

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063468.D
 Acq On : 10 Jul 2025 08:54
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 11 04:44:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	124357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	221792	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	201447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.801	152	104401	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	81305	51.243	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.480%	
35) Dibromofluoromethane	5.277	113	65018	48.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.260%	
50) Toluene-d8	7.888	98	208129	47.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	10.624	95	97202	50.993	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.980%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	48429	48.966	ug/l	100
3) Chloromethane	1.518	50	55006	45.661	ug/l	98
4) Vinyl Chloride	1.599	62	64583	48.349	ug/l	99
5) Bromomethane	1.840	94	47628	50.892	ug/l	98
6) Chloroethane	1.920	64	44586	46.068	ug/l	96
7) Trichlorofluoromethane	2.126	101	108151	50.188	ug/l	100
8) Diethyl Ether	2.370	74	44613	49.677	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.567	101	67151	52.686	ug/l	97
10) Methyl Iodide	2.708	142	69619	52.293	ug/l	97
11) Tert butyl alcohol	3.187	59	144255	271.166	ug/l	98
12) 1,1-Dichloroethene	2.567	96	58873	49.621	ug/l	93
13) Acrolein	2.477	56	19030	253.435	ug/l	92
14) Allyl chloride	2.907	41	137487	48.683	ug/l	97
15) Acrylonitrile	3.303	53	315555	276.924	ug/l	99
16) Acetone	2.618	43	394236	296.202	ug/l	99
17) Carbon Disulfide	2.779	76	119943	42.290	ug/l	99
18) Methyl Acetate	2.940	43	185990	54.300	ug/l	98
19) Methyl tert-butyl Ether	3.358	73	262545	51.310	ug/l	99
20) Methylene Chloride	3.030	84	77607	39.990	ug/l	98
21) trans-1,2-Dichloroethene	3.335	96	58950	46.247	ug/l	94
22) Diisopropyl ether	3.988	45	241700	50.263	ug/l	99
23) Vinyl Acetate	3.946	43	1007684	270.066	ug/l	99
24) 1,1-Dichloroethane	3.849	63	137258	50.294	ug/l	97
25) 2-Butanone	4.702	43	438737	293.638	ug/l	99
26) 2,2-Dichloropropane	4.647	77	123403	51.973	ug/l	98
27) cis-1,2-Dichloroethene	4.650	96	86297	51.290	ug/l	97
28) Bromochloromethane	4.959	49	66760	52.076	ug/l	100
29) Tetrahydrofuran	5.049	42	257304	272.994	ug/l	100
30) Chloroform	5.071	83	147217	51.094	ug/l	97
31) Cyclohexane	5.367	56	103922	47.368	ug/l	99
32) 1,1,1-Trichloroethane	5.300	97	129466	52.771	ug/l	98
36) 1,1-Dichloropropene	5.512	75	89252	49.132	ug/l	99
37) Ethyl Acetate	4.801	43	137153	46.619	ug/l	99
38) Carbon Tetrachloride	5.505	117	99067	49.495	ug/l	97
39) Methylcyclohexane	6.746	83	102027	46.482	ug/l	98
40) Benzene	5.759	78	282657	49.823	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	73081	52.645	ug/l	99
42) 1,2-Dichloroethane	5.782	62	111163	52.110	ug/l	99
43) Isopropyl Acetate	5.907	43	209928	53.721	ug/l	99
44) Trichloroethene	6.531	130	76841	50.613	ug/l	99
45) 1,2-Dichloropropane	6.779	63	80810	51.239	ug/l	98
46) Dibromomethane	6.907	93	59468	52.996	ug/l	99
47) Bromodichloromethane	7.094	83	120296	51.556	ug/l	99
48) Methyl methacrylate	6.955	41	94914	52.552	ug/l	100
49) 1,4-Dioxane	6.959	88	35031	883.889	ug/l	99
51) 4-Methyl-2-Pentanone	7.782	43	741298	262.094	ug/l	99
52) Toluene	7.959	92	181561	48.928	ug/l	98
53) t-1,3-Dichloropropene	8.200	75	107859	52.825	ug/l	98
54) cis-1,3-Dichloropropene	7.595	75	124084	54.288	ug/l	99
55) 1,1,2-Trichloroethane	8.390	97	80771	51.254	ug/l	96
56) Ethyl methacrylate	8.325	69	125105	49.213	ug/l	100
57) 1,3-Dichloropropane	8.566	76	131677	50.691	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.457	63	9022	341.778	ug/l	94
59) 2-Hexanone	8.676	43	559980	261.763	ug/l	99
60) Dibromochloromethane	8.798	129	94408	53.477	ug/l	98
61) 1,2-Dibromoethane	8.914	107	78457	50.725	ug/l	98
64) Tetrachloroethene	8.541	164	74799	49.878	ug/l	98
65) Chlorobenzene	9.438	112	214975	51.293	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.524	131	75292	52.383	ug/l	99
67) Ethyl Benzene	9.560	91	364515	50.605	ug/l	99
68) m/p-Xylenes	9.685	106	281629	102.445	ug/l	97
69) o-Xylene	10.090	106	139726	49.992	ug/l	99
70) Styrene	10.106	104	233861	52.623	ug/l	99
71) Bromoform	10.280	173	67807	54.124	ug/l #	100
73) Isopropylbenzene	10.473	105	368250	51.839	ug/l	99
74) N-amyl acetate	10.312	43	167066	52.442	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	140652	53.790	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	147808	53.429	ug/l #	81
77) Bromobenzene	10.772	156	92245	52.975	ug/l	98
78) n-propylbenzene	10.897	91	428148	51.970	ug/l	99
79) 2-Chlorotoluene	10.975	91	275667	53.353	ug/l	99
80) 1,3,5-Trimethylbenzene	11.078	105	324157	52.171	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.534	75	28439	51.271	ug/l	98
82) 4-Chlorotoluene	11.087	91	312135	53.212	ug/l	99
83) tert-Butylbenzene	11.409	119	313377	52.592	ug/l	98
84) 1,2,4-Trimethylbenzene	11.457	105	317864	52.097	ug/l	99
85) sec-Butylbenzene	11.634	105	411508	52.337	ug/l	99
86) p-Isopropyltoluene	11.785	119	336890	52.814	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	174184	51.910	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	177731	51.952	ug/l	100
89) n-Butylbenzene	12.200	91	309418	52.410	ug/l	99
90) Hexachloroethane	12.463	117	57232	53.645	ug/l	99
91) 1,2-Dichlorobenzene	12.203	146	176283	53.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.984	75	36510	58.954	ug/l	97
93) 1,2,4-Trichlorobenzene	13.830	180	113478	54.154	ug/l	98
94) Hexachlorobutadiene	14.010	225	48266	53.884	ug/l	97
95) Naphthalene	14.077	128	352772	51.406	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	108913	52.888	ug/l	99

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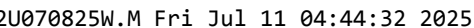
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MSVOA_U
ClientSampleId :
VSTDCCC050

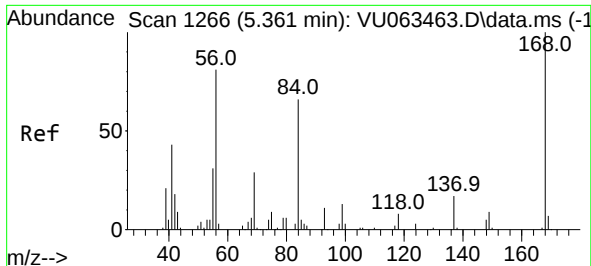
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Quant Title : SW846 8260
QLast Update : Fri Jul 11 04:42:35 2025
Response via : Initial Calibration

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

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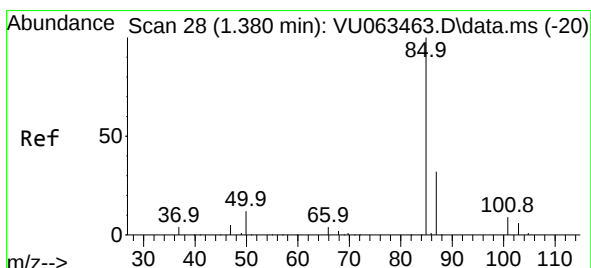
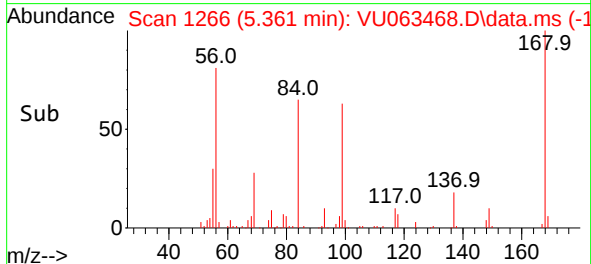
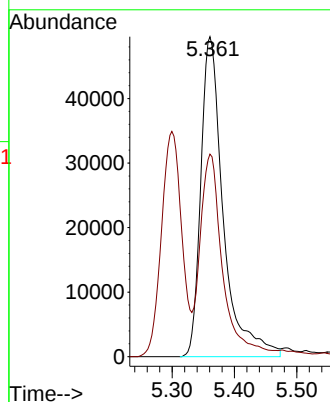
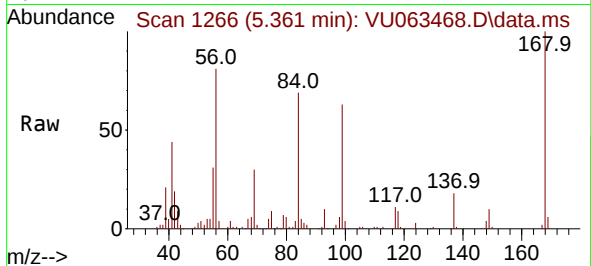




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063468.D
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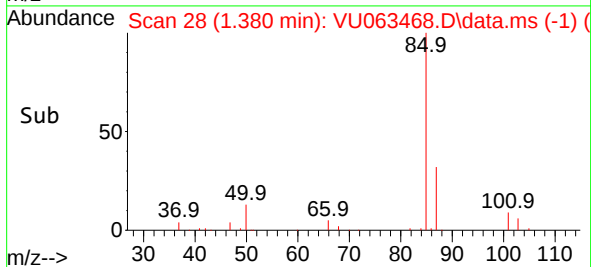
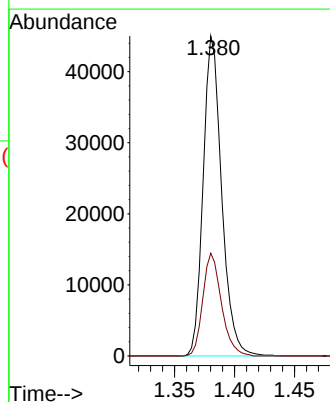
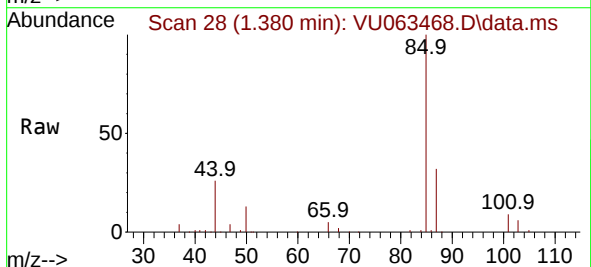
Instrument :
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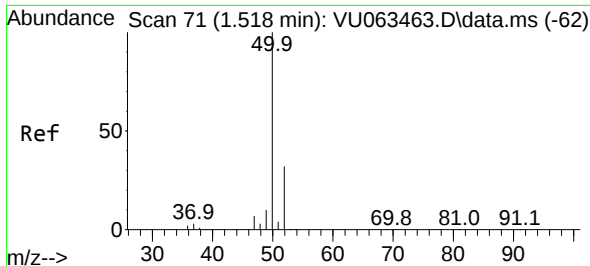
Tgt Ion:168 Resp: 124357
Ion Ratio Lower Upper
168 100
99 61.3 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 48.966 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 85 Resp: 48429
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

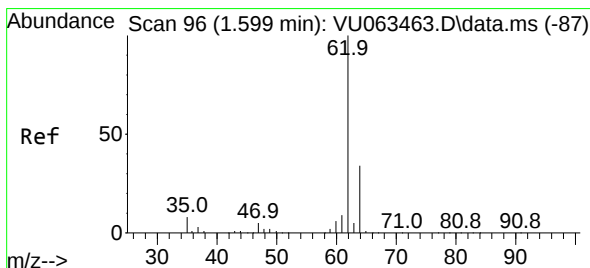
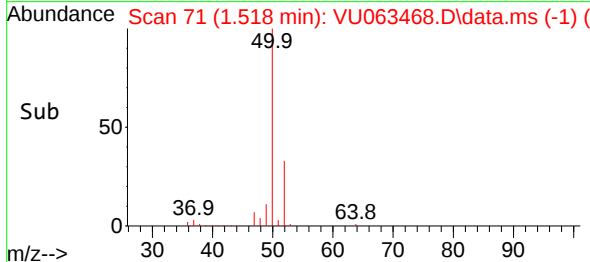
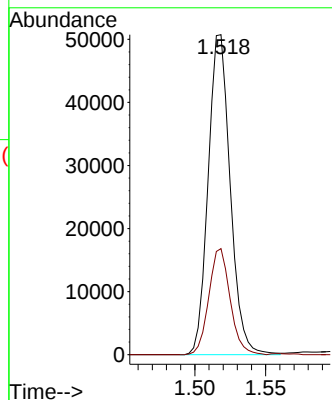
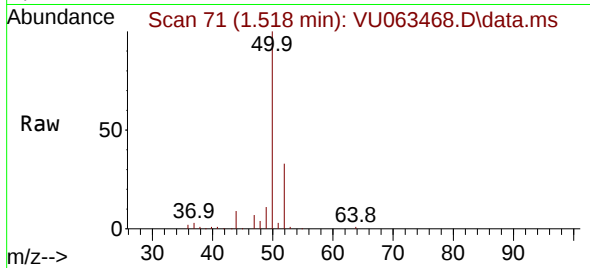




#3
Chloromethane
Concen: 45.661 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

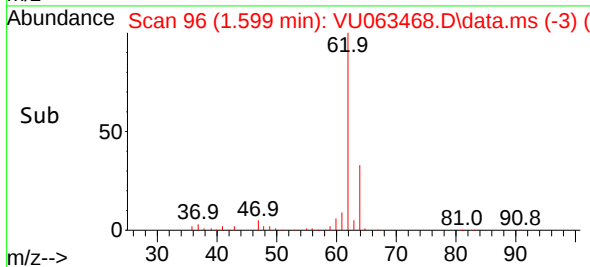
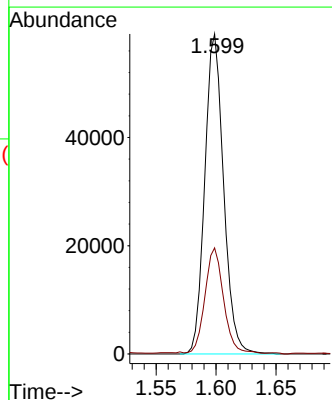
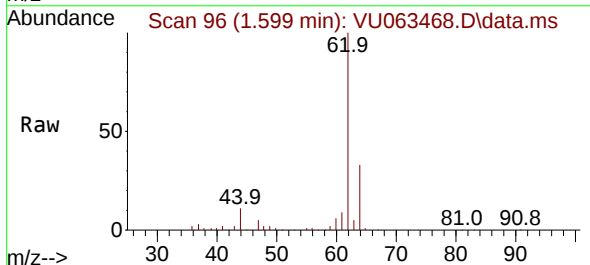
Instrument :
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ClientSampleId :
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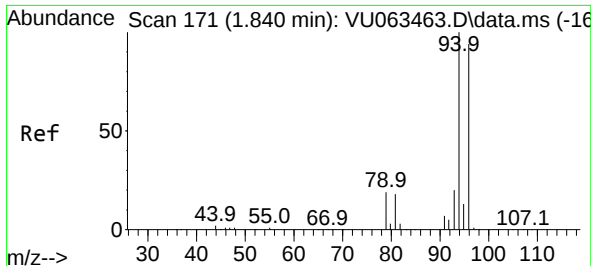
Tgt Ion: 50 Resp: 55006
Ion Ratio Lower Upper
50 100
52 33.2 25.8 38.8



#4
Vinyl Chloride
Concen: 48.349 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 62 Resp: 64583
Ion Ratio Lower Upper
62 100
64 32.9 26.9 40.3

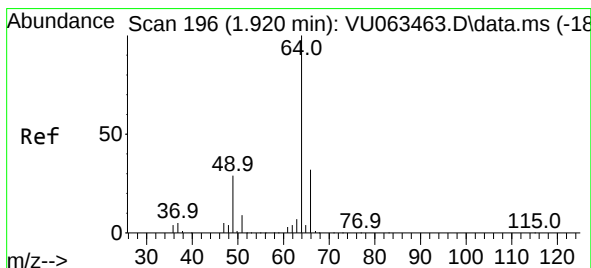
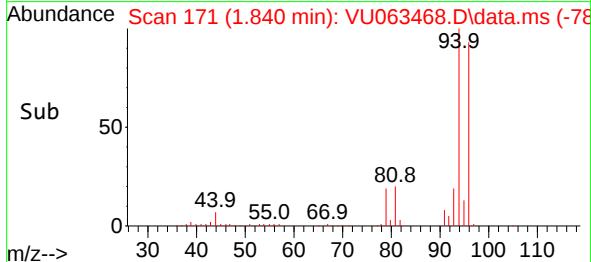
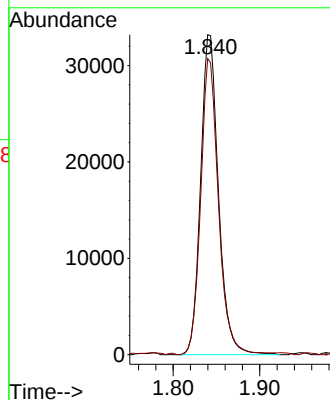
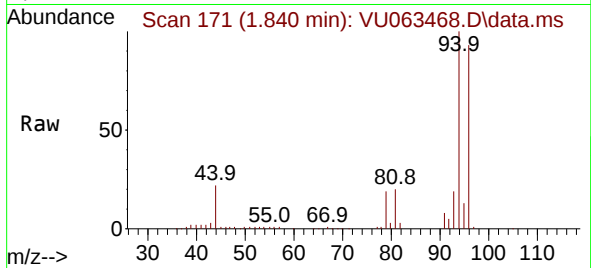




#5
Bromomethane
Concen: 50.892 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

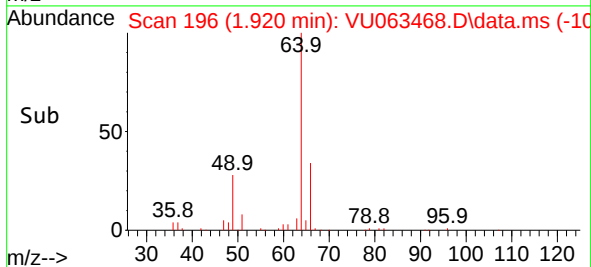
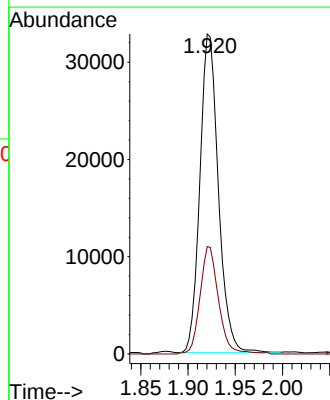
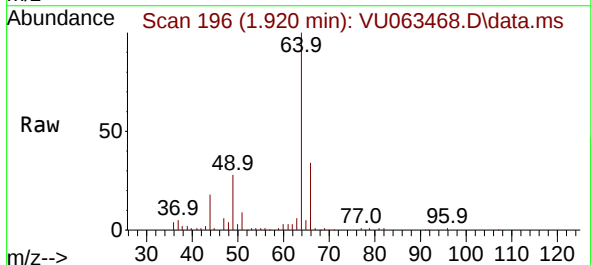
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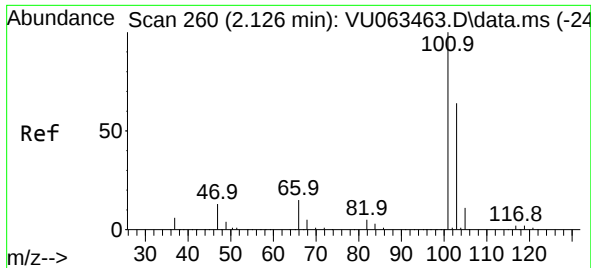
Tgt Ion: 94 Resp: 47628
Ion Ratio Lower Upper
94 100
96 92.5 75.5 113.3



#6
Chloroethane
Concen: 46.068 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 64 Resp: 44586
Ion Ratio Lower Upper
64 100
66 33.7 25.3 37.9

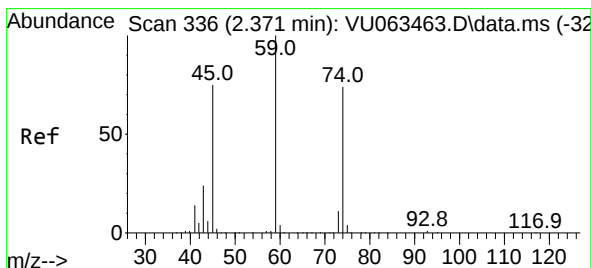
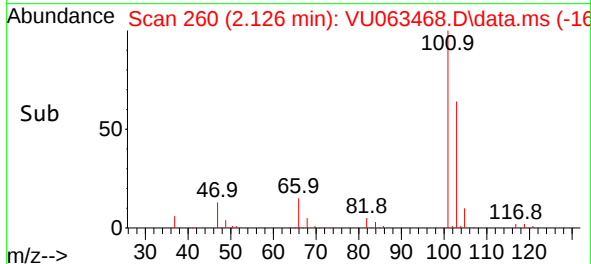
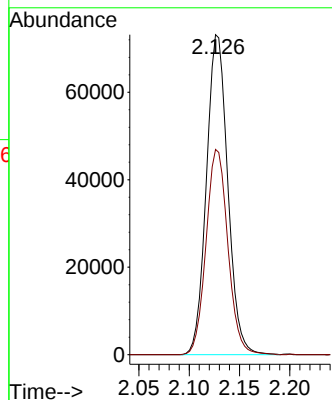
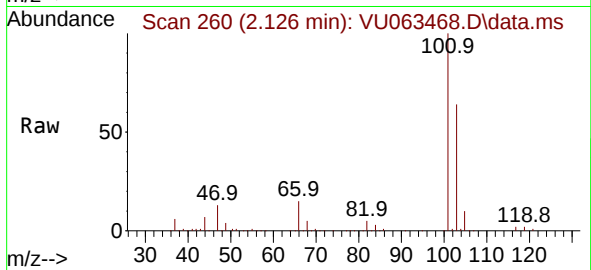




#7
Trichlorofluoromethane
Concen: 50.188 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

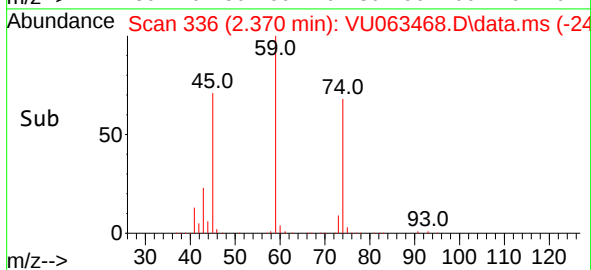
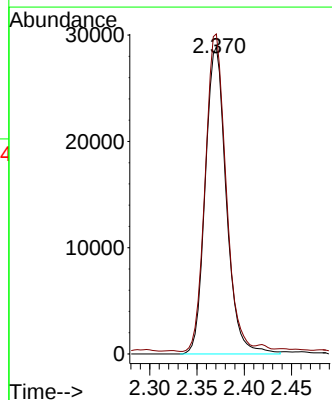
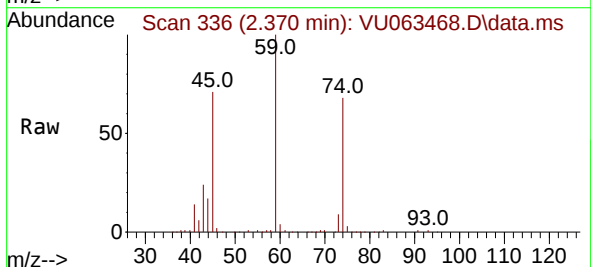
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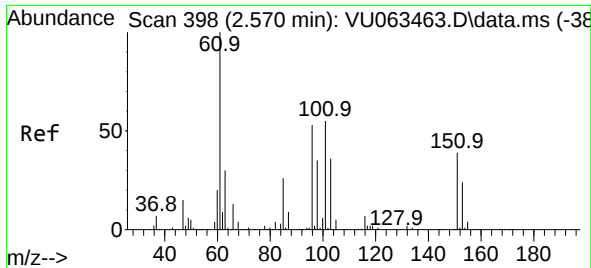
Tgt Ion:101 Resp: 108151
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7



#8
Diethyl Ether
Concen: 49.677 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 74 Resp: 44613
Ion Ratio Lower Upper
74 100
45 102.1 49.7 149.1

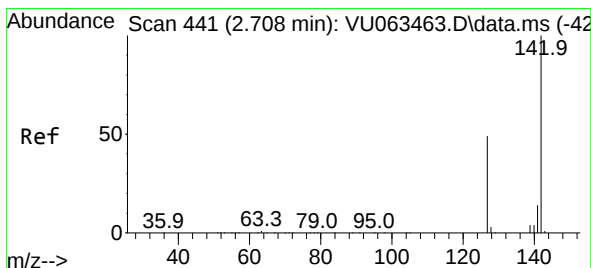
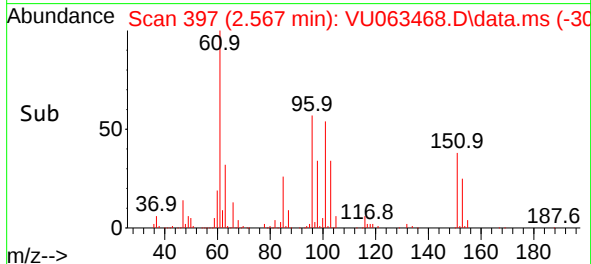
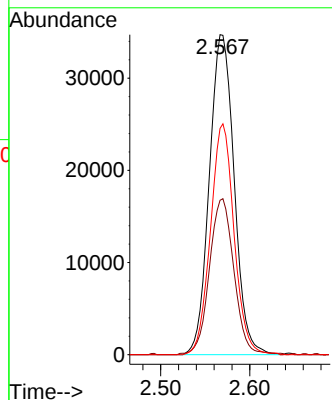
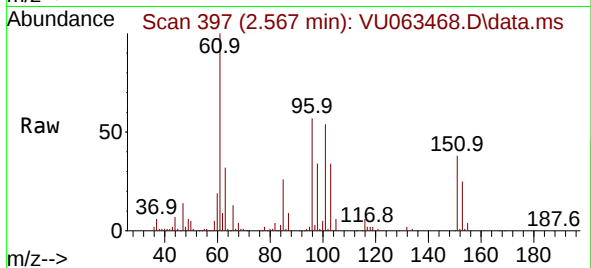




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.686 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

