

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063460.D
 Acq On : 08 Jul 2025 11:52
 Operator : MD/SY
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC001

Quant Time: Jul 09 03:50:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:50:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	140612	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	244719	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	222687	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	115285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.705	65	2475	1.380	ug/l	0.01
Spiked Amount	50.000	Range	78 - 117	Recovery	=	2.760%#
35) Dibromofluoromethane	5.287	113	1687	1.144	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	2.280%#
50) Toluene-d8	7.894	98	6053	1.259	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	2.520%#
62) 4-Bromofluorobenzene	10.634	95	3139	1.492	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	2.980%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	1259	1.126	ug/l	89
3) Chloromethane	1.518	50	1828	0.872	ug/l	100
4) Vinyl Chloride	1.599	62	1796	1.189	ug/l #	87
5) Bromomethane	1.850	94	2057	1.944	ug/l #	76
6) Chloroethane	1.927	64	1664	1.521	ug/l	91
7) Trichlorofluoromethane	2.129	101	2607	1.070	ug/l	99
8) Diethyl Ether	2.374	74	1159	1.141	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.570	101	1700	1.180	ug/l #	79
10) Methyl Iodide	2.711	142	1553	1.032	ug/l #	73
11) Tert butyl alcohol	3.206	59	3777	6.279	ug/l #	90
12) 1,1-Dichloroethene	2.570	96	1589	1.172	ug/l #	85
13) Acrolein	2.483	56	846	9.964	ug/l #	36
14) Allyl chloride	2.904	41	2061	0.629	ug/l #	65
15) Acrylonitrile	3.309	53	6186	4.801	ug/l #	86
16) Acetone	2.618	43	8199	5.448	ug/l	90
17) Carbon Disulfide	2.776	76	4762	0.766	ug/l	95
18) Methyl Acetate	2.943	43	2408	0.611	ug/l	97
19) Methyl tert-butyl Ether	3.364	73	6126	1.059	ug/l #	88
20) Methylene Chloride	3.026	84	3610	1.645	ug/l	91
21) trans-1,2-Dichloroethene	3.341	96	1993	0.783	ug/l	87
22) Diisopropyl ether	4.001	45	6384	1.174	ug/l #	84
23) Vinyl Acetate	3.965	43	19540	4.631	ug/l	99
24) 1,1-Dichloroethane	3.853	63	3279	1.063	ug/l #	85
25) 2-Butanone	4.747	43	6754	3.998	ug/l	95
26) 2,2-Dichloropropane	4.653	77	2880	1.051	ug/l	93
27) cis-1,2-Dichloroethene	4.653	96	1988	1.045	ug/l	86
28) Bromochloromethane	4.965	49	1596	1.101	ug/l #	99
29) Tetrahydrofuran	5.068	42	4753	4.246	ug/l	93
30) Chloroform	5.081	83	3717	1.141	ug/l	90
31) Cyclohexane	5.364	56	6700	2.697	ug/l #	52
32) 1,1,1-Trichloroethane	5.306	97	2999	1.081	ug/l #	49
36) 1,1-Dichloropropene	5.521	75	2534	1.264	ug/l #	82
37) Ethyl Acetate	4.827	43	995	0.300	ug/l #	70
38) Carbon Tetrachloride	5.505	117	2581	1.169	ug/l #	86
39) Methylcyclohexane	6.746	83	2926	1.208	ug/l	93
40) Benzene	5.769	78	6219	0.993	ug/l #	84

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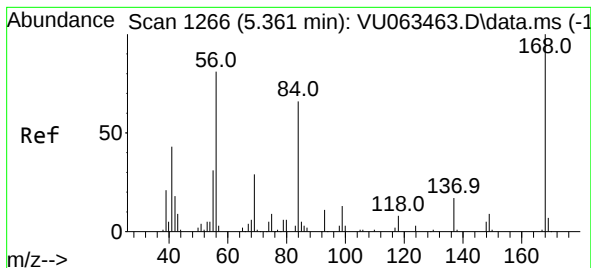
Instrument :
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 ClientSampleId :
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.795	62	2459	1.045	ug/l	97
43) Isopropyl Acetate	5.930	43	4029	0.934	ug/l #	90
44) Trichloroethene	6.537	130	1900	1.134	ug/l	91
45) 1,2-Dichloropropane	6.791	63	1764	1.014	ug/l	93
46) Dibromomethane	6.907	93	1205	0.973	ug/l #	87
47) Bromodichloromethane	7.094	83	2778	1.079	ug/l #	78
48) Methyl methacrylate	6.978	41	1717	0.862	ug/l	91
49) 1,4-Dioxane	6.981	88	587	13.423	ug/l #	92
51) 4-Methyl-2-Pentanone	7.791	43	14129	4.527	ug/l	97
52) Toluene	7.965	92	4877	1.191	ug/l	91
53) t-1,3-Dichloropropene	8.209	75	1873	0.831	ug/l #	74
54) cis-1,3-Dichloropropene	7.605	75	2377	0.943	ug/l #	79
55) 1,1,2-Trichloroethane	8.396	97	1910	1.098	ug/l #	86
56) Ethyl methacrylate	8.338	69	3031	1.081	ug/l	90
57) 1,3-Dichloropropane	8.570	76	3049	1.064	ug/l	96
59) 2-Hexanone	8.695	43	10343	4.382	ug/l	100
60) Dibromochloromethane	8.801	129	1842	0.946	ug/l	100
61) 1,2-Dibromoethane	8.923	107	1888	1.106	ug/l	99
64) Tetrachloroethene	8.544	164	1939	1.170	ug/l	83
65) Chlorobenzene	9.444	112	5006	1.081	ug/l	91
66) 1,1,1,2-Tetrachloroethane	9.528	131	1544	0.972	ug/l #	64
67) Ethyl Benzene	9.566	91	8539	1.072	ug/l	92
68) m/p-Xylenes	9.692	106	6692	2.202	ug/l	91
69) o-Xylene	10.094	106	3395	1.099	ug/l	92
70) Styrene	10.116	104	4744	0.966	ug/l	95
71) Bromoform	10.286	173	1226	0.885	ug/l #	93
73) Isopropylbenzene	10.476	105	8513	1.085	ug/l	100
74) N-amyl acetate	10.332	43	2734	0.777	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	10.775	83	3114	1.078	ug/l	93
76) 1,2,3-Trichloropropane	10.817	75	3355	1.098	ug/l #	81
77) Bromobenzene	10.782	156	2204	1.146	ug/l	70
78) n-propylbenzene	10.901	91	9731	1.070	ug/l	98
79) 2-Chlorotoluene	10.984	91	5826	1.021	ug/l	92
80) 1,3,5-Trimethylbenzene	11.084	105	7410	1.080	ug/l	92
81) trans-1,4-Dichloro-2-b...	10.544	75	629	1.027	ug/l #	58
82) 4-Chlorotoluene	11.097	91	6428	0.992	ug/l	100
83) tert-Butylbenzene	11.409	119	7101	1.079	ug/l	95
84) 1,2,4-Trimethylbenzene	11.467	105	7315	1.086	ug/l	95
85) sec-Butylbenzene	11.637	105	9658	1.112	ug/l	96
86) p-Isopropyltoluene	11.785	119	7307	1.037	ug/l	92
87) 1,3-Dichlorobenzene	11.743	146	4138	1.117	ug/l	92
88) 1,4-Dichlorobenzene	11.743	146	4138	1.097	ug/l	92
89) n-Butylbenzene	12.209	91	6480	0.994	ug/l	98
90) Hexachloroethane	12.470	117	1183	1.004	ug/l	85
91) 1,2-Dichlorobenzene	12.212	146	3783	1.047	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	13.003	75	548	0.801	ug/l	87
93) 1,2,4-Trichlorobenzene	13.849	180	2120	0.916	ug/l	97
94) Hexachlorobutadiene	14.013	225	936	0.946	ug/l	99
95) Naphthalene	14.100	128	6939	0.916	ug/l	97
96) 1,2,3-Trichlorobenzene	14.331	180	2279	1.002	ug/l	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

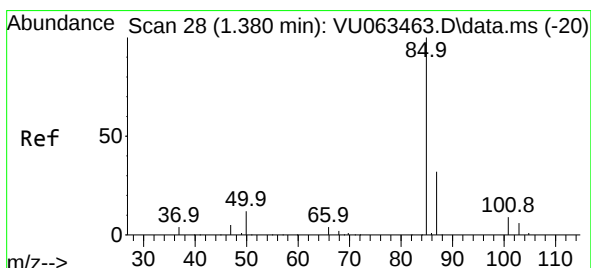
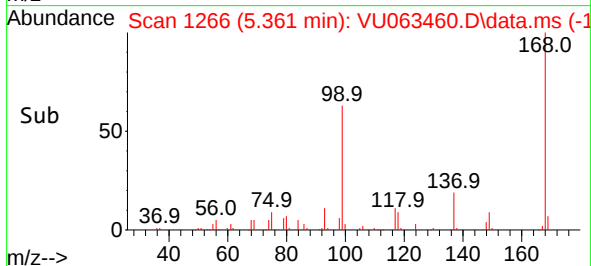
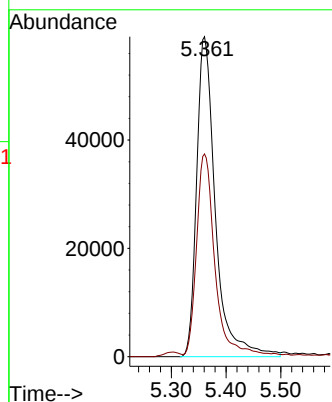
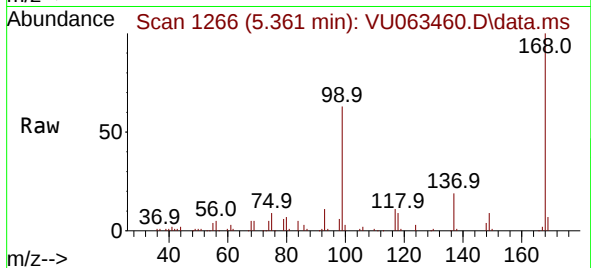
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

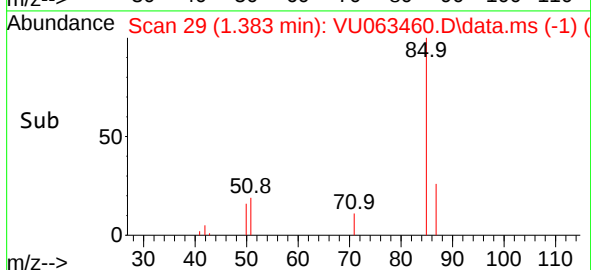
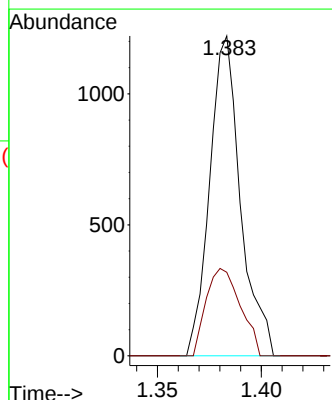
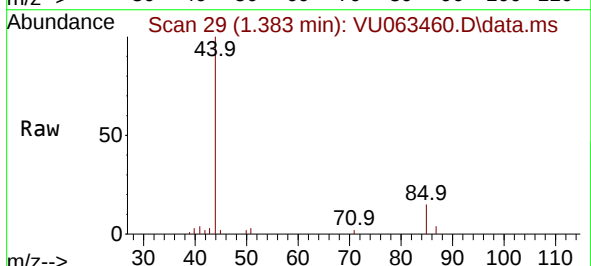
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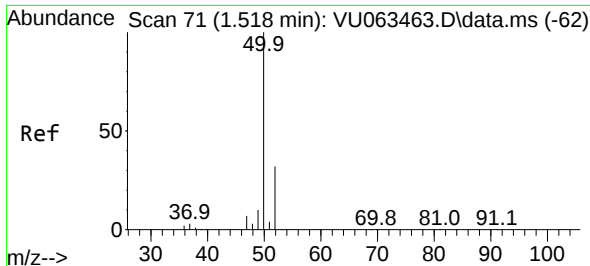
Tgt Ion:168 Resp: 140612
Ion Ratio Lower Upper
168 100
99 62.7 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 1.126 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 85 Resp: 1259
Ion Ratio Lower Upper
85 100
87 26.1 16.1 48.2

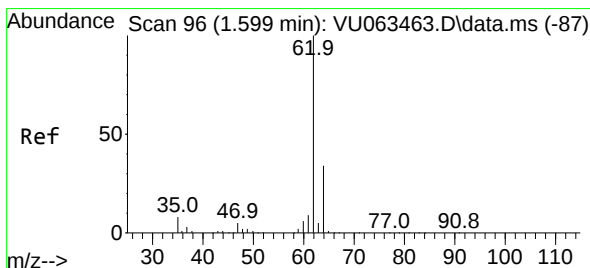
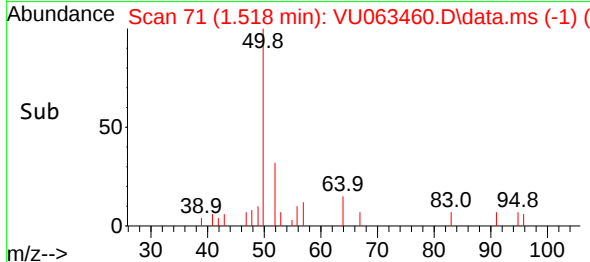
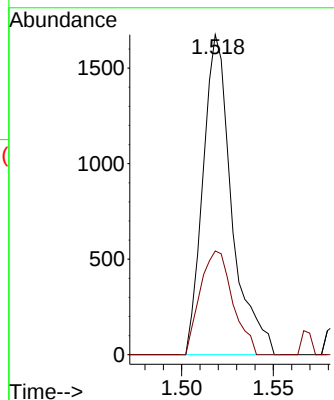
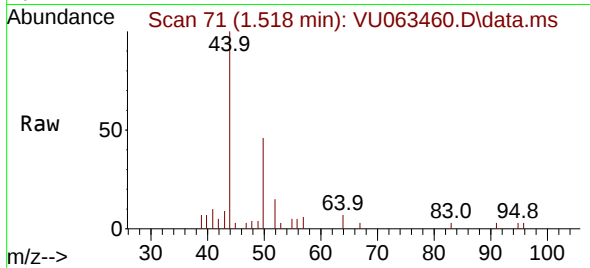




#3
Chloromethane
Concen: 0.872 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

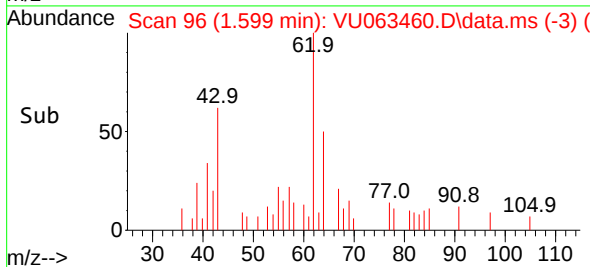
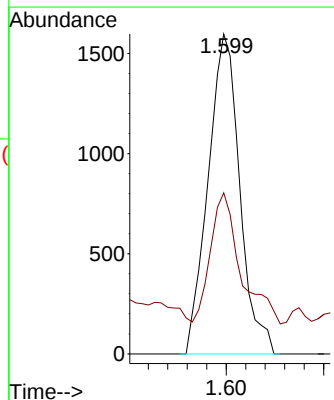
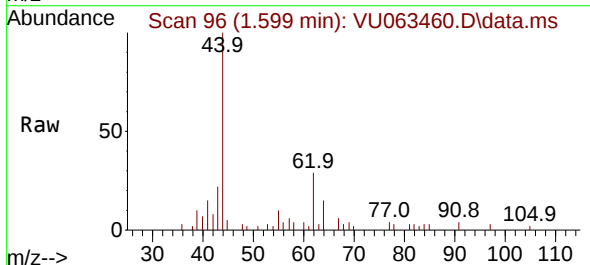
Instrument :
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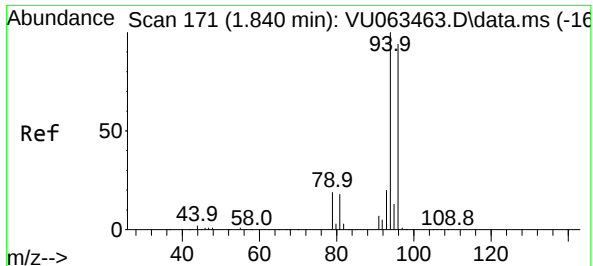
Tgt Ion: 50 Resp: 1828
Ion Ratio Lower Upper
50 100
52 32.4 25.8 38.8



#4
Vinyl Chloride
Concen: 1.189 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 62 Resp: 1796
Ion Ratio Lower Upper
62 100
64 41.0 26.9 40.3

