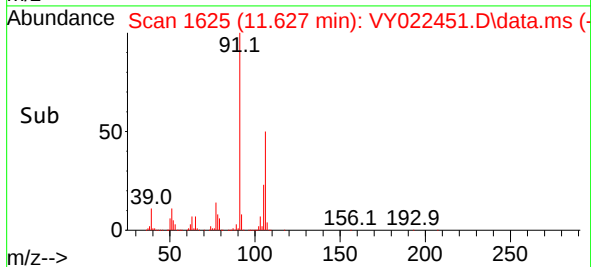
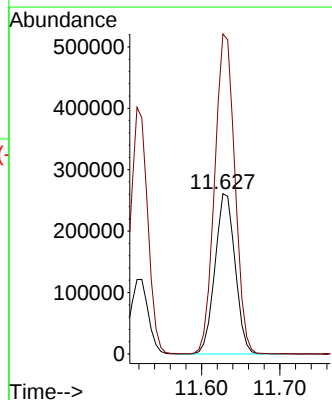
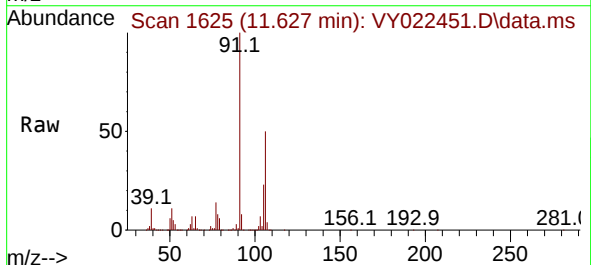
Acq: 28 May 2025 15:49

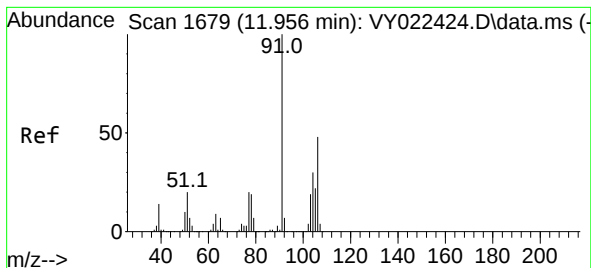
Tgt Ion:106 Resp: 466907

Ion Ratio Lower Upper

106 100

91 200.3 159.8 239.8





#69

o-Xylene

Concen: 49.828 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

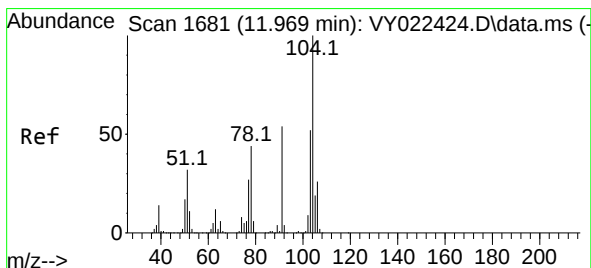
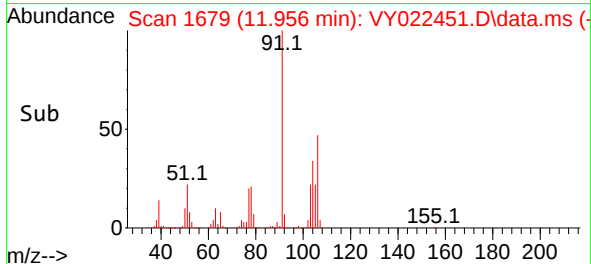
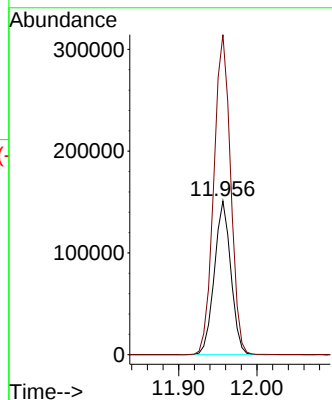
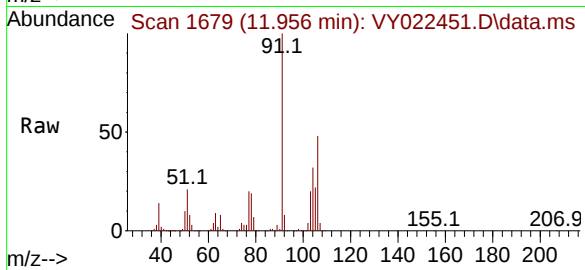
VSTDCCC050EC

Tgt Ion:106 Resp: 220691

Ion Ratio Lower Upper

106 100

91 212.9 106.3 318.9



#70

Styrene

Concen: 50.865 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

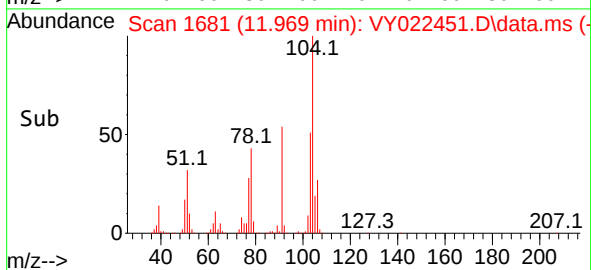
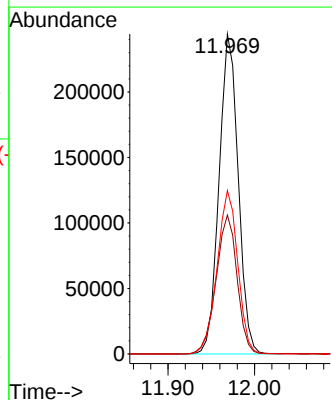
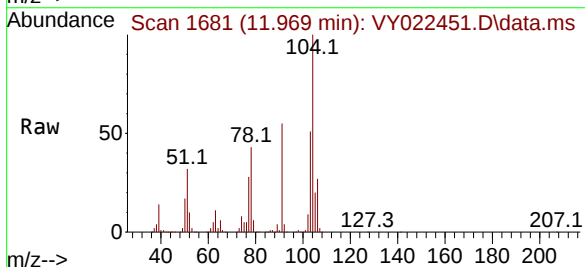
Tgt Ion:104 Resp: 375121

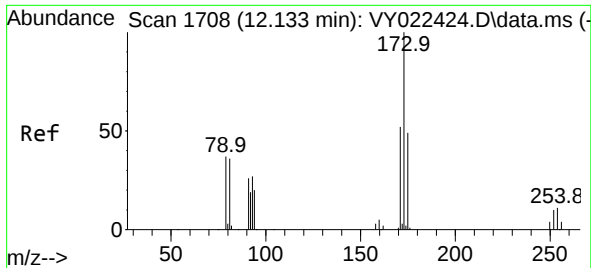
Ion Ratio Lower Upper

104 100

78 47.7 38.8 58.2

103 55.1 43.4 65.2

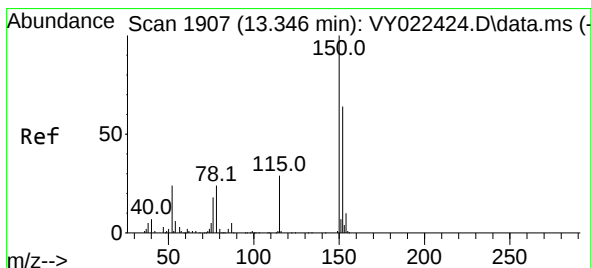
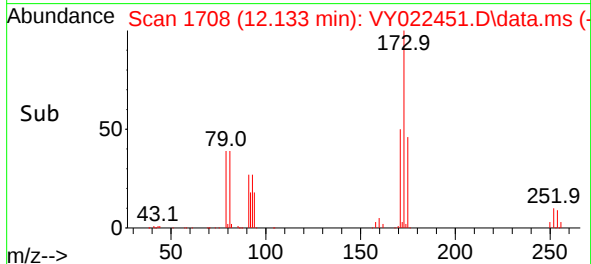
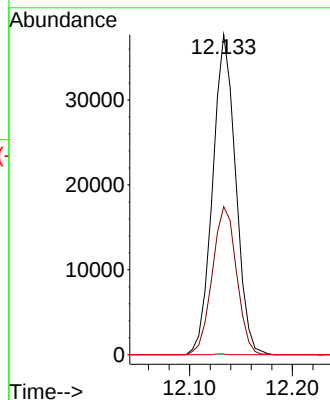
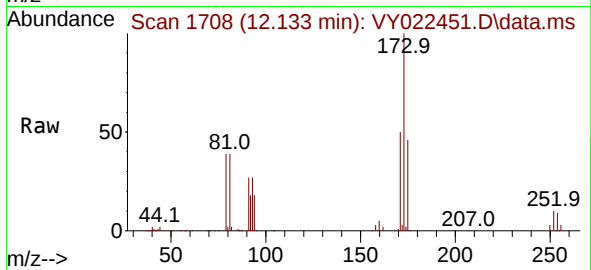




