

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111325\
 Data File : VY023774.D
 Acq On : 13 Nov 2025 09:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 14 04:20:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 05 04:41:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	535734	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	769382	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	787003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	393514	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	232074	50.783	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.560%	
35) Dibromofluoromethane	7.634	113	249525	51.897	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.800%	
50) Toluene-d8	10.109	98	947301	52.891	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.780%	
62) 4-Bromofluorobenzene	12.408	95	380600	65.710	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 131.420%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	153156	43.551	ug/l	99
3) Chloromethane	2.074	50	225434	45.809	ug/l	98
4) Vinyl Chloride	2.208	62	289443	45.200	ug/l	98
5) Bromomethane	2.599	94	224410	41.661	ug/l	96
6) Chloroethane	2.739	64	195187	44.101	ug/l	99
7) Trichlorofluoromethane	3.062	101	471261	52.254	ug/l	99
8) Diethyl Ether	3.458	74	121627	50.290	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.818	101	254154	51.148	ug/l	100
10) Methyl Iodide	4.007	142	300594	51.229	ug/l	100
11) Tert butyl alcohol	4.854	59	79122	268.512	ug/l	99
12) 1,1-Dichloroethene	3.793	96	239632	50.063	ug/l	99
13) Acrolein	3.653	56	52209	137.849	ug/l	99
14) Allyl chloride	4.385	41	312682	53.669	ug/l	95
15) Acrylonitrile	5.055	53	255925	276.898	ug/l	99
16) Acetone	3.867	43	300501	264.541	ug/l	97
17) Carbon Disulfide	4.110	76	730386	49.716	ug/l	99
18) Methyl Acetate	4.385	43	121442	48.470	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	590306	53.185	ug/l	97
20) Methylene Chloride	4.616	84	271105	49.438	ug/l	97
21) trans-1,2-Dichloroethene	5.116	96	277847	51.482	ug/l	92
22) Diisopropyl ether	6.019	45	724113	55.778	ug/l	97
23) Vinyl Acetate	5.958	43	1988757	287.068	ug/l	98
24) 1,1-Dichloroethane	5.915	63	454928	52.602	ug/l	99
25) 2-Butanone	6.897	43	347692	264.738	ug/l	99
26) 2,2-Dichloropropane	6.884	77	416127	52.307	ug/l	100
27) cis-1,2-Dichloroethene	6.897	96	316159	51.293	ug/l	97
28) Bromochloromethane	7.244	49	177667	53.652	ug/l	96
29) Tetrahydrofuran	7.262	42	198772	284.185	ug/l	97
30) Chloroform	7.421	83	500360	51.853	ug/l	100
31) Cyclohexane	7.701	56	379657	50.408	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	447239	51.858	ug/l	99
36) 1,1-Dichloropropene	7.835	75	345108	53.714	ug/l	99
37) Ethyl Acetate	6.982	43	143974	57.886	ug/l	100
38) Carbon Tetrachloride	7.817	117	403694	53.328	ug/l	97
39) Methylcyclohexane	9.110	83	441809	53.818	ug/l	96
40) Benzene	8.079	78	1093681	54.004	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	67188	49.489	ug/l	90
42) 1,2-Dichloroethane	8.159	62	276317	53.930	ug/l	99
43) Isopropyl Acetate	8.195	43	262605	56.193	ug/l	99
44) Trichloroethene	8.866	130	301949	51.910	ug/l	96
45) 1,2-Dichloropropane	9.140	63	245362	54.896	ug/l	100
46) Dibromomethane	9.231	93	151169	54.586	ug/l	98
47) Bromodichloromethane	9.420	83	380563	54.504	ug/l	99
48) Methyl methacrylate	9.219	41	128160	58.046	ug/l	98
49) 1,4-Dioxane	9.225	88	31032	1094.931	ug/l	93
51) 4-Methyl-2-Pentanone	10.000	43	729813	293.657	ug/l	99
52) Toluene	10.170	92	709757	54.895	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	327128	55.371	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	390104	55.113	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	200597	54.201	ug/l	95
56) Ethyl methacrylate	10.439	69	243194	59.640	ug/l	99
57) 1,3-Dichloropropane	10.719	76	324147	55.218	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	567252	303.155	ug/l	98
59) 2-Hexanone	10.762	43	519217	286.358	ug/l	100
60) Dibromochloromethane	10.914	129	275080	54.095	ug/l	99
61) 1,2-Dibromoethane	11.018	107	187603	54.013	ug/l	99
64) Tetrachloroethene	10.646	164	378366	46.190	ug/l	98
65) Chlorobenzene	11.445	112	866308	50.564	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.518	131	330235	54.509	ug/l	99
67) Ethyl Benzene	11.518	91	1558469	56.203	ug/l	99
68) m/p-Xylenes	11.627	106	1232148	111.216	ug/l	98
69) o-Xylene	11.957	106	583473	56.973	ug/l	99
70) Styrene	11.969	104	975092	57.707	ug/l	99
71) Bromoform	12.133	173	201730	57.012	ug/l #	100
73) Isopropylbenzene	12.255	105	1481388	56.286	ug/l	100
74) N-amyl acetate	12.072	43	233575	52.419	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	231287	55.023	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	314286	98.685	ug/l #	100
77) Bromobenzene	12.530	156	380070	55.672	ug/l	97
78) n-propylbenzene	12.597	91	1707917	55.169	ug/l	100
79) 2-Chlorotoluene	12.682	91	1001802	55.766	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	1195577	55.910	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	77062	54.684	ug/l	97
82) 4-Chlorotoluene	12.780	91	1013044	54.680	ug/l	99
83) tert-Butylbenzene	12.999	119	1006497	51.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	1151348	54.360	ug/l	99
85) sec-Butylbenzene	13.176	105	1548572	55.127	ug/l	100
86) p-Isopropyltoluene	13.292	119	1307126	54.967	ug/l	100
87) 1,3-Dichlorobenzene	13.286	146	699161	52.033	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	669229	50.702	ug/l	99
89) n-Butylbenzene	13.615	91	1139075	55.085	ug/l	98
90) Hexachloroethane	13.877	117	259100	50.701	ug/l	98
91) 1,2-Dichlorobenzene	13.658	146	594274	51.320	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.273	75	34039	52.594	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	341751	51.597	ug/l	100
94) Hexachlorobutadiene	15.023	225	198442	45.727	ug/l	99
95) Naphthalene	15.145	128	486905	42.886	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	263770	47.665	ug/l	100

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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Wed Nov 05 04:41:50 2025
Response via : Initial Calibration

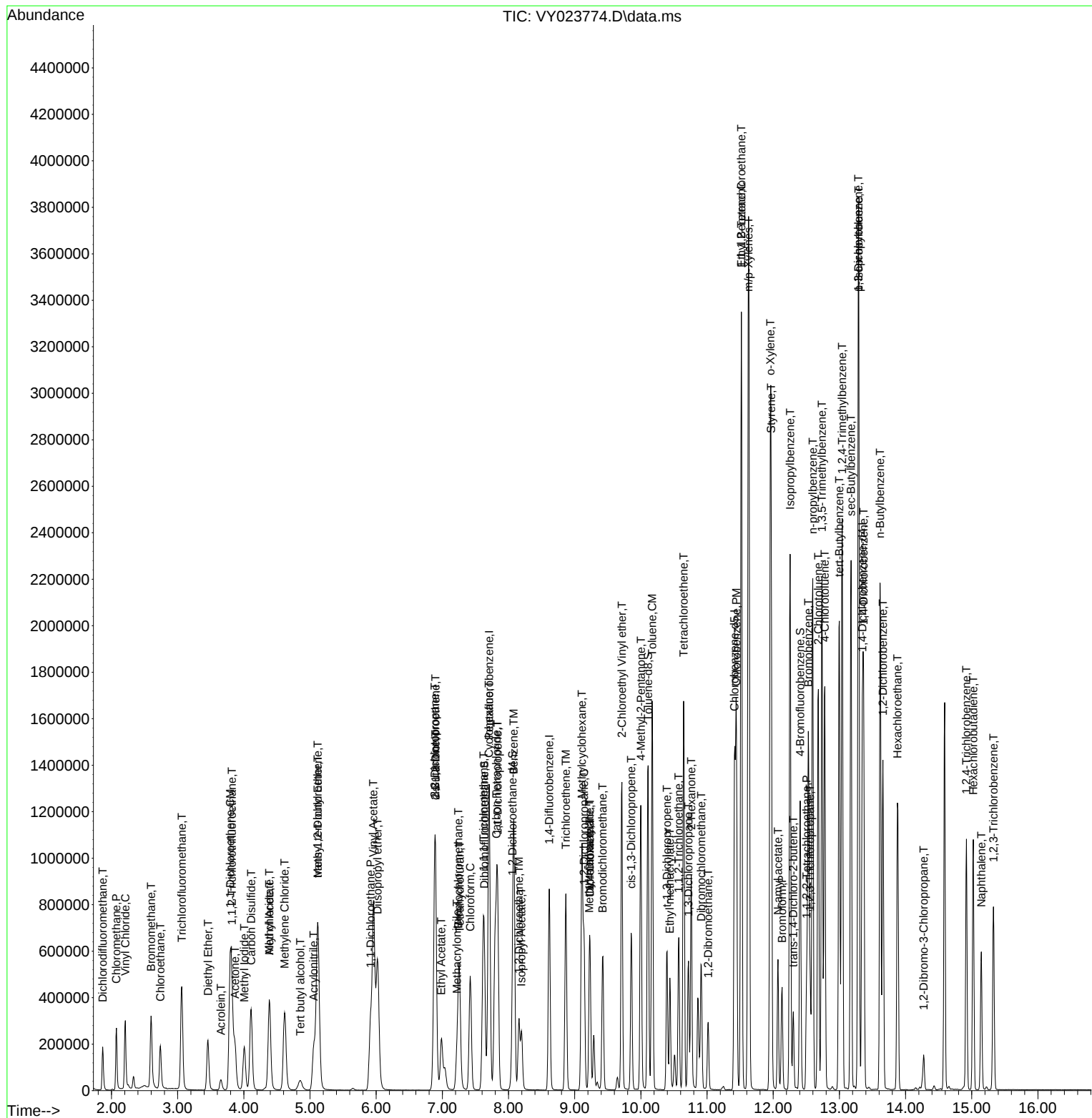
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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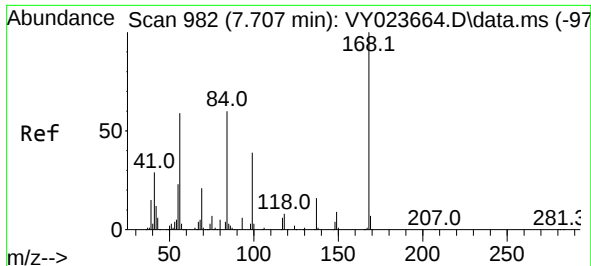
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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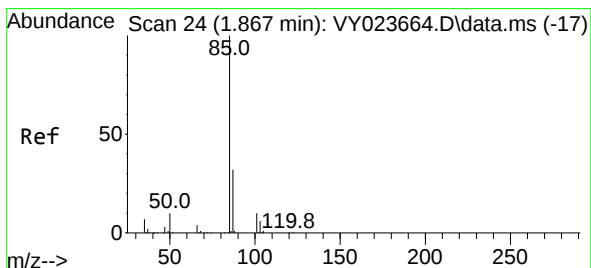
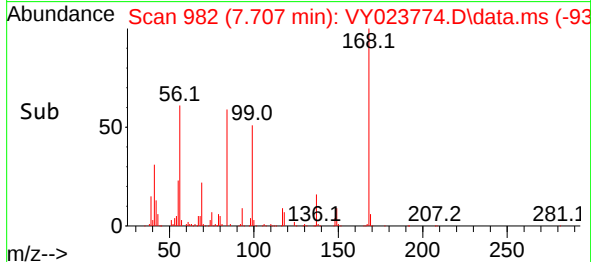
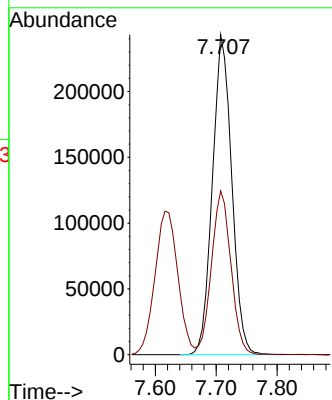
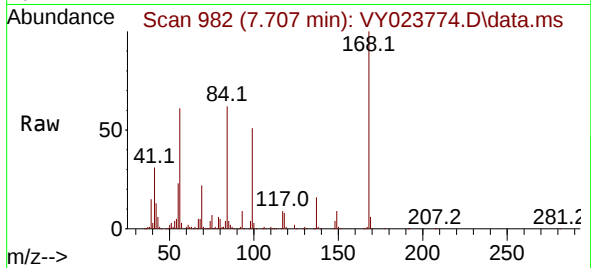




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023774.D
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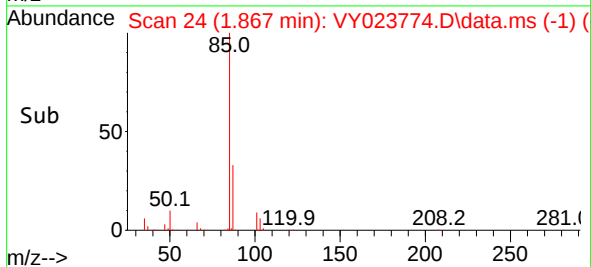
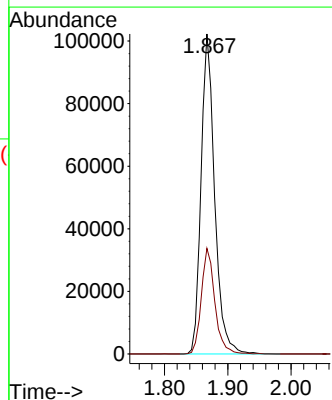
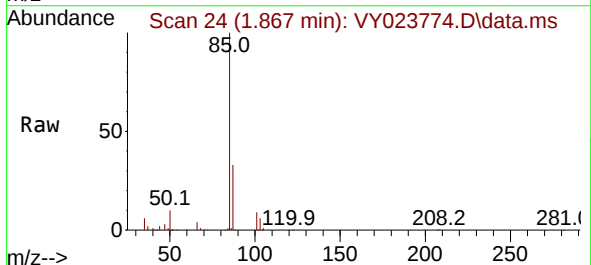
Instrument :
MSVOA_Y
ClientSampleId :
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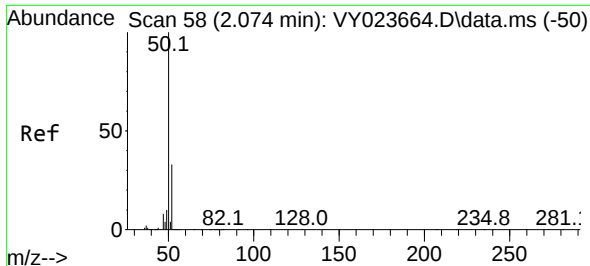
Tgt Ion:168 Resp: 535734
Ion Ratio Lower Upper
168 100
99 51.2 41.0 61.4



#2
Dichlorodifluoromethane
Concen: 43.551 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 85 Resp: 153156
Ion Ratio Lower Upper
85 100
87 33.0 16.2 48.6

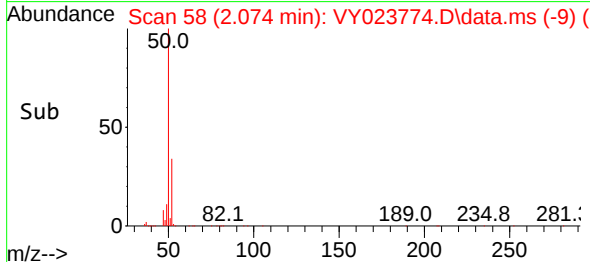
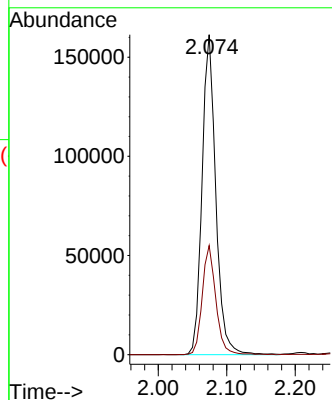
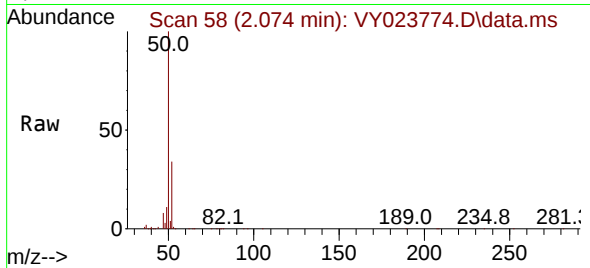




#3
Chloromethane
Concen: 45.809 ug/l
RT: 2.074 min Scan# 58
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

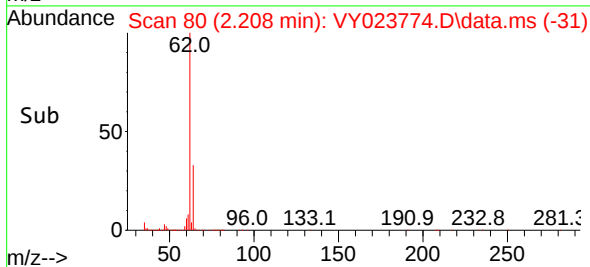
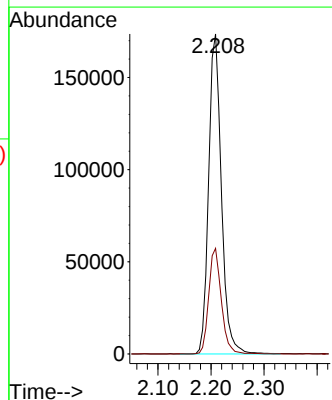
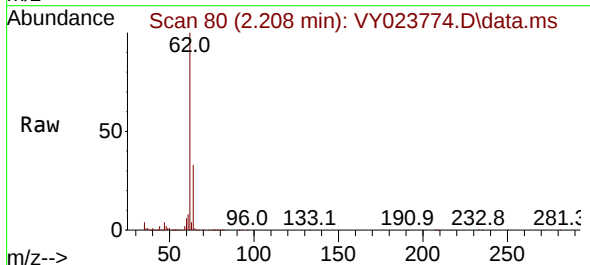
Instrument :
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ClientSampleId :
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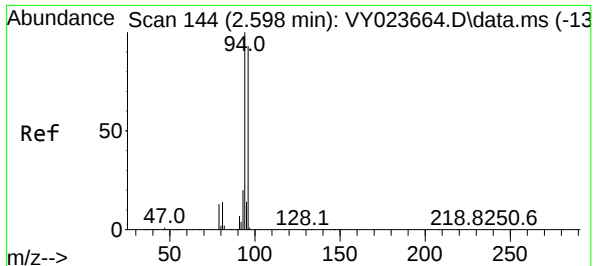
Tgt Ion: 50 Resp: 225434
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7



#4
Vinyl Chloride
Concen: 45.200 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 62 Resp: 289443
Ion Ratio Lower Upper
62 100
64 33.0 25.7 38.5

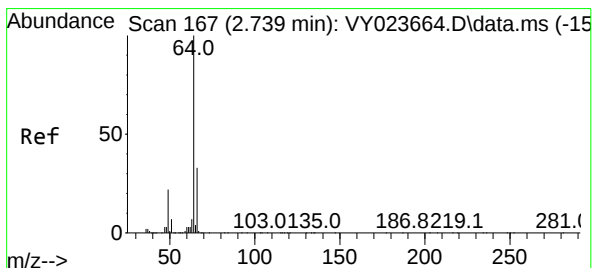
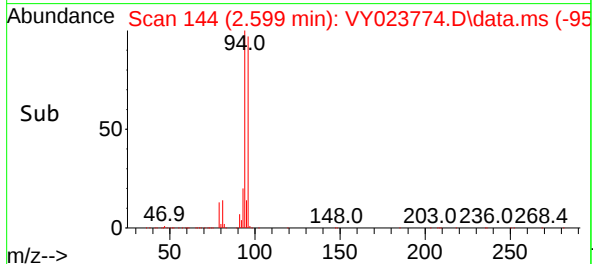
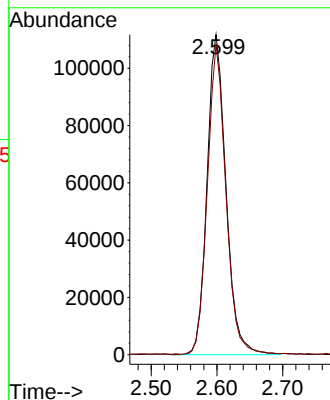
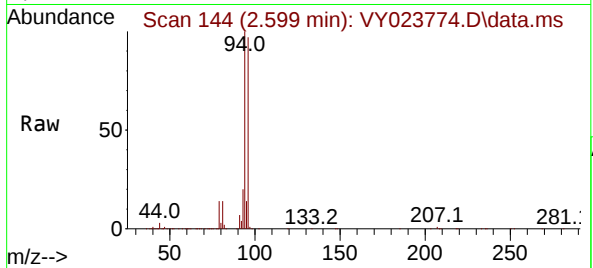




#5
Bromomethane
Concen: 41.661 ug/l
RT: 2.599 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

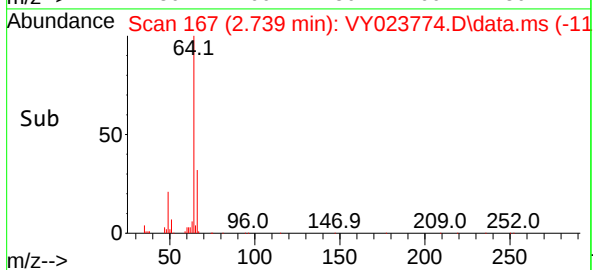
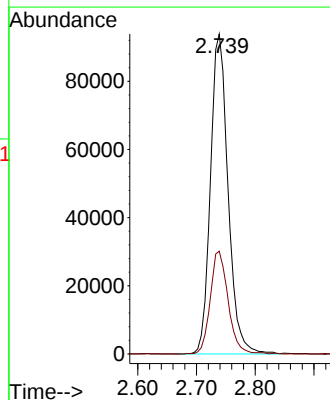
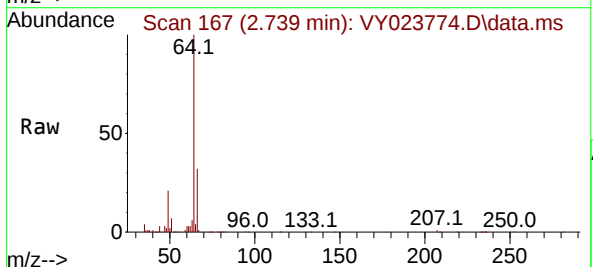
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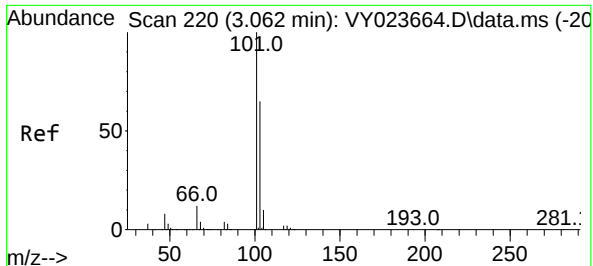
Tgt Ion: 94 Resp: 224410
Ion Ratio Lower Upper
94 100
96 96.8 74.4 111.6



#6
Chloroethane
Concen: 44.101 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 64 Resp: 195187
Ion Ratio Lower Upper
64 100
66 32.1 26.2 39.4

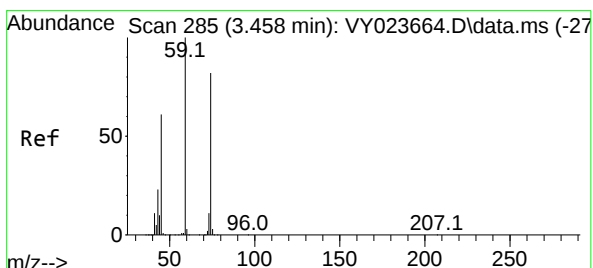
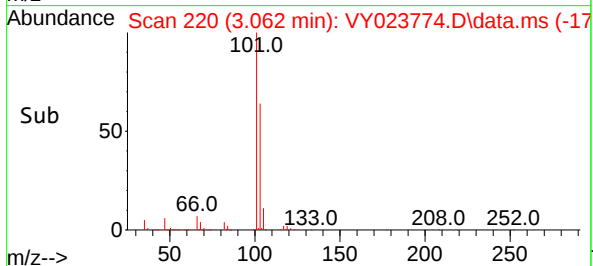
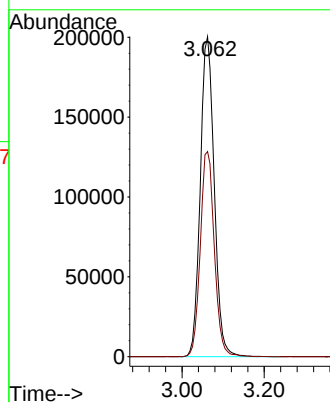
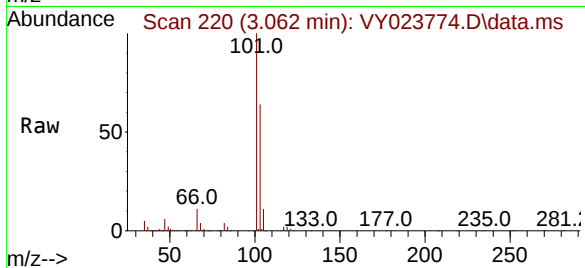




#7
 Trichlorofluoromethane
 Concen: 52.254 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY023774.D
 Acq: 13 Nov 2025 09:48

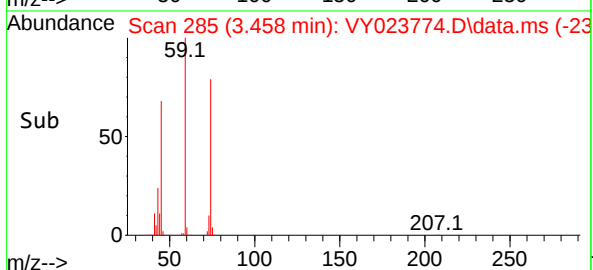
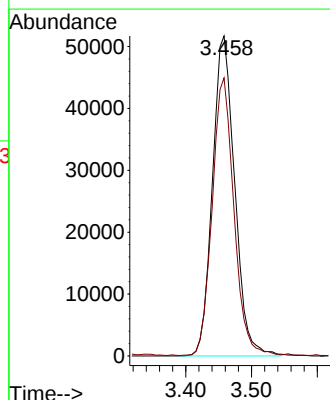
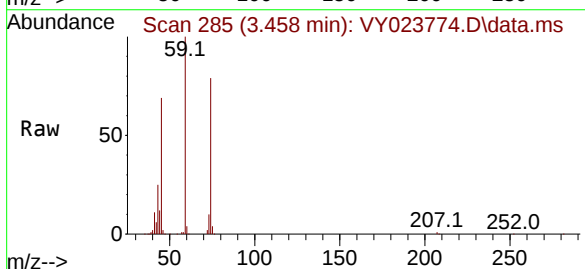
Instrument :
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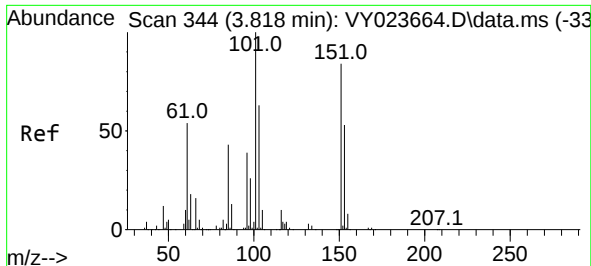
Tgt Ion:101 Resp: 471261
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.1 78.1