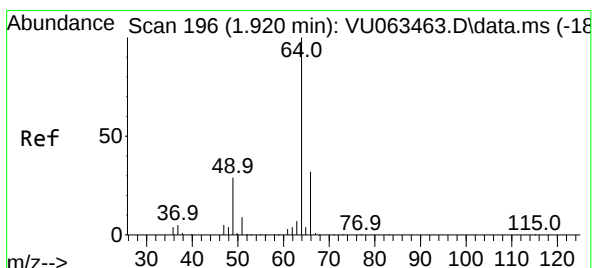
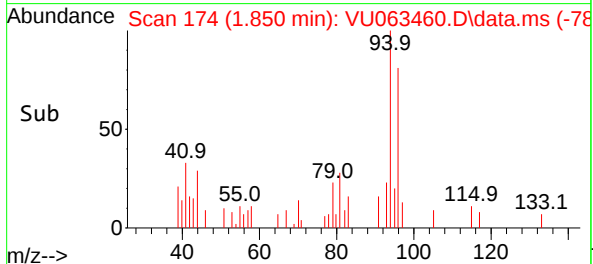
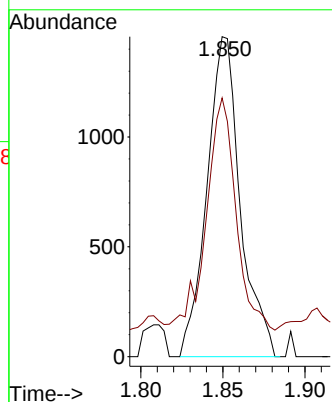
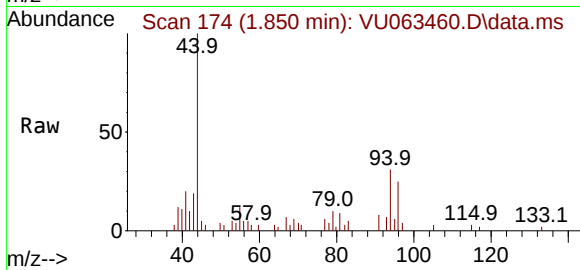




#5
Bromomethane
Concen: 1.944 ug/l
RT: 1.850 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

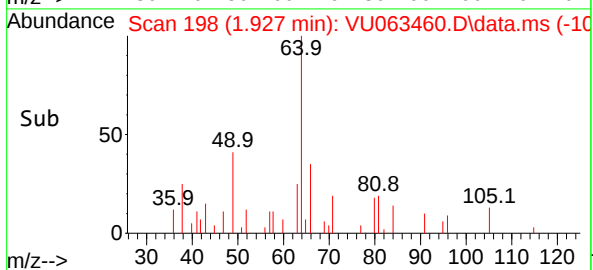
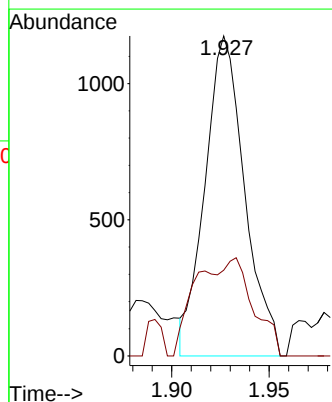
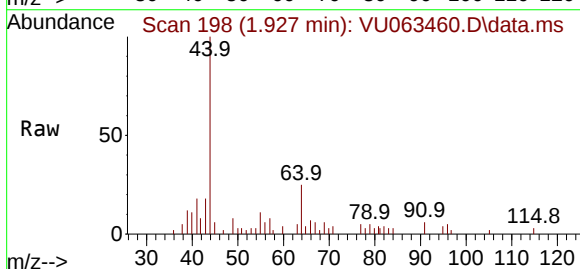
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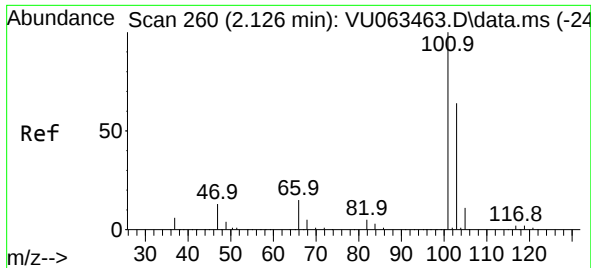
Tgt Ion: 94 Resp: 2057
Ion Ratio Lower Upper
94 100
96 71.4 75.5 113.3#



#6
Chloroethane
Concen: 1.521 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.007 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 64 Resp: 1664
Ion Ratio Lower Upper
64 100
66 26.8 25.3 37.9

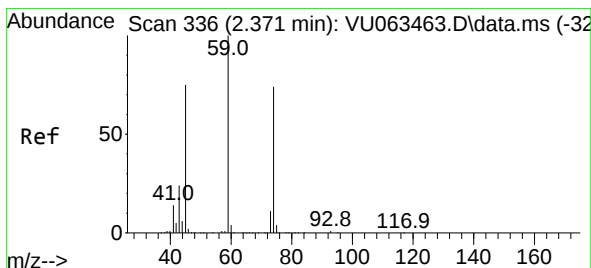
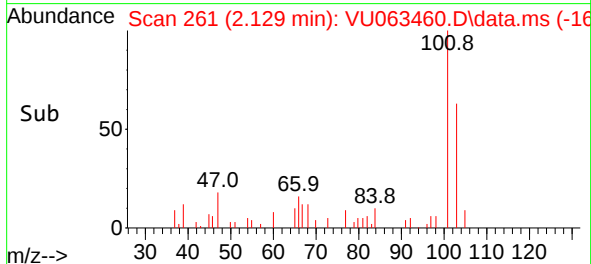
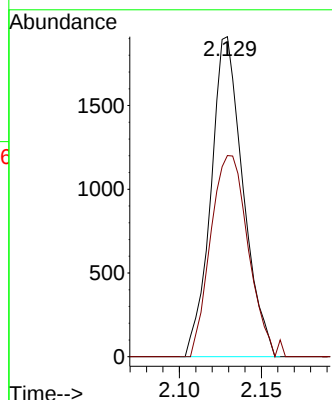
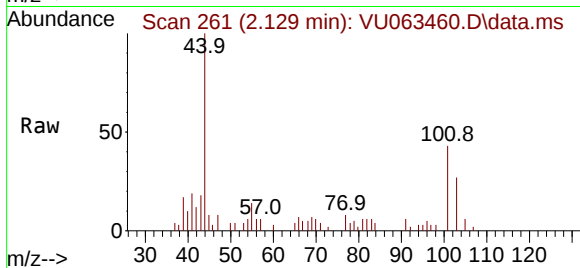




#7
 Trichlorofluoromethane
 Concen: 1.070 ug/l
 RT: 2.129 min Scan# 260
 Delta R.T. 0.003 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

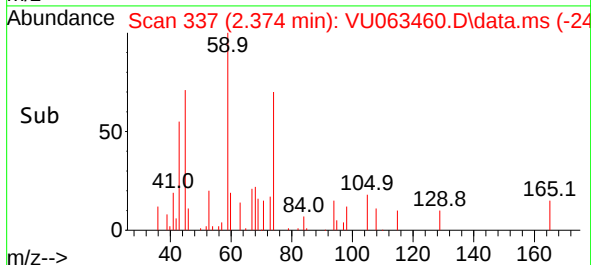
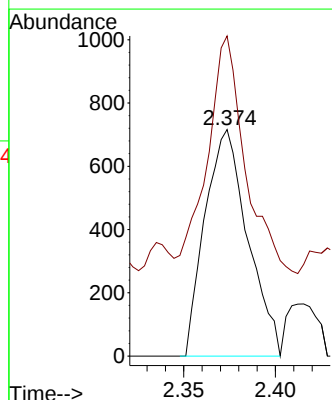
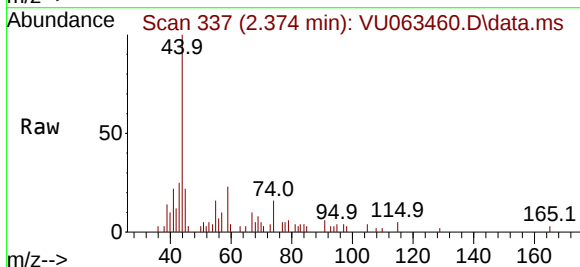
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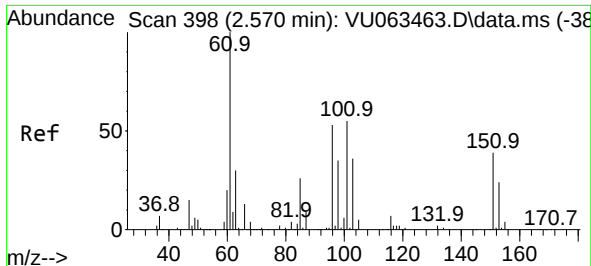
Tgt Ion:101 Resp: 2607
 Ion Ratio Lower Upper
 101 100
 103 62.8 51.1 76.7



#8
 Diethyl Ether
 Concen: 1.141 ug/l
 RT: 2.374 min Scan# 337
 Delta R.T. 0.003 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion: 74 Resp: 1159
 Ion Ratio Lower Upper
 74 100
 45 92.9 49.7 149.1

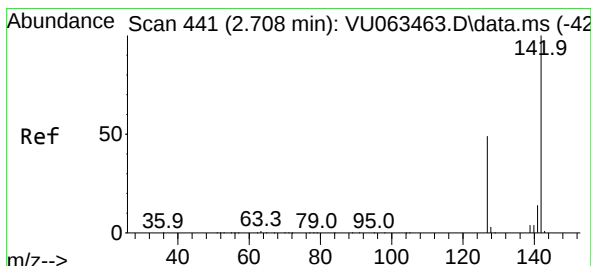
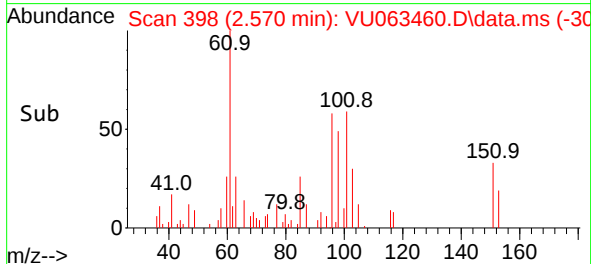
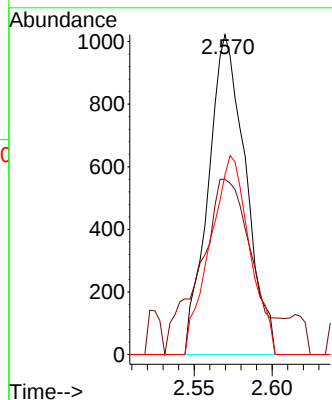
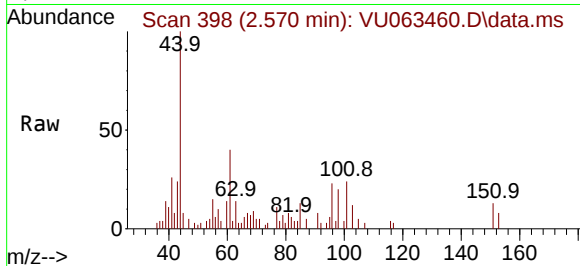




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.180 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

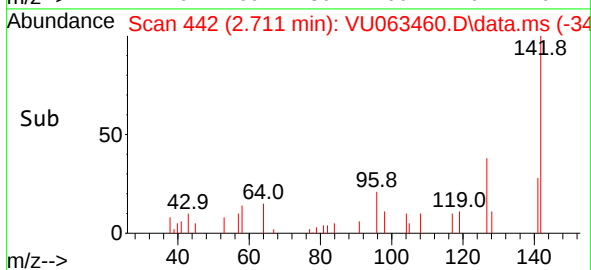
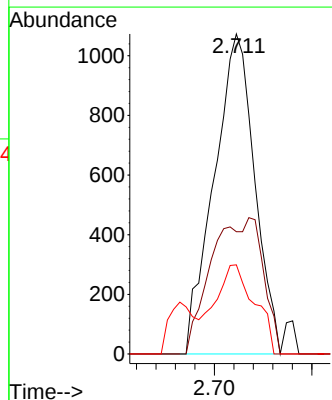
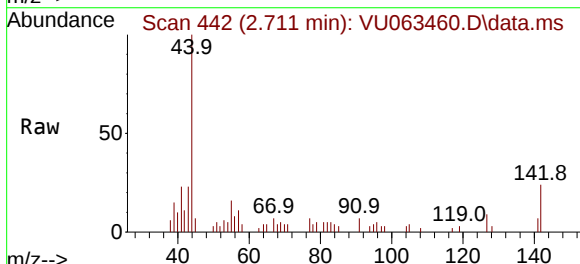
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ClientSampleId :
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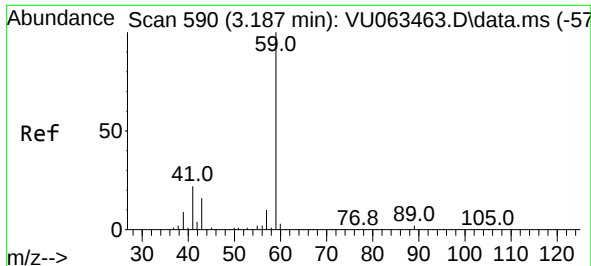
Tgt Ion:101 Resp: 1700
Ion Ratio Lower Upper
101 100
85 78.4 39.6 59.4#
151 66.1 57.2 85.8



#10
Methyl Iodide
Concen: 1.032 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:142 Resp: 1553
Ion Ratio Lower Upper
142 100
127 30.3 38.2 57.4#
141 27.2 11.1 16.7#

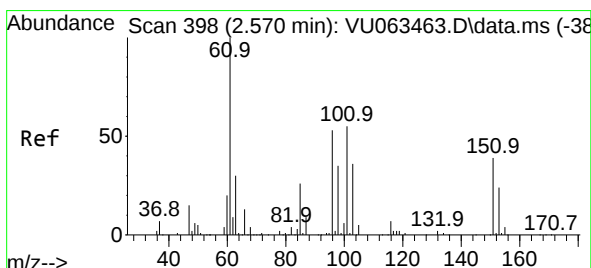
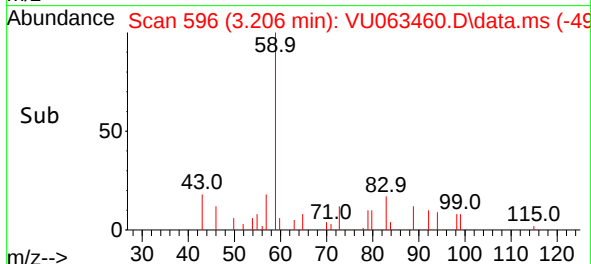
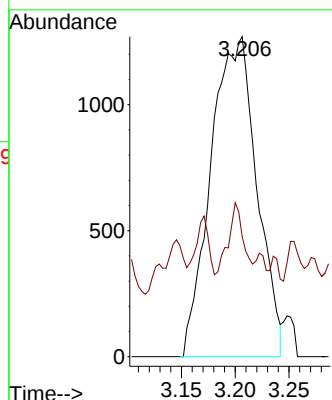
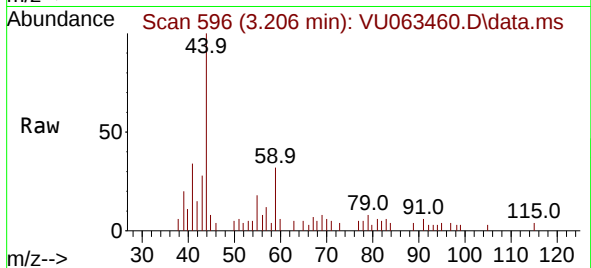




#11
Tert butyl alcohol
Concen: 6.279 ug/l
RT: 3.206 min Scan# 596
Delta R.T. 0.019 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

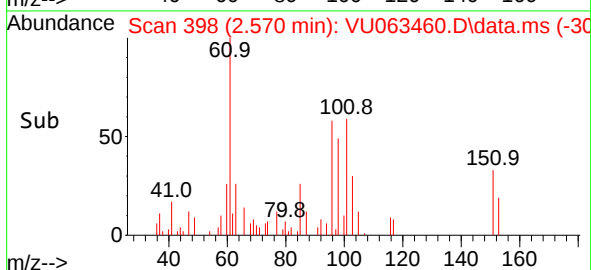
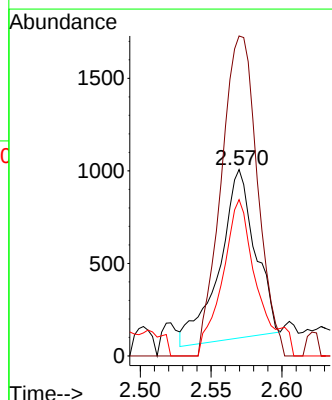
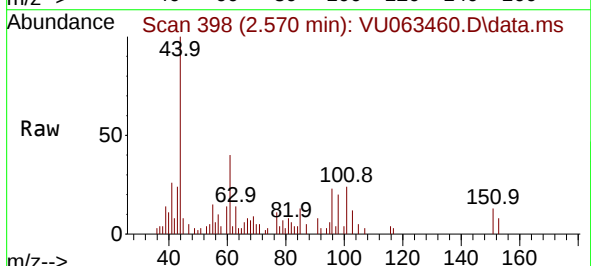
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

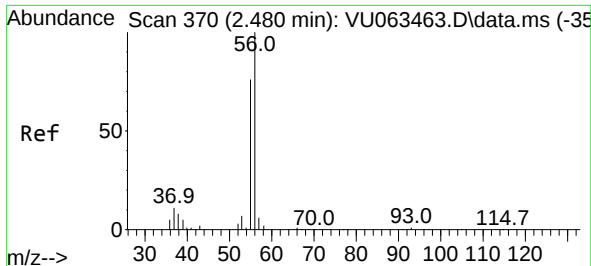
Tgt Ion: 59 Resp: 3777
Ion Ratio Lower Upper
59 100
57 7.1 8.8 13.2#



#12
1,1-Dichloroethene
Concen: 1.172 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 96 Resp: 1589
Ion Ratio Lower Upper
96 100
61 197.1 149.6 224.4
98 96.4 52.0 78.0#





