

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
 Data File : VY023015.D
 Acq On : 21 Jul 2025 10:08
 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: Jul 22 04:45:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071825S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 19 01:50:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	466550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	745278	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	646276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	315391	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	231681	49.053	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.100%
35) Dibromofluoromethane	7.634	113	218952	46.314	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.620%
50) Toluene-d8	10.103	98	870592	46.437	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.880%
62) 4-Bromofluorobenzene	12.401	95	278747	47.233	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	163705	41.324	ug/l	99
3) Chloromethane	2.068	50	352290	52.299	ug/l	100
4) Vinyl Chloride	2.202	62	405558	47.523	ug/l	100
5) Bromomethane	2.592	94	303773	49.321	ug/l	99
6) Chloroethane	2.732	64	278231	48.816	ug/l	98
7) Trichlorofluoromethane	3.049	101	472524	47.699	ug/l	100
8) Diethyl Ether	3.452	74	118699	45.781	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.811	101	229719	44.142	ug/l	99
10) Methyl Iodide	4.000	142	228734	42.309	ug/l	98
11) Tert butyl alcohol	4.891	59	78484	274.768	ug/l	99
12) 1,1-Dichloroethene	3.787	96	218813	44.137	ug/l	99
13) Acrolein	3.653	56	16336	121.709	ug/l	98
14) Allyl chloride	4.385	41	349805	46.315	ug/l	99
15) Acrylonitrile	5.055	53	264216	269.039	ug/l	99
16) Acetone	3.879	43	246194	287.564	ug/l	100
17) Carbon Disulfide	4.104	76	659160	43.871	ug/l	99
18) Methyl Acetate	4.385	43	164914	56.897	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	590328	49.645	ug/l	98
20) Methylene Chloride	4.610	84	273604	44.522	ug/l	98
21) trans-1,2-Dichloroethene	5.110	96	249633	45.236	ug/l	99
22) Diisopropyl ether	6.018	45	773708	48.287	ug/l	99
23) Vinyl Acetate	5.957	43	2112837	261.701	ug/l	99
24) 1,1-Dichloroethane	5.915	63	462627	45.968	ug/l	99
25) 2-Butanone	6.896	43	351847	286.473	ug/l	100
26) 2,2-Dichloropropane	6.884	77	410339	46.522	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	290970	45.750	ug/l	98
28) Bromochloromethane	7.244	49	192517	49.320	ug/l	98
29) Tetrahydrofuran	7.268	42	214487	275.830	ug/l	99
30) Chloroform	7.421	83	465833	45.883	ug/l	100
31) Cyclohexane	7.701	56	407632	43.348	ug/l	99
32) 1,1,1-Trichloroethane	7.616	97	415153	45.068	ug/l	99
36) 1,1-Dichloropropene	7.835	75	342303	45.967	ug/l	100
37) Ethyl Acetate	6.982	43	145321	52.544	ug/l	99
38) Carbon Tetrachloride	7.817	117	367135	45.380	ug/l	98
39) Methylcyclohexane	9.109	83	438429	45.487	ug/l	98
40) Benzene	8.079	78	1042640	46.502	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	88958	59.045	ug/l	92
42) 1,2-Dichloroethane	8.158	62	279220	50.055	ug/l	100
43) Isopropyl Acetate	8.195	43	300111	54.629	ug/l #	87
44) Trichloroethene	8.865	130	267268	46.410	ug/l	100
45) 1,2-Dichloropropane	9.140	63	246776	47.131	ug/l	100
46) Dibromomethane	9.231	93	134753	49.790	ug/l	99
47) Bromodichloromethane	9.420	83	358051	47.861	ug/l	100
48) Methyl methacrylate	9.219	41	147249	55.518	ug/l	100
49) 1,4-Dioxane	9.237	88	32221	1129.451	ug/l	95
51) 4-Methyl-2-Pentanone	9.999	43	804002	288.338	ug/l	100
52) Toluene	10.170	92	659183	47.287	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	328119	51.095	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	375614	48.527	ug/l	99
55) 1,1,2-Trichloroethane	10.572	97	177418	49.876	ug/l	99
56) Ethyl methacrylate	10.438	69	241078	54.291	ug/l	99
57) 1,3-Dichloropropane	10.719	76	310300	50.497	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	598615	275.393	ug/l	99
59) 2-Hexanone	10.761	43	547928	298.947	ug/l	99
60) Dibromochloromethane	10.908	129	232680	49.953	ug/l	99
61) 1,2-Dibromoethane	11.011	107	166085	51.415	ug/l	100
64) Tetrachloroethene	10.646	164	310183	46.956	ug/l	97
65) Chlorobenzene	11.438	112	706161	46.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	235455	45.267	ug/l	100
67) Ethyl Benzene	11.517	91	1258041	46.541	ug/l	99
68) m/p-Xylenes	11.627	106	966289	93.198	ug/l	100
69) o-Xylene	11.956	106	454809	47.267	ug/l	98
70) Styrene	11.969	104	753693	47.820	ug/l	100
71) Bromoform	12.133	173	134080	50.776	ug/l	98
73) Isopropylbenzene	12.255	105	1183789	44.271	ug/l	100
74) N-amyl acetate	12.072	43	269180	53.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.505	83	184767	47.749	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	271958	69.200	ug/l #	100
77) Bromobenzene	12.529	156	262574	45.276	ug/l	98
78) n-propylbenzene	12.597	91	1455137	45.698	ug/l	100
79) 2-Chlorotoluene	12.676	91	803482	44.865	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	961475	45.590	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	65951	49.983	ug/l	99
82) 4-Chlorotoluene	12.773	91	837576	46.371	ug/l	100
83) tert-Butylbenzene	12.993	119	863185	45.312	ug/l	100
84) 1,2,4-Trimethylbenzene	13.042	105	962658	46.371	ug/l	100
85) sec-Butylbenzene	13.176	105	1304191	45.684	ug/l	100
86) p-Isopropyltoluene	13.291	119	1073149	46.286	ug/l	99
87) 1,3-Dichlorobenzene	13.285	146	532686	45.514	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	513938	45.391	ug/l	100
89) n-Butylbenzene	13.615	91	1009588	47.189	ug/l	100
90) Hexachloroethane	13.877	117	213851	44.550	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	459820	46.577	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	31393	54.638	ug/l	96
93) 1,2,4-Trichlorobenzene	14.919	180	258596	49.693	ug/l	99
94) Hexachlorobutadiene	15.023	225	149247	45.491	ug/l	100
95) Naphthalene	15.145	128	470535	56.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	220477	51.312	ug/l	100

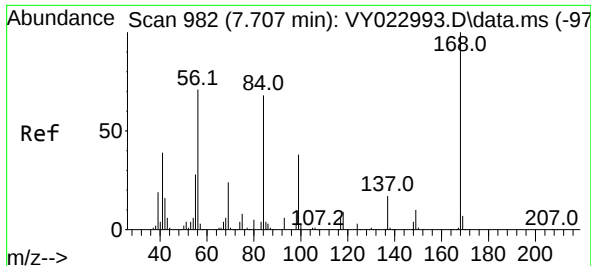
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072125\
Data File : VY023015.D
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Response via : Initial Calibration

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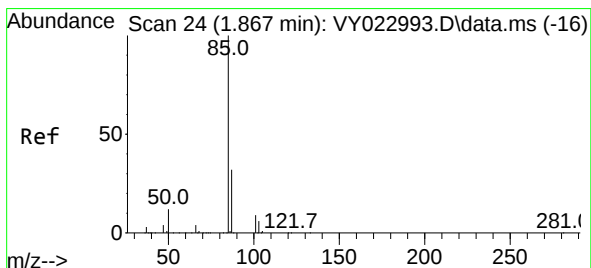
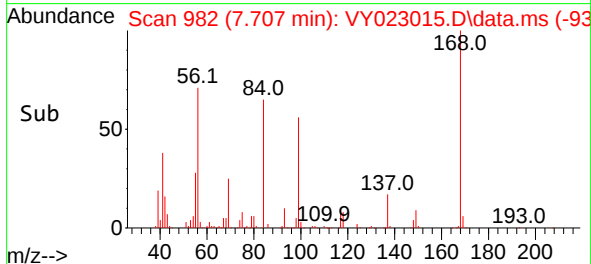
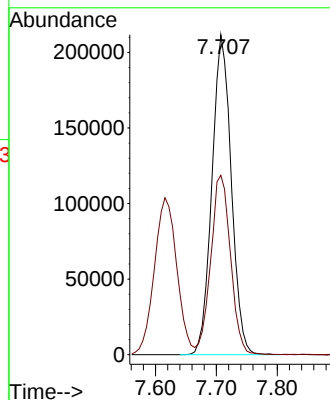
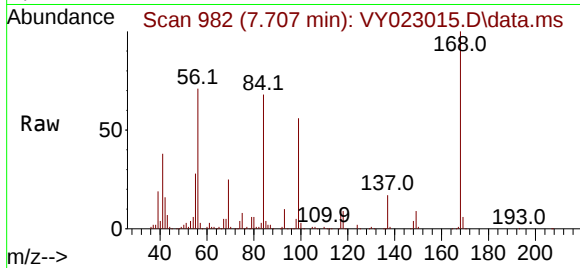
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

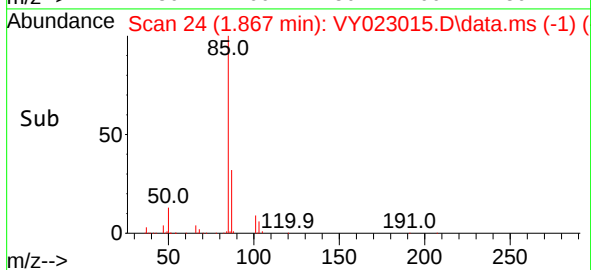
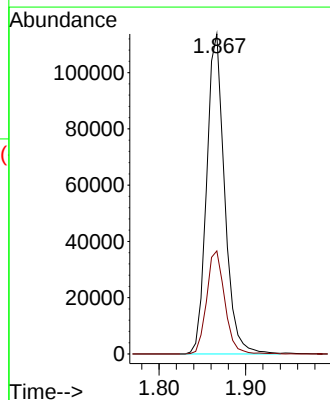
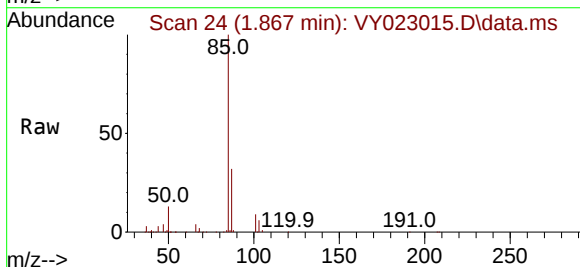
Instrument :
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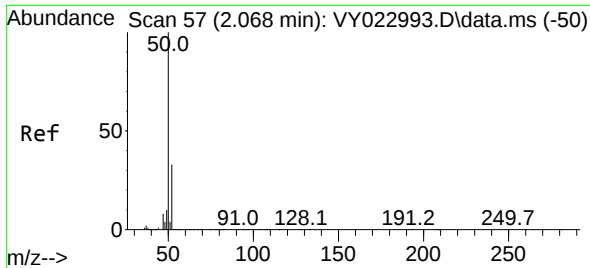
Tgt Ion:168 Resp: 466550
Ion Ratio Lower Upper
168 100
99 56.0 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 41.324 ug/l
RT: 1.867 min Scan# 24
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 85 Resp: 163705
Ion Ratio Lower Upper
85 100
87 32.2 16.0 47.9

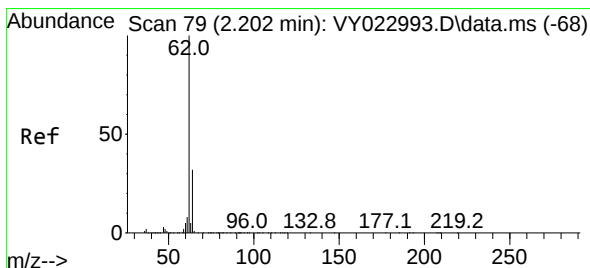
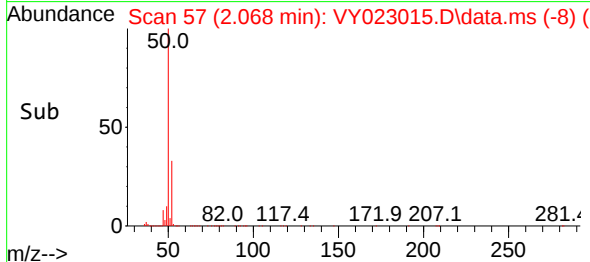
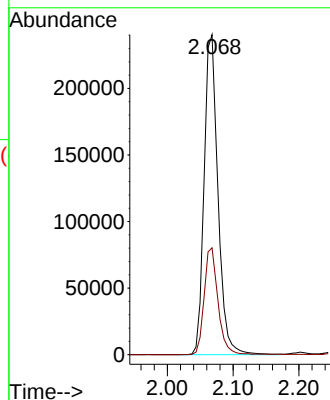
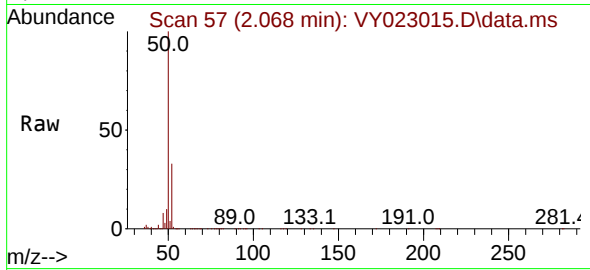




#3
Chloromethane
Concen: 52.299 ug/l
RT: 2.068 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

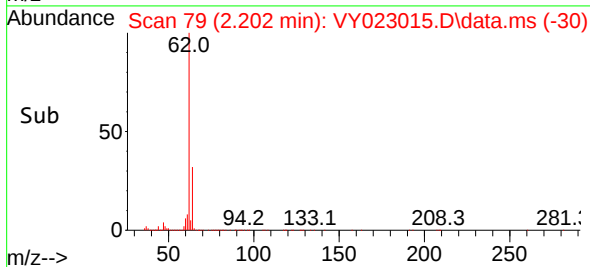
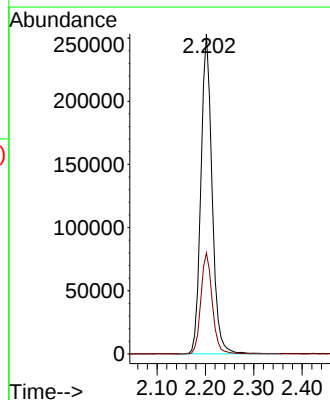
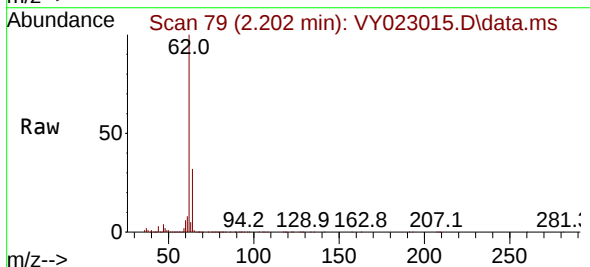
Instrument :
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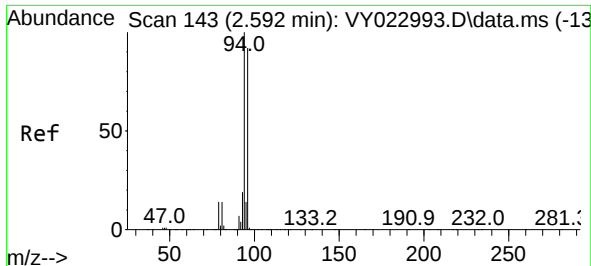
Tgt Ion: 50 Resp: 352290
Ion Ratio Lower Upper
50 100
52 33.4 26.6 39.8



#4
Vinyl Chloride
Concen: 47.523 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 62 Resp: 405558
Ion Ratio Lower Upper
62 100
64 31.6 25.2 37.8

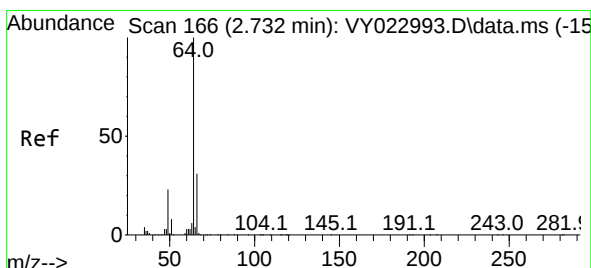
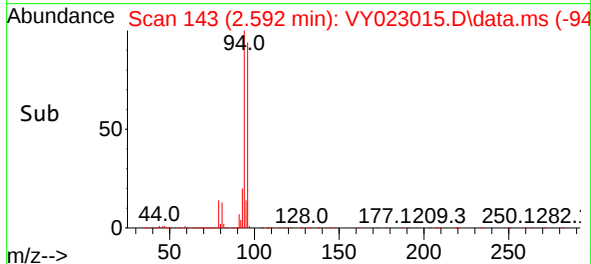
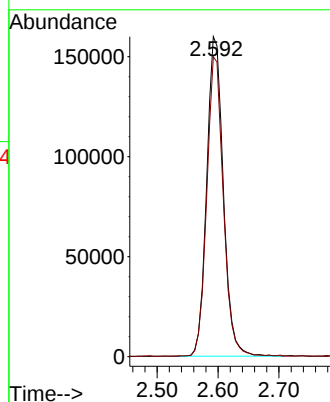
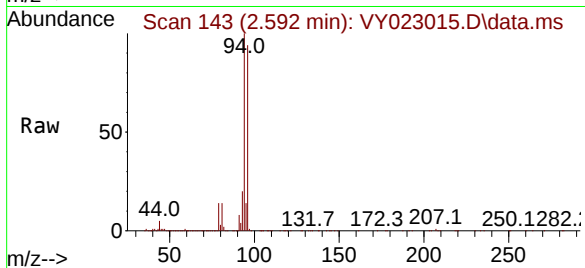




#5
Bromomethane
Concen: 49.321 ug/l
RT: 2.592 min Scan# 143
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

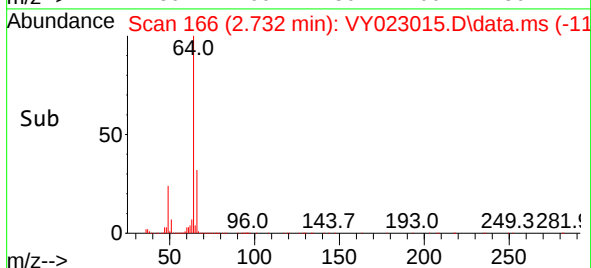
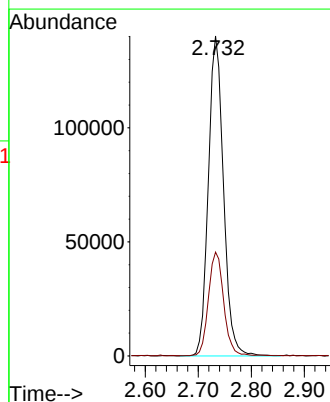
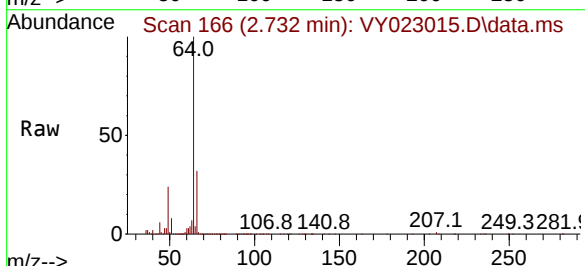
Instrument :
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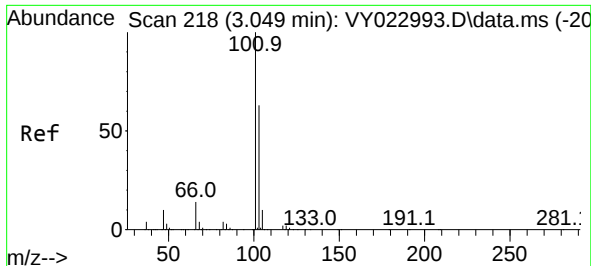
Tgt Ion: 94 Resp: 303773
Ion Ratio Lower Upper
94 100
96 93.6 73.9 110.9



#6
Chloroethane
Concen: 48.816 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 64 Resp: 278231
Ion Ratio Lower Upper
64 100
66 32.3 24.9 37.3

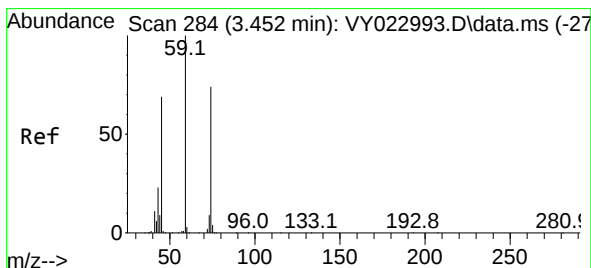
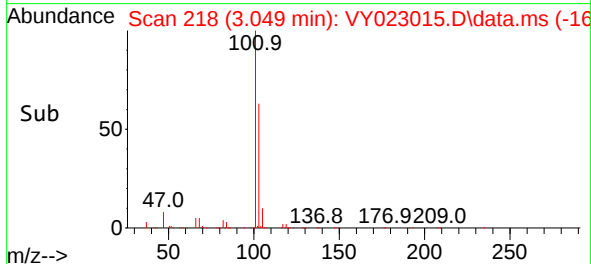
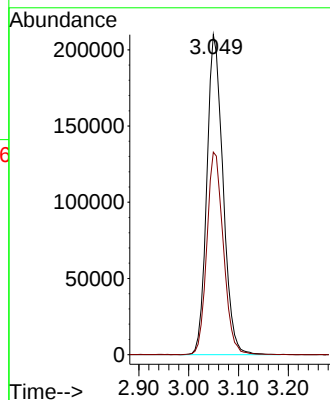
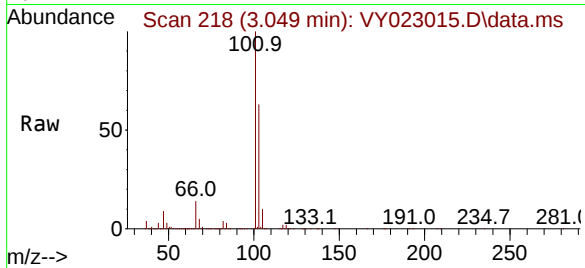




#7
 Trichlorofluoromethane
 Concen: 47.699 ug/l
 RT: 3.049 min Scan# 218
 Delta R.T. -0.000 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

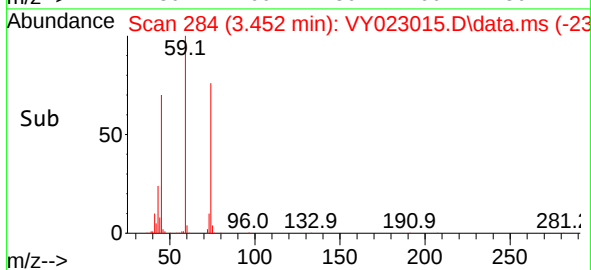
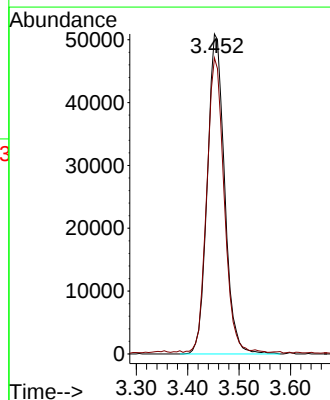
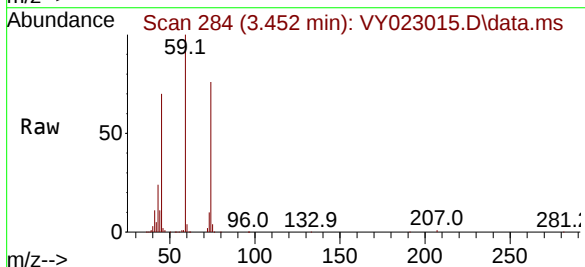
Instrument :
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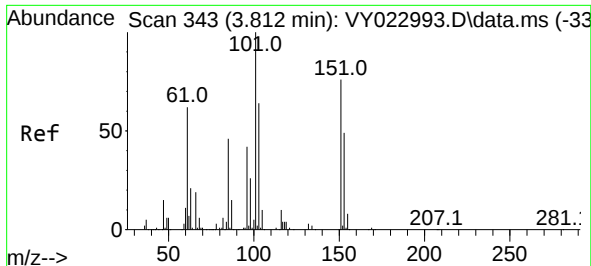
Tgt Ion:101 Resp: 472524
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.7 76.1



#8
 Diethyl Ether
 Concen: 45.781 ug/l
 RT: 3.452 min Scan# 284
 Delta R.T. -0.000 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

Tgt Ion: 74 Resp: 118699
 Ion Ratio Lower Upper
 74 100
 45 92.5 45.1 135.2

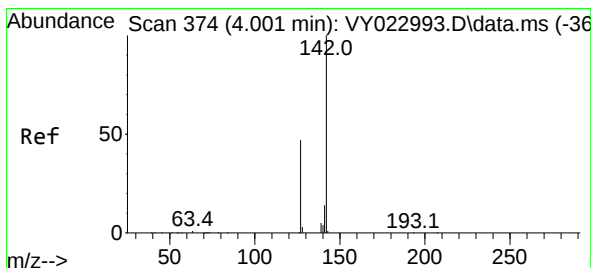
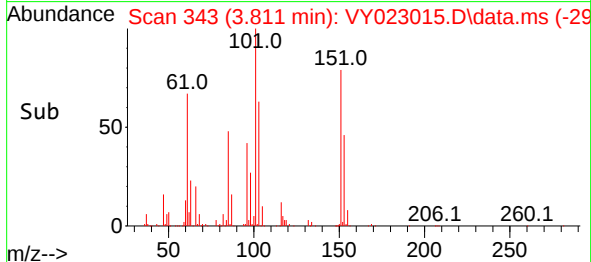
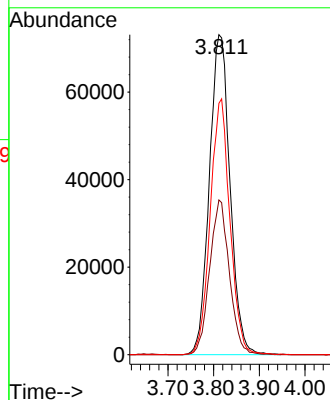
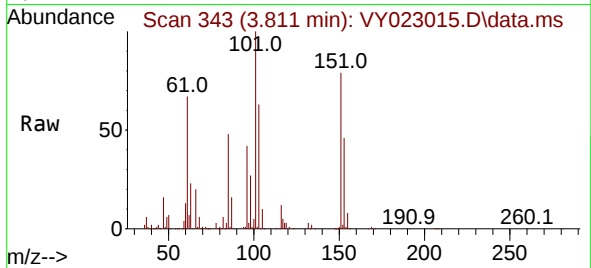




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.142 ug/l
RT: 3.811 min Scan# 343
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