#8
 Diethyl Ether
 Concen: 50.290 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 121627
 Ion Ratio Lower Upper
 74 100
 45 84.8 40.6 121.7

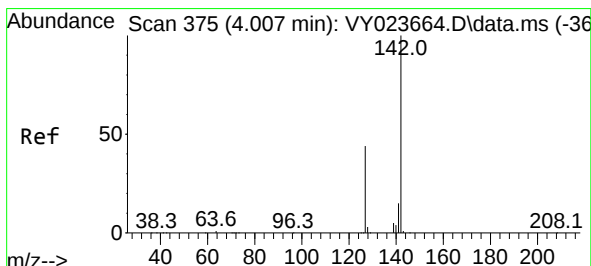
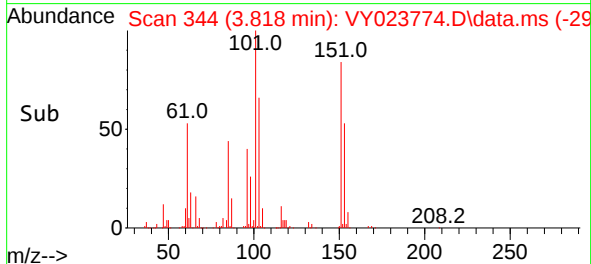
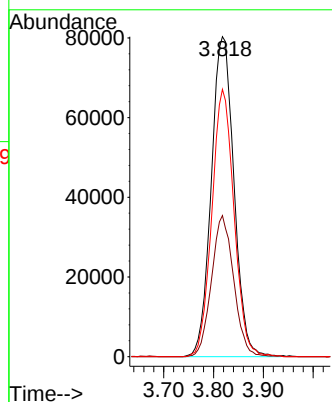
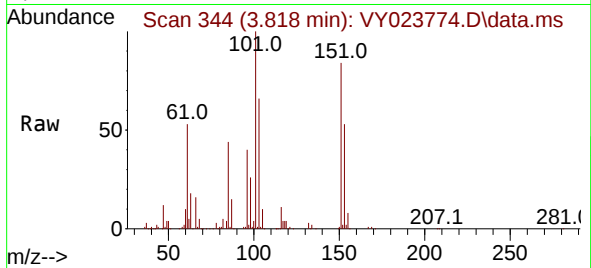




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.148 ug/l
RT: 3.818 min Scan# 344
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

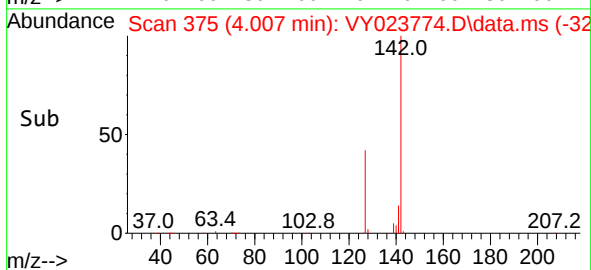
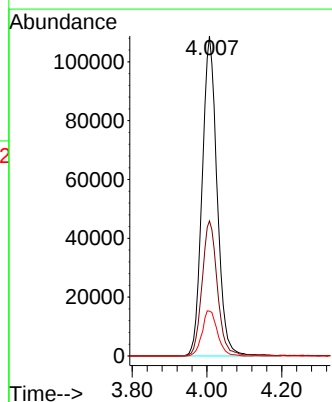
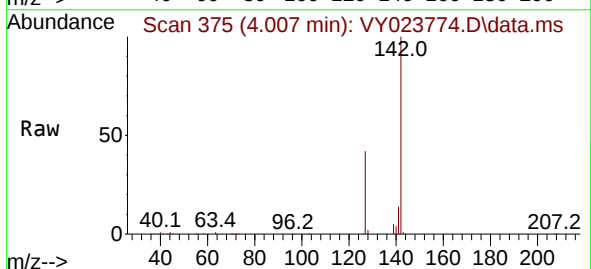
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

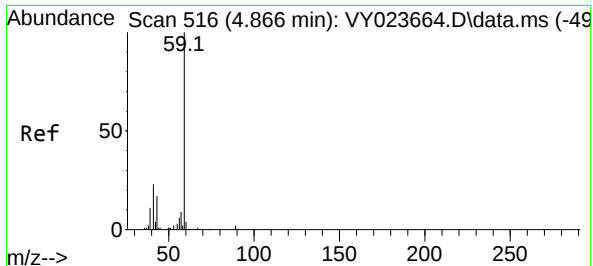
Tgt Ion:101 Resp: 254154
Ion Ratio Lower Upper
101 100
85 43.1 34.4 51.6
151 81.6 65.6 98.4



#10
Methyl Iodide
Concen: 51.229 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion:142 Resp: 300594
Ion Ratio Lower Upper
142 100
127 43.1 34.6 51.8
141 14.6 11.6 17.4

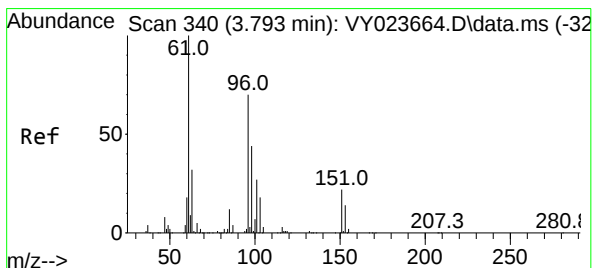
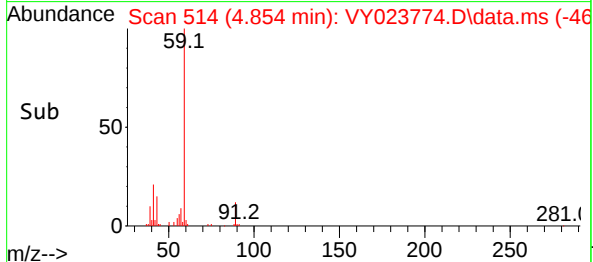
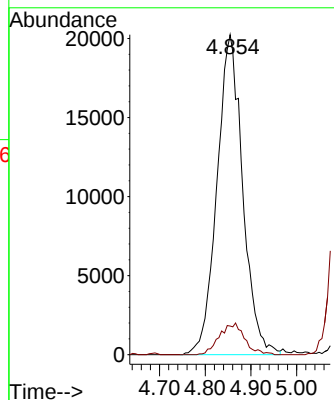
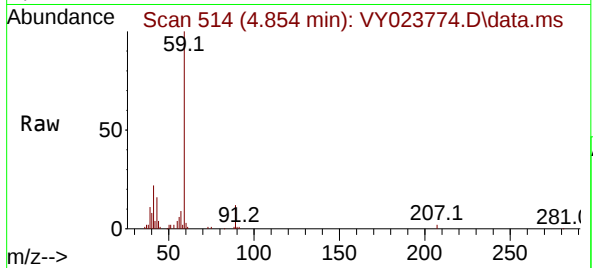




#11
Tert butyl alcohol
Concen: 268.512 ug/l
RT: 4.854 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

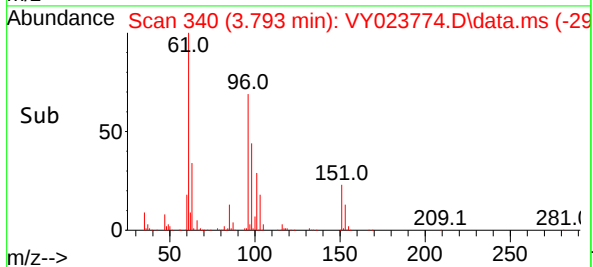
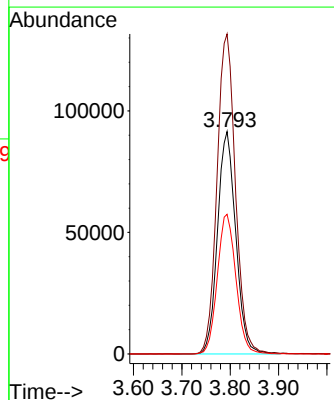
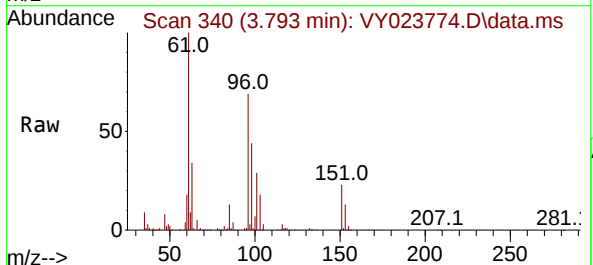
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

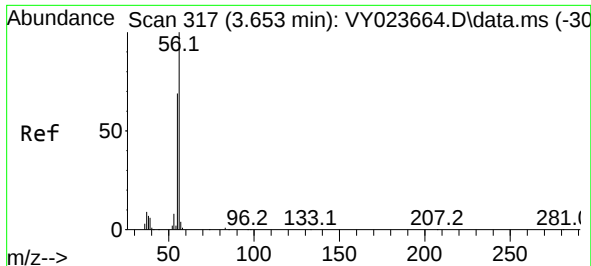
Tgt Ion: 59 Resp: 79122
Ion Ratio Lower Upper
59 100
57 9.7 7.4 11.2



#12
1,1-Dichloroethene
Concen: 50.063 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 96 Resp: 239632
Ion Ratio Lower Upper
96 100
61 143.9 114.0 171.0
98 62.8 50.2 75.2

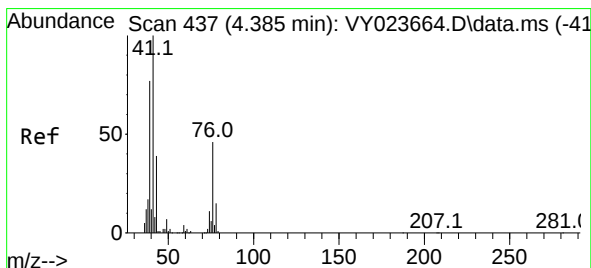
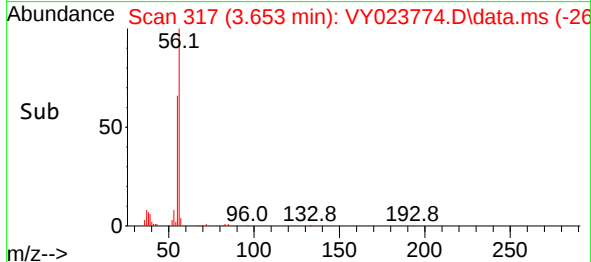
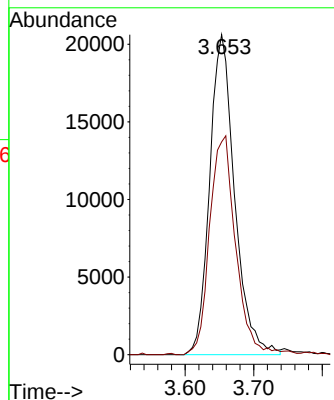
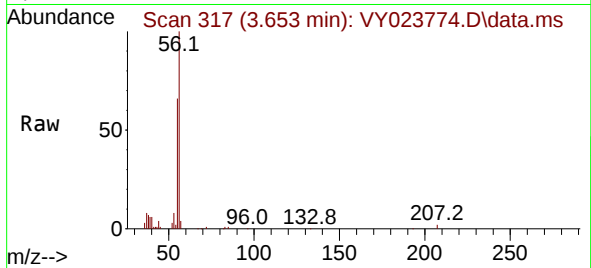




#13
Acrolein
Concen: 137.849 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

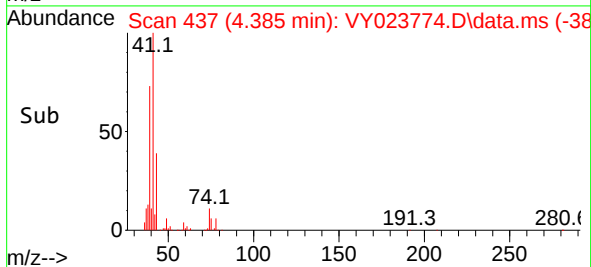
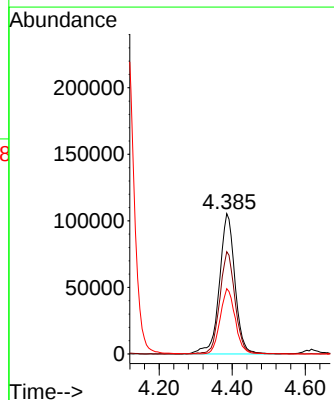
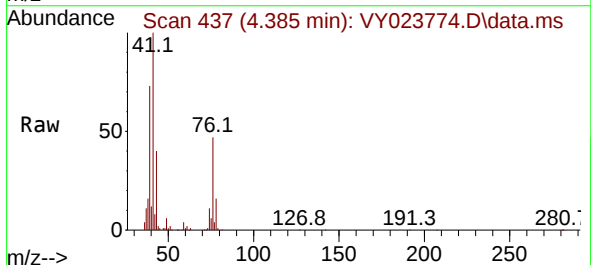
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

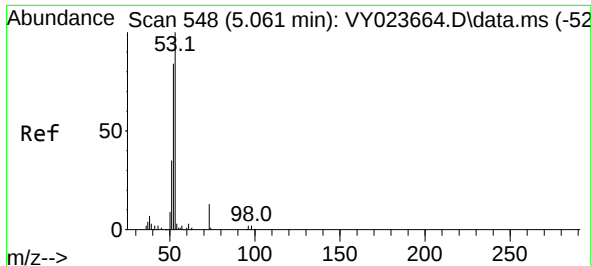
Tgt Ion: 56 Resp: 52209
Ion Ratio Lower Upper
56 100
55 71.3 56.6 84.8



#14
Allyl chloride
Concen: 53.669 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 41 Resp: 312682
Ion Ratio Lower Upper
41 100
39 71.5 60.4 90.6
76 44.6 38.0 57.0

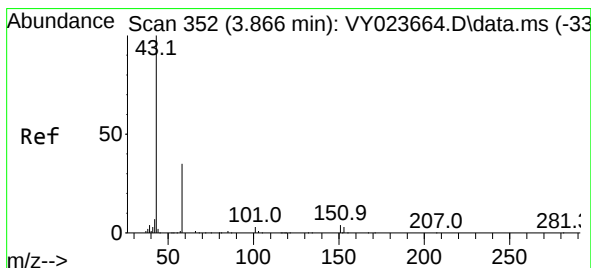
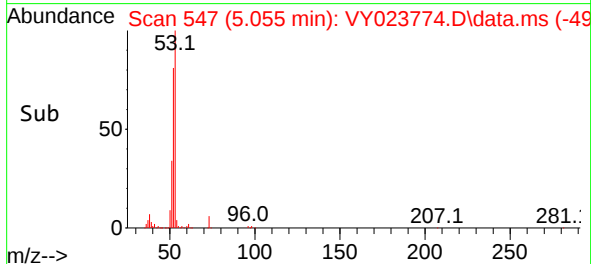
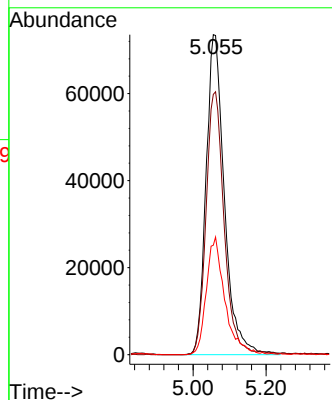
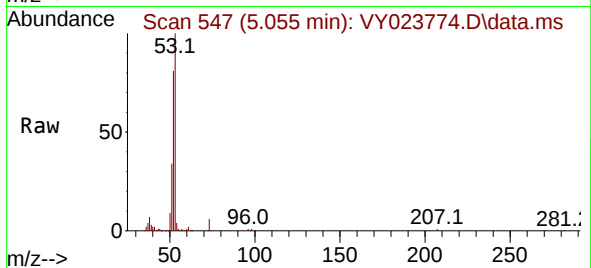




#15
Acrylonitrile
Concen: 276.898 ug/l
RT: 5.055 min Scan# 548
Delta R.T. -0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

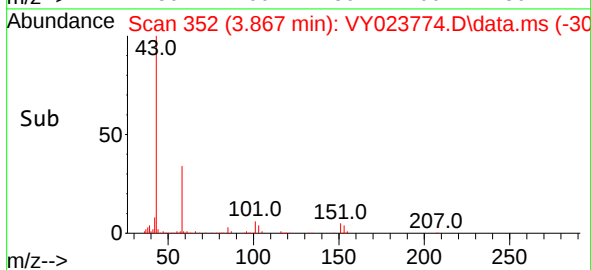
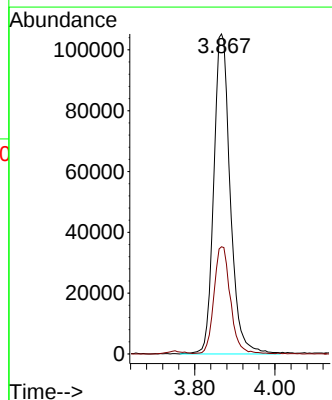
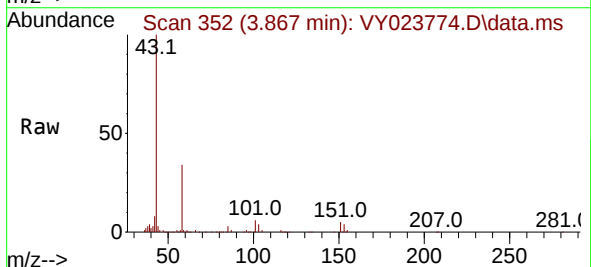
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

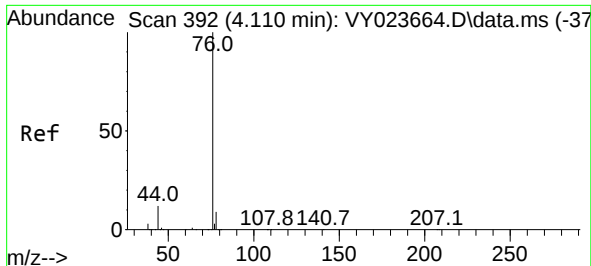
Tgt Ion: 53 Resp: 255925
Ion Ratio Lower Upper
53 100
52 80.3 64.9 97.3
51 37.2 29.4 44.0



#16
Acetone
Concen: 264.541 ug/l
RT: 3.867 min Scan# 352
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 43 Resp: 300501
Ion Ratio Lower Upper
43 100
58 33.4 28.2 42.4

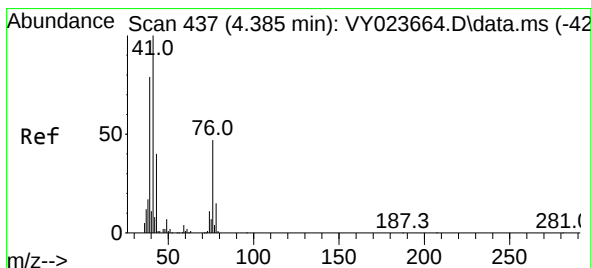
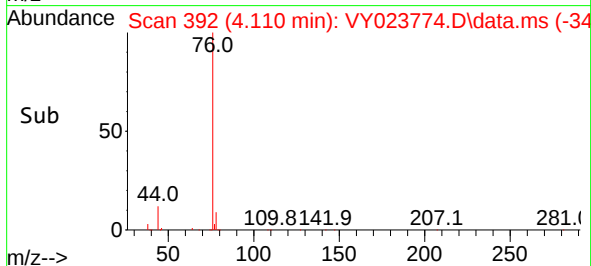
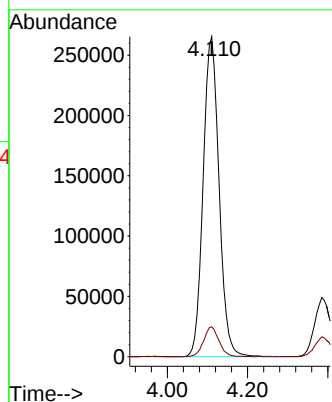
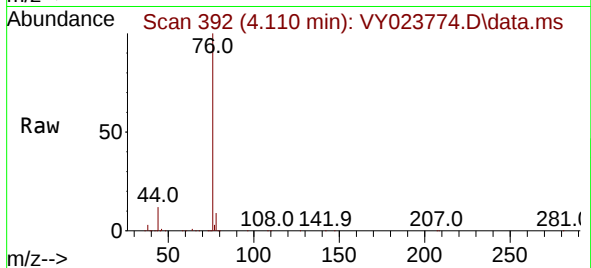




#17
Carbon Disulfide
Concen: 49.716 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

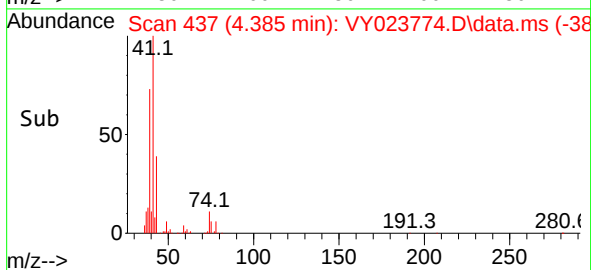
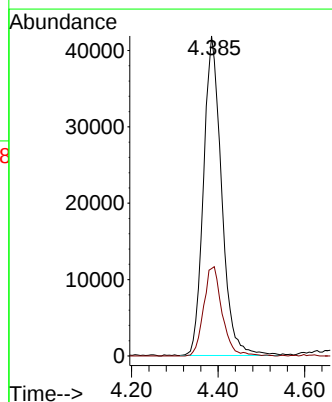
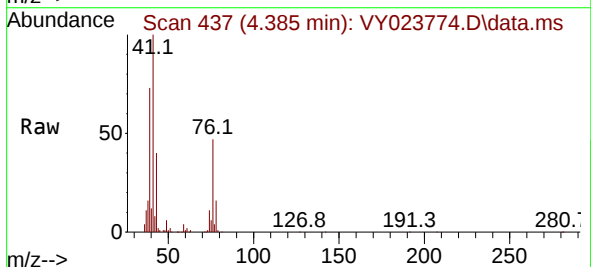
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 730386
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7



#18
Methyl Acetate
Concen: 48.470 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 43 Resp: 121442
Ion Ratio Lower Upper
43 100
74 28.5 22.5 33.7

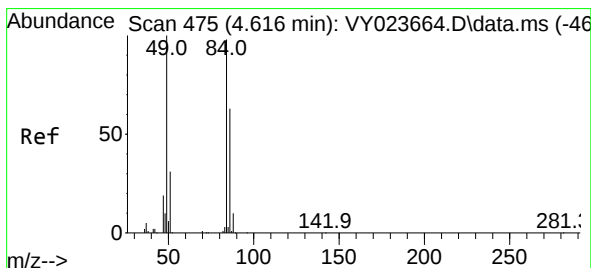
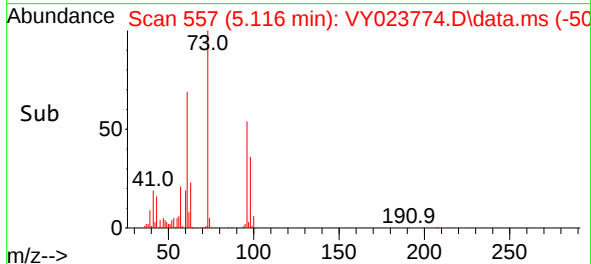
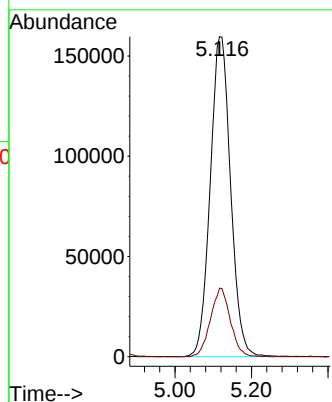
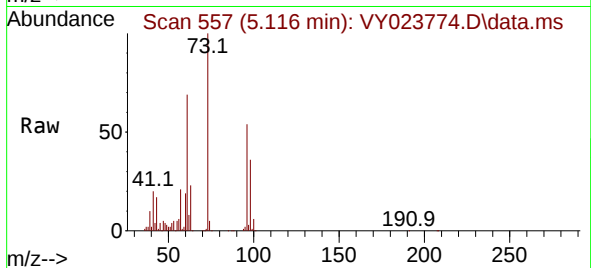




#19
Methyl tert-butyl Ether
Concen: 53.185 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

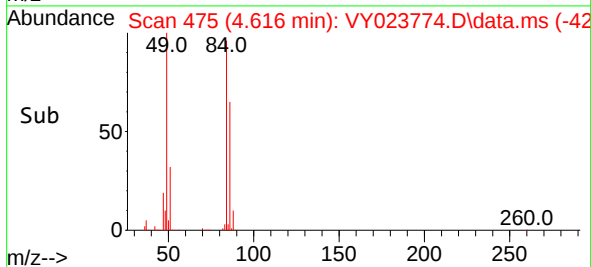
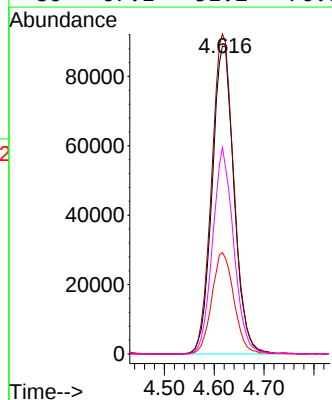
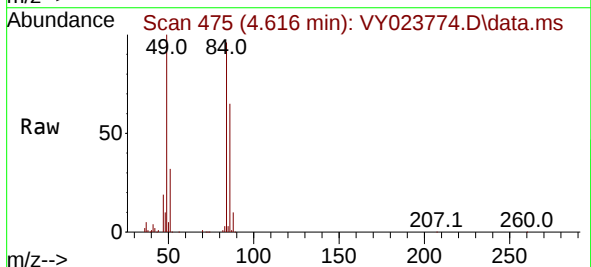
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

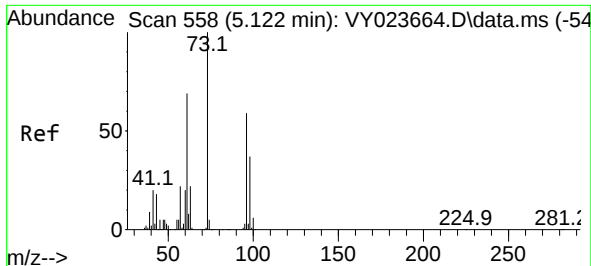
Tgt Ion: 73 Resp: 590306
Ion Ratio Lower Upper
73 100
57 21.4 16.1 24.1



#20
Methylene Chloride
Concen: 49.438 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 84 Resp: 271105
Ion Ratio Lower Upper
84 100
49 103.9 81.5 122.3
51 33.0 25.5 38.3
86 67.1 51.2 76.8

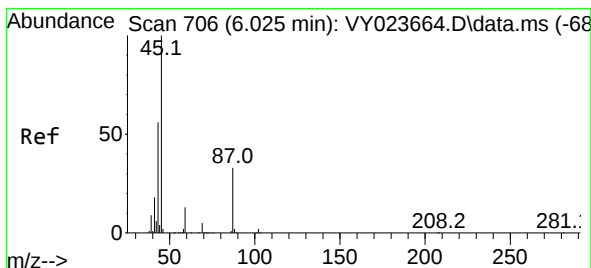
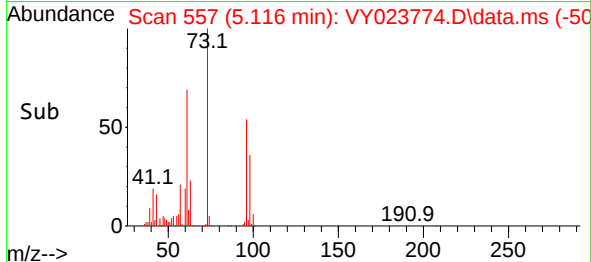
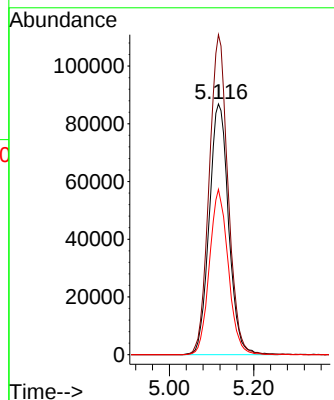
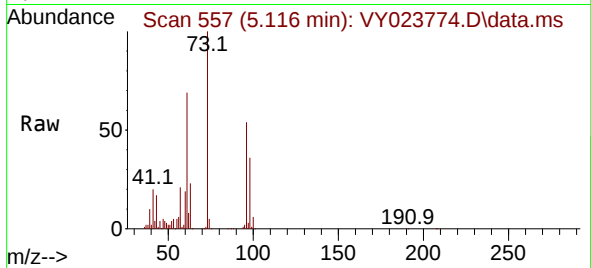