#13

Acrolein

Concen: 9.964 ug/l

RT: 2.483 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

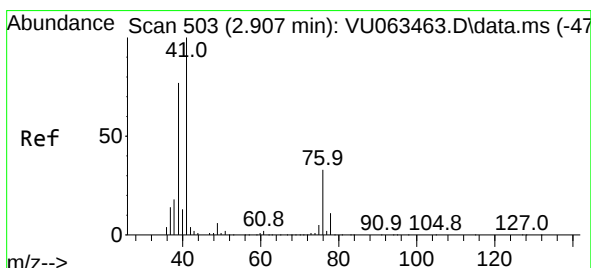
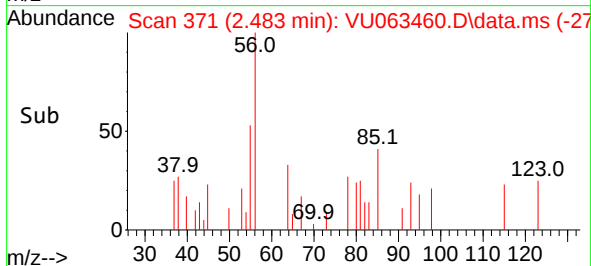
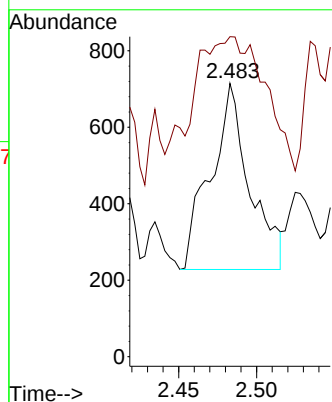
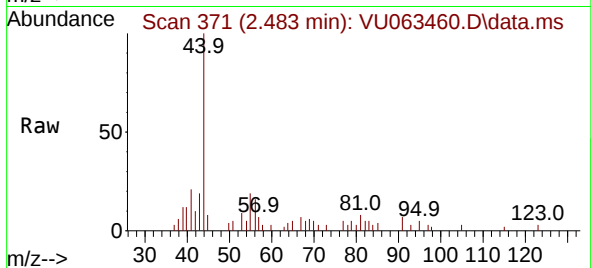
VSTDIC001

Tgt Ion: 56 Resp: 846

Ion Ratio Lower Upper

56 100

55 129.4 60.2 90.2#



#14

Allyl chloride

Concen: 0.629 ug/l

RT: 2.904 min Scan# 502

Delta R.T. -0.003 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

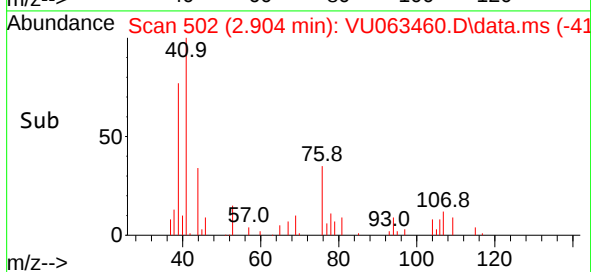
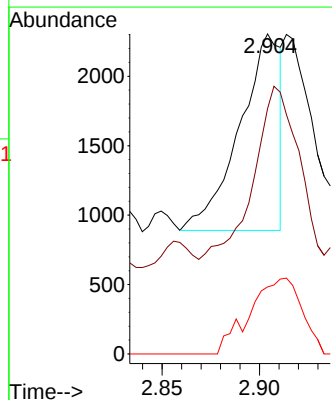
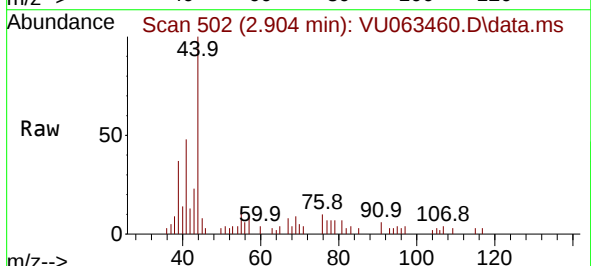
Tgt Ion: 41 Resp: 2061

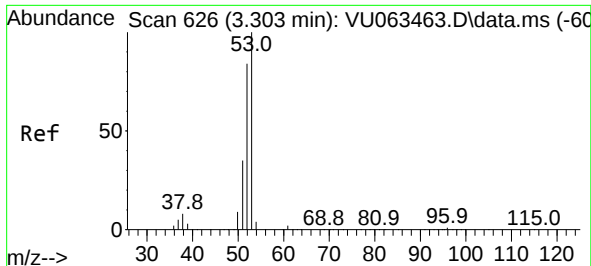
Ion Ratio Lower Upper

41 100

39 95.0 53.9 80.9#

76 49.2 23.1 34.7#

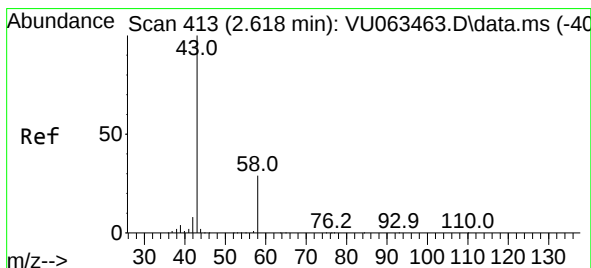
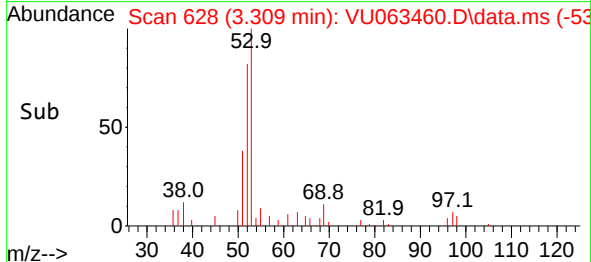
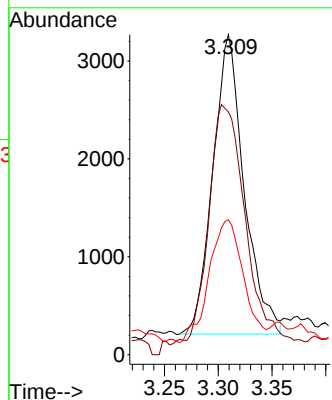
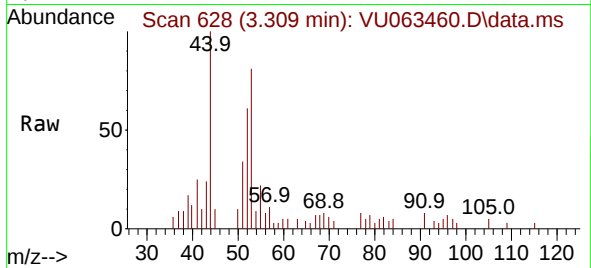




#15
Acrylonitrile
Concen: 4.801 ug/l
RT: 3.309 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

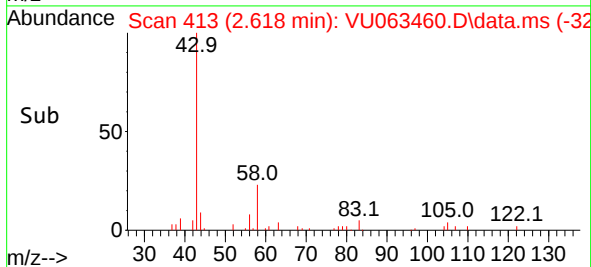
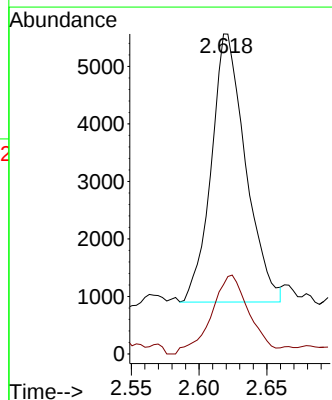
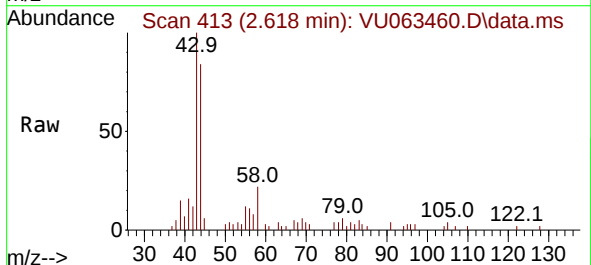
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

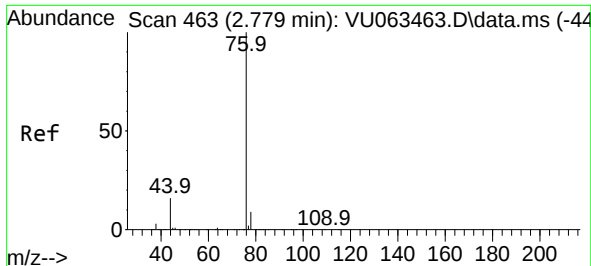
Tgt Ion: 53 Resp: 6186
Ion Ratio Lower Upper
53 100
52 92.8 65.0 97.4
51 45.2 28.8 43.2#



#16
Acetone
Concen: 5.448 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 43 Resp: 8199
Ion Ratio Lower Upper
43 100
58 23.7 23.1 34.7

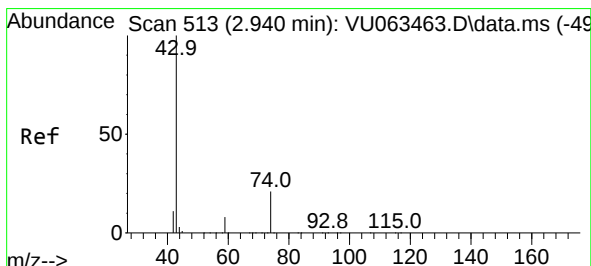
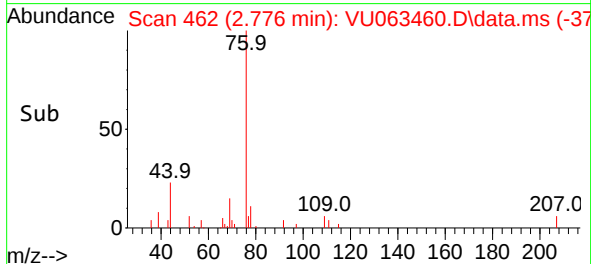
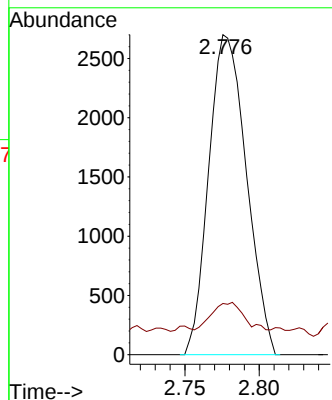
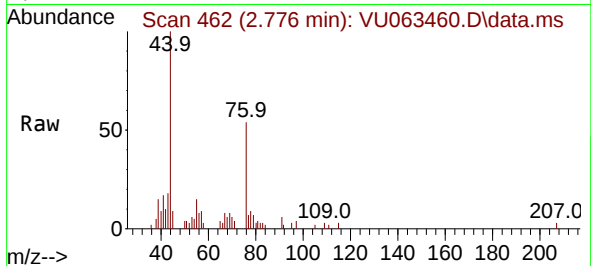




#17
Carbon Disulfide
Concen: 0.766 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

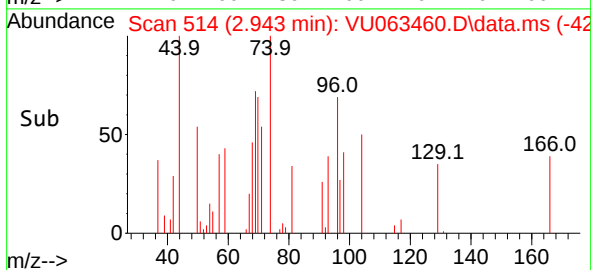
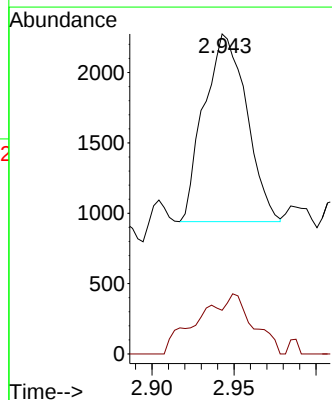
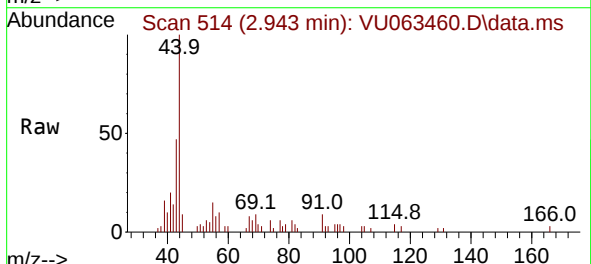
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

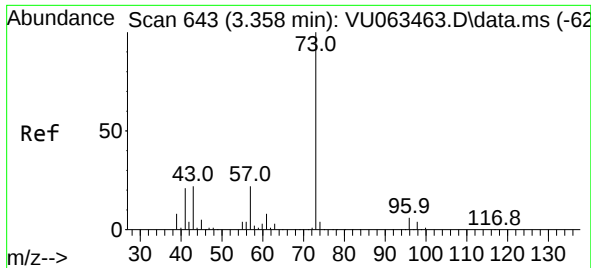
Tgt Ion: 76 Resp: 4762
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#18
Methyl Acetate
Concen: 0.611 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 43 Resp: 2408
Ion Ratio Lower Upper
43 100
74 20.2 17.3 25.9

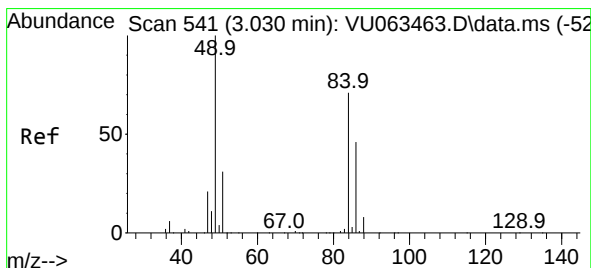
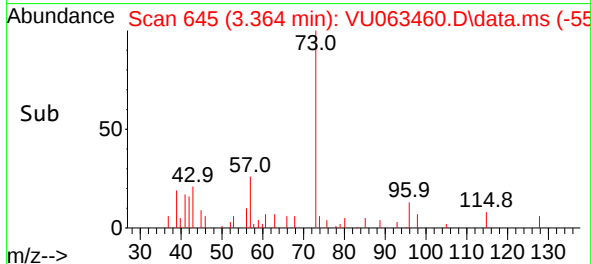
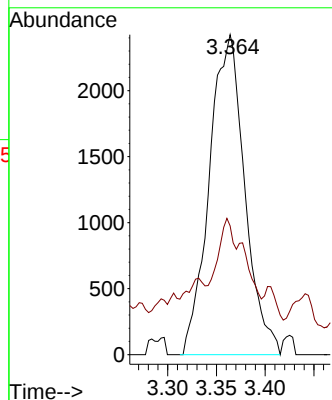
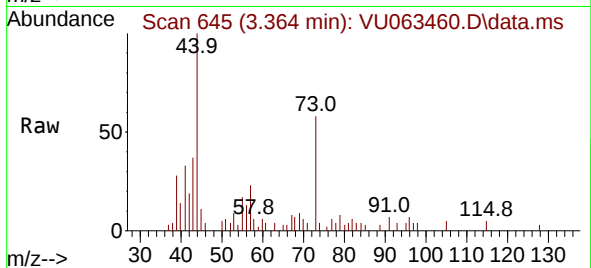




#19
Methyl tert-butyl Ether
Concen: 1.059 ug/l
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

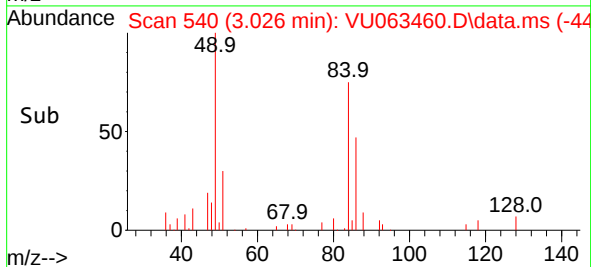
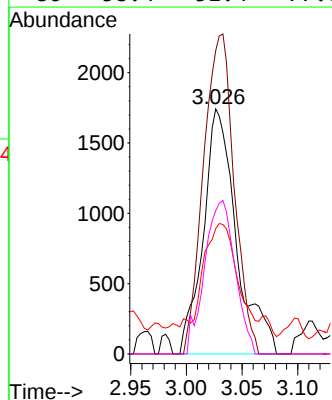
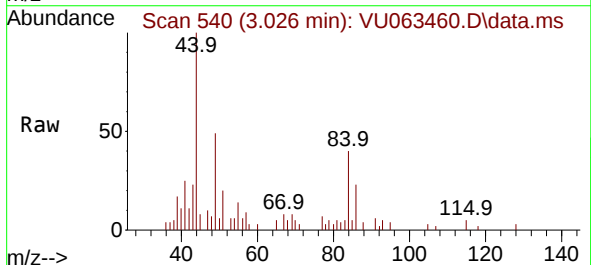
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

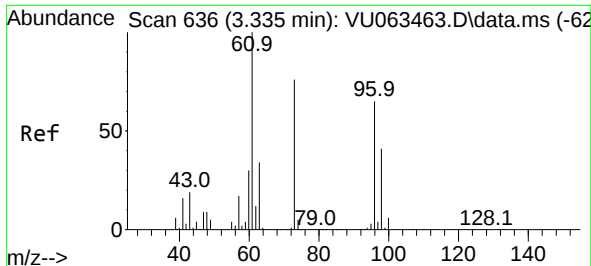
Tgt Ion: 73 Resp: 6126
Ion Ratio Lower Upper
73 100
57 27.9 17.8 26.6#