#71
Bromoform
Concen: 49.268 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

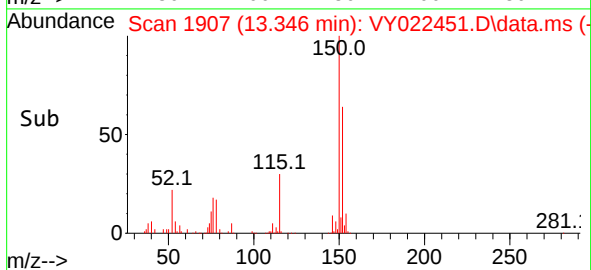
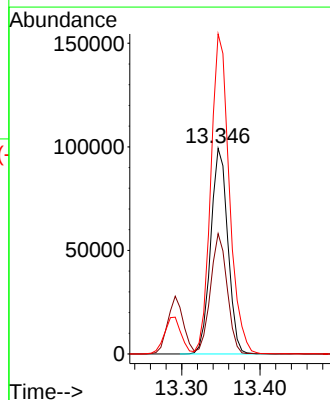
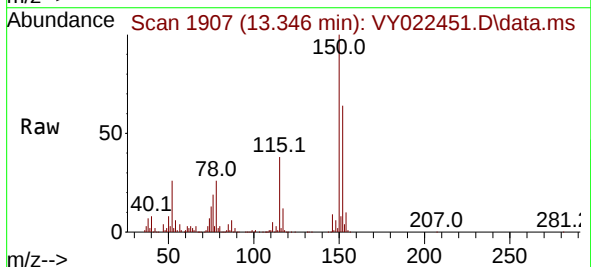
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

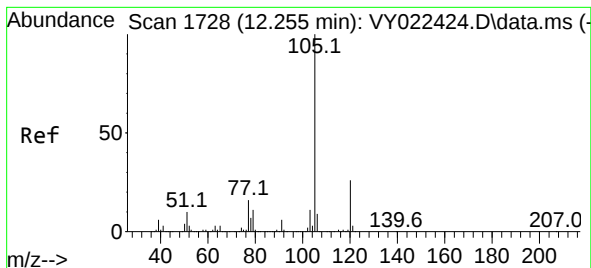
Tgt Ion:173 Resp: 58530
Ion Ratio Lower Upper
173 100
175 48.8 24.3 73.0
254 0.1 0.1 0.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion:152 Resp: 150395
Ion Ratio Lower Upper
152 100
115 57.0 28.4 85.3
150 168.1 0.0 345.8





#73

Isopropylbenzene

Concen: 48.134 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

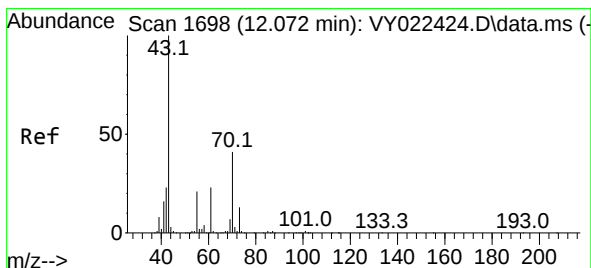
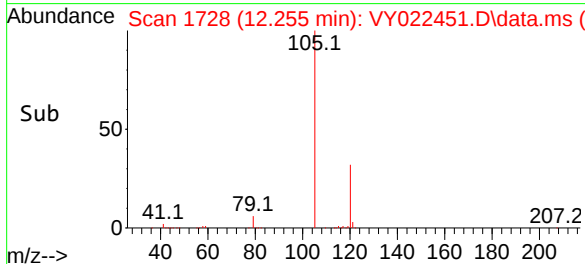
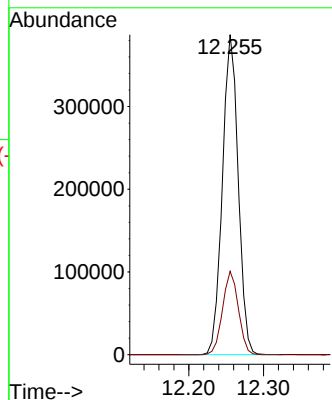
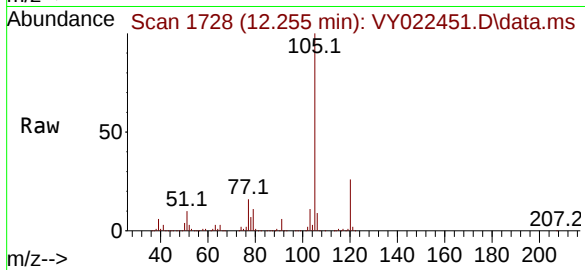
VSTDCCC050EC

Tgt Ion:105 Resp: 569740

Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5



#74

N-ethyl acetate

Concen: 47.811 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Tgt Ion: 43 Resp: 138478

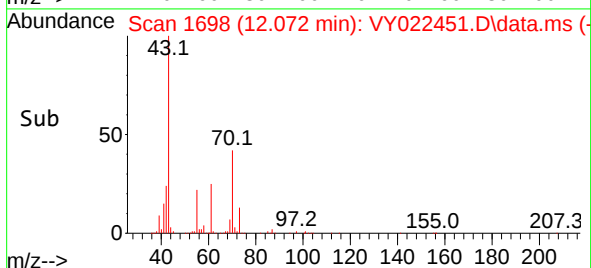
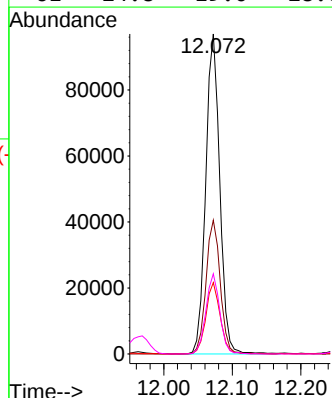
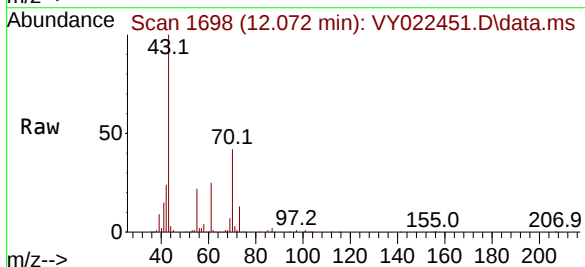
Ion Ratio Lower Upper