#21
trans-1,2-Dichloroethene
Concen: 51.482 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

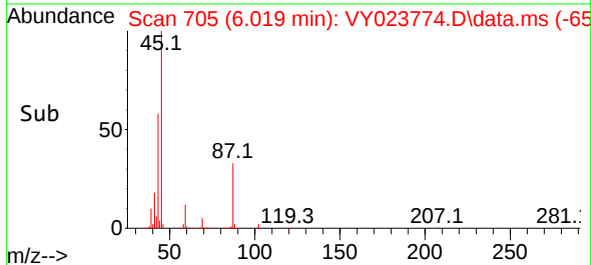
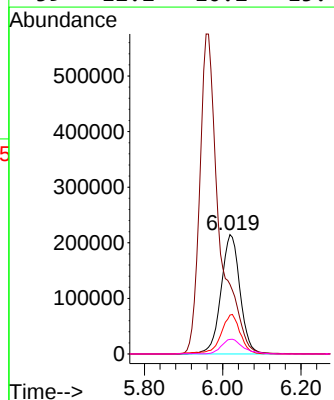
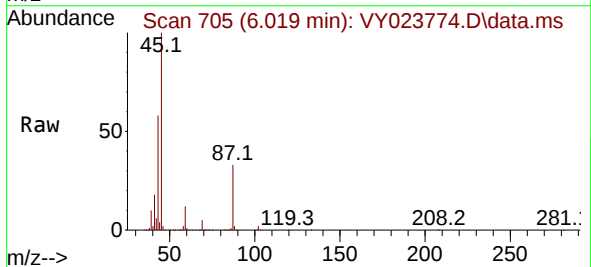
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

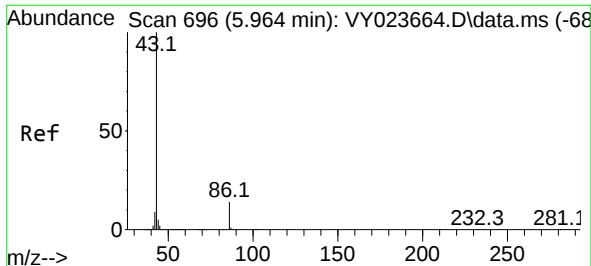
Tgt Ion: 96 Resp: 277847
Ion Ratio Lower Upper
96 100
61 127.7 93.3 139.9
98 66.0 50.6 75.8



#22
Diisopropyl ether
Concen: 55.778 ug/l
RT: 6.019 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 45 Resp: 724113
Ion Ratio Lower Upper
45 100
43 58.3 44.7 67.1
87 32.6 27.2 40.8
59 12.2 10.2 15.4

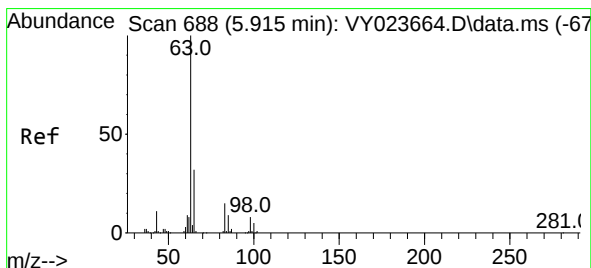
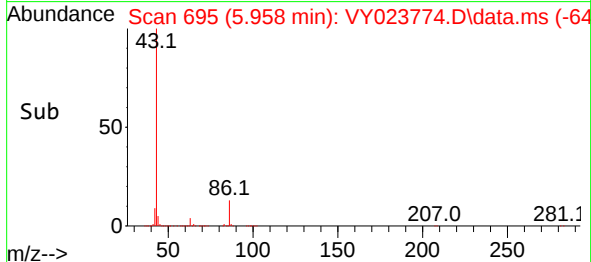
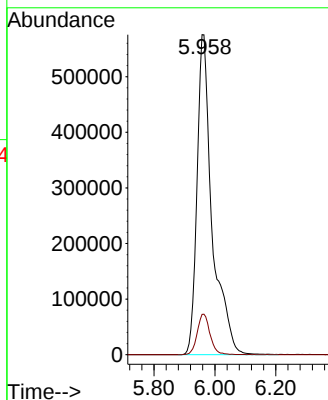
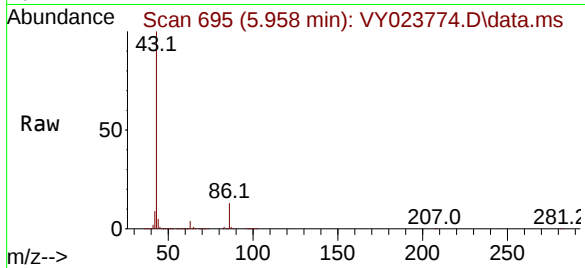




#23
 Vinyl Acetate
 Concen: 287.068 ug/l
 RT: 5.958 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY023774.D
 Acq: 13 Nov 2025 09:48

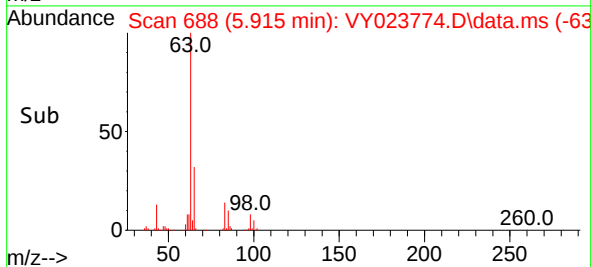
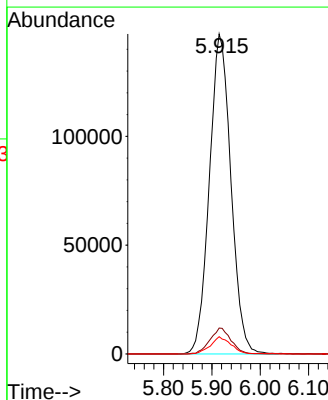
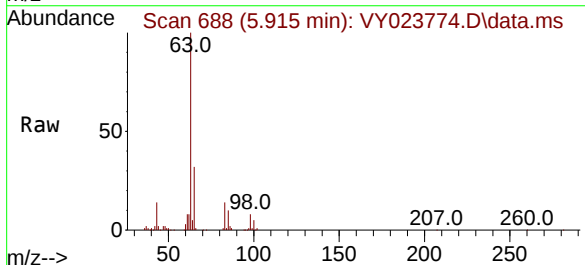
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

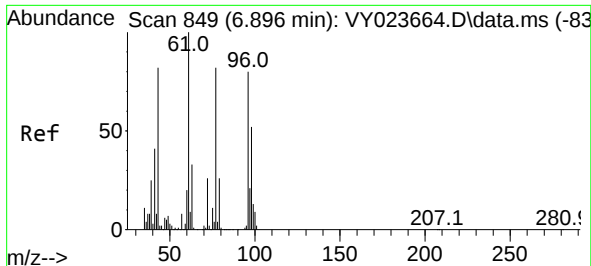
Tgt Ion: 43 Resp: 1988757
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.9 16.3



#24
 1,1-Dichloroethane
 Concen: 52.602 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY023774.D
 Acq: 13 Nov 2025 09:48

Tgt Ion: 63 Resp: 454928
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.0 11.9
 100 5.4 2.6 7.8

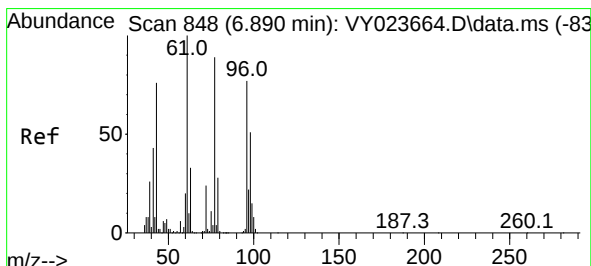
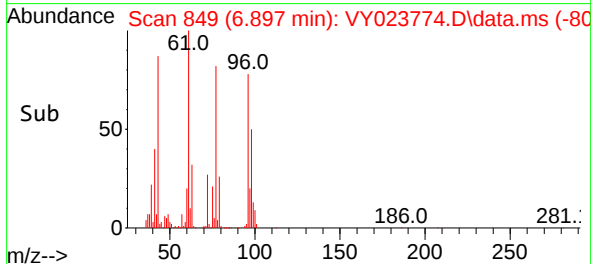
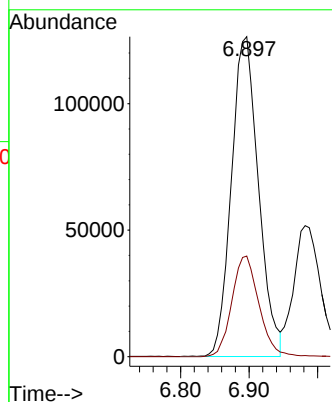
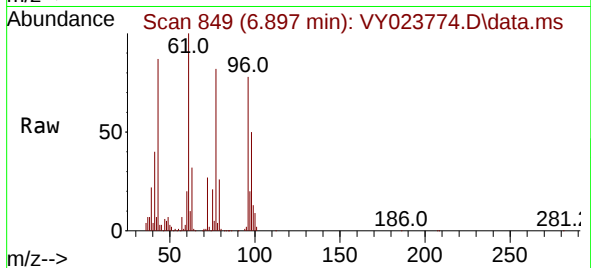




#25
2-Butanone
Concen: 264.738 ug/l
RT: 6.897 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

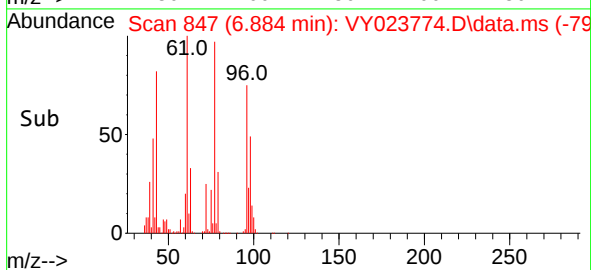
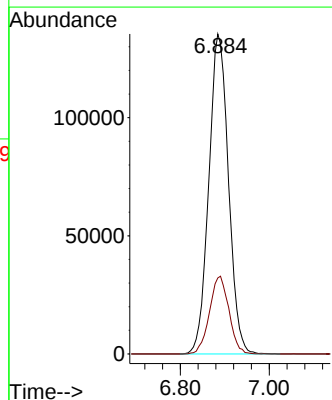
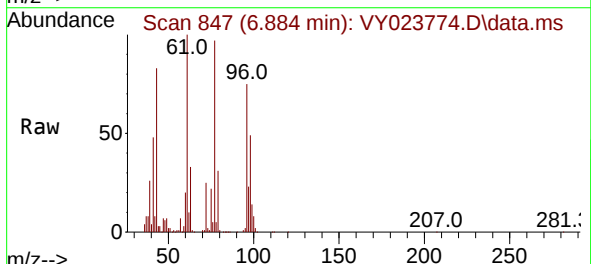
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

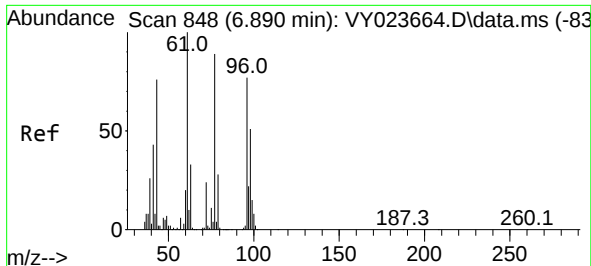
Tgt Ion: 43 Resp: 347692
Ion Ratio Lower Upper
43 100
72 31.5 25.7 38.5



#26
2,2-Dichloropropane
Concen: 52.307 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 77 Resp: 416127
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 51.293 ug/l

RT: 6.897 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

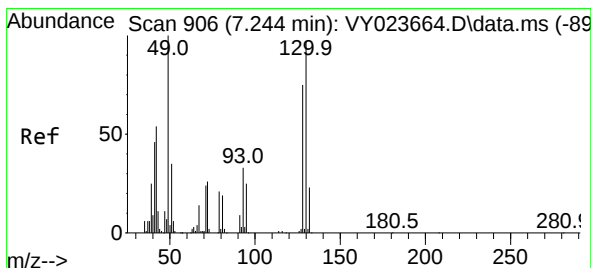
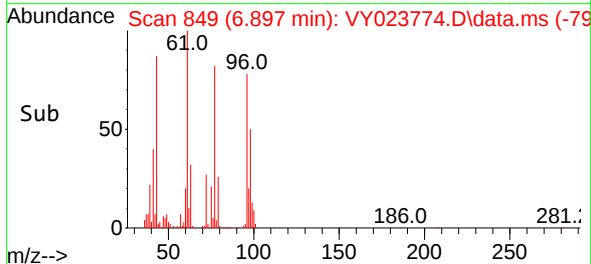
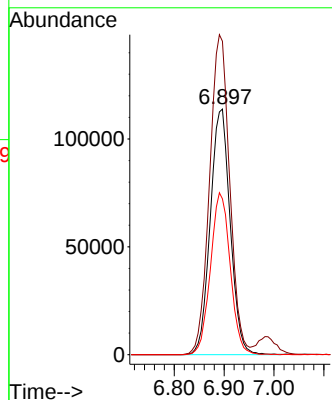
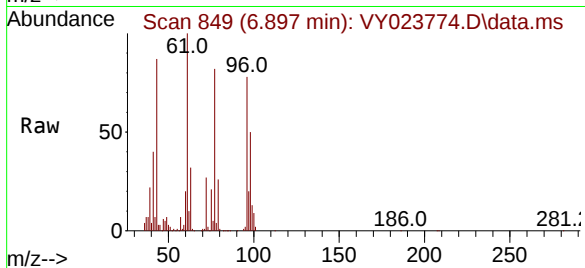
Tgt Ion: 96 Resp: 316159

Ion Ratio Lower Upper

96 100

61 131.7 0.0 255.0

98 65.4 0.0 129.8



#28

Bromochloromethane

Concen: 53.652 ug/l

RT: 7.244 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

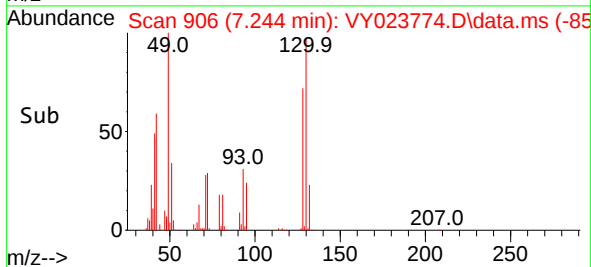
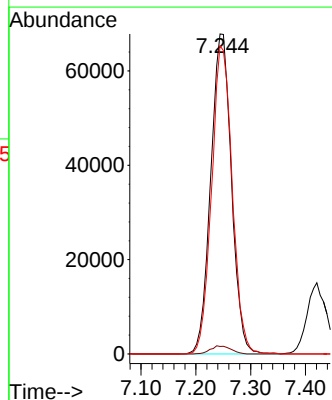
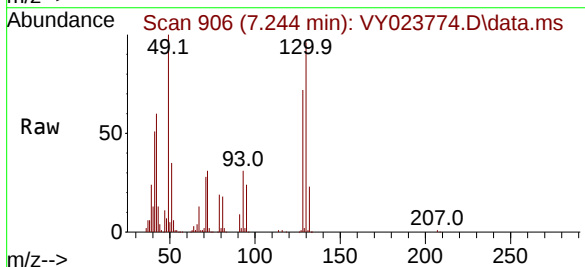
Tgt Ion: 49 Resp: 177667

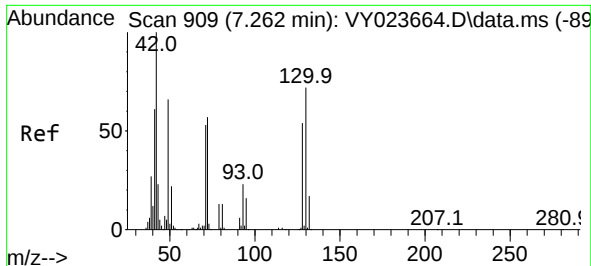
Ion Ratio Lower Upper

49 100

129 2.5 0.0 5.0

130 95.7 80.1 120.1





#29

Tetrahydrofuran

Concen: 284.185 ug/l

RT: 7.262 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

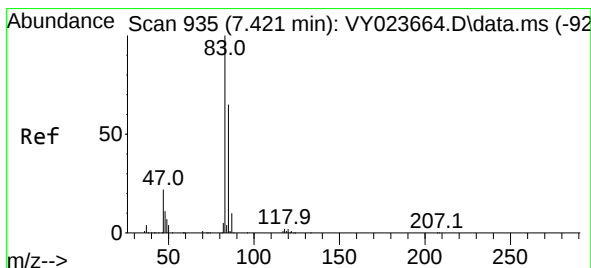
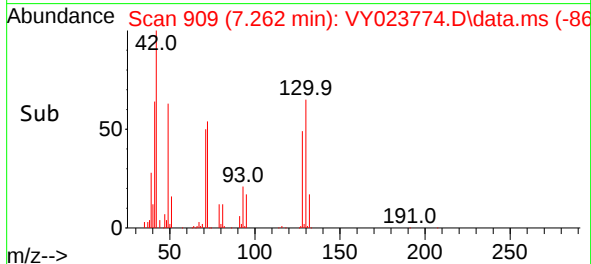
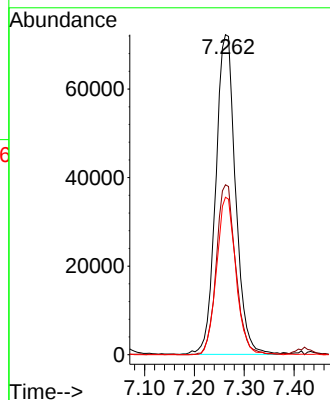
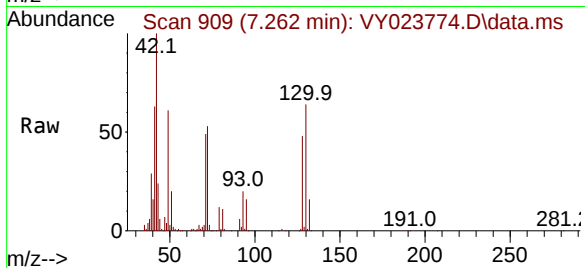
Tgt Ion: 42 Resp: 198772

Ion Ratio Lower Upper

42 100

72 52.2 43.4 65.2

71 48.3 40.7 61.1



#30

Chloroform

Concen: 51.853 ug/l

RT: 7.421 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY023774.D

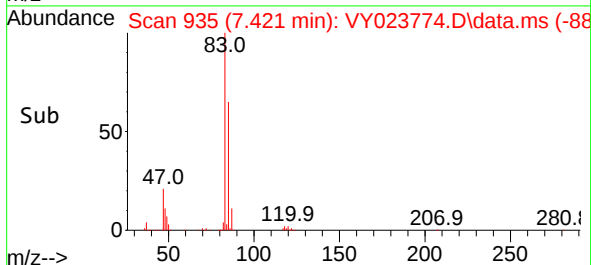
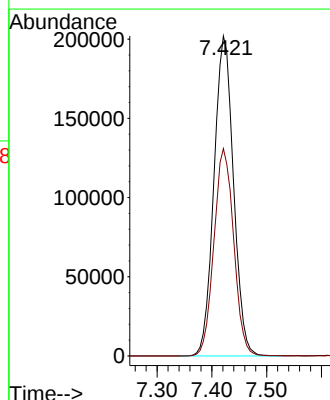
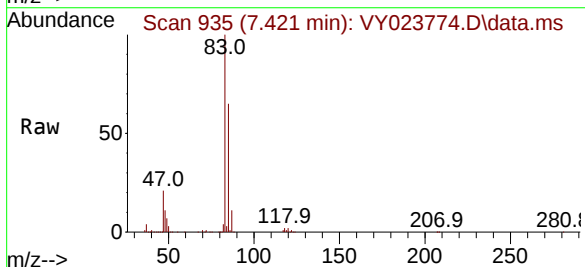
Acq: 13 Nov 2025 09:48

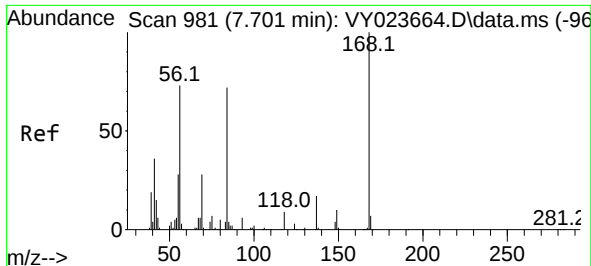
Tgt Ion: 83 Resp: 500360

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

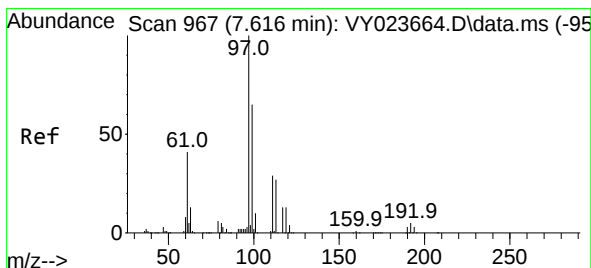
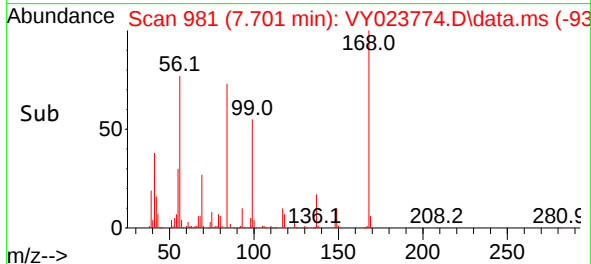
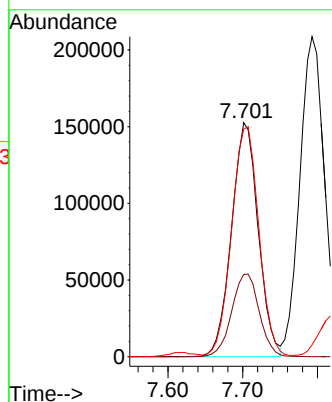
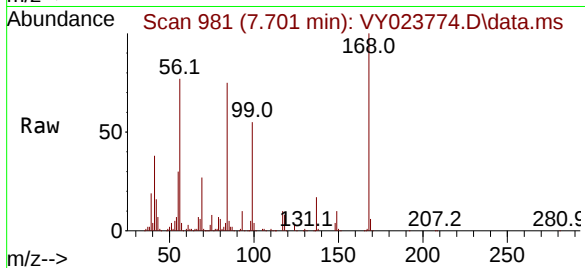




#31
Cyclohexane
Concen: 50.408 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

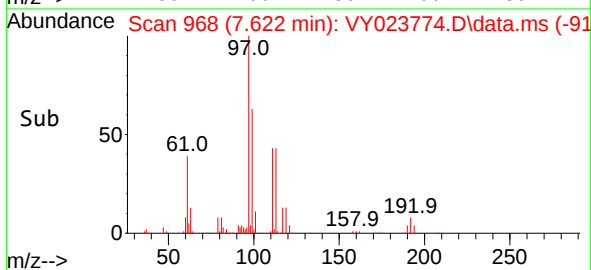
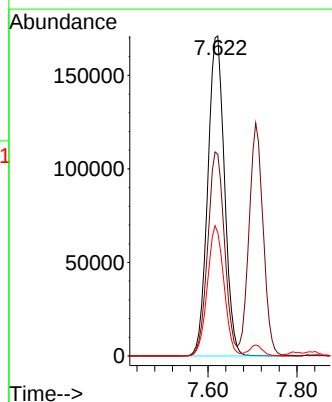
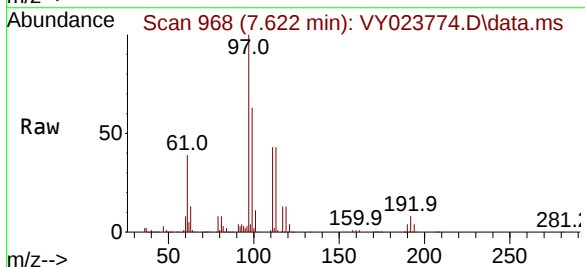
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

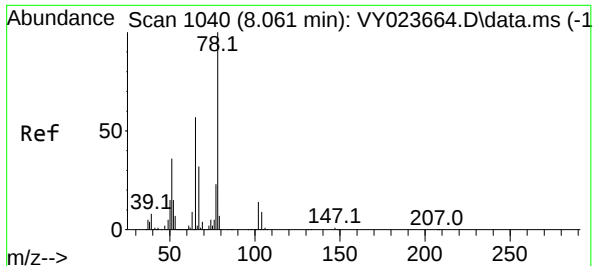
Tgt Ion: 56 Resp: 379657
Ion Ratio Lower Upper
56 100
69 35.1 30.5 45.7
84 95.5 79.0 118.4



#32
1,1,1-Trichloroethane
Concen: 51.858 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 97 Resp: 447239
Ion Ratio Lower Upper
97 100
99 63.9 51.5 77.3
61 40.4 32.5 48.7





#33

1,2-Dichloroethane-d4

Concen: 50.783 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

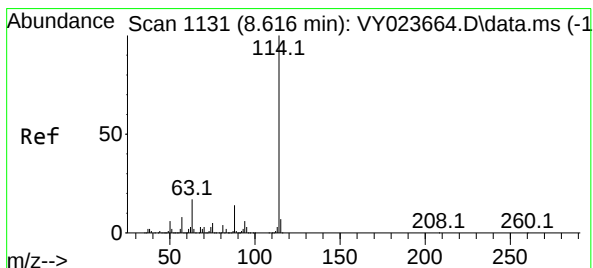
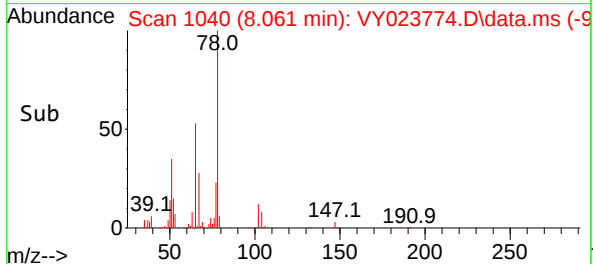
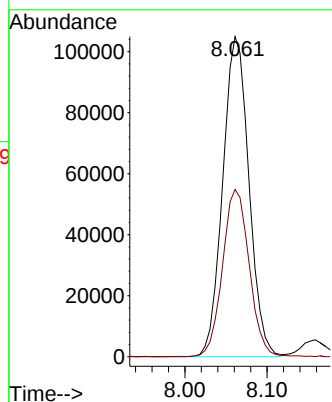
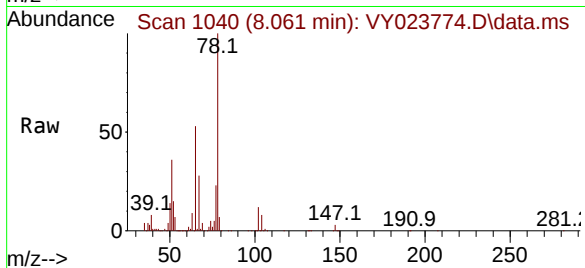
VSTDCCC050