#20
Methylene Chloride
Concen: 1.645 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 84 Resp: 3610
Ion Ratio Lower Upper
84 100
49 123.8 112.1 168.1
51 43.0 34.4 51.6
86 58.4 51.4 77.0

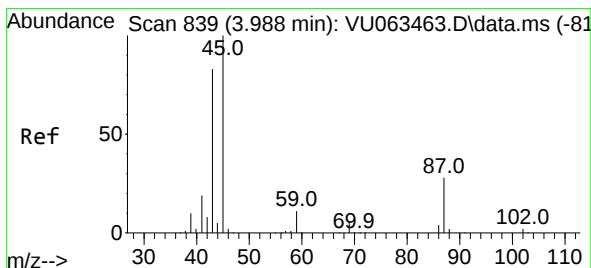
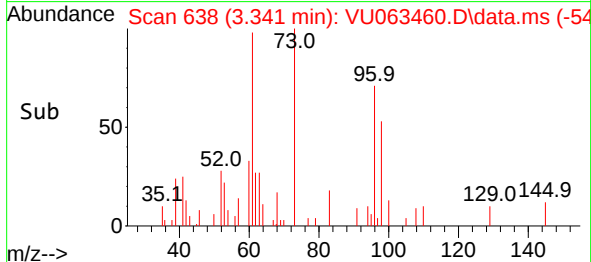
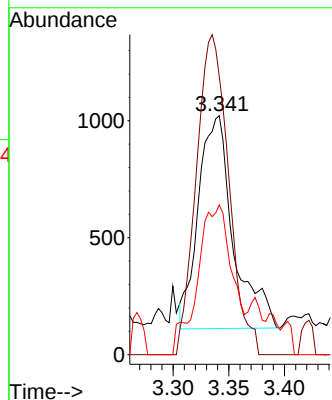
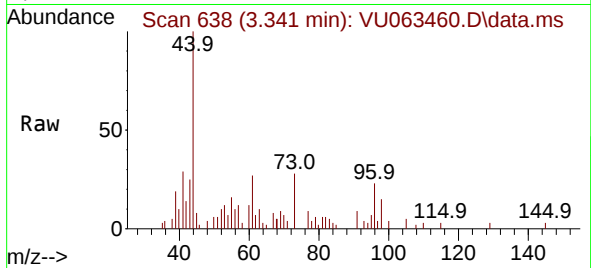




#21
trans-1,2-Dichloroethene
Concen: 0.783 ug/l
RT: 3.341 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

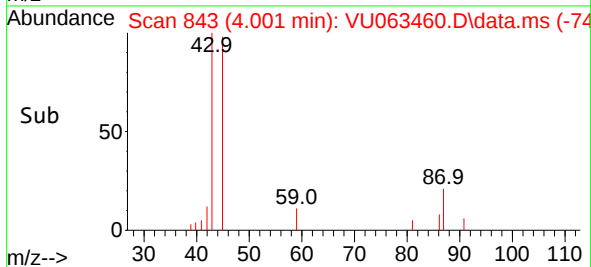
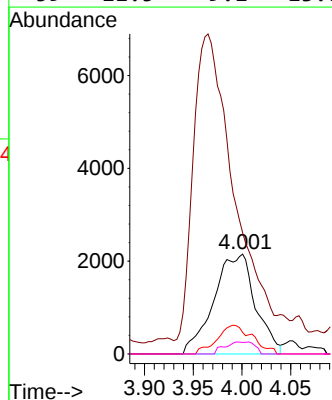
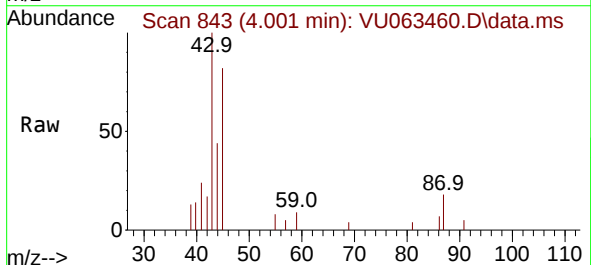
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

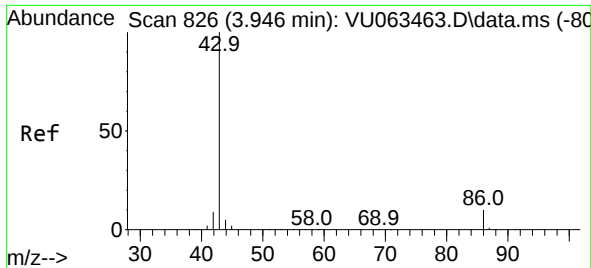
Tgt Ion: 96 Resp: 1993
Ion Ratio Lower Upper
96 100
61 131.2 122.2 183.4
98 58.9 49.9 74.9



#22
Diisopropyl ether
Concen: 1.174 ug/l
RT: 4.001 min Scan# 843
Delta R.T. 0.013 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 45 Resp: 6384
Ion Ratio Lower Upper
45 100
43 99.9 66.5 99.7#
87 21.6 22.6 33.8#
59 11.5 9.1 13.7

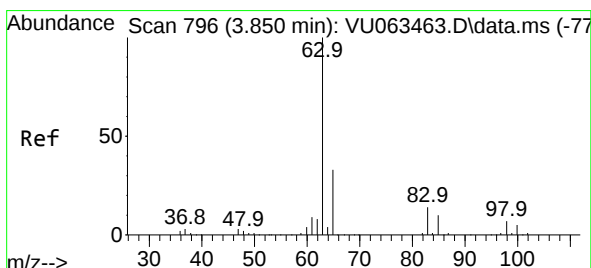
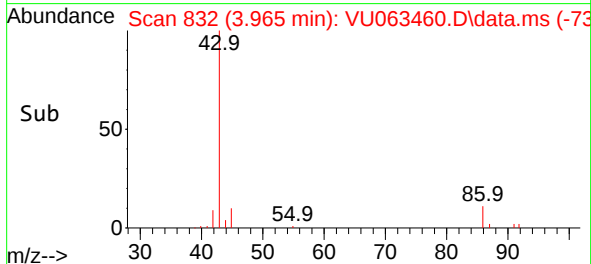
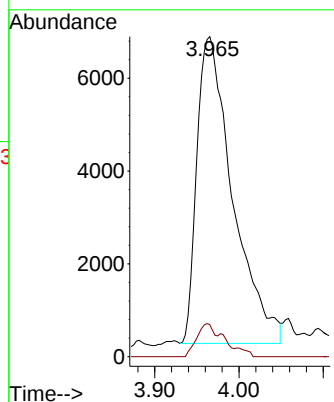
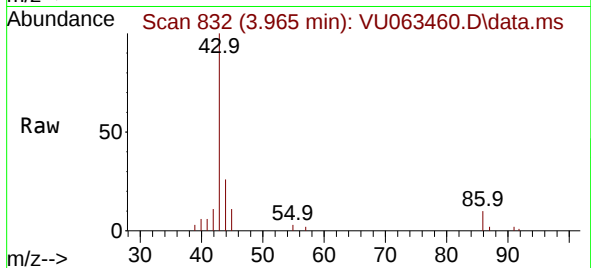




#23
 Vinyl Acetate
 Concen: 4.631 ug/l
 RT: 3.965 min Scan# 81
 Delta R.T. 0.019 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

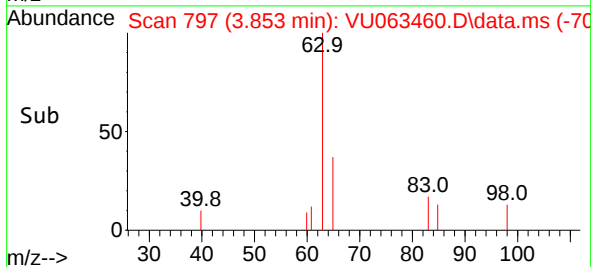
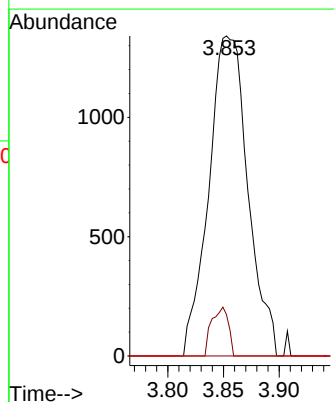
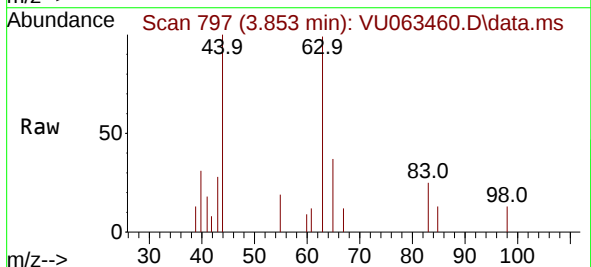
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

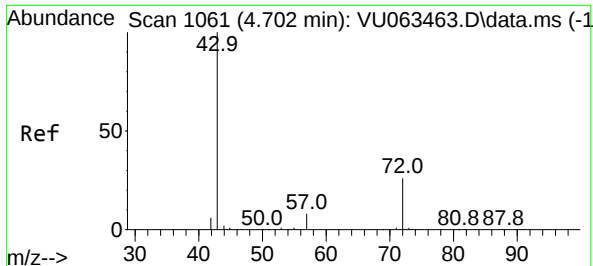
Tgt Ion: 43 Resp: 19540
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 1.063 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion: 63 Resp: 3279
 Ion Ratio Lower Upper
 63 100
 98 13.0 3.6 10.9#
 100 0.0 2.3 6.8#

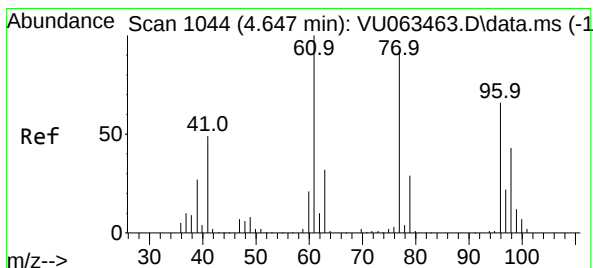
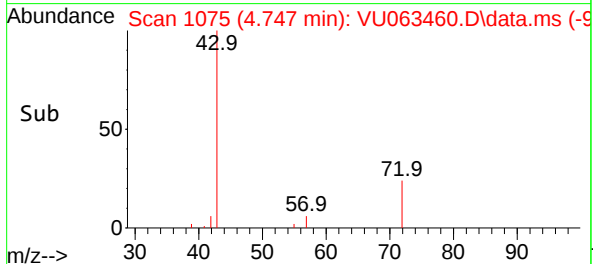
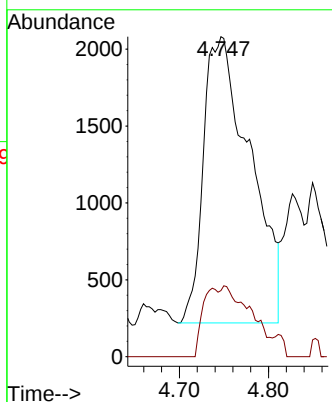
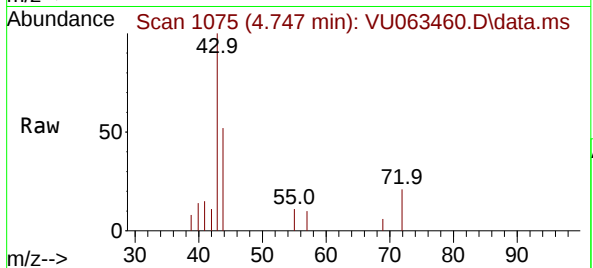




#25
2-Butanone
Concen: 3.998 ug/l
RT: 4.747 min Scan# 1075
Delta R.T. 0.045 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

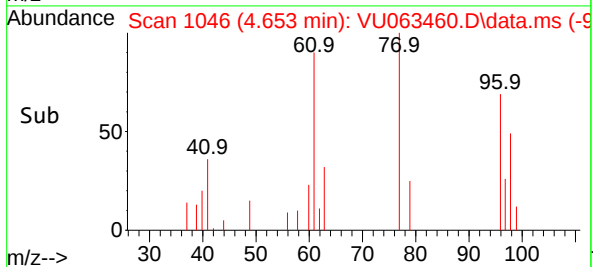
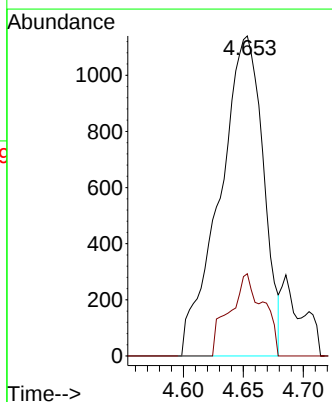
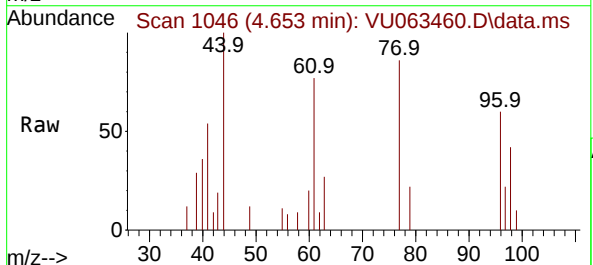
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

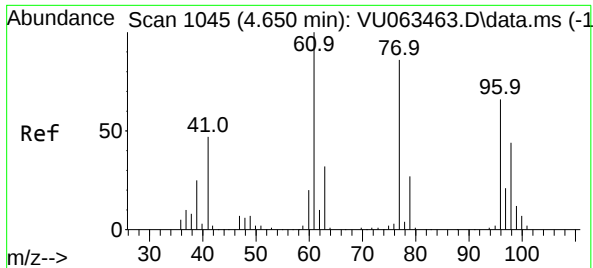
Tgt Ion: 43 Resp: 6754
Ion Ratio Lower Upper
43 100
72 23.1 20.7 31.1



#26
2,2-Dichloropropane
Concen: 1.051 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 77 Resp: 2880
Ion Ratio Lower Upper
77 100
97 19.9 11.8 35.3

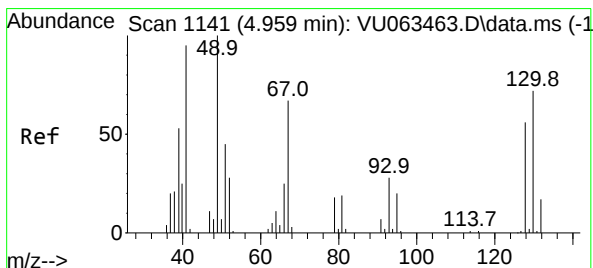
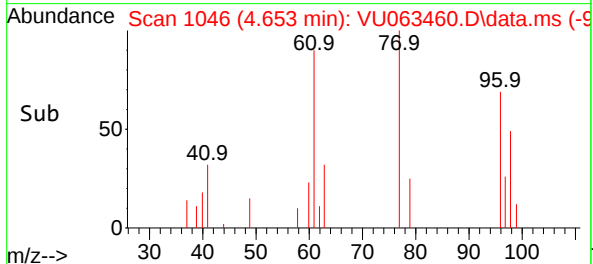
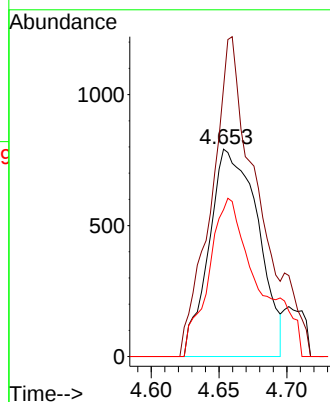
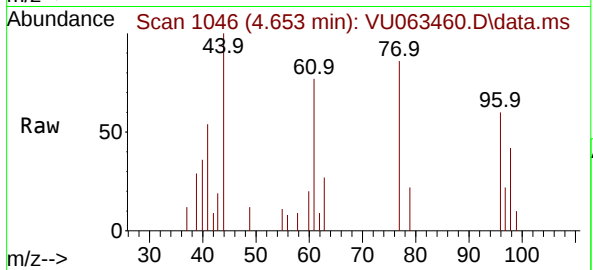




#27
 cis-1,2-Dichloroethene
 Concen: 1.045 ug/l
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

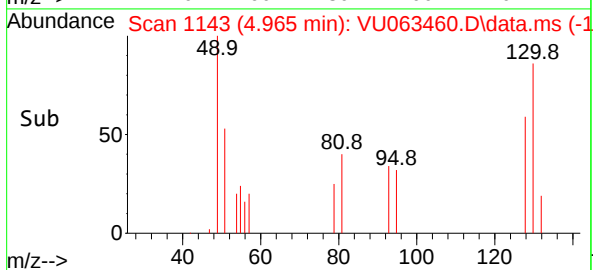
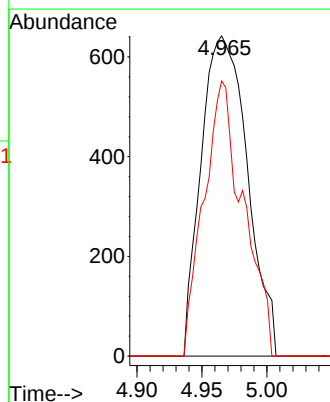
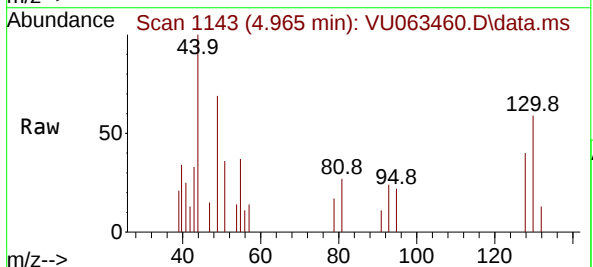
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