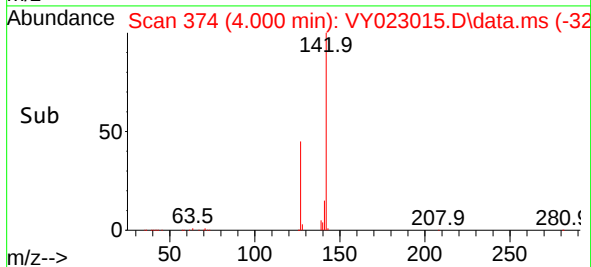
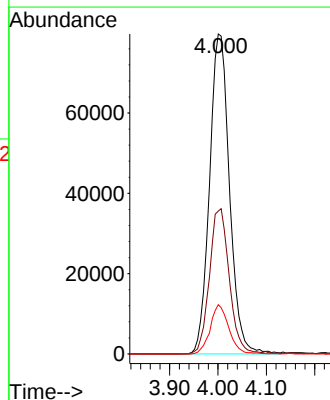
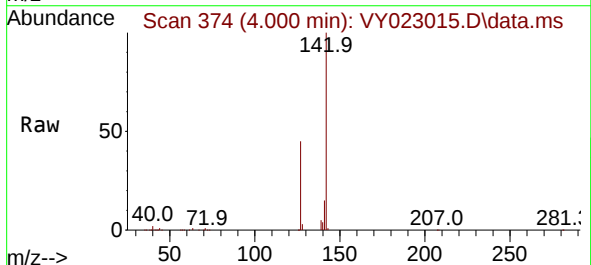
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

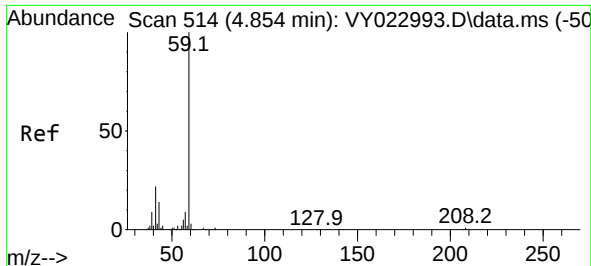
Tgt Ion:101 Resp: 229719
Ion Ratio Lower Upper
101 100
85 46.2 37.2 55.8
151 76.3 59.7 89.5



#10
Methyl Iodide
Concen: 42.309 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:142 Resp: 228734
Ion Ratio Lower Upper
142 100
127 45.0 37.0 55.6
141 14.4 11.4 17.2

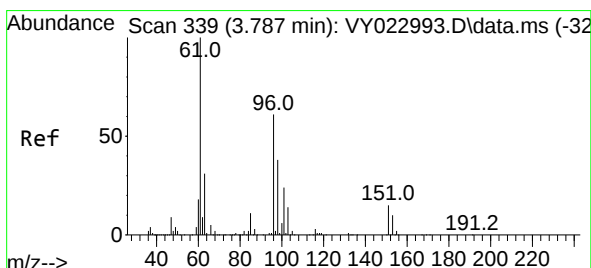
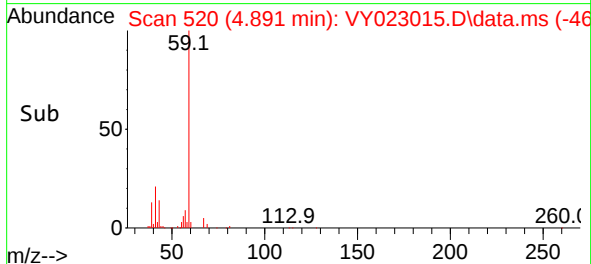
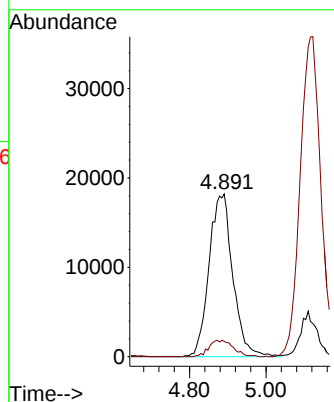
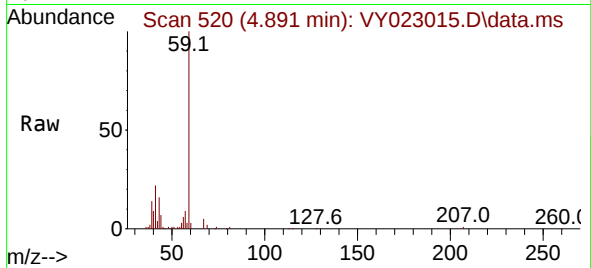




#11
Tert butyl alcohol
Concen: 274.768 ug/l
RT: 4.891 min Scan# 514
Delta R.T. 0.037 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

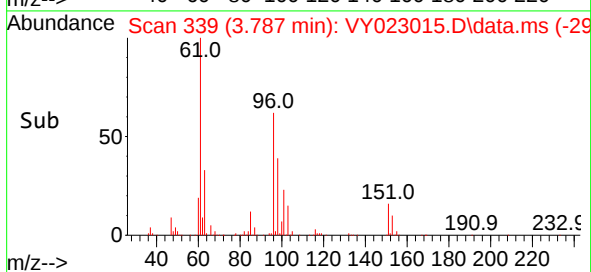
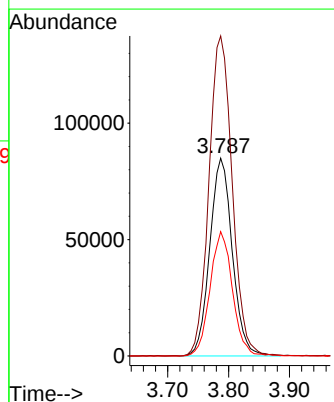
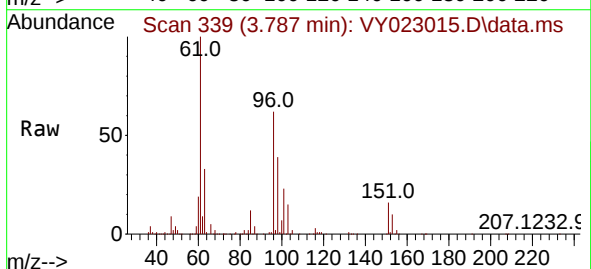
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

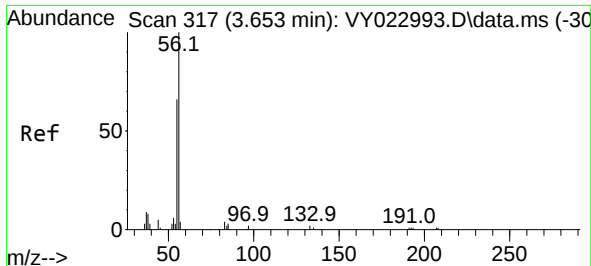
Tgt Ion: 59 Resp: 78484
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.137 ug/l
RT: 3.787 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 96 Resp: 218813
Ion Ratio Lower Upper
96 100
61 161.9 130.4 195.6
98 62.9 49.6 74.4

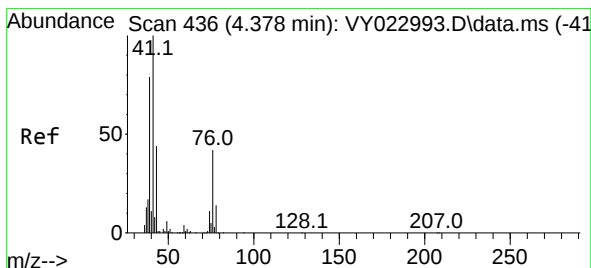
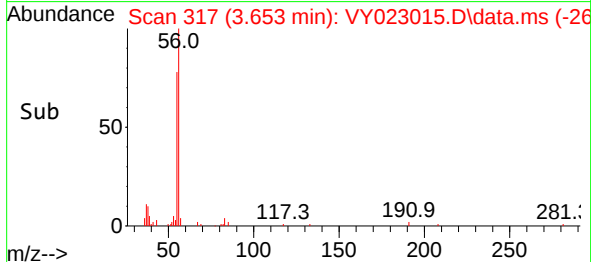
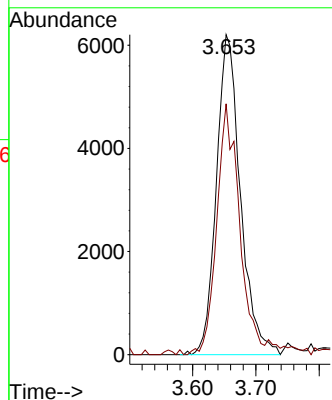
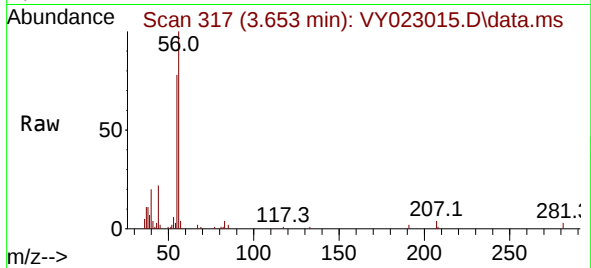




#13
Acrolein
Concen: 121.709 ug/l
RT: 3.653 min Scan# 317
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

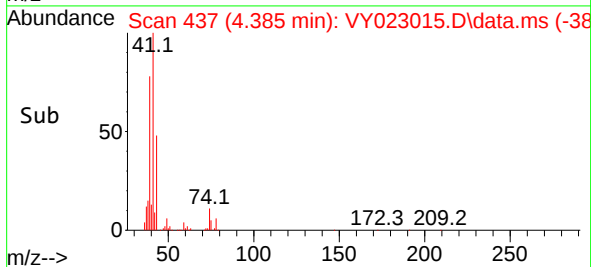
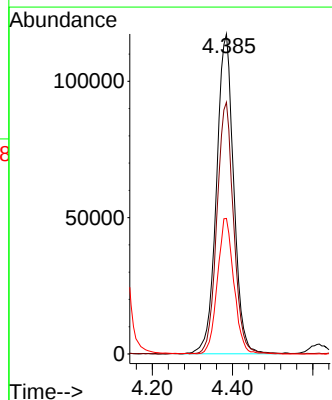
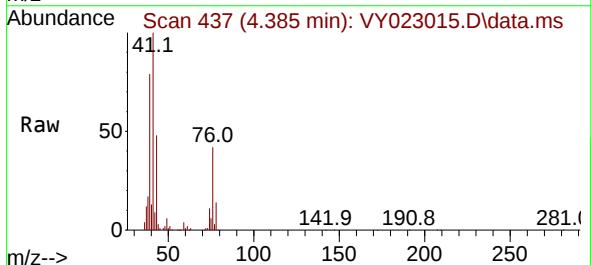
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

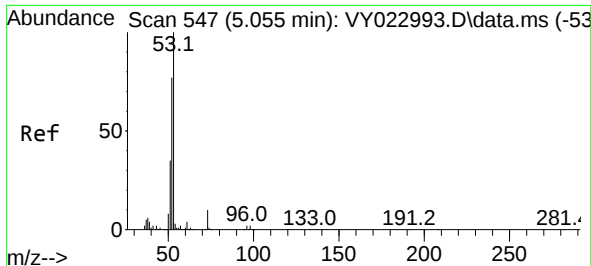
Tgt Ion: 56 Resp: 16336
Ion Ratio Lower Upper
56 100
55 73.7 57.8 86.6



#14
Allyl chloride
Concen: 46.315 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 41 Resp: 349805
Ion Ratio Lower Upper
41 100
39 76.0 60.1 90.1
76 40.7 32.2 48.4

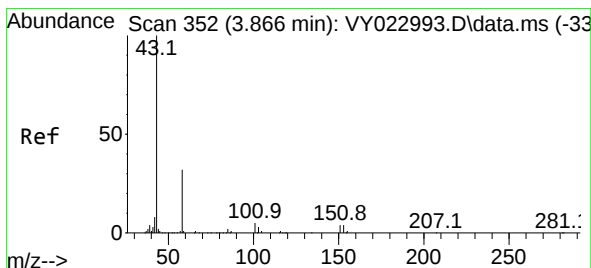
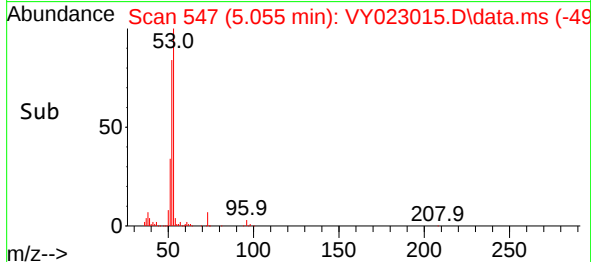
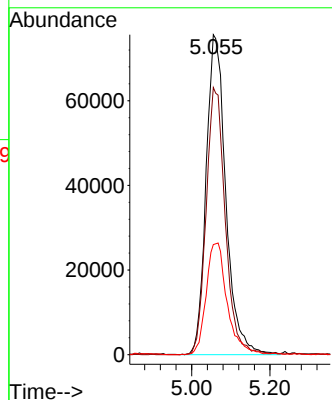
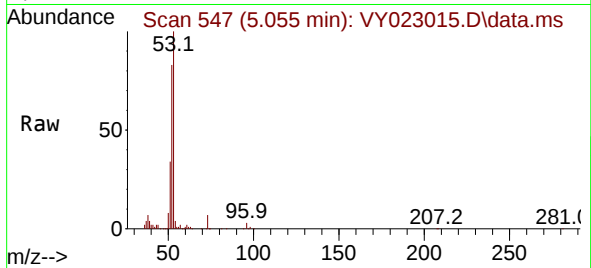




#15
Acrylonitrile
Concen: 269.039 ug/l
RT: 5.055 min Scan# 547
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

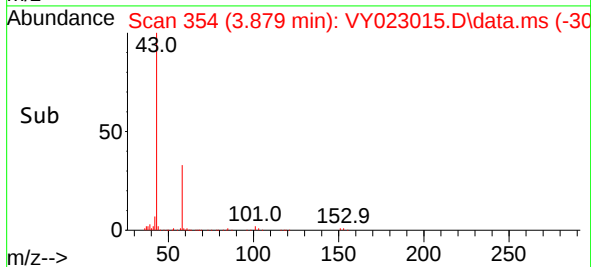
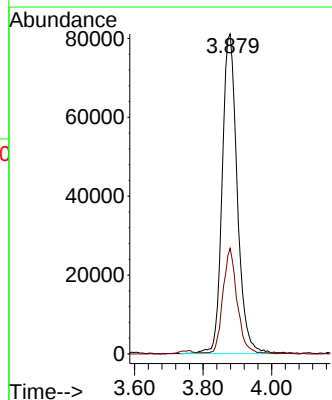
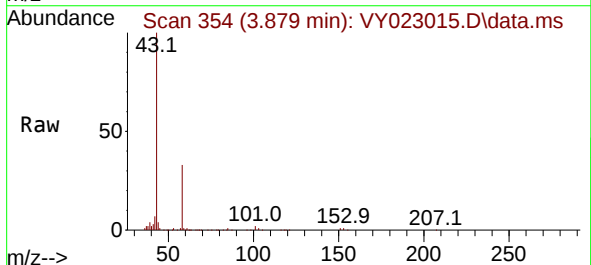
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

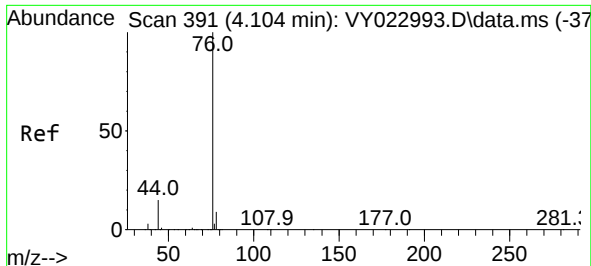
Tgt Ion: 53 Resp: 264216
Ion Ratio Lower Upper
53 100
52 81.0 65.2 97.8
51 37.3 30.3 45.5



#16
Acetone
Concen: 287.564 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.012 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 43 Resp: 246194
Ion Ratio Lower Upper
43 100
58 32.9 26.2 39.4

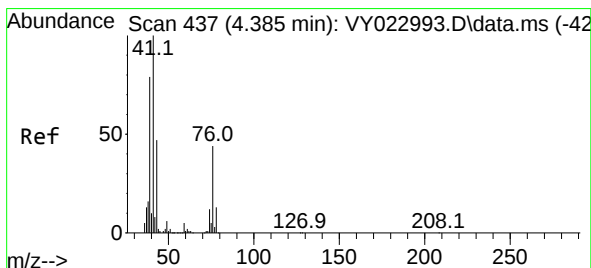
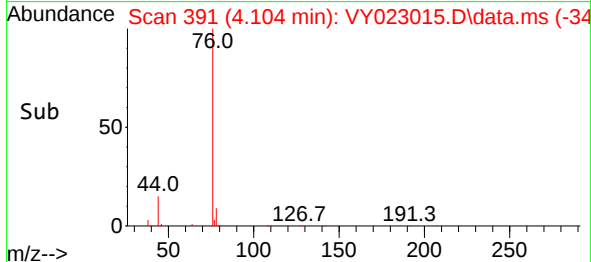
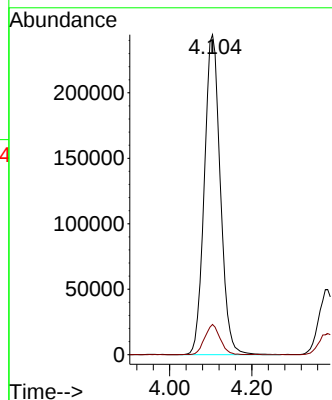
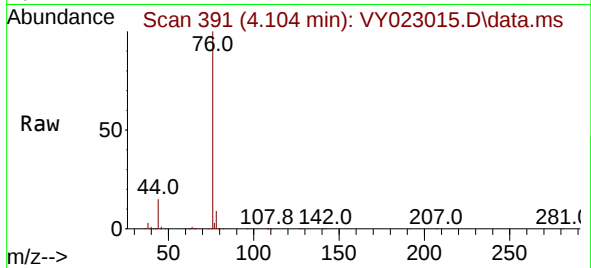




#17
Carbon Disulfide
Concen: 43.871 ug/l
RT: 4.104 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

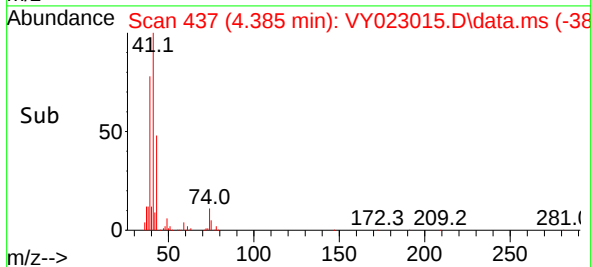
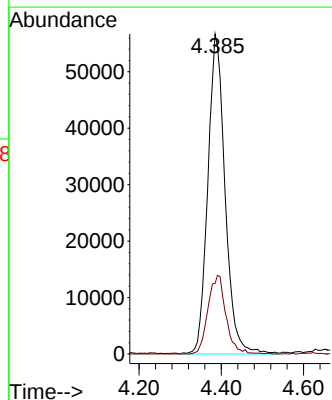
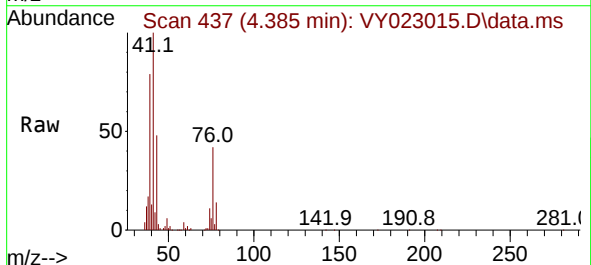
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

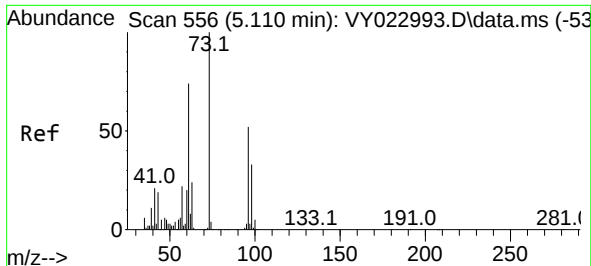
Tgt Ion: 76 Resp: 659160
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 56.897 ug/l
RT: 4.385 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 43 Resp: 164914
Ion Ratio Lower Upper
43 100
74 25.4 20.1 30.1





#19

Methyl tert-butyl Ether

Concen: 49.645 ug/l

RT: 5.116 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

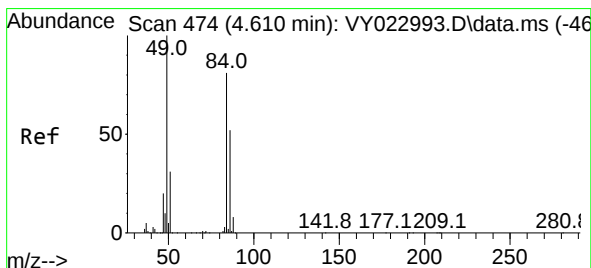
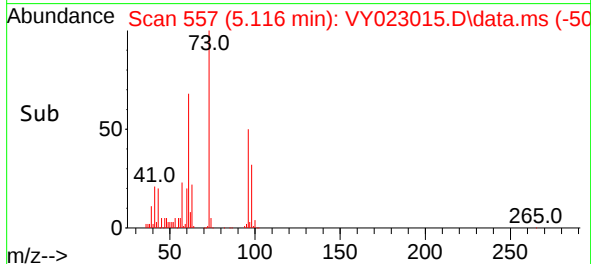
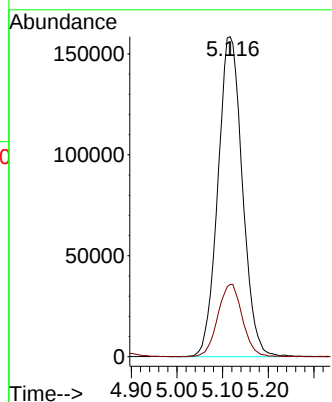
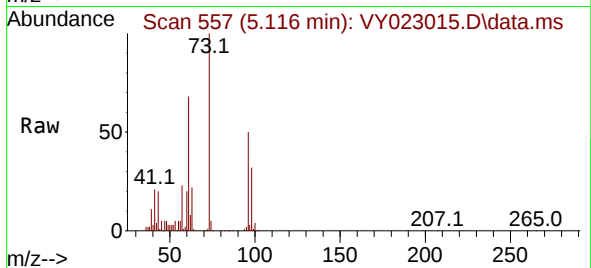
VSTDCCC050

Tgt Ion: 73 Resp: 590328

Ion Ratio Lower Upper

73 100

57 22.6 17.4 26.2



#20

Methylene Chloride

Concen: 44.522 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Tgt Ion: 84 Resp: 273604

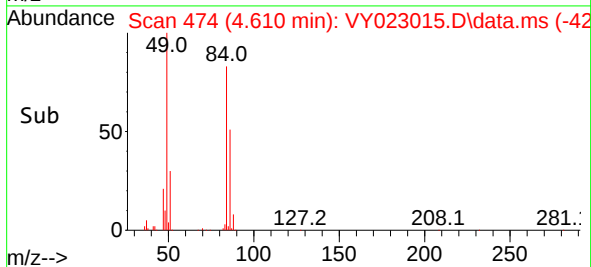
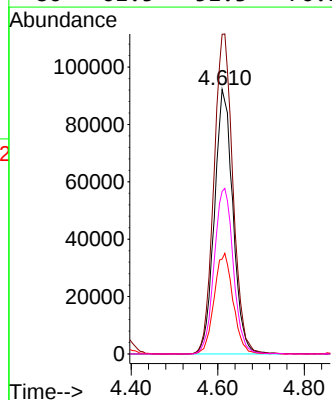
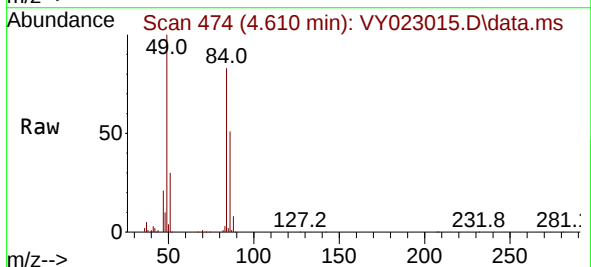
Ion Ratio Lower Upper

84 100

49 120.9 98.2 147.4

51 35.9 30.5 45.7

86 61.5 51.3 76.9

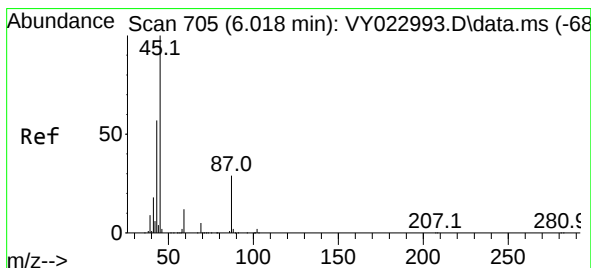
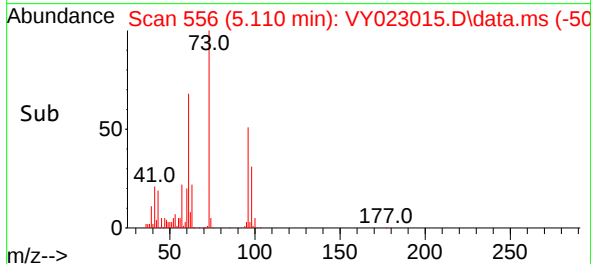
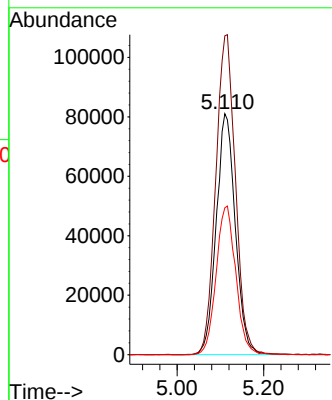
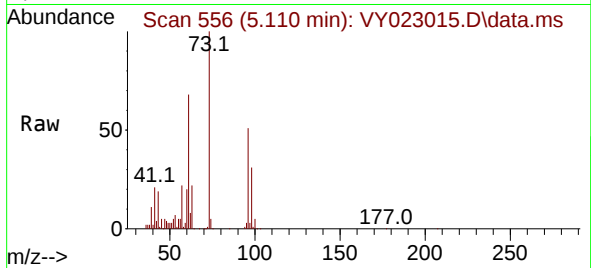




#21
trans-1,2-Dichloroethene
Concen: 45.236 ug/l
RT: 5.110 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

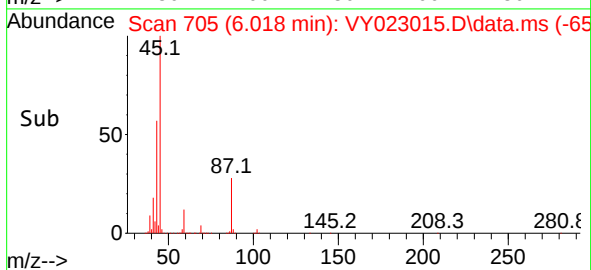
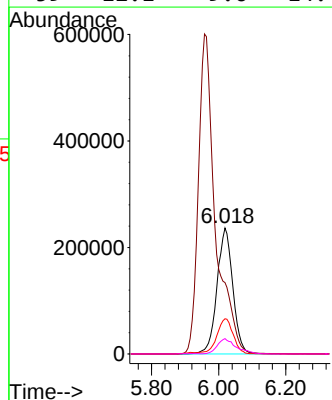
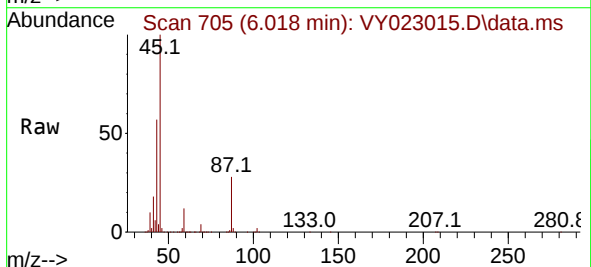
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 249633
Ion Ratio Lower Upper
96 100
61 132.3 107.4 161.2
98 61.0 49.3 73.9