Tgt Ion: 65 Resp: 232074

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

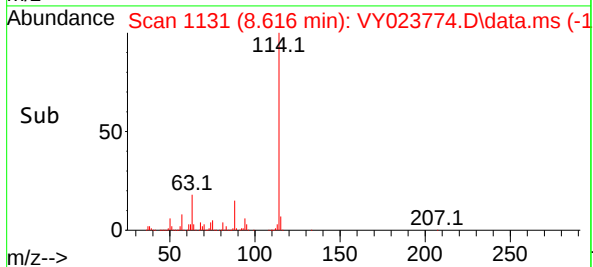
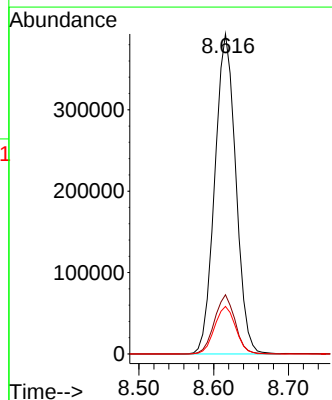
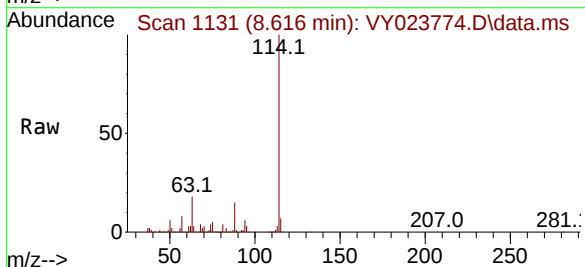
Tgt Ion: 114 Resp: 769382

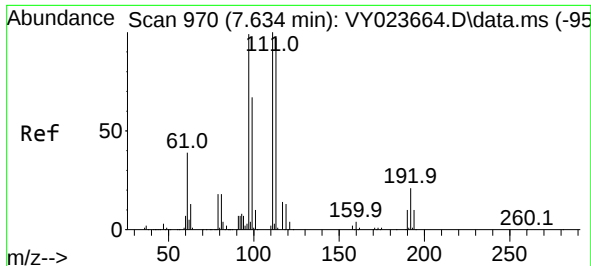
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.8

88 14.9 0.0 29.0

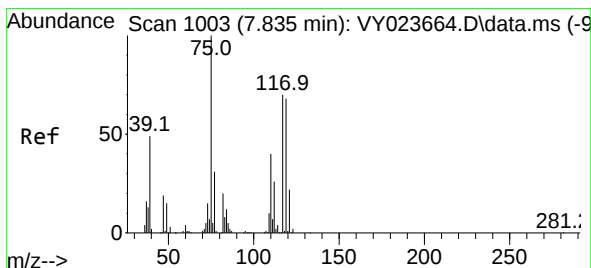
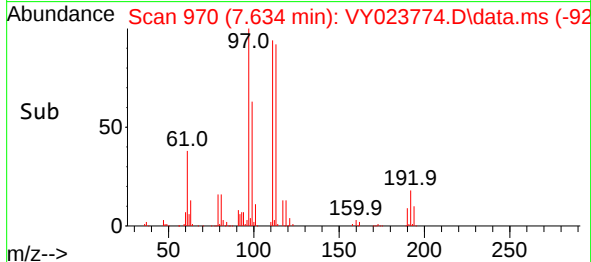
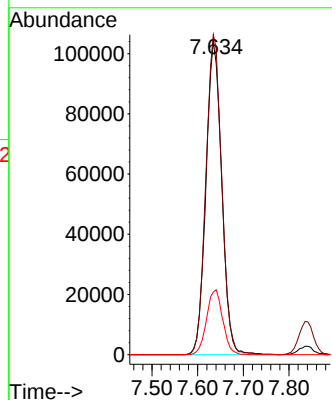
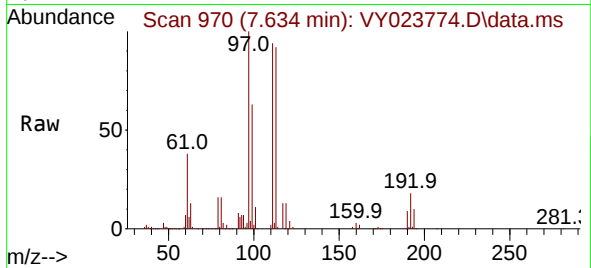




#35
Dibromofluoromethane
Concen: 51.897 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

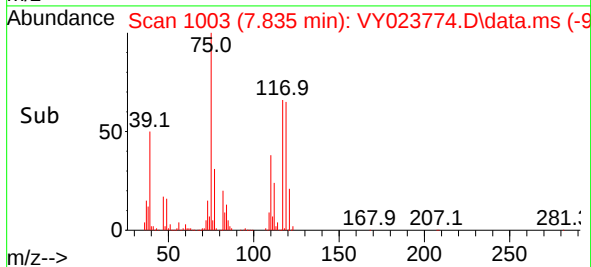
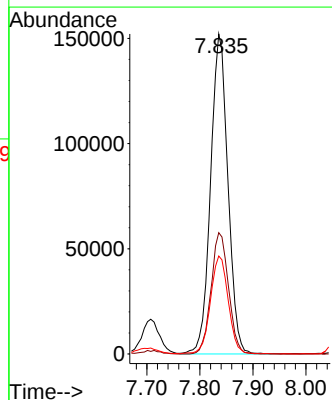
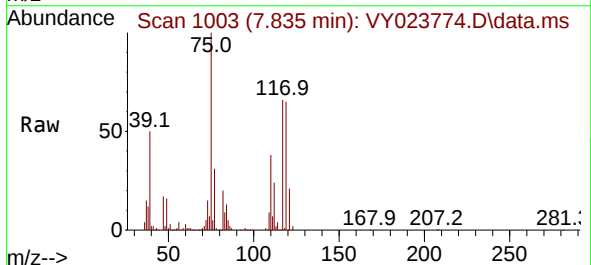
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 249525
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 21.2 17.3 25.9



#36
1,1-Dichloropropene
Concen: 53.714 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 75 Resp: 345108
Ion Ratio Lower Upper
75 100
110 38.1 19.7 59.0
77 31.5 25.2 37.8





#37

Ethyl Acetate

Concen: 57.886 ug/l

RT: 6.982 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

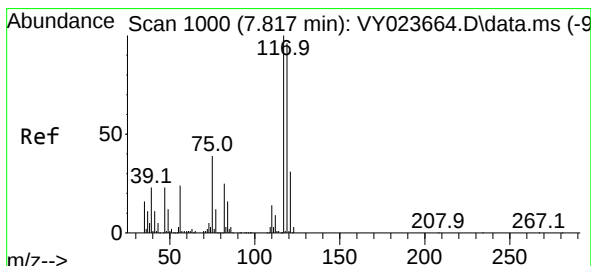
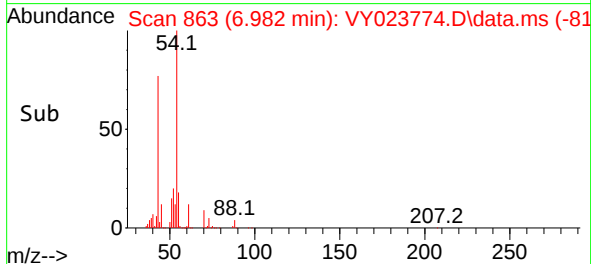
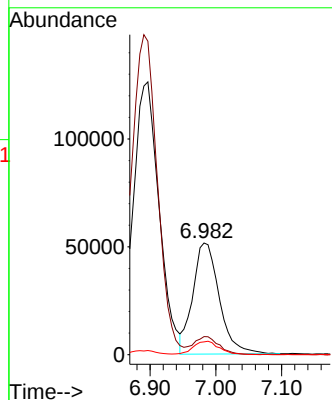
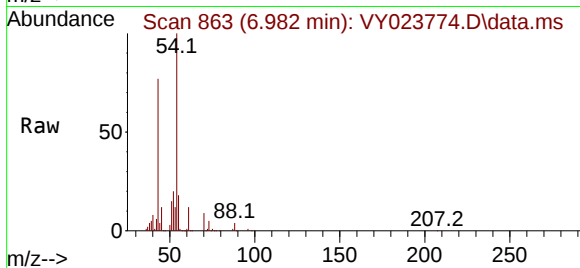
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 143974

Ion	Ratio	Lower	Upper
43	100		
61	15.4	12.4	18.6
70	12.0	9.8	14.8



#38

Carbon Tetrachloride

Concen: 53.328 ug/l

RT: 7.817 min Scan# 1000

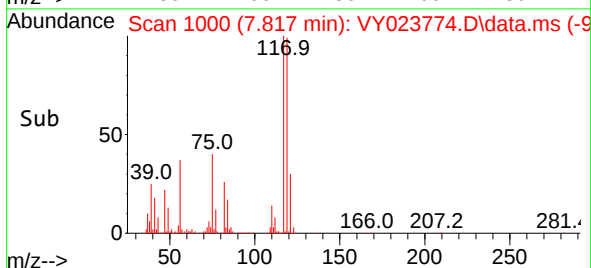
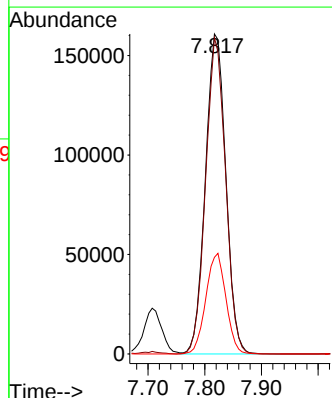
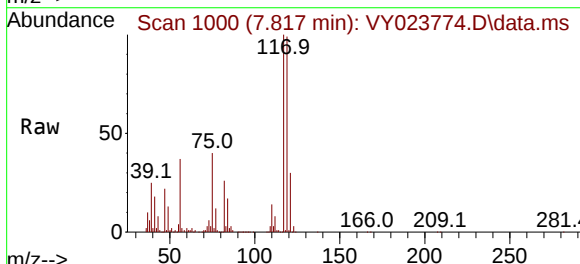
Delta R.T. 0.000 min

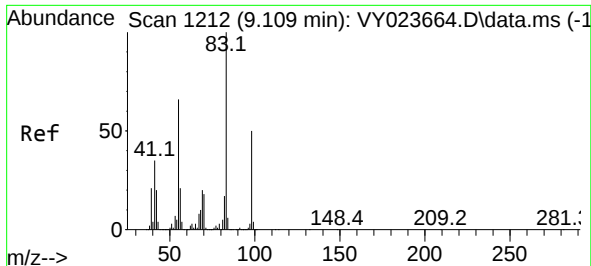
Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Tgt Ion: 117 Resp: 403694

Ion	Ratio	Lower	Upper
117	100		
119	98.8	76.3	114.5
121	30.2	24.8	37.2





#39

Methylcyclohexane

Concen: 53.818 ug/l

RT: 9.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

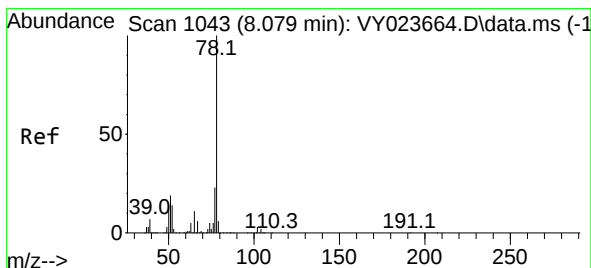
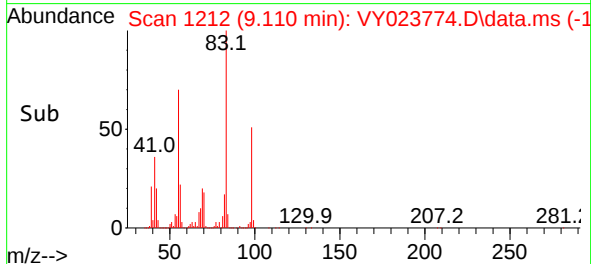
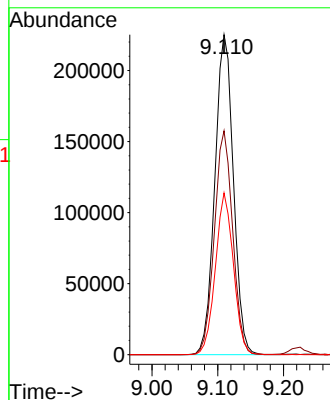
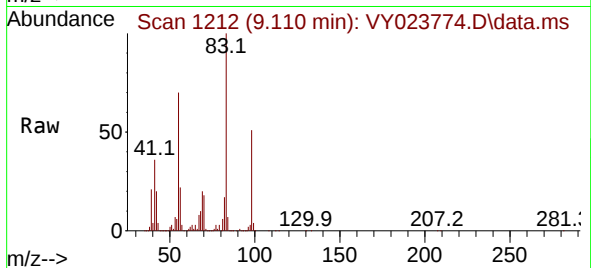
Tgt Ion: 83 Resp: 441809

Ion Ratio Lower Upper

83 100

55 69.9 52.6 78.8

98 50.6 39.7 59.5



#40

Benzene

Concen: 54.004 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY023774.D

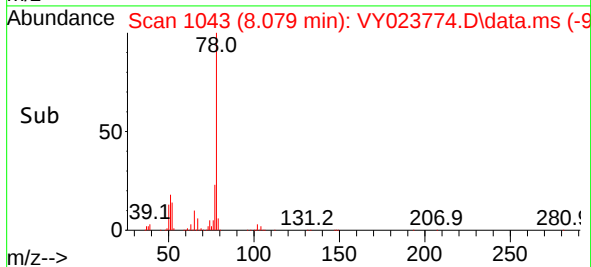
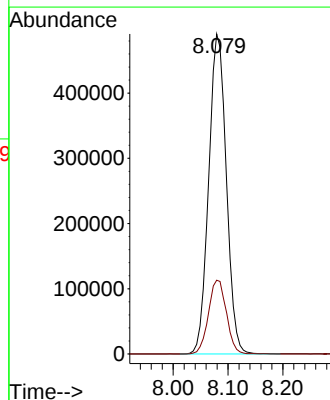
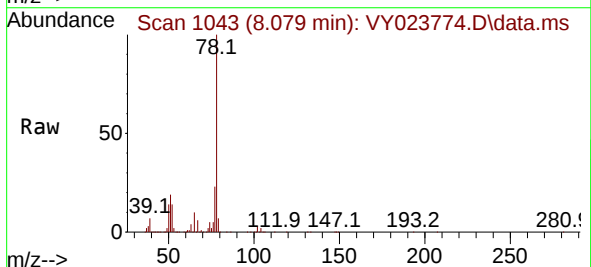
Acq: 13 Nov 2025 09:48

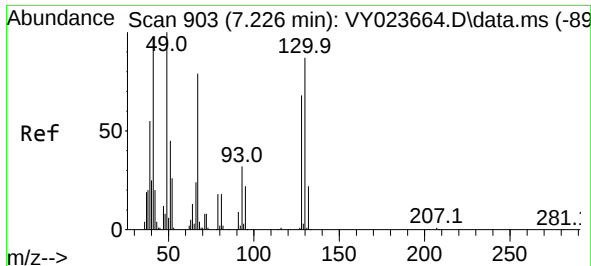
Tgt Ion: 78 Resp: 1093681

Ion Ratio Lower Upper

78 100

77 23.1 18.8 28.2

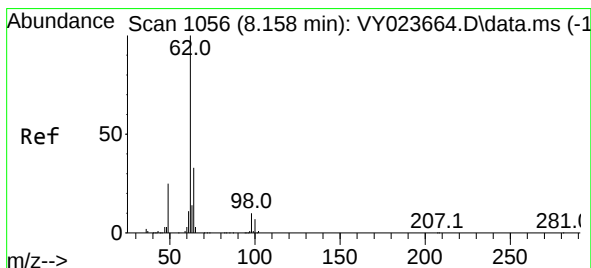
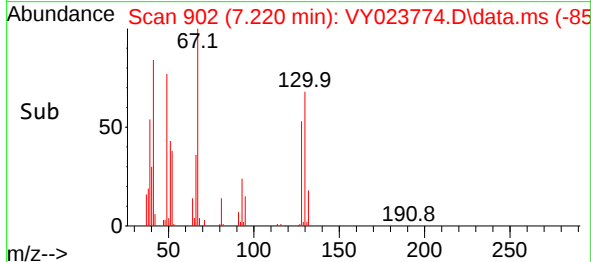
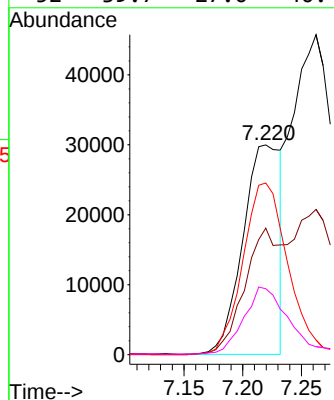
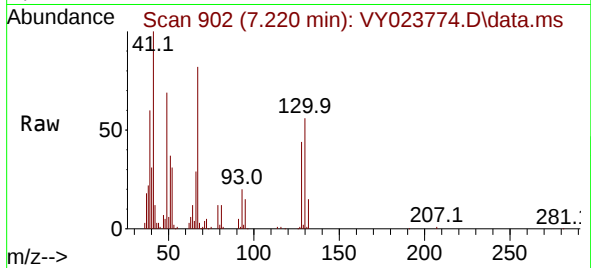




#41
Methacrylonitrile
Concen: 49.489 ug/l
RT: 7.220 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

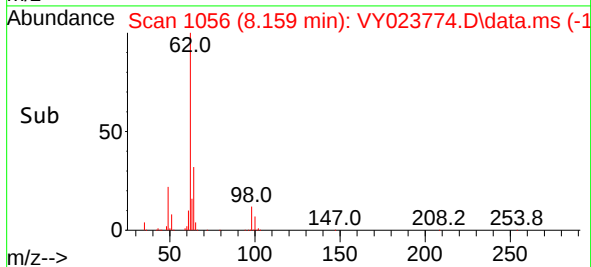
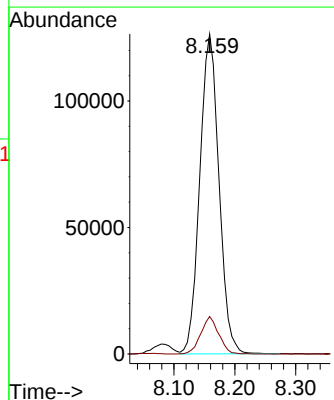
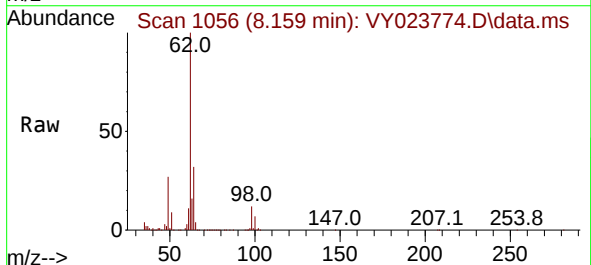
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

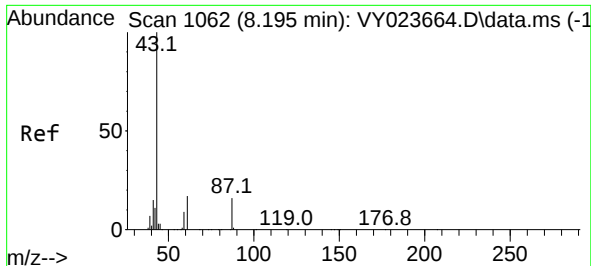
Tgt Ion: 41 Resp: 67188
Ion Ratio Lower Upper
41 100
39 55.8 38.6 57.8
67 98.2 71.3 106.9
52 39.7 27.0 40.4



#42
1,2-Dichloroethane
Concen: 53.930 ug/l
RT: 8.159 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 62 Resp: 276317
Ion Ratio Lower Upper
62 100
98 10.9 0.0 21.0

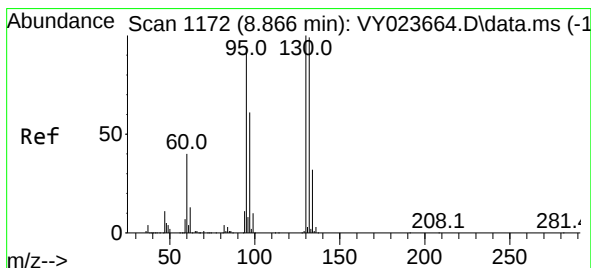
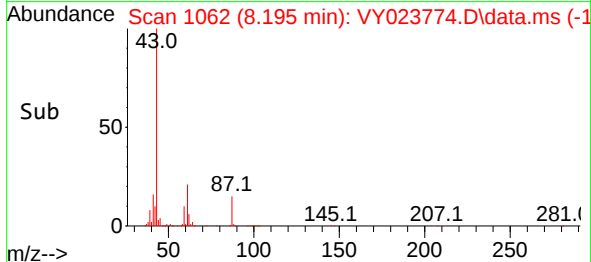
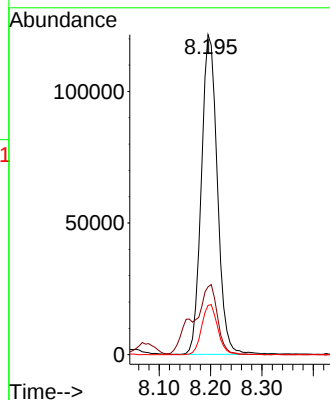
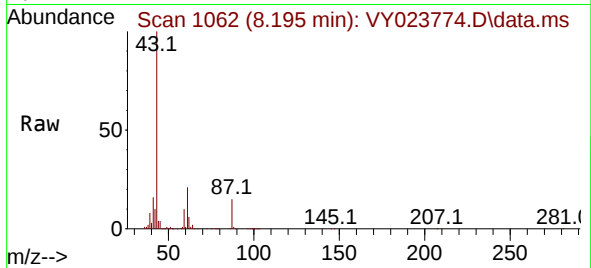




#43
Isopropyl Acetate
Concen: 56.193 ug/l
RT: 8.195 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

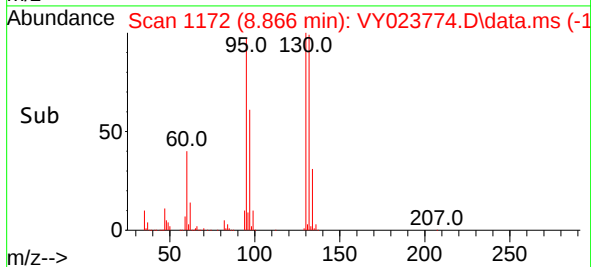
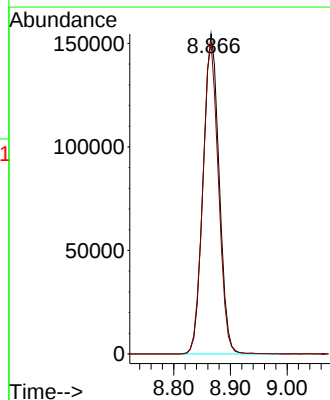
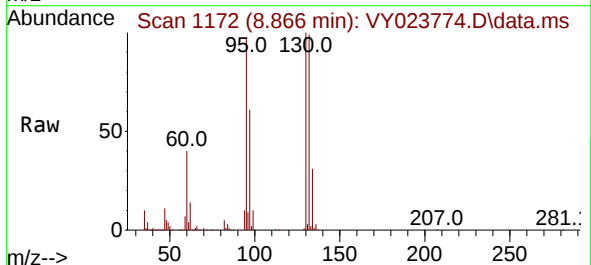
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

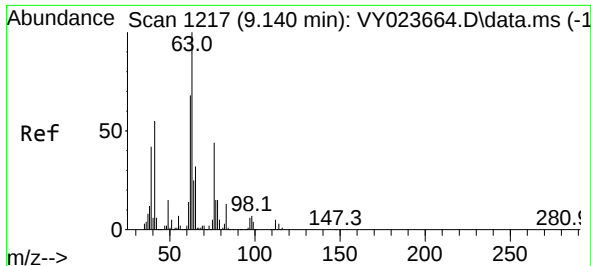
Tgt Ion: 43 Resp: 262605
Ion Ratio Lower Upper
43 100
61 22.6 18.2 27.2
87 15.8 13.3 19.9



#44
Trichloroethene
Concen: 51.910 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion:130 Resp: 301949
Ion Ratio Lower Upper
130 100
95 97.4 0.0 187.0





#45

1,2-Dichloropropane

Concen: 54.896 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

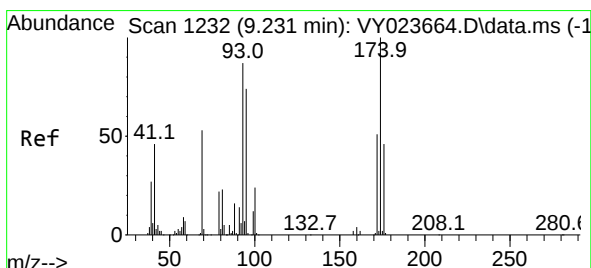
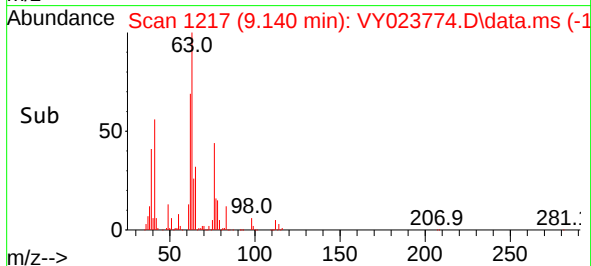
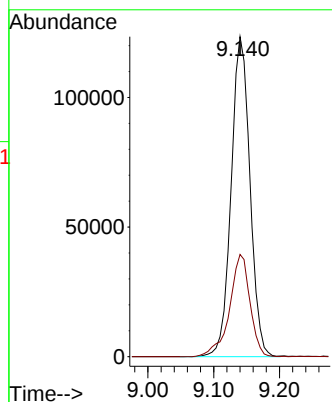
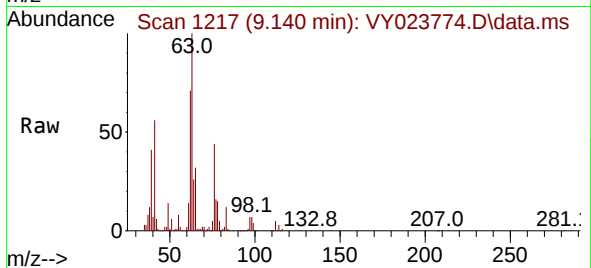
VSTDCCC050

Tgt Ion: 63 Resp: 245362

Ion Ratio Lower Upper

63 100

65 32.0 25.6 38.4



#46

Dibromomethane

Concen: 54.586 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

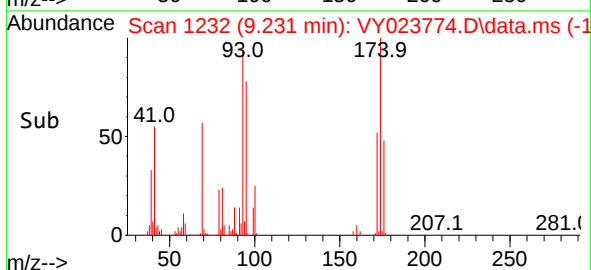
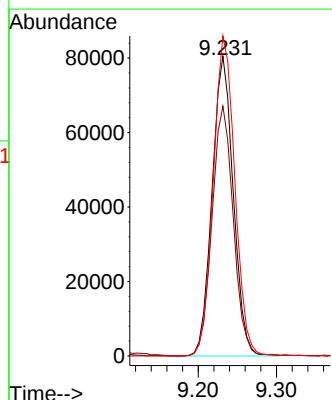
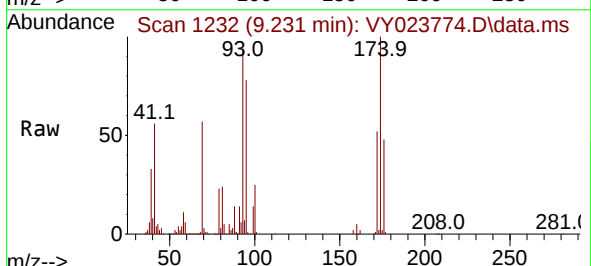
Tgt Ion: 93 Resp: 151169