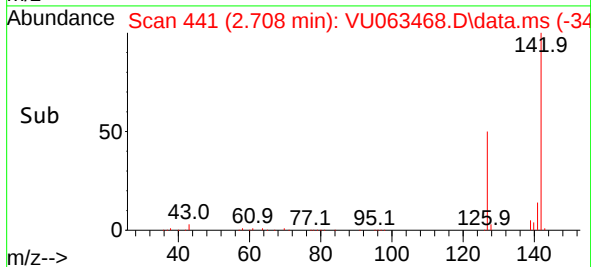
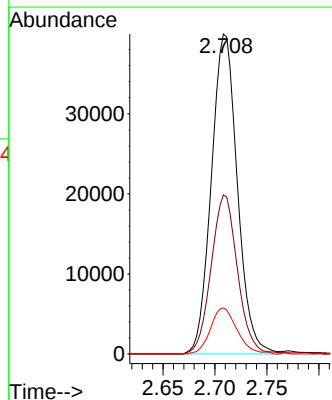
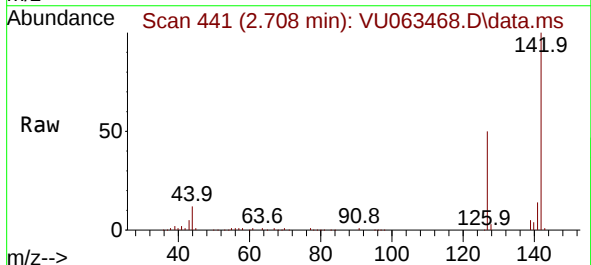
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

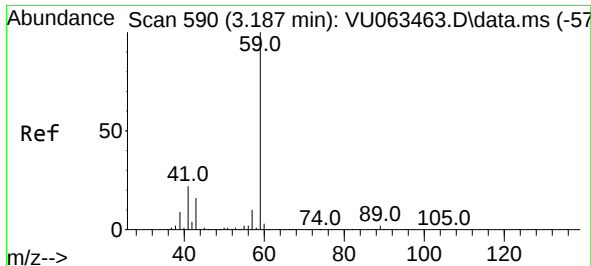
Tgt Ion:101 Resp: 67151
Ion Ratio Lower Upper
101 100
85 48.1 39.6 59.4
151 68.8 57.2 85.8



#10
Methyl Iodide
Concen: 52.293 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:142 Resp: 69619
Ion Ratio Lower Upper
142 100
127 50.3 38.2 57.4
141 14.7 11.1 16.7

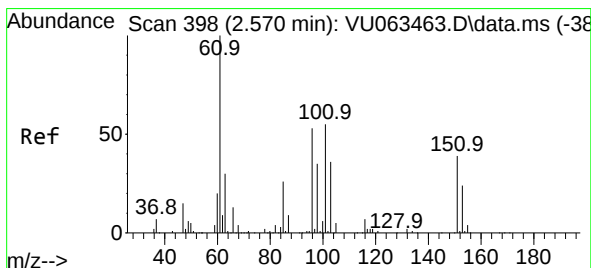
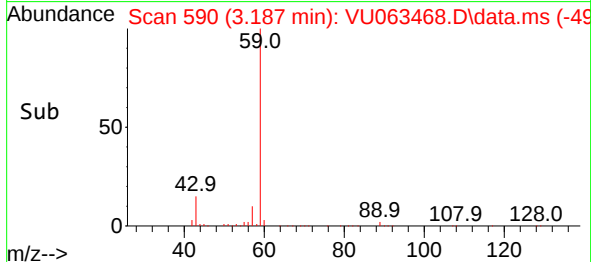
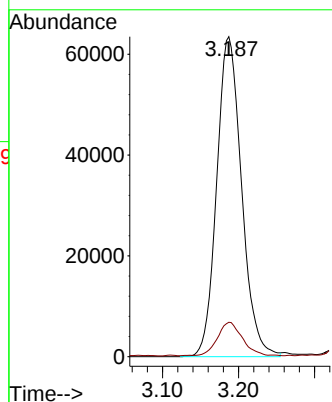
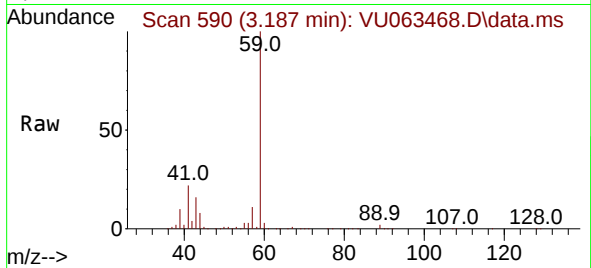




#11
Tert butyl alcohol
Concen: 271.166 ug/l
RT: 3.187 min Scan# 590
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

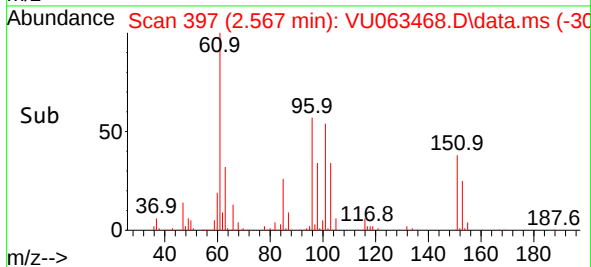
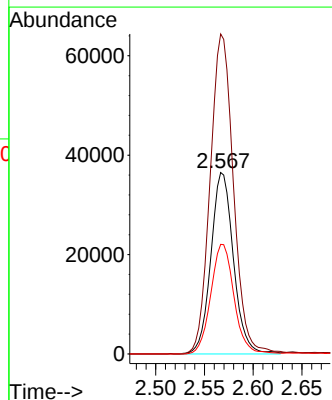
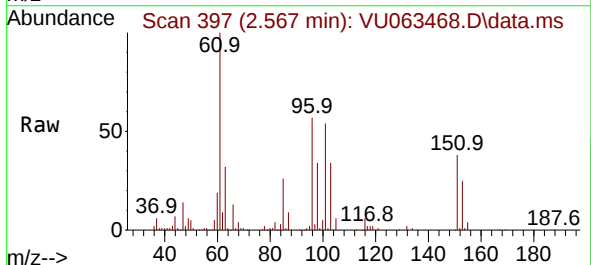
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

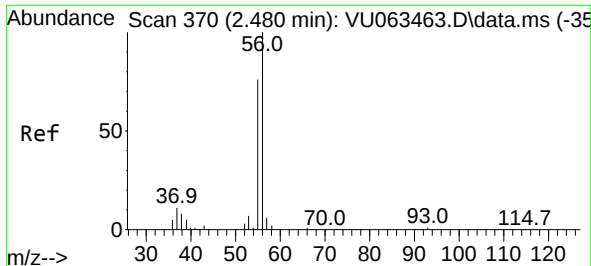
Tgt Ion: 59 Resp: 144255
Ion Ratio Lower Upper
59 100
57 10.2 8.8 13.2



#12
1,1-Dichloroethene
Concen: 49.621 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 96 Resp: 58873
Ion Ratio Lower Upper
96 100
61 176.4 149.6 224.4
98 60.4 52.0 78.0

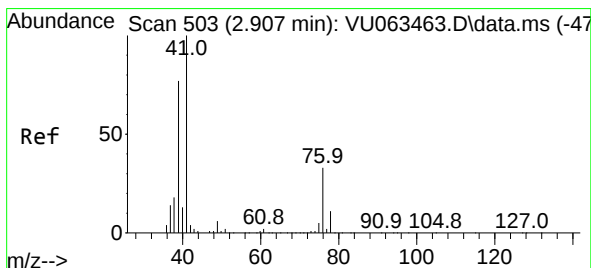
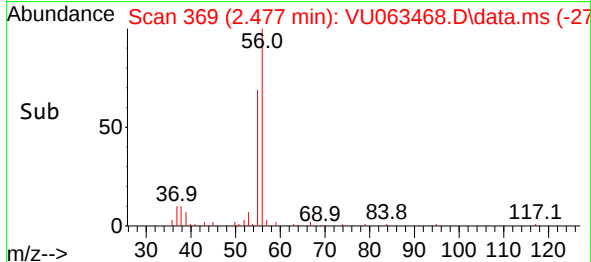
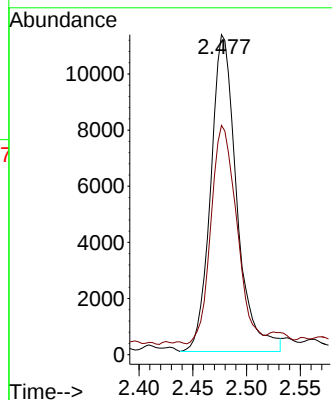
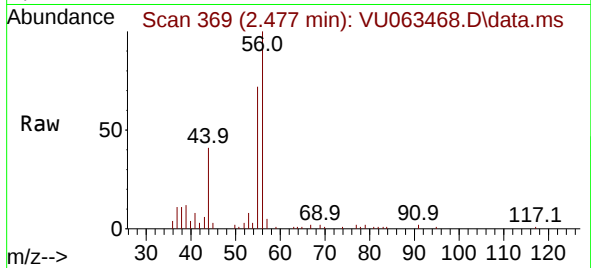




#13
Acrolein
Concen: 253.435 ug/l
RT: 2.477 min Scan# 370
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

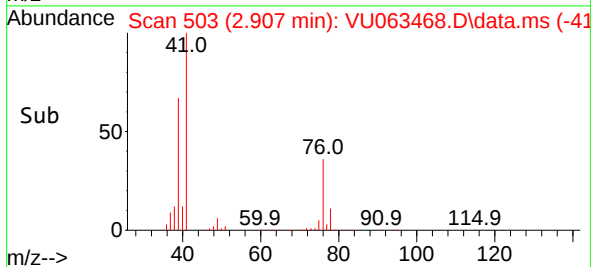
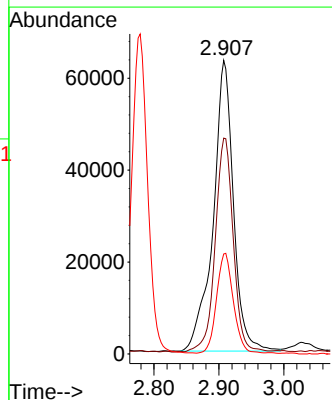
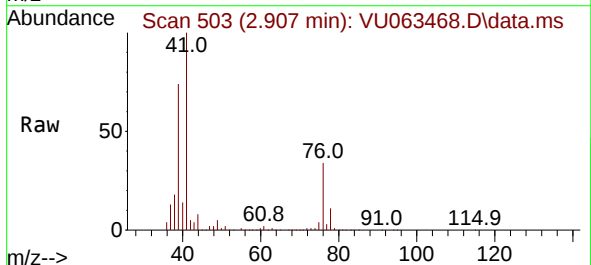
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

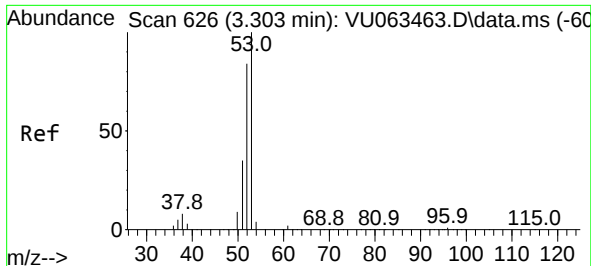
Tgt Ion: 56 Resp: 19030
Ion Ratio Lower Upper
56 100
55 68.3 60.2 90.2



#14
Allyl chloride
Concen: 48.683 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 41 Resp: 137487
Ion Ratio Lower Upper
41 100
39 64.9 53.9 80.9
76 28.2 23.1 34.7

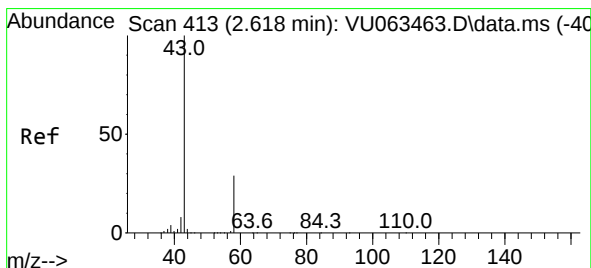
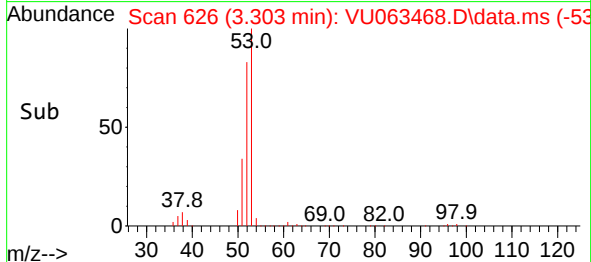
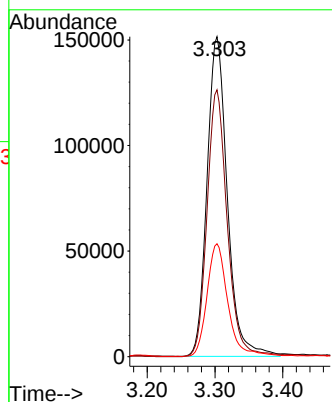
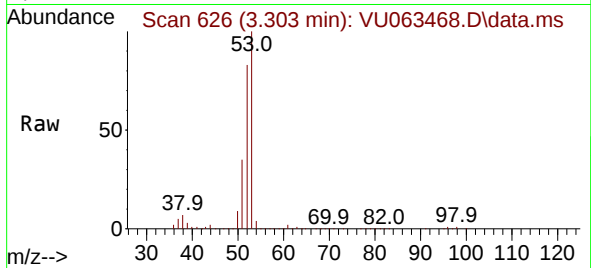




#15
Acrylonitrile
Concen: 276.924 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

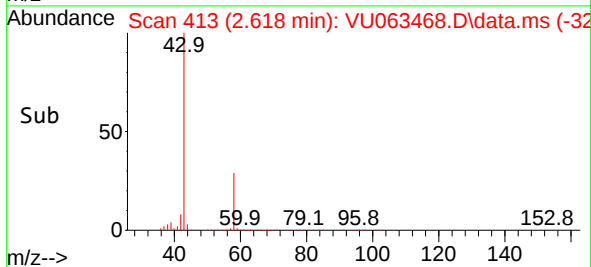
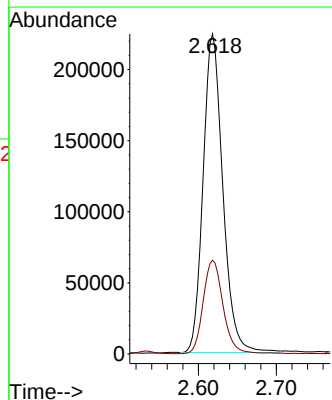
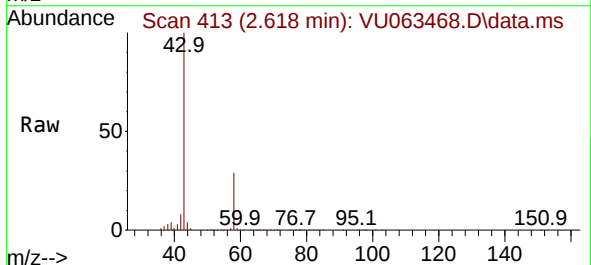
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

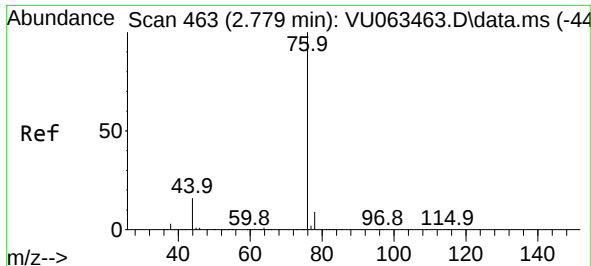
Tgt Ion: 53 Resp: 315555
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 36.0 28.8 43.2



#16
Acetone
Concen: 296.202 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 43 Resp: 394236
Ion Ratio Lower Upper
43 100
58 29.3 23.1 34.7

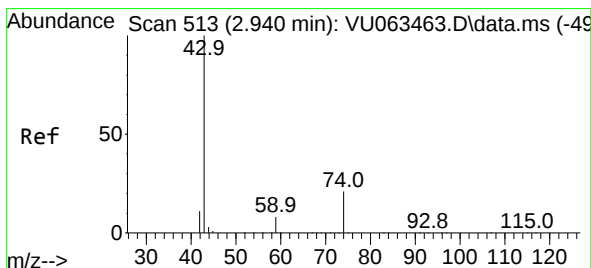
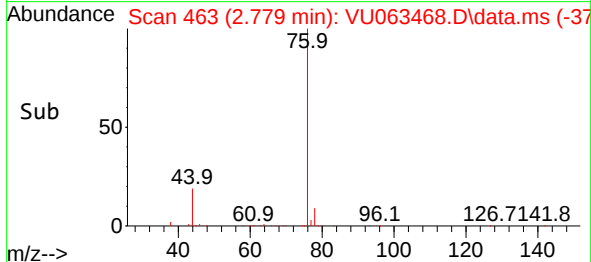
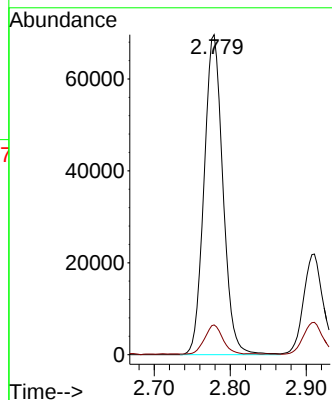
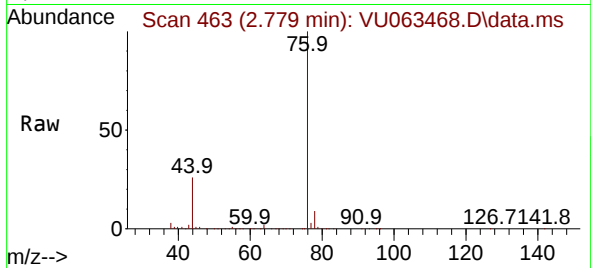




#17
Carbon Disulfide
Concen: 42.290 ug/l
RT: 2.779 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

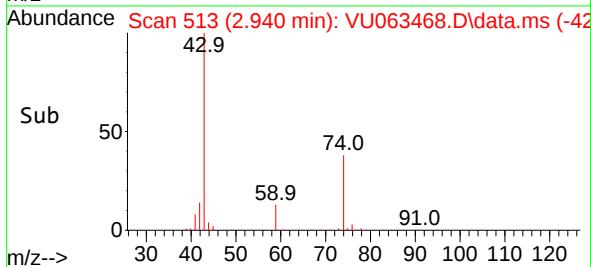
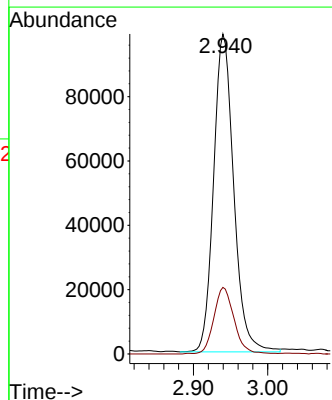
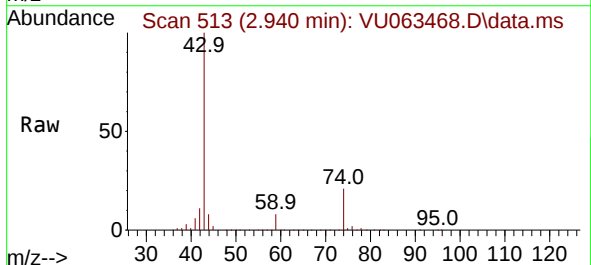
Instrument :
MSVOA_U
ClientSampleId :
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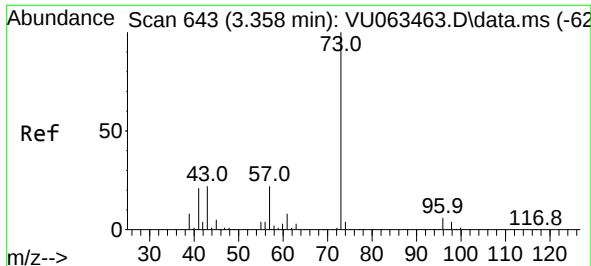
Tgt Ion: 76 Resp: 119943
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 54.300 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 43 Resp: 185990
Ion Ratio Lower Upper
43 100
74 20.5 17.3 25.9

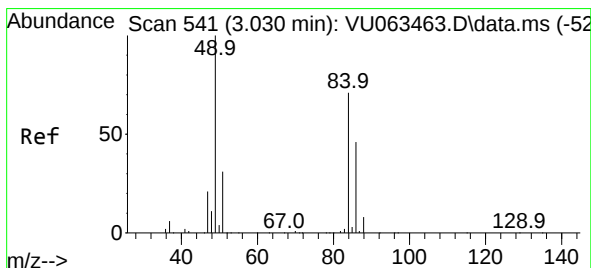
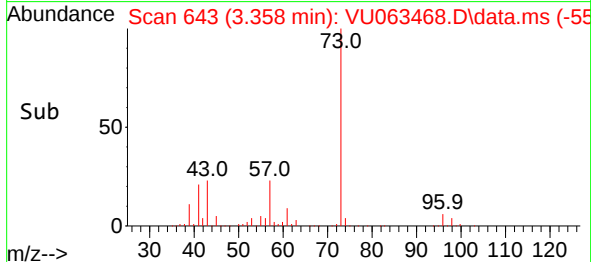
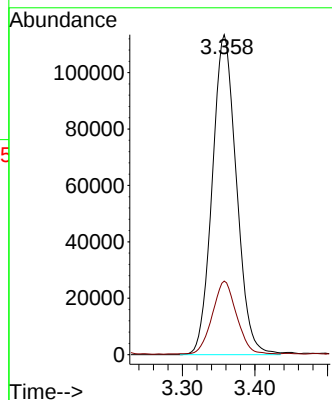
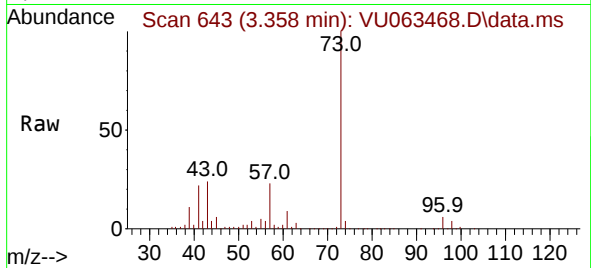




#19
Methyl tert-butyl Ether
Concen: 51.310 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

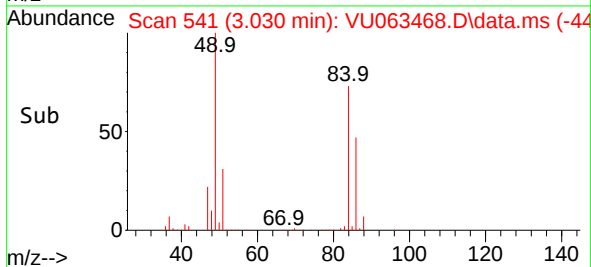
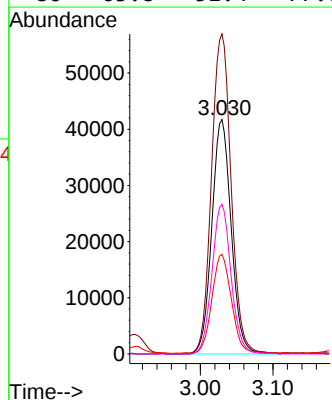
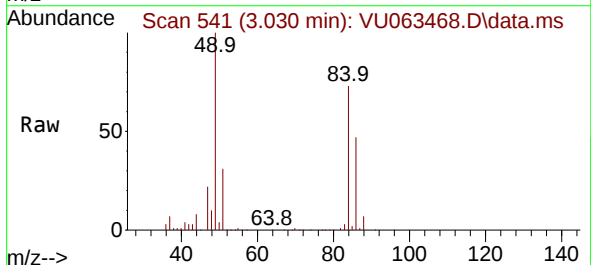
Instrument :
MSVOA_U
ClientSampleId :
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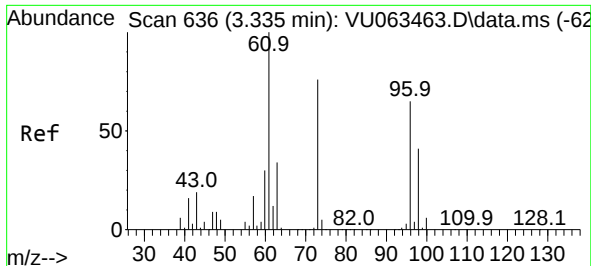
Tgt Ion: 73 Resp: 262545
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 39.990 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 84 Resp: 77607
Ion Ratio Lower Upper
84 100
49 136.5 112.1 168.1
51 42.2 34.4 51.6
86 63.8 51.4 77.0

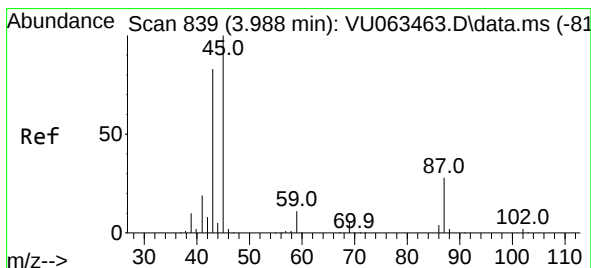
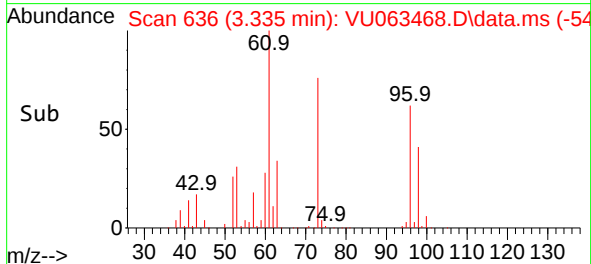
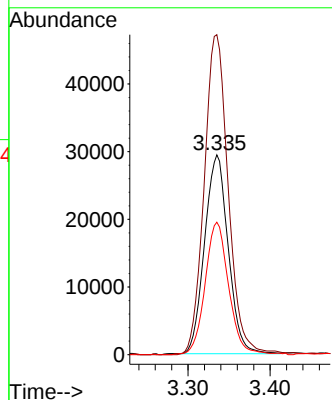
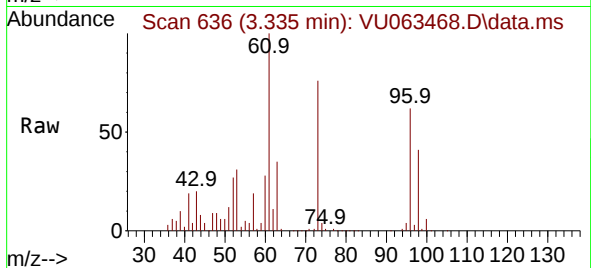




#21
trans-1,2-Dichloroethene
Concen: 46.247 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