#22
Diisopropyl ether
Concen: 48.287 ug/l
RT: 6.018 min Scan# 705
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 45 Resp: 773708
Ion Ratio Lower Upper
45 100
43 56.6 45.3 67.9
87 28.0 23.3 34.9
59 12.1 9.6 14.4





#23

Vinyl Acetate

Concen: 261.701 ug/l

RT: 5.957 min Scan# 695

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

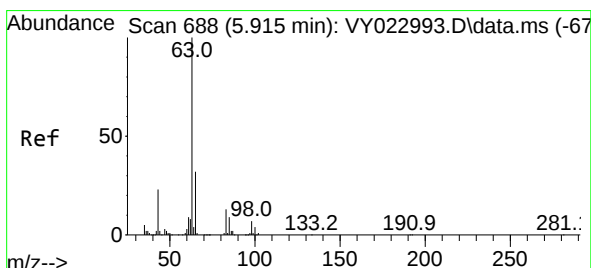
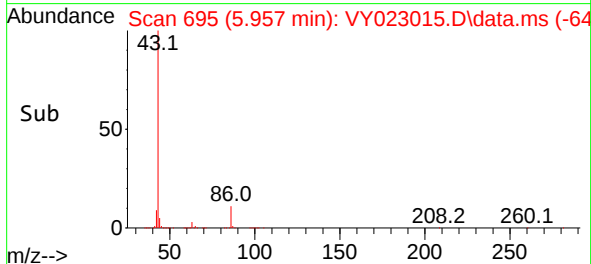
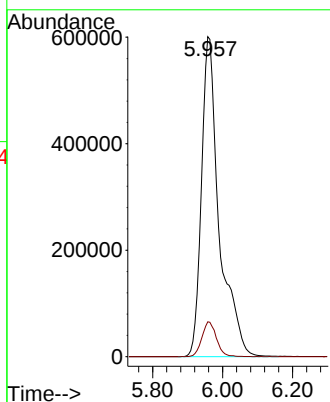
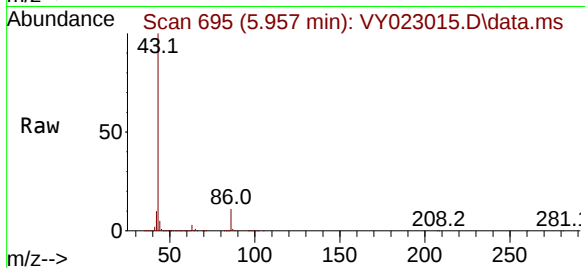
VSTDCCC050

Tgt Ion: 43 Resp: 2112837

Ion Ratio Lower Upper

43 100

86 10.9 9.0 13.4



#24

1,1-Dichloroethane

Concen: 45.968 ug/l

RT: 5.915 min Scan# 688

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

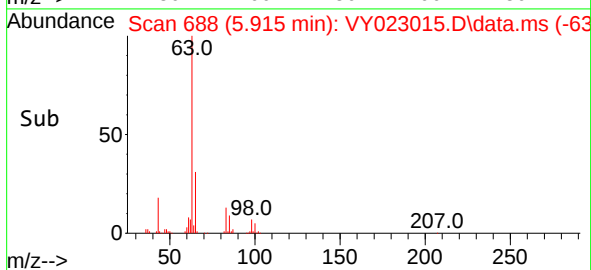
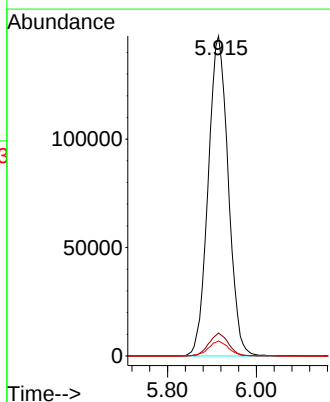
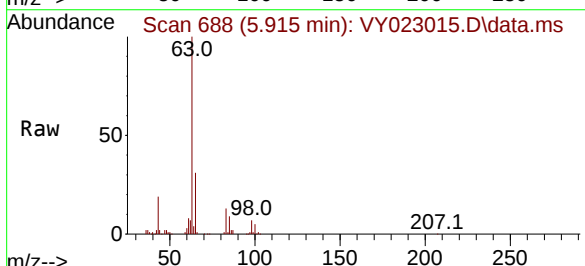
Tgt Ion: 63 Resp: 462627

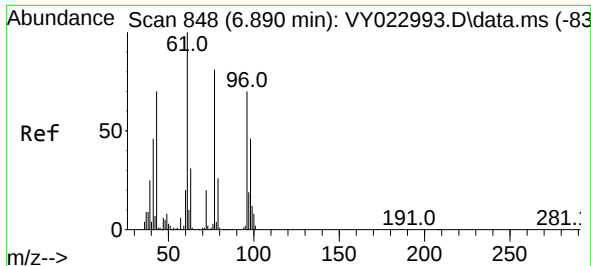
Ion Ratio Lower Upper

63 100

98 7.2 3.5 10.5

100 4.7 2.1 6.2

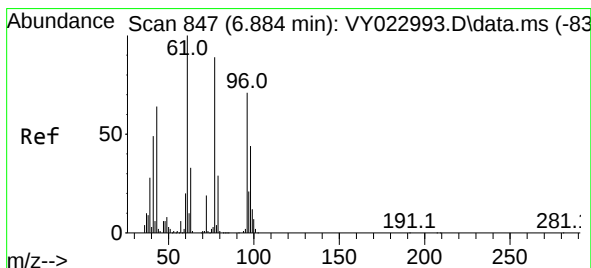
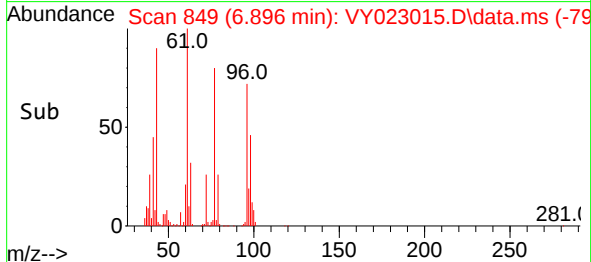
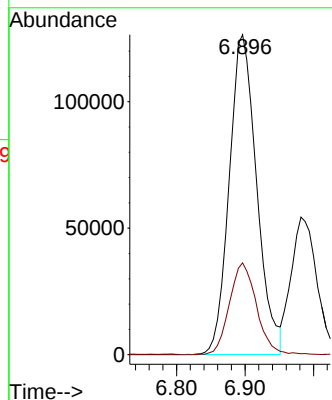
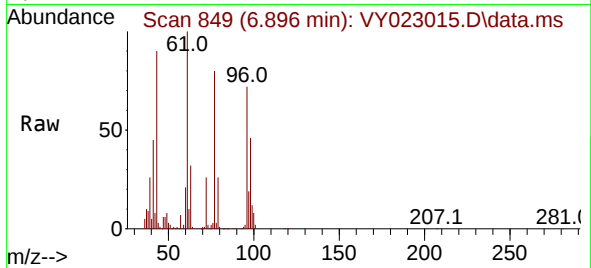




#25
2-Butanone
Concen: 286.473 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

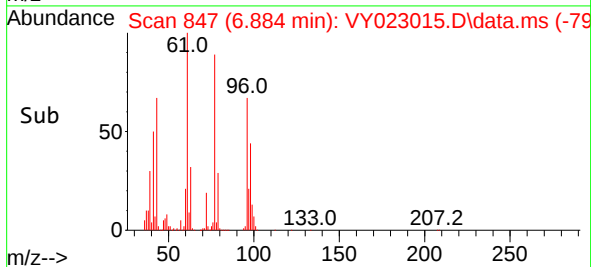
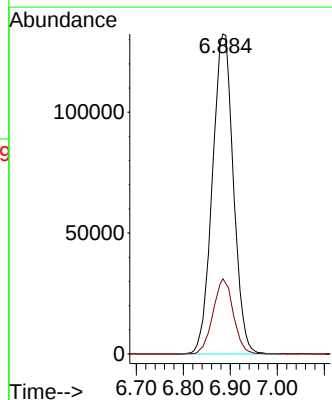
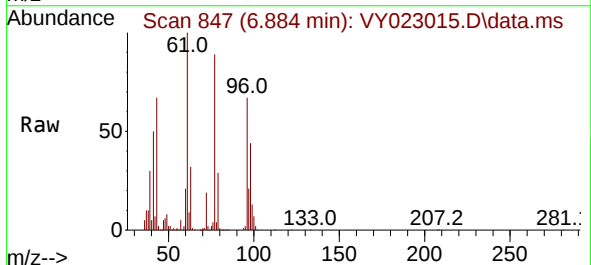
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

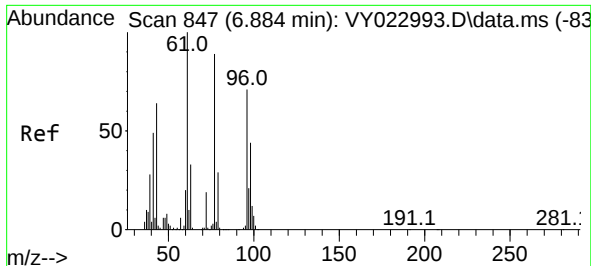
Tgt Ion: 43 Resp: 351847
Ion Ratio Lower Upper
43 100
72 28.7 22.9 34.3



#26
2,2-Dichloropropane
Concen: 46.522 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 77 Resp: 410339
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.9





#27

cis-1,2-Dichloroethene

Concen: 45.750 ug/l

RT: 6.890 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

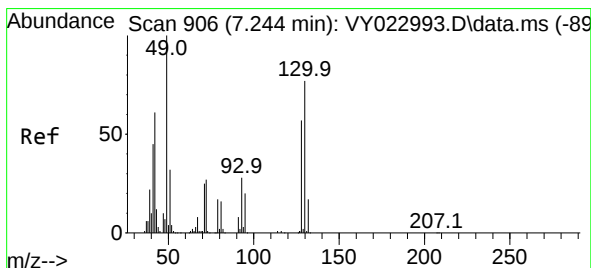
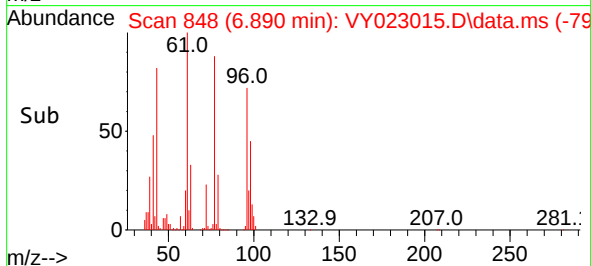
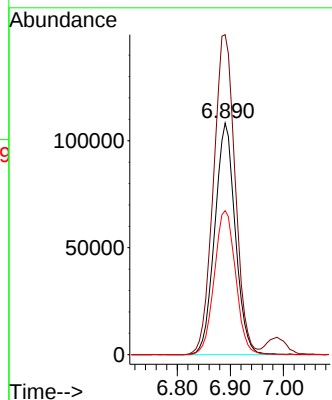
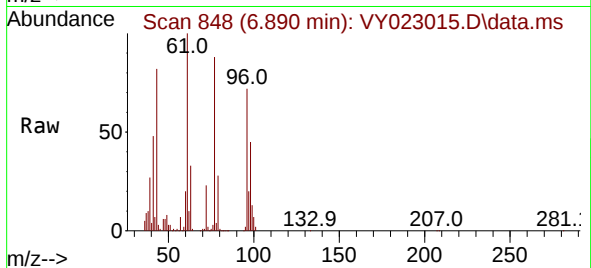
Tgt Ion: 96 Resp: 290970

Ion Ratio Lower Upper

96 100

61 146.1 0.0 286.2

98 64.6 0.0 127.4



#28

Bromochloromethane

Concen: 49.320 ug/l

RT: 7.244 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

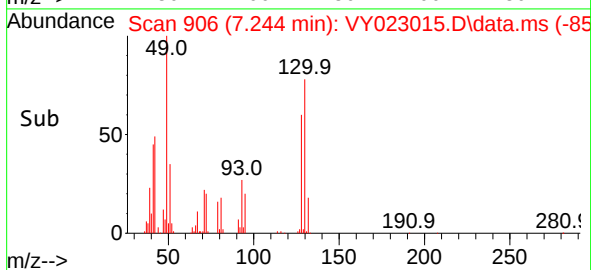
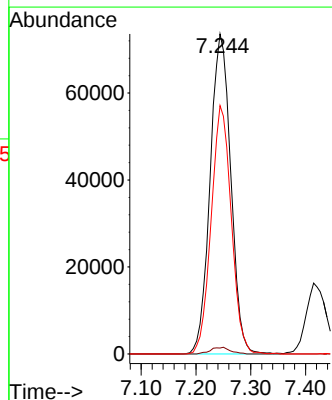
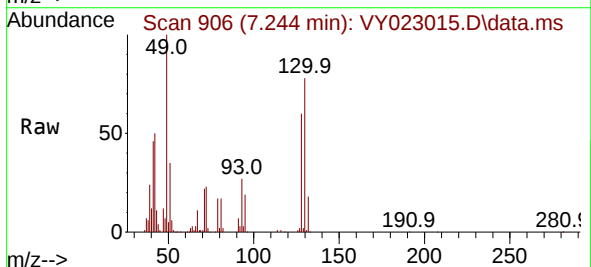
Tgt Ion: 49 Resp: 192517

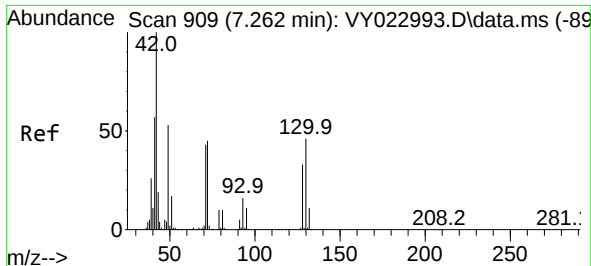
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.4

130 75.4 61.8 92.8

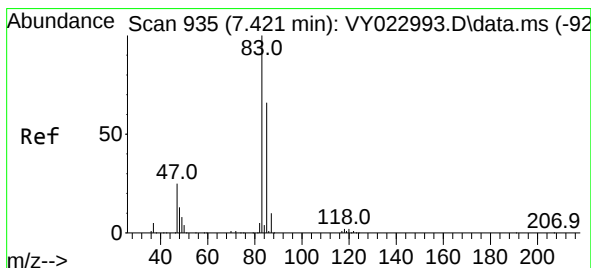
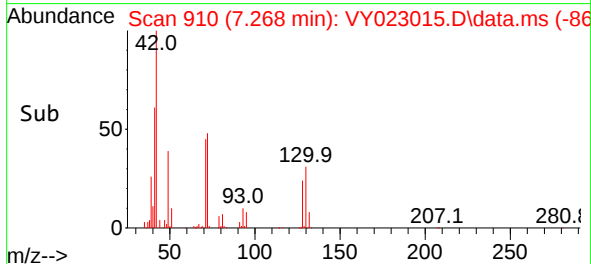
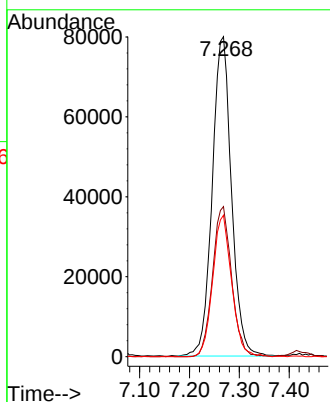
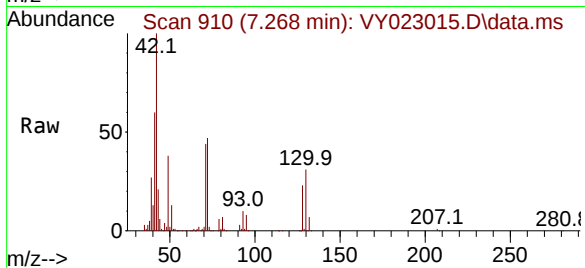




#29
Tetrahydrofuran
Concen: 275.830 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

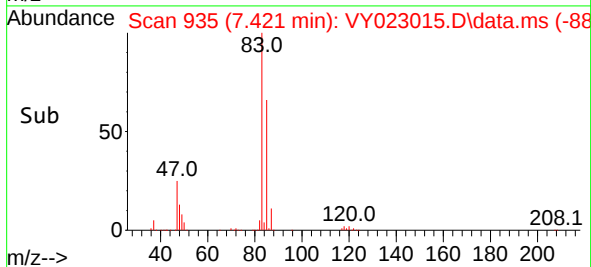
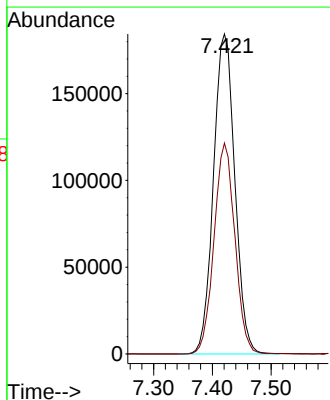
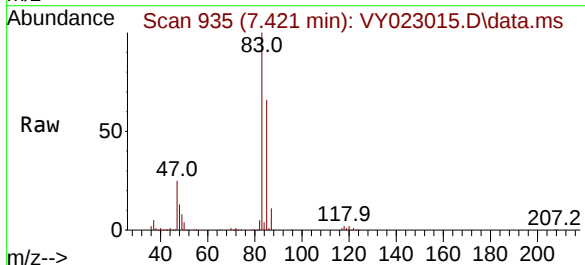
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

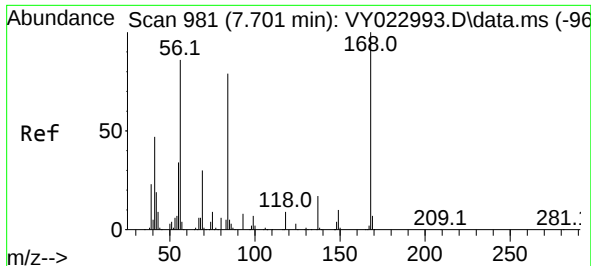
Tgt Ion: 42 Resp: 214487
Ion Ratio Lower Upper
42 100
72 46.5 37.5 56.3
71 43.5 34.2 51.4



#30
Chloroform
Concen: 45.883 ug/l
RT: 7.421 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 83 Resp: 465833
Ion Ratio Lower Upper
83 100
85 65.9 52.6 78.8

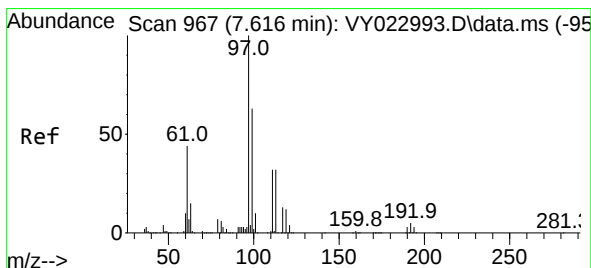
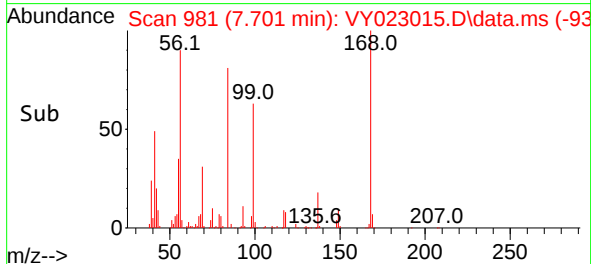
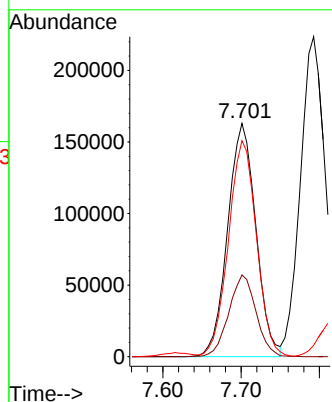
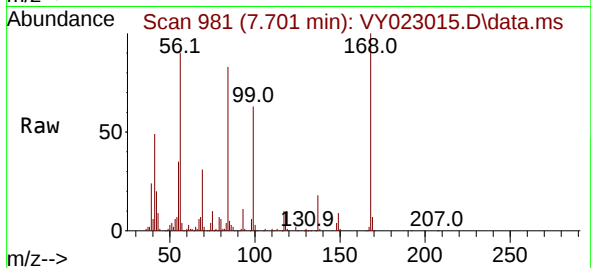




#31
Cyclohexane
Concen: 43.348 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

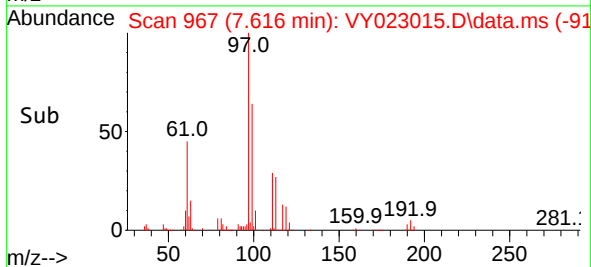
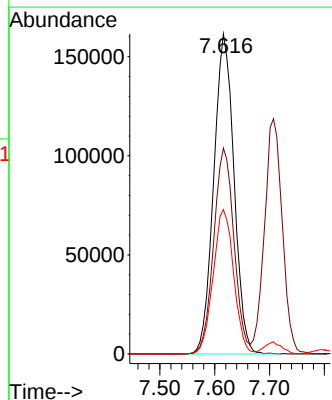
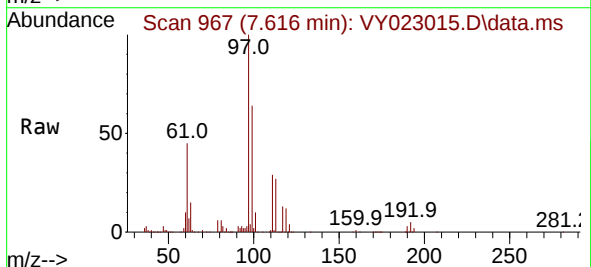
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

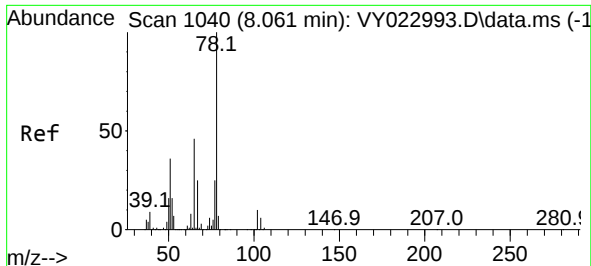
Tgt Ion: 56 Resp: 407632
Ion Ratio Lower Upper
56 100
69 35.1 28.1 42.1
84 91.1 73.5 110.3



#32
1,1,1-Trichloroethane
Concen: 45.068 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 97 Resp: 415153
Ion Ratio Lower Upper
97 100
99 64.3 51.1 76.7
61 45.7 36.1 54.1

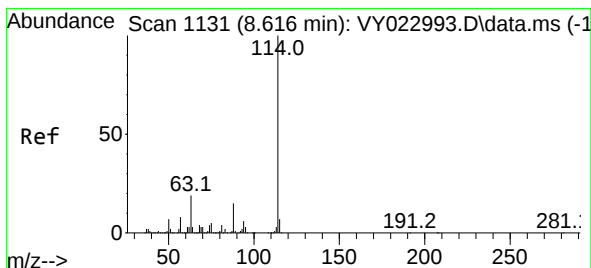
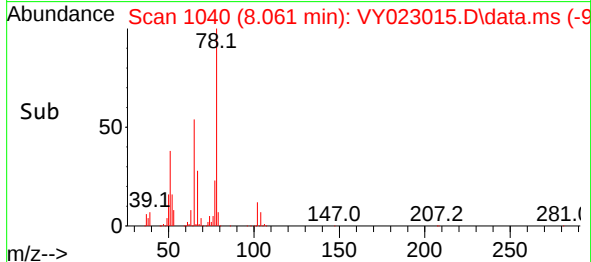
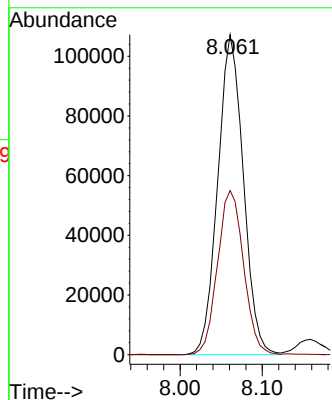
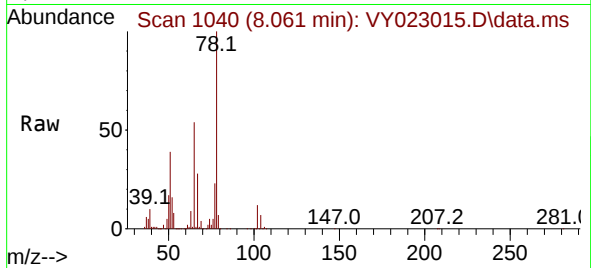




#33
 1,2-Dichloroethane-d4
 Concen: 49.053 ug/l
 RT: 8.061 min Scan# 1040
 Delta R.T. -0.000 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

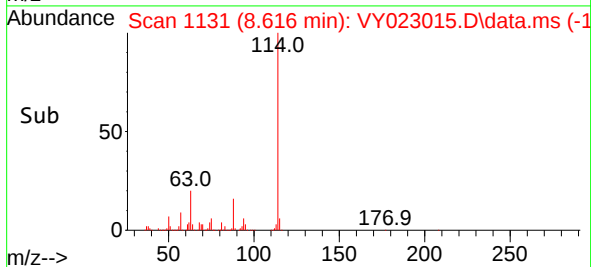
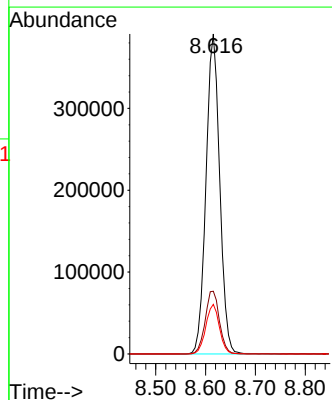
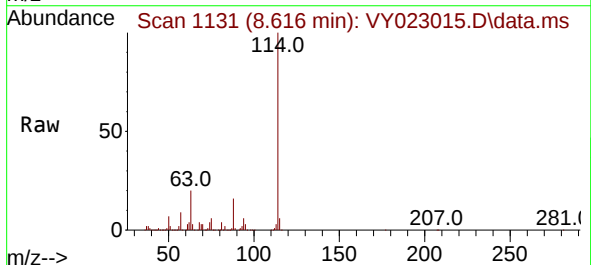
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