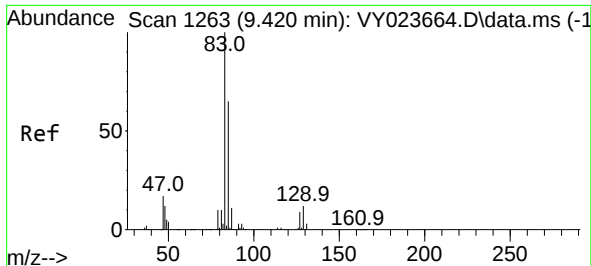
Ion Ratio Lower Upper

93 100

95 83.9 67.4 101.2

174 108.8 89.4 134.0

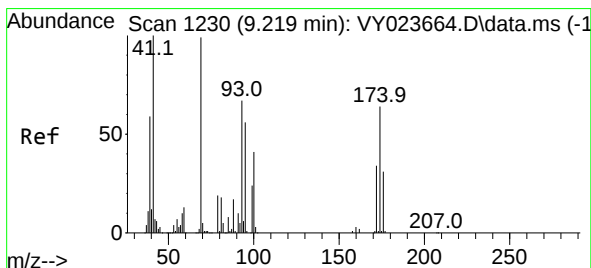
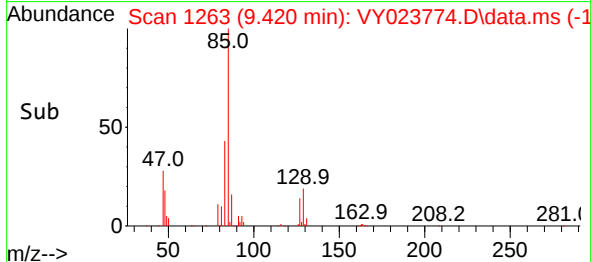
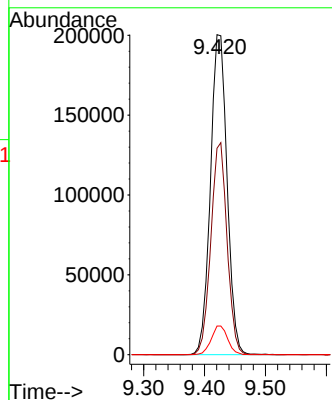
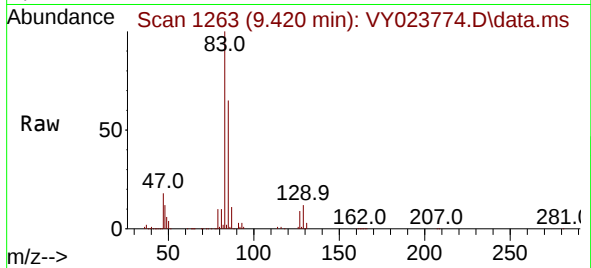




#47
Bromodichloromethane
Concen: 54.504 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

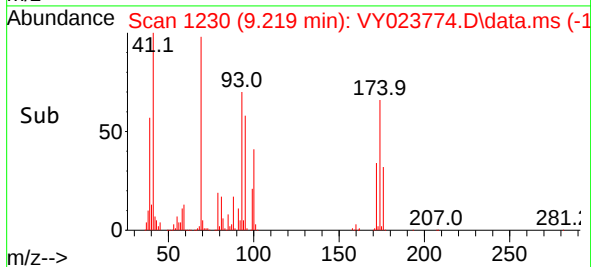
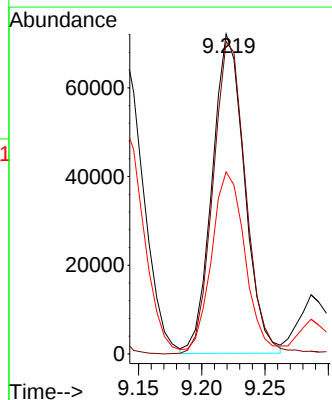
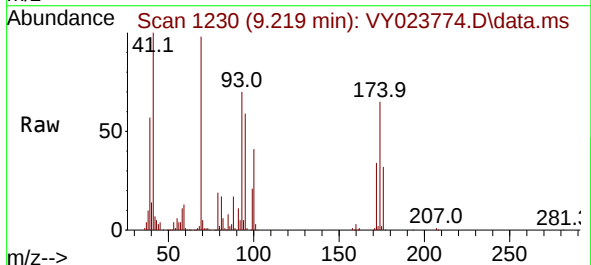
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

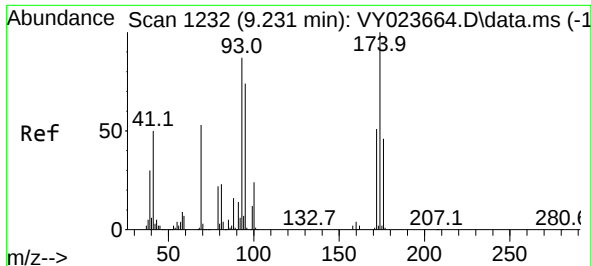
Tgt Ion: 83 Resp: 380563
Ion Ratio Lower Upper
83 100
85 64.5 52.1 78.1
127 9.0 7.5 11.3



#48
Methyl methacrylate
Concen: 58.046 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 41 Resp: 128160
Ion Ratio Lower Upper
41 100
69 99.6 80.2 120.2
39 56.2 47.4 71.0





#49

1,4-Dioxane

Concen: 1094.931 ug/l

RT: 9.225 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

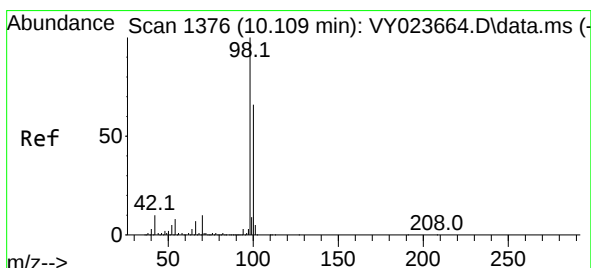
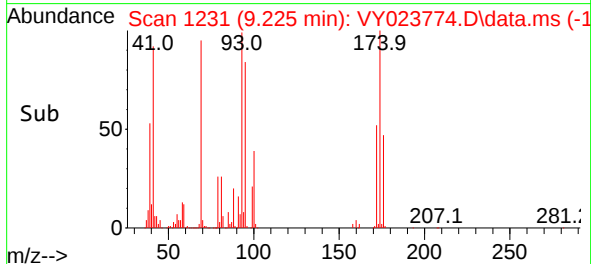
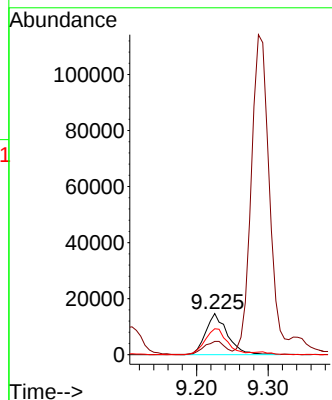
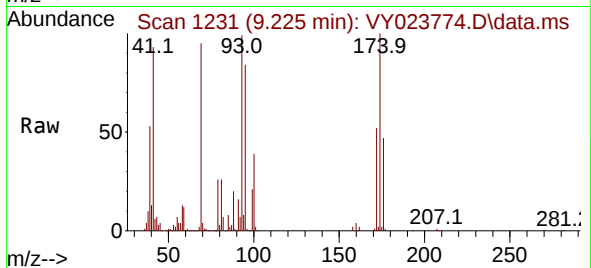
Tgt Ion: 88 Resp: 31032

Ion Ratio Lower Upper

88 100

43 30.8 22.0 33.0

58 65.8 47.8 71.8



#50

Toluene-d8

Concen: 52.891 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY023774.D

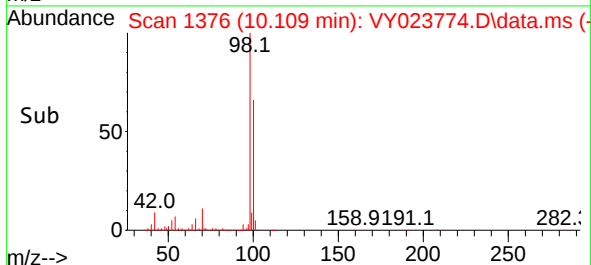
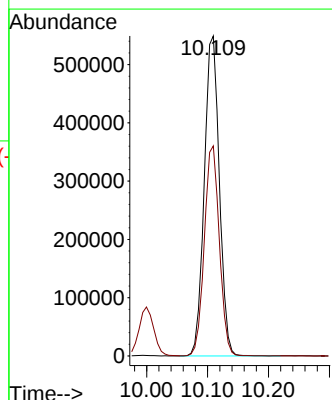
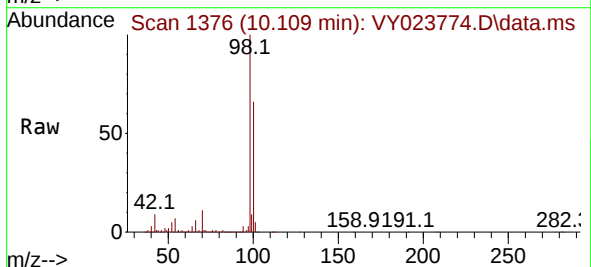
Acq: 13 Nov 2025 09:48

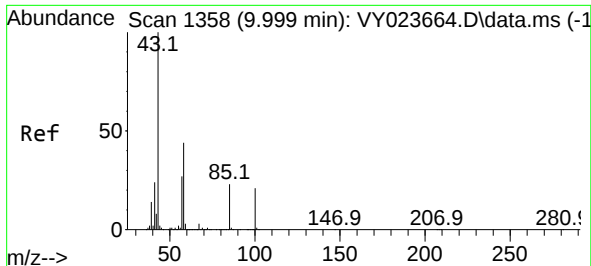
Tgt Ion: 98 Resp: 947301

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 293.657 ug/l

RT: 10.000 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

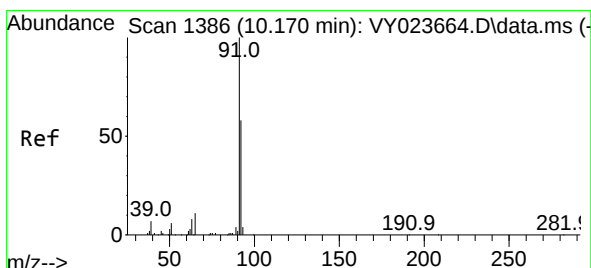
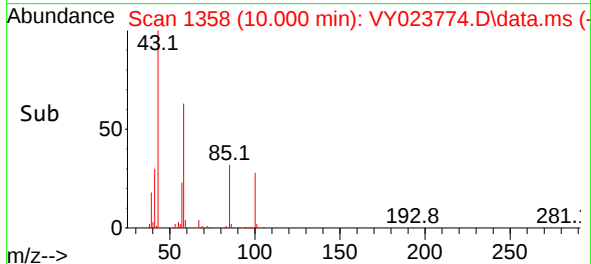
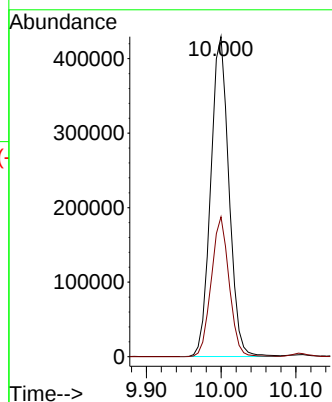
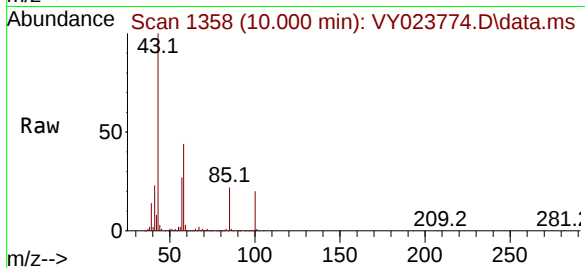
VSTDCCC050

Tgt Ion: 43 Resp: 729813

Ion Ratio Lower Upper

43 100

58 42.9 34.8 52.2



#52

Toluene

Concen: 54.895 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY023774.D

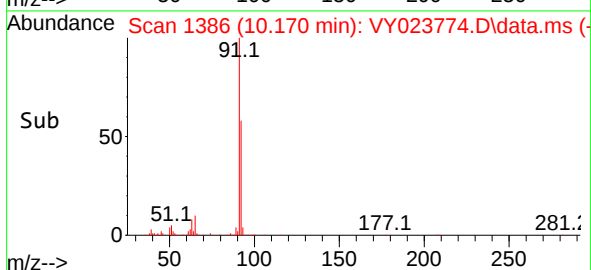
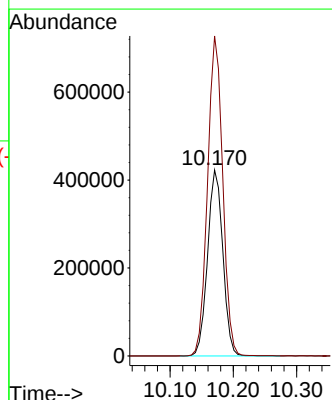
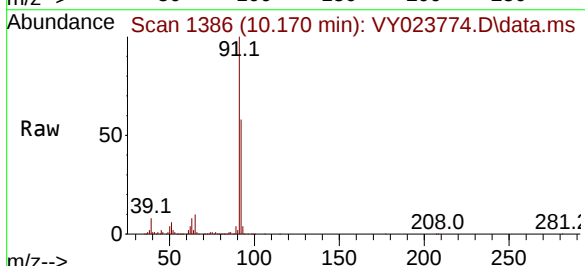
Acq: 13 Nov 2025 09:48

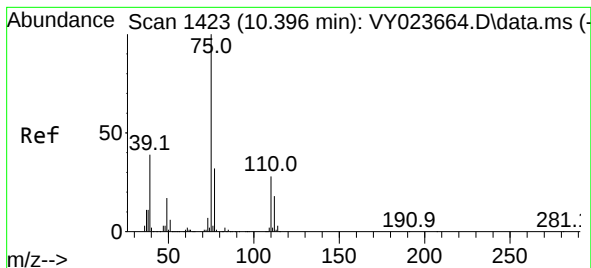
Tgt Ion: 92 Resp: 709757

Ion Ratio Lower Upper

92 100

91 170.8 137.8 206.8

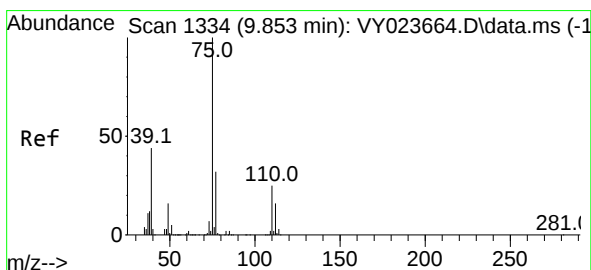
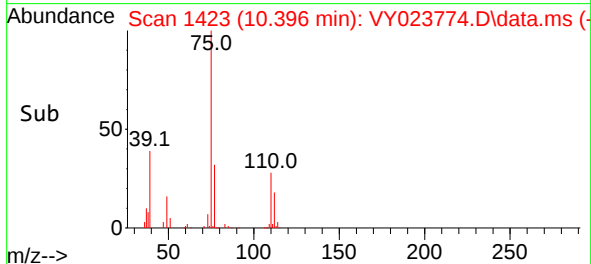
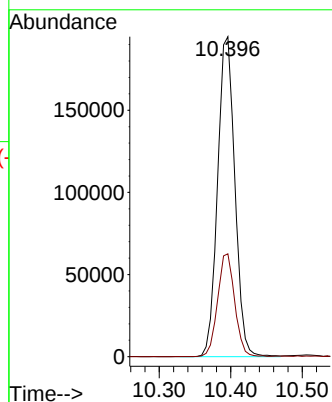
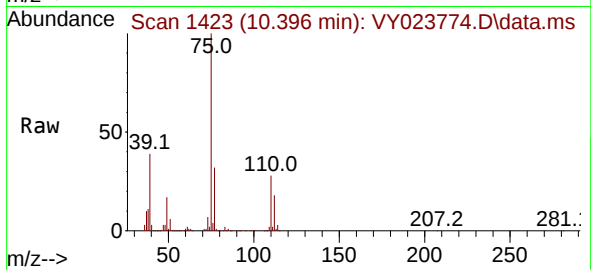




#53
t-1,3-Dichloropropene
Concen: 55.371 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

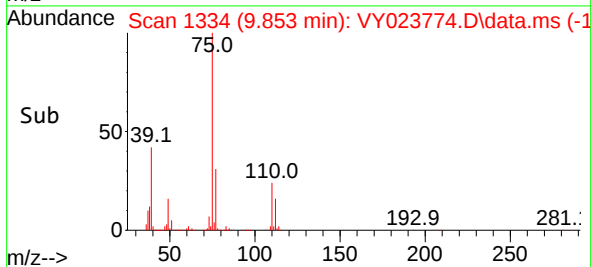
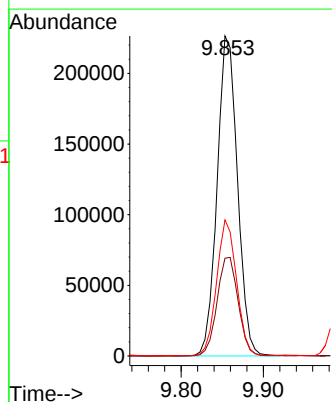
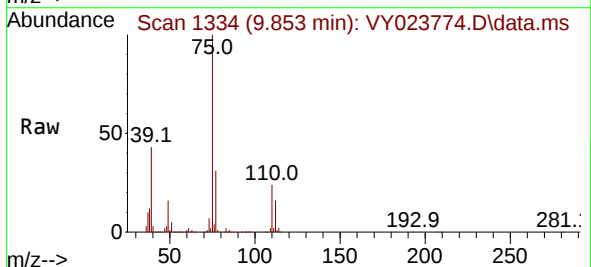
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

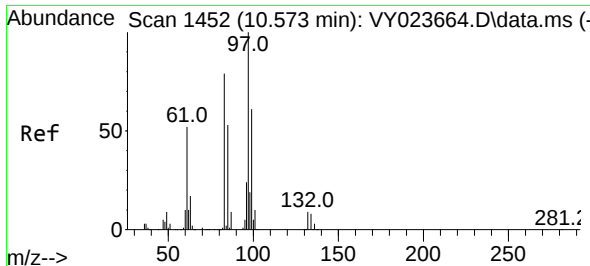
Tgt Ion: 75 Resp: 327128
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 55.113 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 75 Resp: 390104
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5
39 42.4 34.9 52.3



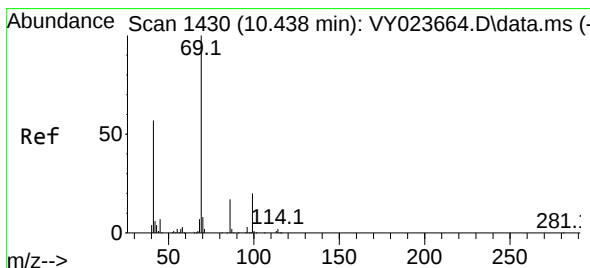
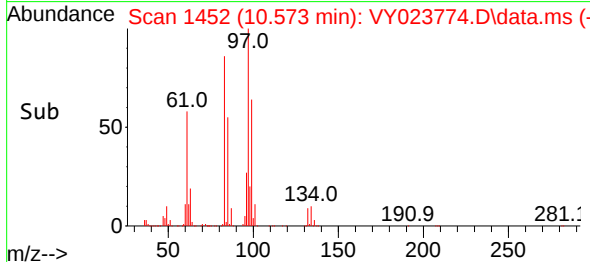
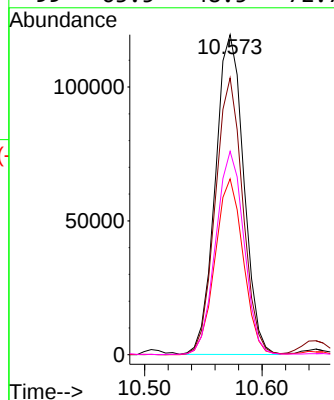
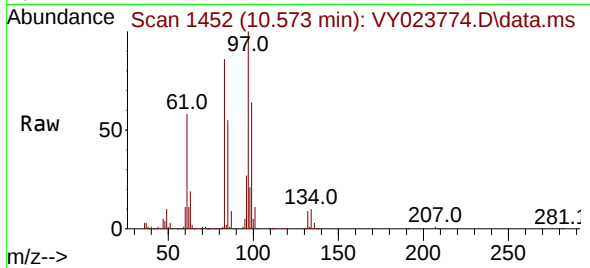


#55
1,1,2-Trichloroethane
Concen: 54.201 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 200597

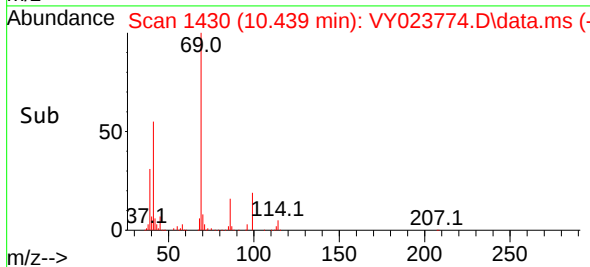
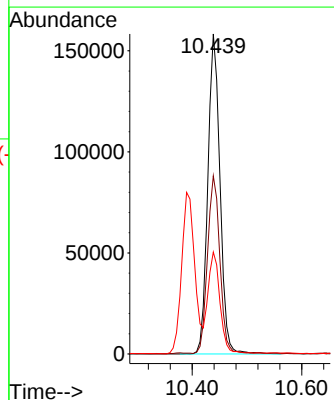
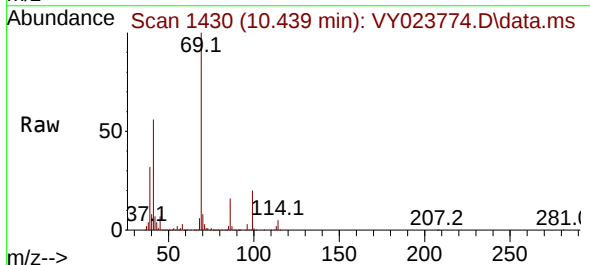
Ion	Ratio	Lower	Upper
97	100		
83	86.5	63.3	94.9
85	55.0	42.4	63.6
99	63.5	48.5	72.7

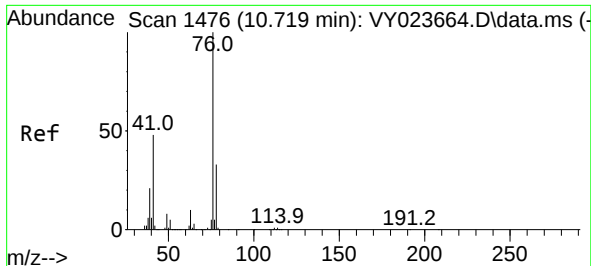


#56
Ethyl methacrylate
Concen: 59.640 ug/l
RT: 10.439 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 69 Resp: 243194

Ion	Ratio	Lower	Upper
69	100		
41	56.1	45.0	67.4
39	30.6	25.1	37.7





#57

1,3-Dichloropropane

Concen: 55.218 ug/l

RT: 10.719 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

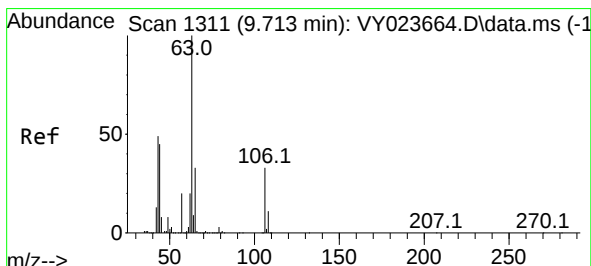
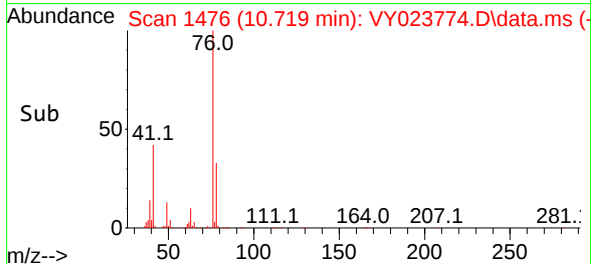
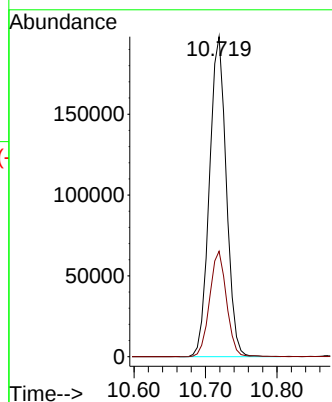
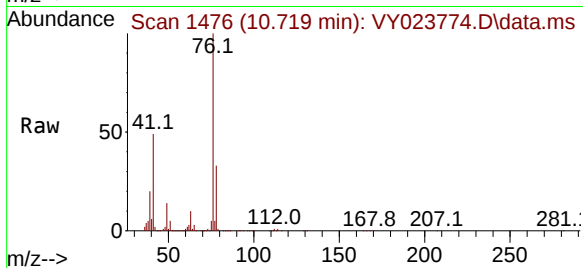
VSTDCCC050

Tgt Ion: 76 Resp: 324147

Ion Ratio Lower Upper

76 100

78 33.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 303.155 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY023774.D

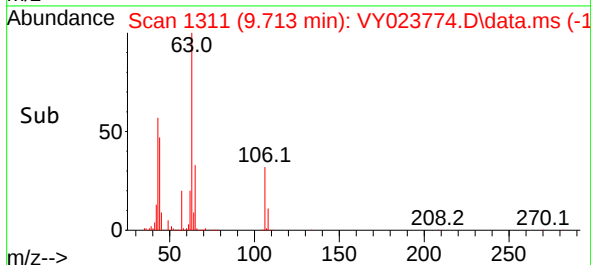
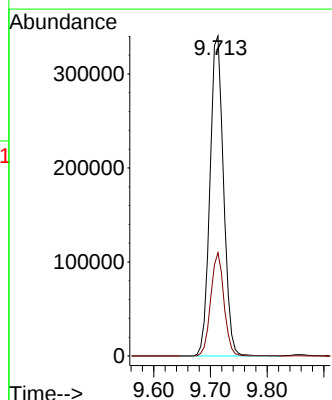
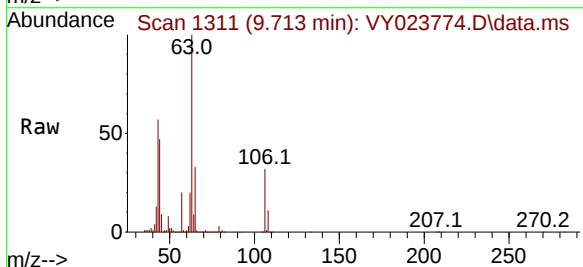
Acq: 13 Nov 2025 09:48