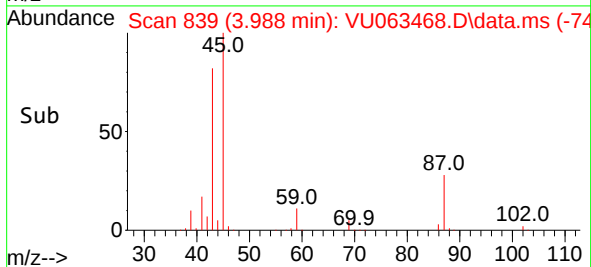
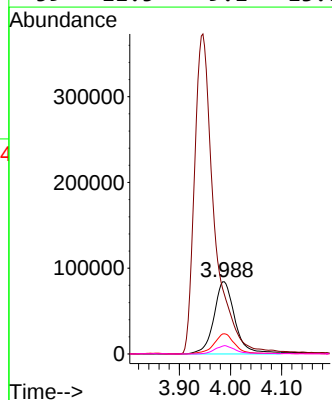
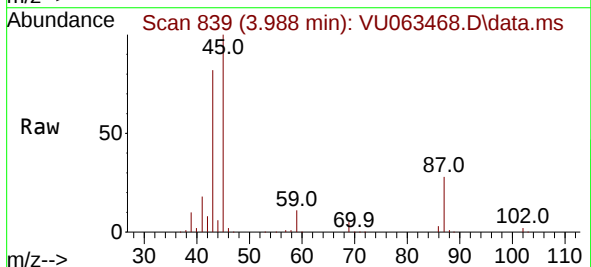
Instrument :
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ClientSampleId :
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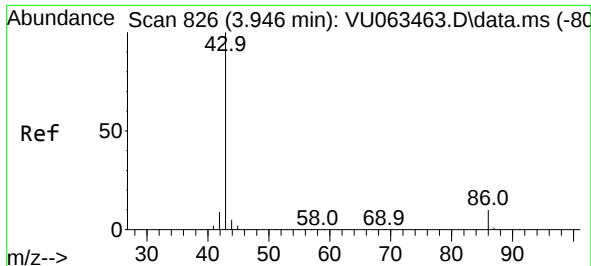
Tgt Ion: 96 Resp: 58950
Ion Ratio Lower Upper
96 100
61 160.5 122.2 183.4
98 66.2 49.9 74.9



#22
Diisopropyl ether
Concen: 50.263 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 45 Resp: 241700
Ion Ratio Lower Upper
45 100
43 82.1 66.5 99.7
87 27.8 22.6 33.8
59 11.5 9.1 13.7

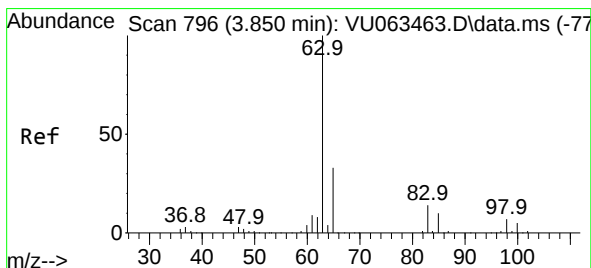
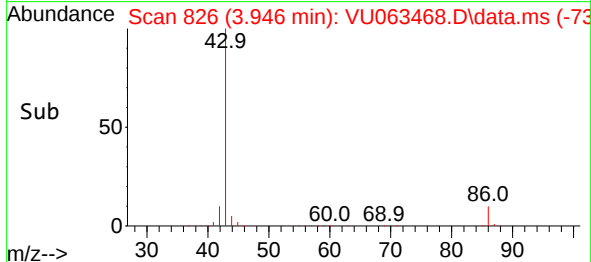
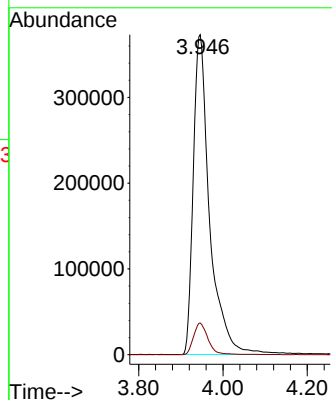
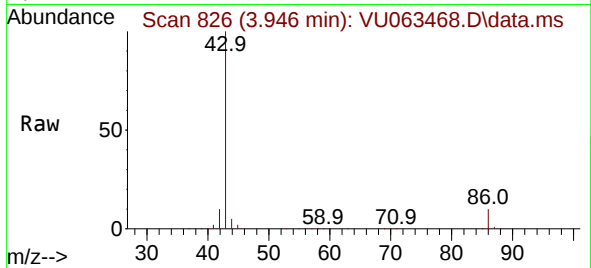




#23
 Vinyl Acetate
 Concen: 270.066 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

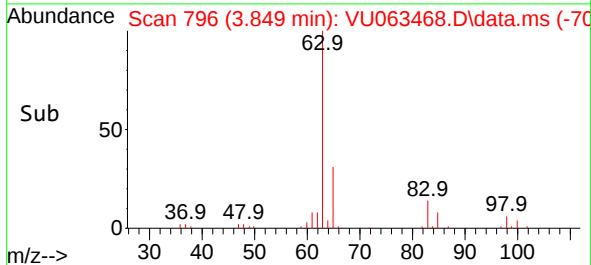
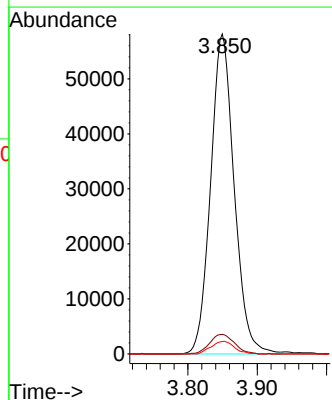
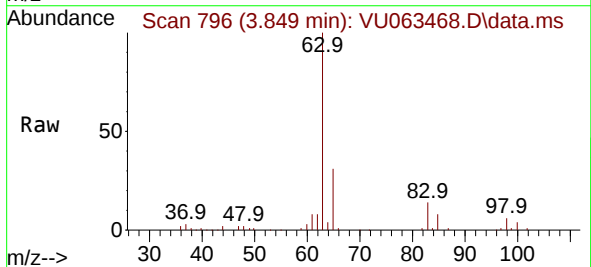
Instrument :
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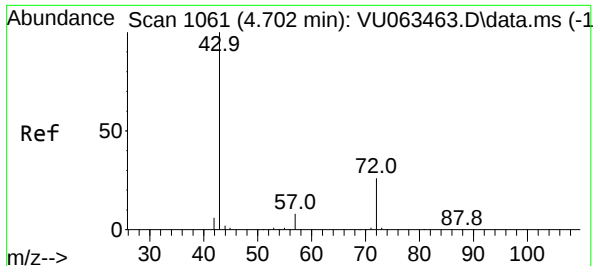
Tgt Ion: 43 Resp: 1007684
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.294 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion: 63 Resp: 137258
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.6 10.9
 100 3.9 2.3 6.8

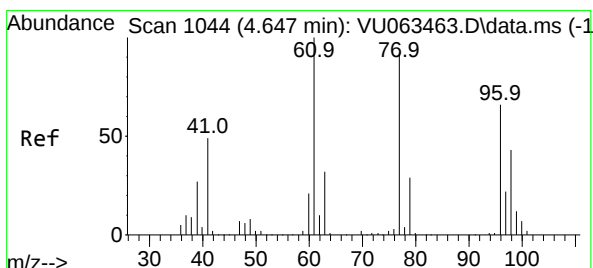
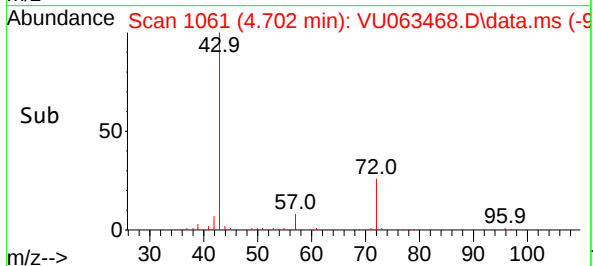
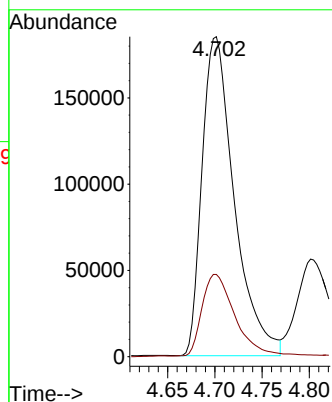
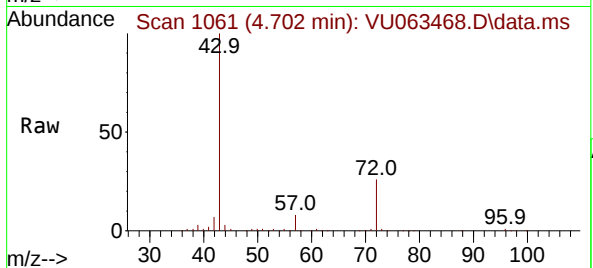




#25
2-Butanone
Concen: 293.638 ug/l
RT: 4.702 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

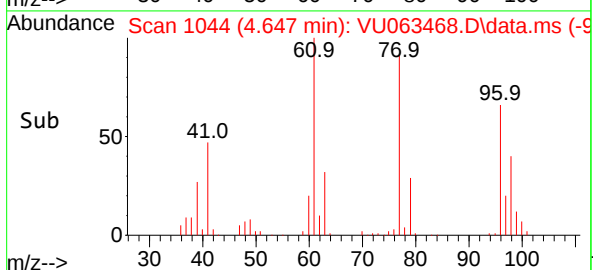
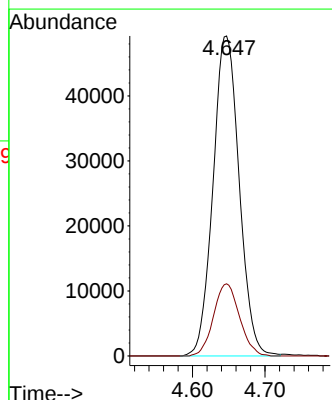
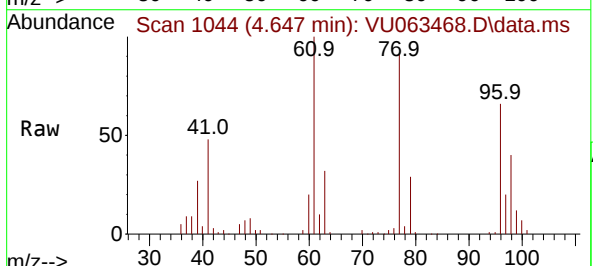
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

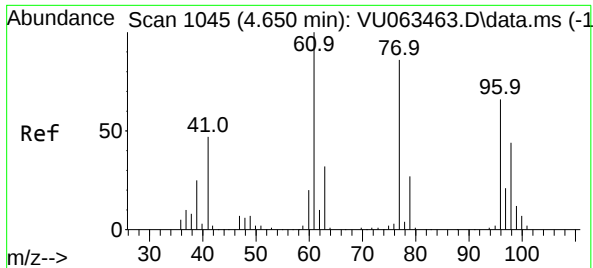
Tgt Ion: 43 Resp: 438737
Ion Ratio Lower Upper
43 100
72 25.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 51.973 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 77 Resp: 123403
Ion Ratio Lower Upper
77 100
97 22.4 11.8 35.3

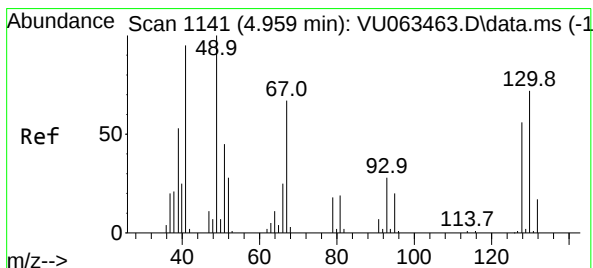
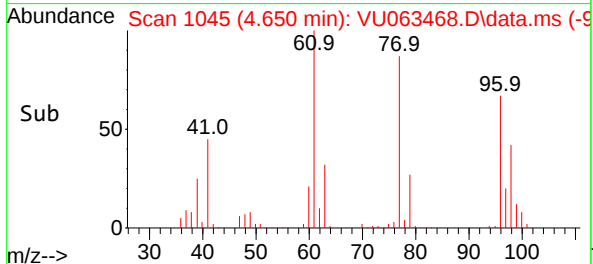
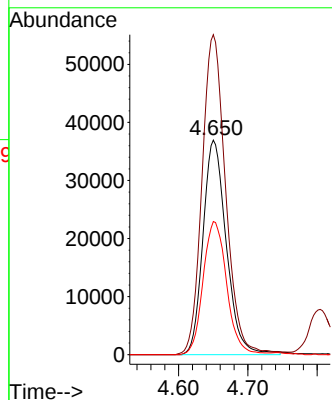
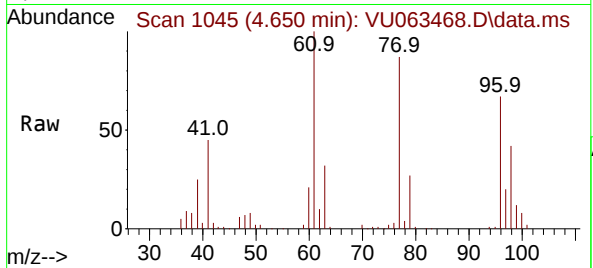




#27
 cis-1,2-Dichloroethene
 Concen: 51.290 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

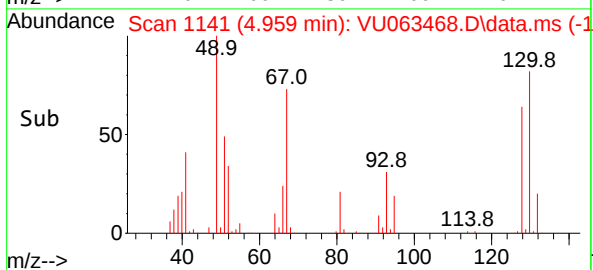
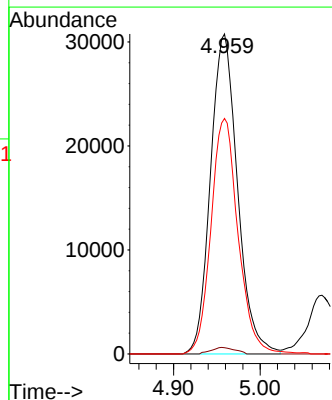
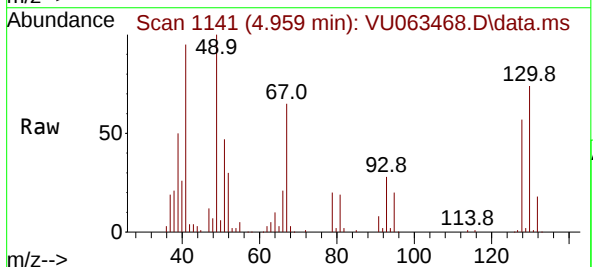
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

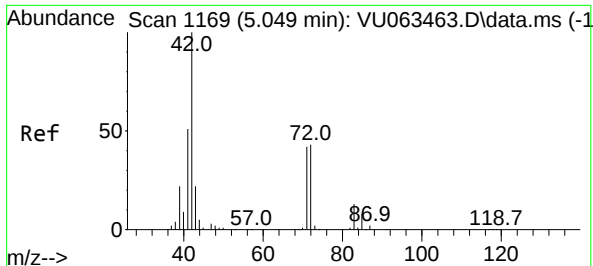
Tgt Ion: 96 Resp: 86297
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 307.2
 98 62.8 0.0 133.0



#28
 Bromochloromethane
 Concen: 52.076 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion: 49 Resp: 66760
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.8
 130 73.7 59.0 88.4





#29

Tetrahydrofuran

Concen: 272.994 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

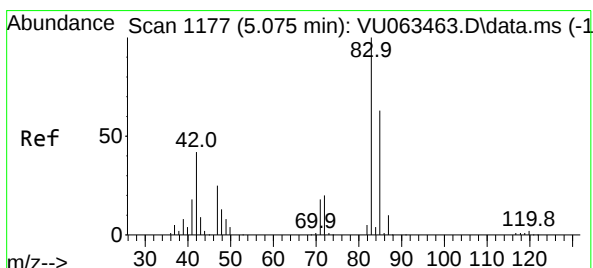
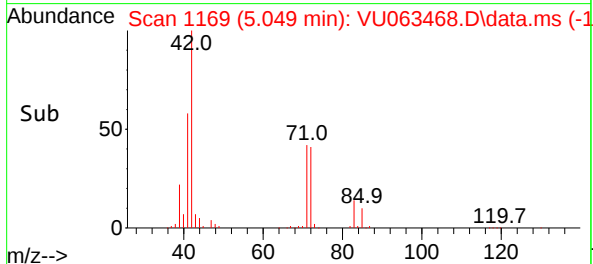
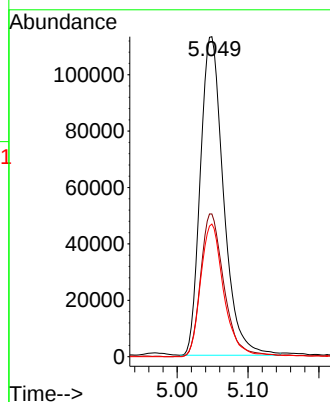
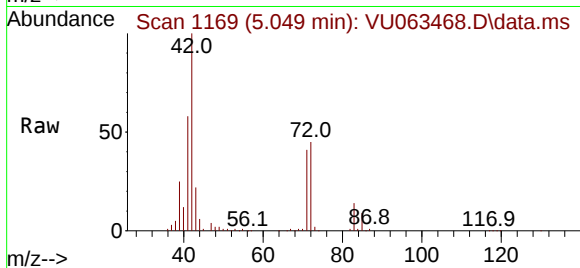
Tgt Ion: 42 Resp: 257304

Ion Ratio Lower Upper

42 100

72 45.2 36.2 54.4

71 41.7 33.3 49.9



#30

Chloroform

Concen: 51.094 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063468.D

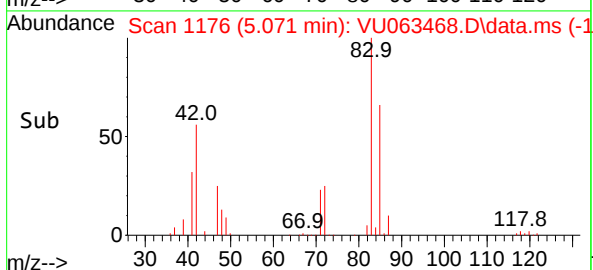
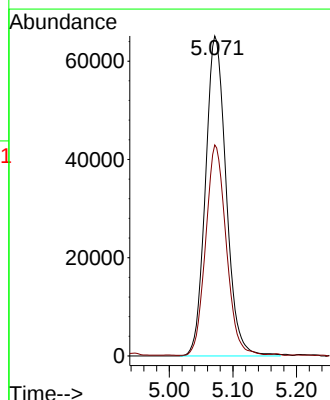
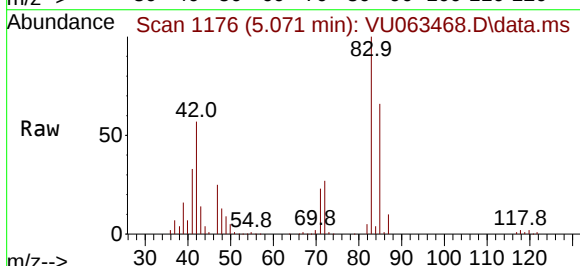
Acq: 10 Jul 2025 08:54

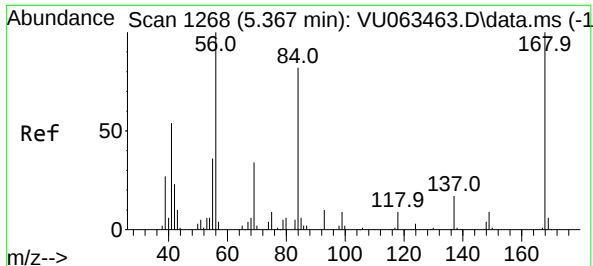
Tgt Ion: 83 Resp: 147217

Ion Ratio Lower Upper

83 100

85 65.8 50.7 76.1

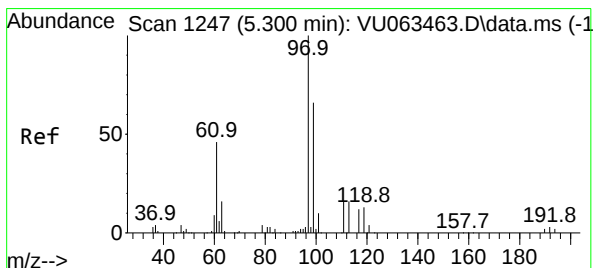
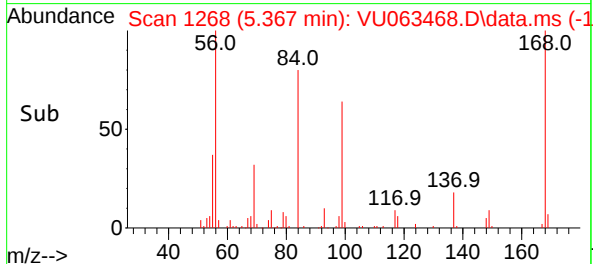
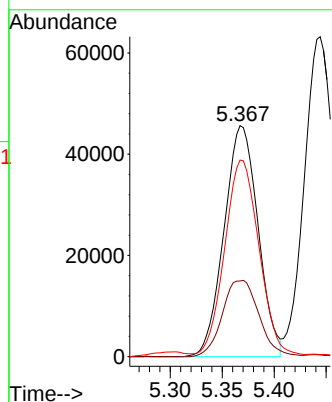
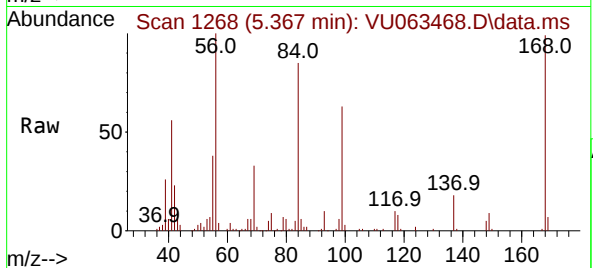




#31
Cyclohexane
Concen: 47.368 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

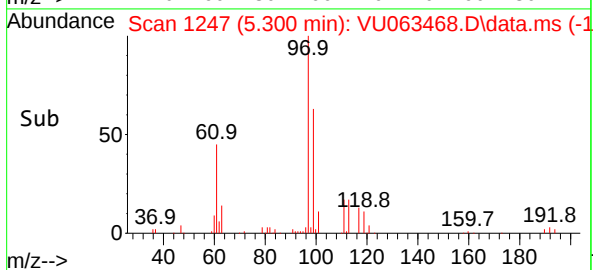
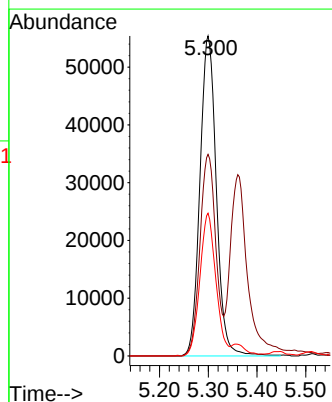
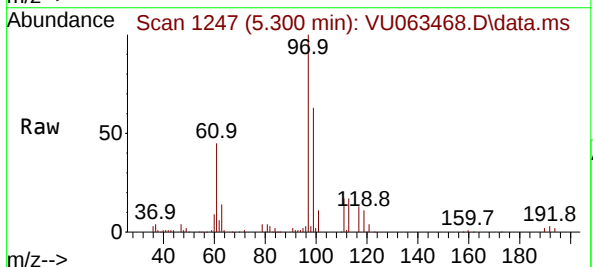
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

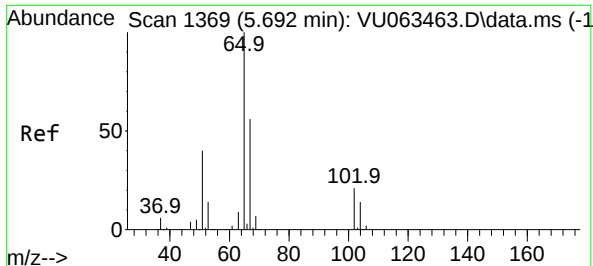
Tgt Ion: 56 Resp: 103922
Ion Ratio Lower Upper
56 100
69 32.8 27.0 40.4
84 83.3 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 52.771 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 97 Resp: 129466
Ion Ratio Lower Upper
97 100
99 61.4 50.4 75.6
61 43.7 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.243 ug/l

RT: 5.689 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

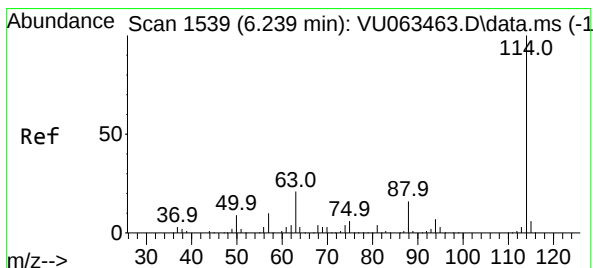
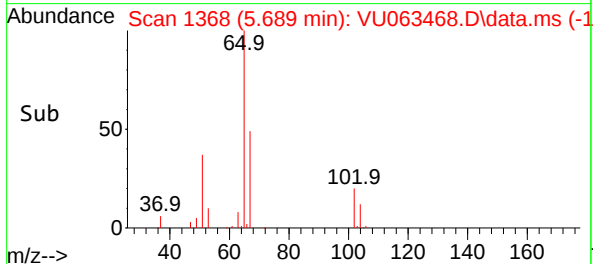
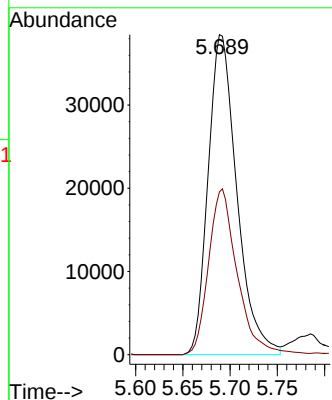
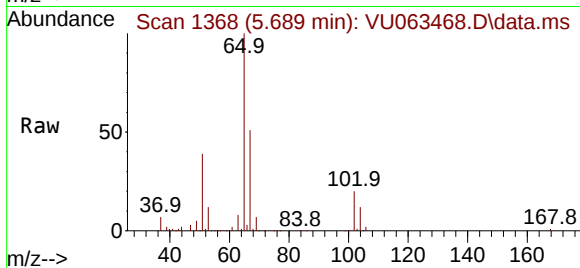
VSTDCCC050

Tgt Ion: 65 Resp: 81305

Ion Ratio Lower Upper

65 100

67 51.7 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

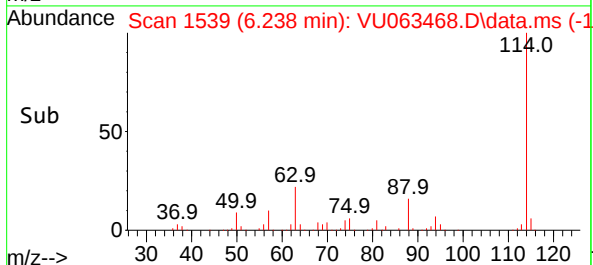
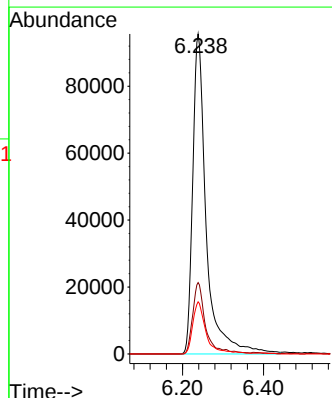
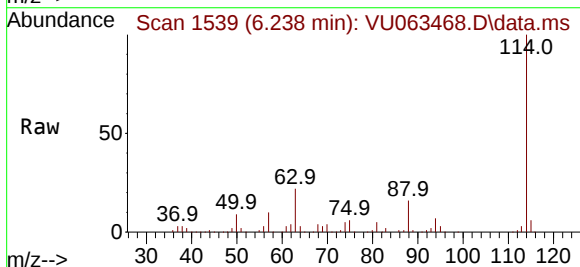
Tgt Ion: 114 Resp: 221792