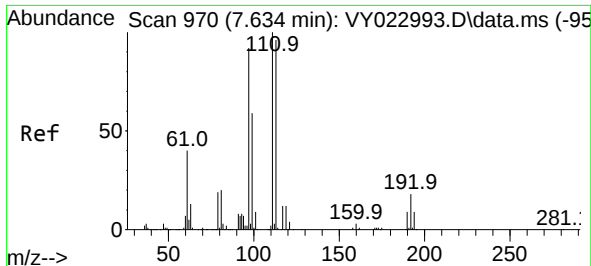
Tgt Ion: 65 Resp: 231681
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. -0.000 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

Tgt Ion: 114 Resp: 745278
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.8
 88 15.5 0.0 30.2

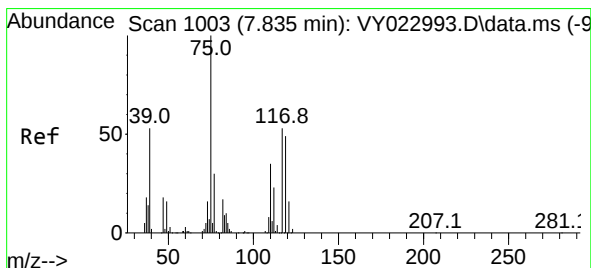
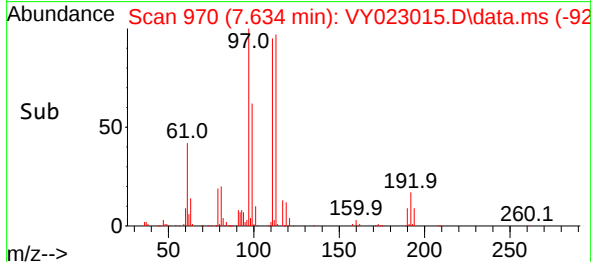
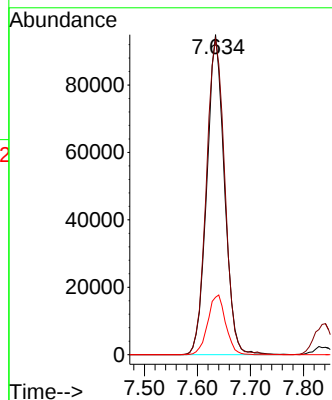
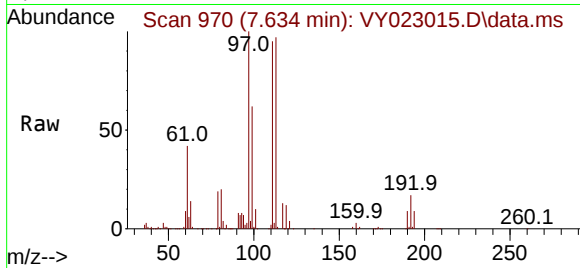




#35
Dibromofluoromethane
Concen: 46.314 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

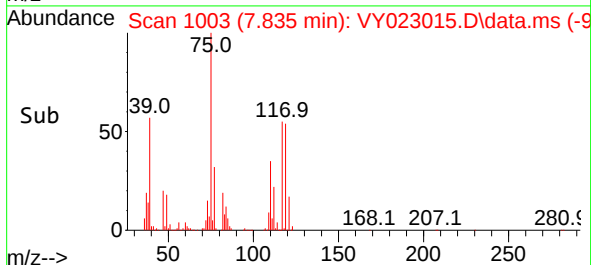
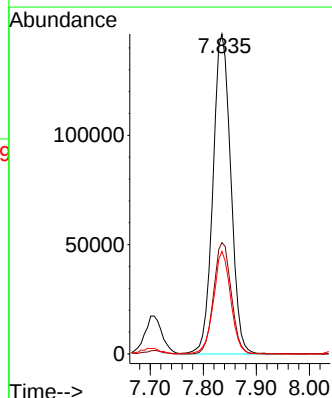
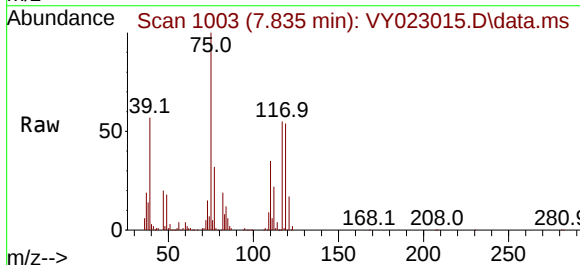
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

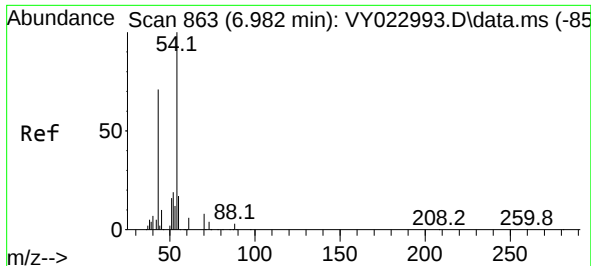
Tgt Ion:113 Resp: 218952
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 18.9 15.3 22.9



#36
1,1-Dichloropropene
Concen: 45.967 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 75 Resp: 342303
Ion Ratio Lower Upper
75 100
110 34.4 17.3 51.9
77 31.0 24.6 37.0





#37

Ethyl Acetate

Concen: 52.544 ug/l

RT: 6.982 min Scan# 863

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

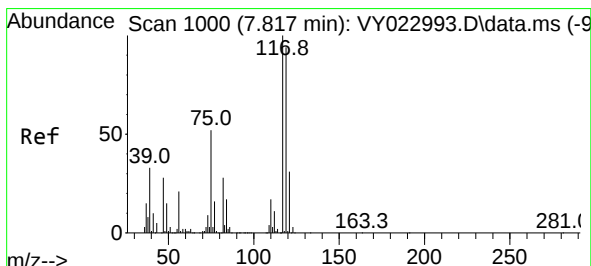
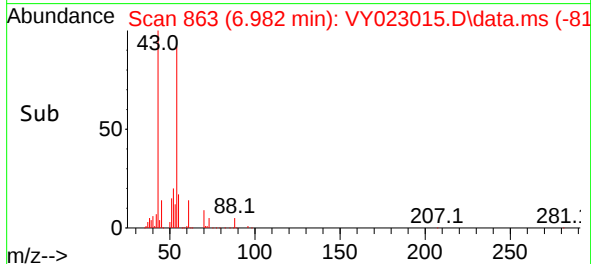
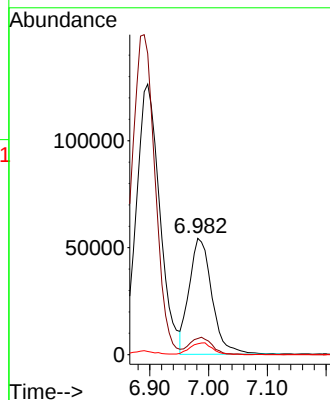
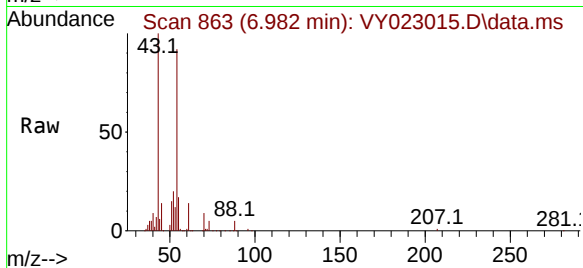
Tgt Ion: 43 Resp: 145321

Ion Ratio Lower Upper

43 100

61 15.0 11.6 17.4

70 10.2 8.5 12.7



#38

Carbon Tetrachloride

Concen: 45.380 ug/l

RT: 7.817 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

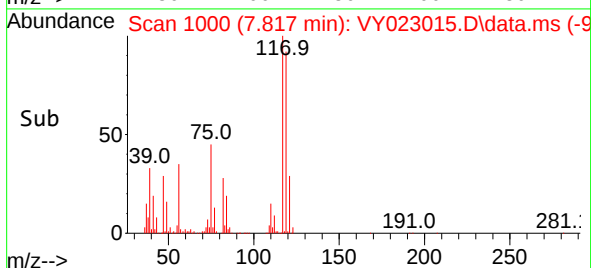
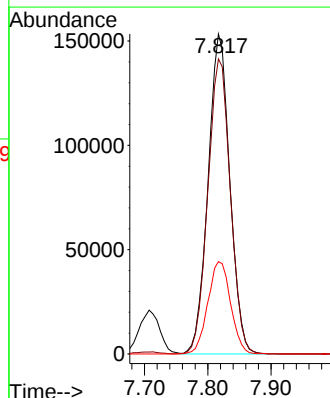
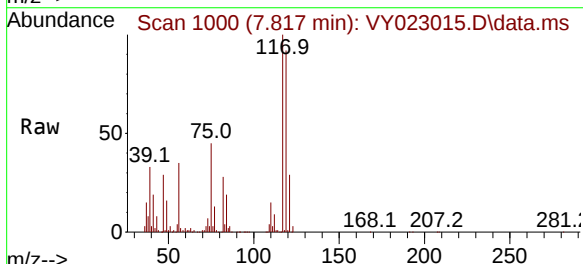
Tgt Ion: 117 Resp: 367135

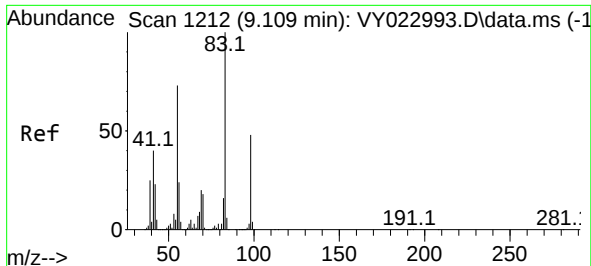
Ion Ratio Lower Upper

117 100

119 92.2 74.9 112.3

121 28.9 24.6 37.0





#39

Methylcyclohexane

Concen: 45.487 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

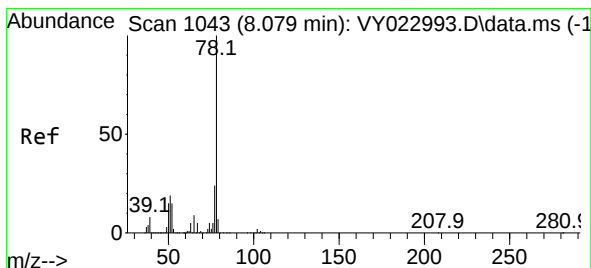
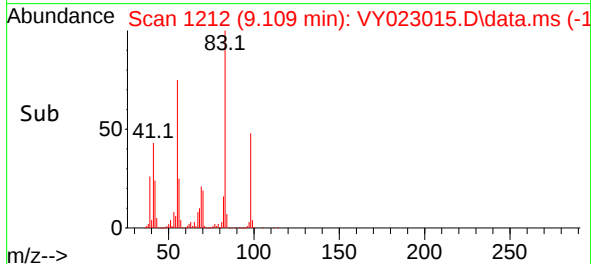
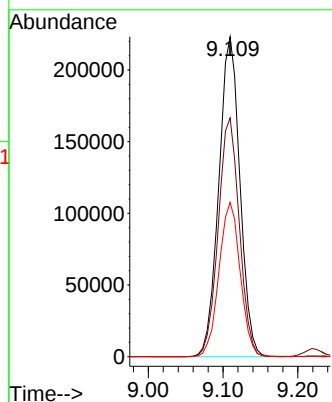
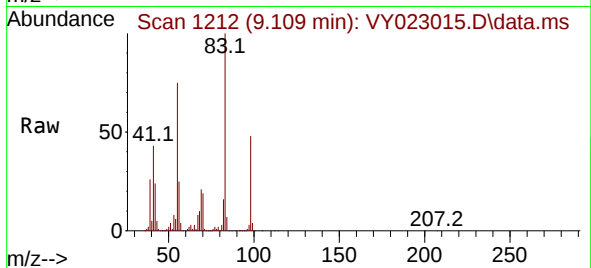
Tgt Ion: 83 Resp: 438429

Ion Ratio Lower Upper

83 100

55 74.6 58.1 87.1

98 48.2 38.5 57.7



#40

Benzene

Concen: 46.502 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VY023015.D

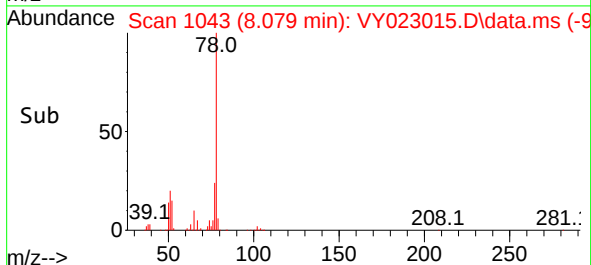
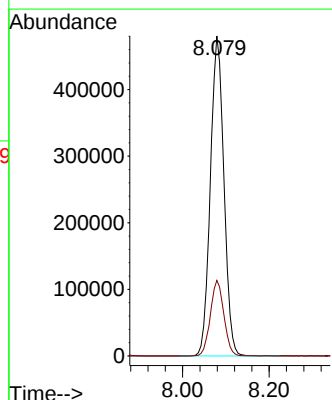
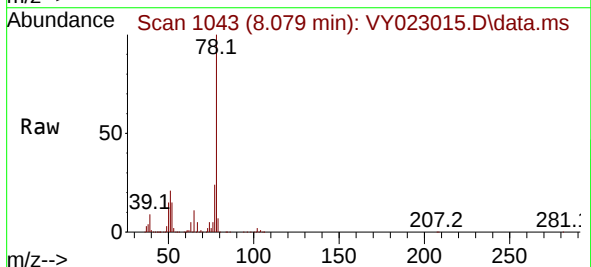
Acq: 21 Jul 2025 10:08

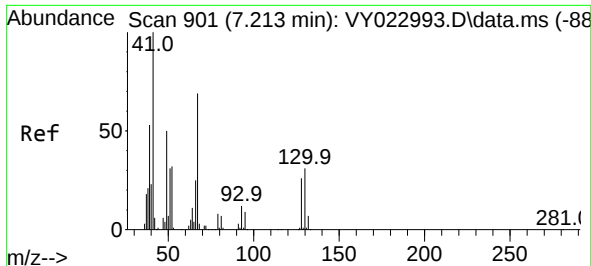
Tgt Ion: 78 Resp: 1042640

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.4



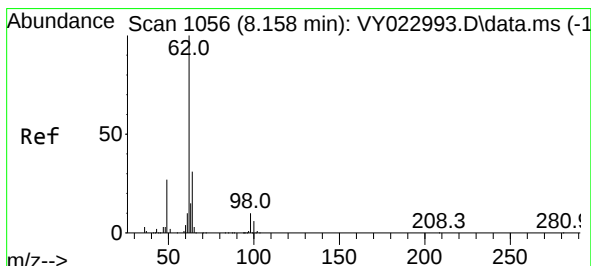
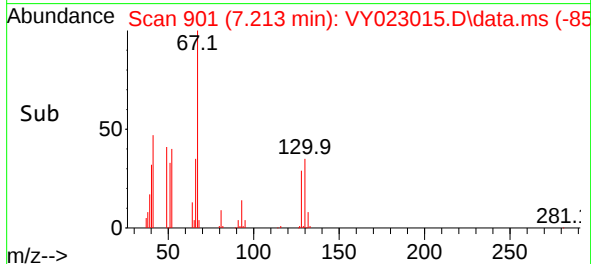
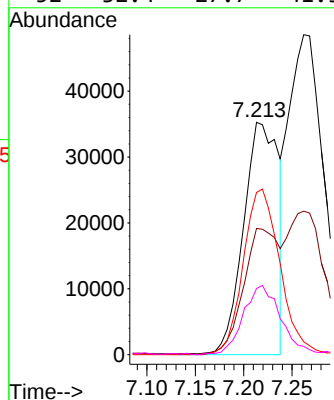
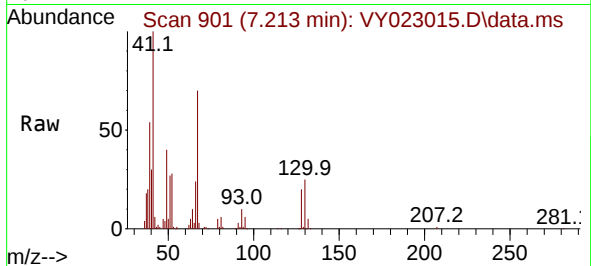


#41
Methacrylonitrile
Concen: 59.045 ug/l
RT: 7.213 min Scan# 901
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 88958

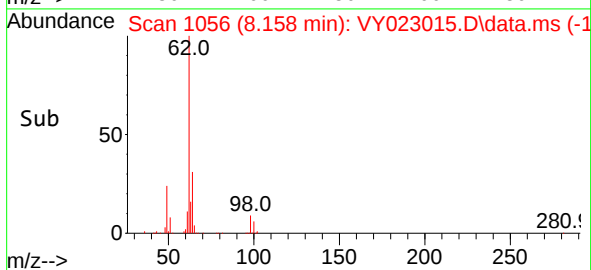
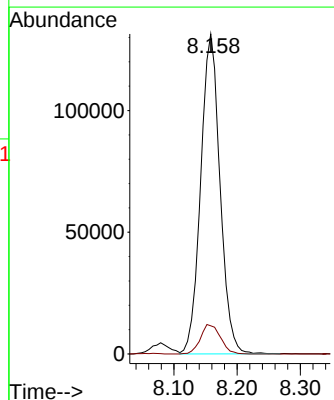
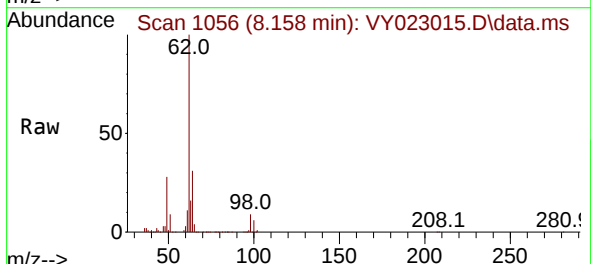
Ion	Ratio	Lower	Upper
41	100		
39	54.2	50.0	75.0
67	74.5	65.4	98.2
52	32.4	27.7	41.5

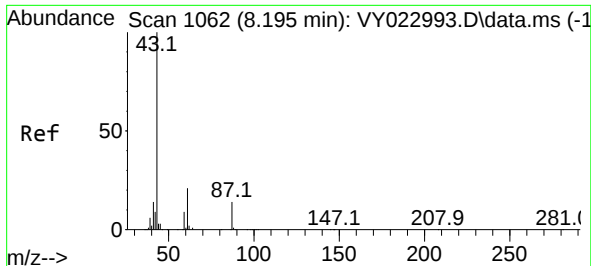


#42
1,2-Dichloroethane
Concen: 50.055 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 62 Resp: 279220

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.0

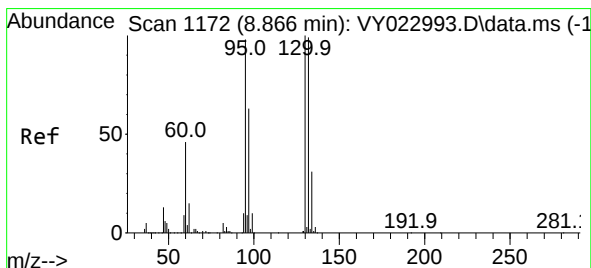
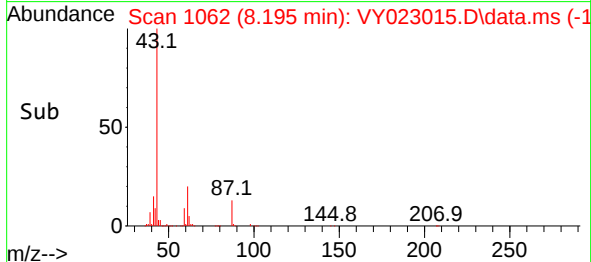
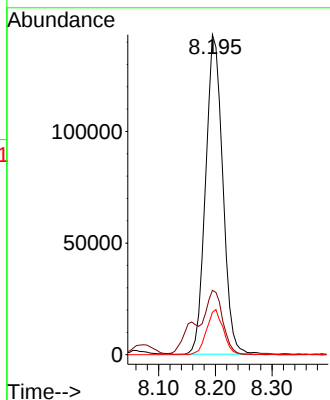
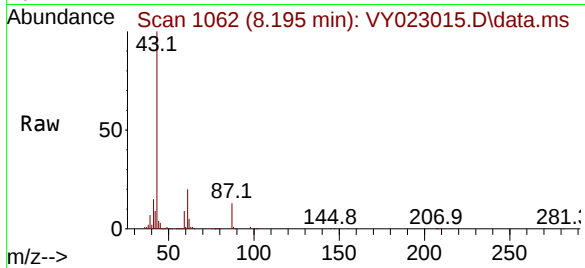




#43
Isopropyl Acetate
Concen: 54.629 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

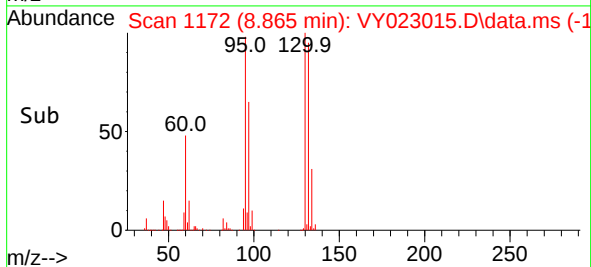
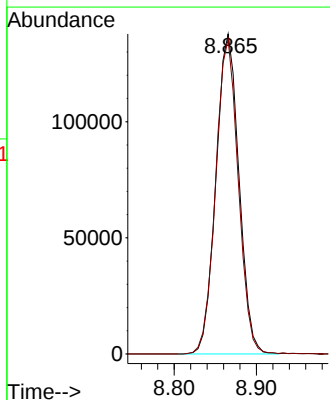
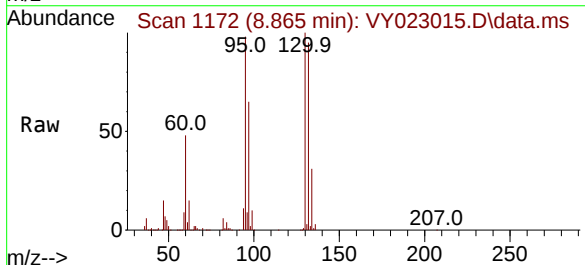
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

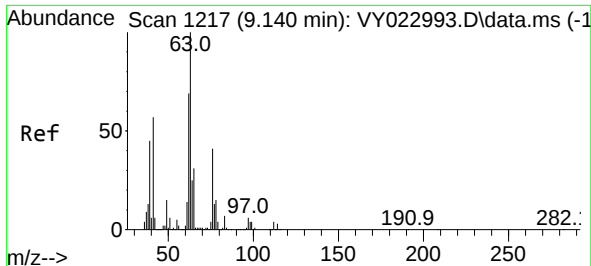
Tgt Ion: 43 Resp: 300111
Ion Ratio Lower Upper
43 100
61 21.0 25.0 37.4#
87 13.9 11.1 16.7



#44
Trichloroethene
Concen: 46.410 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:130 Resp: 267268
Ion Ratio Lower Upper
130 100
95 98.4 0.0 195.8





#45

1,2-Dichloropropane

Concen: 47.131 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

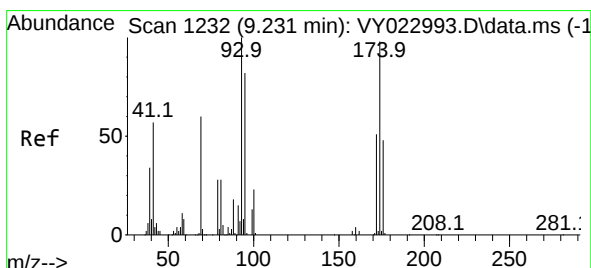
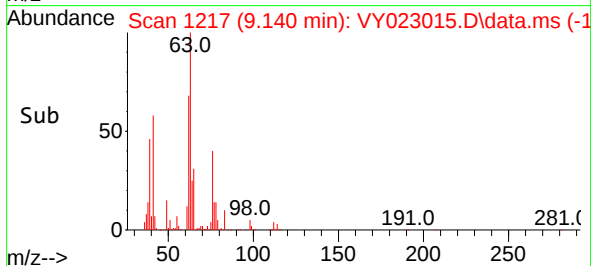
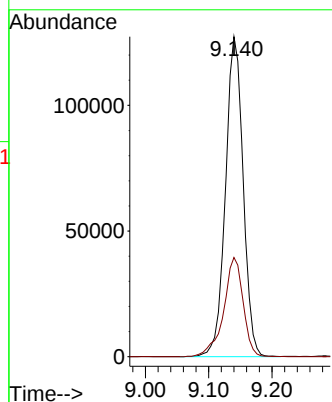
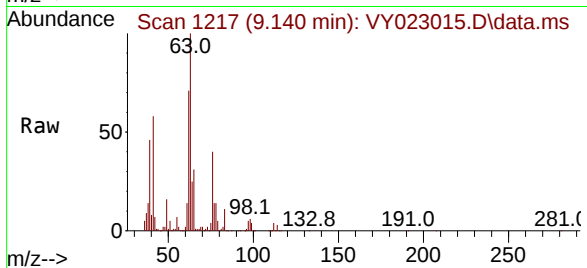
VSTDCCC050

Tgt Ion: 63 Resp: 246776

Ion Ratio Lower Upper

63 100

65 31.0 24.6 37.0



#46

Dibromomethane

Concen: 49.790 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

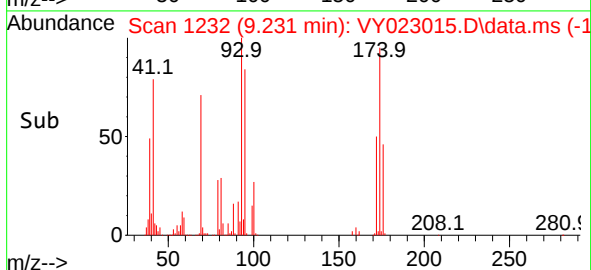
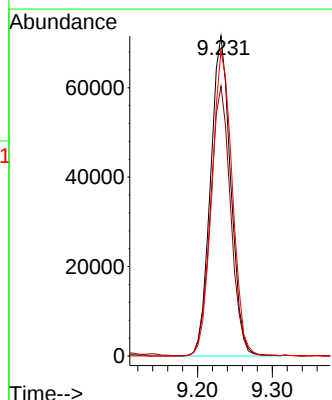
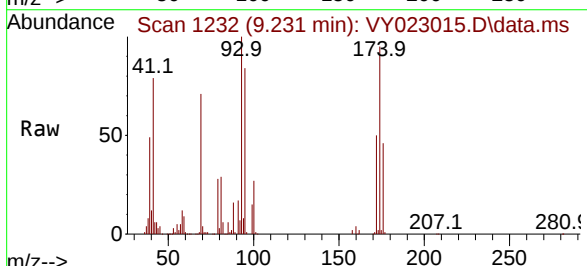
Tgt Ion: 93 Resp: 134753