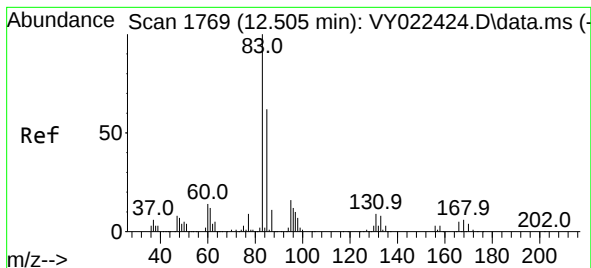
43 100

70 42.2 33.0 49.4

55 22.7 17.5 26.3

61 24.8 19.0 28.6





#75

1,1,2-Tetrachloroethane

Concen: 50.123 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

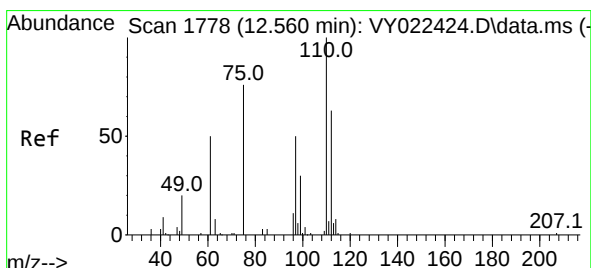
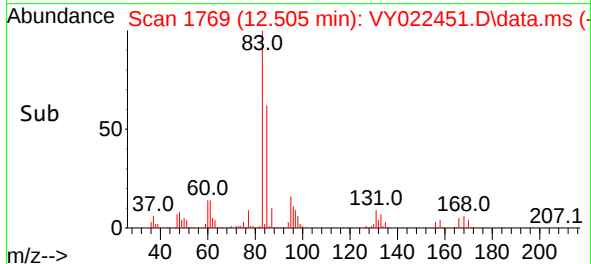
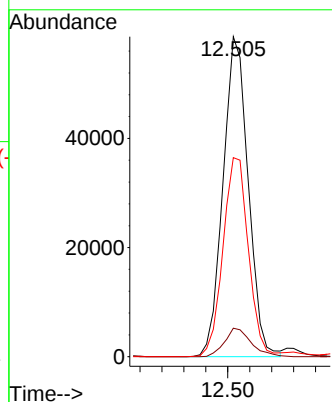
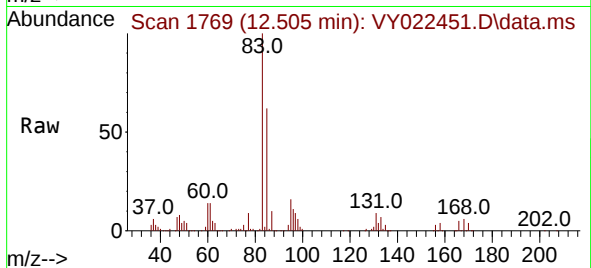
Tgt Ion: 83 Resp: 93473

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.4

85 63.0 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 86.580 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. -0.006 min

Lab File: VY022451.D

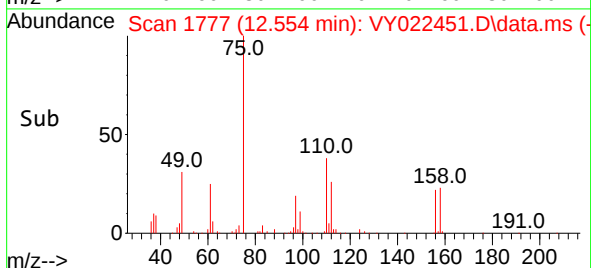
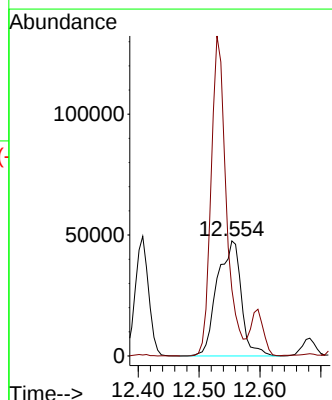
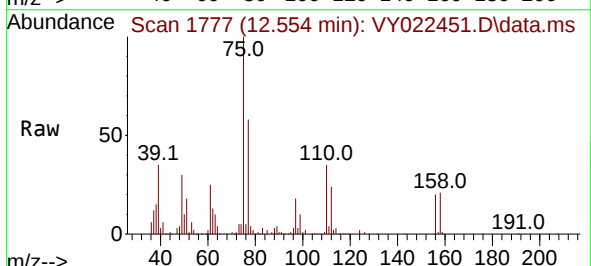
Acq: 28 May 2025 15:49

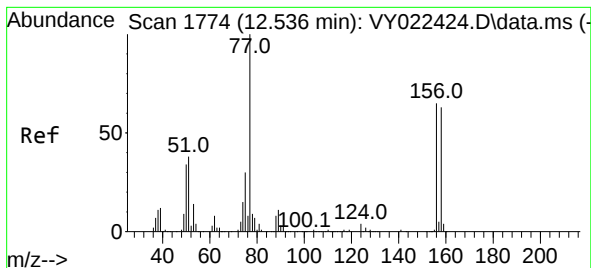
Tgt Ion: 75 Resp: 130429

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.220 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

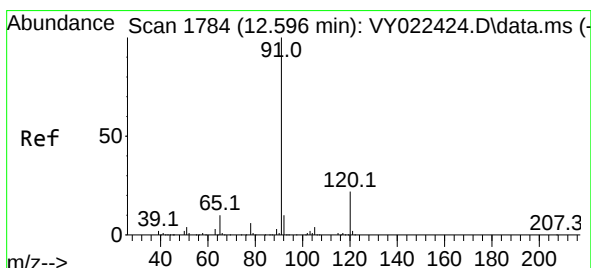
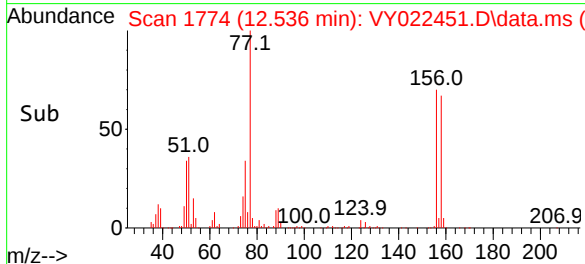
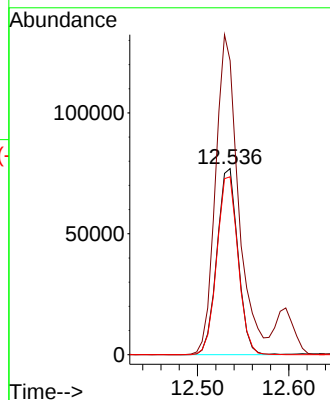
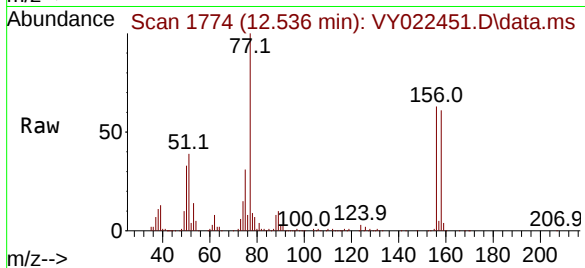
Tgt Ion:156 Resp: 122825

Ion Ratio Lower Upper

156 100

77 186.3 91.4 274.2

158 96.9 48.1 144.3



#78

n-propylbenzene

Concen: 48.605 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY022451.D

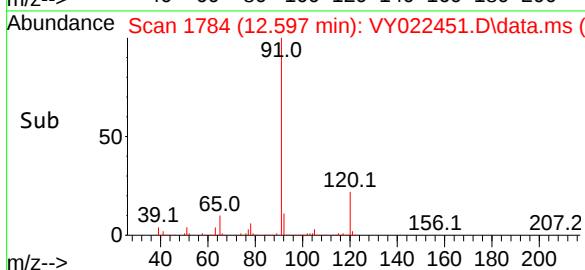
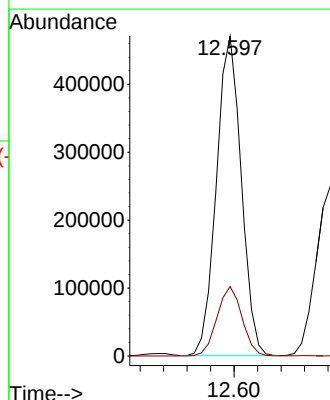
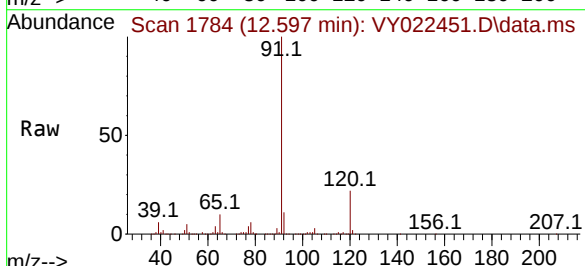
Acq: 28 May 2025 15:49