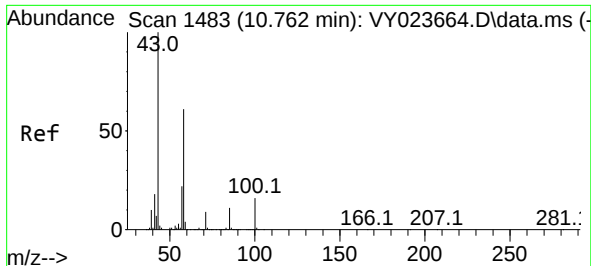
Tgt Ion: 63 Resp: 567252

Ion Ratio Lower Upper

63 100

106 31.4 26.2 39.2

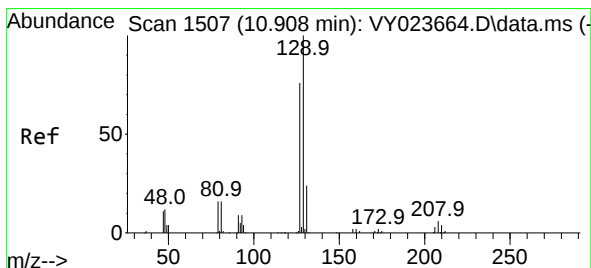
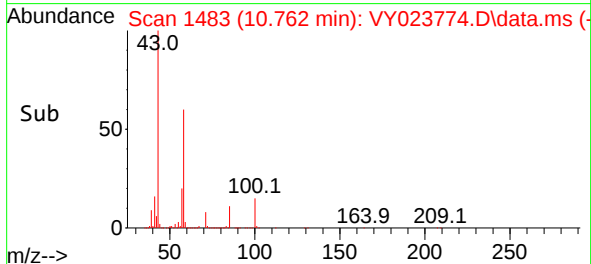
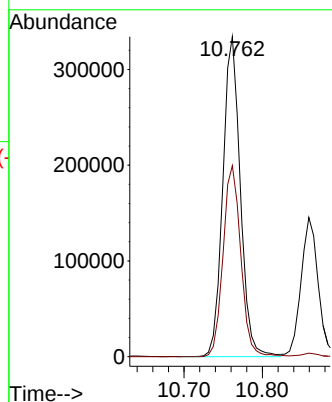
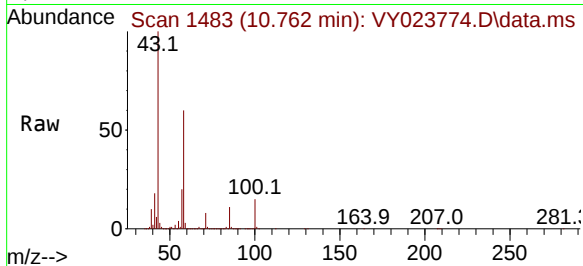




#59
2-Hexanone
Concen: 286.358 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

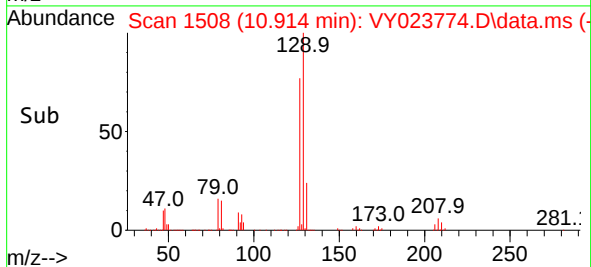
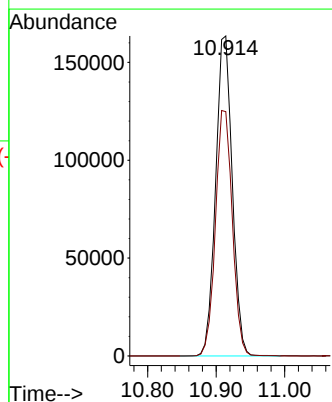
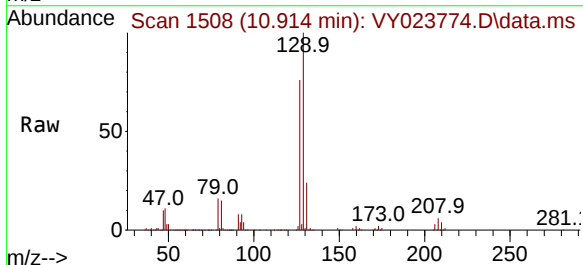
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

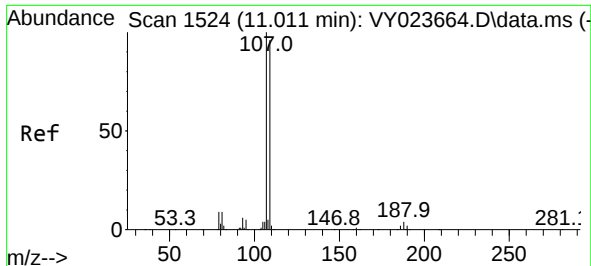
Tgt Ion: 43 Resp: 519217
Ion Ratio Lower Upper
43 100
58 60.5 30.2 90.6



#60
Dibromochloromethane
Concen: 54.095 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 129 Resp: 275080
Ion Ratio Lower Upper
129 100
127 77.8 38.4 115.2

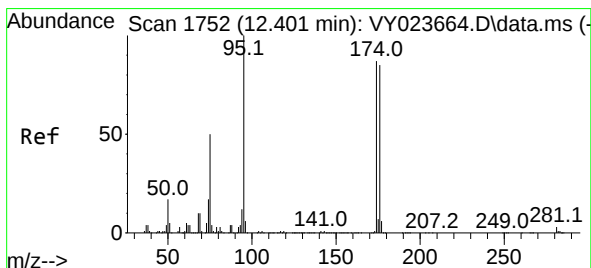
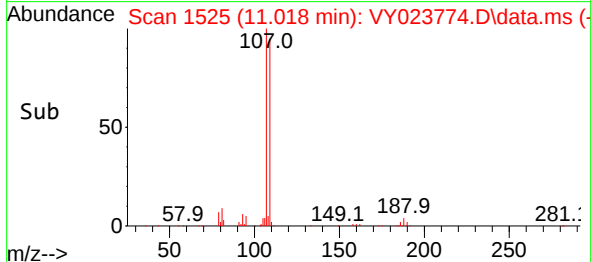
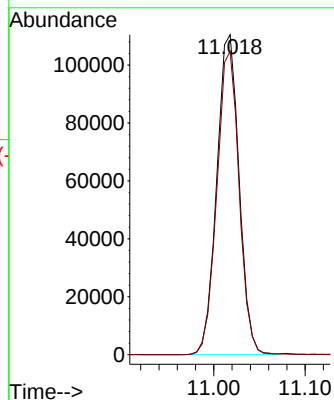
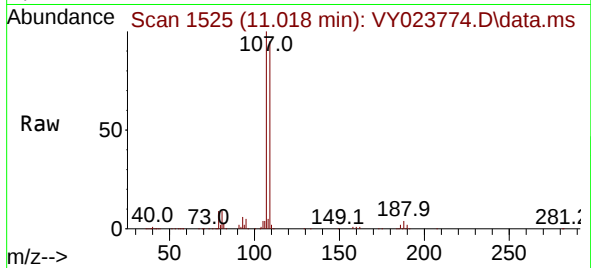




#61
1,2-Dibromoethane
Concen: 54.013 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

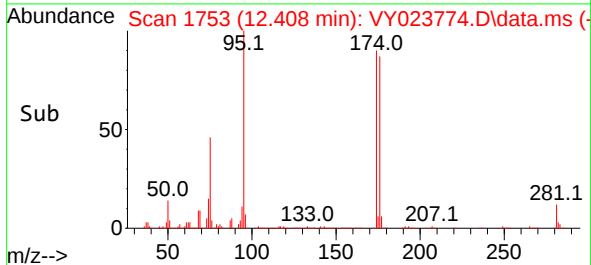
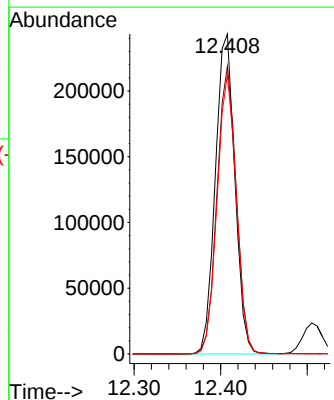
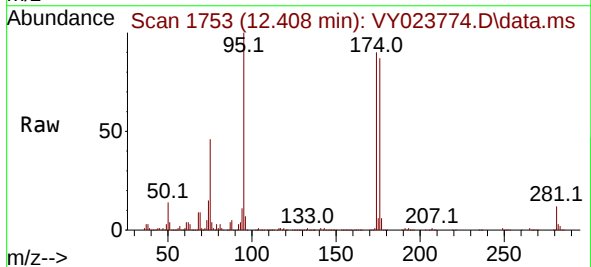
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

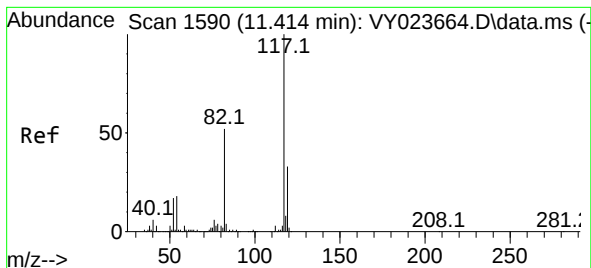
Tgt Ion:107 Resp: 187603
Ion Ratio Lower Upper
107 100
109 94.6 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 65.710 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 95 Resp: 380600
Ion Ratio Lower Upper
95 100
174 89.2 0.0 184.8
176 86.1 0.0 181.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

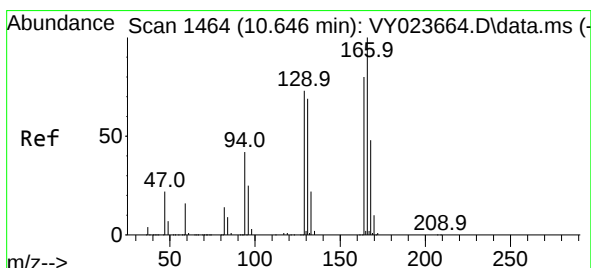
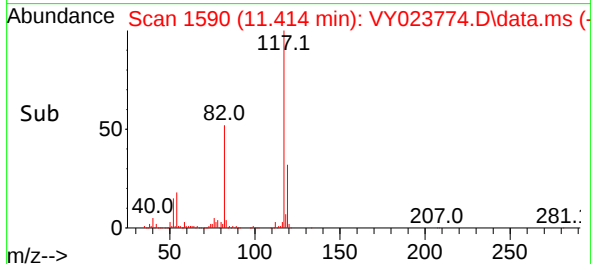
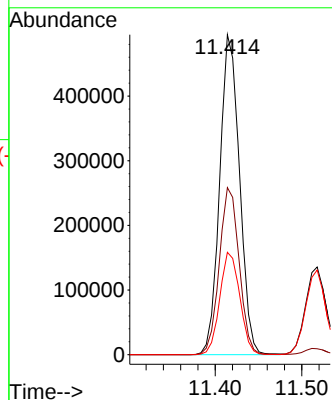
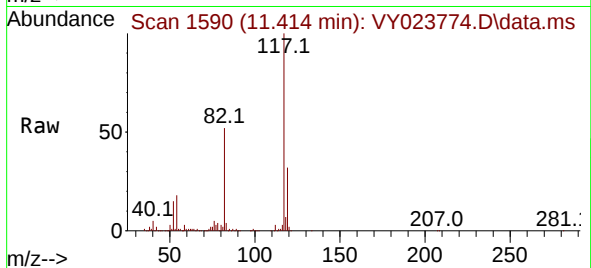
Tgt Ion:117 Resp: 787003

Ion Ratio Lower Upper

117 100

82 52.2 41.2 61.8

119 32.0 26.2 39.2



#64

Tetrachloroethene

Concen: 46.190 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Tgt Ion:164 Resp: 378366

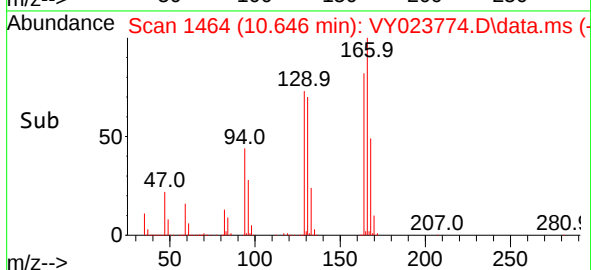
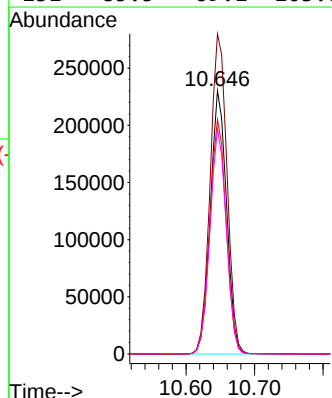
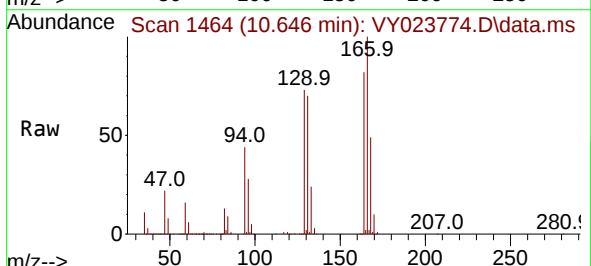
Ion Ratio Lower Upper

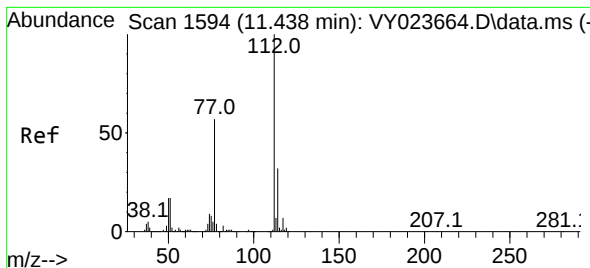
164 100

166 121.5 99.5 149.3

129 89.0 72.3 108.5

131 85.5 69.1 103.7





#65

Chlorobenzene

Concen: 50.564 ug/l

RT: 11.445 min Scan# 1595

Delta R.T. 0.006 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

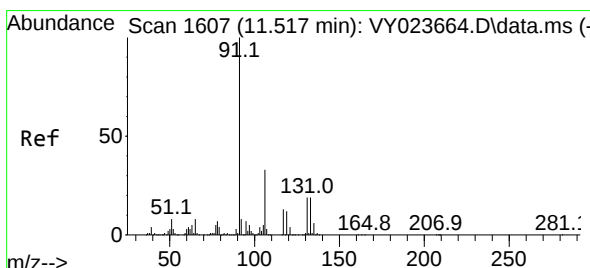
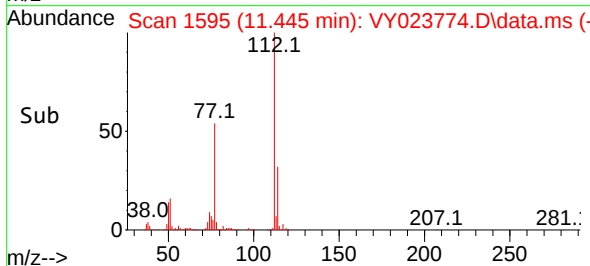
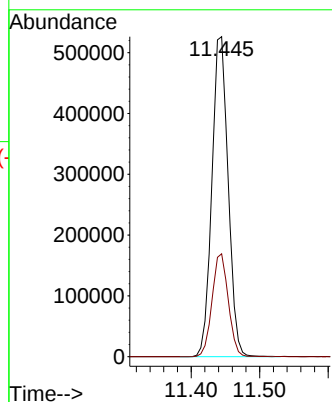
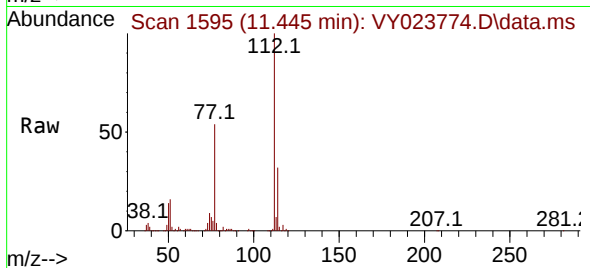
VSTDCCC050

Tgt Ion:112 Resp: 866308

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.509 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

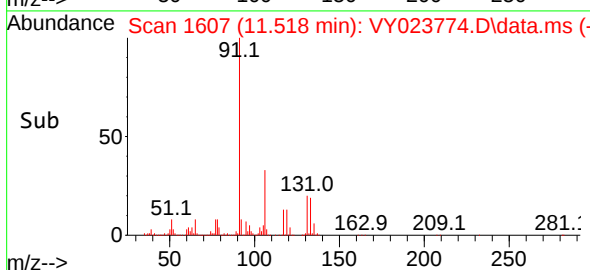
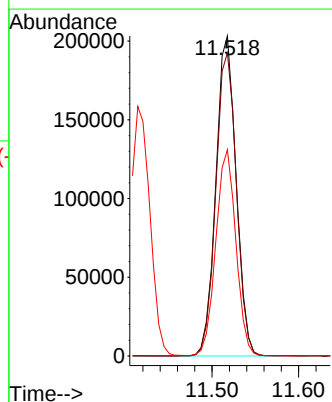
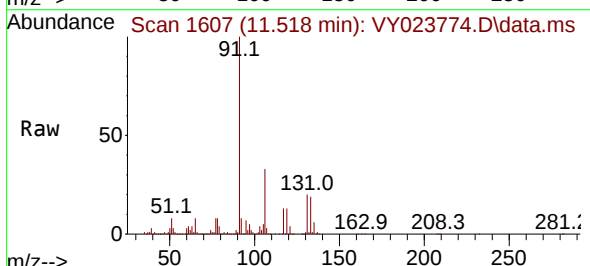
Tgt Ion:131 Resp: 330235

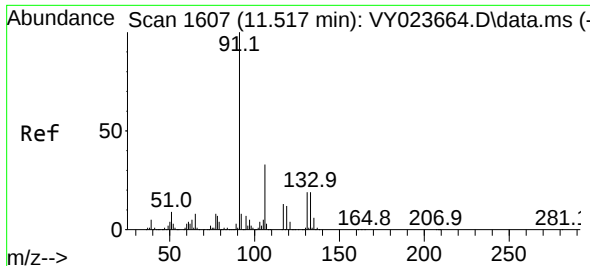
Ion Ratio Lower Upper

131 100

133 96.1 47.3 141.8

119 63.9 32.5 97.4





#67

Ethyl Benzene

Concen: 56.203 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

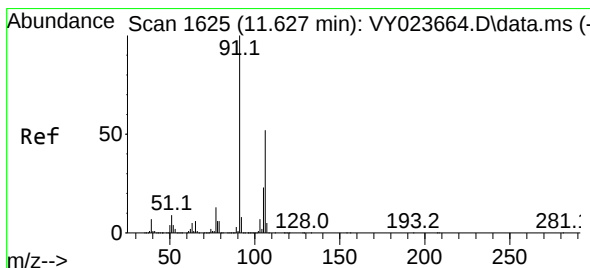
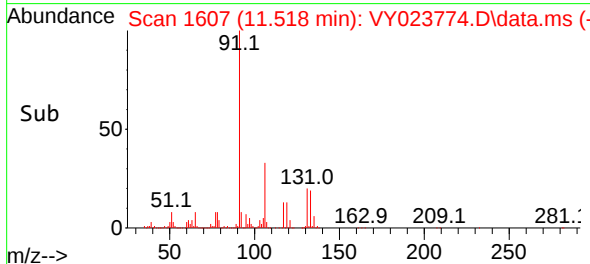
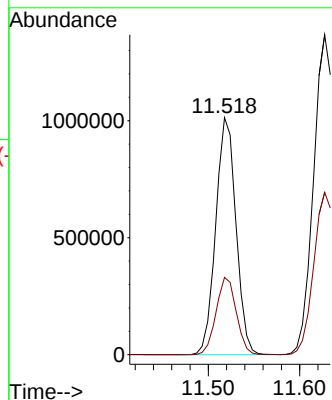
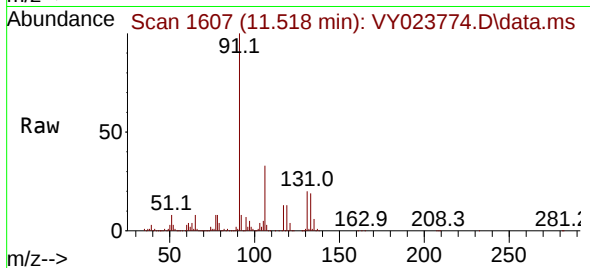
VSTDCCC050

Tgt Ion: 91 Resp: 1558469

Ion Ratio Lower Upper

91 100

106 32.6 26.6 40.0



#68

m/p-Xylenes

Concen: 111.216 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. 0.000 min

Lab File: VY023774.D

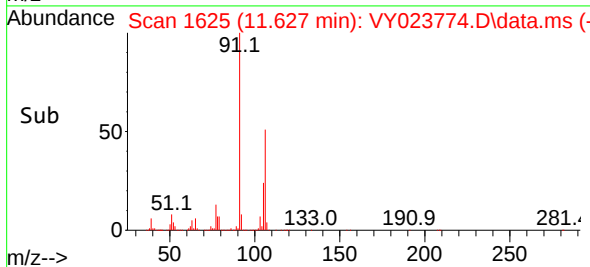
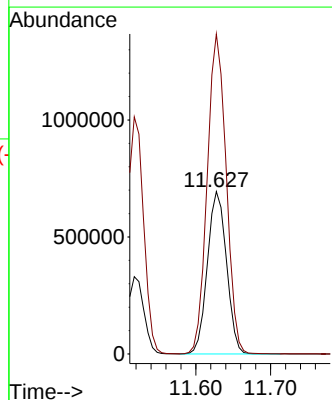
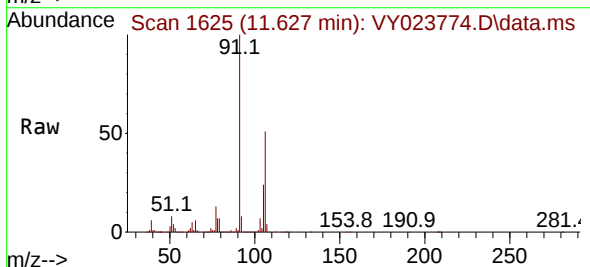
Acq: 13 Nov 2025 09:48

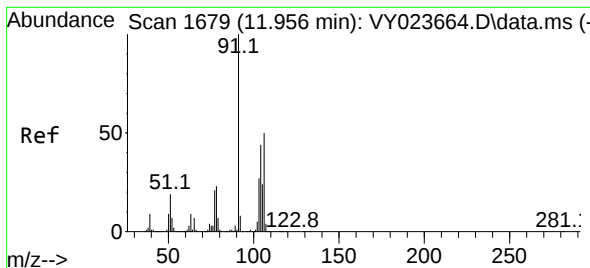
Tgt Ion:106 Resp: 1232148

Ion Ratio Lower Upper

106 100

91 196.0 154.3 231.5

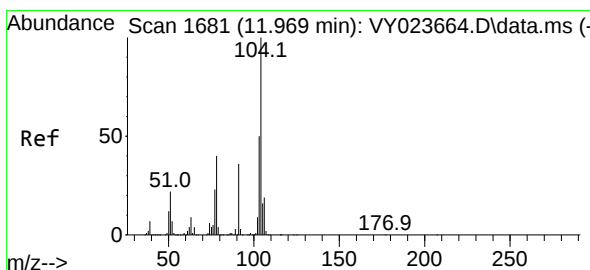
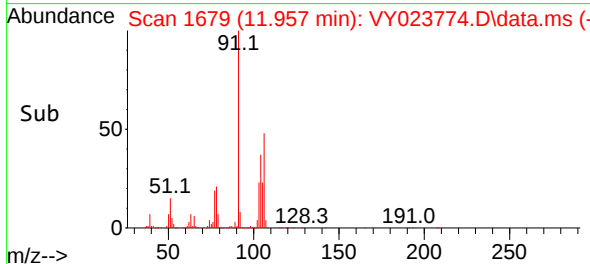
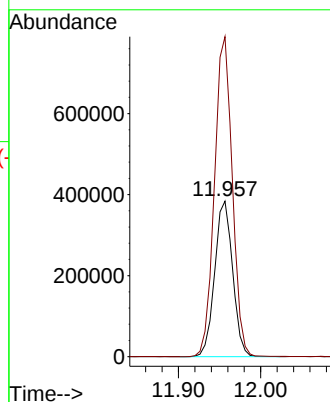
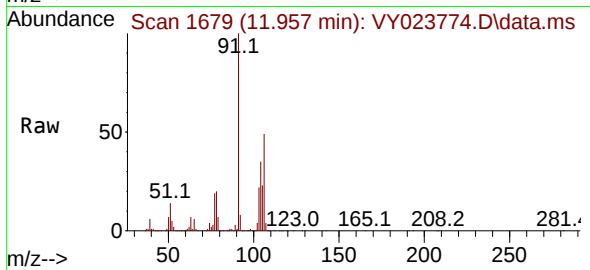




#69
o-Xylene
Concen: 56.973 ug/l
RT: 11.957 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

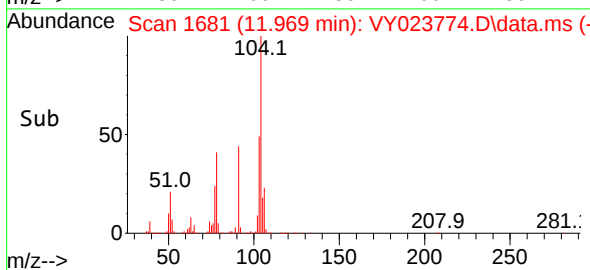
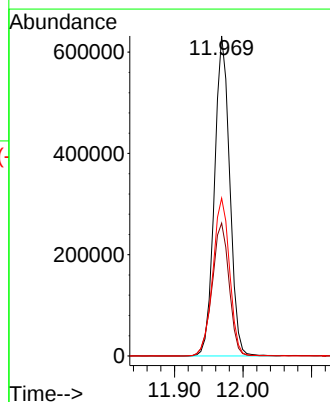
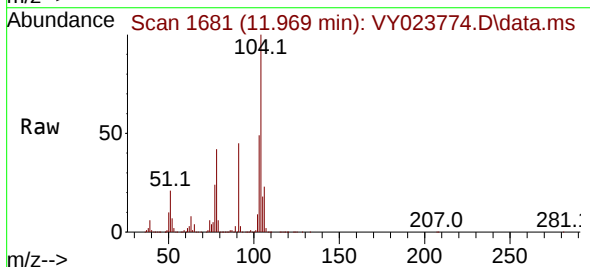
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

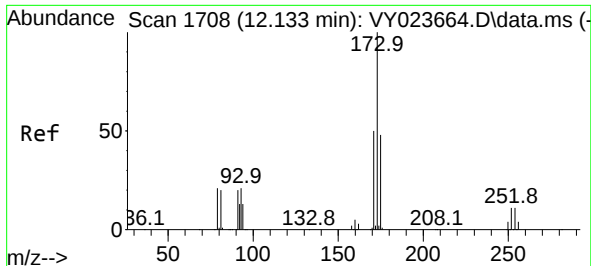
Tgt Ion:106 Resp: 583473
Ion Ratio Lower Upper
106 100
91 204.7 101.6 304.6



#70
Styrene
Concen: 57.707 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion:104 Resp: 975092
Ion Ratio Lower Upper
104 100
78 46.2 36.5 54.7
103 54.0 43.7 65.5