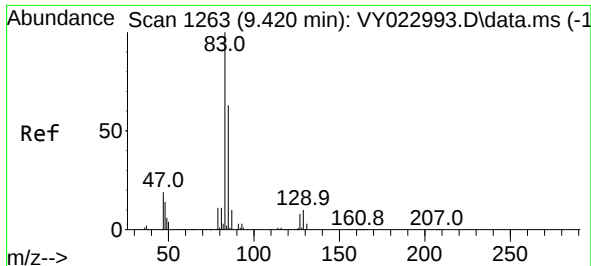
Ion Ratio Lower Upper

93 100

95 83.7 65.9 98.9

174 96.5 76.4 114.6

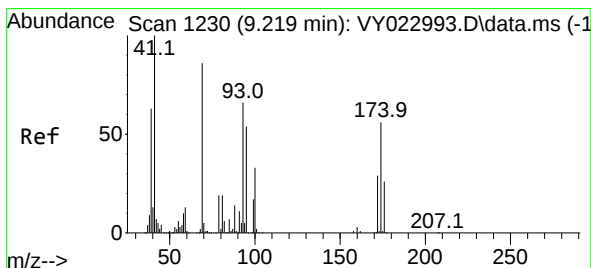
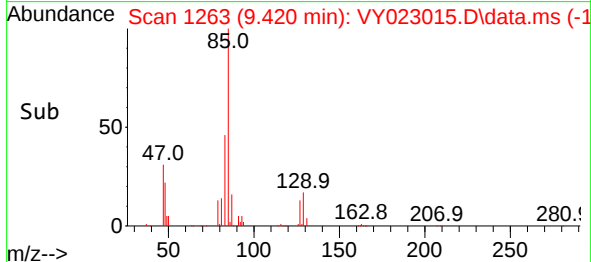
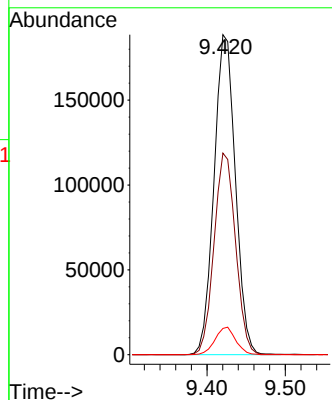
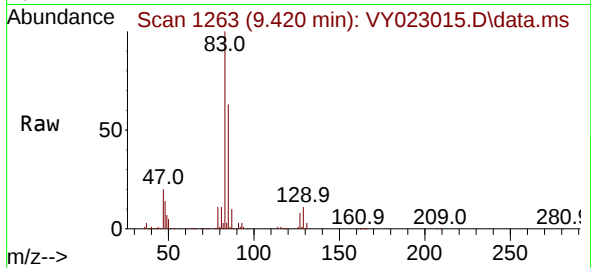




#47
Bromodichloromethane
Concen: 47.861 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

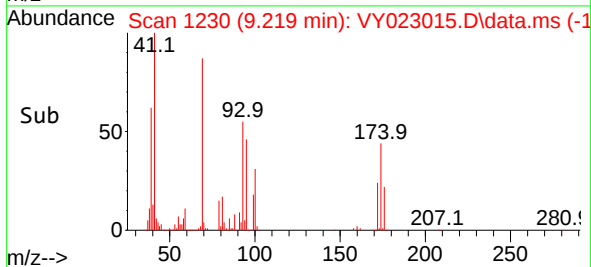
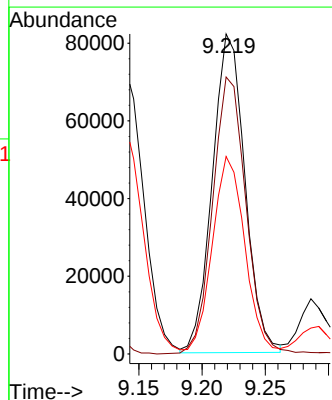
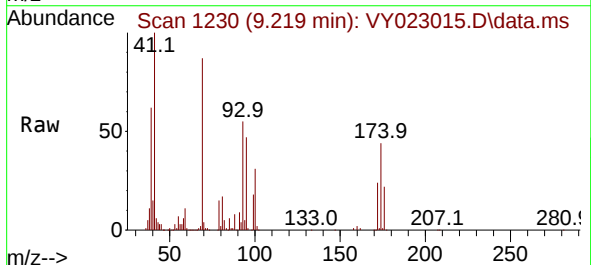
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

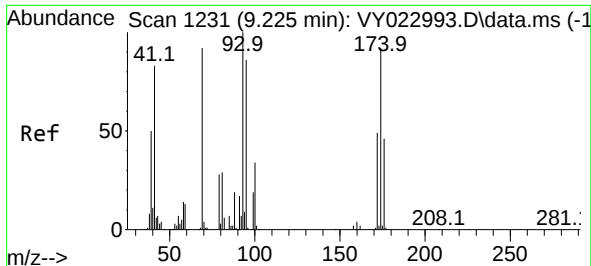
Tgt Ion: 83 Resp: 358051
Ion Ratio Lower Upper
83 100
85 63.0 50.6 75.8
127 8.2 6.5 9.7



#48
Methyl methacrylate
Concen: 55.518 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 41 Resp: 147249
Ion Ratio Lower Upper
41 100
69 89.2 71.4 107.0
39 59.4 47.8 71.8





#49

1,4-Dioxane

Concen: 1129.451 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.012 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

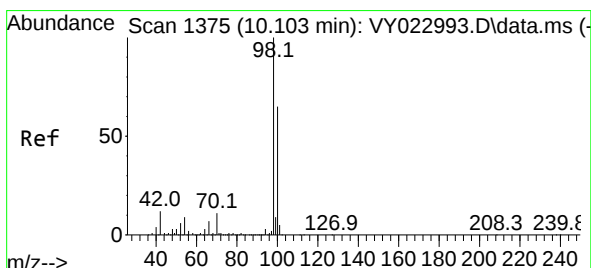
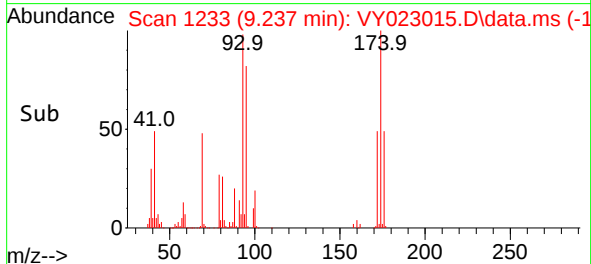
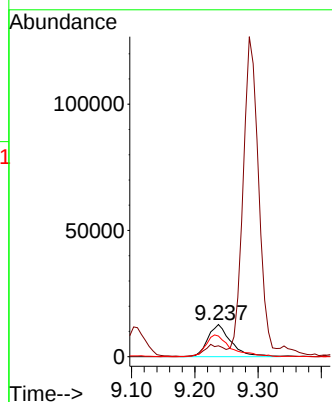
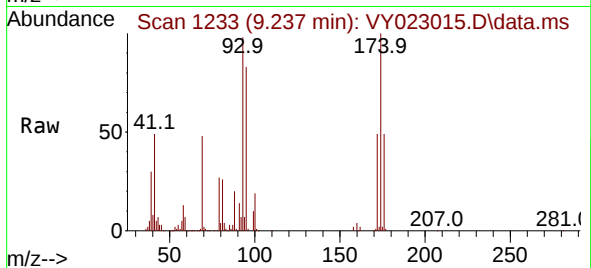
Tgt Ion: 88 Resp: 32221

Ion Ratio Lower Upper

88 100

43 30.1 28.7 43.1

58 72.7 59.8 89.6



#50

Toluene-d8

Concen: 46.437 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY023015.D

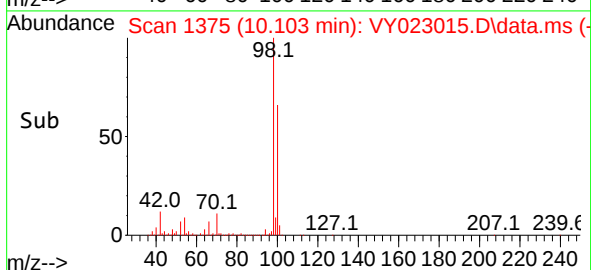
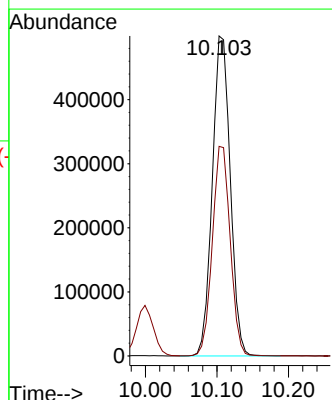
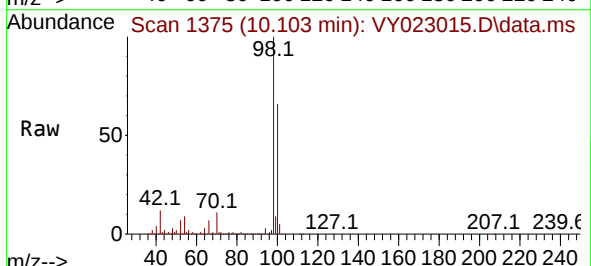
Acq: 21 Jul 2025 10:08

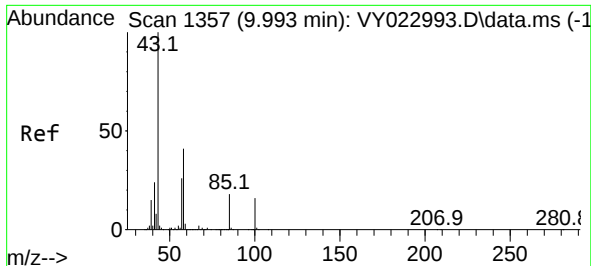
Tgt Ion: 98 Resp: 870592

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 288.338 ug/l

RT: 9.999 min Scan# 1357

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

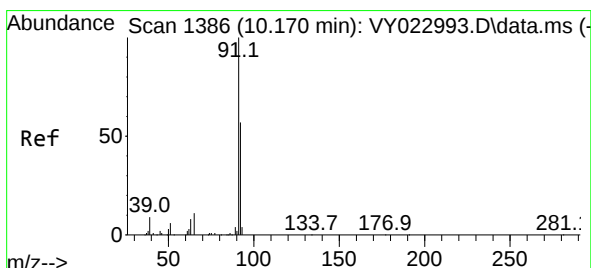
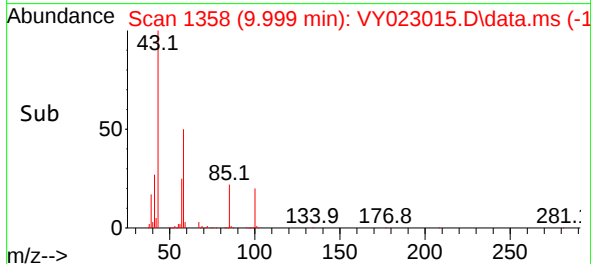
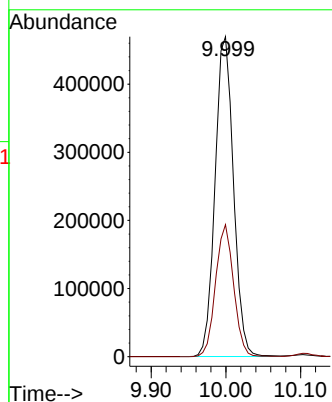
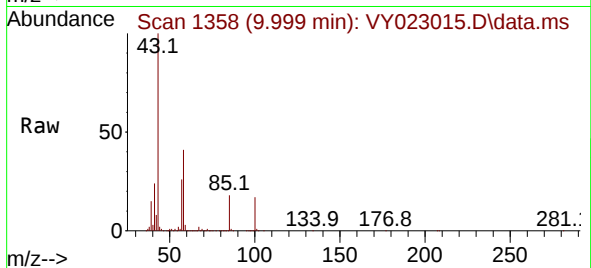
VSTDCCC050

Tgt Ion: 43 Resp: 804002

Ion Ratio Lower Upper

43 100

58 40.5 32.5 48.7



#52

Toluene

Concen: 47.287 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VY023015.D

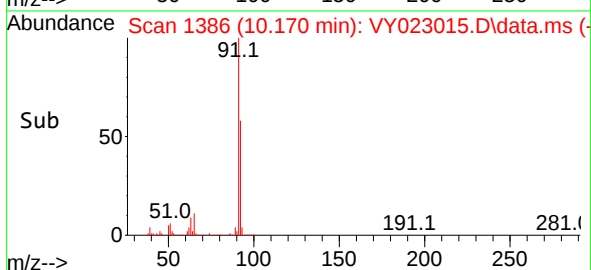
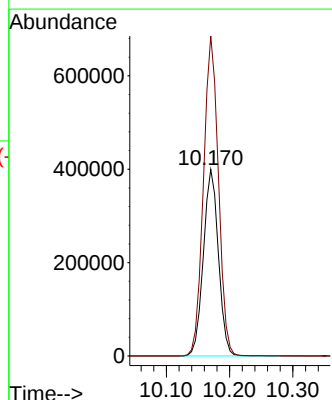
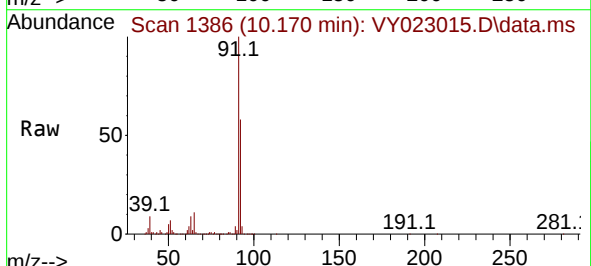
Acq: 21 Jul 2025 10:08

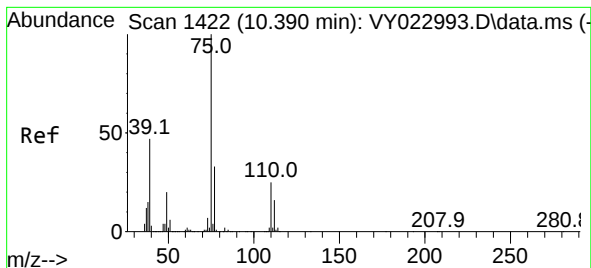
Tgt Ion: 92 Resp: 659183

Ion Ratio Lower Upper

92 100

91 171.6 137.8 206.6

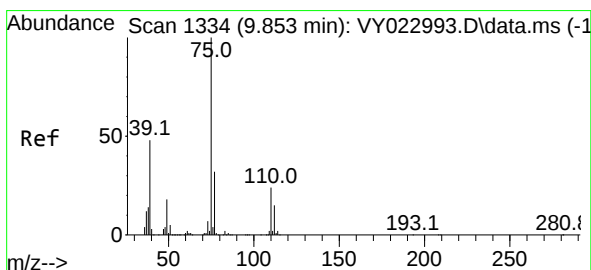
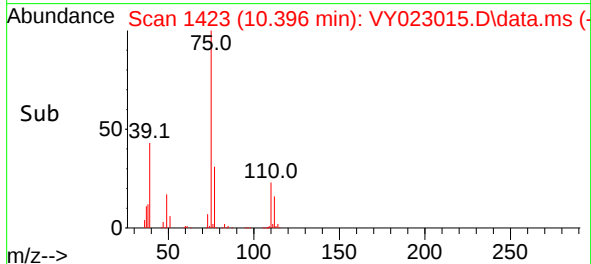
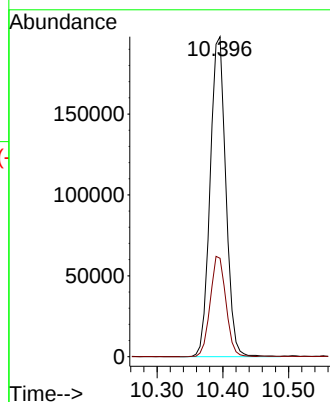
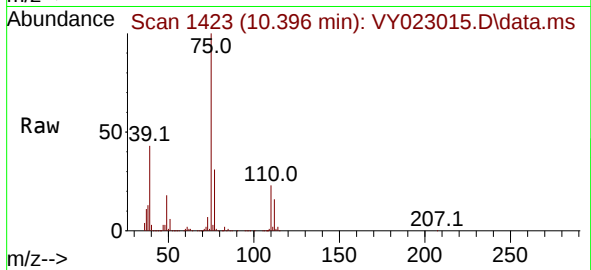




#53
t-1,3-Dichloropropene
Concen: 51.095 ug/l
RT: 10.396 min Scan# 1422
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

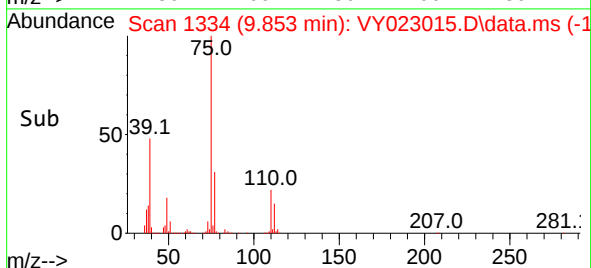
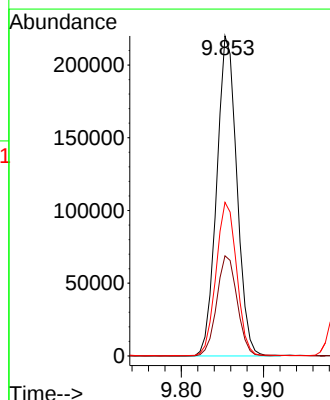
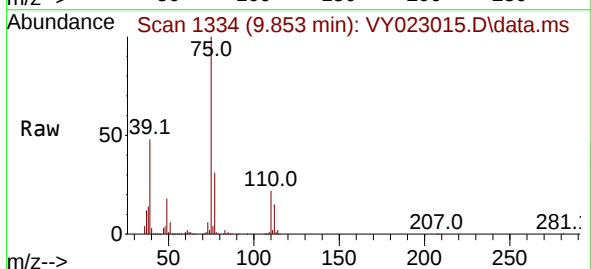
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

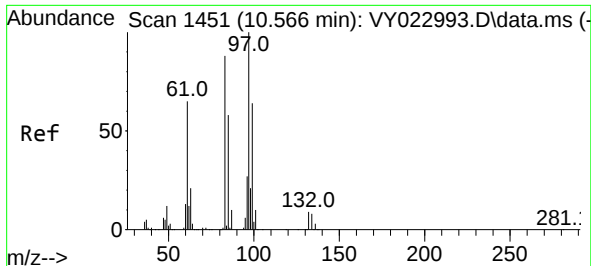
Tgt Ion: 75 Resp: 328119
Ion Ratio Lower Upper
75 100
77 30.7 26.4 39.6



#54
cis-1,3-Dichloropropene
Concen: 48.527 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 75 Resp: 375614
Ion Ratio Lower Upper
75 100
77 31.3 25.4 38.0
39 47.9 38.2 57.2



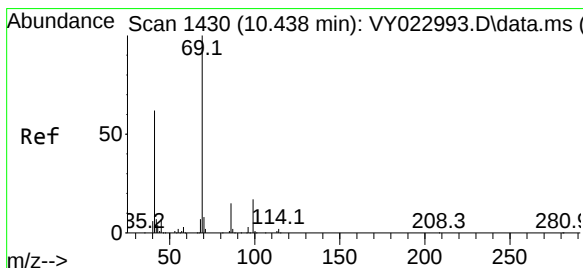
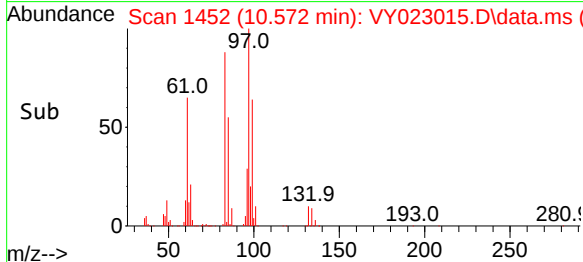
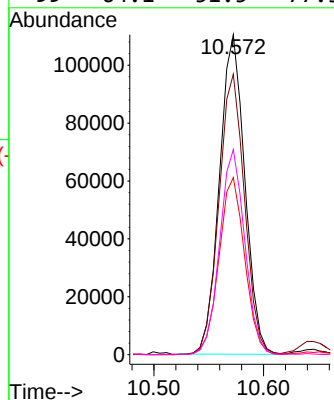
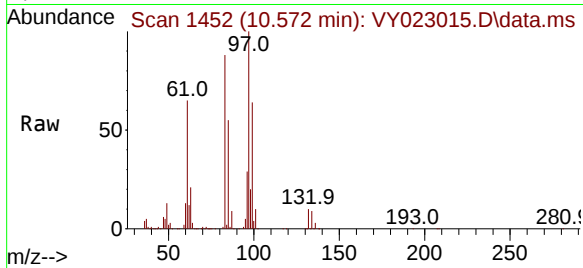


#55
1,1,2-Trichloroethane
Concen: 49.876 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 177418

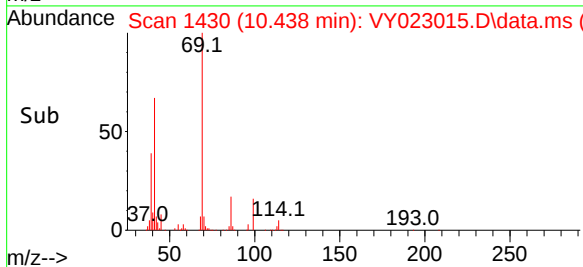
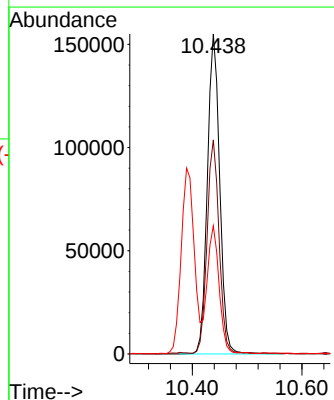
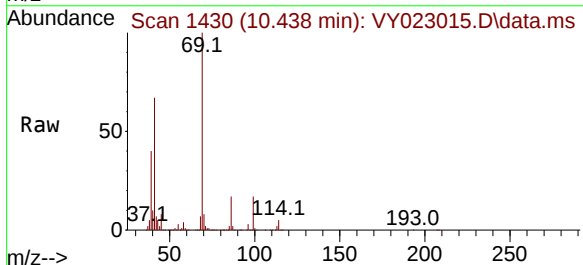
Ion	Ratio	Lower	Upper
97	100		
83	87.7	70.2	105.2
85	55.4	46.2	69.2
99	64.1	51.5	77.3

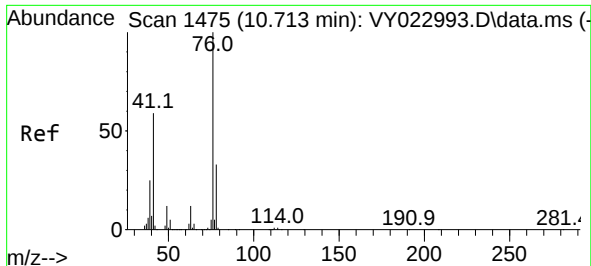


#56
Ethyl methacrylate
Concen: 54.291 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 69 Resp: 241078

Ion	Ratio	Lower	Upper
69	100		
41	64.7	51.0	76.4
39	39.3	30.6	46.0





#57

1,3-Dichloropropane

Concen: 50.497 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

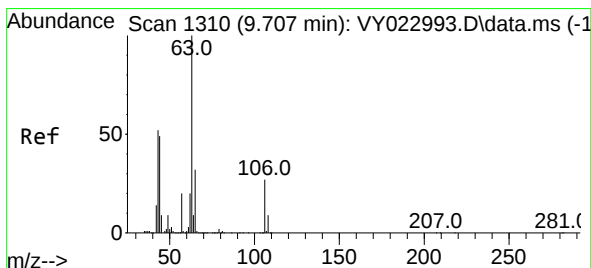
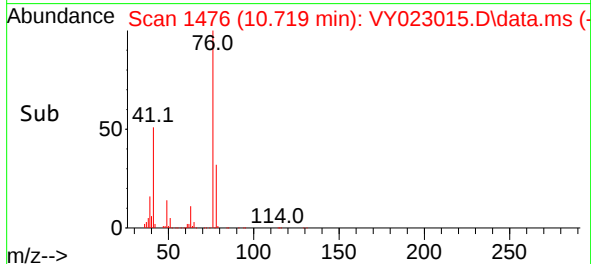
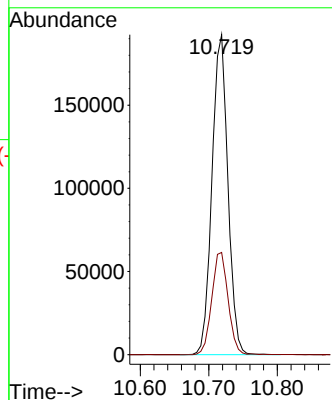
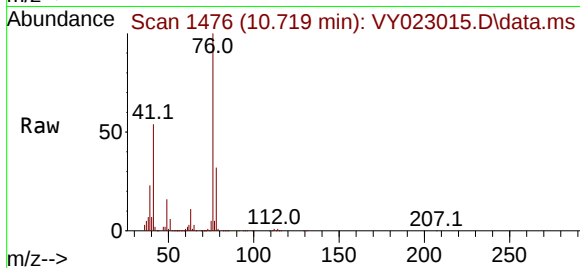
VSTDCCC050

Tgt Ion: 76 Resp: 310300

Ion Ratio Lower Upper

76 100

78 32.9 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 275.393 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.006 min

Lab File: VY023015.D

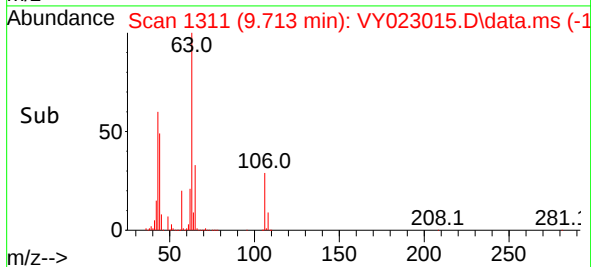
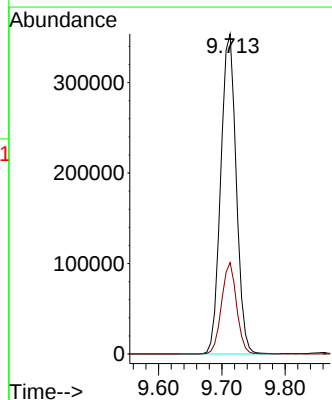
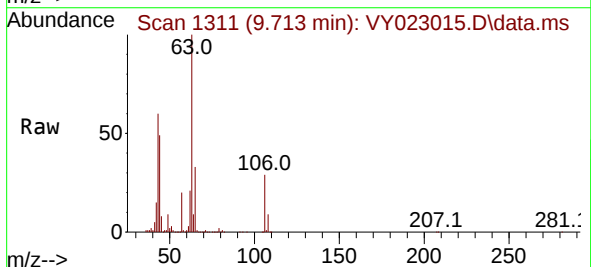
Acq: 21 Jul 2025 10:08