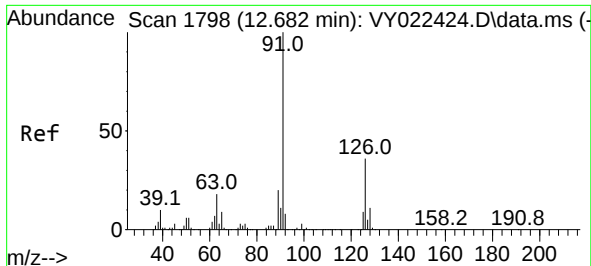
Tgt Ion: 91 Resp: 690424

Ion Ratio Lower Upper

91 100

120 21.8 11.2 33.5

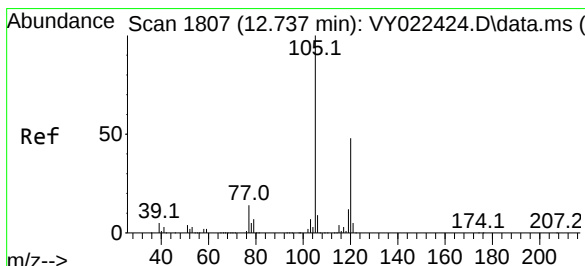
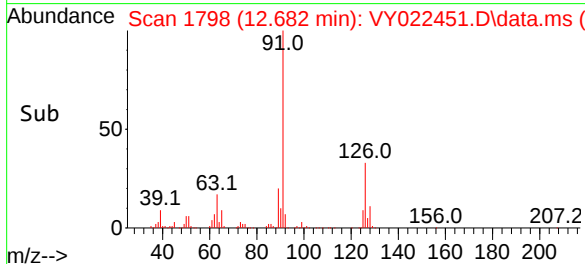
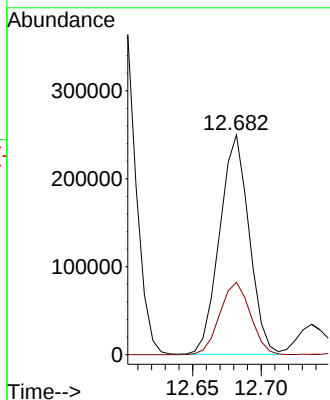
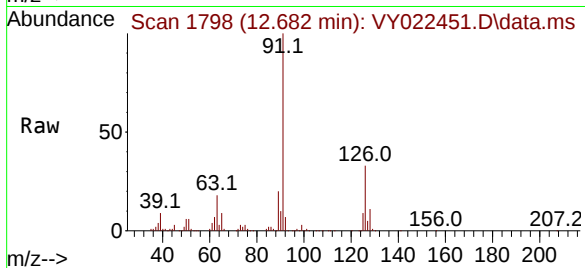




#79
2-Chlorotoluene
Concen: 48.674 ug/l
RT: 12.682 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

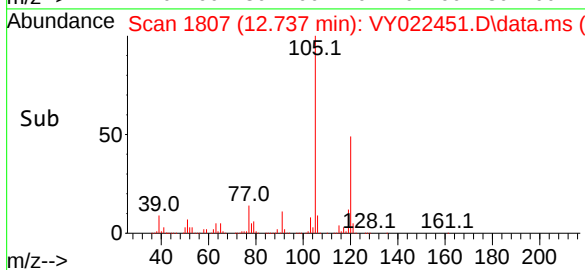
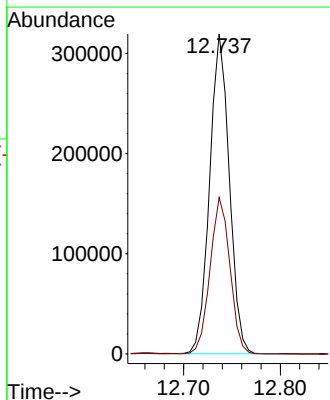
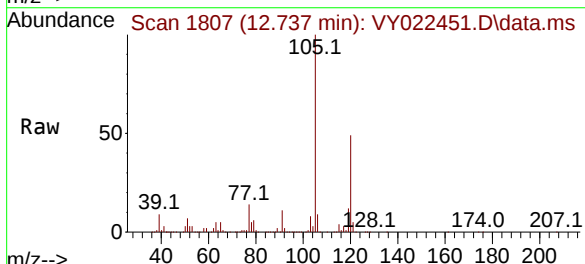
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

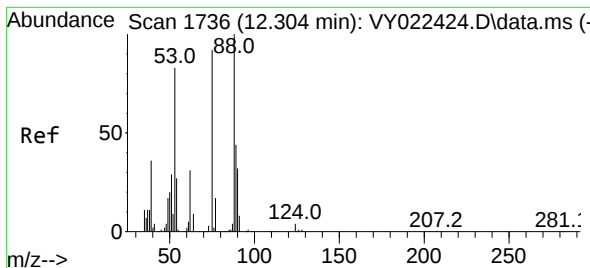
Tgt Ion: 91 Resp: 374270
Ion Ratio Lower Upper
91 100
126 34.1 17.4 52.3



#80
1,3,5-Trimethylbenzene
Concen: 48.838 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion:105 Resp: 451676
Ion Ratio Lower Upper
105 100
120 49.5 24.3 73.0

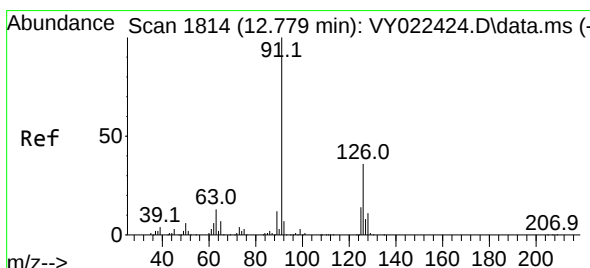
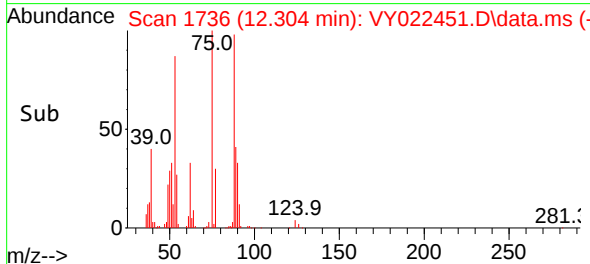
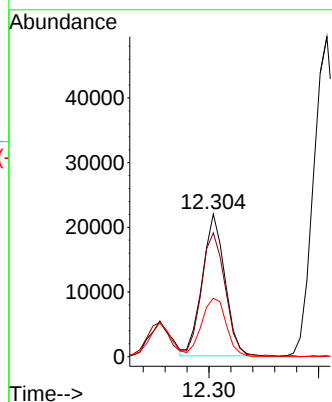
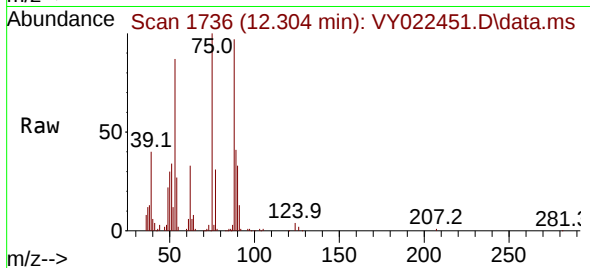




#81
trans-1,4-Dichloro-2-butene
Concen: 47.356 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