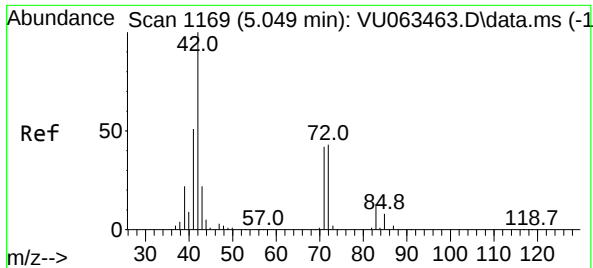
Tgt Ion:	96	Resp:	1988
Ion	Ratio	Lower	Upper
96	100		
61	136.1	0.0	307.2
98	77.8	0.0	133.0



#28
 Bromochloromethane
 Concen: 1.101 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion:	49	Resp:	1596
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	73.3	59.0	88.4

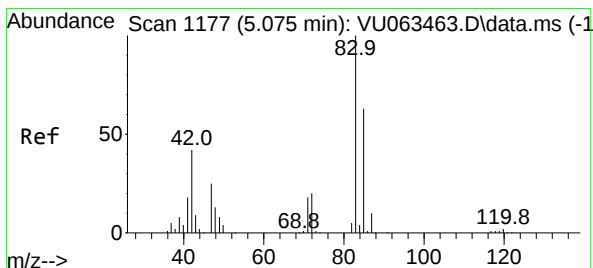
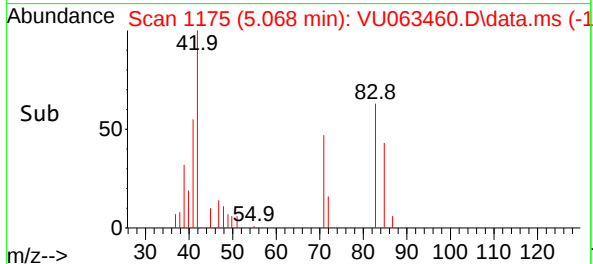
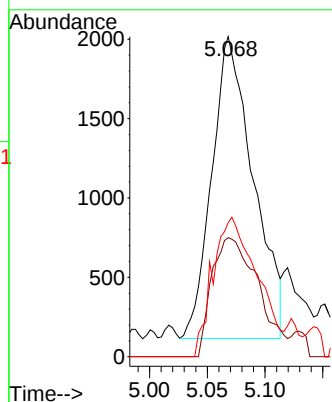
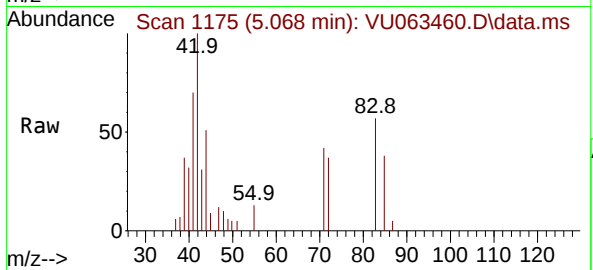




#29
Tetrahydrofuran
Concen: 4.246 ug/l
RT: 5.068 min Scan# 1175
Delta R.T. 0.019 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

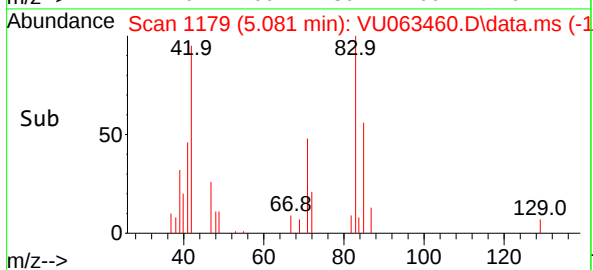
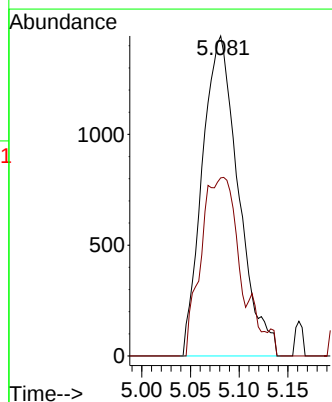
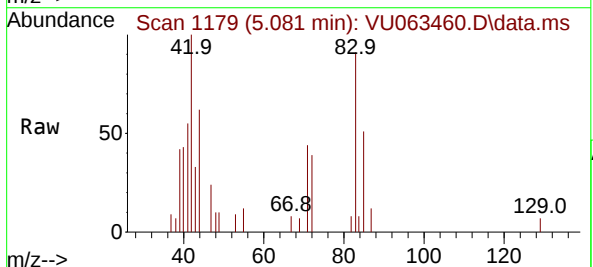
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

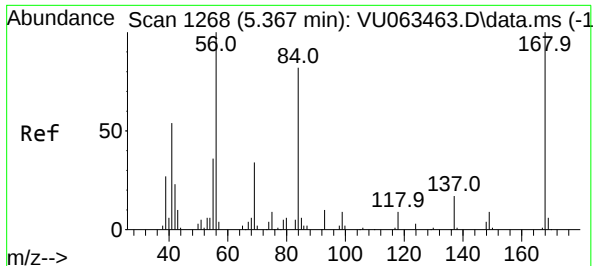
Tgt Ion:	42	Resp:	4753
Ion	Ratio	Lower	Upper
42	100		
72	44.2	36.2	54.4
71	49.6	33.3	49.9



#30
Chloroform
Concen: 1.141 ug/l
RT: 5.081 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:	83	Resp:	3717
Ion	Ratio	Lower	Upper
83	100		
85	55.7	50.7	76.1

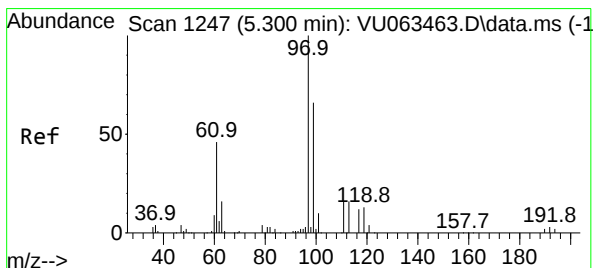
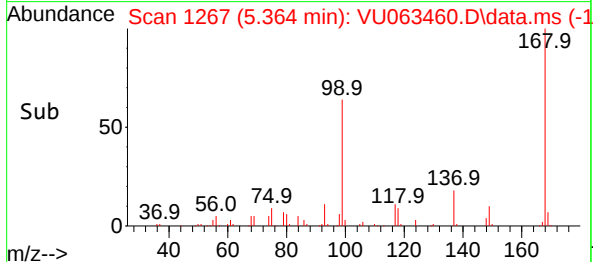
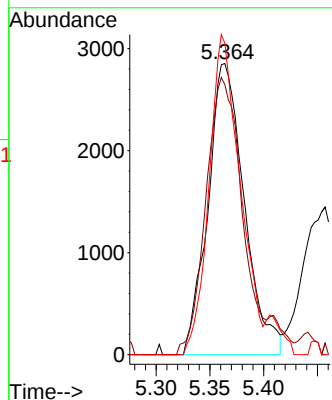
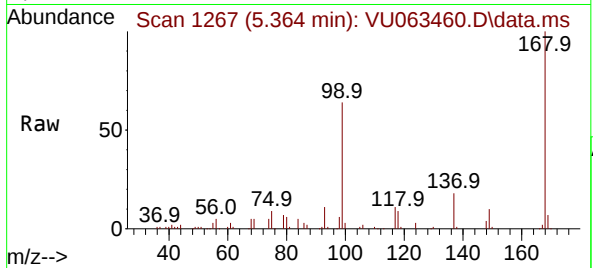




#31
Cyclohexane
Concen: 2.697 ug/l
RT: 5.364 min Scan# 1267
Delta R.T. -0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

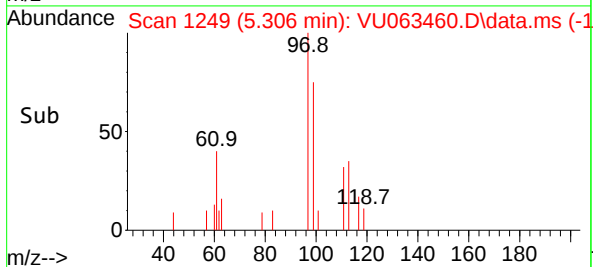
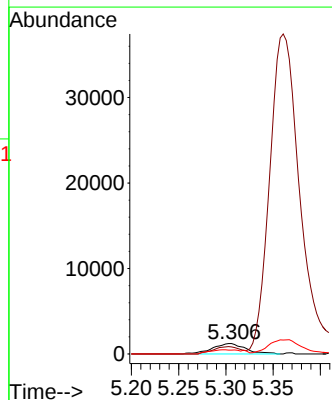
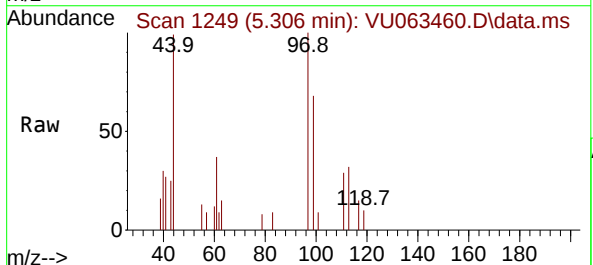
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

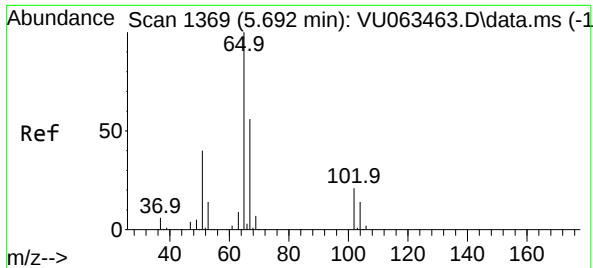
Tgt Ion: 56 Resp: 6700
Ion Ratio Lower Upper
56 100
69 89.2 27.0 40.4#
84 107.0 65.7 98.5#



#32
1,1,1-Trichloroethane
Concen: 1.081 ug/l
RT: 5.306 min Scan# 1249
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 97 Resp: 2999
Ion Ratio Lower Upper
97 100
99 0.0 50.4 75.6#
61 39.8 36.3 54.5

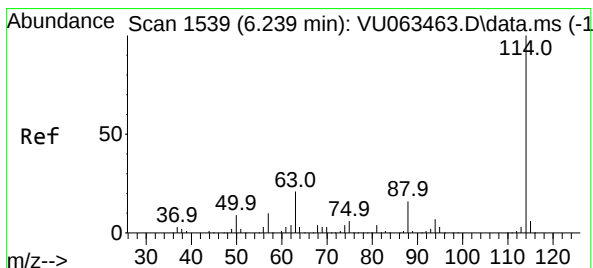
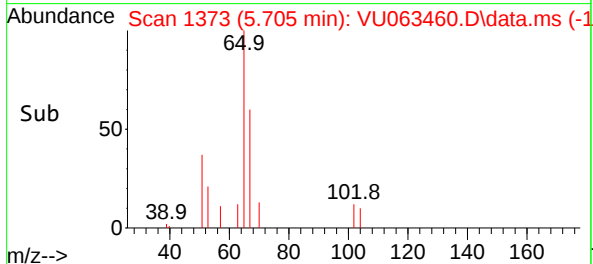
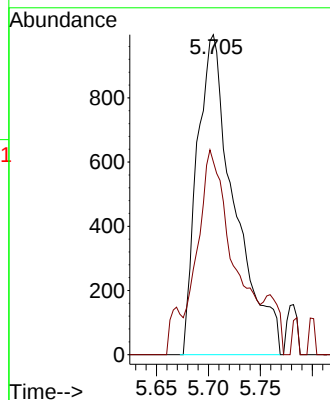
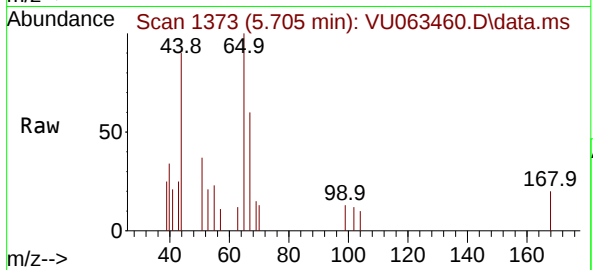




#33
 1,2-Dichloroethane-d4
 Concen: 1.380 ug/l
 RT: 5.705 min Scan# 11
 Delta R.T. 0.013 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

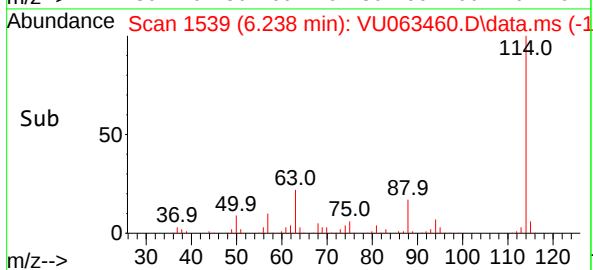
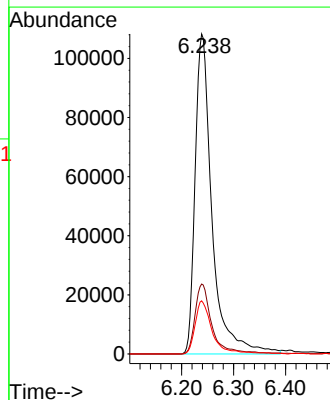
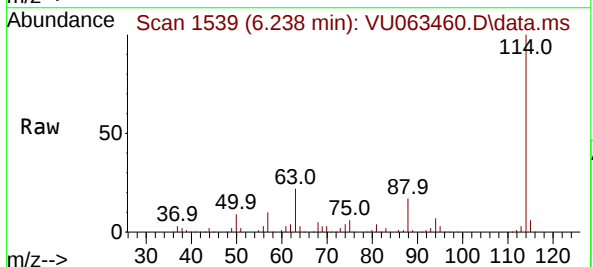
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

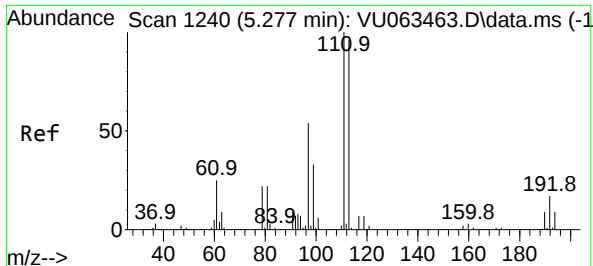
Tgt Ion: 65 Resp: 2475
 Ion Ratio Lower Upper
 65 100
 67 47.6 0.0 107.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.238 min Scan# 1539
 Delta R.T. -0.000 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion: 114 Resp: 244719
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 41.6
 88 16.6 0.0 32.0

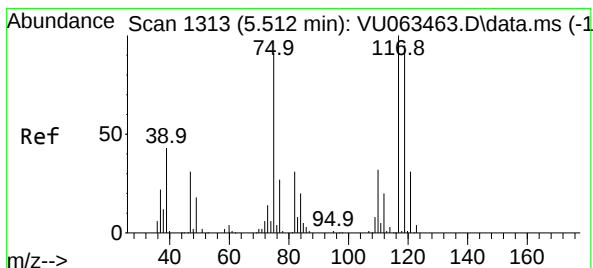
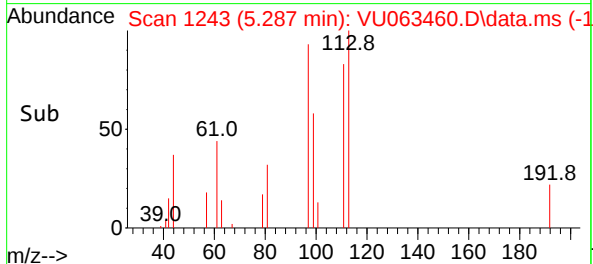
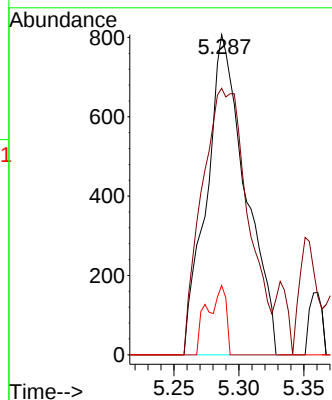
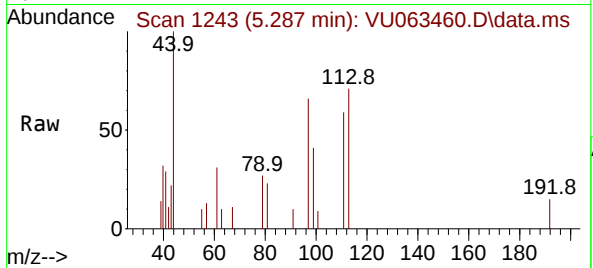




#35
Dibromofluoromethane
Concen: 1.144 ug/l
RT: 5.287 min Scan# 111
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