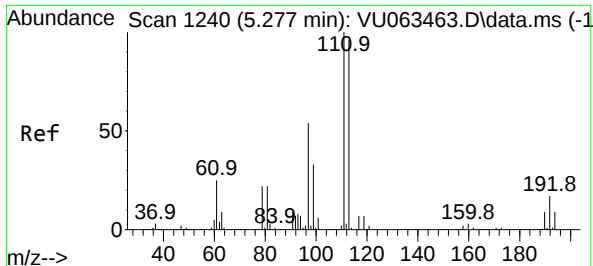
Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

88 16.3 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.633 ug/l

RT: 5.277 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

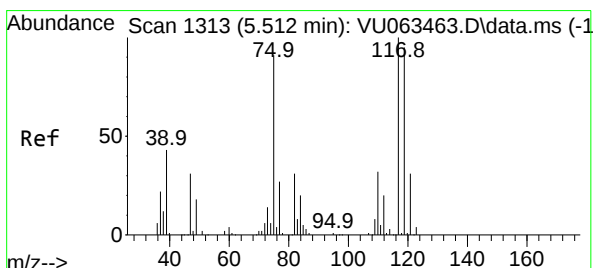
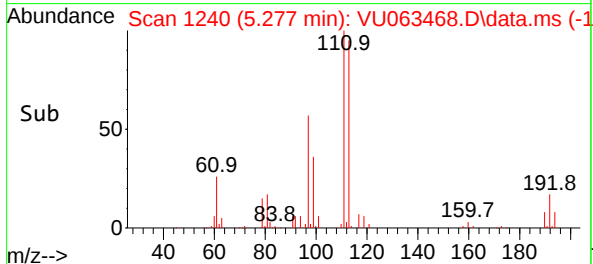
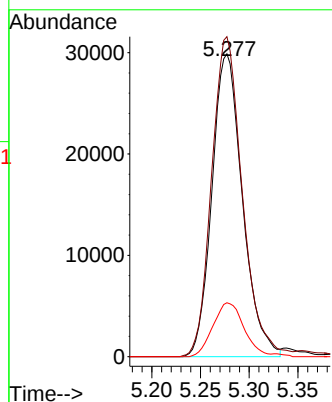
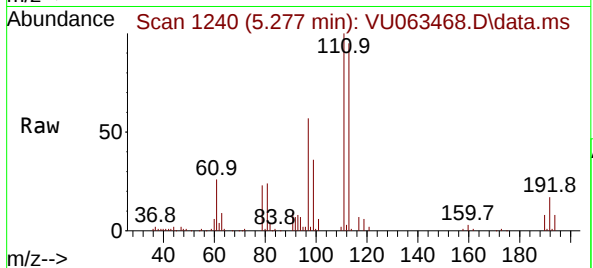
Tgt Ion:113 Resp: 65018

Ion Ratio Lower Upper

113 100

111 106.4 82.1 123.1

192 18.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 49.132 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

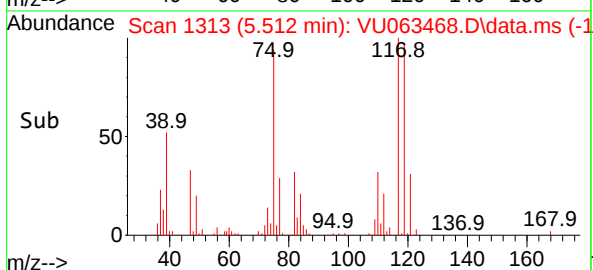
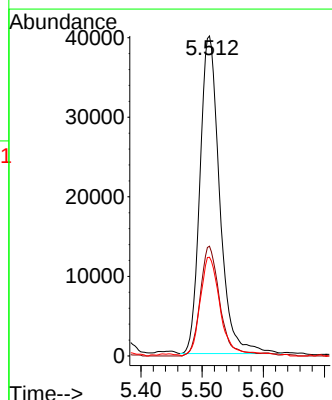
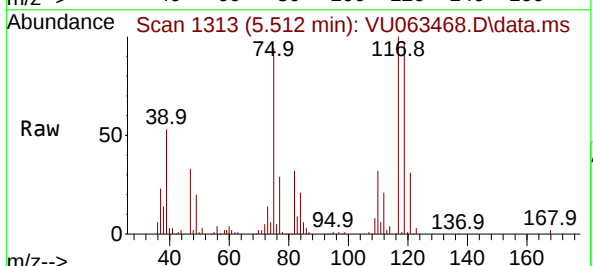
Tgt Ion: 75 Resp: 89252

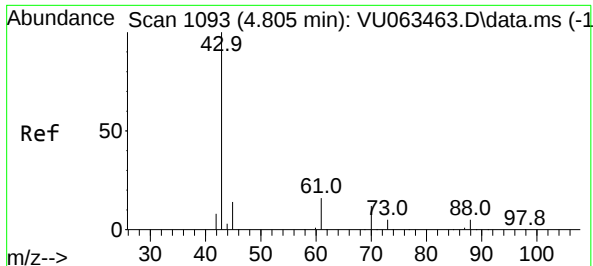
Ion Ratio Lower Upper

75 100

110 34.3 17.3 52.0

77 31.2 23.9 35.9





#37

Ethyl Acetate

Concen: 46.619 ug/l

RT: 4.801 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

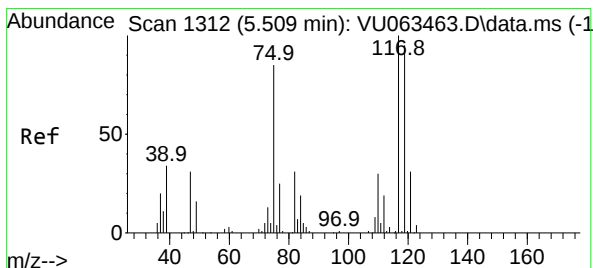
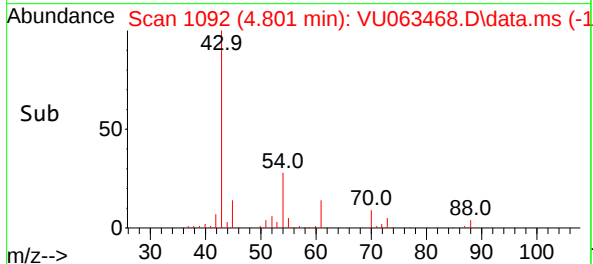
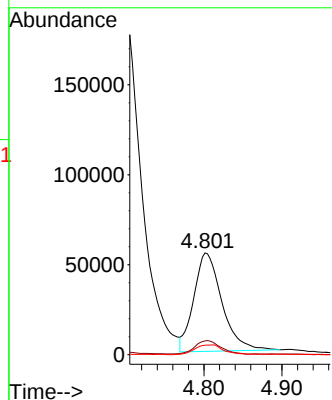
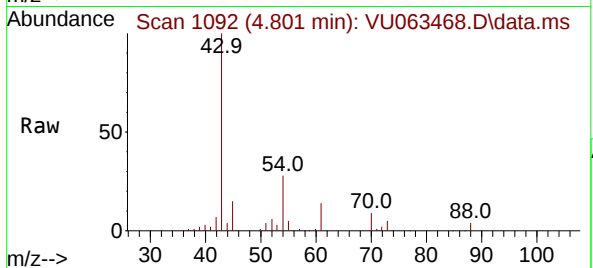
Tgt Ion: 43 Resp: 137153

Ion Ratio Lower Upper

43 100

61 12.4 10.4 15.6

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.495 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

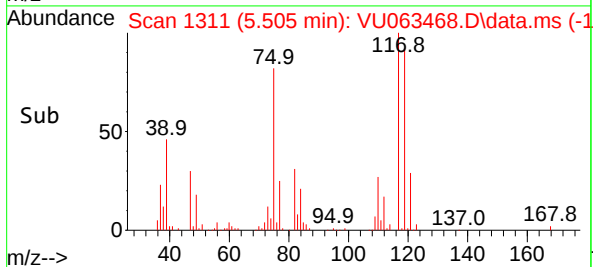
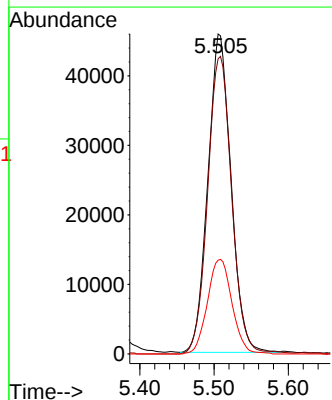
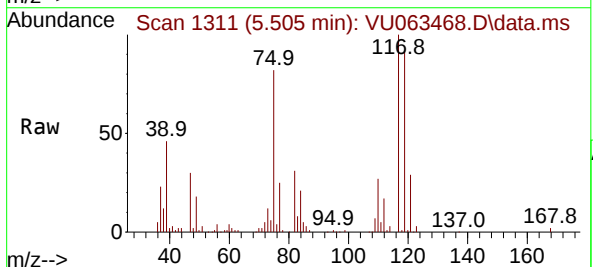
Tgt Ion: 117 Resp: 99067

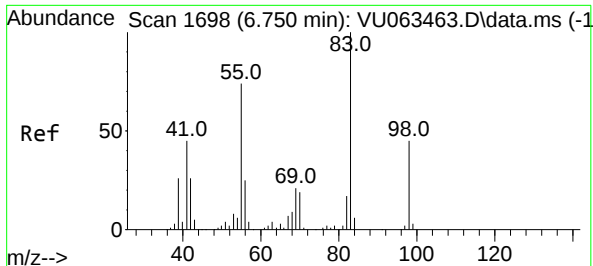
Ion Ratio Lower Upper

117 100

119 92.7 76.1 114.1

121 29.5 25.0 37.4





#39

Methylcyclohexane

Concen: 46.482 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

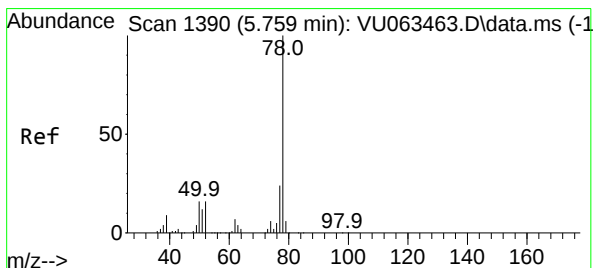
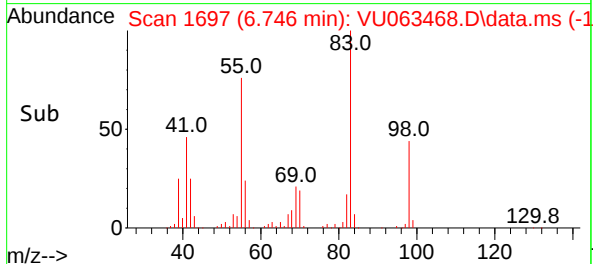
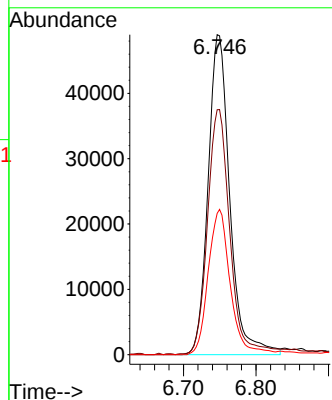
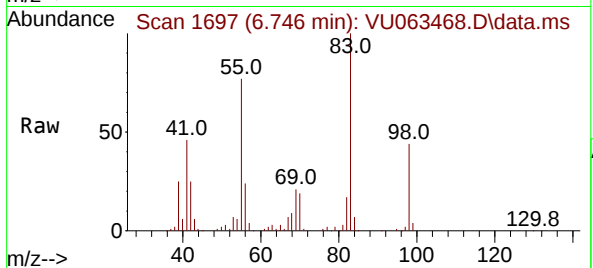
Tgt Ion: 83 Resp: 102027

Ion Ratio Lower Upper

83 100

55 76.2 59.4 89.2

98 44.2 36.2 54.4



#40

Benzene

Concen: 49.823 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063468.D

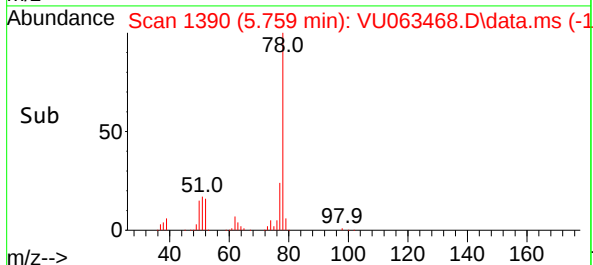
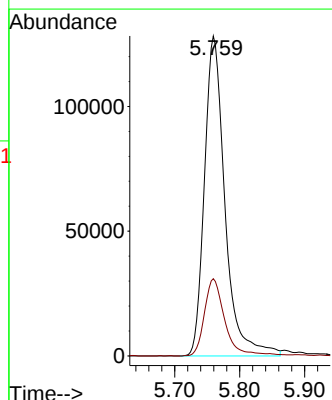
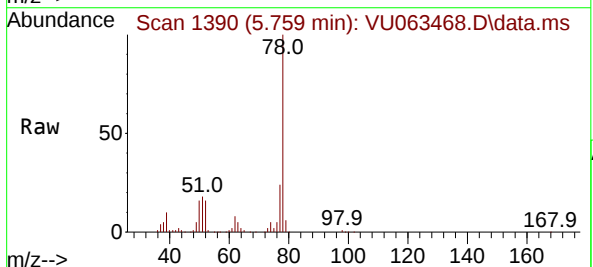
Acq: 10 Jul 2025 08:54

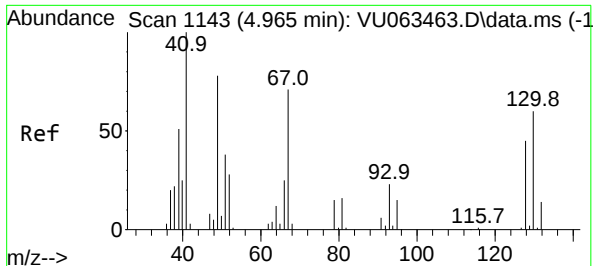
Tgt Ion: 78 Resp: 282657

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



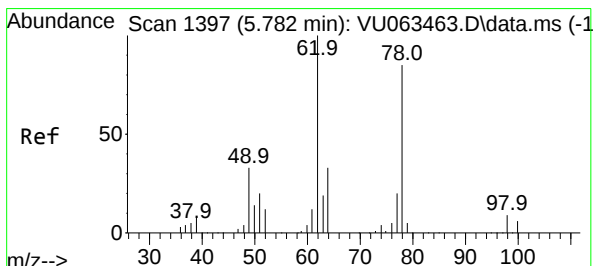
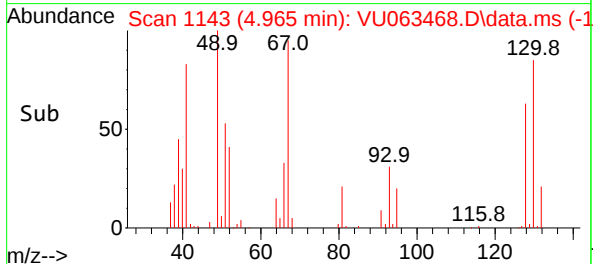
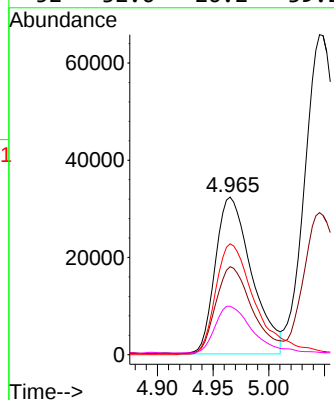
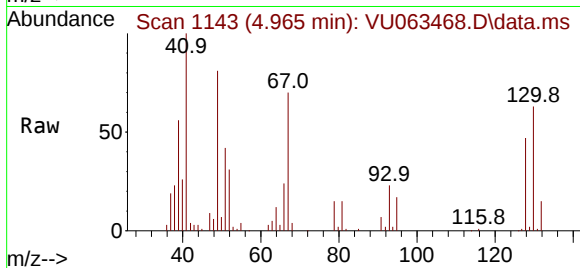


#41
Methacrylonitrile
Concen: 52.645 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 73081

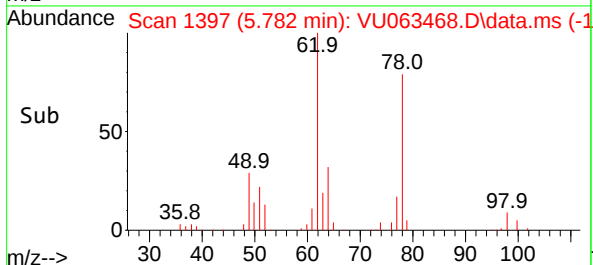
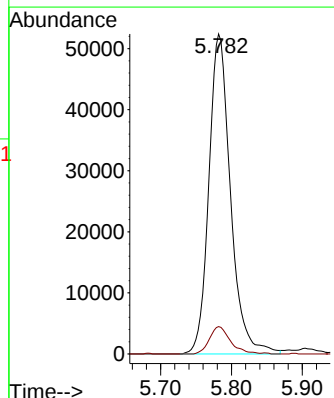
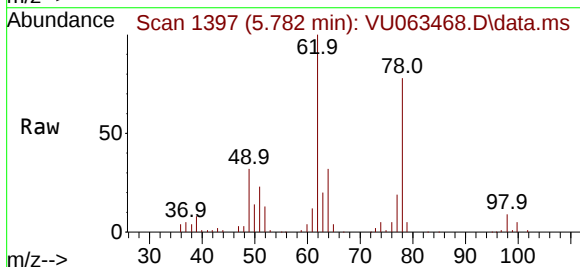
Ion	Ratio	Lower	Upper
41	100		
39	55.9	43.6	65.4
67	78.2	62.8	94.2
52	32.6	26.2	39.2

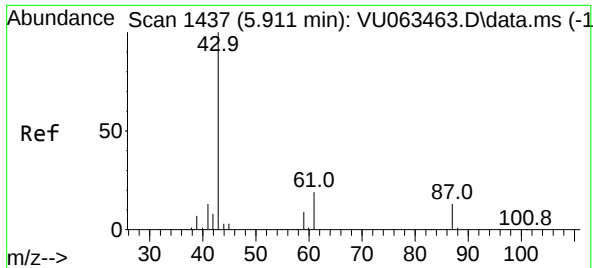


#42
1,2-Dichloroethane
Concen: 52.110 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 62 Resp: 111163

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6

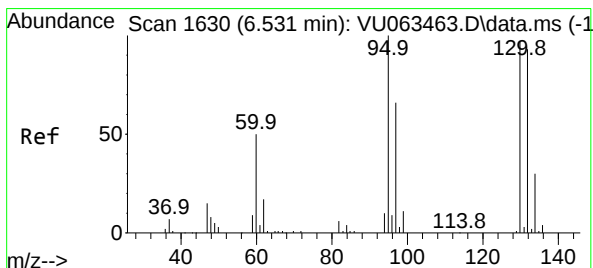
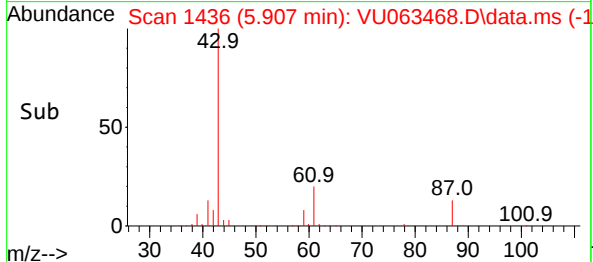
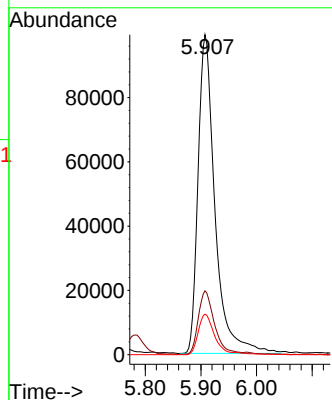
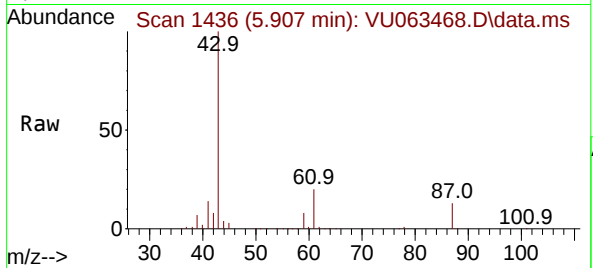




#43
Isopropyl Acetate
Concen: 53.721 ug/l
RT: 5.907 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

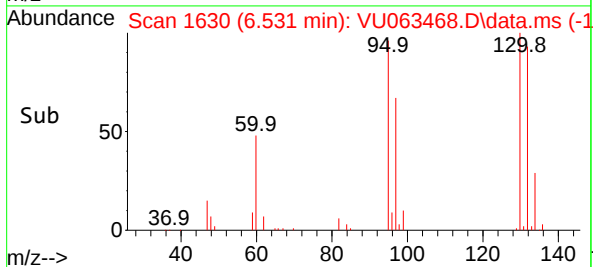
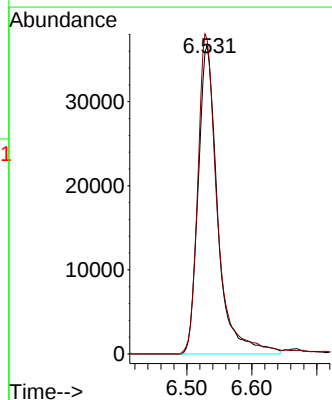
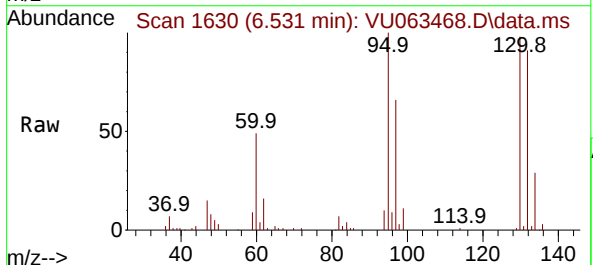
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

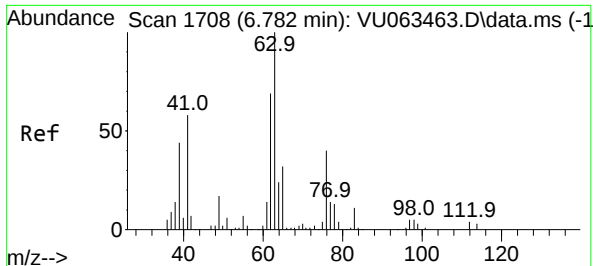
Tgt Ion: 43 Resp: 209928
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.2
87 12.3 10.5 15.7



#44
Trichloroethene
Concen: 50.613 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:130 Resp: 76841
Ion Ratio Lower Upper
130 100
95 102.1 0.0 206.4





#45

1,2-Dichloropropane

Concen: 51.239 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

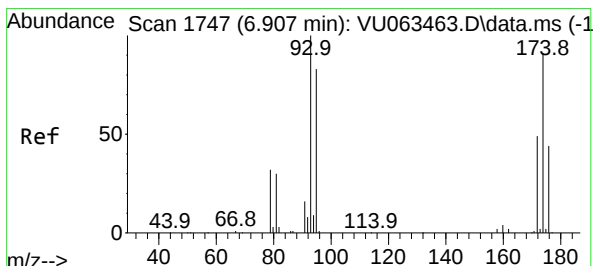
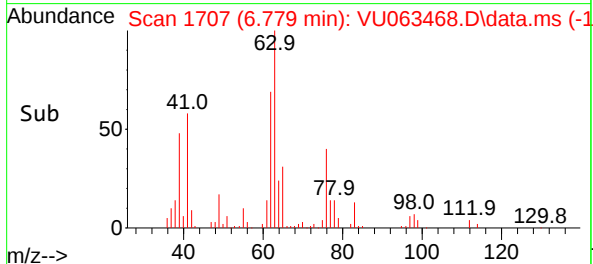
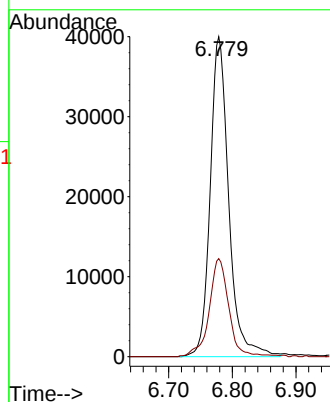
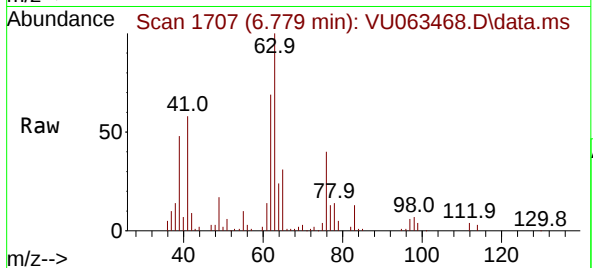
VSTDCCC050

Tgt Ion: 63 Resp: 80810

Ion Ratio Lower Upper

63 100

65 30.3 25.3 37.9



#46

Dibromomethane

Concen: 52.996 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

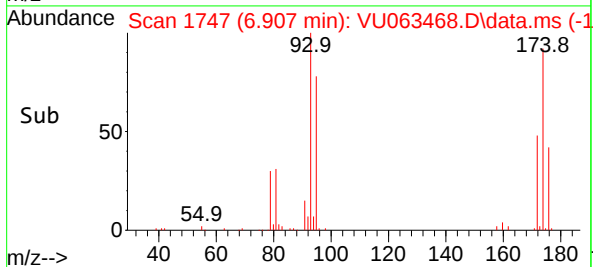
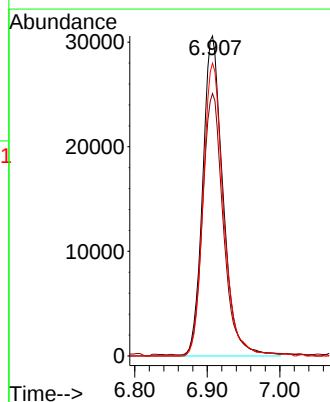
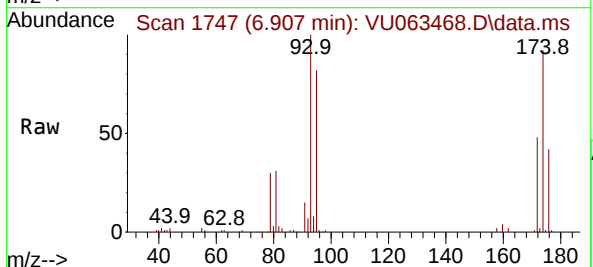
Tgt Ion: 93 Resp: 59468