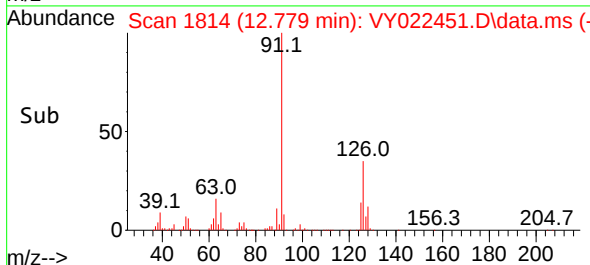
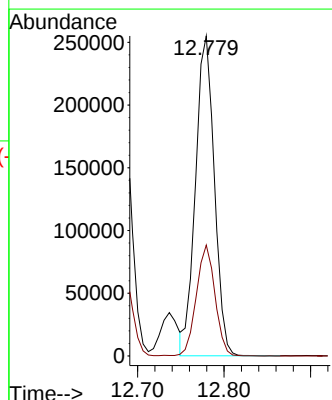
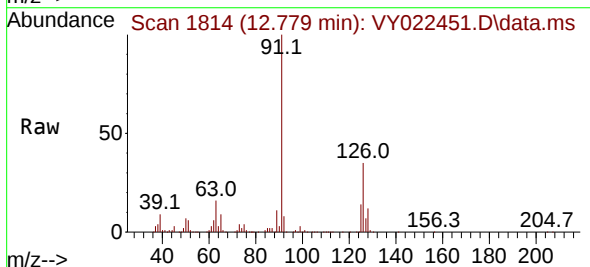
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

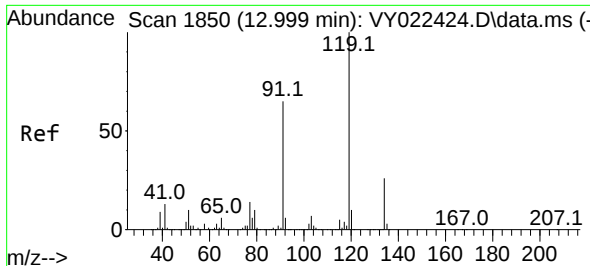
Tgt Ion: 75 Resp: 31546
Ion Ratio Lower Upper
75 100
53 92.0 75.1 112.7
89 44.6 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.590 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 91 Resp: 384804
Ion Ratio Lower Upper
91 100
126 34.4 17.2 51.6

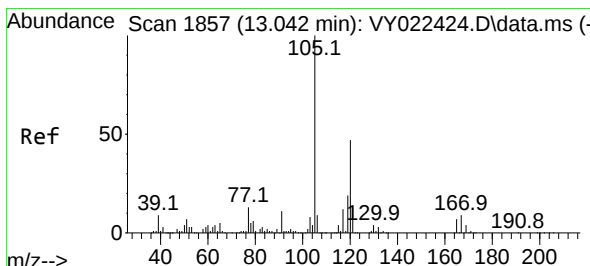
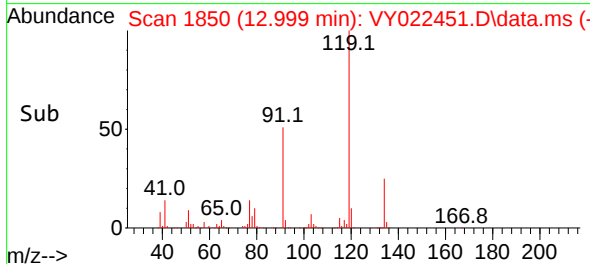
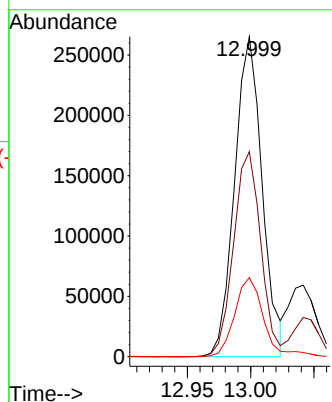
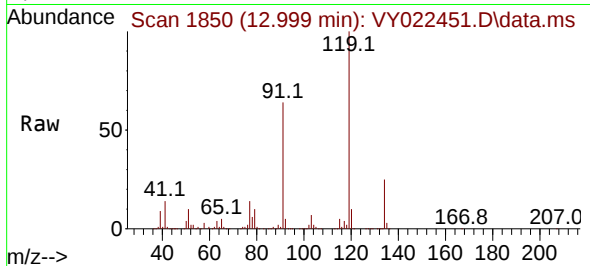




#83
 tert-Butylbenzene
 Concen: 48.238 ug/l
 RT: 12.999 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

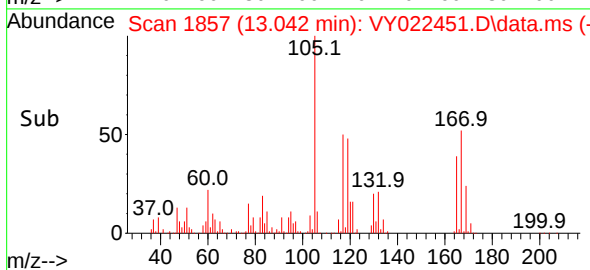
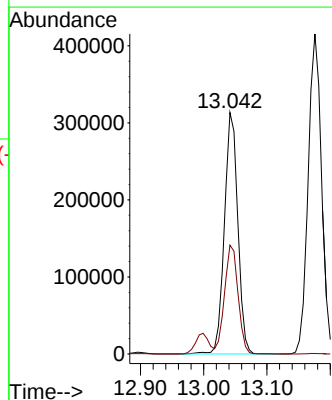
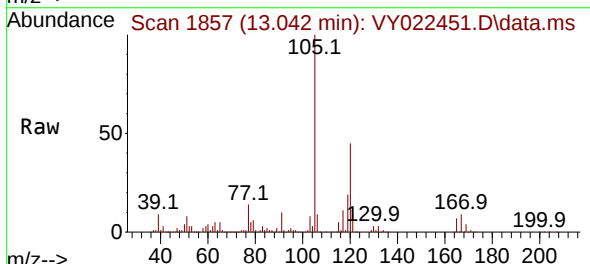
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

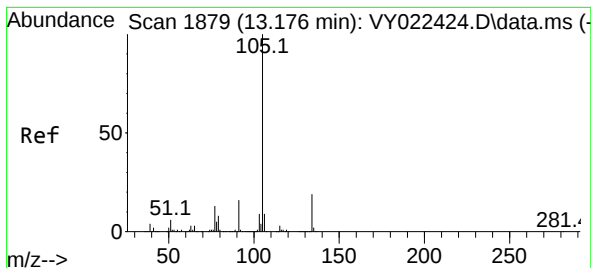
Tgt Ion:119 Resp: 403071
 Ion Ratio Lower Upper
 119 100
 91 63.2 31.8 95.3
 134 25.8 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 49.288 ug/l
 RT: 13.042 min Scan# 1857
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion:105 Resp: 458724
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.9 68.5

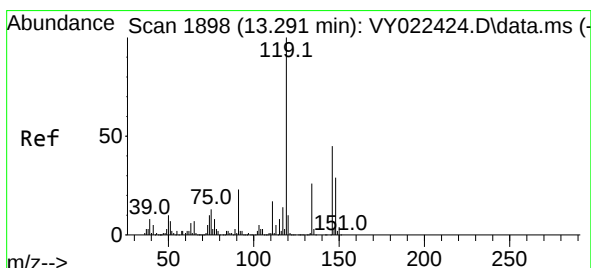
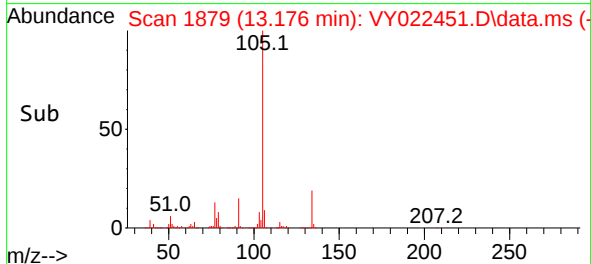
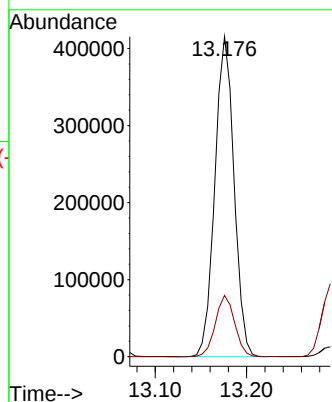
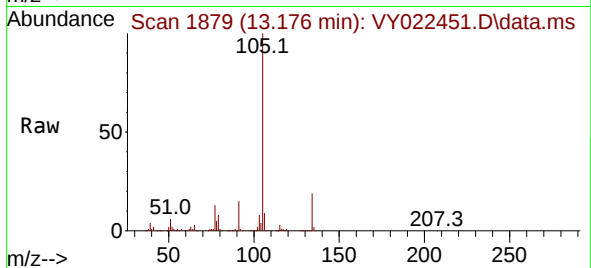