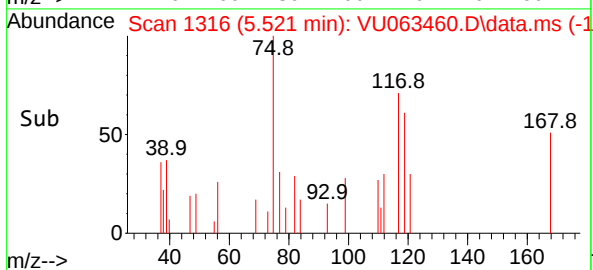
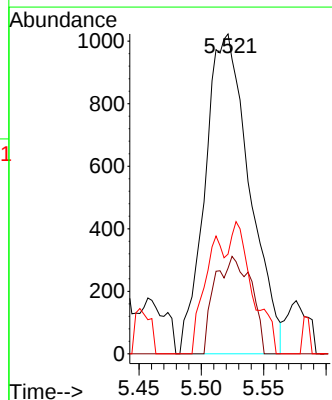
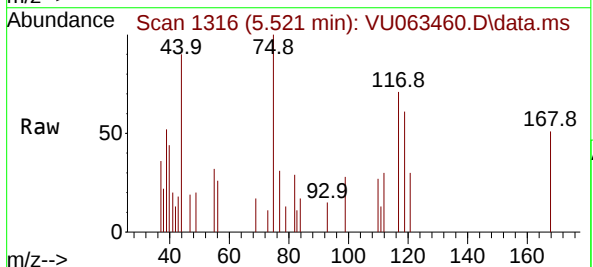
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

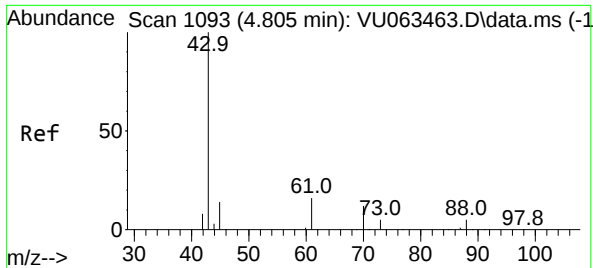
Tgt Ion:113 Resp: 1687
Ion Ratio Lower Upper
113 100
111 98.2 82.1 123.1
192 5.3 14.3 21.5#



#36
1,1-Dichloropropene
Concen: 1.264 ug/l
RT: 5.521 min Scan# 1316
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 75 Resp: 2534
Ion Ratio Lower Upper
75 100
110 24.9 17.3 52.0
77 20.1 23.9 35.9#

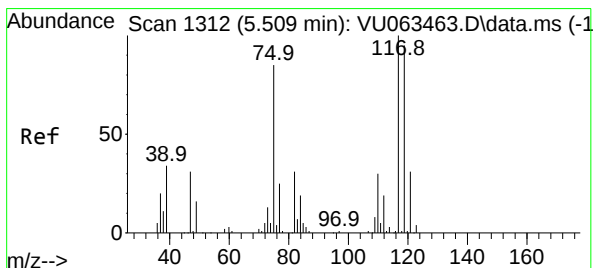
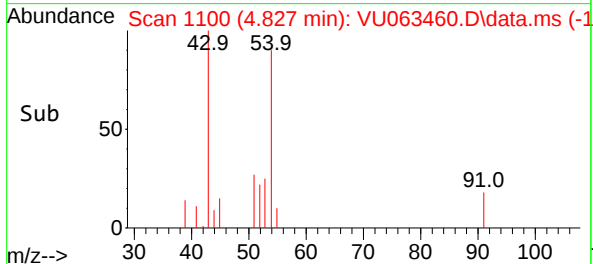
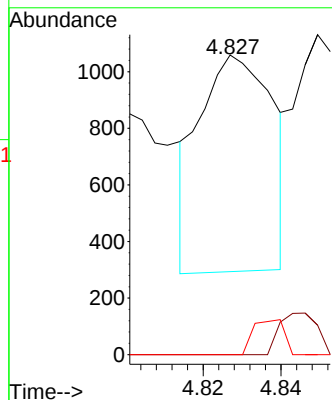
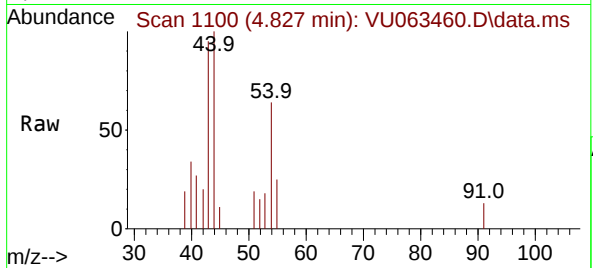




#37
Ethyl Acetate
Concen: 0.300 ug/l
RT: 4.827 min Scan# 1100
Delta R.T. 0.022 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

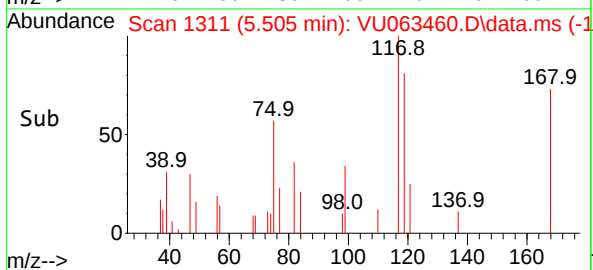
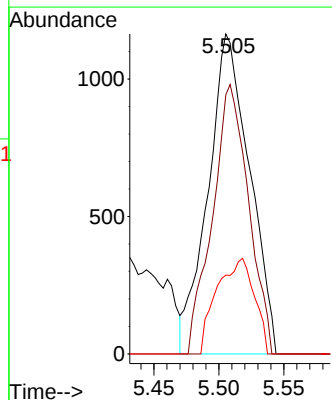
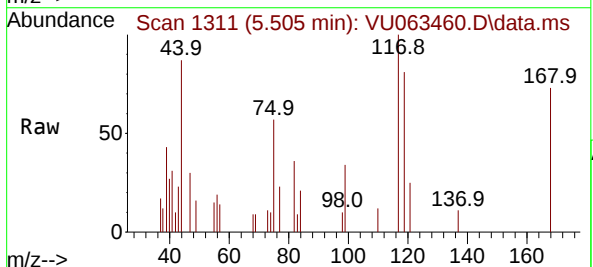
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

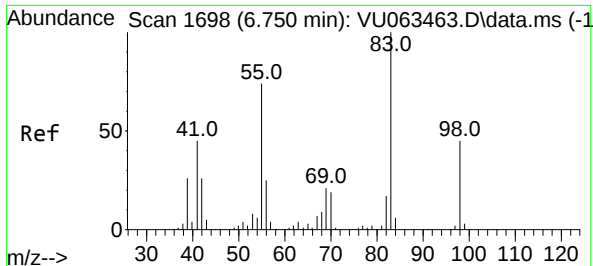
Tgt Ion: 43 Resp: 995
Ion Ratio Lower Upper
43 100
61 0.0 10.4 15.6#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 1.169 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 117 Resp: 2581
Ion Ratio Lower Upper
117 100
119 80.9 76.1 114.1
121 24.7 25.0 37.4#





#39

Methylcyclohexane

Concen: 1.208 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

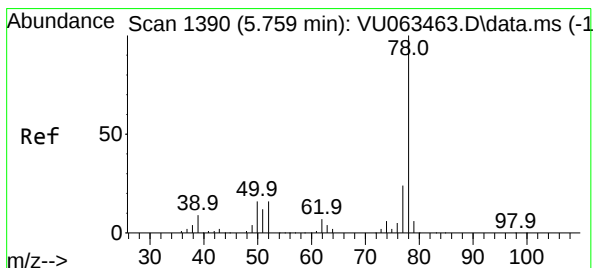
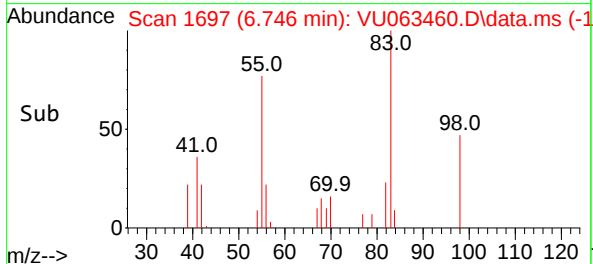
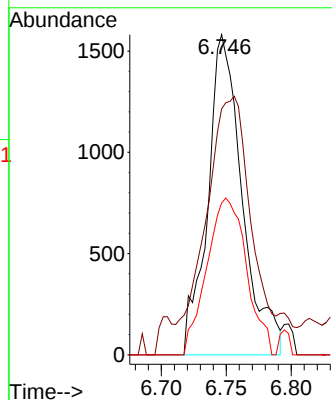
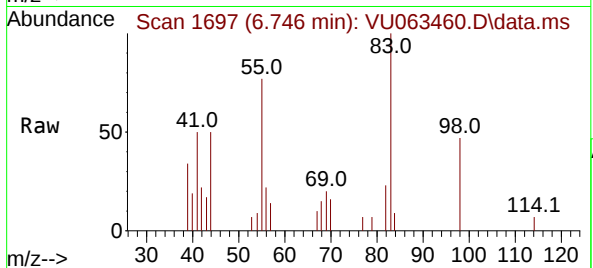
Tgt Ion: 83 Resp: 2926

Ion Ratio Lower Upper

83 100

55 65.8 59.4 89.2

98 47.4 36.2 54.4



#40

Benzene

Concen: 0.993 ug/l

RT: 5.769 min Scan# 1393

Delta R.T. 0.010 min

Lab File: VU063460.D

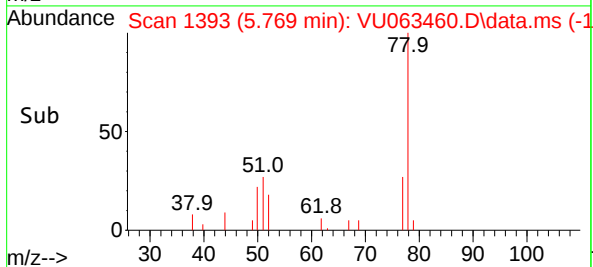
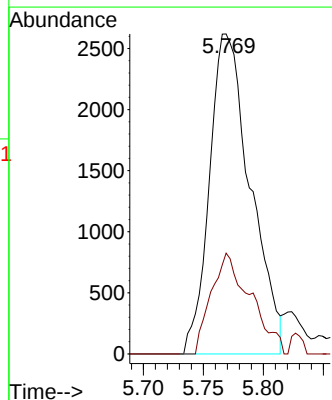
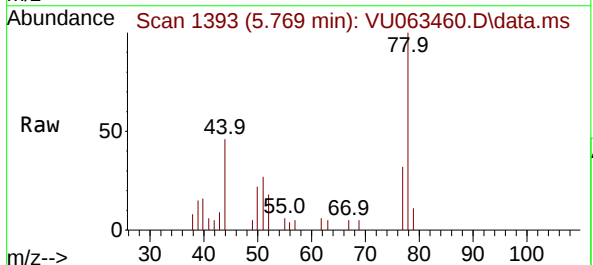
Acq: 08 Jul 2025 11:52

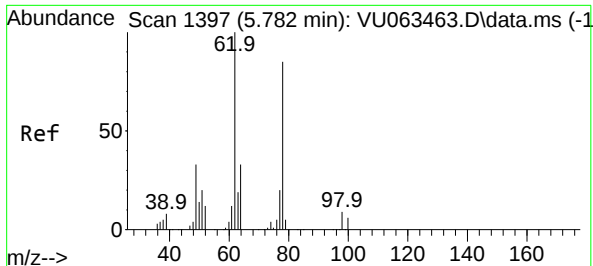
Tgt Ion: 78 Resp: 6219

Ion Ratio Lower Upper

78 100

77 31.5 19.0 28.4#

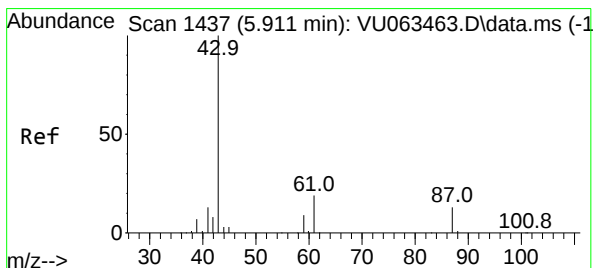
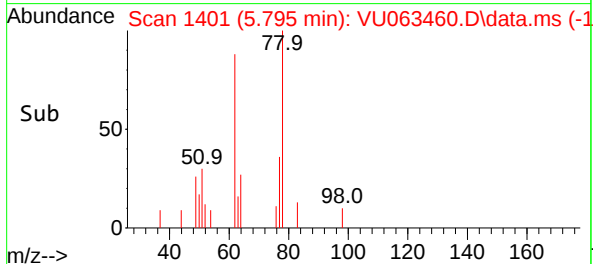
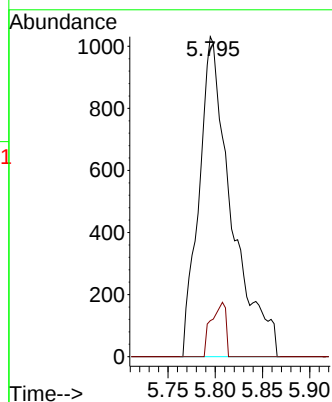
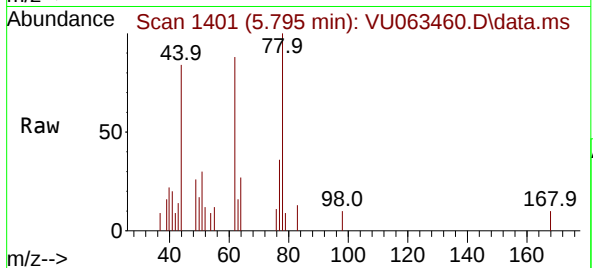




#42
1,2-Dichloroethane
Concen: 1.045 ug/l
RT: 5.795 min Scan# 1401
Delta R.T. 0.013 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

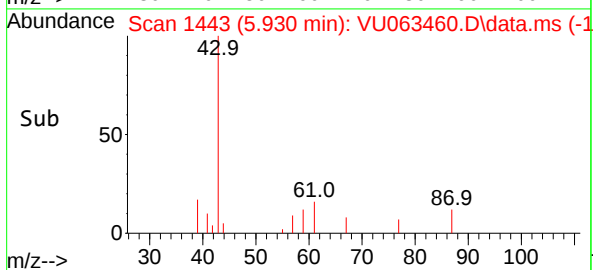
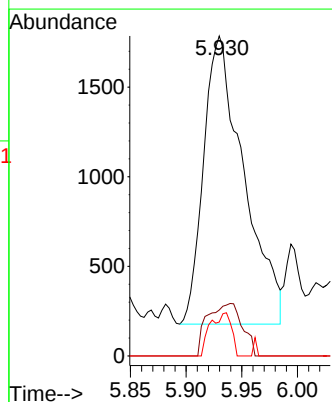
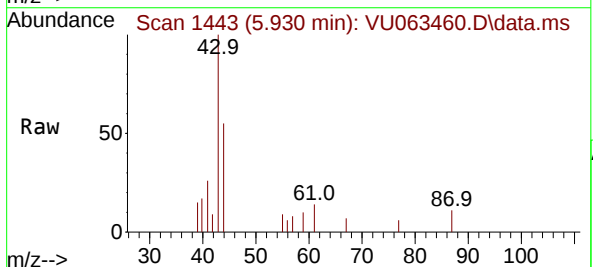
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

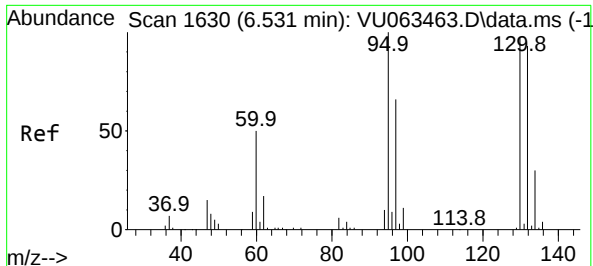
Tgt Ion: 62 Resp: 2459
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6



#43
Isopropyl Acetate
Concen: 0.934 ug/l
RT: 5.930 min Scan# 1443
Delta R.T. 0.019 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 43 Resp: 4029
Ion Ratio Lower Upper
43 100
61 15.7 15.4 23.2
87 7.8 10.5 15.7#

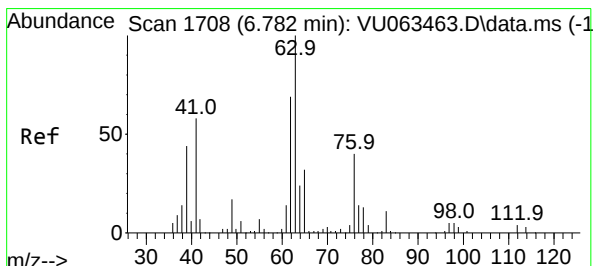
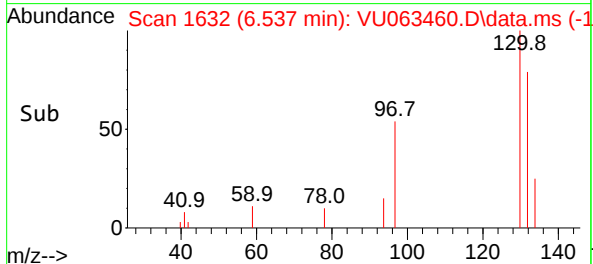
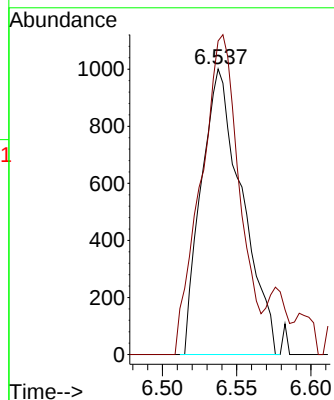
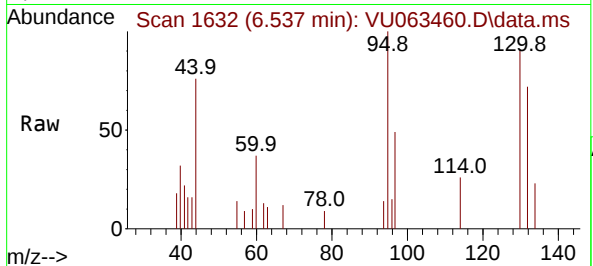