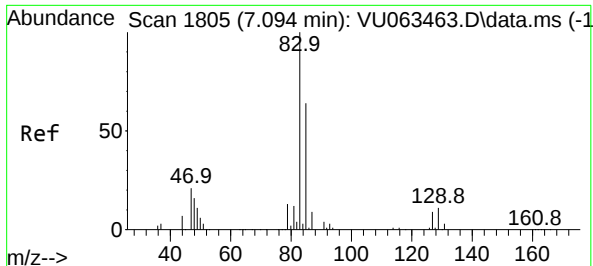
Ion Ratio Lower Upper

93 100

95 82.5 67.5 101.3

174 91.8 73.1 109.7

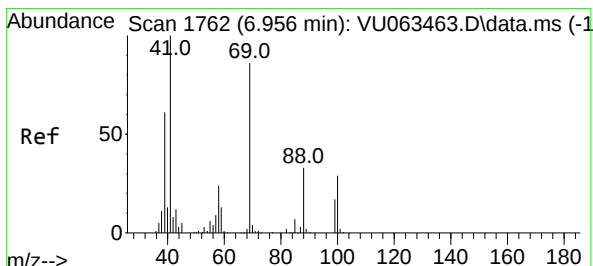
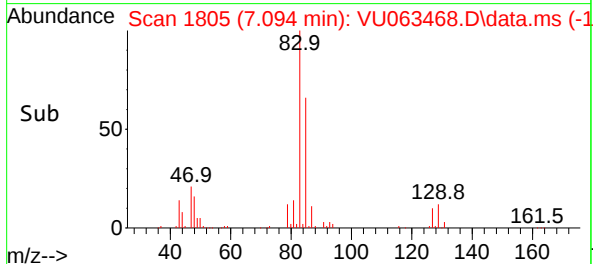
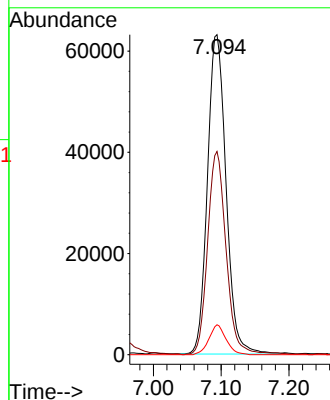
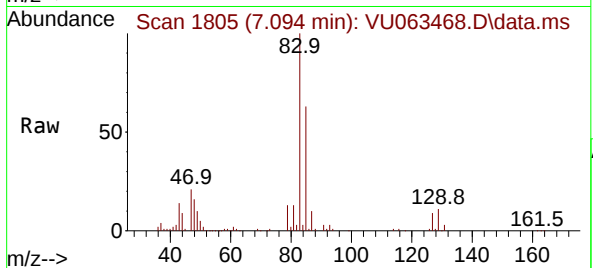




#47
Bromodichloromethane
Concen: 51.556 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

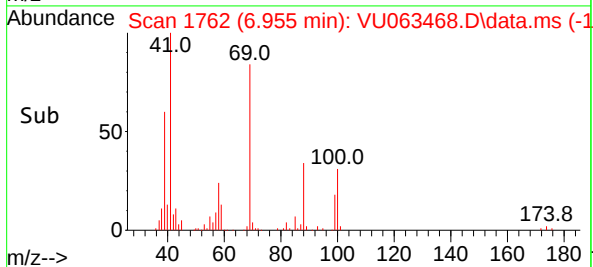
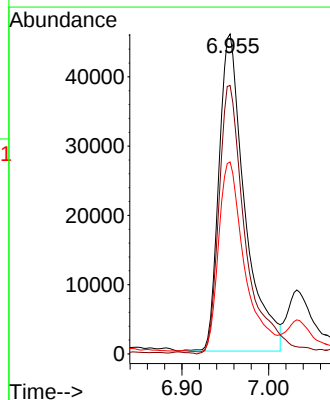
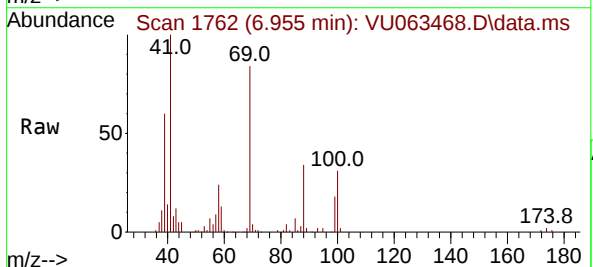
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

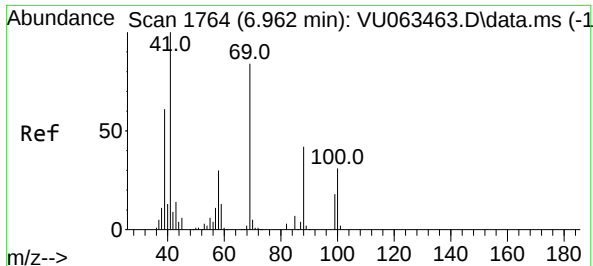
Tgt Ion: 83 Resp: 120296
Ion Ratio Lower Upper
83 100
85 63.4 51.4 77.0
127 9.4 7.0 10.4



#48
Methyl methacrylate
Concen: 52.552 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 41 Resp: 94914
Ion Ratio Lower Upper
41 100
69 87.7 69.8 104.8
39 60.1 48.3 72.5

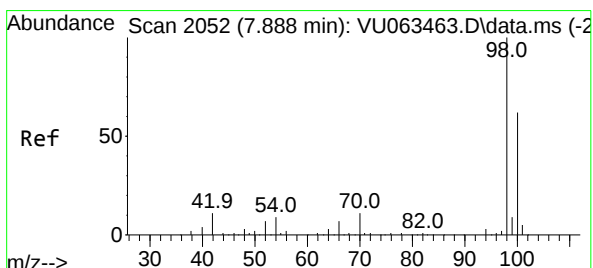
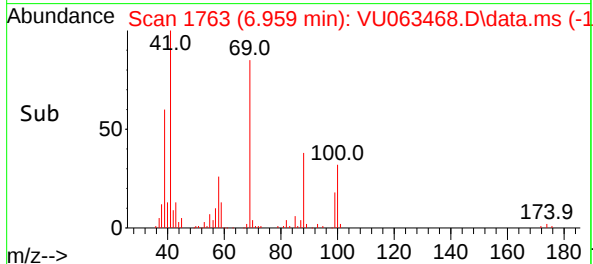
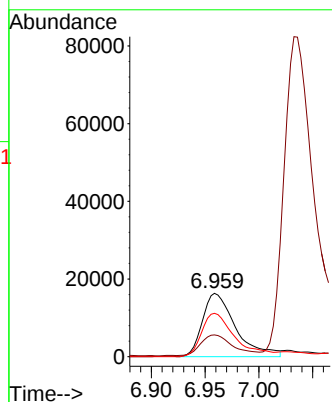
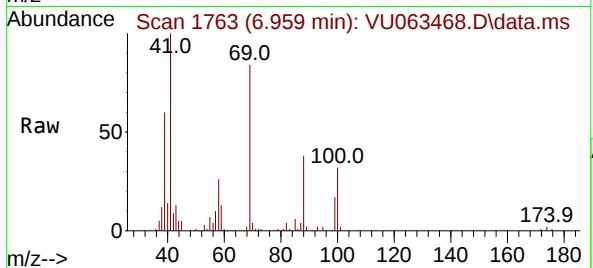




#49
1,4-Dioxane
Concen: 883.889 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

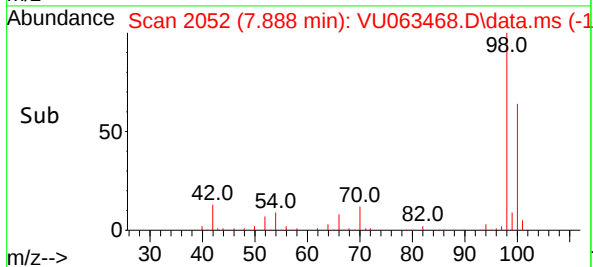
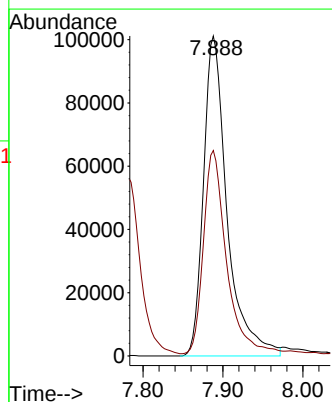
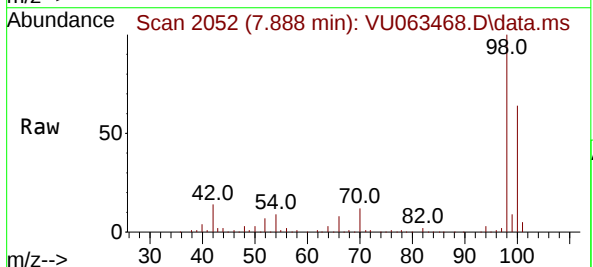
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

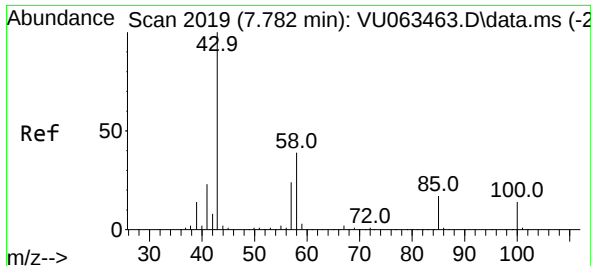
Tgt Ion: 88 Resp: 35031
Ion Ratio Lower Upper
88 100
43 31.1 25.6 38.4
58 67.9 55.0 82.6



#50
Toluene-d8
Concen: 47.759 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 98 Resp: 208129
Ion Ratio Lower Upper
98 100
100 61.7 48.1 72.1

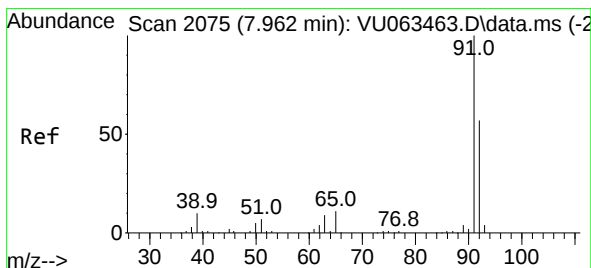
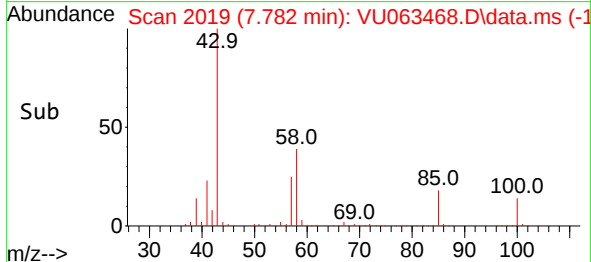
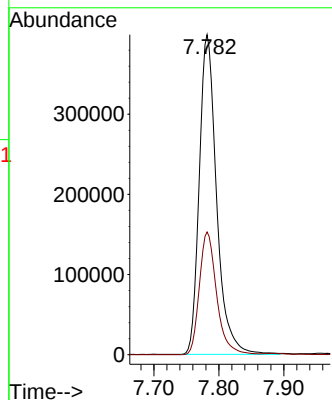
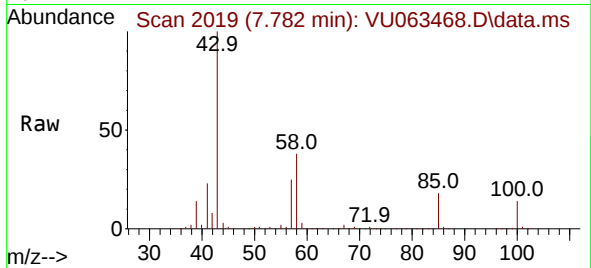




#51
4-Methyl-2-Pentanone
Concen: 262.094 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

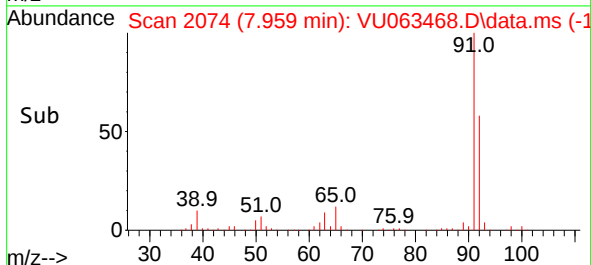
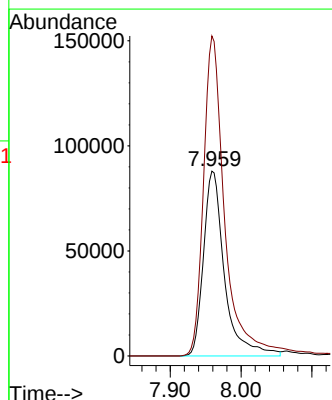
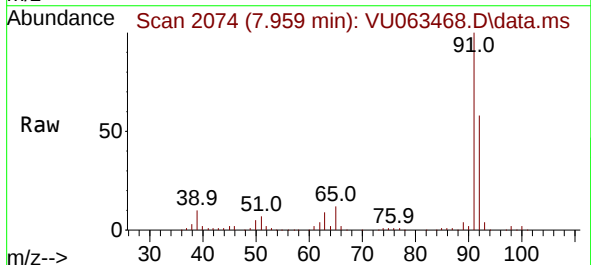
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

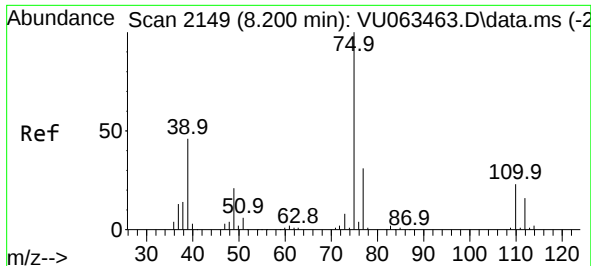
Tgt Ion: 43 Resp: 741298
Ion Ratio Lower Upper
43 100
58 38.3 31.0 46.4



#52
Toluene
Concen: 48.928 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 92 Resp: 181561
Ion Ratio Lower Upper
92 100
91 177.2 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 52.825 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

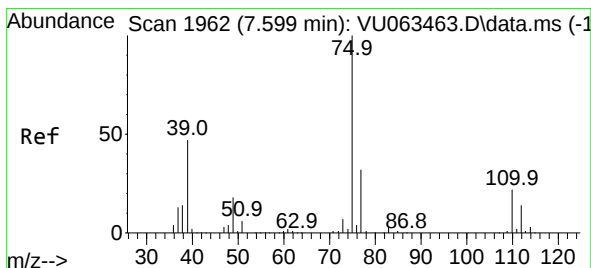
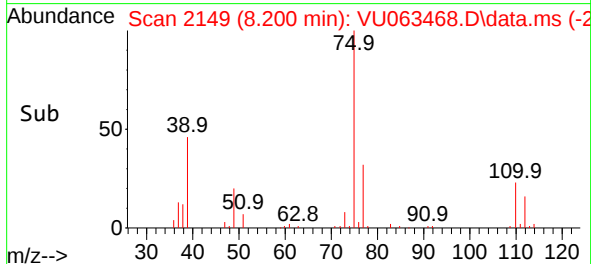
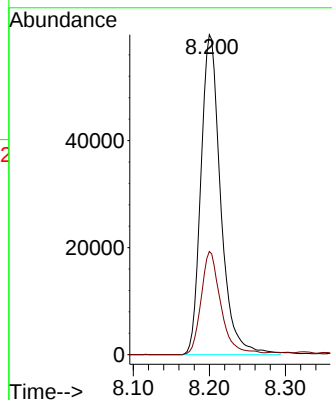
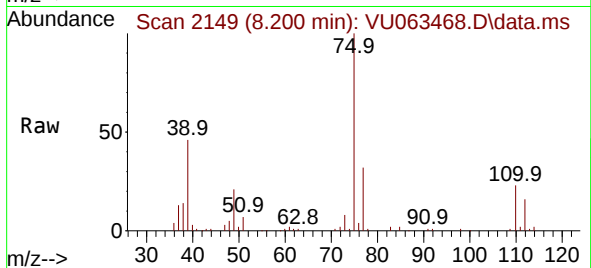
VSTDCCC050

Tgt Ion: 75 Resp: 107859

Ion Ratio Lower Upper

75 100

77 32.3 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.288 ug/l

RT: 7.595 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

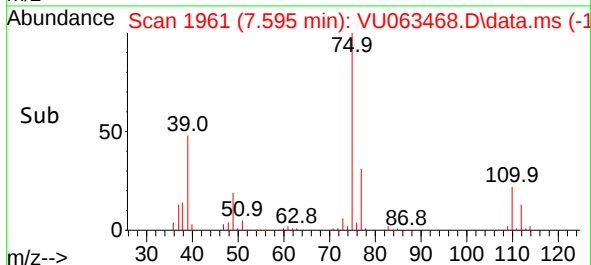
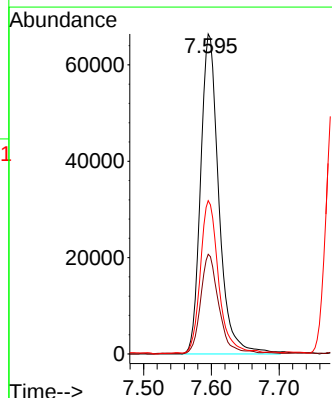
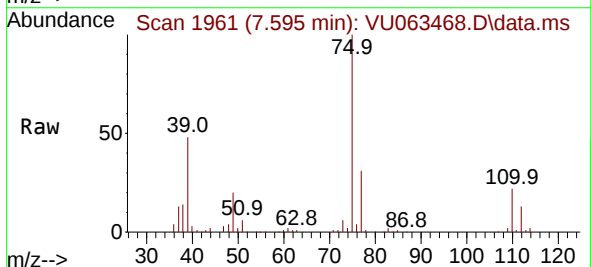
Tgt Ion: 75 Resp: 124084

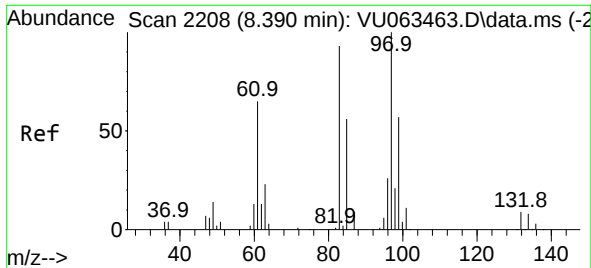
Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.0

39 47.6 37.2 55.8

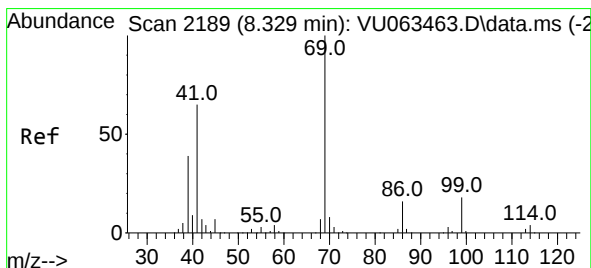
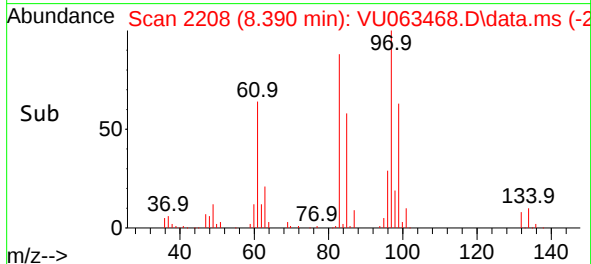
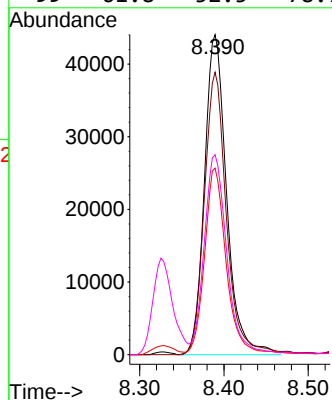
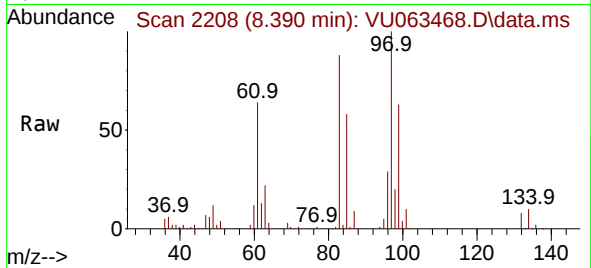




#55
 1,1,2-Trichloroethane
 Concen: 51.254 ug/l
 RT: 8.390 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

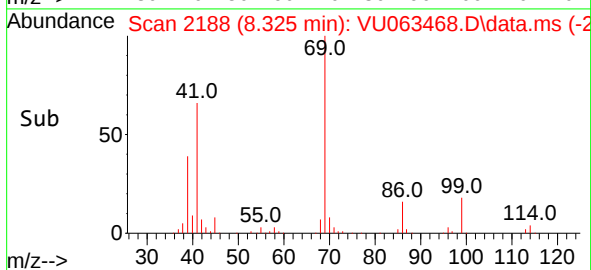
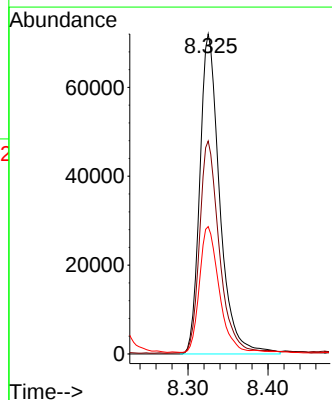
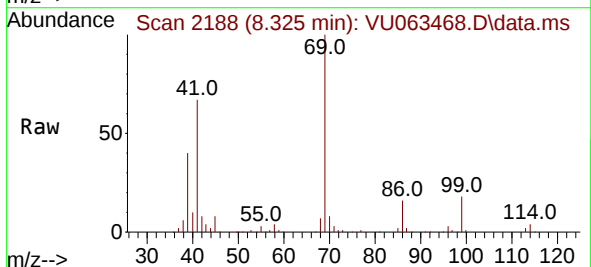
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

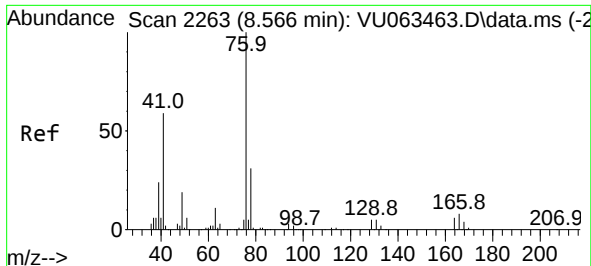
Tgt Ion: 97	Resp: 80771
Ion Ratio	Lower Upper
97 100	
83 88.3	74.2 111.4
85 57.6	45.8 68.8
99 61.8	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 49.213 ug/l
 RT: 8.325 min Scan# 2188
 Delta R.T. -0.003 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion: 69	Resp: 125105
Ion Ratio	Lower Upper
69 100	
41 66.0	53.0 79.6
39 38.3	31.0 46.4





#57

1,3-Dichloropropane

Concen: 50.691 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

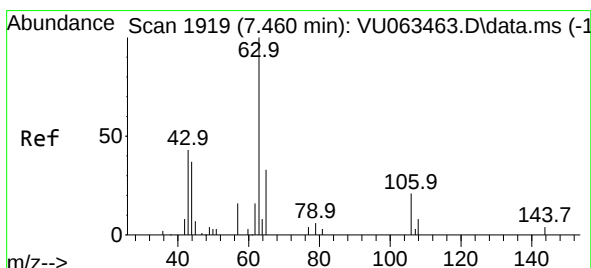
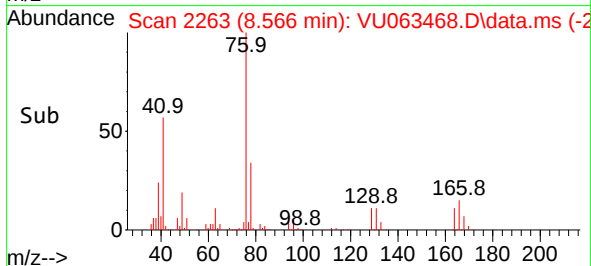
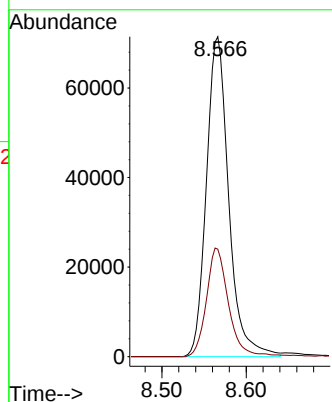
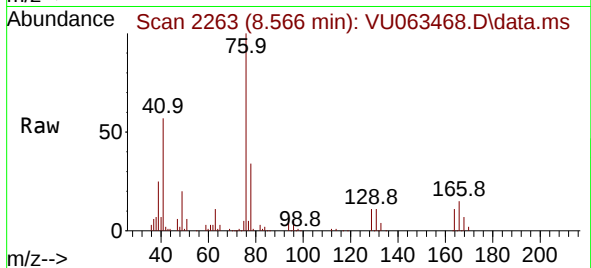
VSTDCCC050

Tgt Ion: 76 Resp: 131677

Ion Ratio Lower Upper

76 100

78 33.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 341.778 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. -0.003 min

Lab File: VU063468.D

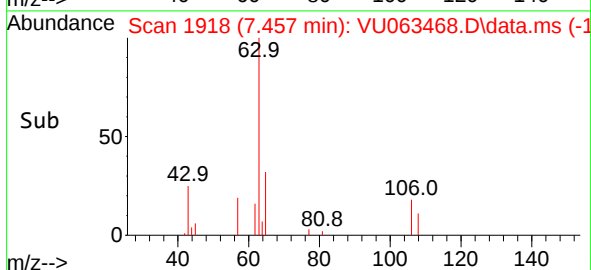
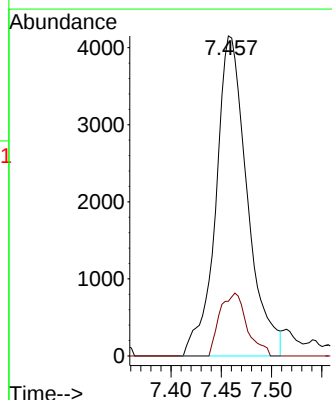
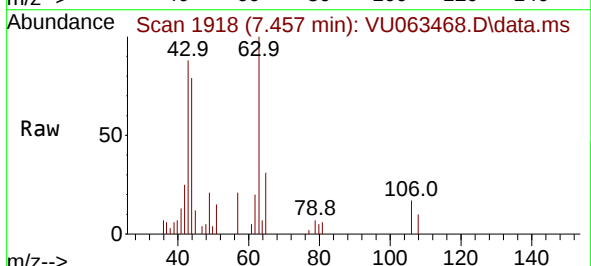
Acq: 10 Jul 2025 08:54