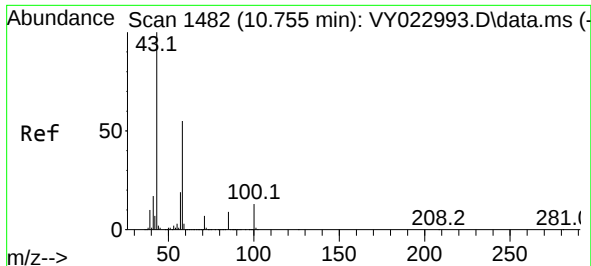
Tgt Ion: 63 Resp: 598615

Ion Ratio Lower Upper

63 100

106 27.6 22.6 33.8

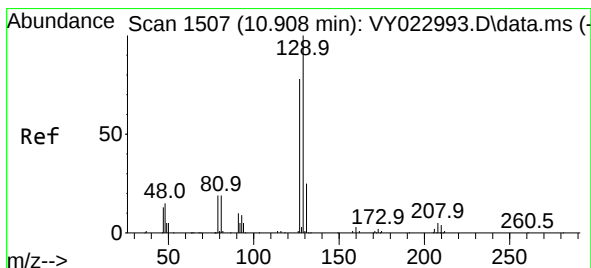
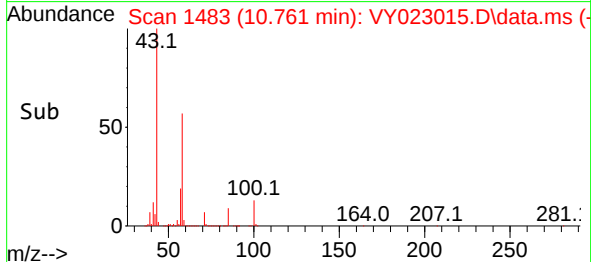
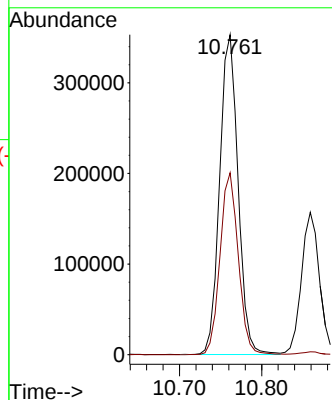
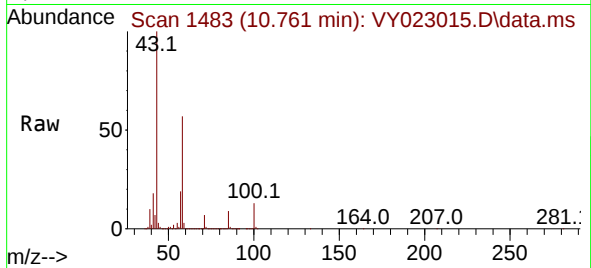




#59
2-Hexanone
Concen: 298.947 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

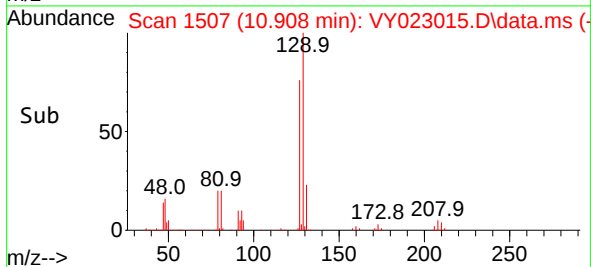
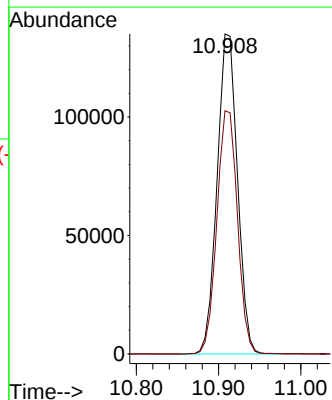
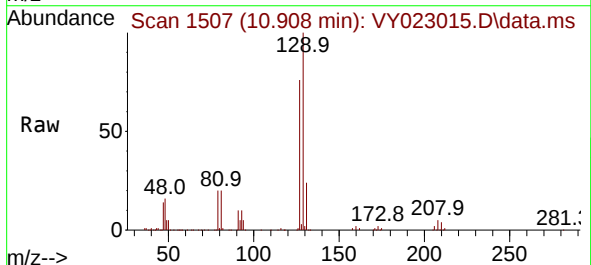
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

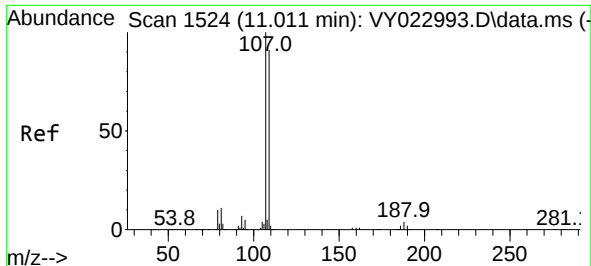
Tgt Ion: 43 Resp: 547928
Ion Ratio Lower Upper
43 100
58 56.6 28.1 84.3



#60
Dibromochloromethane
Concen: 49.953 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 129 Resp: 232680
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

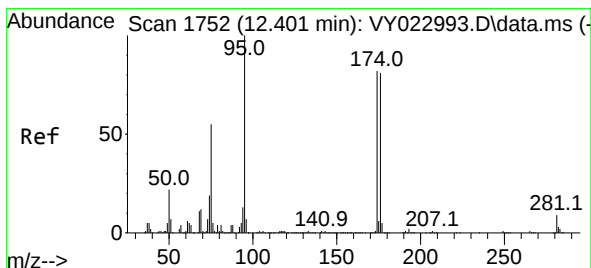
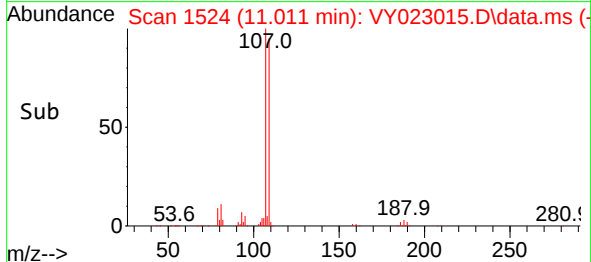
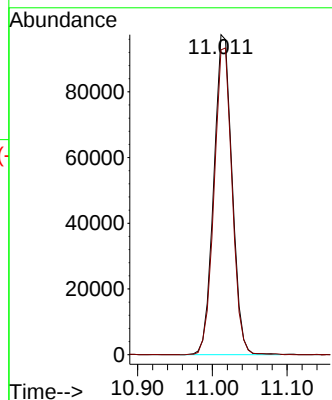
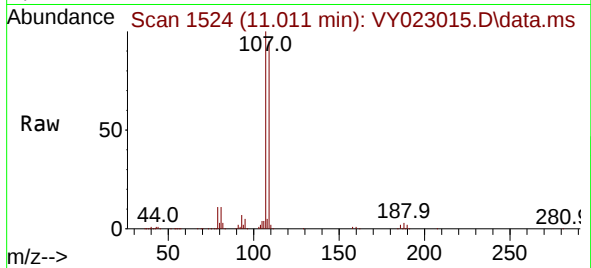




#61
1,2-Dibromoethane
Concen: 51.415 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

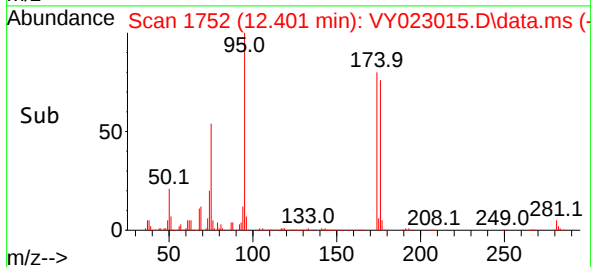
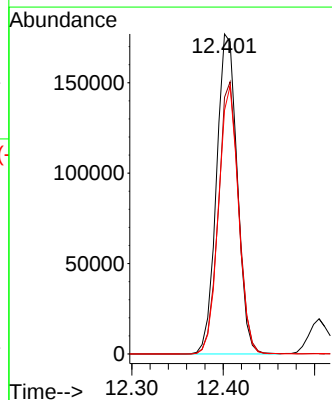
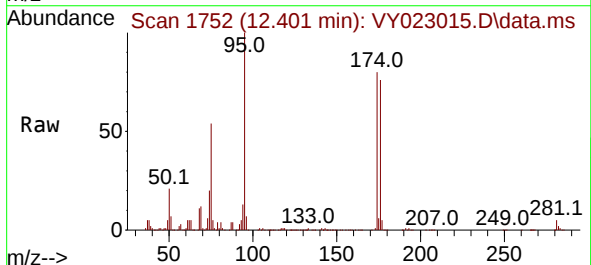
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

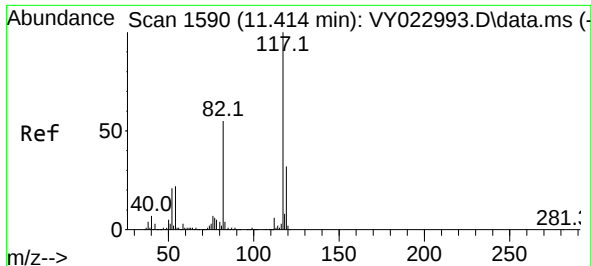
Tgt Ion:107 Resp: 166085
Ion Ratio Lower Upper
107 100
109 94.2 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 47.233 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 95 Resp: 278747
Ion Ratio Lower Upper
95 100
174 83.1 0.0 170.8
176 80.7 0.0 163.6

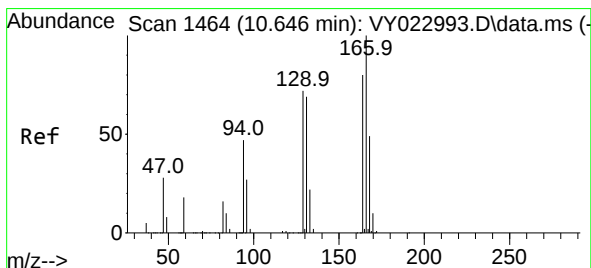
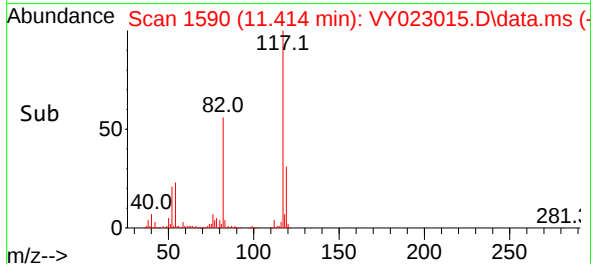
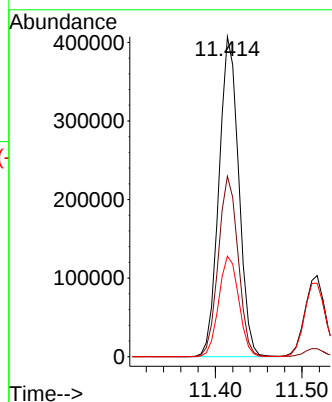
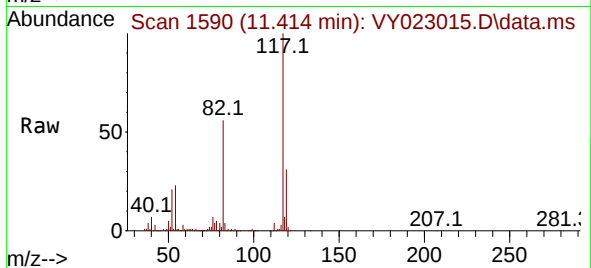




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

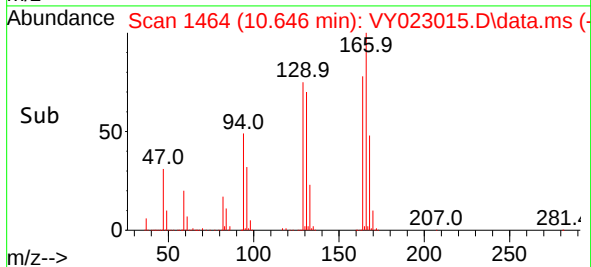
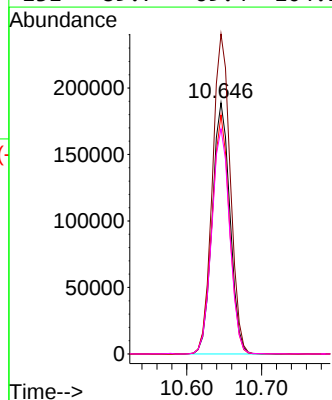
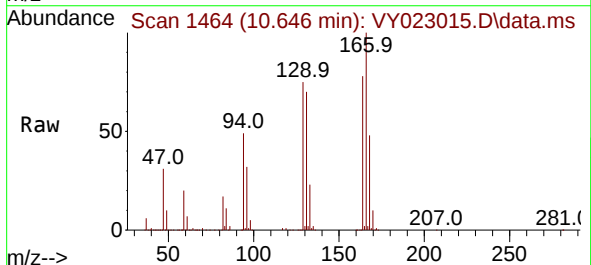
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

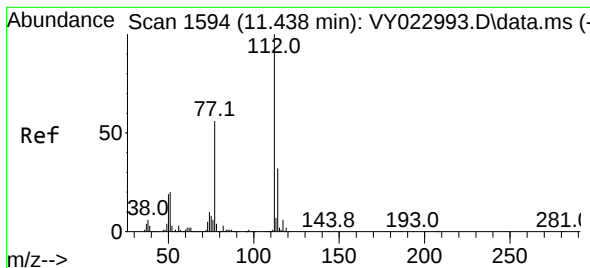
Tgt Ion:117 Resp: 646276
Ion Ratio Lower Upper
117 100
82 56.4 44.3 66.5
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 46.956 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:164 Resp: 310183
Ion Ratio Lower Upper
164 100
166 127.4 100.2 150.2
129 95.2 71.7 107.5
131 89.7 69.4 104.2

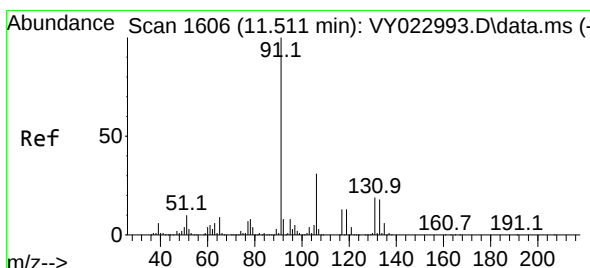
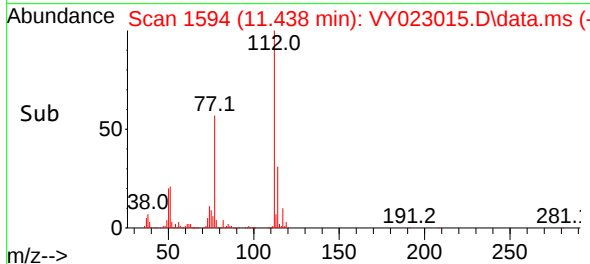
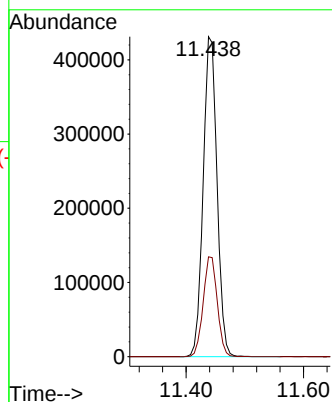
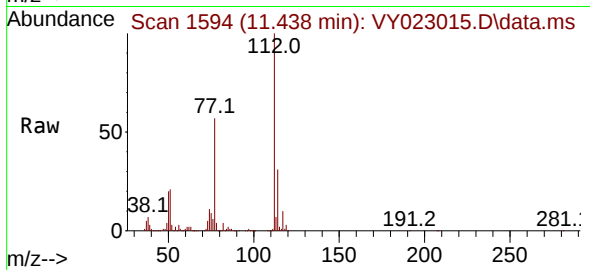




#65
Chlorobenzene
Concen: 46.305 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

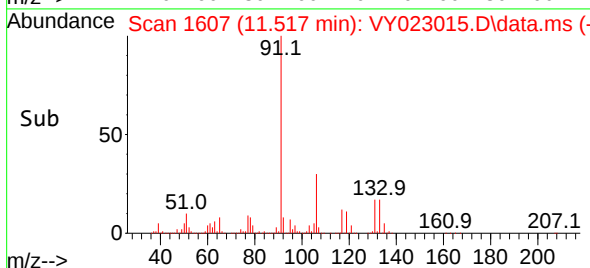
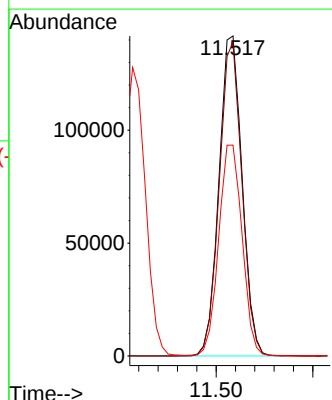
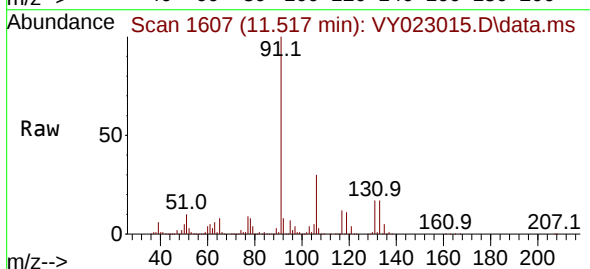
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

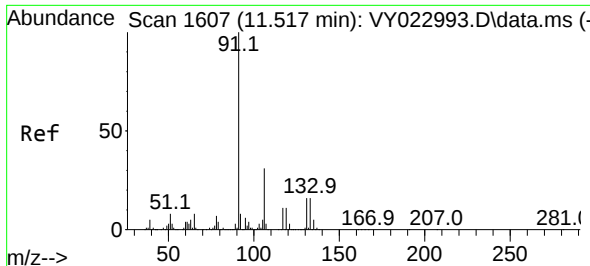
Tgt Ion:112 Resp: 706161
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 45.267 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:131 Resp: 235455
Ion Ratio Lower Upper
131 100
133 95.8 47.8 143.3
119 66.8 33.3 99.8





#67

Ethyl Benzene

Concen: 46.541 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

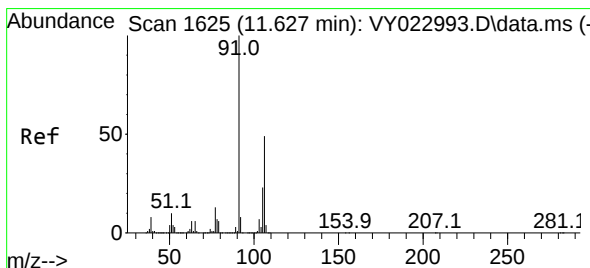
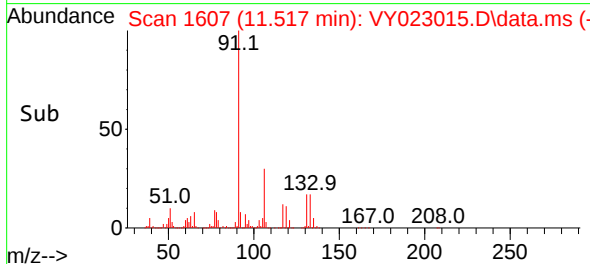
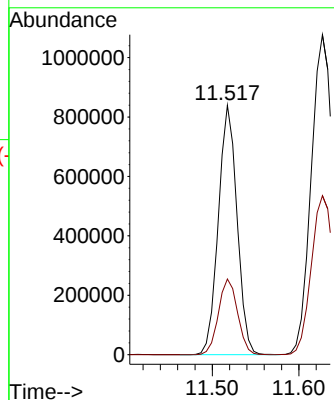
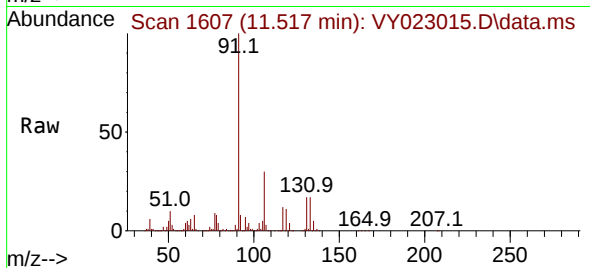
VSTDCCC050

Tgt Ion: 91 Resp: 1258041

Ion Ratio Lower Upper

91 100

106 30.4 24.6 37.0



#68

m/p-Xylenes

Concen: 93.198 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VY023015.D

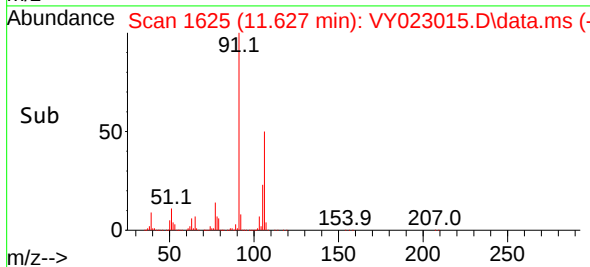
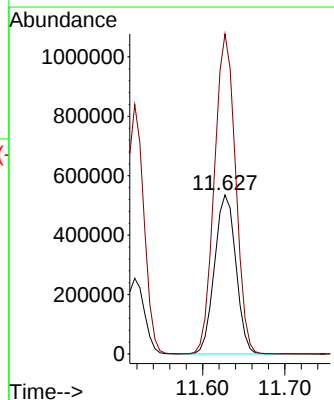
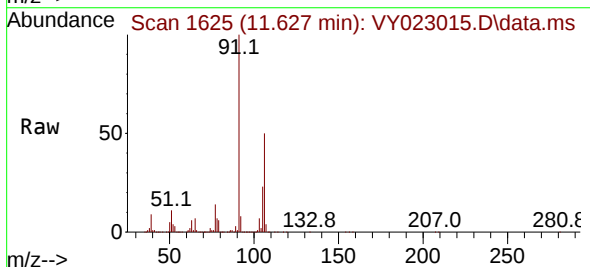
Acq: 21 Jul 2025 10:08

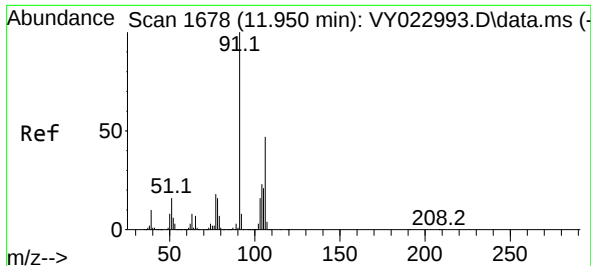
Tgt Ion:106 Resp: 966289

Ion Ratio Lower Upper

106 100

91 199.6 159.8 239.8

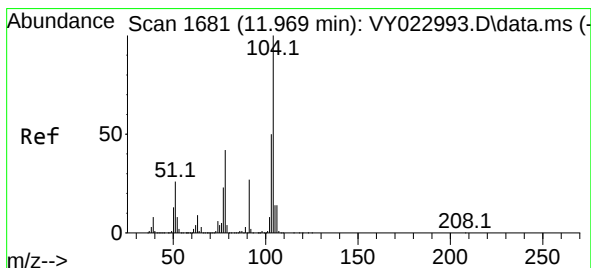
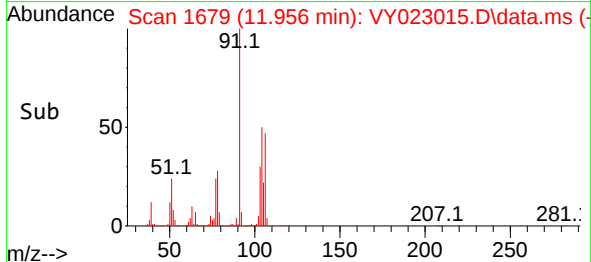
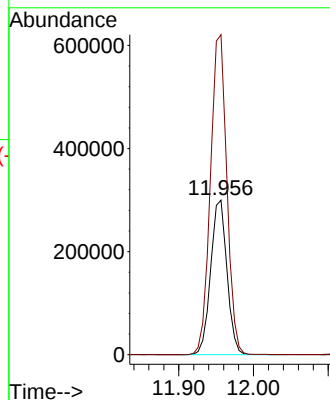
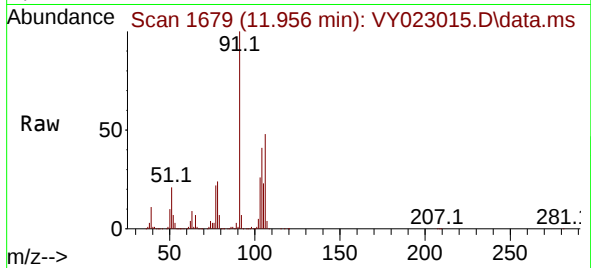




#69
o-Xylene
Concen: 47.267 ug/l
RT: 11.956 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

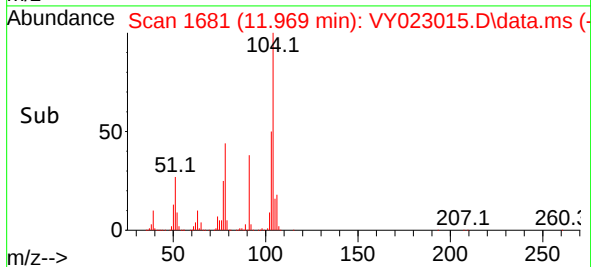
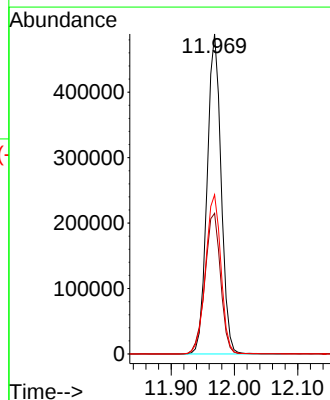
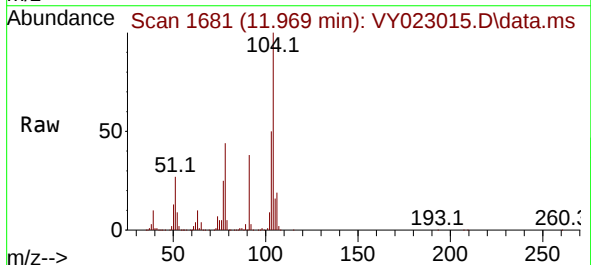
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

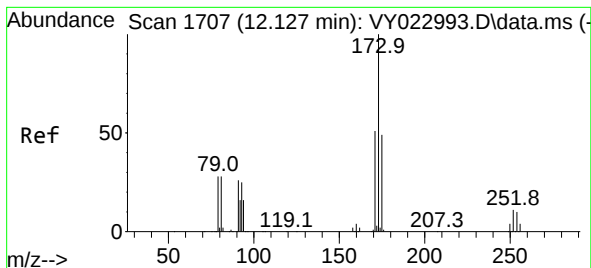
Tgt Ion:106 Resp: 454809
Ion Ratio Lower Upper
106 100
91 209.3 106.3 318.8



#70
Styrene
Concen: 47.820 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:104 Resp: 753693
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.6
103 54.6 43.7 65.5