#85
 sec-Butylbenzene
 Concen: 48.929 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

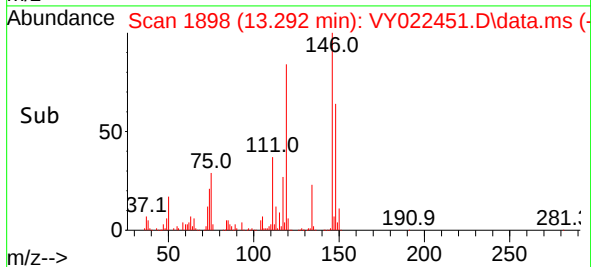
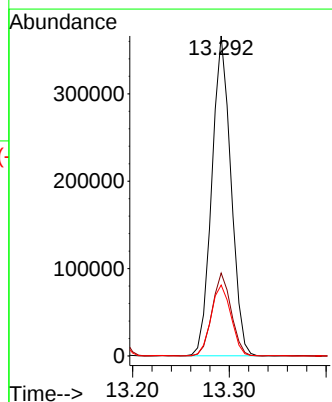
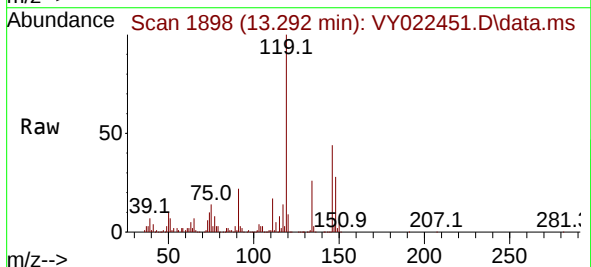
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

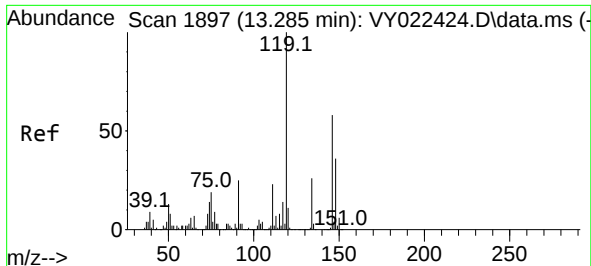
Tgt Ion:105 Resp: 606331
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 48.618 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY022451.D
 Acq: 28 May 2025 15:49

Tgt Ion:119 Resp: 503097
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.0 39.0
 91 23.0 11.6 34.8





#87

1,3-Dichlorobenzene

Concen: 48.437 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

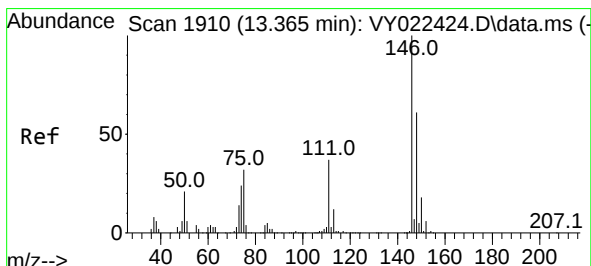
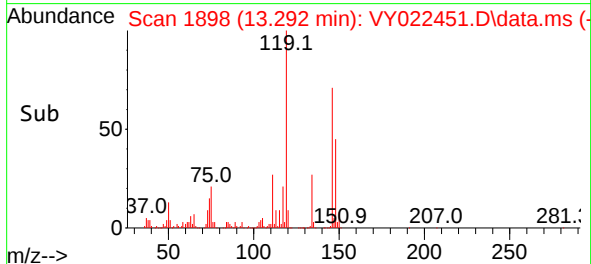
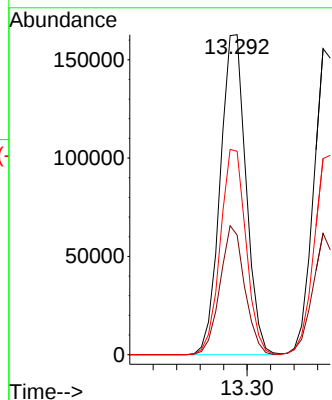
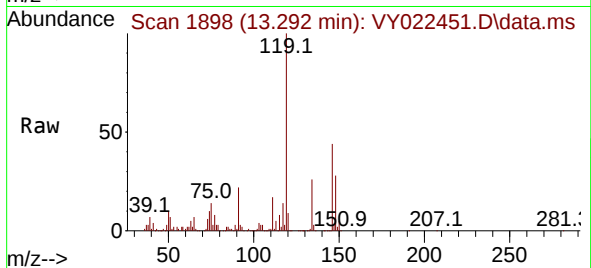
Tgt Ion:146 Resp: 248248

Ion Ratio Lower Upper

146 100

111 38.6 19.6 58.8

148 63.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 48.687 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

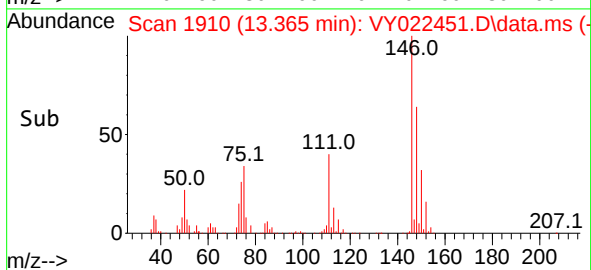
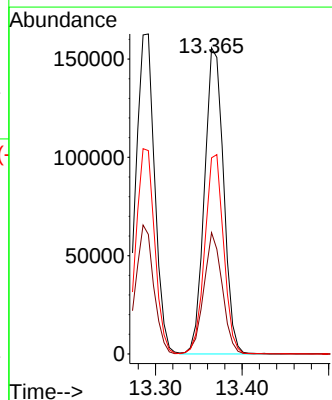
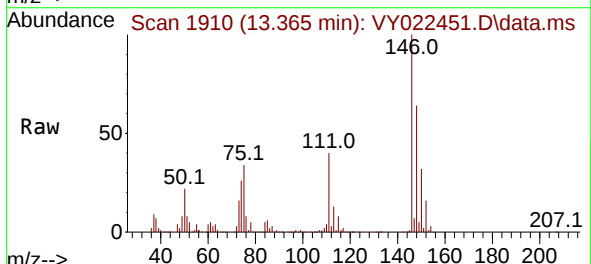
Tgt Ion:146 Resp: 238595