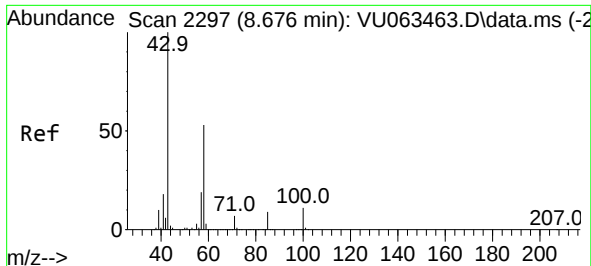
Tgt Ion: 63 Resp: 9022

Ion Ratio Lower Upper

63 100

106 17.0 11.5 17.3

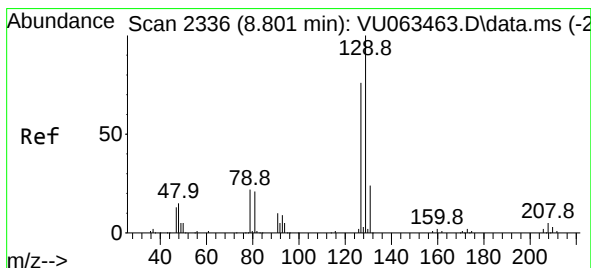
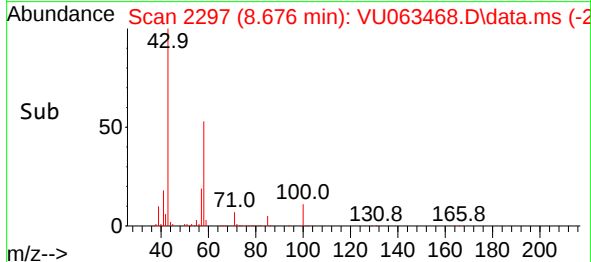
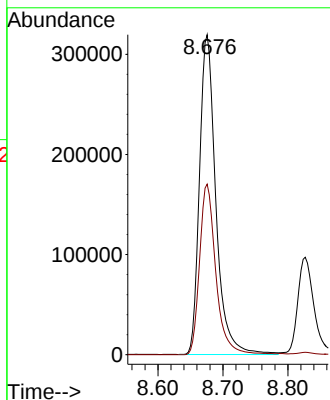
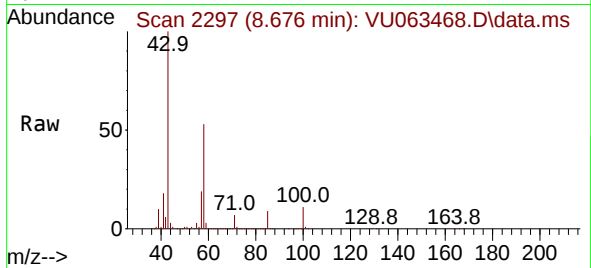




#59
2-Hexanone
Concen: 261.763 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

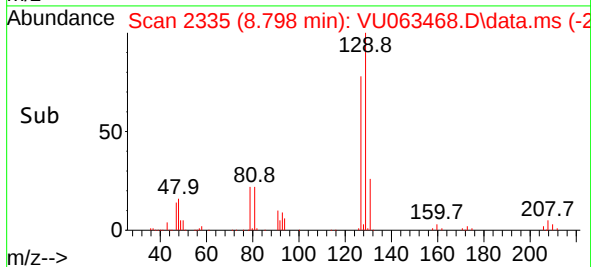
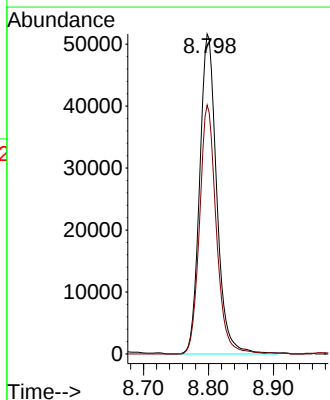
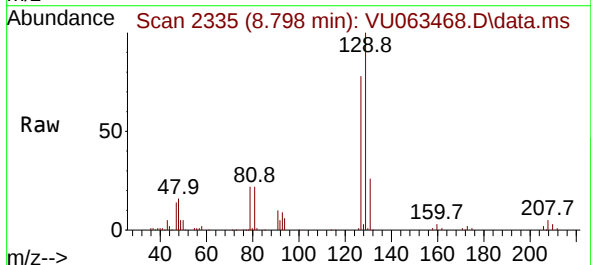
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

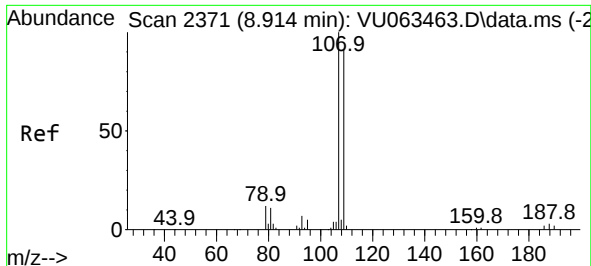
Tgt Ion: 43 Resp: 559980
Ion Ratio Lower Upper
43 100
58 53.3 26.9 80.7



#60
Dibromochloromethane
Concen: 53.477 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 129 Resp: 94408
Ion Ratio Lower Upper
129 100
127 76.3 39.1 117.2

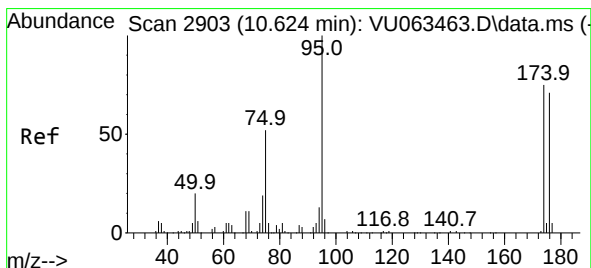
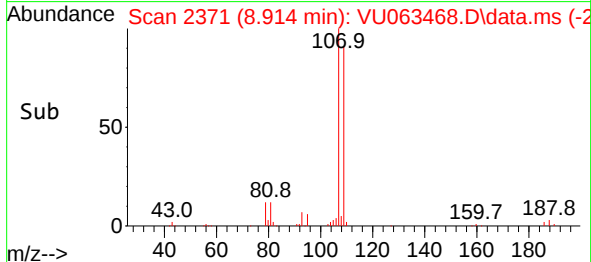
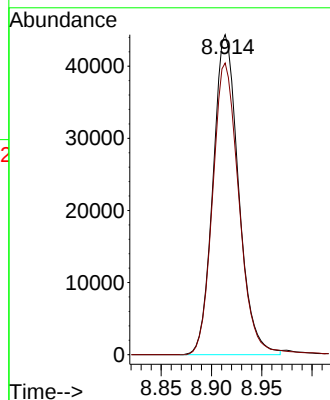
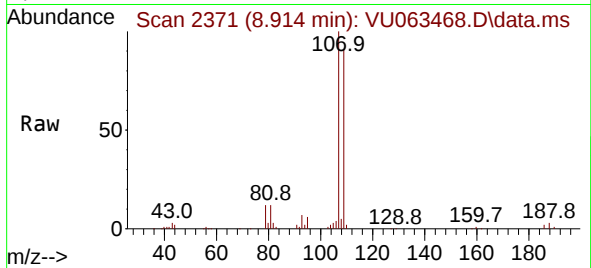




#61
1,2-Dibromoethane
Concen: 50.725 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

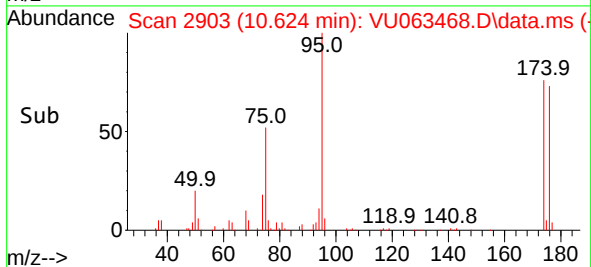
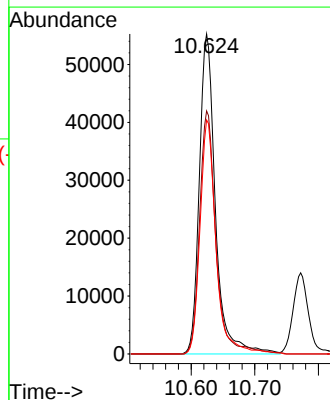
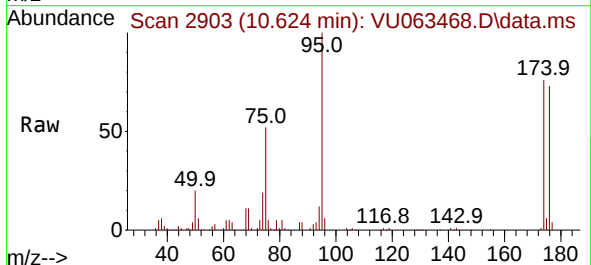
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

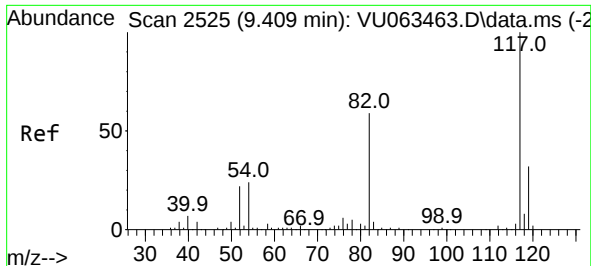
Tgt Ion:107 Resp: 78457
Ion Ratio Lower Upper
107 100
109 94.2 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 50.993 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 95 Resp: 97202
Ion Ratio Lower Upper
95 100
174 77.0 0.0 153.6
176 71.8 0.0 145.8

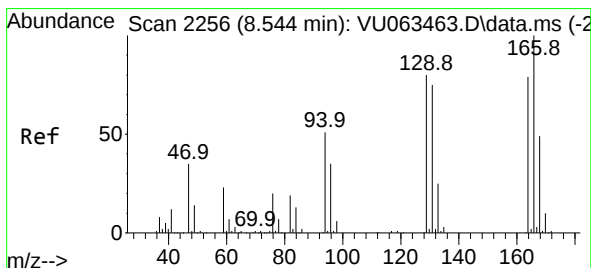
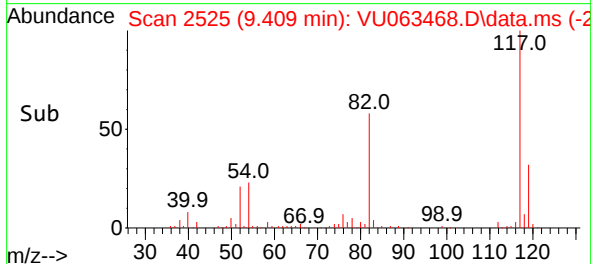
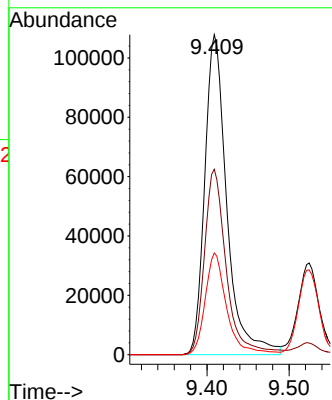
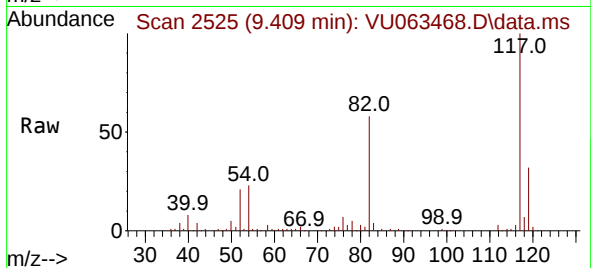




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

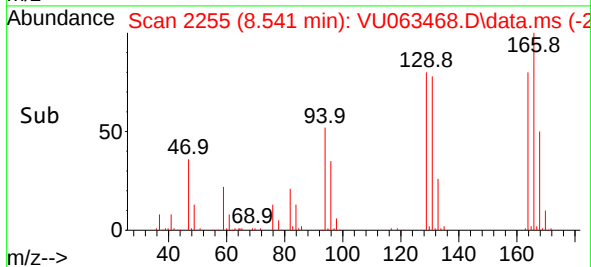
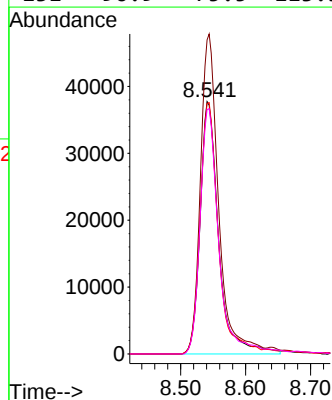
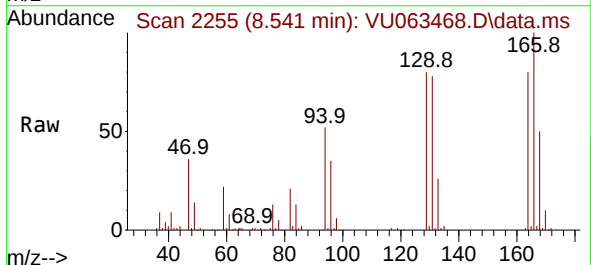
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

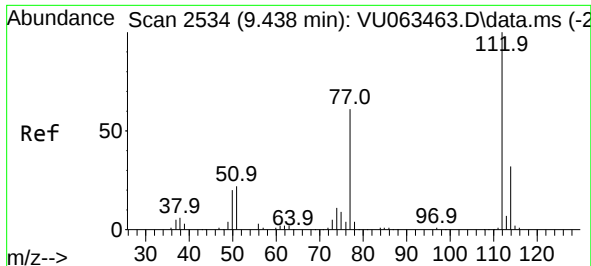
Tgt Ion:117 Resp: 201447
Ion Ratio Lower Upper
117 100
82 57.9 47.1 70.7
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 49.878 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:164 Resp: 74799
Ion Ratio Lower Upper
164 100
166 124.4 100.9 151.3
129 99.3 80.9 121.3
131 96.9 75.5 113.3

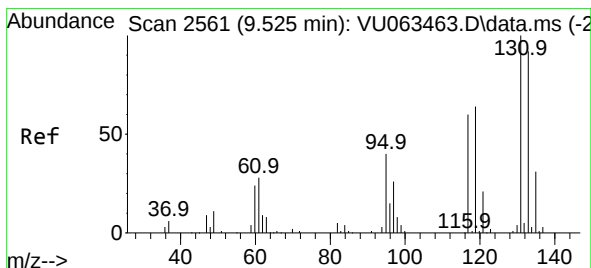
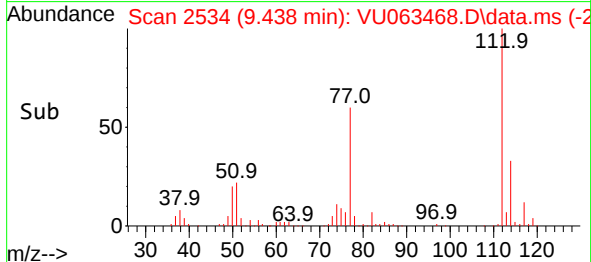
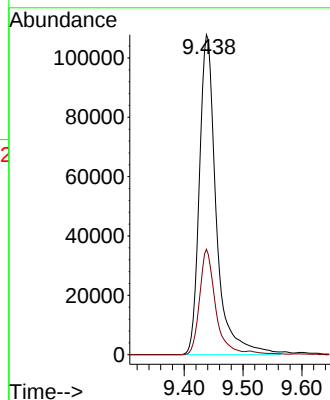
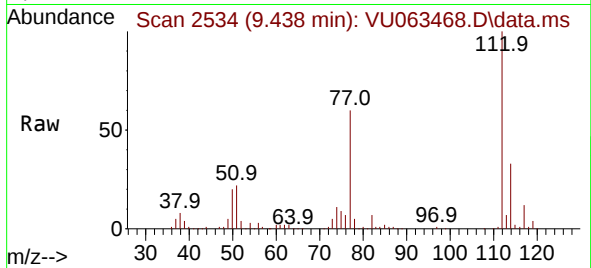




#65
Chlorobenzene
Concen: 51.293 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

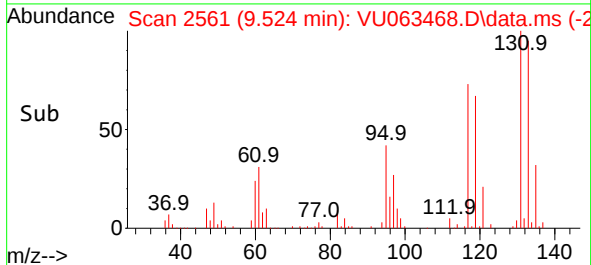
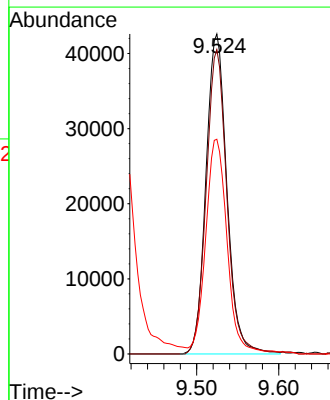
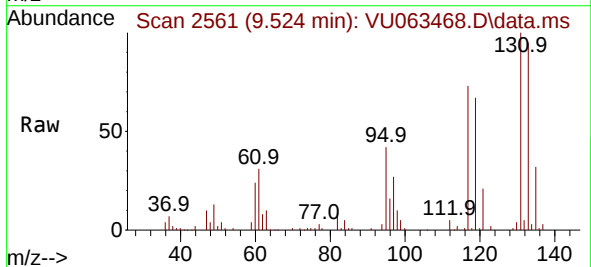
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

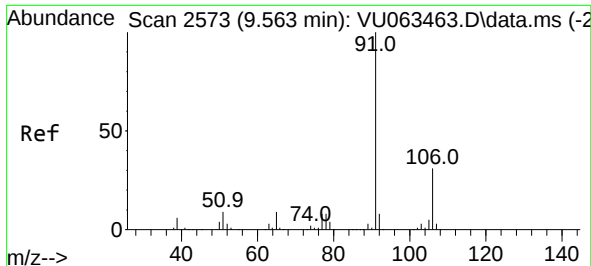
Tgt Ion:112 Resp: 214975
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 52.383 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:131 Resp: 75292
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.2
119 66.4 33.3 99.9





#67

Ethyl Benzene

Concen: 50.605 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

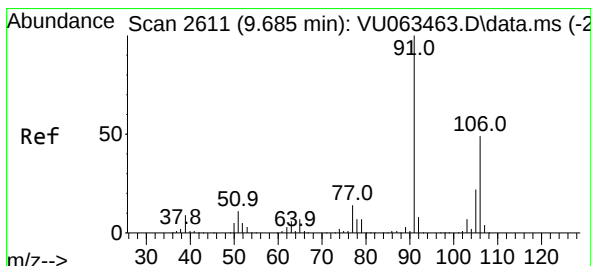
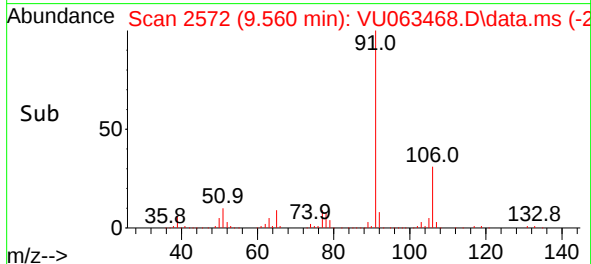
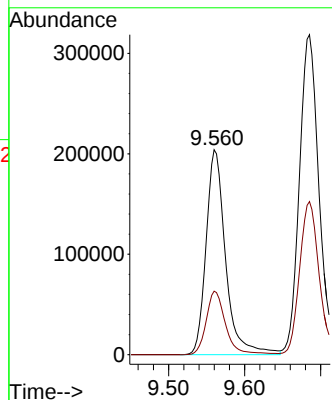
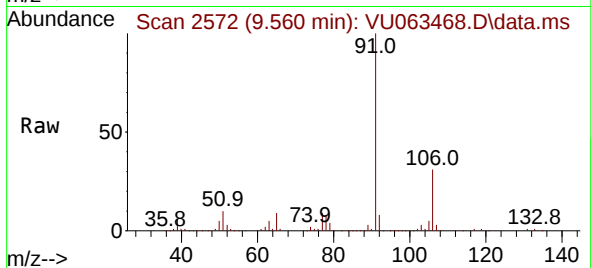
VSTDCCC050

Tgt Ion: 91 Resp: 364515

Ion Ratio Lower Upper

91 100

106 31.0 24.5 36.7



#68

m/p-Xylenes

Concen: 102.445 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063468.D

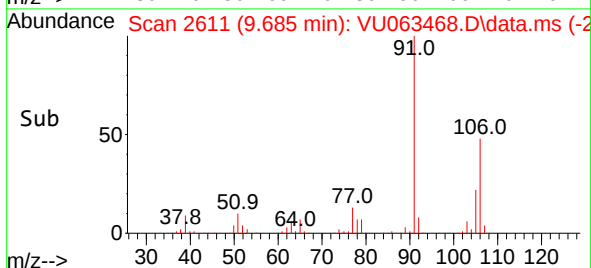
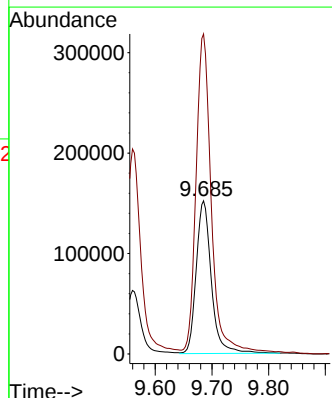
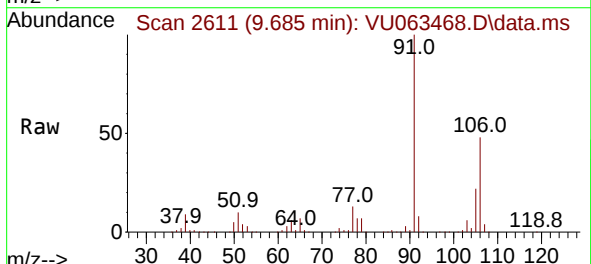
Acq: 10 Jul 2025 08:54

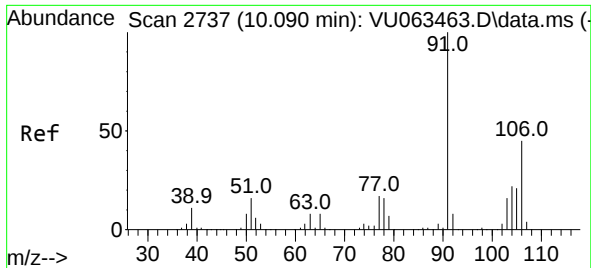
Tgt Ion:106 Resp: 281629

Ion Ratio Lower Upper

106 100

91 209.6 163.6 245.4

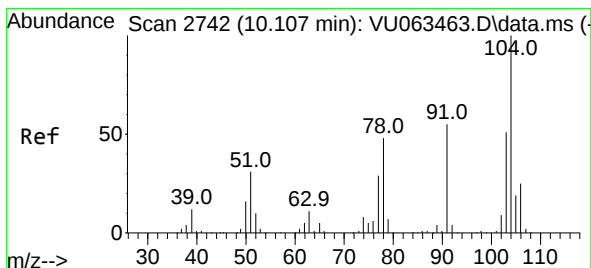
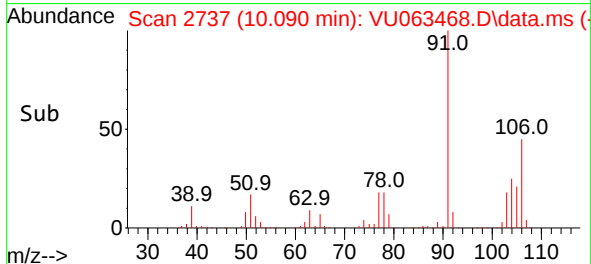
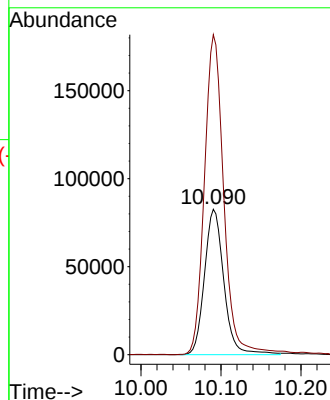
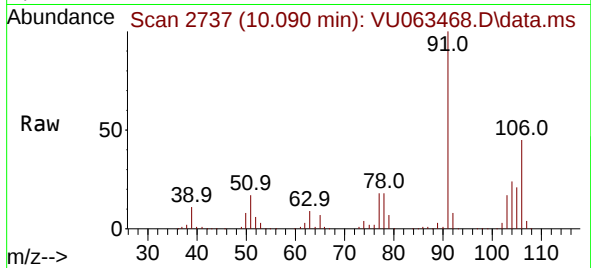




#69
o-Xylene
Concen: 49.992 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

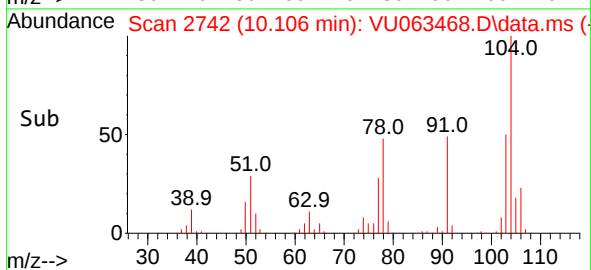
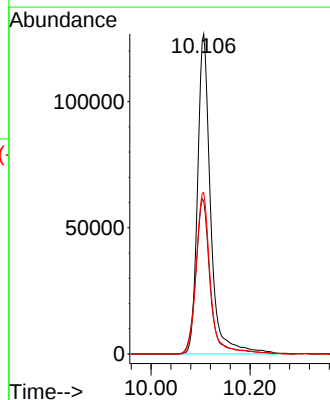
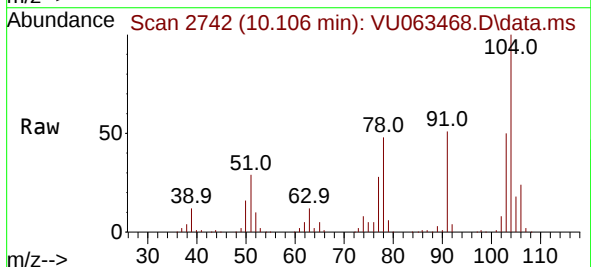
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

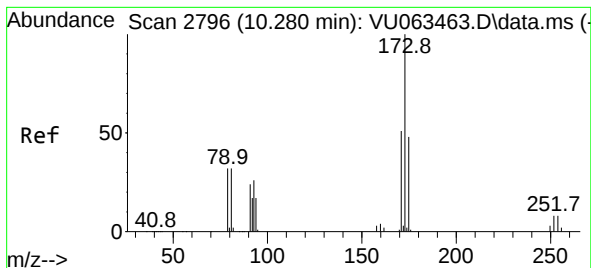
Tgt Ion:106 Resp: 139726
Ion Ratio Lower Upper
106 100
91 220.1 110.7 331.9



#70
Styrene
Concen: 52.623 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:104 Resp: 233861
Ion Ratio Lower Upper
104 100
78 52.2 41.4 62.0
103 53.9 44.3 66.5