#44
 Trichloroethene
 Concen: 1.134 ug/l
 RT: 6.537 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

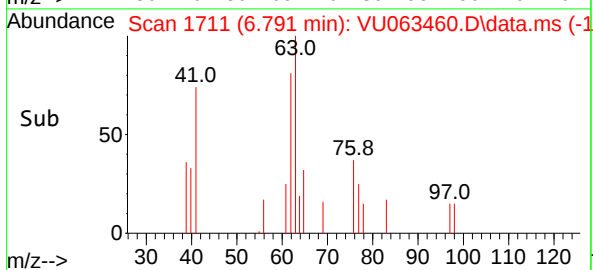
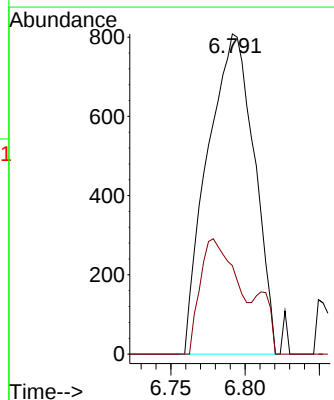
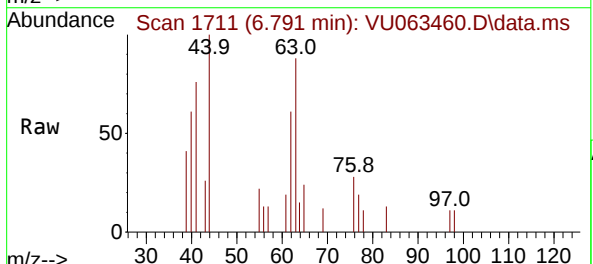
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

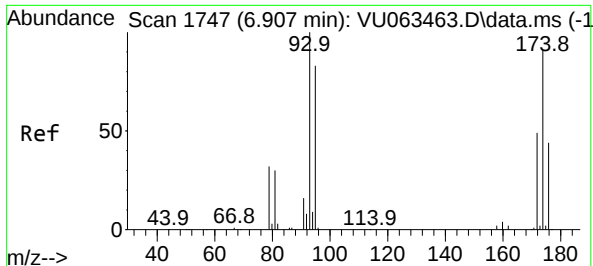
Tgt Ion:130 Resp: 1900
 Ion Ratio Lower Upper
 130 100
 95 93.7 0.0 206.4



#45
 1,2-Dichloropropane
 Concen: 1.014 ug/l
 RT: 6.791 min Scan# 1711
 Delta R.T. 0.010 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion: 63 Resp: 1764
 Ion Ratio Lower Upper
 63 100
 65 27.6 25.3 37.9

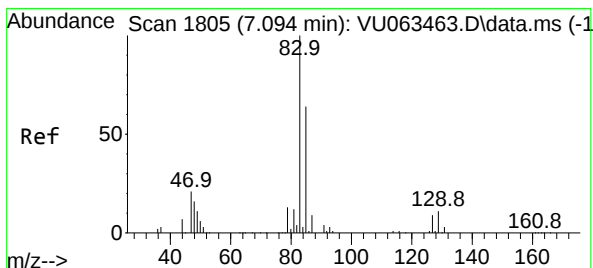
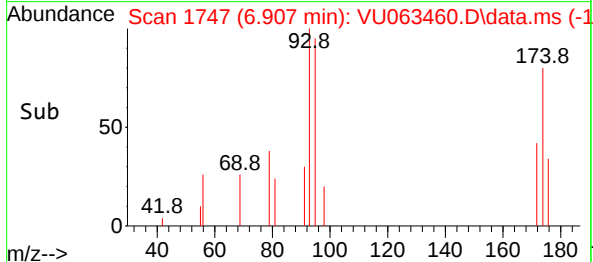
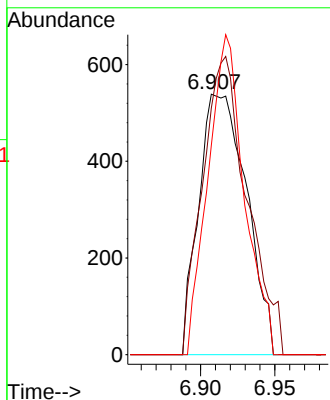
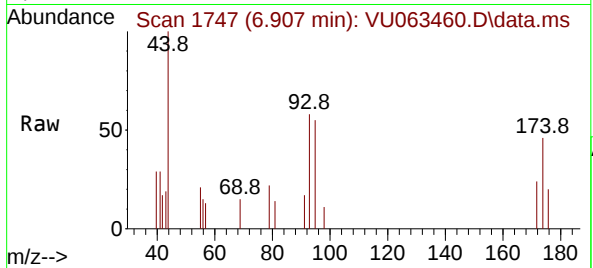




#46
Dibromomethane
Concen: 0.973 ug/l
RT: 6.907 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

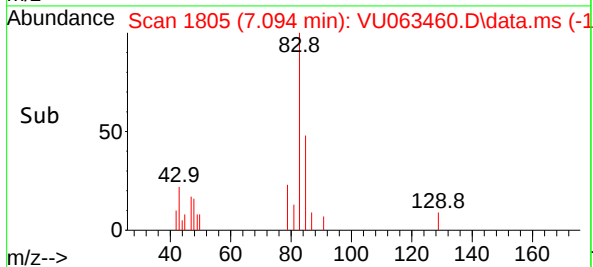
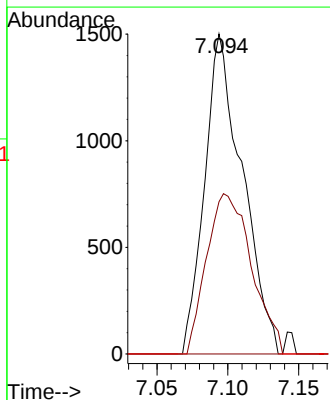
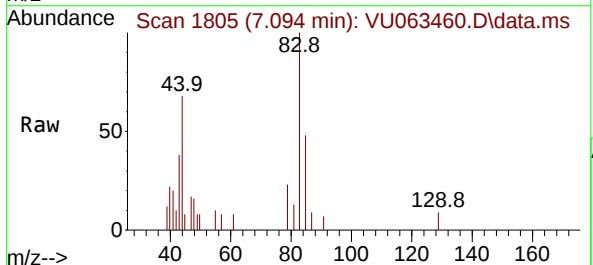
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

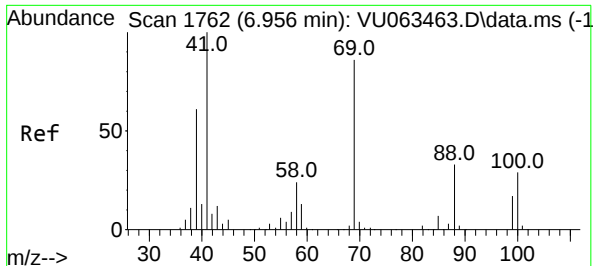
Tgt Ion: 93 Resp: 1205
Ion Ratio Lower Upper
93 100
95 107.5 67.5 101.3#
174 93.5 73.1 109.7



#47
Bromodichloromethane
Concen: 1.079 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 83 Resp: 2778
Ion Ratio Lower Upper
83 100
85 47.6 51.4 77.0#
127 0.0 7.0 10.4#





#48

Methyl methacrylate

Concen: 0.862 ug/l

RT: 6.978 min Scan# 1

Delta R.T. 0.022 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

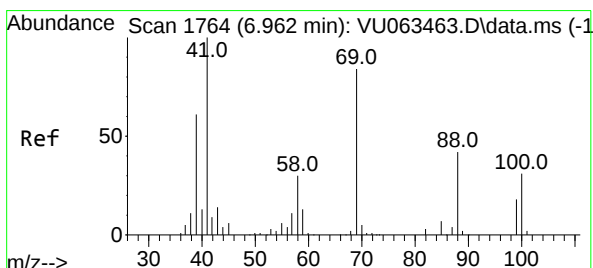
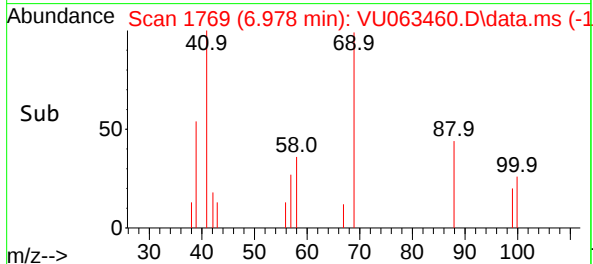
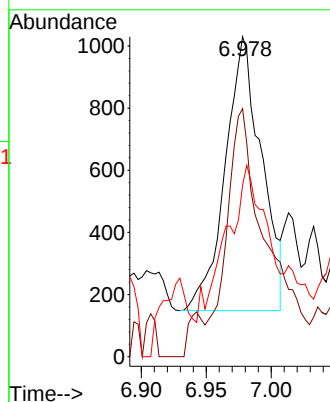
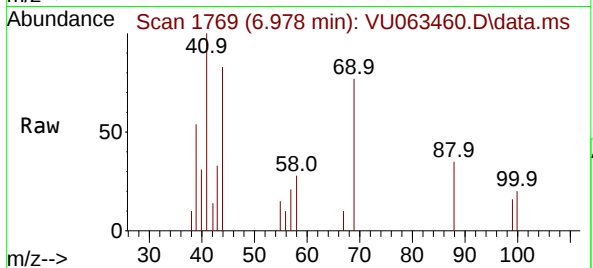
Tgt Ion: 41 Resp: 1717

Ion Ratio Lower Upper

41 100

69 99.8 69.8 104.8

39 61.7 48.3 72.5



#49

1,4-Dioxane

Concen: 13.423 ug/l

RT: 6.981 min Scan# 1770

Delta R.T. 0.019 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

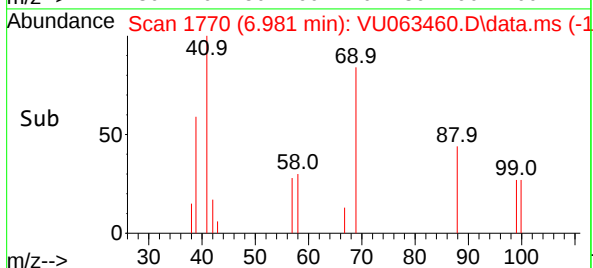
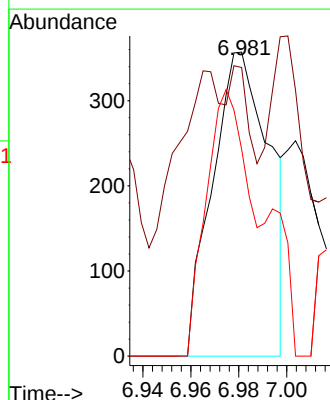
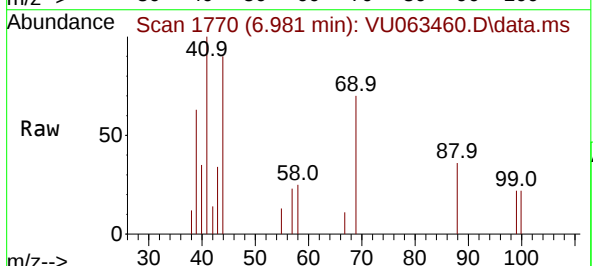
Tgt Ion: 88 Resp: 587

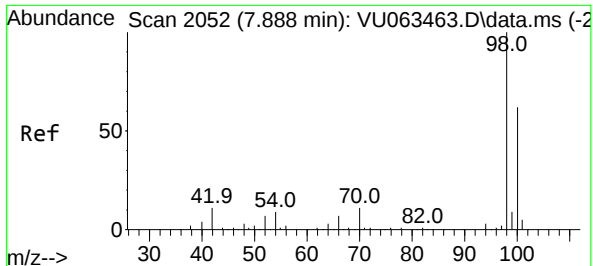
Ion Ratio Lower Upper

88 100

43 45.7 25.6 38.4#

58 69.5 55.0 82.6

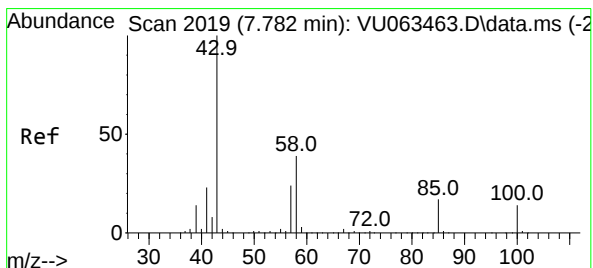
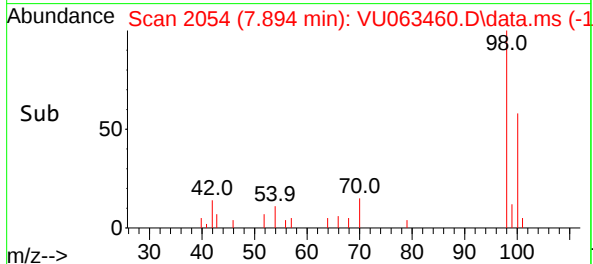
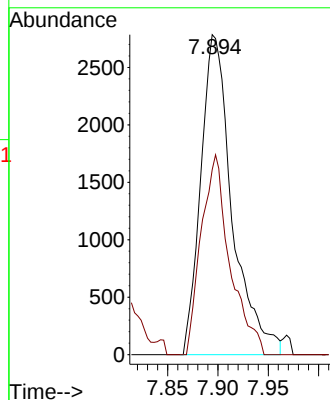
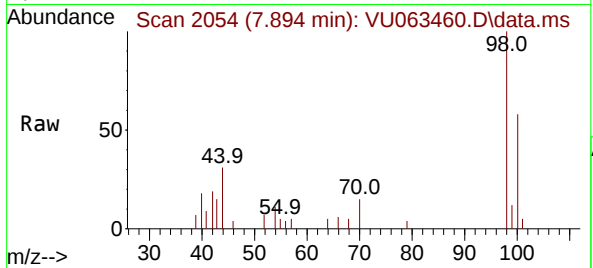




#50
Toluene-d8
Concen: 1.259 ug/l
RT: 7.894 min Scan# 2052
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

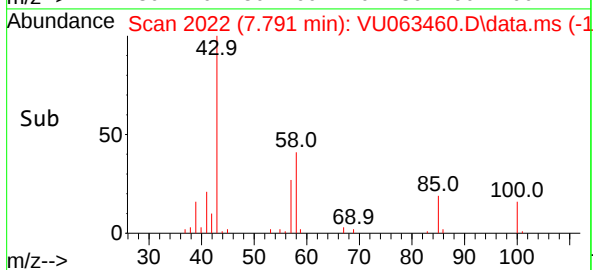
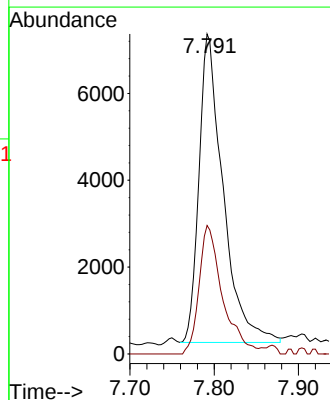
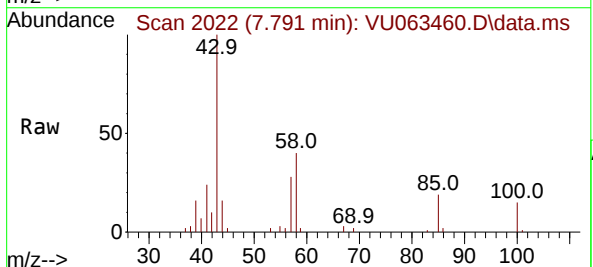
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

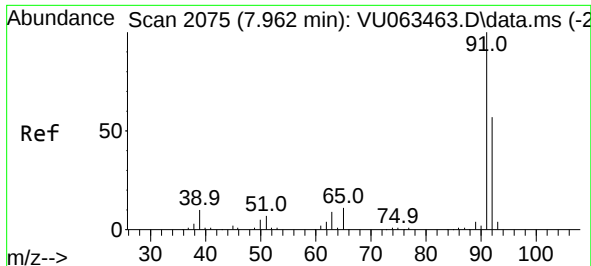
Tgt Ion: 98 Resp: 6053
Ion Ratio Lower Upper
98 100
100 57.0 48.1 72.1



#51
4-Methyl-2-Pentanone
Concen: 4.527 ug/l
RT: 7.791 min Scan# 2022
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 43 Resp: 14129
Ion Ratio Lower Upper
43 100
58 40.5 31.0 46.4