#71

Bromoform

Concen: 50.776 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

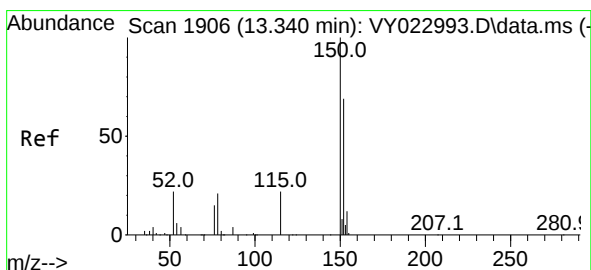
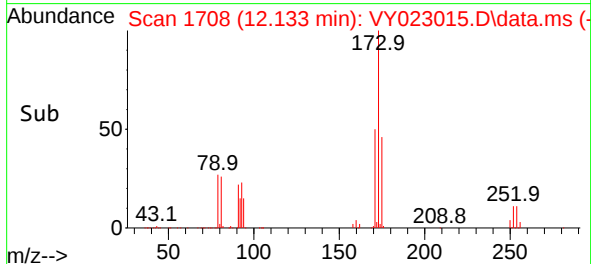
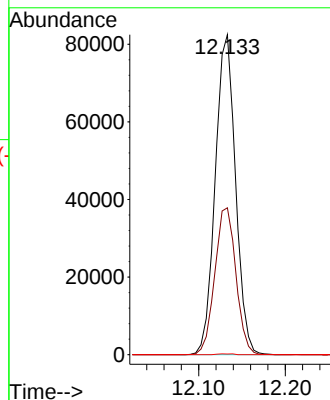
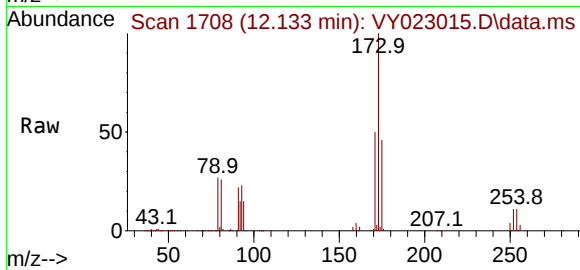
Tgt Ion:173 Resp: 134080

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.2 0.2 0.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

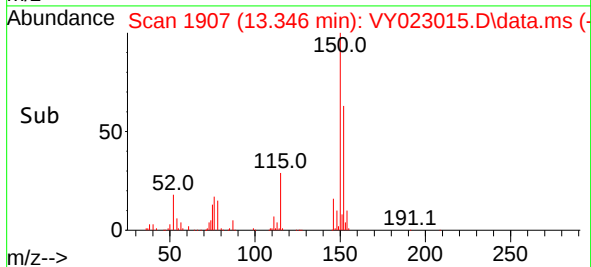
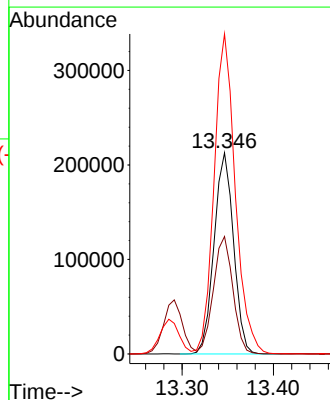
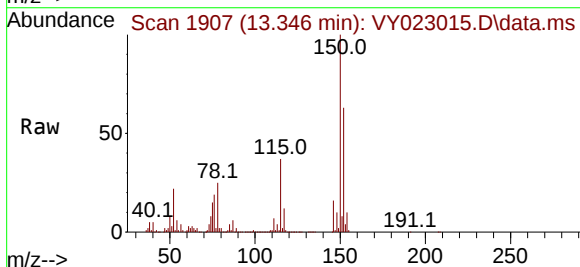
Tgt Ion:152 Resp: 315391

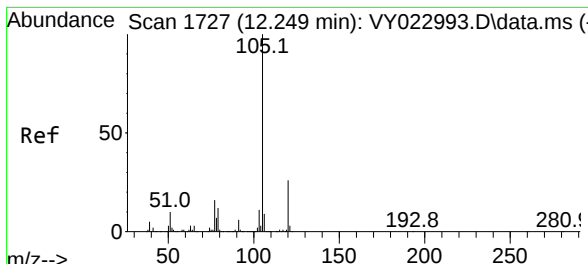
Ion Ratio Lower Upper

152 100

115 58.5 29.4 88.2

150 173.1 0.0 350.0

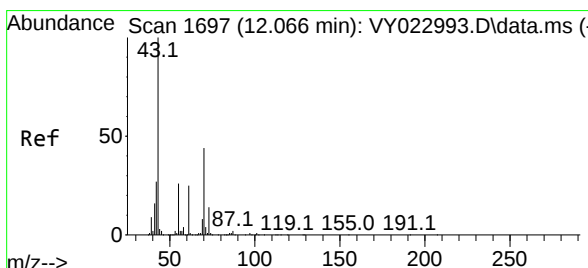
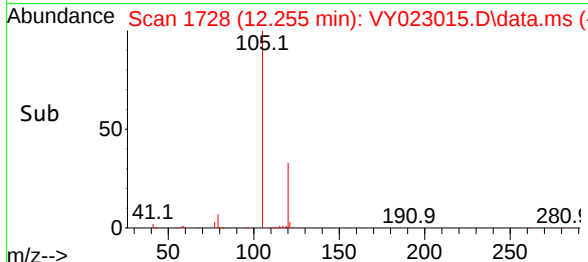
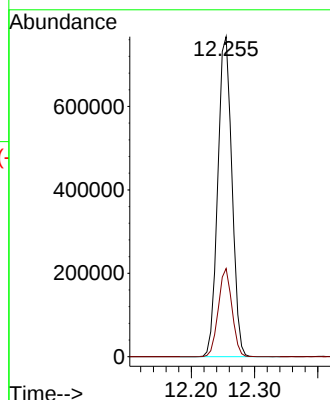
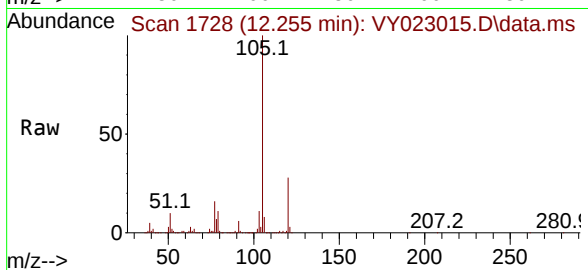




#73
Isopropylbenzene
Concen: 44.271 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

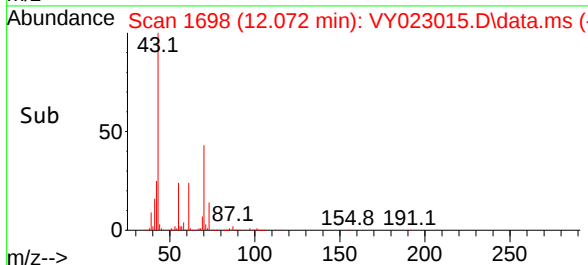
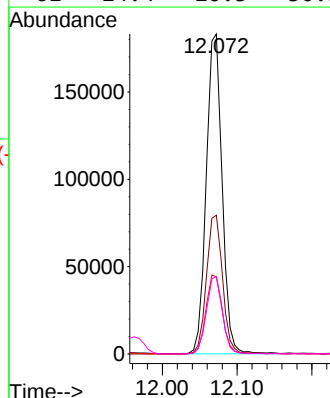
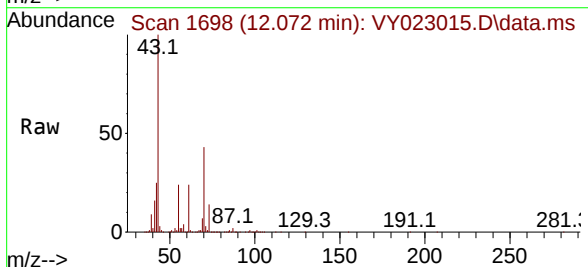
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

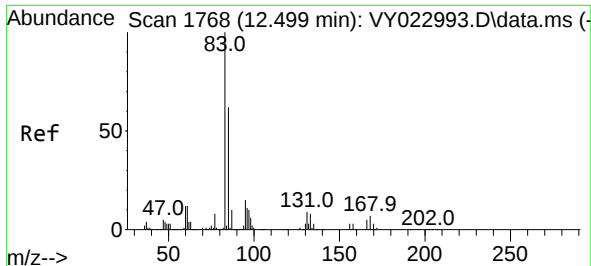
Tgt Ion:105 Resp: 1183789
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6



#74
N-ethyl acetate
Concen: 53.395 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 43 Resp: 269180
Ion Ratio Lower Upper
43 100
70 44.1 36.2 54.2
55 25.8 20.9 31.3
61 24.4 20.3 30.5

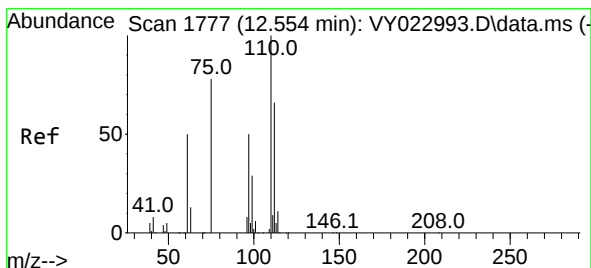
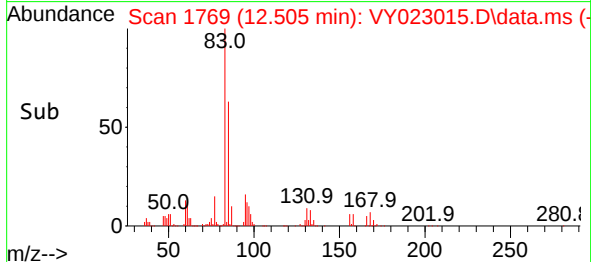
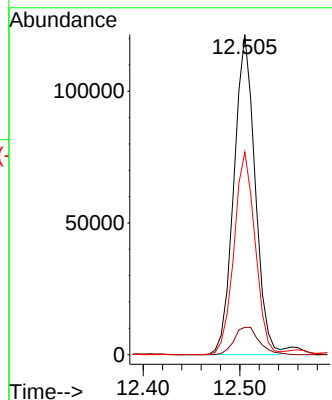
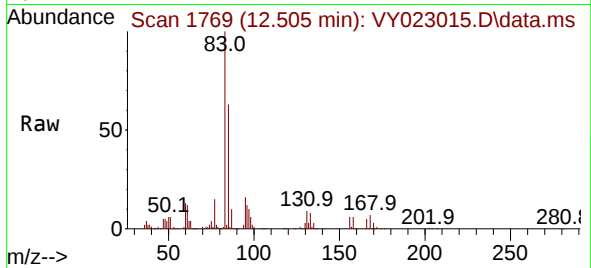




#75
 1,1,2,2-Tetrachloroethane
 Concen: 47.749 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.006 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

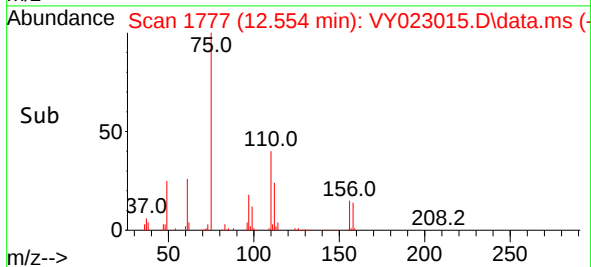
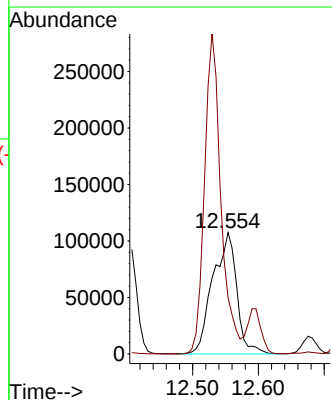
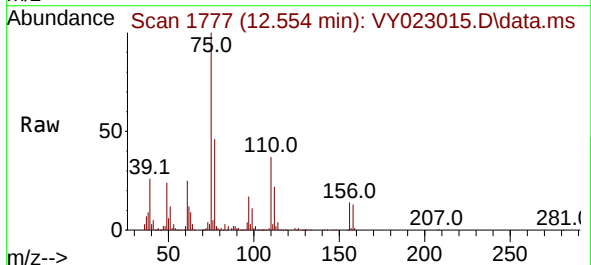
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

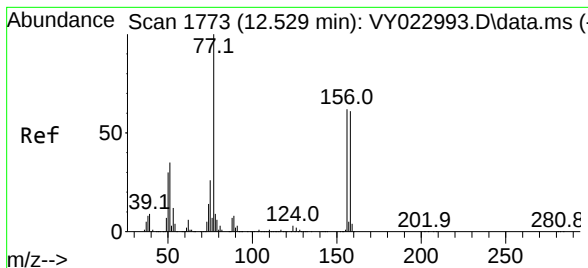
Tgt Ion: 83 Resp: 184767
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.4
 85 63.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 69.200 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. -0.000 min
 Lab File: VY023015.D
 Acq: 21 Jul 2025 10:08

Tgt Ion: 75 Resp: 271958
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

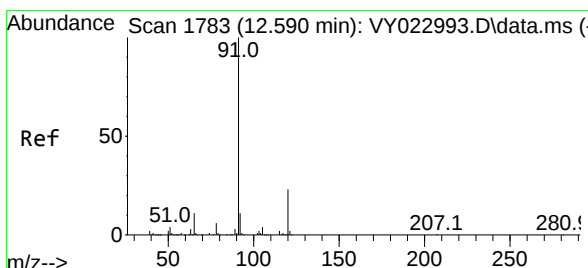
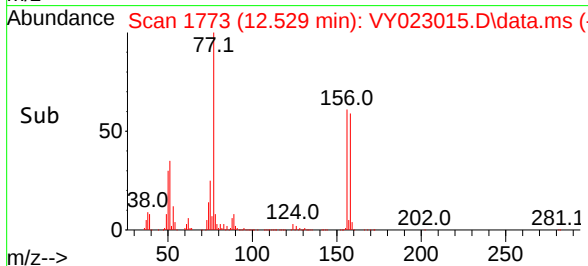
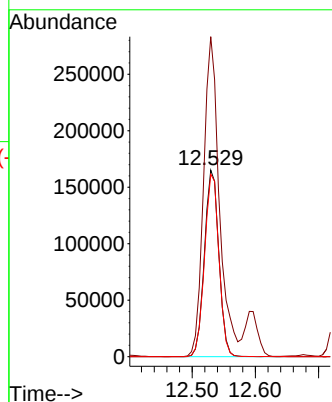
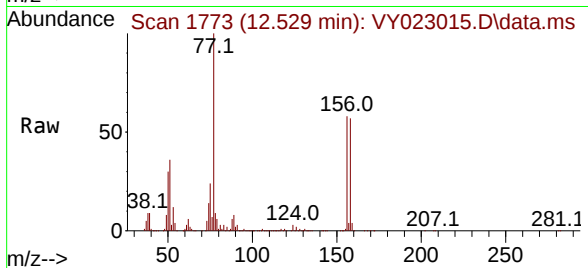




#77
Bromobenzene
Concen: 45.276 ug/l
RT: 12.529 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

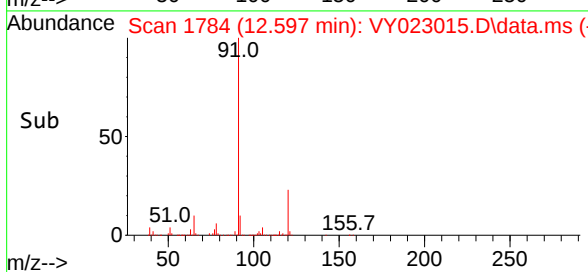
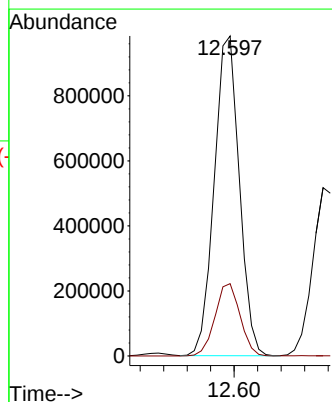
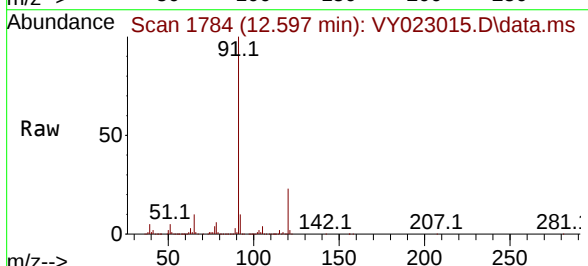
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

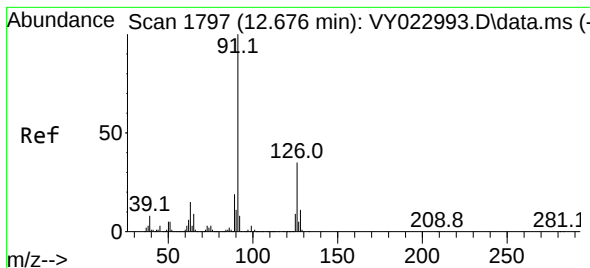
Tgt Ion:156 Resp: 262574
Ion Ratio Lower Upper
156 100
77 187.4 92.0 276.1
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 45.698 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 91 Resp: 1455137
Ion Ratio Lower Upper
91 100
120 22.6 11.3 33.8

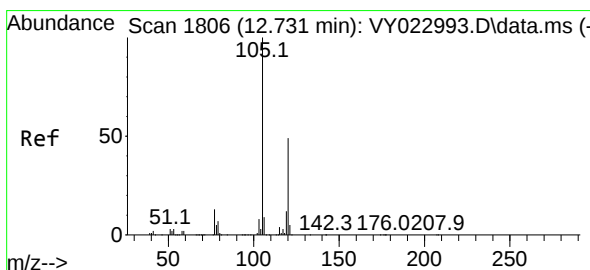
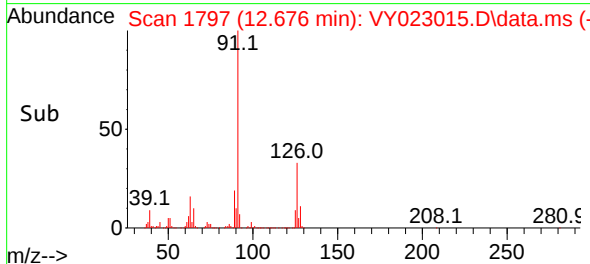
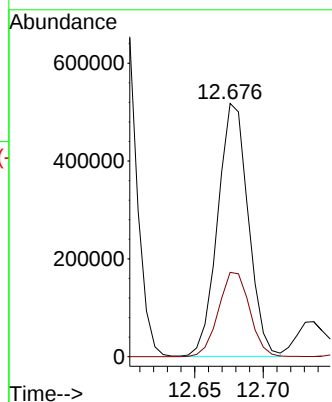
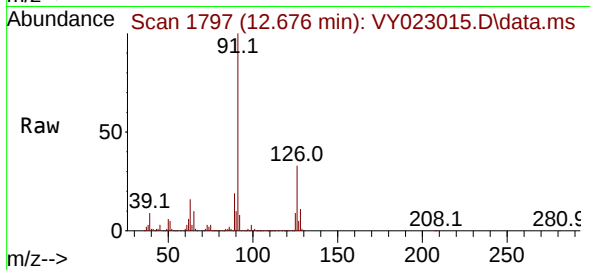




#79
2-Chlorotoluene
Concen: 44.865 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

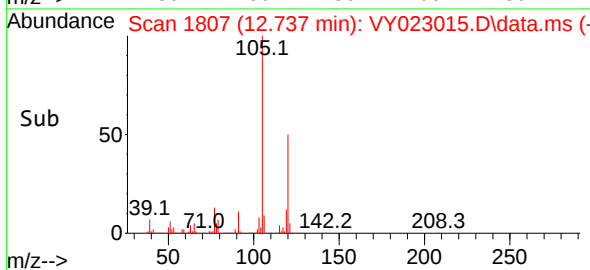
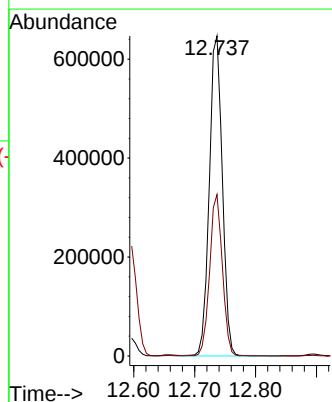
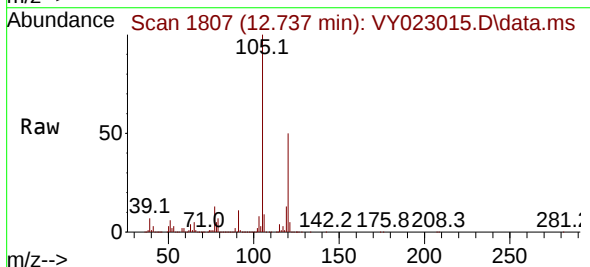
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

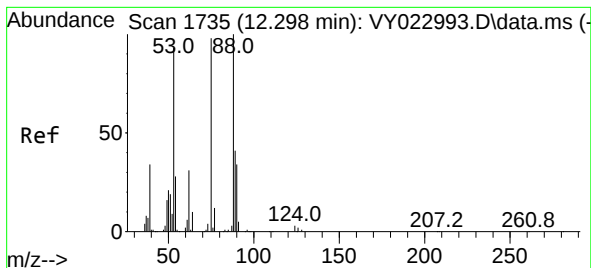
Tgt Ion: 91 Resp: 803482
Ion Ratio Lower Upper
91 100
126 34.0 17.0 50.9



#80
1,3,5-Trimethylbenzene
Concen: 45.590 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:105 Resp: 961475
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.8

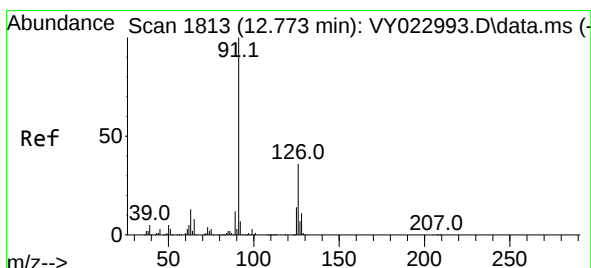
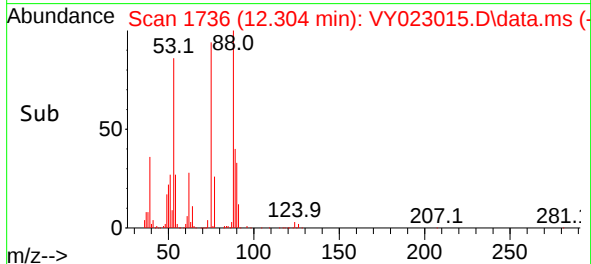
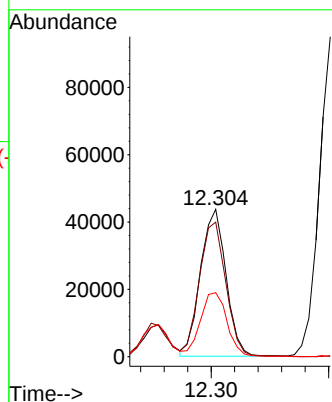
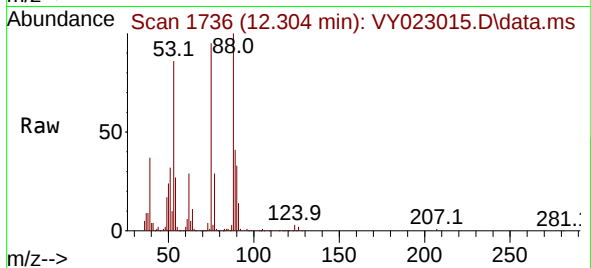




#81
trans-1,4-Dichloro-2-butene
Concen: 49.983 ug/l
RT: 12.304 min Scan# 1735
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

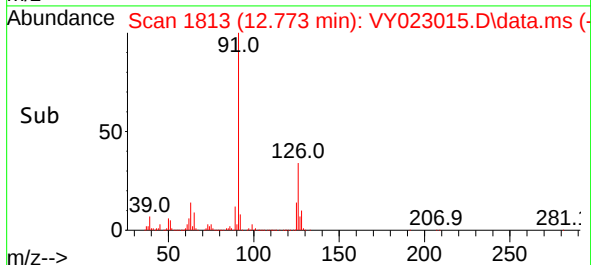
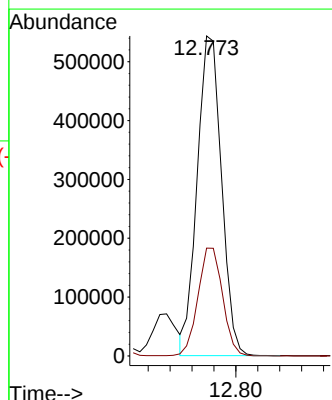
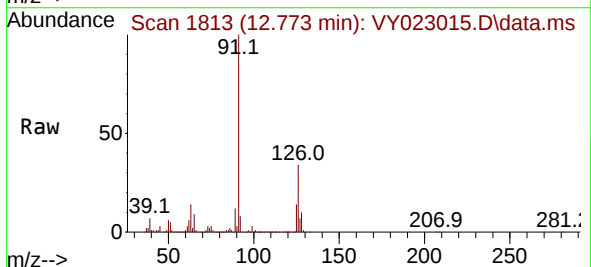
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

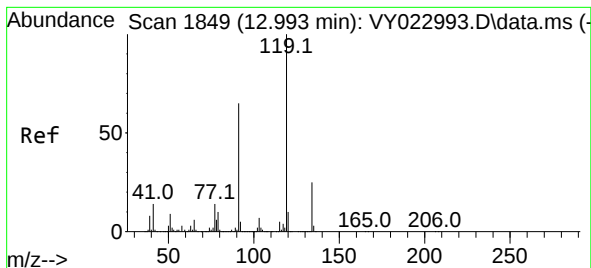
Tgt Ion: 75 Resp: 65951
Ion Ratio Lower Upper
75 100
53 95.6 76.1 114.1
89 46.0 36.1 54.1



#82
4-Chlorotoluene
Concen: 46.371 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion: 91 Resp: 837576
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.5

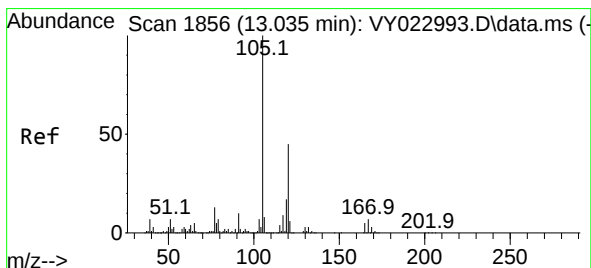
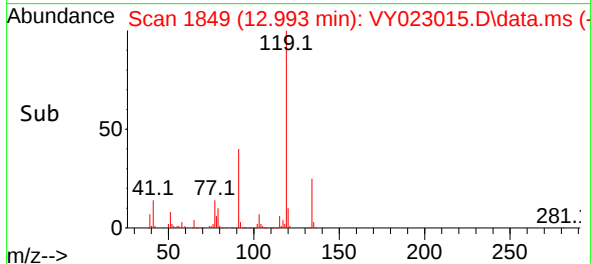
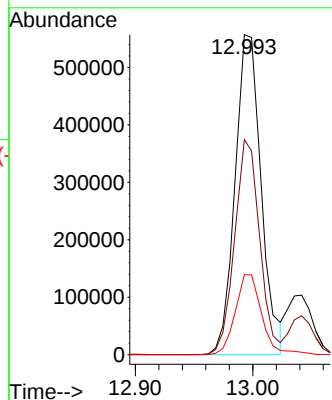
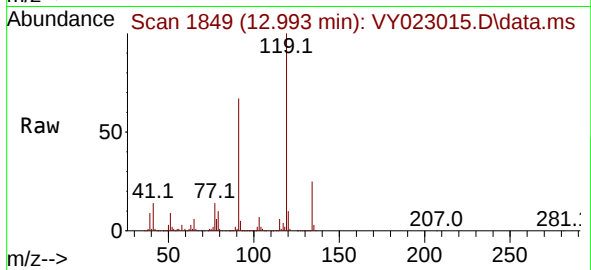