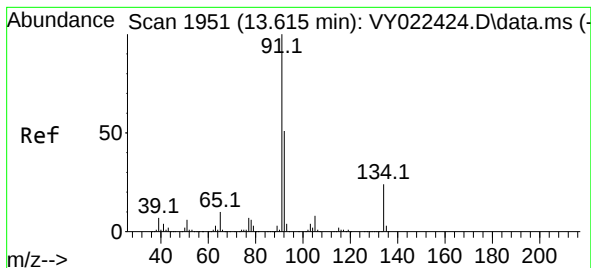
Ion Ratio Lower Upper

146 100

111 38.5 18.7 56.1

148 64.3 31.4 94.3





#89

n-Butylbenzene

Concen: 48.810 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

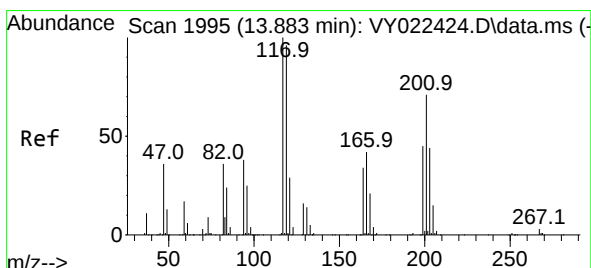
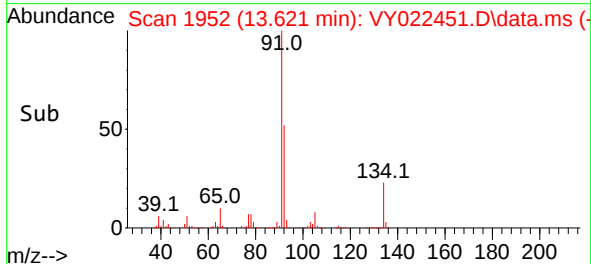
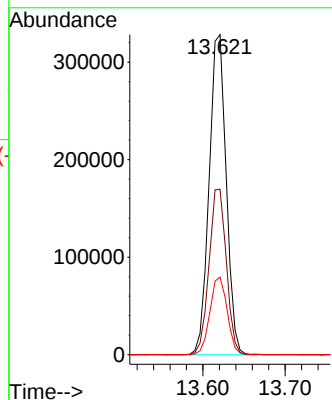
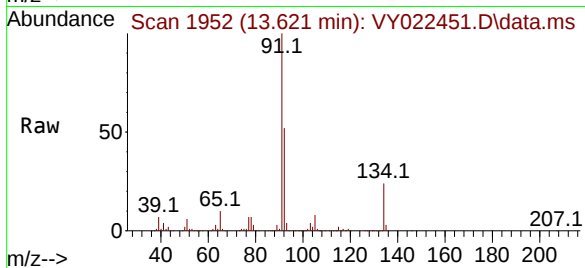
Tgt Ion: 91 Resp: 473582

Ion Ratio Lower Upper

91 100

92 52.5 25.9 77.6

134 24.4 12.4 37.0



#90

Hexachloroethane

Concen: 48.015 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.000 min

Lab File: VY022451.D

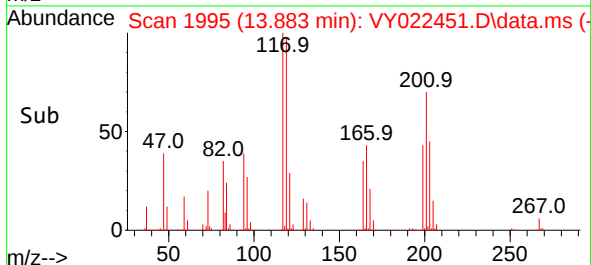
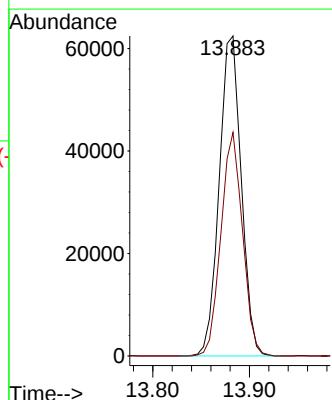
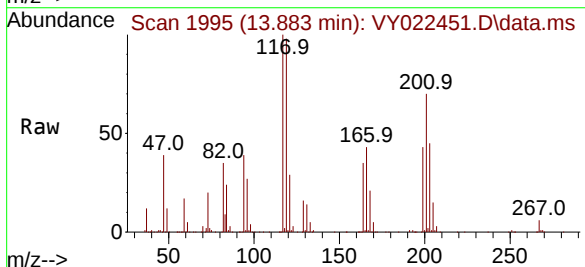
Acq: 28 May 2025 15:49

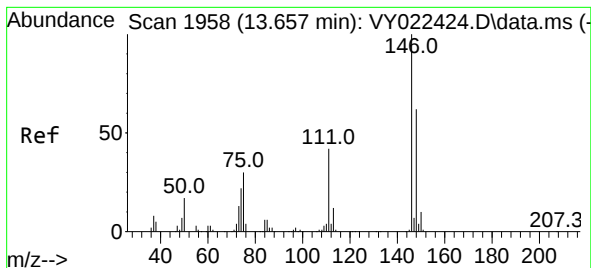
Tgt Ion: 117 Resp: 98874

Ion Ratio Lower Upper

117 100

201 68.3 35.0 105.0

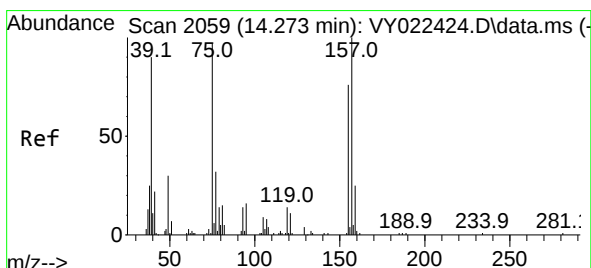
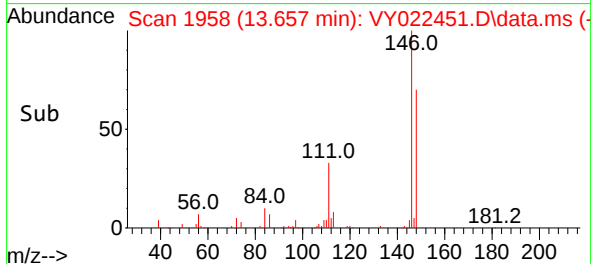
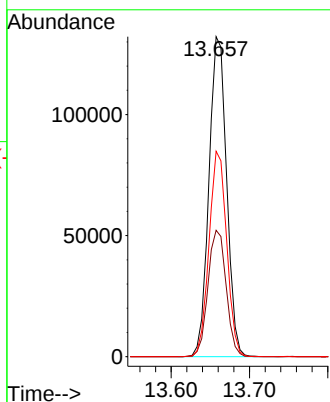
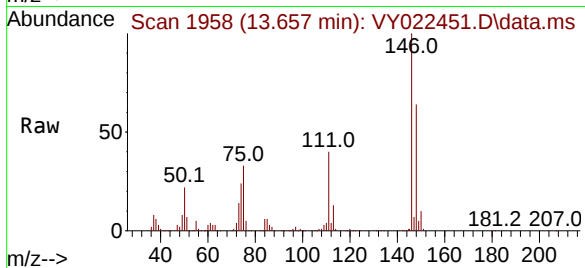




#91
1,2-Dichlorobenzene
Concen: 48.299 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

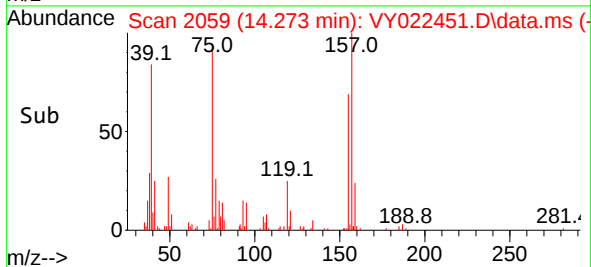
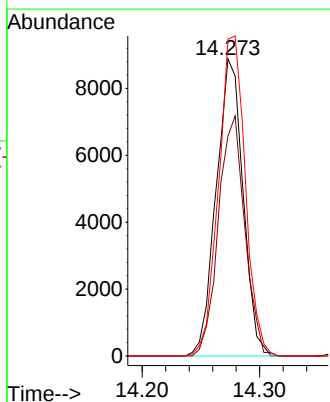
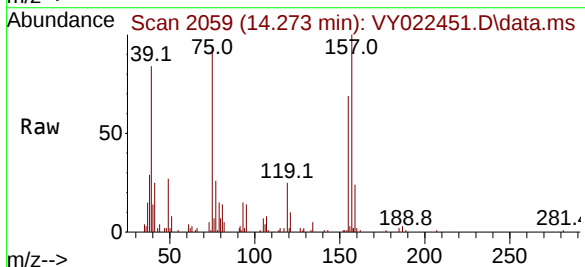
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