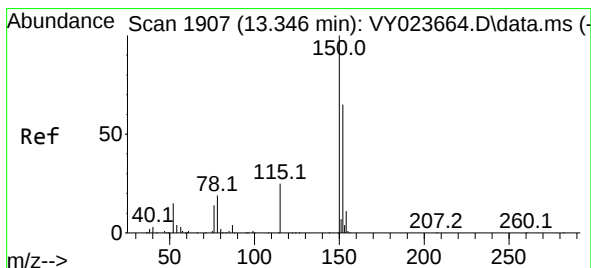
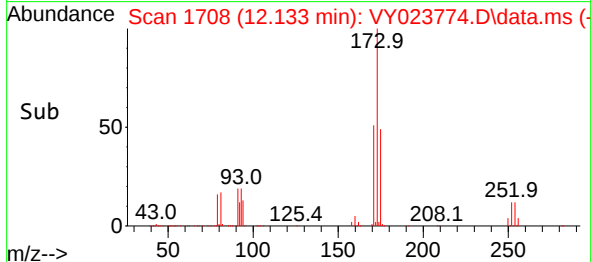
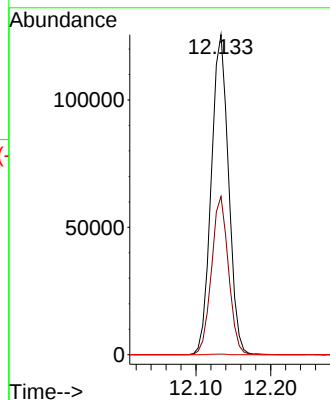
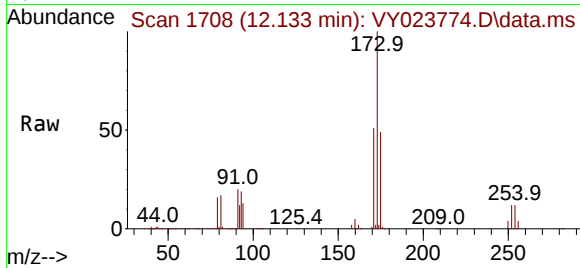




#71
Bromoform
Concen: 57.012 ug/l
RT: 12.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

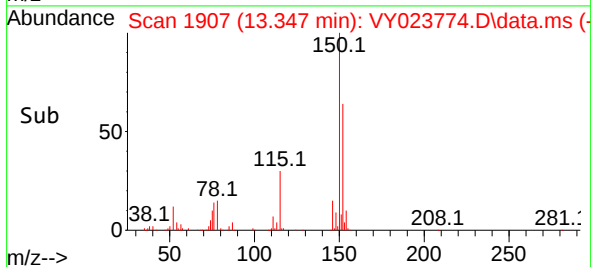
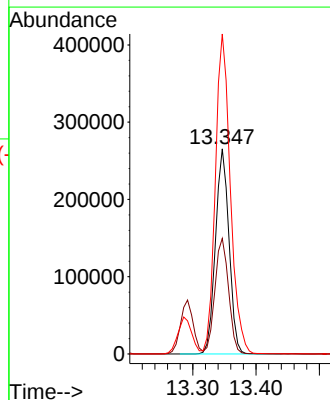
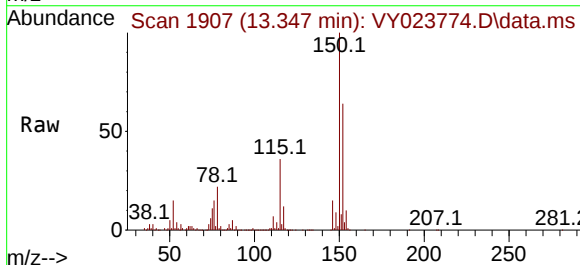
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

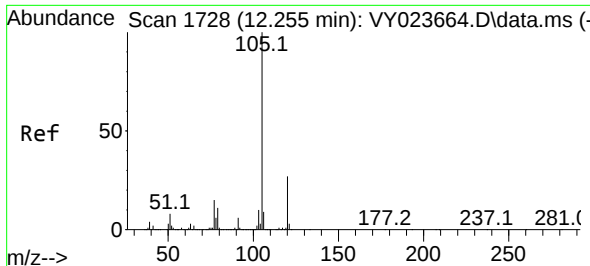
Tgt Ion:173 Resp: 201730
Ion Ratio Lower Upper
173 100
175 48.5 24.2 72.6
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion:152 Resp: 393514
Ion Ratio Lower Upper
152 100
115 56.8 27.5 82.5
150 172.3 0.0 349.0

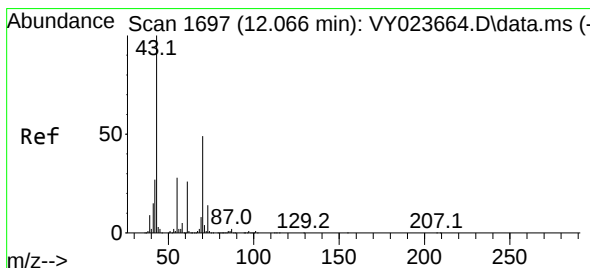
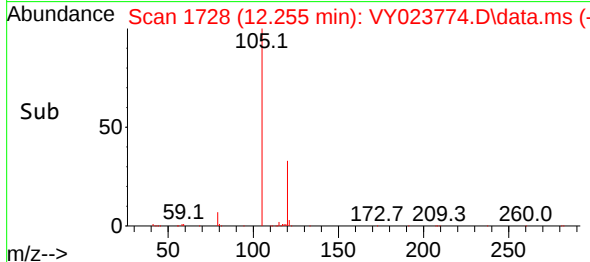
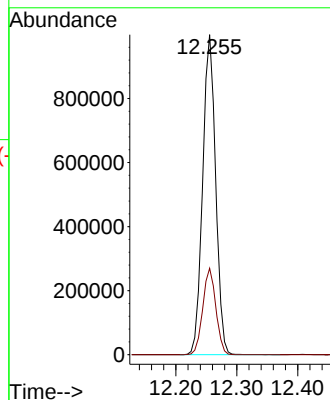
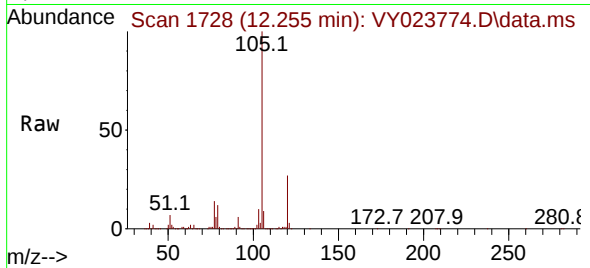




#73
Isopropylbenzene
Concen: 56.286 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

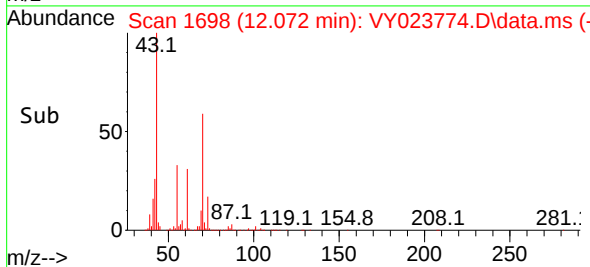
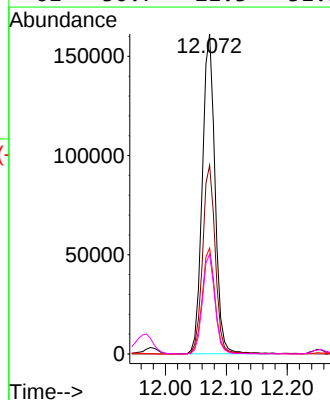
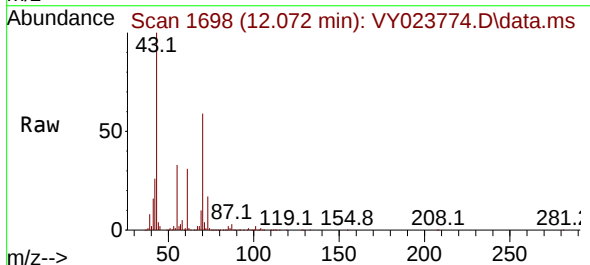
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

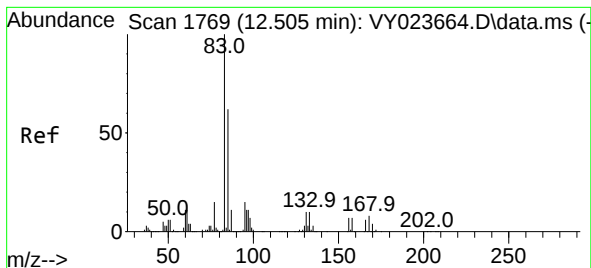
Tgt Ion:105 Resp: 1481388
Ion Ratio Lower Upper
105 100
120 27.1 13.6 40.7



#74
N-ethyl acetate
Concen: 52.419 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 43 Resp: 233575
Ion Ratio Lower Upper
43 100
70 59.0 40.1 60.1
55 33.6 23.0 34.6
61 30.7 21.3 31.9

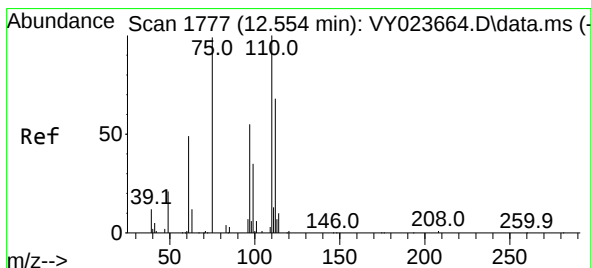
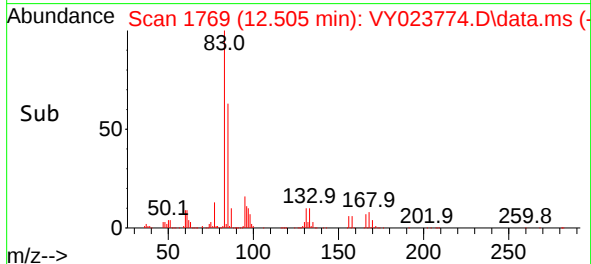
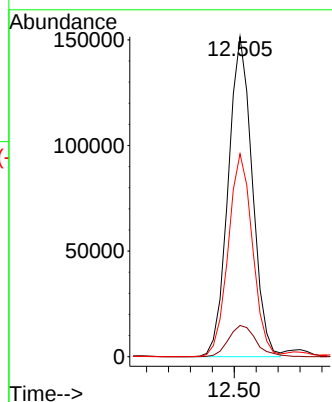
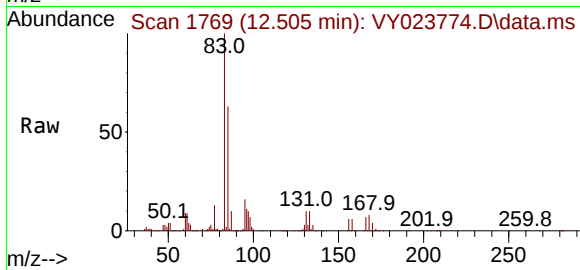




#75
1,1,2,2-Tetrachloroethane
Concen: 55.023 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

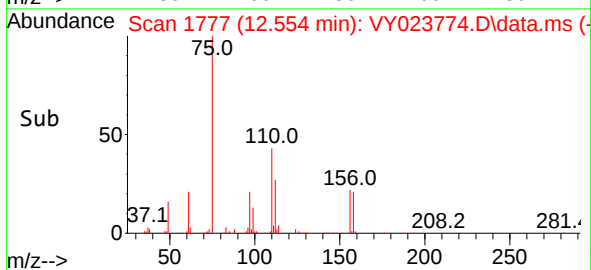
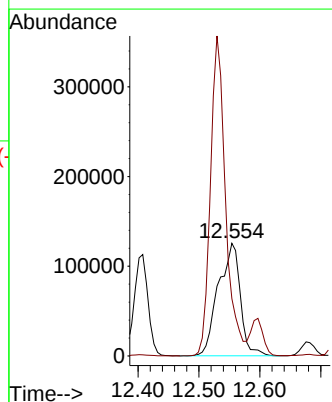
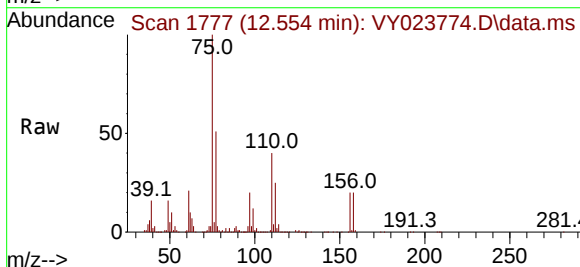
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

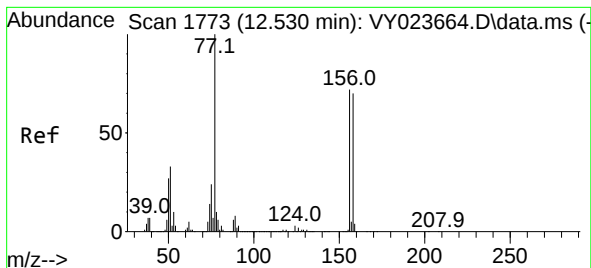
Tgt Ion: 83 Resp: 231287
Ion Ratio Lower Upper
83 100
131 11.1 5.7 17.0
85 63.9 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 98.685 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 75 Resp: 314286
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.672 ug/l

RT: 12.530 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

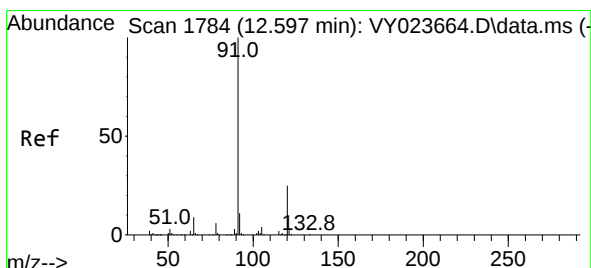
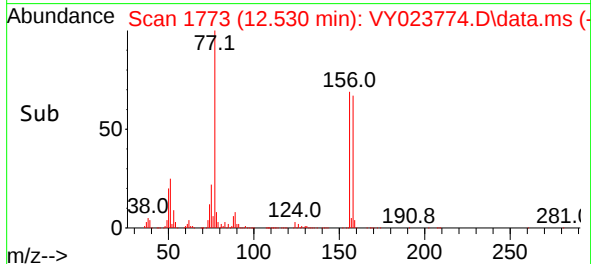
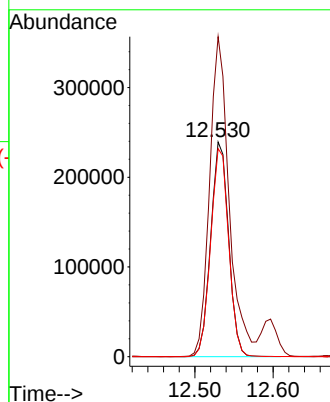
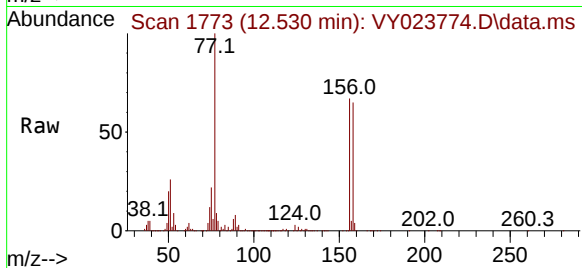
Tgt Ion:156 Resp: 380070

Ion Ratio Lower Upper

156 100

77 161.4 77.9 233.7

158 97.7 48.5 145.5



#78

n-propylbenzene

Concen: 55.169 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY023774.D

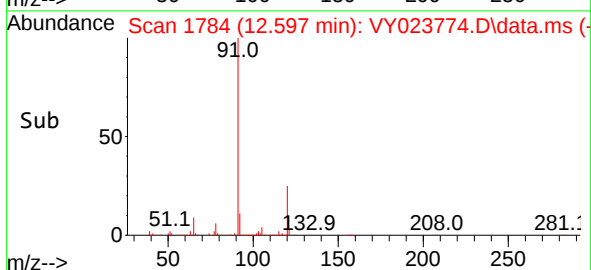
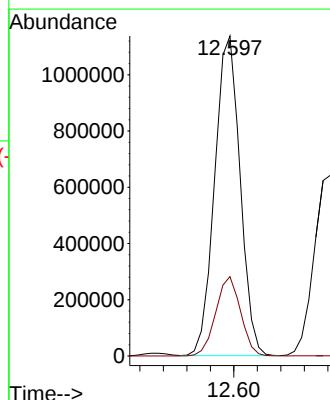
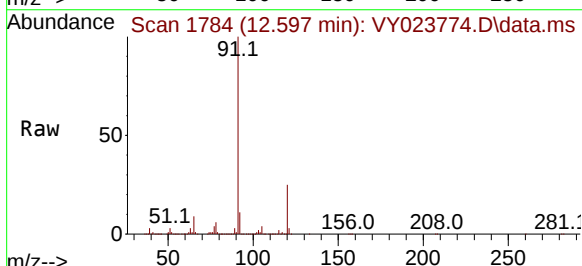
Acq: 13 Nov 2025 09:48

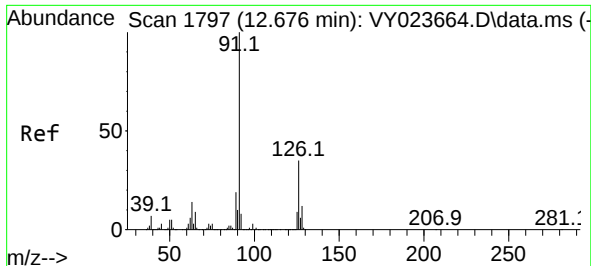
Tgt Ion: 91 Resp: 1707917

Ion Ratio Lower Upper

91 100

120 24.3 12.0 36.1

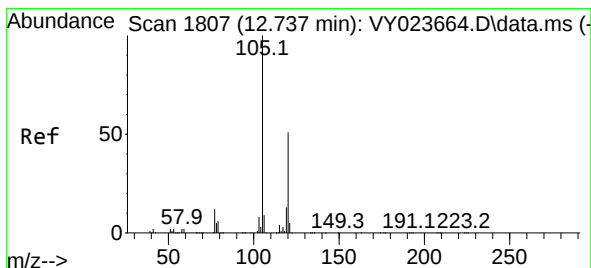
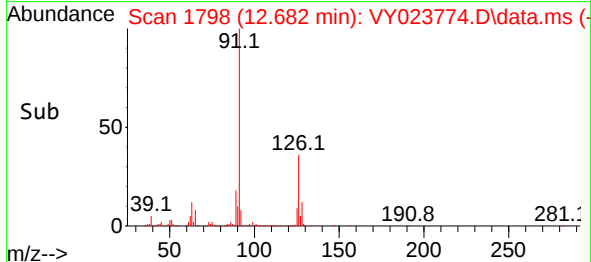
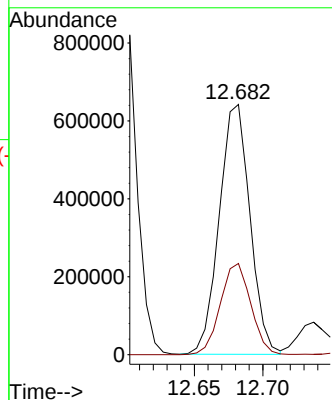
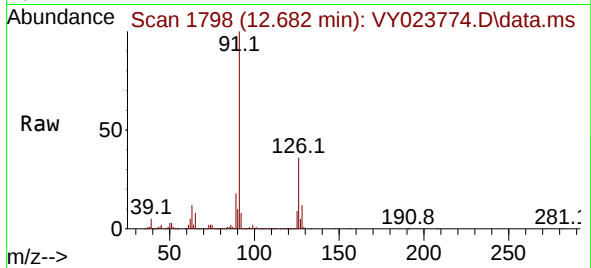




#79
2-Chlorotoluene
Concen: 55.766 ug/l
RT: 12.682 min Scan# 1797
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

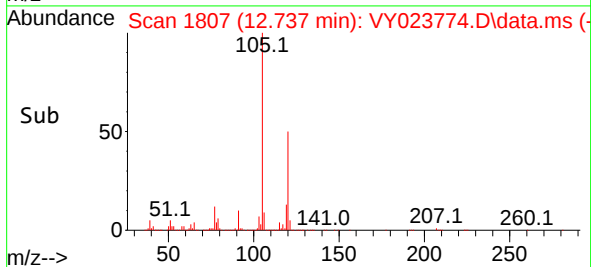
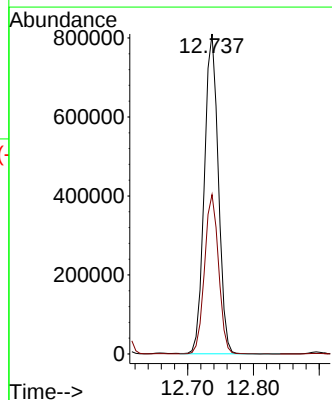
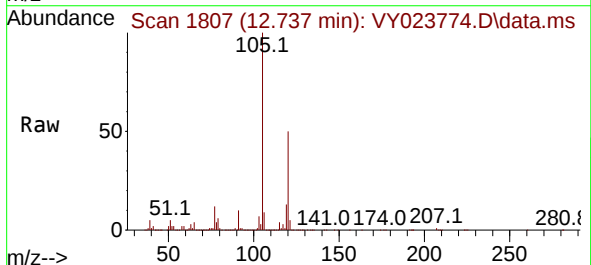
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

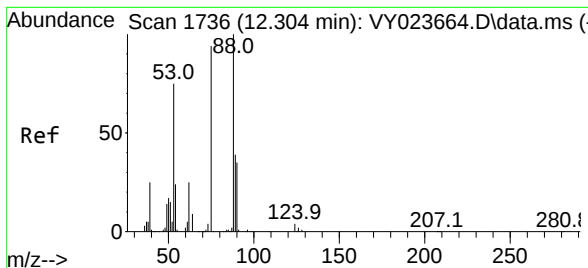
Tgt Ion: 91 Resp: 1001802
Ion Ratio Lower Upper
91 100
126 36.1 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 55.910 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 105 Resp: 1195577
Ion Ratio Lower Upper
105 100
120 49.9 25.4 76.2

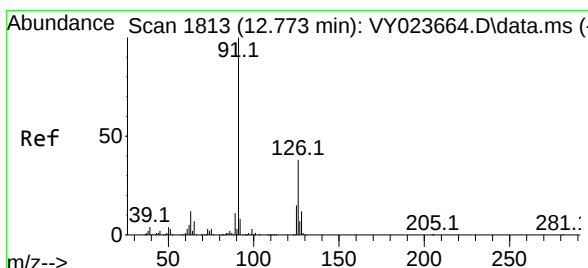
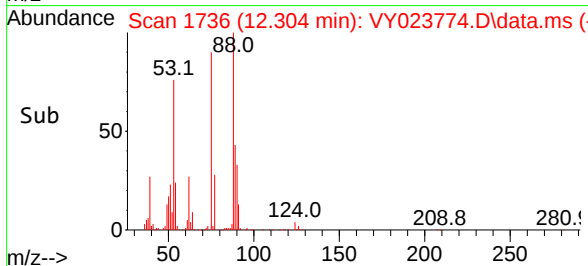
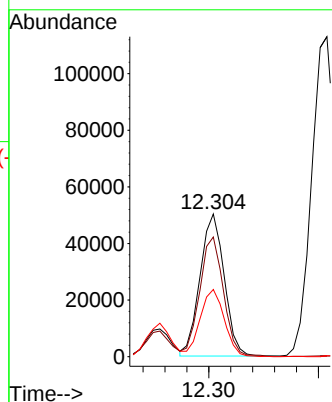
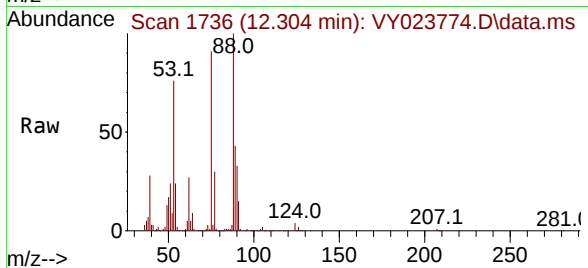




#81
trans-1,4-Dichloro-2-butene
Concen: 54.684 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

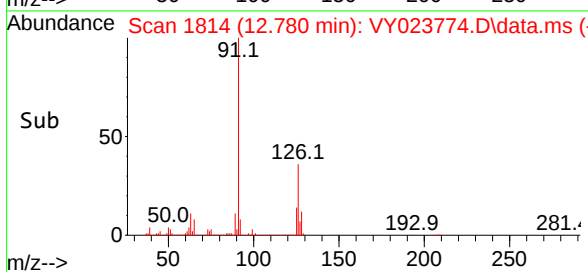
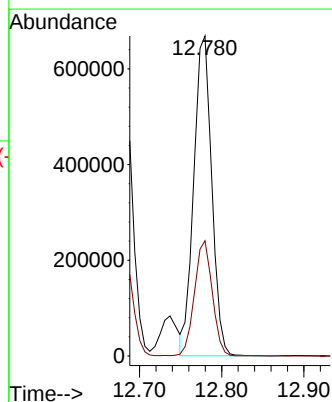
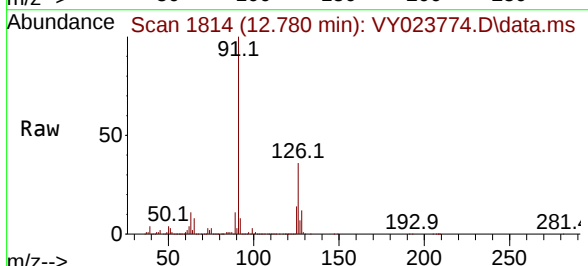
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

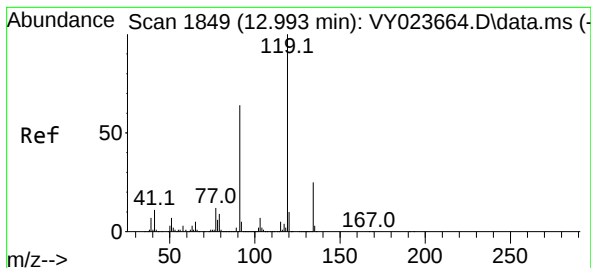
Tgt Ion: 75 Resp: 77062
Ion Ratio Lower Upper
75 100
53 83.1 69.6 104.4
89 47.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 54.680 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.006 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion: 91 Resp: 1013044
Ion Ratio Lower Upper
91 100
126 35.8 18.1 54.4





#83

tert-Butylbenzene

Concen: 51.679 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

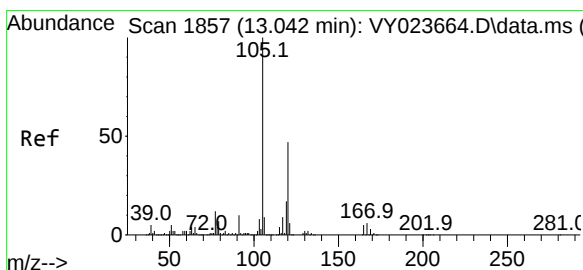
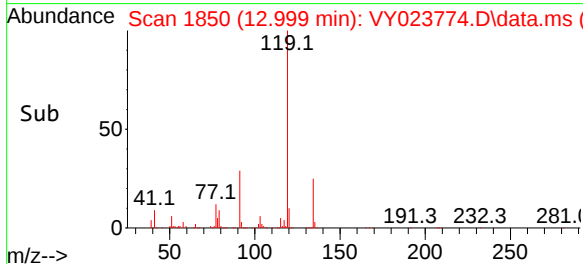
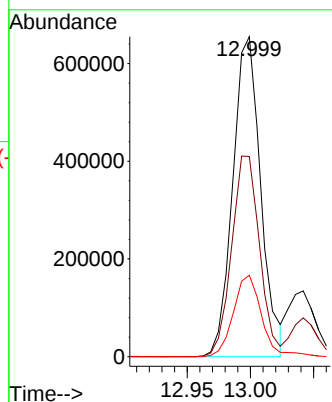
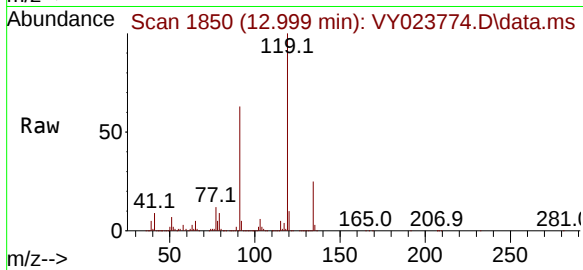
Tgt Ion:119 Resp: 1006497