#71

Bromoform

Concen: 54.124 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

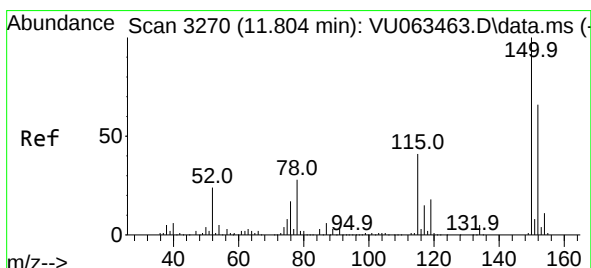
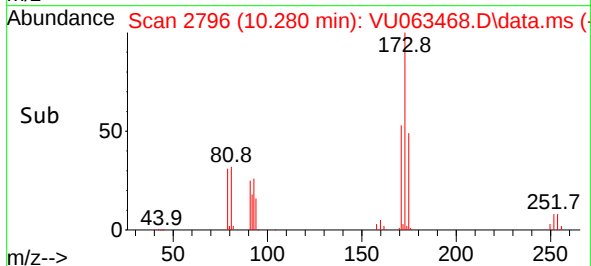
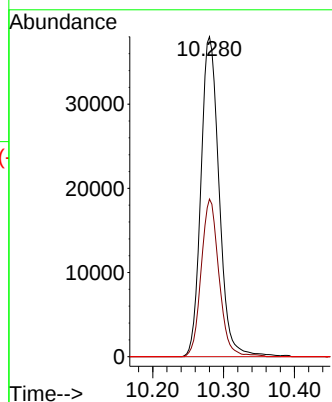
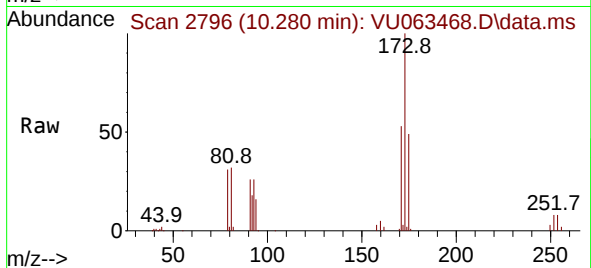
Tgt Ion:173 Resp: 67807

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.801 min Scan# 3269

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

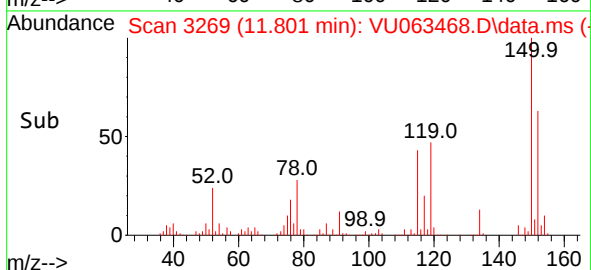
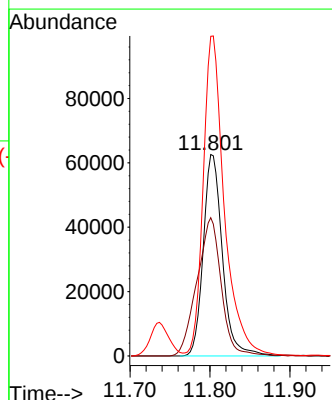
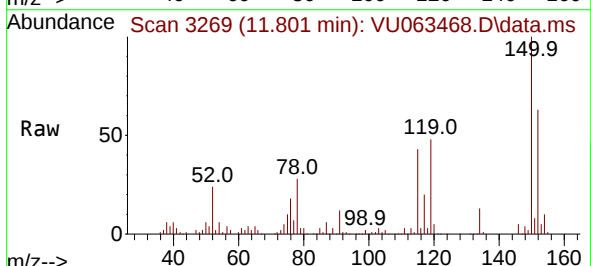
Tgt Ion:152 Resp: 104401

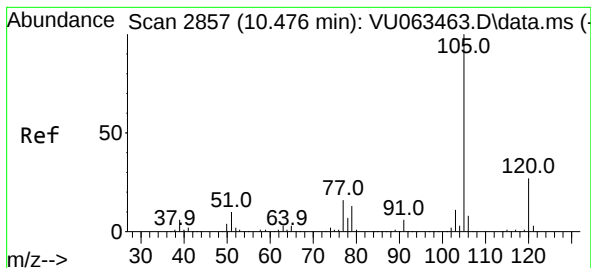
Ion Ratio Lower Upper

152 100

115 86.5 43.4 130.2

150 175.4 0.0 341.4





#73

Isopropylbenzene

Concen: 51.839 ug/l

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

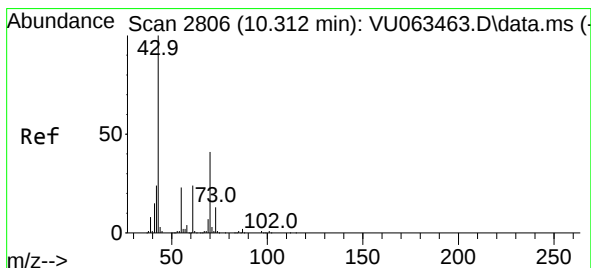
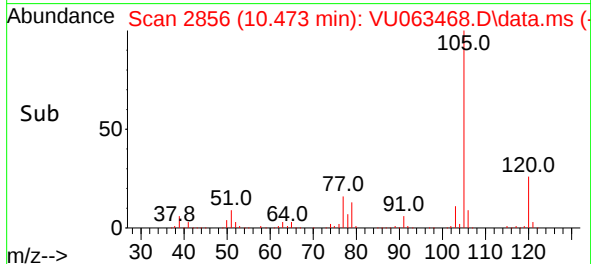
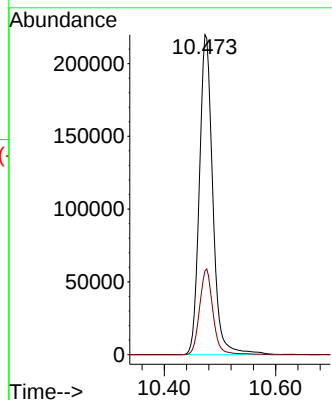
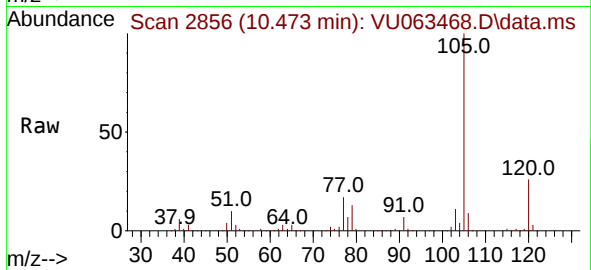
VSTDCCC050

Tgt Ion:105 Resp: 368250

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.1



#74

N-ethyl acetate

Concen: 52.442 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Tgt Ion: 43 Resp: 167066

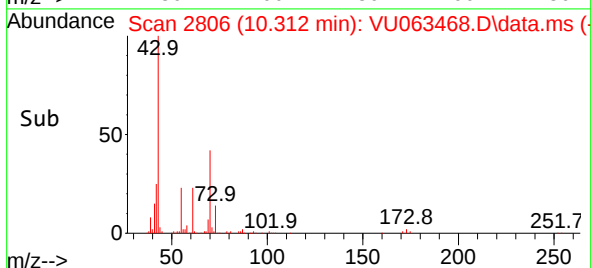
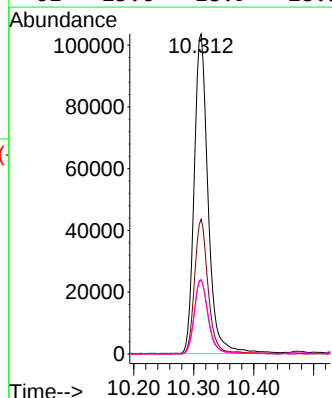
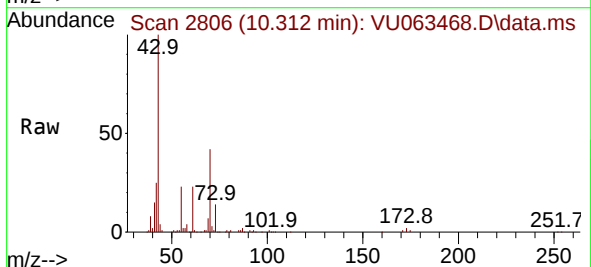
Ion Ratio Lower Upper

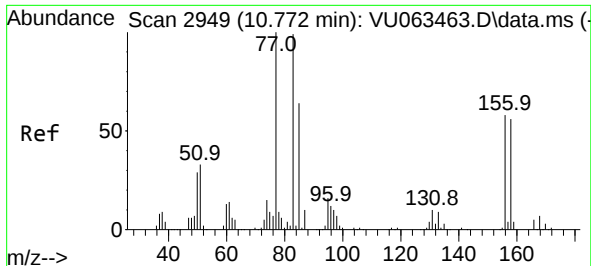
43 100

70 40.5 32.6 48.8

55 22.9 18.6 27.8

61 23.6 18.9 28.3

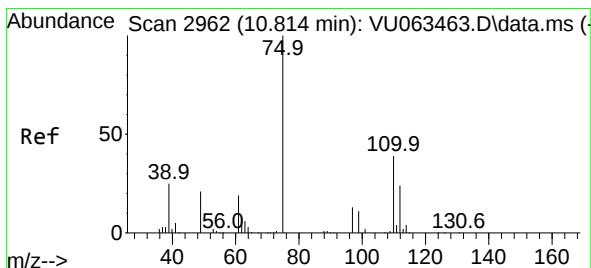
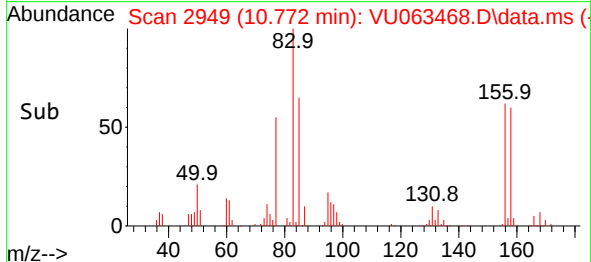
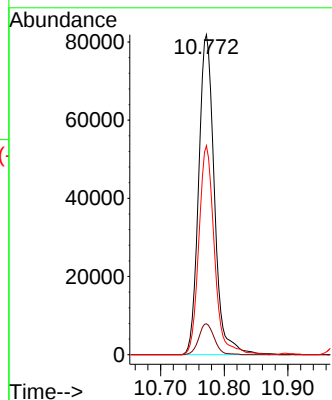
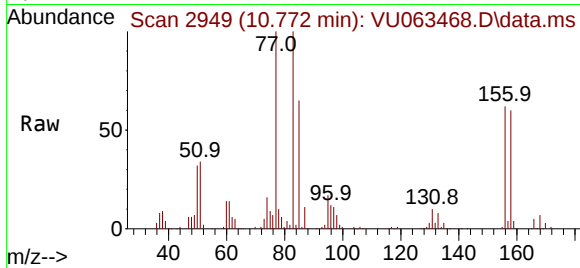




#75
 1,1,2,2-Tetrachloroethane
 Concen: 53.790 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

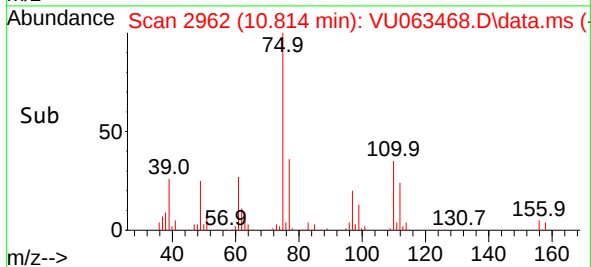
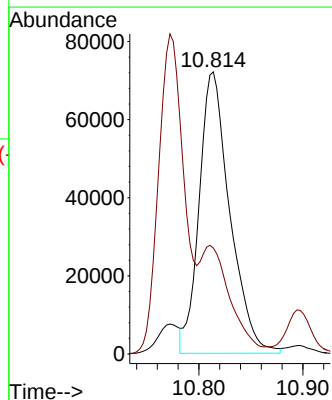
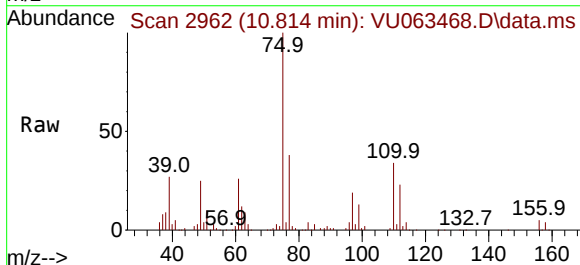
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

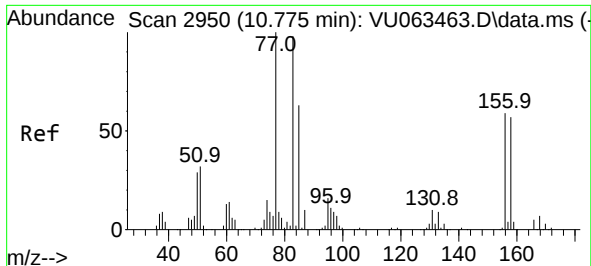
Tgt Ion: 83 Resp: 140652
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.8 14.3
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 53.429 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion: 75 Resp: 147808
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

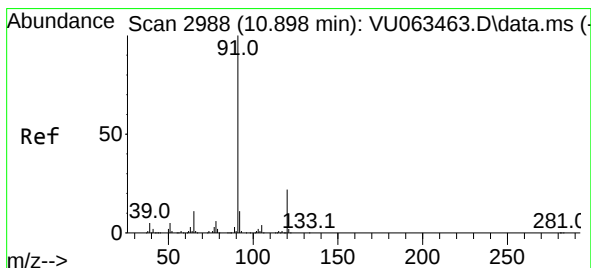
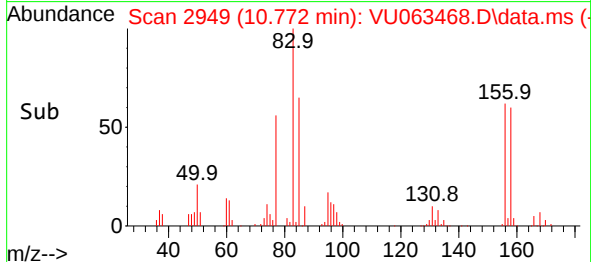
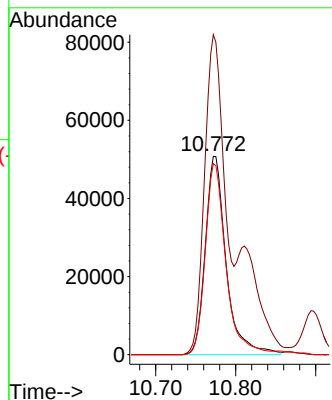
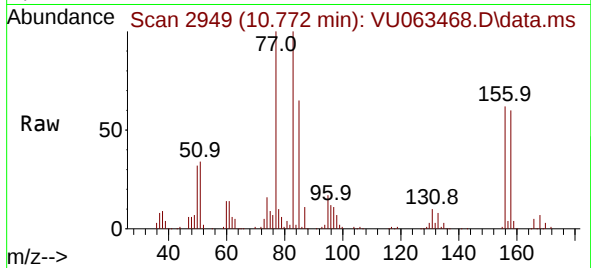




#77
Bromobenzene
Concen: 52.975 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

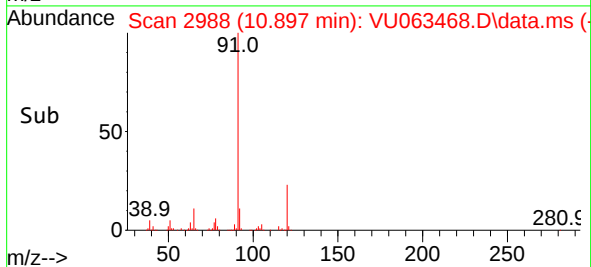
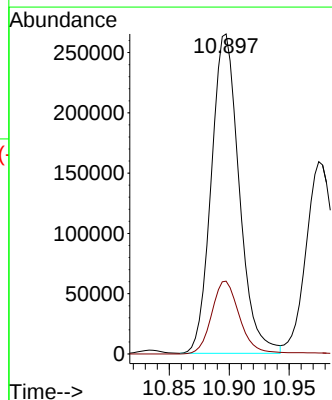
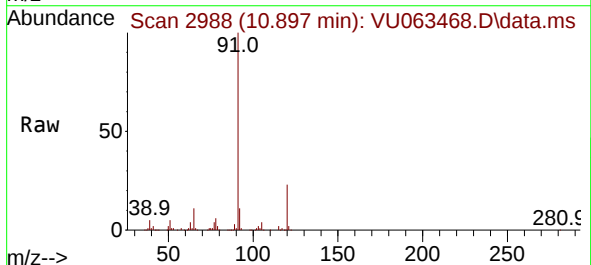
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

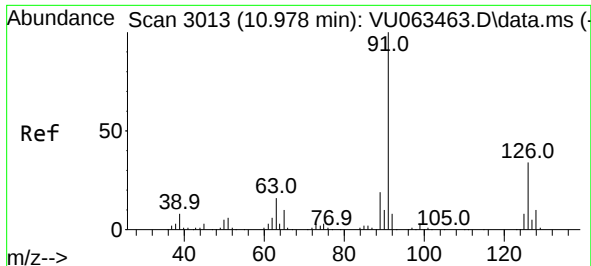
Tgt Ion:156 Resp: 92245
Ion Ratio Lower Upper
156 100
77 153.2 78.2 234.6
158 95.5 46.8 140.4



#78
n-propylbenzene
Concen: 51.970 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 91 Resp: 428148
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4

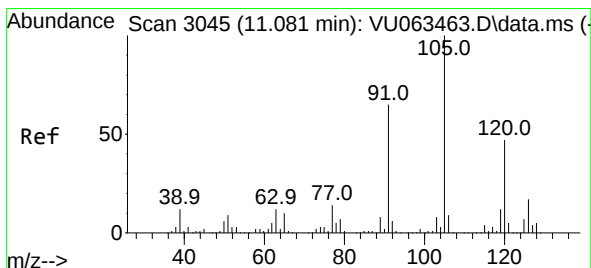
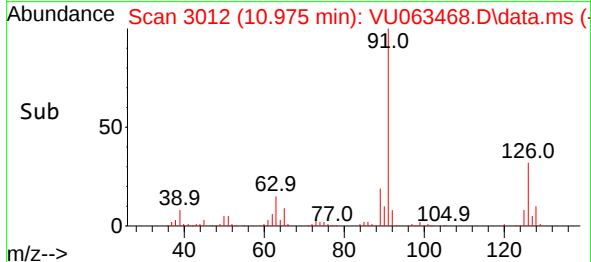
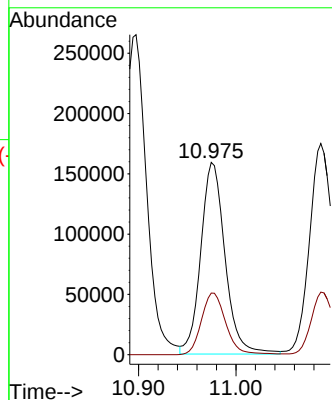
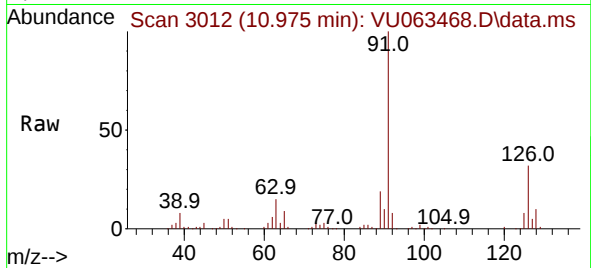




#79
2-Chlorotoluene
Concen: 53.353 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

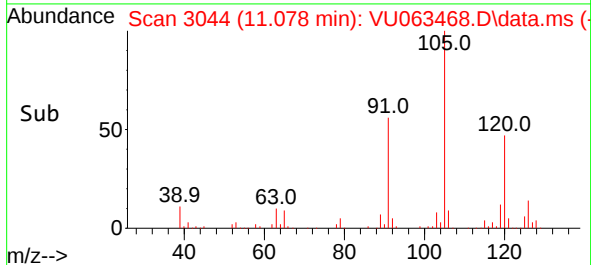
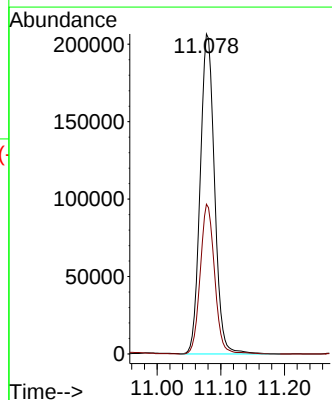
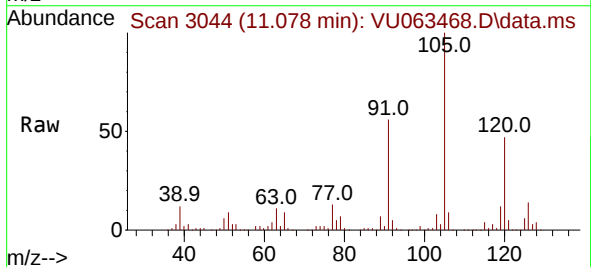
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

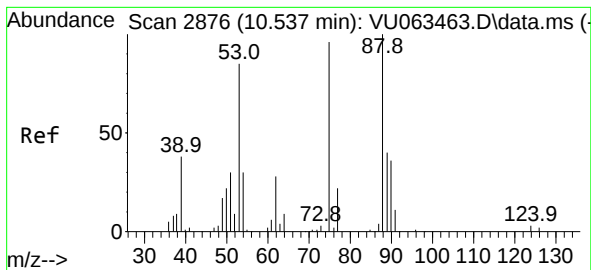
Tgt Ion: 91 Resp: 275667
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 52.171 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:105 Resp: 324157
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.2

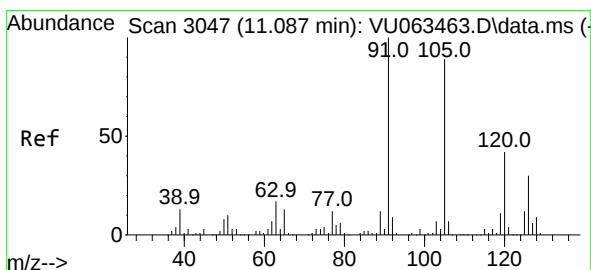
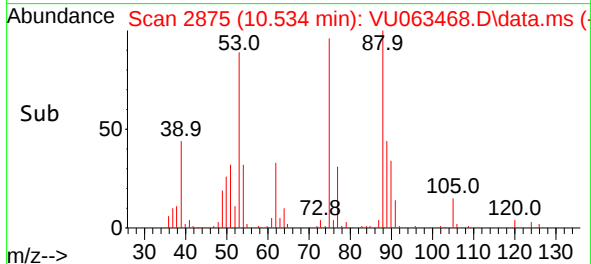
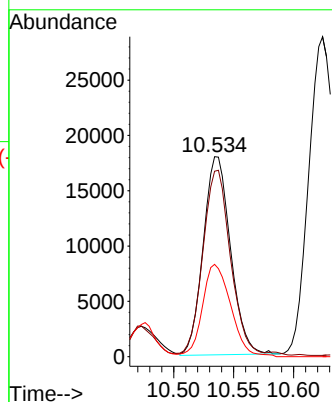
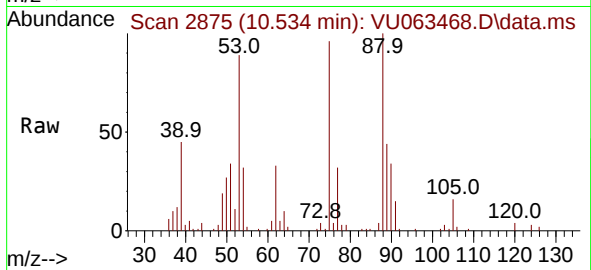




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.271 ug/l
 RT: 10.534 min Scan# 2875
 Delta R.T. -0.003 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

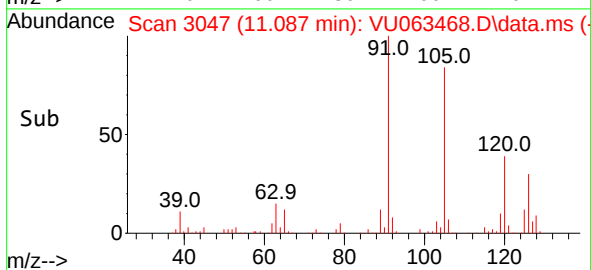
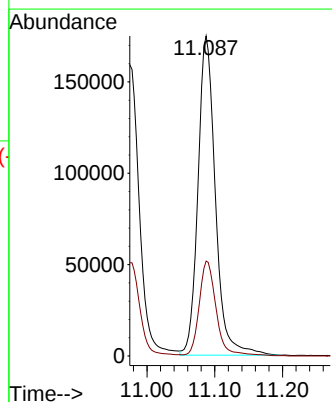
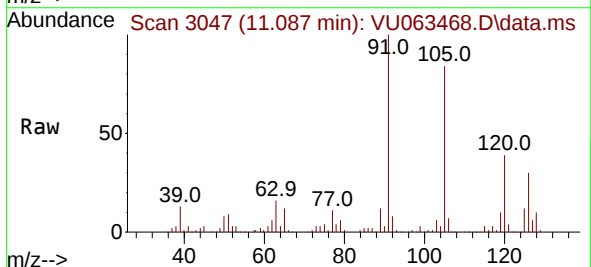
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

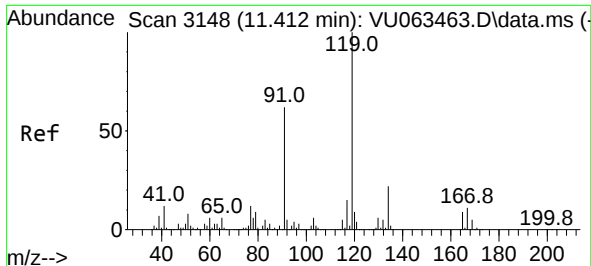
Tgt Ion: 75 Resp: 28439
 Ion Ratio Lower Upper
 75 100
 53 92.9 74.6 111.8
 89 48.2 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 53.212 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion: 91 Resp: 312135
 Ion Ratio Lower Upper
 91 100
 126 29.1 14.4 43.2

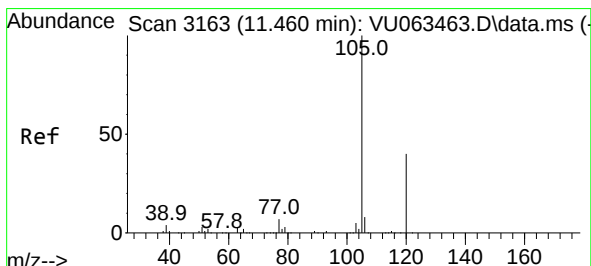
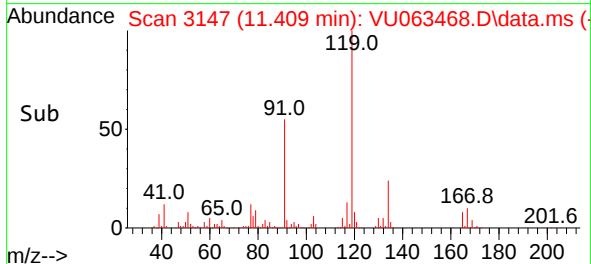
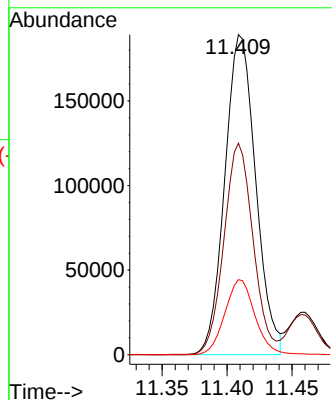
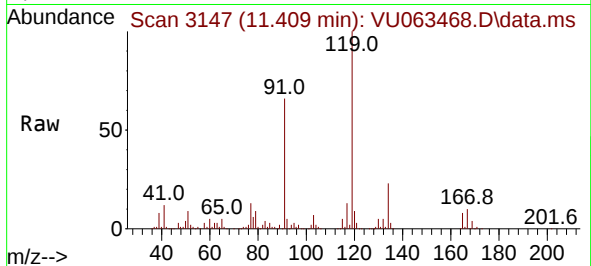