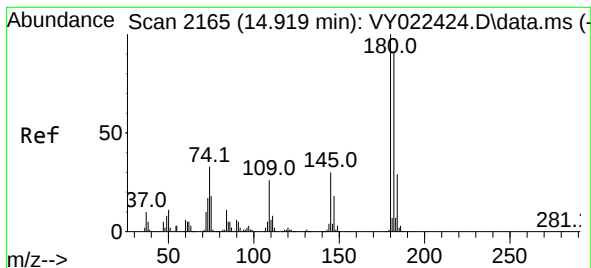
Tgt Ion:146 Resp: 206760
Ion Ratio Lower Upper
146 100
111 40.6 20.5 61.6
148 64.2 31.9 95.9



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.811 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY022451.D
Acq: 28 May 2025 15:49

Tgt Ion: 75 Resp: 14066
Ion Ratio Lower Upper
75 100
155 79.3 42.3 126.8
157 107.5 54.4 163.3





#93

1,2,4-Trichlorobenzene

Concen: 49.370 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

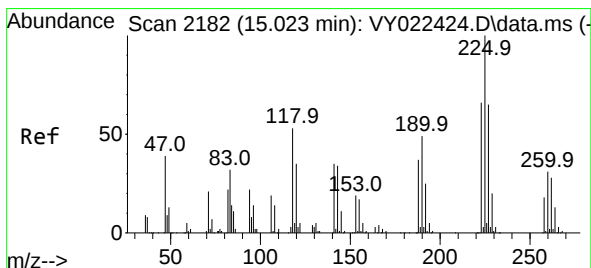
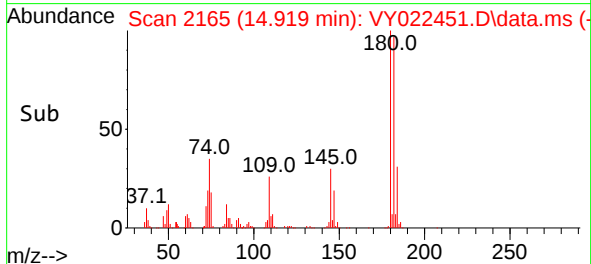
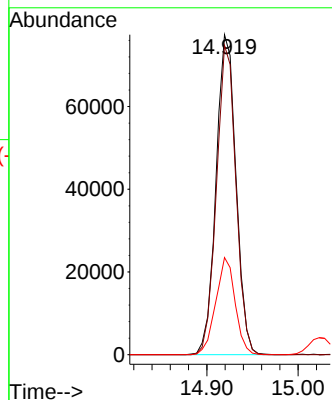
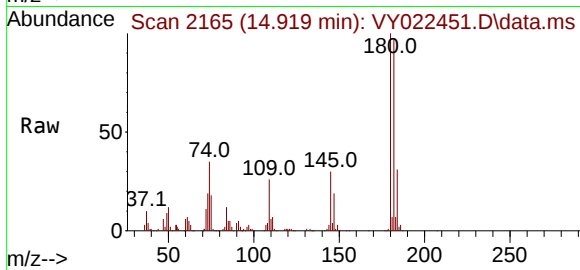
Tgt Ion:180 Resp: 117167

Ion Ratio Lower Upper

180 100

182 94.6 46.2 138.6

145 29.5 14.2 42.8



#94

Hexachlorobutadiene

Concen: 48.401 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

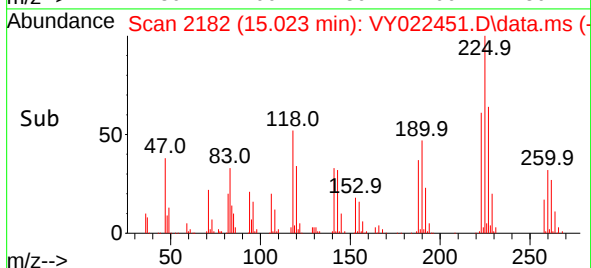
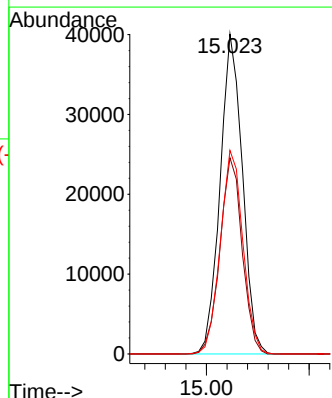
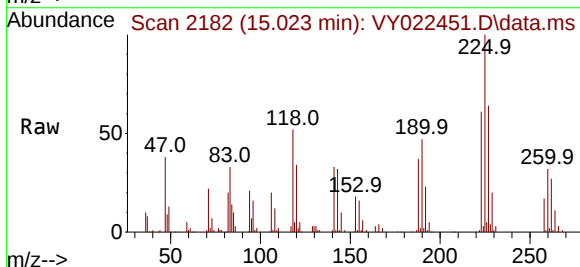
Tgt Ion:225 Resp: 60281

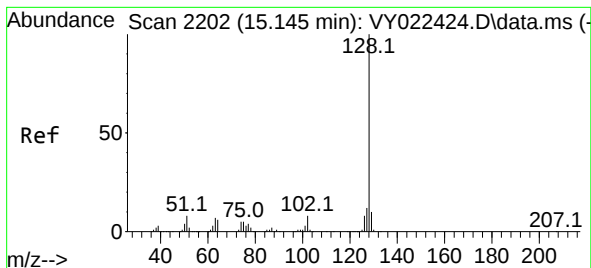
Ion Ratio Lower Upper

225 100

223 61.0 32.6 97.7

227 64.6 33.0 99.0





#95

Naphthalene

Concen: 51.110 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

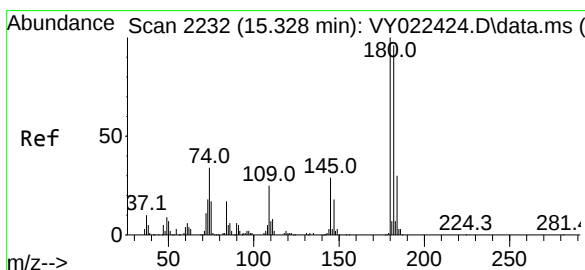
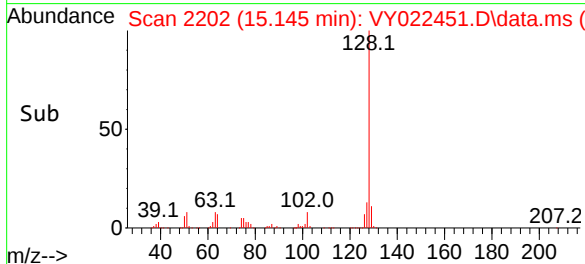
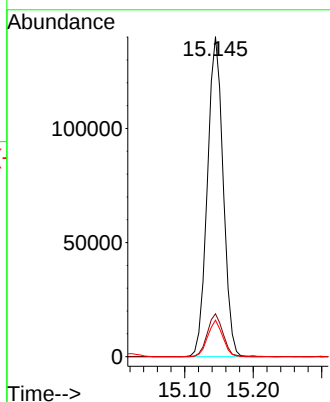
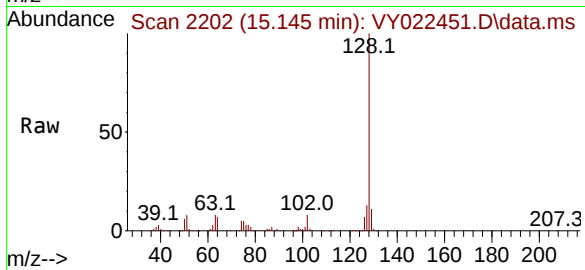
Tgt Ion:128 Resp: 224238

Ion Ratio Lower Upper

128 100

127 13.3 10.2 15.4

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 50.575 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY022451.D

Acq: 28 May 2025 15:49

Tgt Ion:180 Resp: 98435

Ion Ratio Lower Upper

180 100

182 93.3 48.1 144.3

145 31.5 14.9 44.5