Ion Ratio Lower Upper

119 100

91 62.8 30.7 92.1

134 25.8 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 54.360 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY023774.D

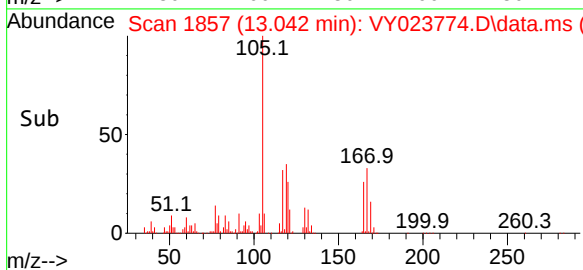
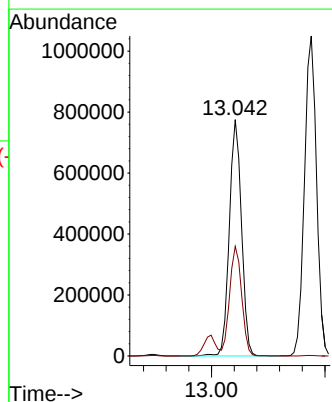
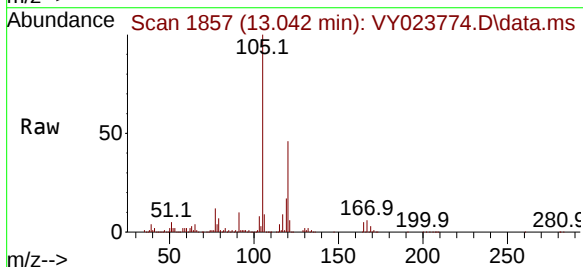
Acq: 13 Nov 2025 09:48

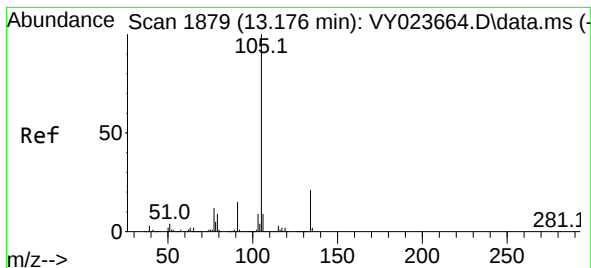
Tgt Ion:105 Resp: 1151348

Ion Ratio Lower Upper

105 100

120 45.8 23.2 69.6

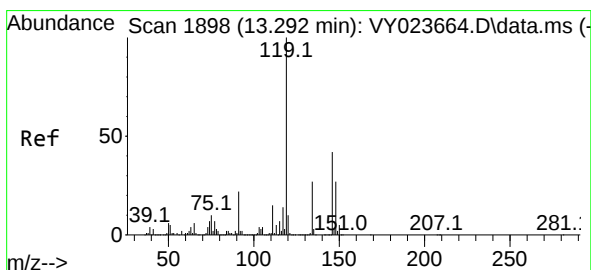
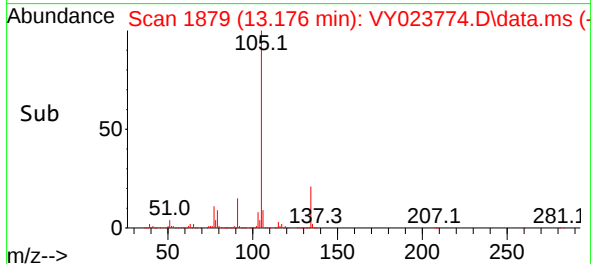
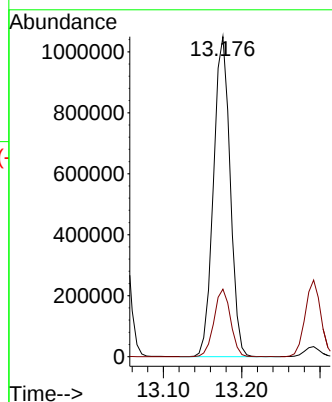
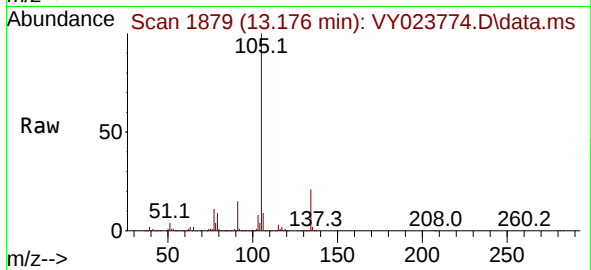




#85
sec-Butylbenzene
Concen: 55.127 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

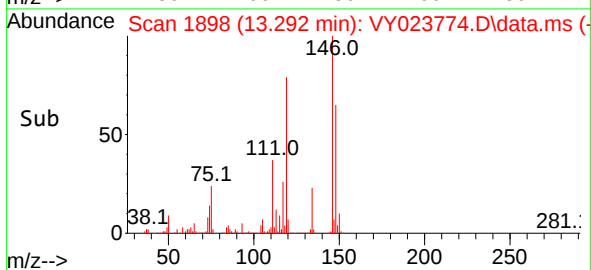
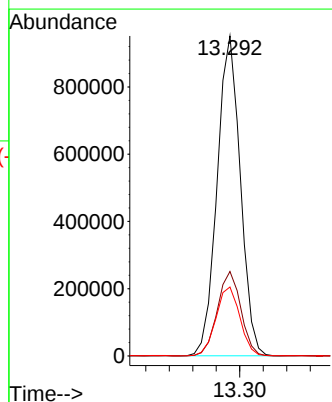
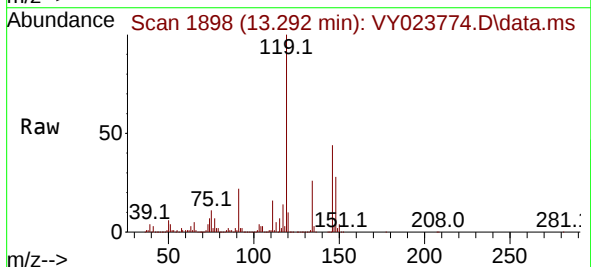
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

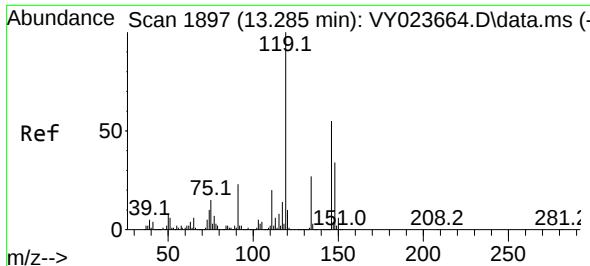
Tgt Ion:105 Resp: 1548572
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.4



#86
p-Isopropyltoluene
Concen: 54.967 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.000 min
Lab File: VY023774.D
Acq: 13 Nov 2025 09:48

Tgt Ion:119 Resp: 1307126
Ion Ratio Lower Upper
119 100
134 26.7 13.4 40.2
91 22.2 11.1 33.1





#87

1,3-Dichlorobenzene

Concen: 52.033 ug/l

RT: 13.286 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

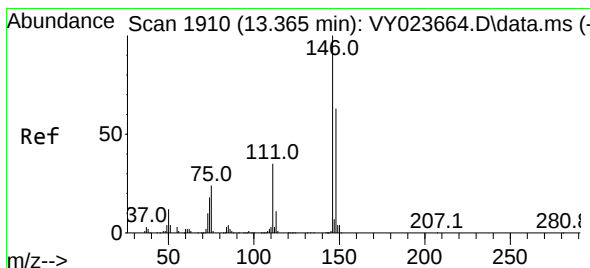
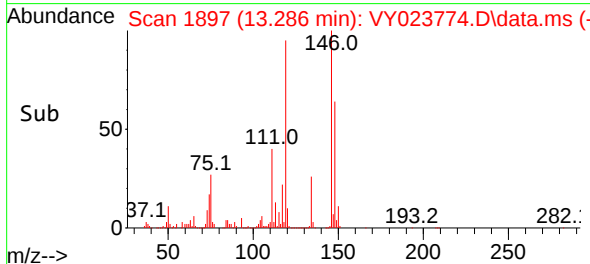
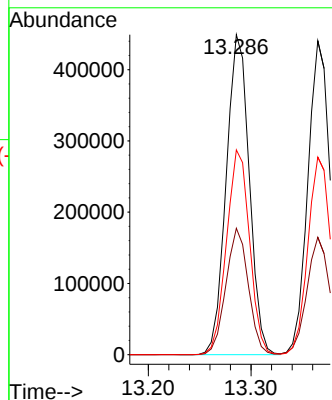
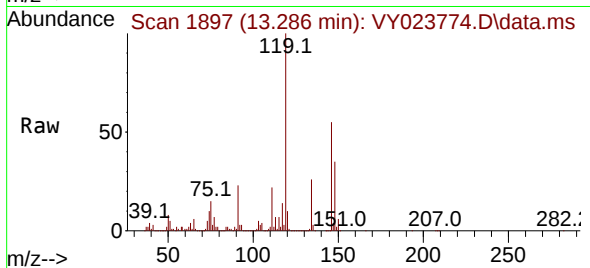
Tgt Ion:146 Resp: 699161

Ion Ratio Lower Upper

146 100

111 38.4 18.8 56.3

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 50.702 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

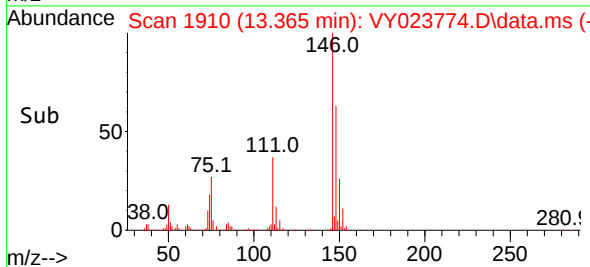
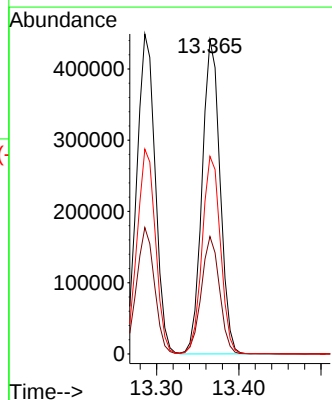
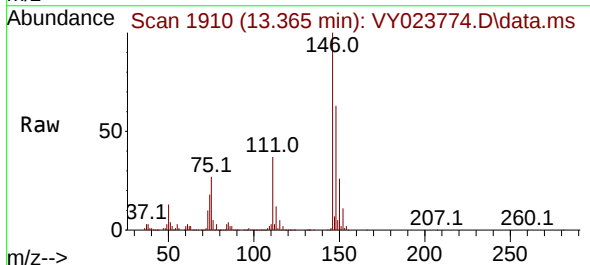
Tgt Ion:146 Resp: 669229

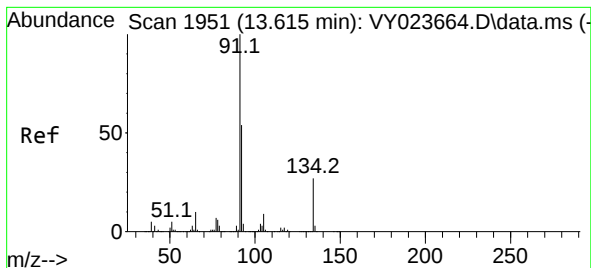
Ion Ratio Lower Upper

146 100

111 37.8 18.3 54.8

148 64.1 31.8 95.3





#89

n-Butylbenzene

Concen: 55.085 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

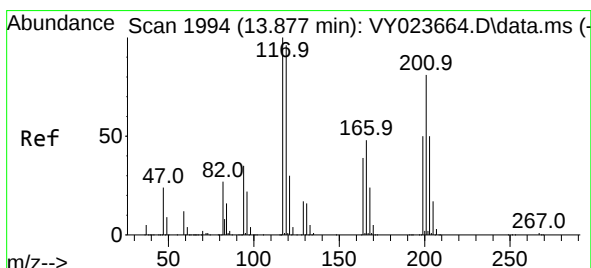
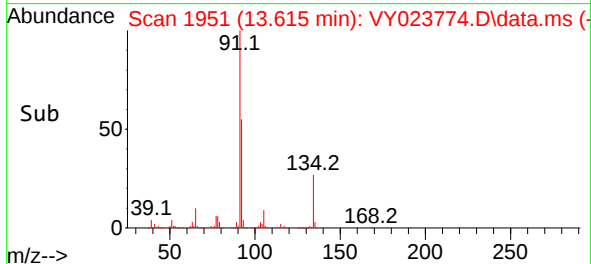
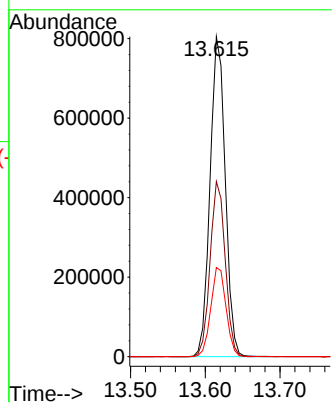
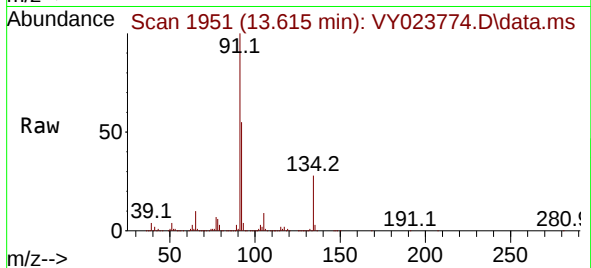
MSVOA_Y

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1139075

Ion	Ratio	Lower	Upper
91	100		
92	54.4	26.5	79.4
134	28.0	13.7	41.1



#90

Hexachloroethane

Concen: 50.701 ug/l

RT: 13.877 min Scan# 1994

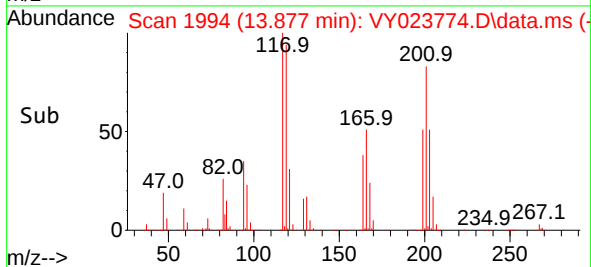
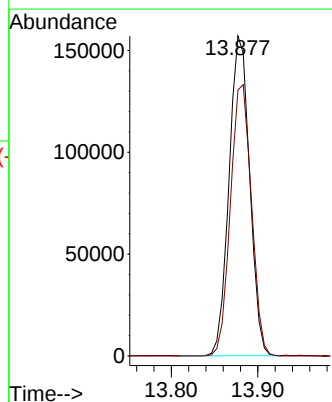
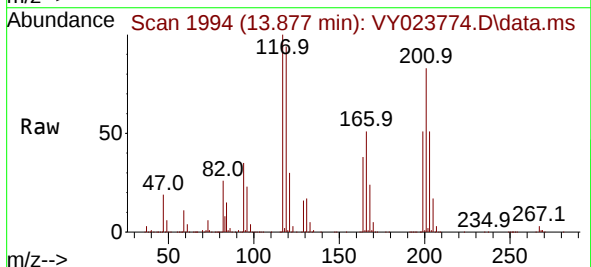
Delta R.T. 0.000 min

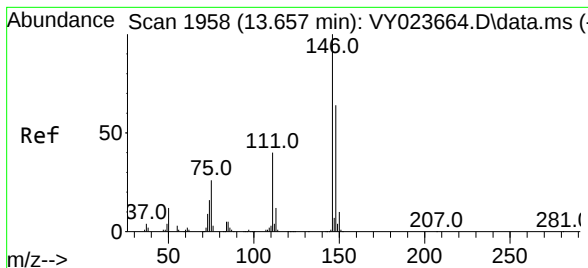
Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Tgt Ion: 117 Resp: 259100

Ion	Ratio	Lower	Upper
117	100		
201	86.5	42.3	126.8





#91

1,2-Dichlorobenzene

Concen: 51.320 ug/l

RT: 13.658 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

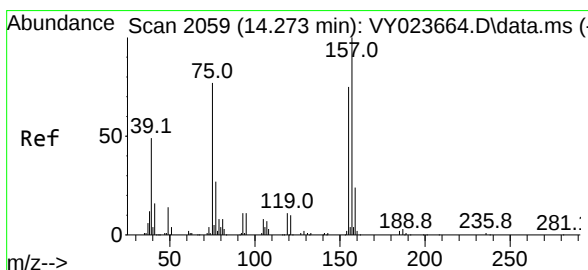
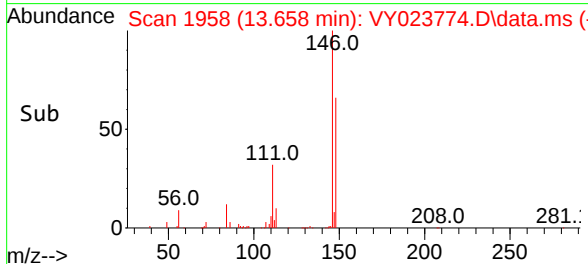
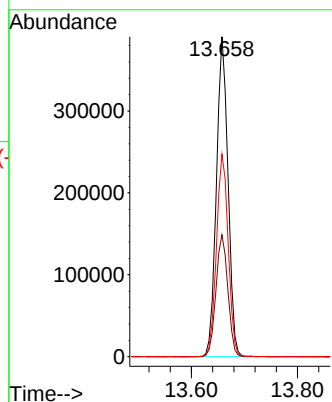
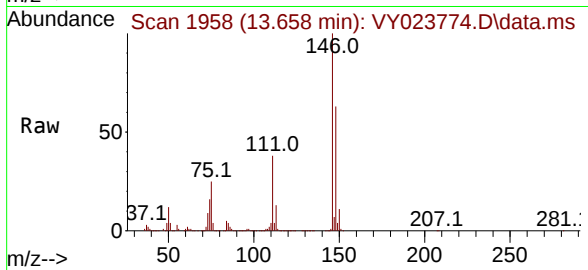
Tgt Ion:146 Resp: 594274

Ion Ratio Lower Upper

146 100

111 38.9 19.5 58.5

148 64.2 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.594 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

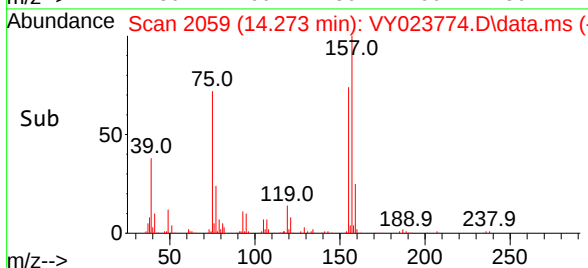
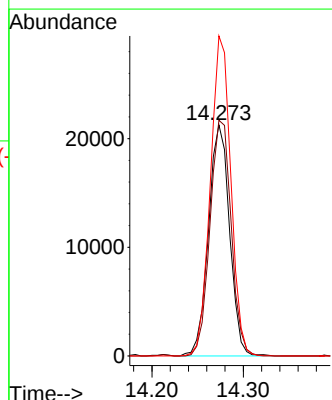
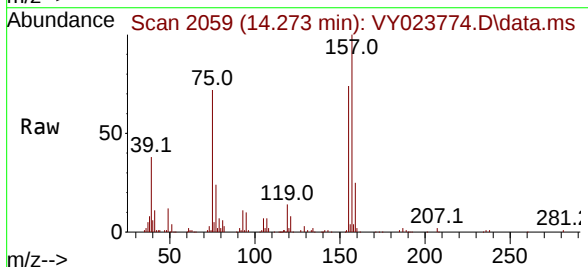
Tgt Ion: 75 Resp: 34039

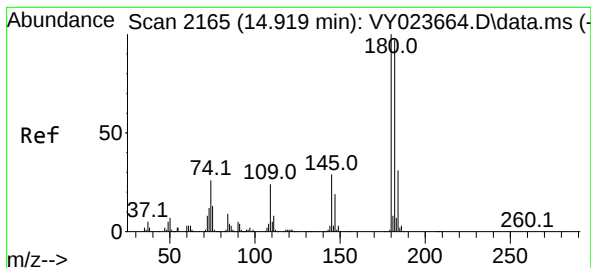
Ion Ratio Lower Upper

75 100

155 102.6 49.4 148.2

157 133.9 63.2 189.8





#93

1,2,4-Trichlorobenzene

Concen: 51.597 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

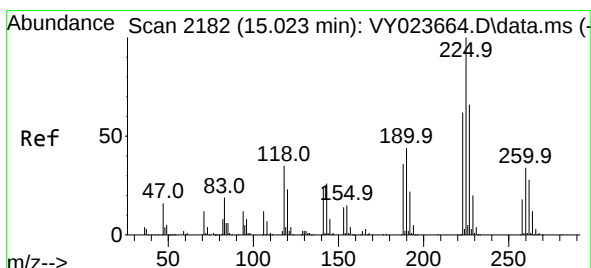
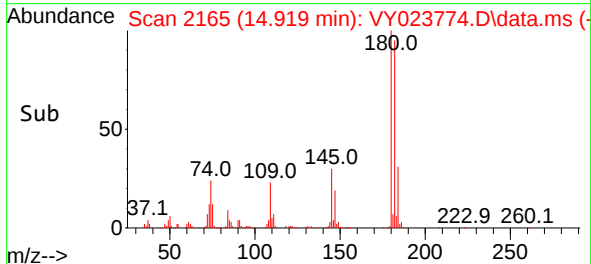
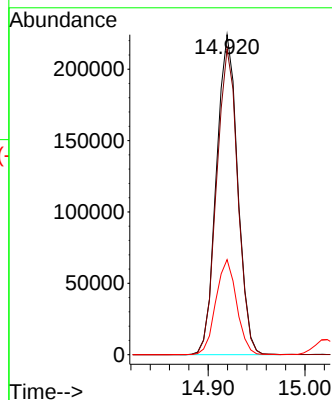
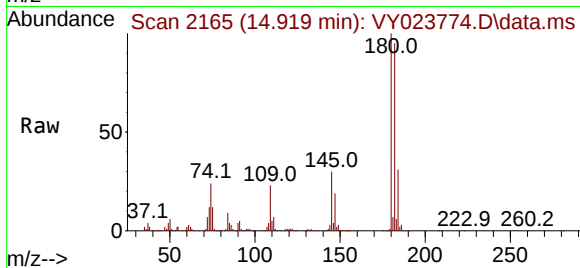
Tgt Ion:180 Resp: 341751

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 29.1 14.4 43.4



#94

Hexachlorobutadiene

Concen: 45.727 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

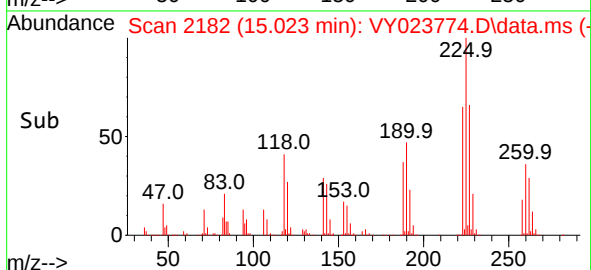
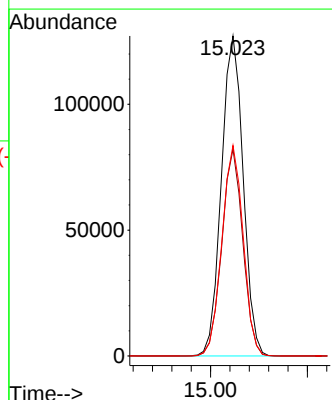
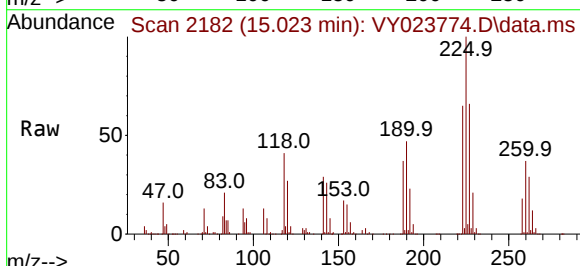
Tgt Ion:225 Resp: 198442

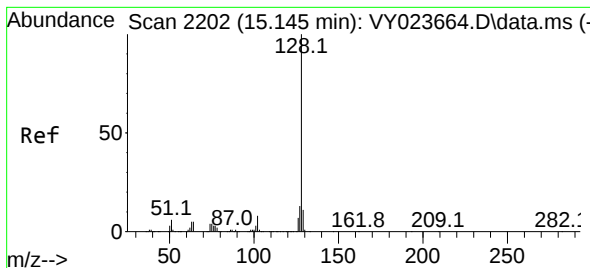
Ion Ratio Lower Upper

225 100

223 62.4 30.8 92.3

227 64.4 32.0 96.2





#95

Naphthalene

Concen: 42.886 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

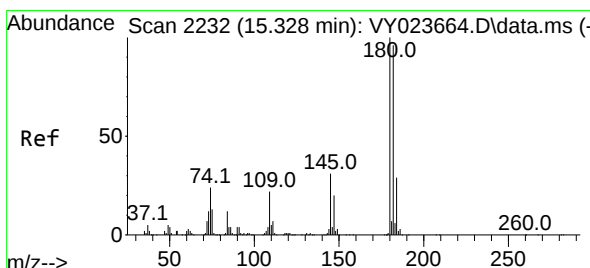
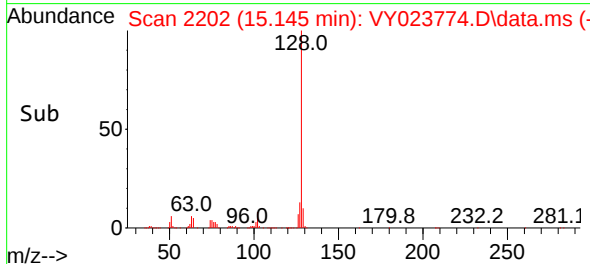
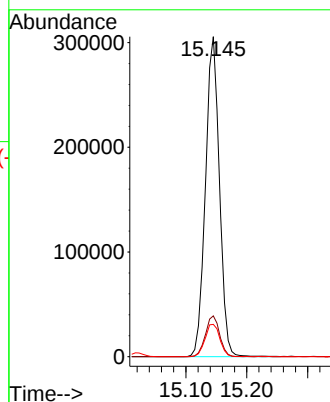
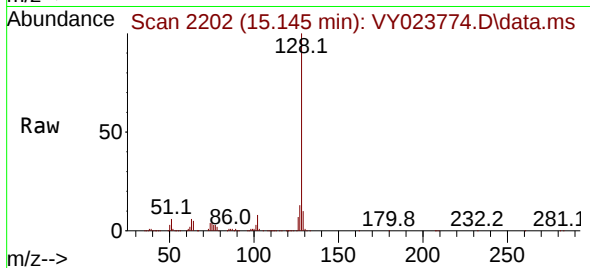
Tgt Ion:128 Resp: 486905

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 47.665 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY023774.D

Acq: 13 Nov 2025 09:48

Tgt Ion:180 Resp: 263770

Ion Ratio Lower Upper

180 100

182 95.3 47.5 142.6

145 30.9 15.5 46.5