#83
tert-Butylbenzene
Concen: 52.592 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

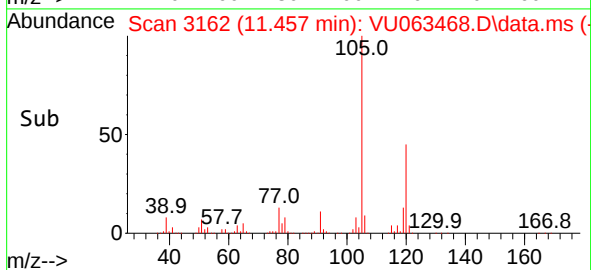
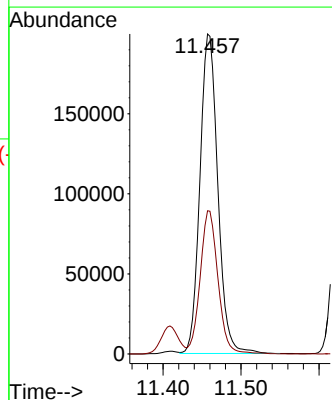
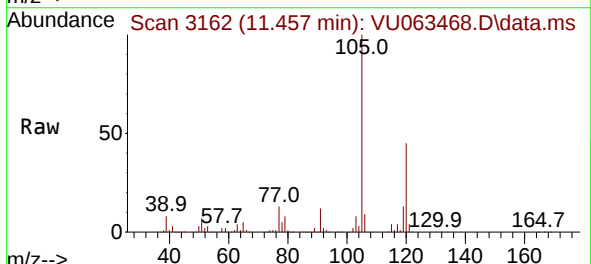
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

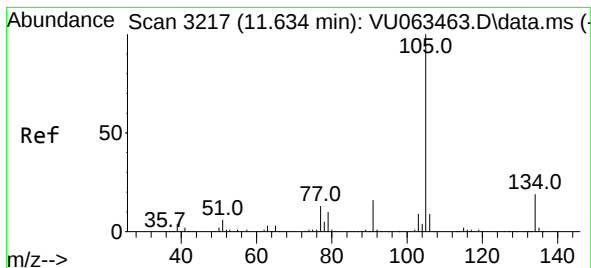
Tgt Ion:119 Resp: 313377
Ion Ratio Lower Upper
119 100
91 62.4 30.3 91.0
134 22.9 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 52.097 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:105 Resp: 317864
Ion Ratio Lower Upper
105 100
120 44.7 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.337 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

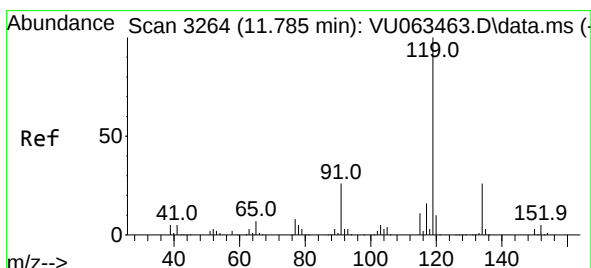
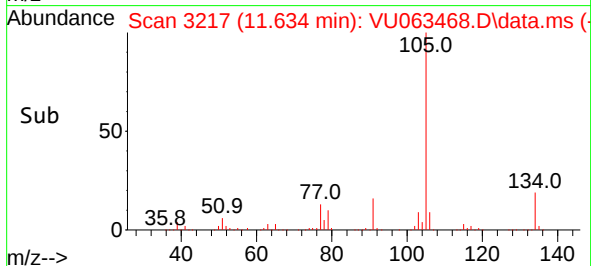
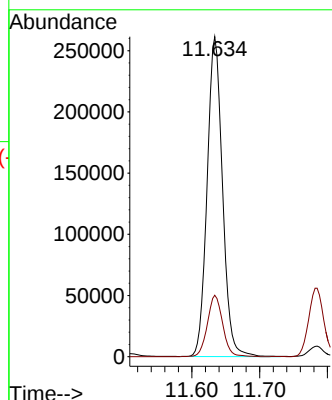
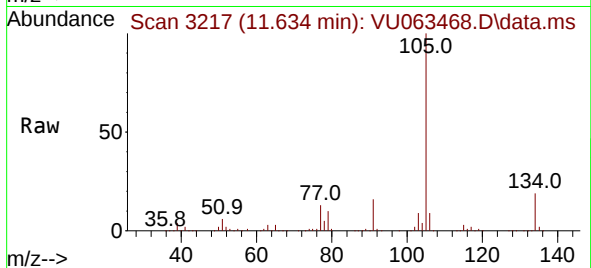
VSTDCCC050

Tgt Ion:105 Resp: 411508

Ion Ratio Lower Upper

105 100

134 19.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 52.814 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

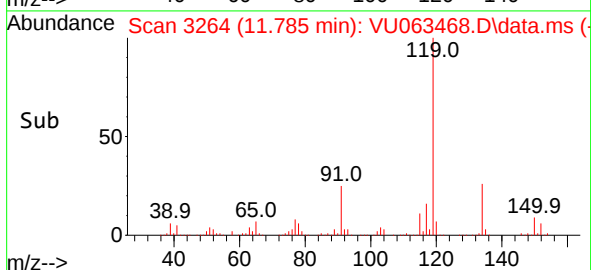
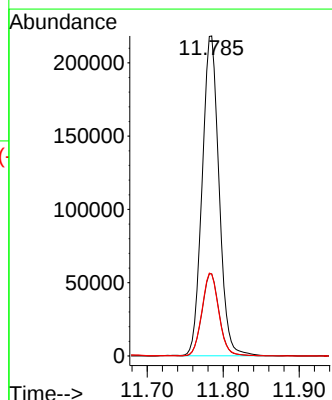
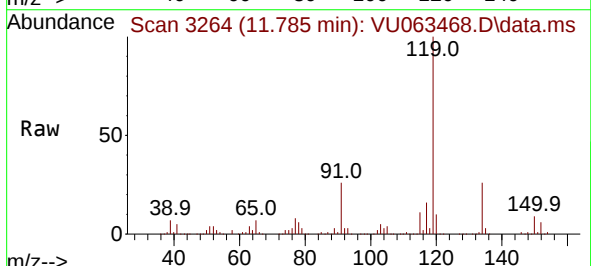
Tgt Ion:119 Resp: 336890

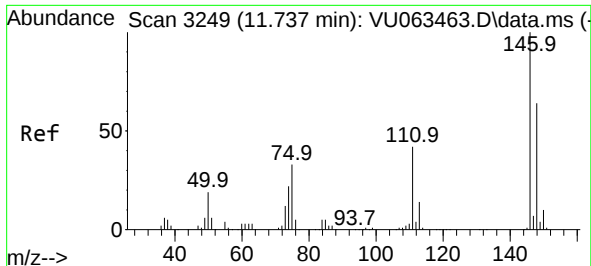
Ion Ratio Lower Upper

119 100

134 25.9 13.0 38.9

91 25.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 51.910 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063468.D

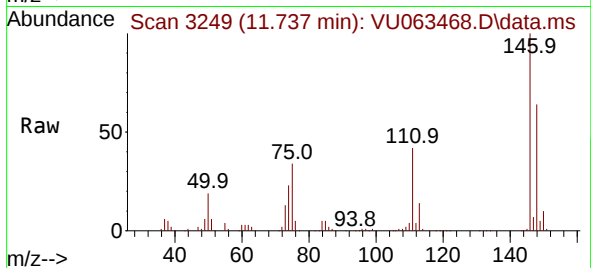
Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050



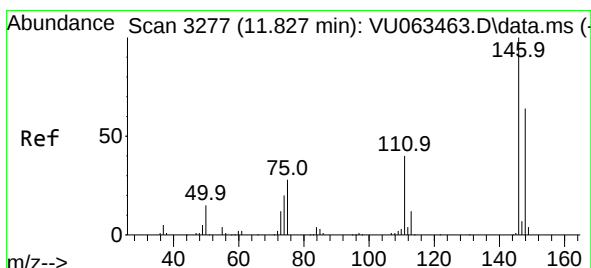
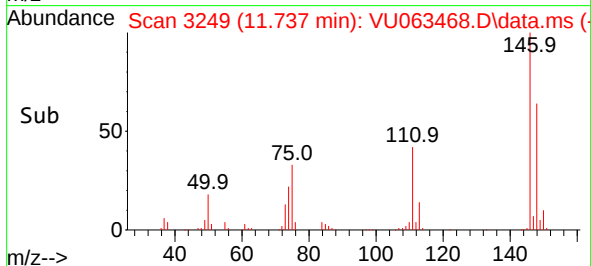
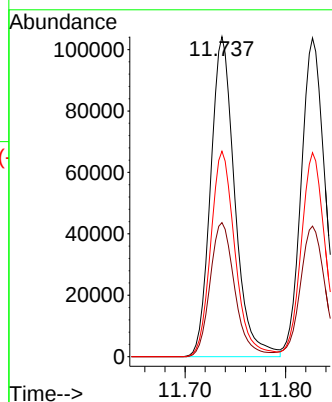
Tgt Ion:146 Resp: 174184

Ion Ratio Lower Upper

146 100

111 42.7 20.9 62.7

148 64.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.952 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

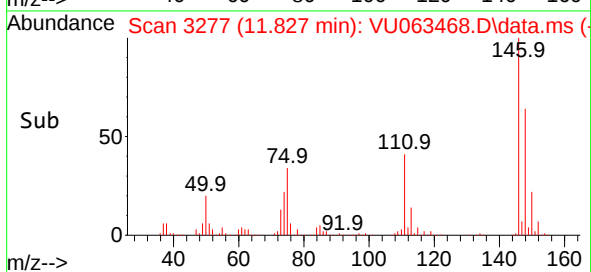
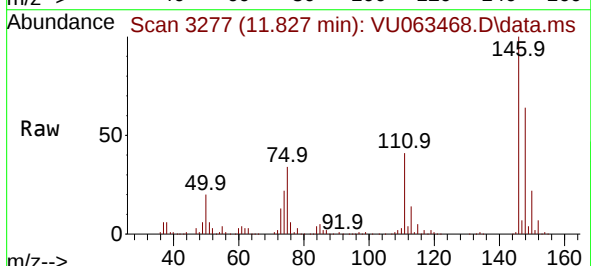
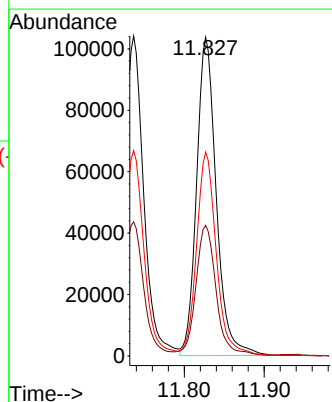
Tgt Ion:146 Resp: 177731

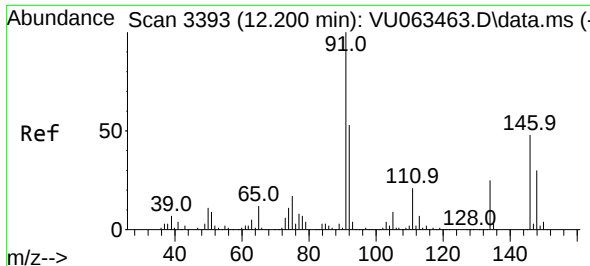
Ion Ratio Lower Upper

146 100

111 41.9 20.8 62.4

148 63.8 31.9 95.9

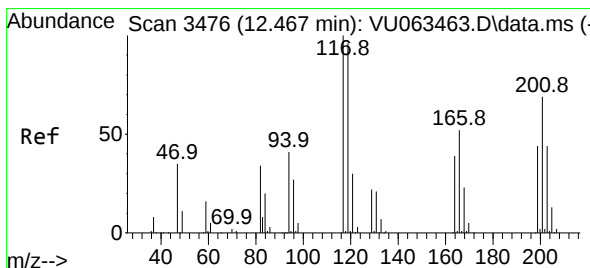
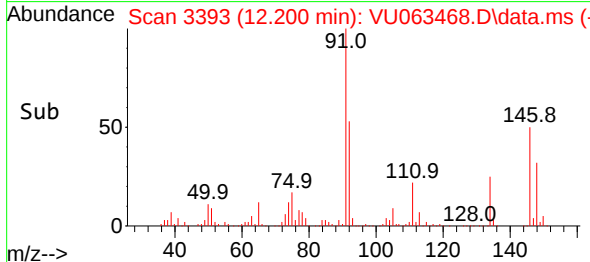
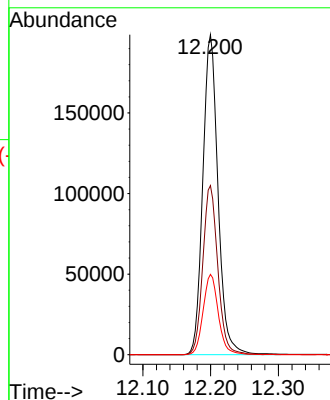
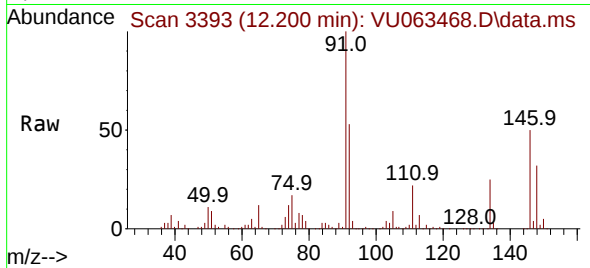




#89
n-Butylbenzene
Concen: 52.410 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

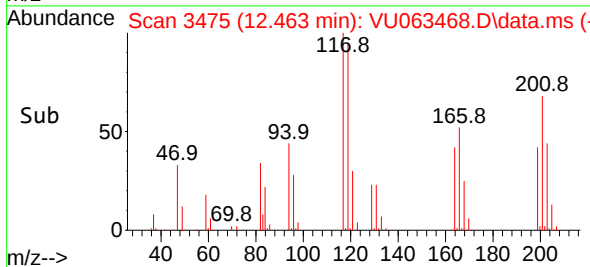
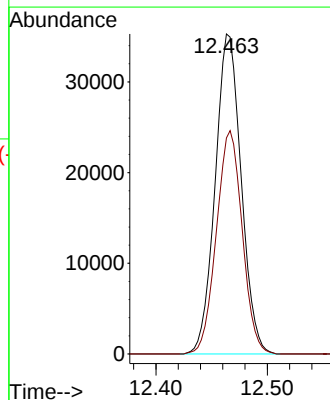
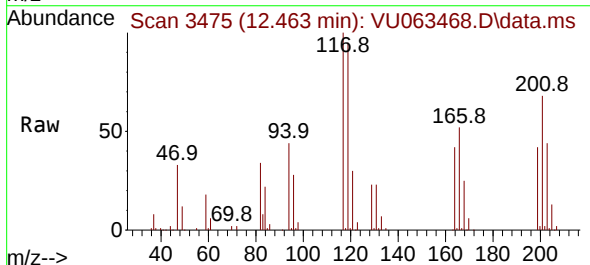
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

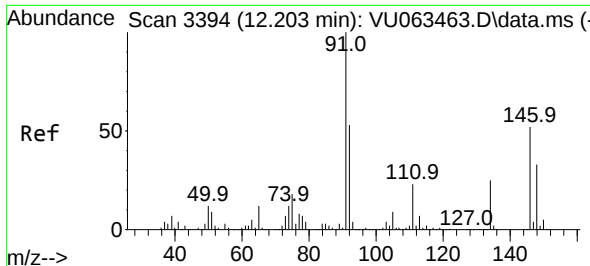
Tgt Ion: 91 Resp: 309418
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.2
134 25.1 12.4 37.0



#90
Hexachloroethane
Concen: 53.645 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion: 117 Resp: 57232
Ion Ratio Lower Upper
117 100
201 69.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 53.875 ug/l

RT: 12.203 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

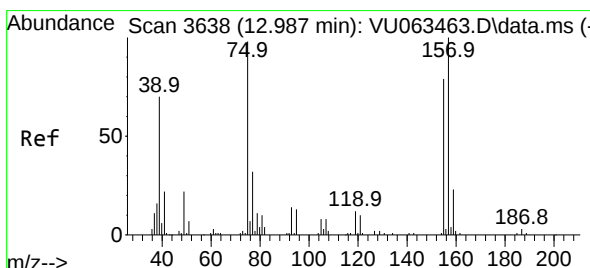
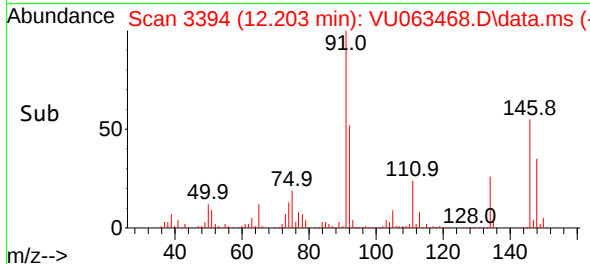
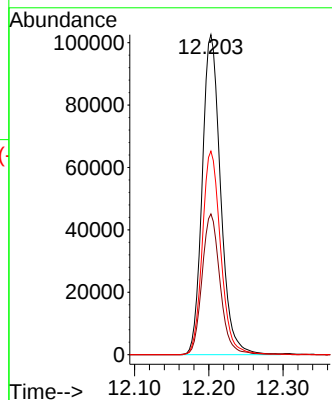
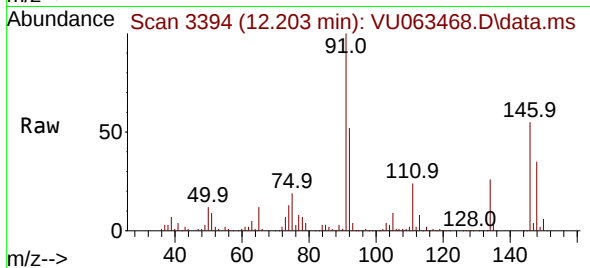
Tgt Ion:146 Resp: 176283

Ion Ratio Lower Upper

146 100

111 43.2 21.9 65.5

148 63.6 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.954 ug/l

RT: 12.984 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VU063468.D

Acq: 10 Jul 2025 08:54

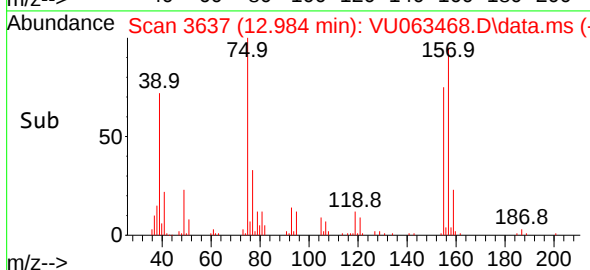
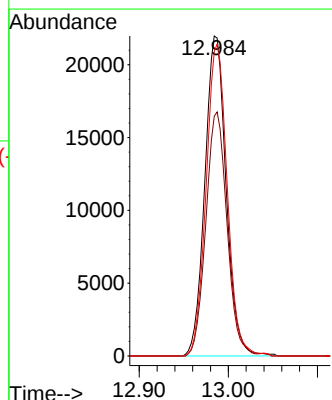
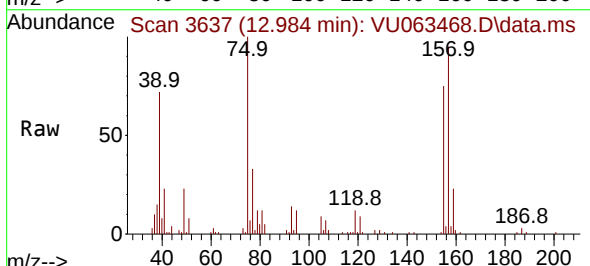
Tgt Ion: 75 Resp: 36510

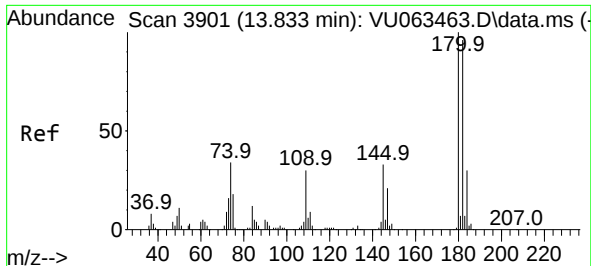
Ion Ratio Lower Upper

75 100

155 75.7 39.1 117.5

157 96.5 49.4 148.2

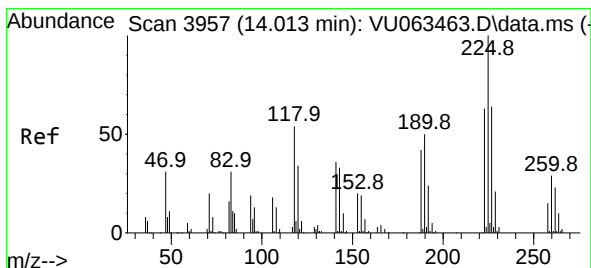
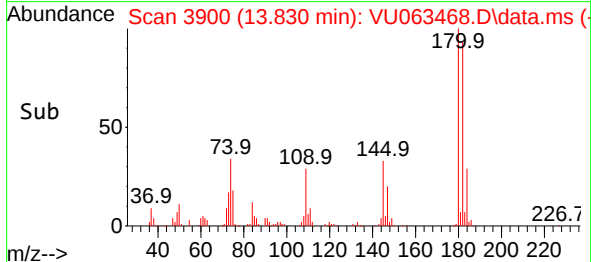
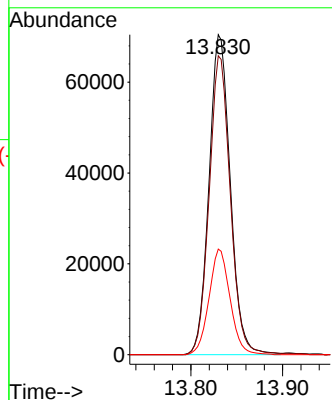
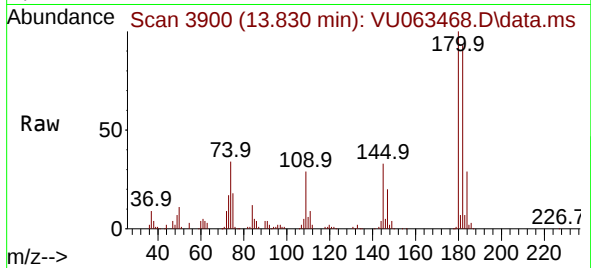




#93
 1,2,4-Trichlorobenzene
 Concen: 54.154 ug/l
 RT: 13.830 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

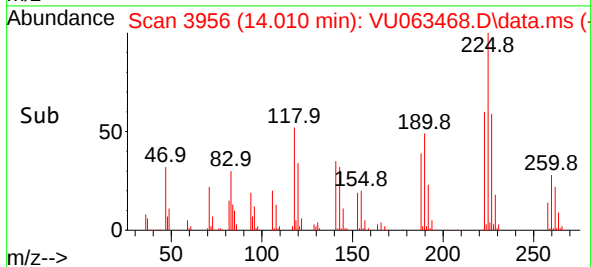
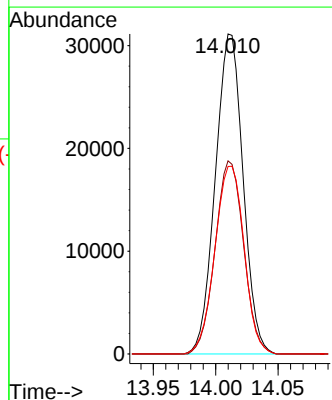
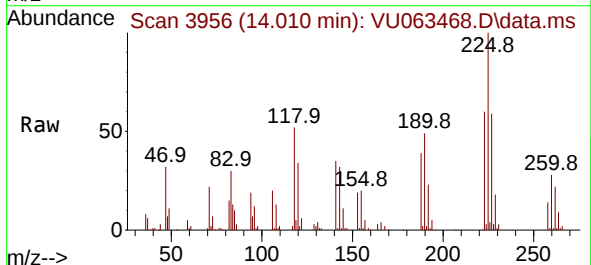
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

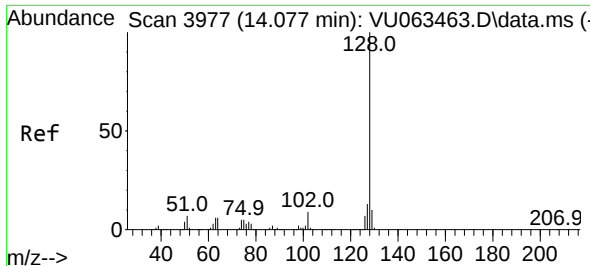
Tgt Ion:180 Resp: 113478
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.7 143.1
 145 32.7 16.6 49.7



#94
 Hexachlorobutadiene
 Concen: 53.884 ug/l
 RT: 14.010 min Scan# 3956
 Delta R.T. -0.003 min
 Lab File: VU063468.D
 Acq: 10 Jul 2025 08:54

Tgt Ion:225 Resp: 48266
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.4 97.0
 227 61.8 32.3 96.9

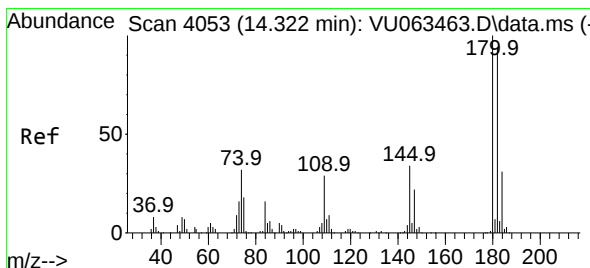
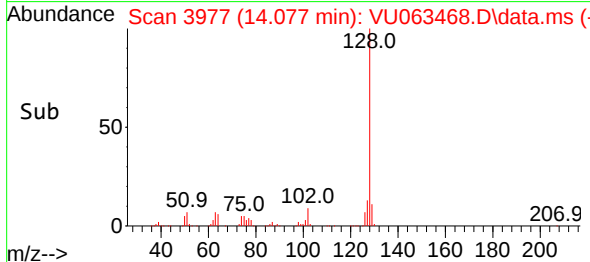
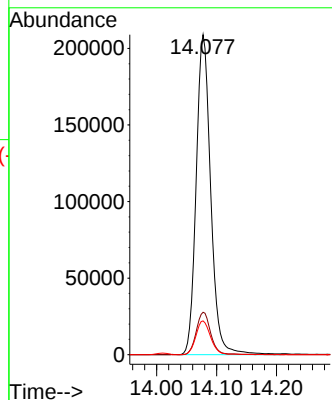
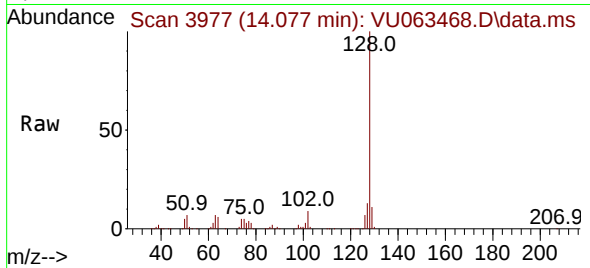




#95
Naphthalene
Concen: 51.406 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 352772
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.888 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063468.D
Acq: 10 Jul 2025 08:54

Tgt Ion:180 Resp: 108913
Ion Ratio Lower Upper
180 100
182 94.7 47.8 143.3
145 34.9 17.2 51.5