#83
tert-Butylbenzene
Concen: 45.312 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

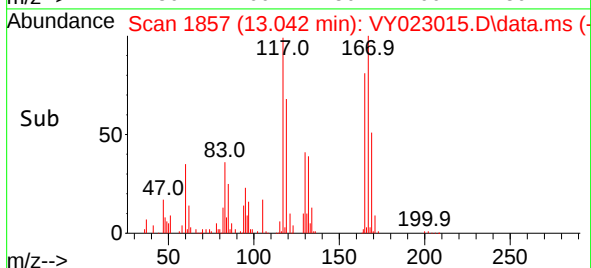
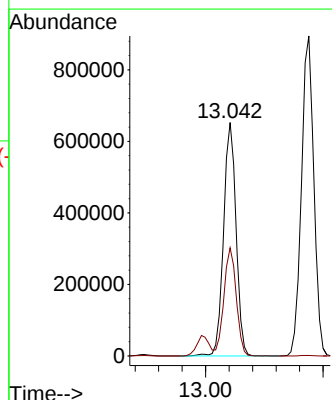
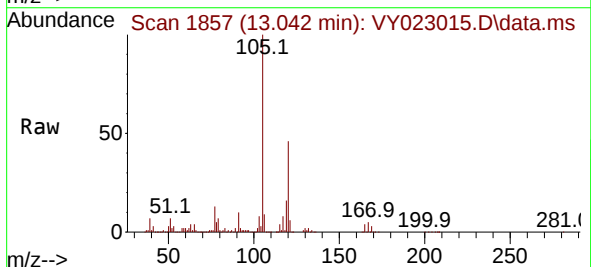
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

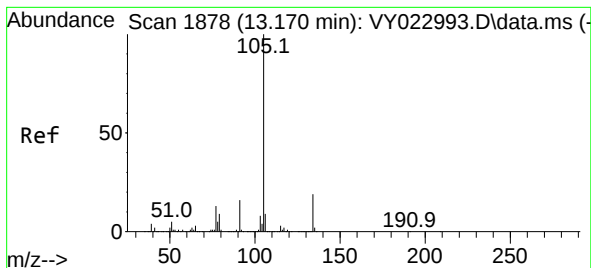
Tgt Ion:119 Resp: 863185
Ion Ratio Lower Upper
119 100
91 64.4 32.0 96.2
134 25.4 12.6 37.6



#84
1,2,4-Trimethylbenzene
Concen: 46.371 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:105 Resp: 962658
Ion Ratio Lower Upper
105 100
120 46.1 22.9 68.8





#85

sec-Butylbenzene

Concen: 45.684 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

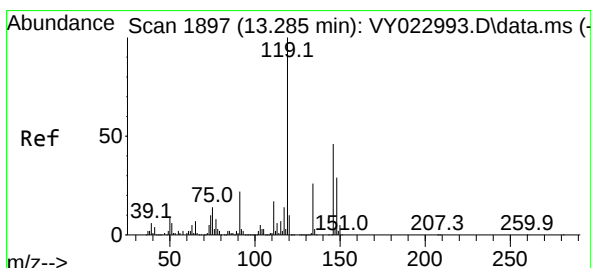
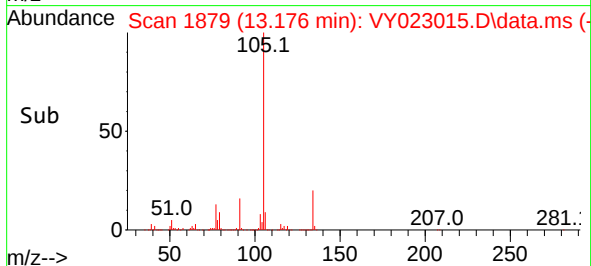
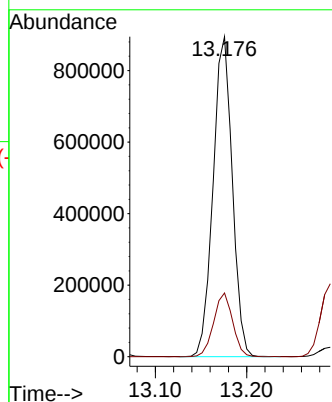
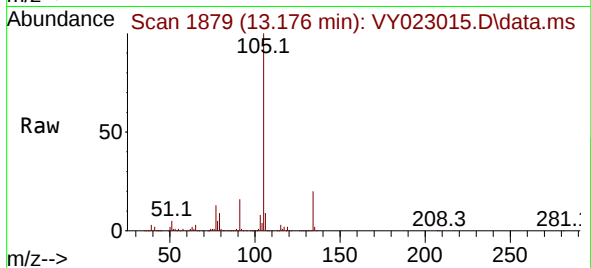
VSTDCCC050

Tgt Ion:105 Resp: 1304191

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.5



#86

p-Isopropyltoluene

Concen: 46.286 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

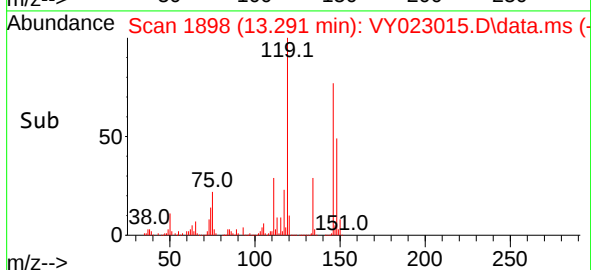
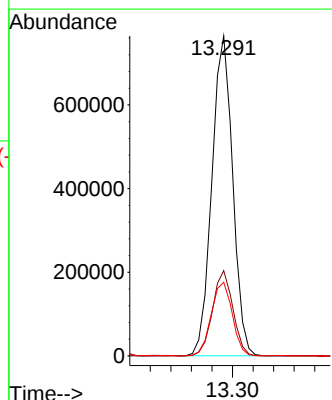
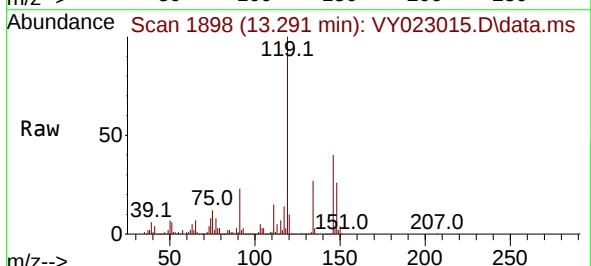
Tgt Ion:119 Resp: 1073149

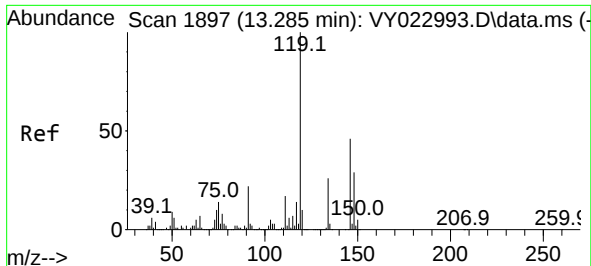
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.4 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 45.514 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

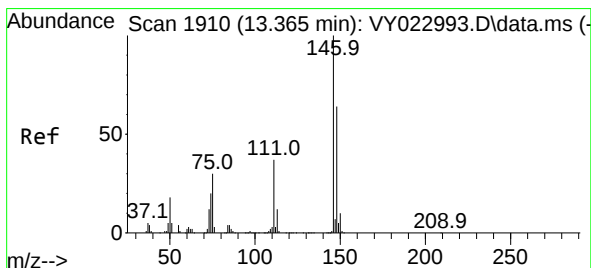
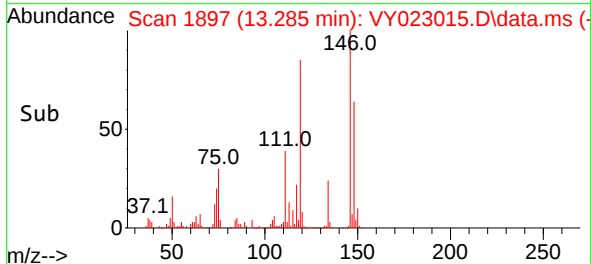
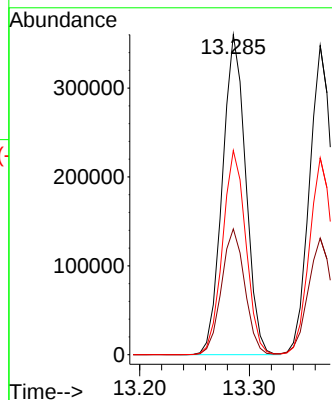
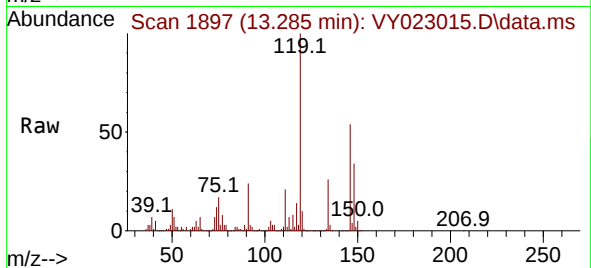
Tgt Ion:146 Resp: 532686

Ion Ratio Lower Upper

146 100

111 39.2 19.8 59.3

148 63.7 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 45.391 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

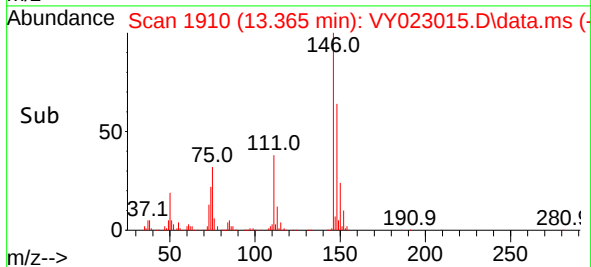
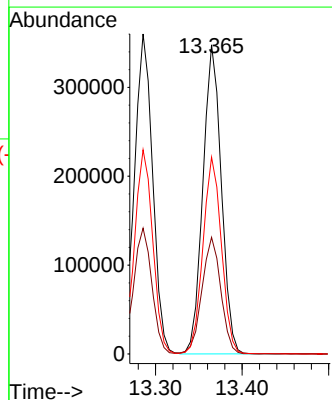
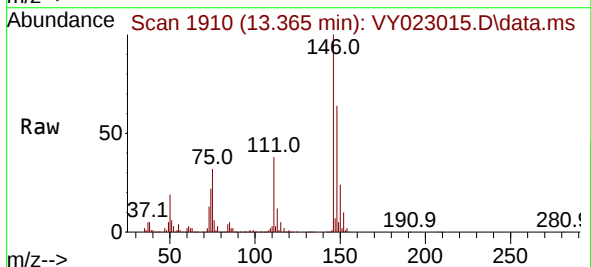
Tgt Ion:146 Resp: 513938

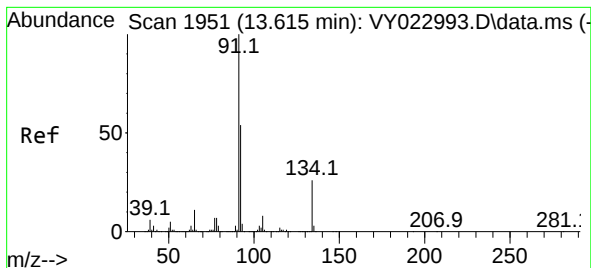
Ion Ratio Lower Upper

146 100

111 38.6 19.2 57.6

148 63.9 31.9 95.5





#89

n-Butylbenzene

Concen: 47.189 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

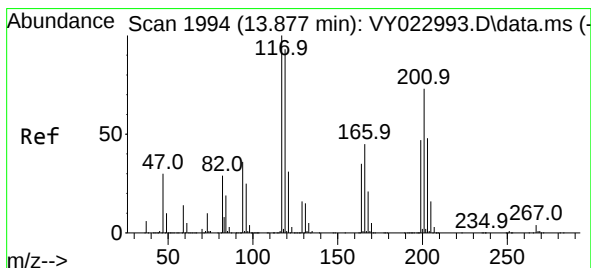
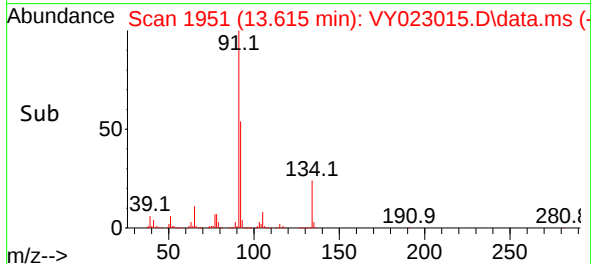
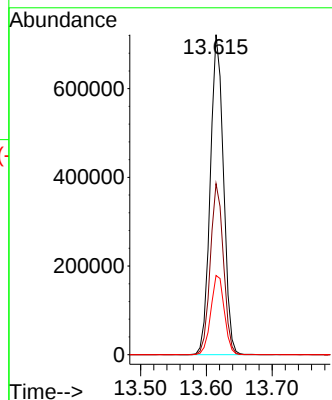
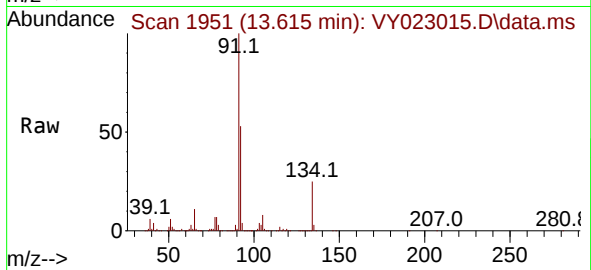
Tgt Ion: 91 Resp: 1009588

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 25.3 12.6 37.6



#90

Hexachloroethane

Concen: 44.550 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VY023015.D

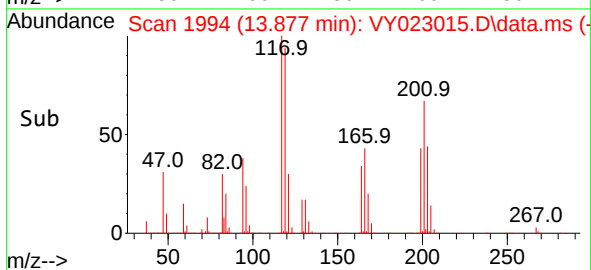
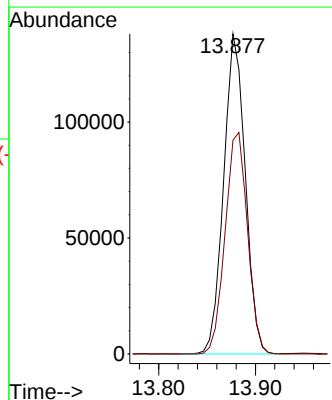
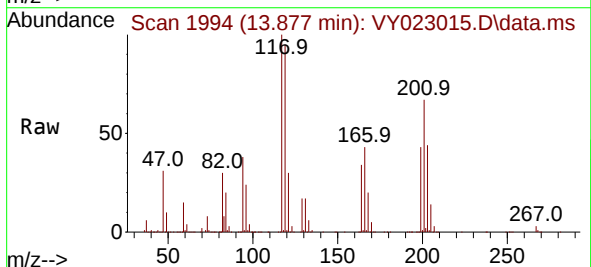
Acq: 21 Jul 2025 10:08

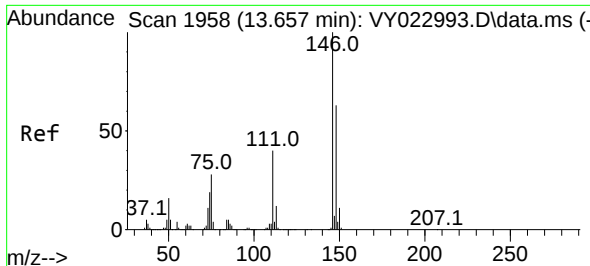
Tgt Ion: 117 Resp: 213851

Ion Ratio Lower Upper

117 100

201 71.9 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 46.577 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. -0.000 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

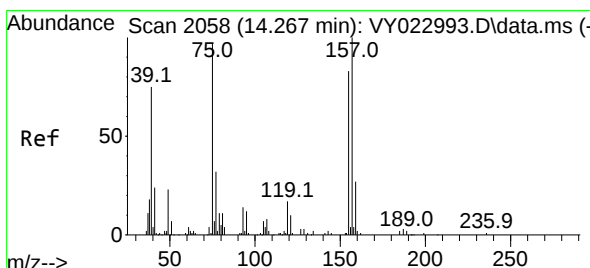
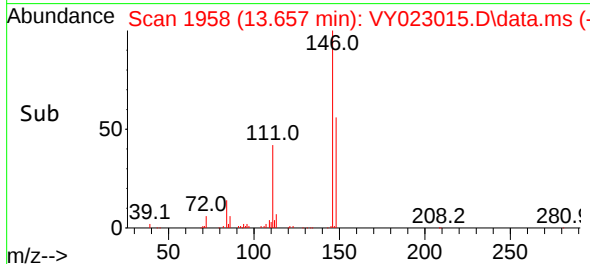
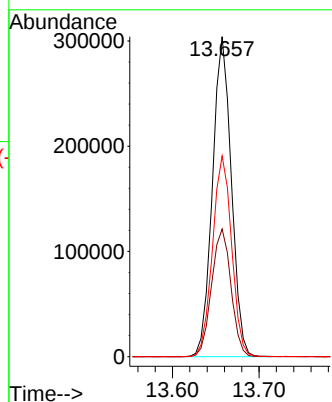
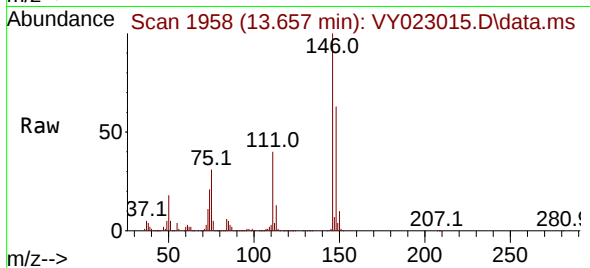
Tgt Ion:146 Resp: 459820

Ion Ratio Lower Upper

146 100

111 41.1 20.3 61.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.638 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

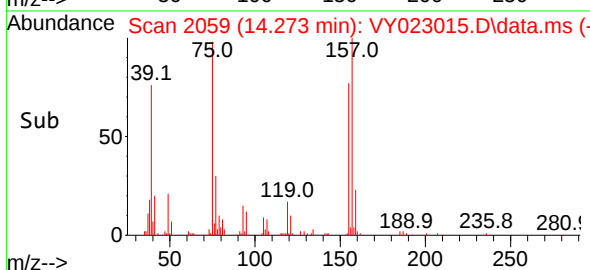
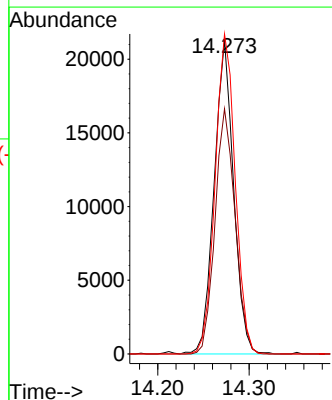
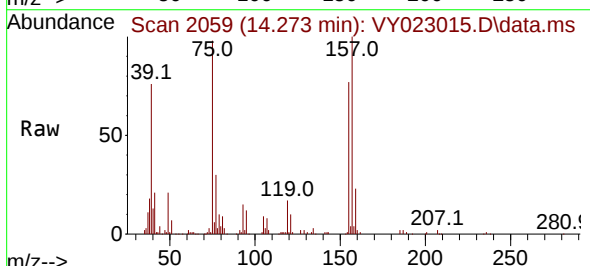
Tgt Ion: 75 Resp: 31393

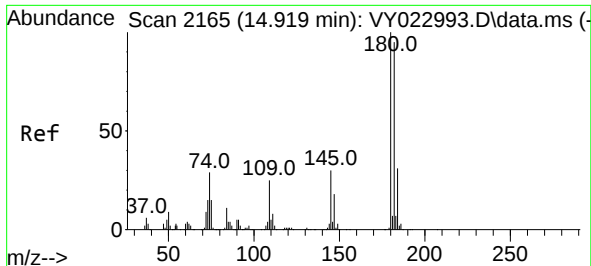
Ion Ratio Lower Upper

75 100

155 81.0 42.8 128.3

157 105.8 54.3 162.9

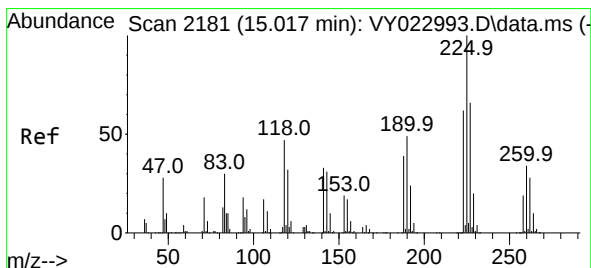
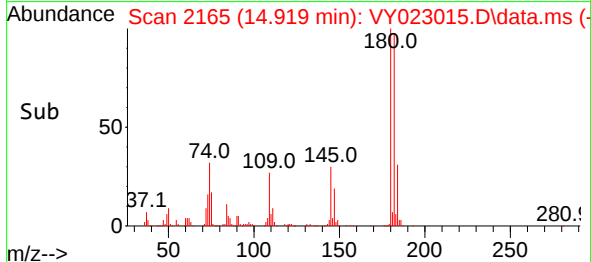
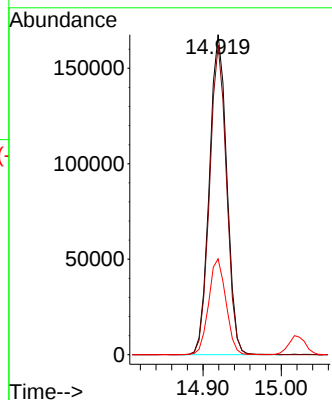
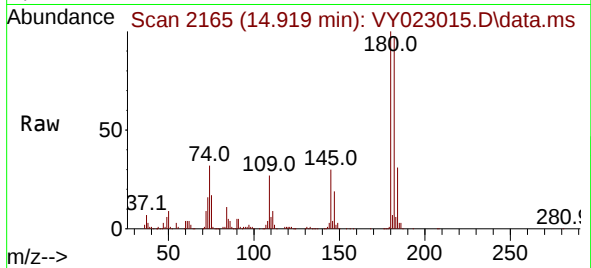




#93
1,2,4-Trichlorobenzene
Concen: 49.693 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

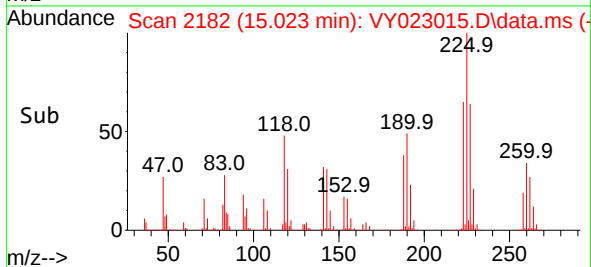
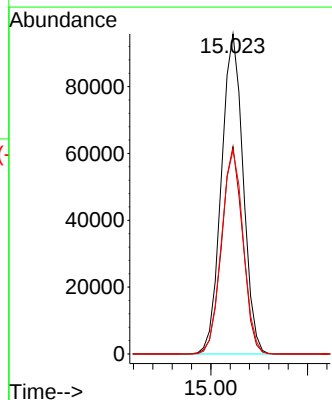
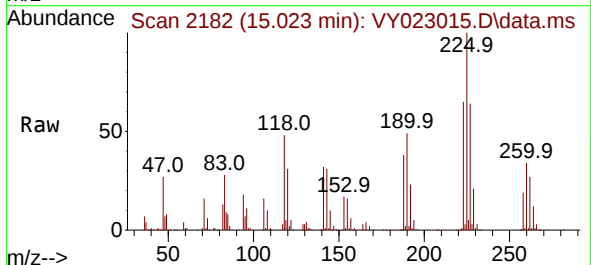
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

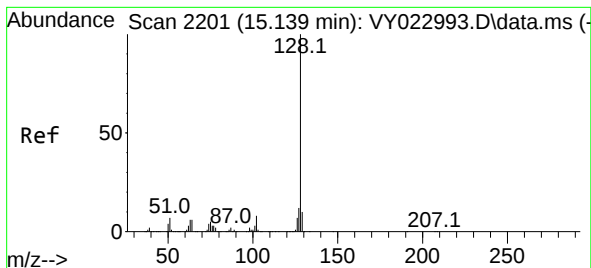
Tgt Ion:180 Resp: 258596
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 29.7 14.9 44.9



#94
Hexachlorobutadiene
Concen: 45.491 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023015.D
Acq: 21 Jul 2025 10:08

Tgt Ion:225 Resp: 149247
Ion Ratio Lower Upper
225 100
223 62.7 31.4 94.0
227 63.8 32.1 96.5





#95

Naphthalene

Concen: 56.375 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050

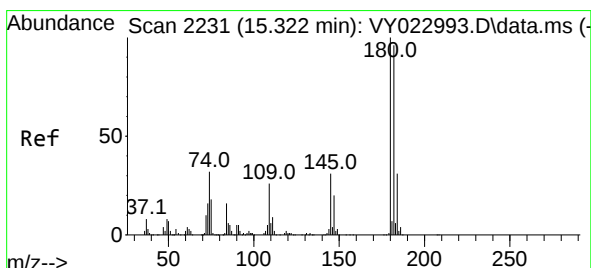
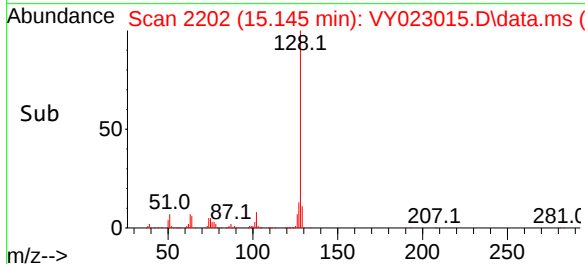
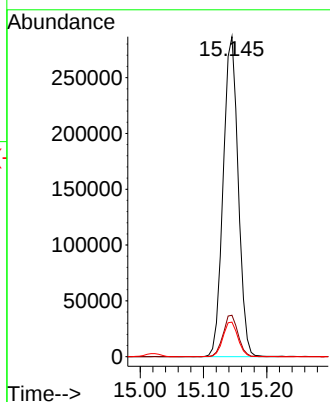
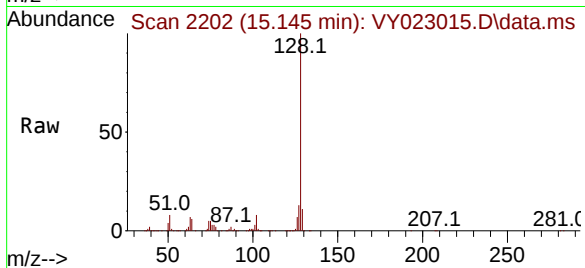
Tgt Ion:128 Resp: 470535

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 51.312 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY023015.D

Acq: 21 Jul 2025 10:08

Tgt Ion:180 Resp: 220477

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 31.4 15.8 47.4