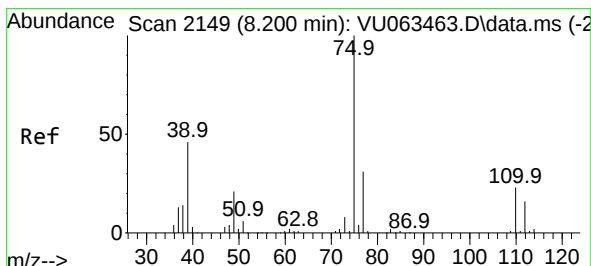
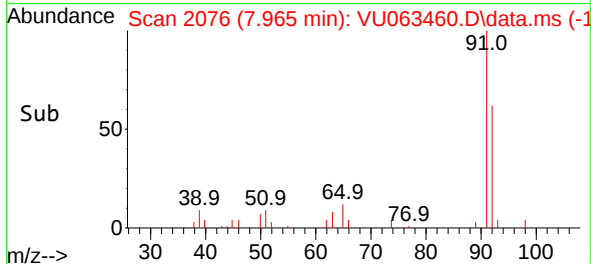
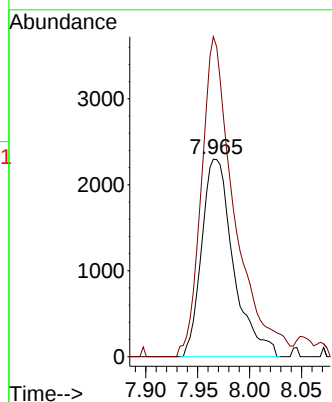
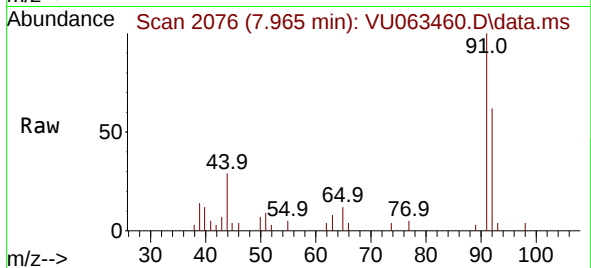




#52
Toluene
Concen: 1.191 ug/l
RT: 7.965 min Scan# 2075
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

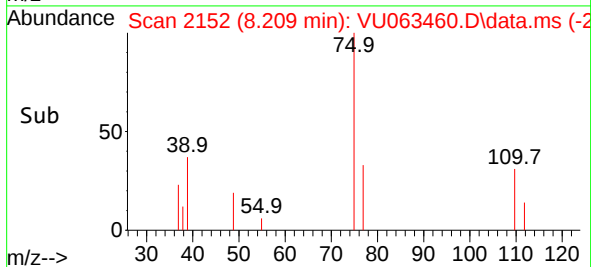
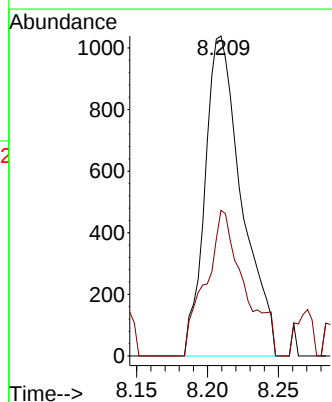
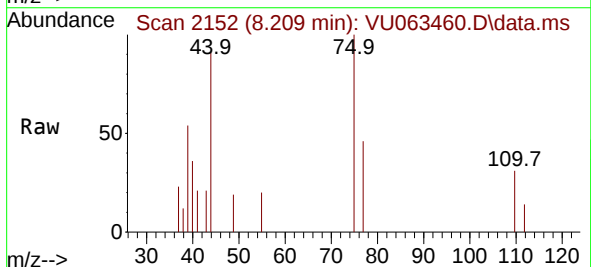
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

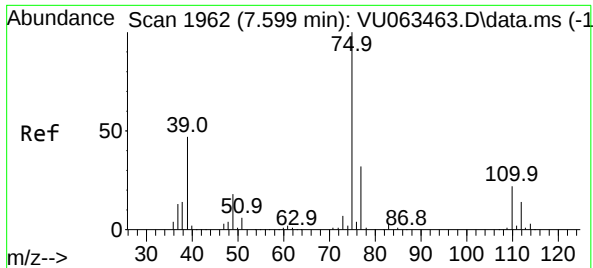
Tgt Ion: 92 Resp: 4877
Ion Ratio Lower Upper
92 100
91 168.3 144.5 216.7



#53
t-1,3-Dichloropropene
Concen: 0.831 ug/l
RT: 8.209 min Scan# 2152
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 75 Resp: 1873
Ion Ratio Lower Upper
75 100
77 45.5 25.0 37.6#

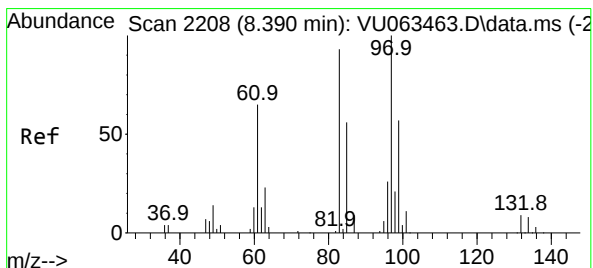
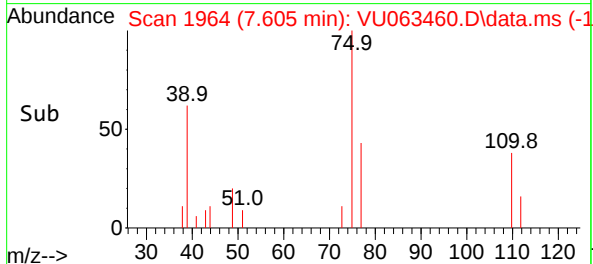
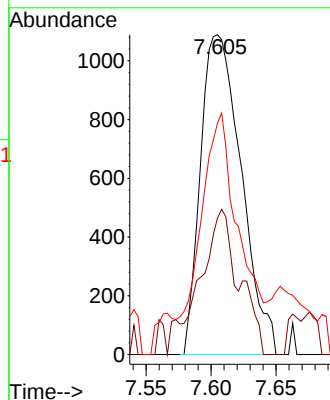
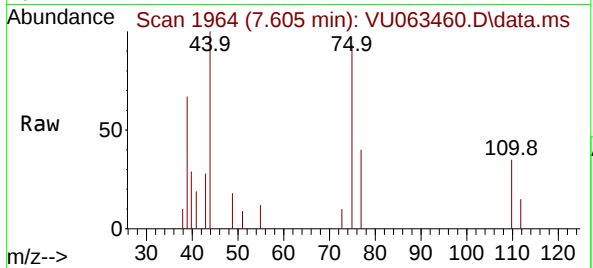




#54
 cis-1,3-Dichloropropene
 Concen: 0.943 ug/l
 RT: 7.605 min Scan# 1964
 Delta R.T. 0.006 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

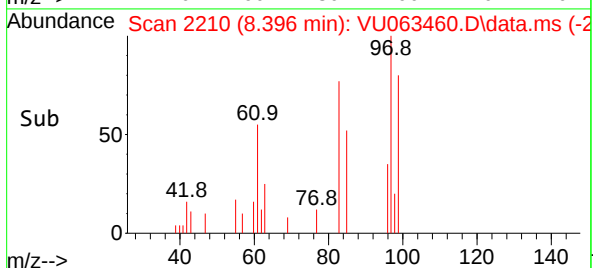
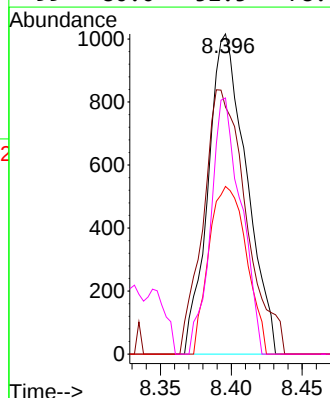
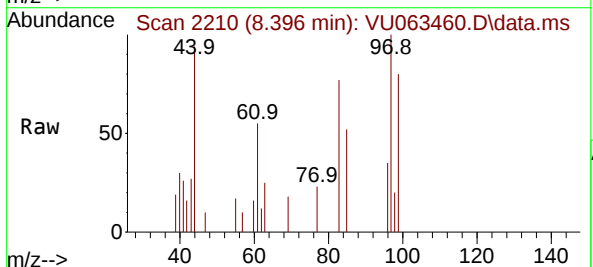
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

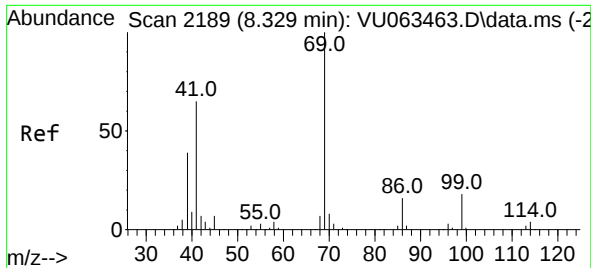
Tgt Ion: 75 Resp: 2377
 Ion Ratio Lower Upper
 75 100
 77 42.7 25.4 38.0#
 39 60.6 37.2 55.8#



#55
 1,1,2-Trichloroethane
 Concen: 1.098 ug/l
 RT: 8.396 min Scan# 2210
 Delta R.T. 0.006 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion: 97 Resp: 1910
 Ion Ratio Lower Upper
 97 100
 83 77.2 74.2 111.4
 85 52.4 45.8 68.8
 99 80.0 52.5 78.7#

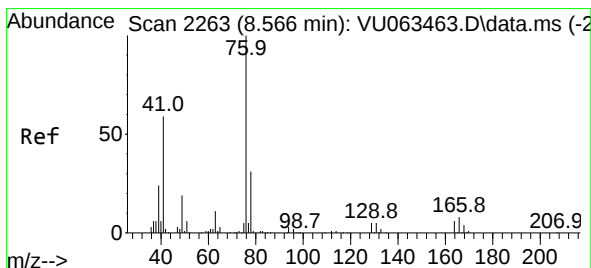
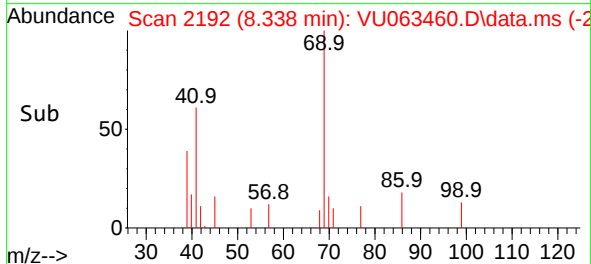
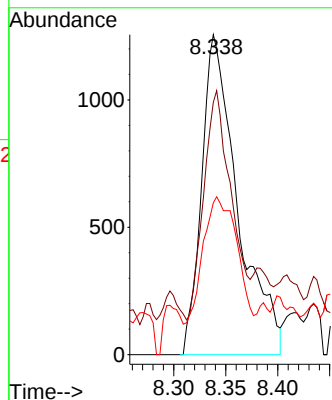
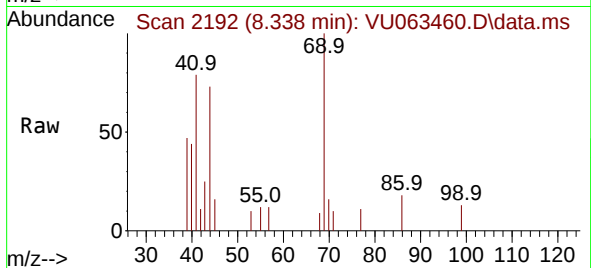




#56
Ethyl methacrylate
Concen: 1.081 ug/l
RT: 8.338 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

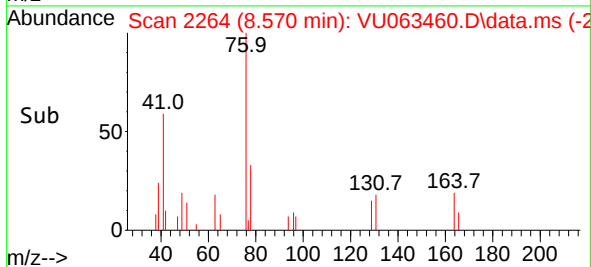
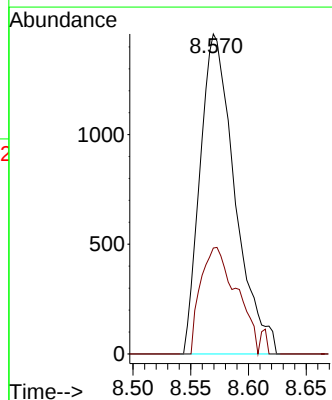
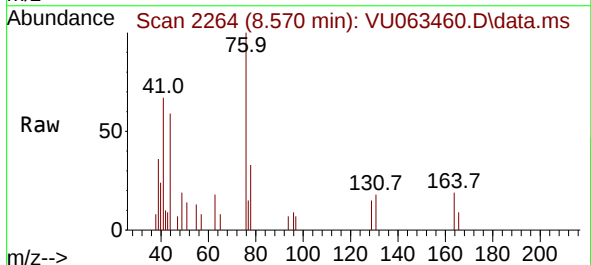
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

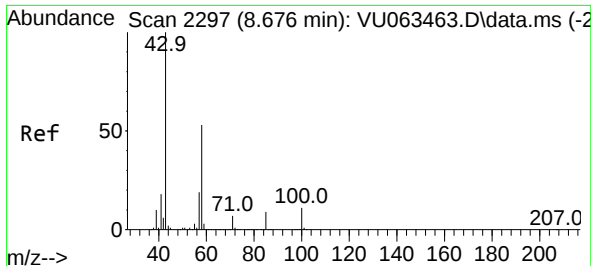
Tgt Ion: 69 Resp: 3031
Ion Ratio Lower Upper
69 100
41 54.7 53.0 79.6
39 37.1 31.0 46.4



#57
1,3-Dichloropropane
Concen: 1.064 ug/l
RT: 8.570 min Scan# 2264
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 76 Resp: 3049
Ion Ratio Lower Upper
76 100
78 34.4 25.6 38.4

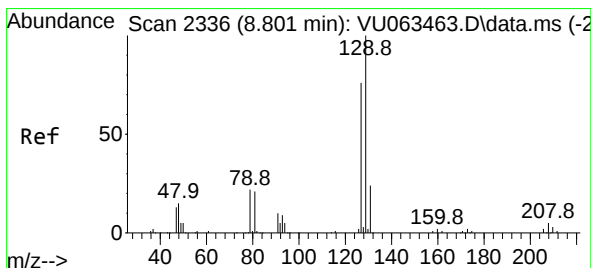
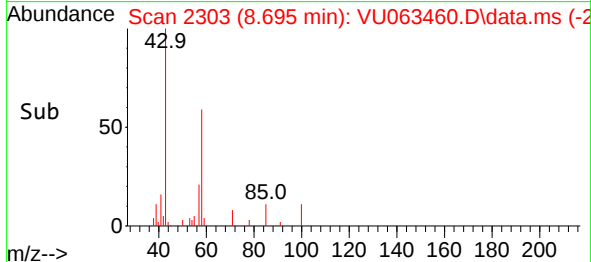
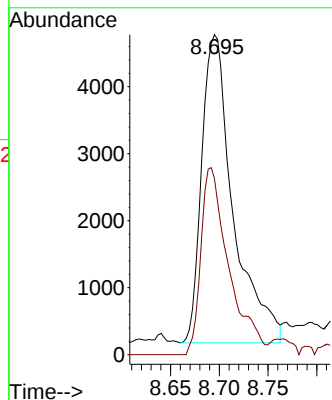
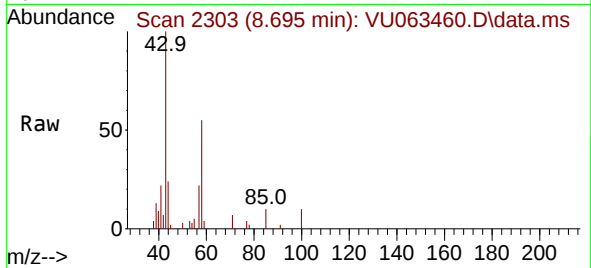




#59
2-Hexanone
Concen: 4.382 ug/l
RT: 8.695 min Scan# 21
Delta R.T. 0.019 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

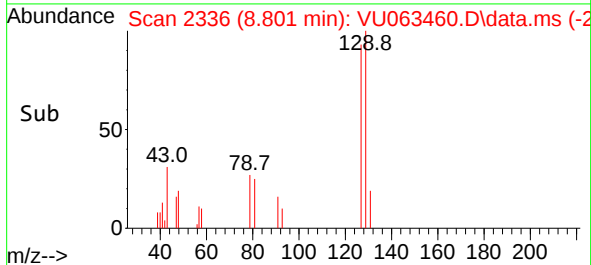
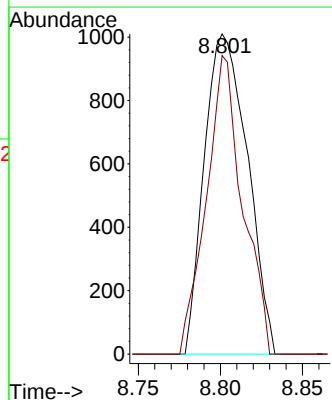
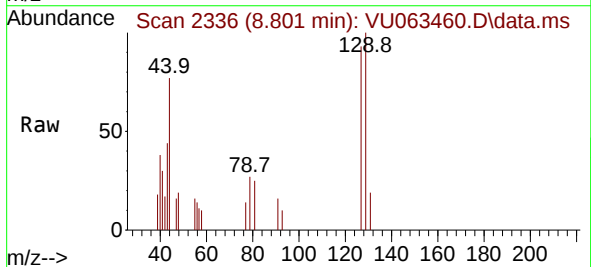
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

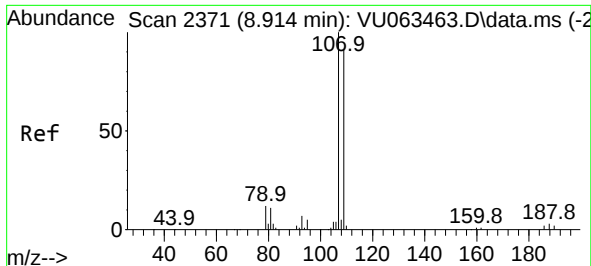
Tgt Ion: 43 Resp: 10343
Ion Ratio Lower Upper
43 100
58 54.0 26.9 80.7



#60
Dibromochloromethane
Concen: 0.946 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 129 Resp: 1842
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

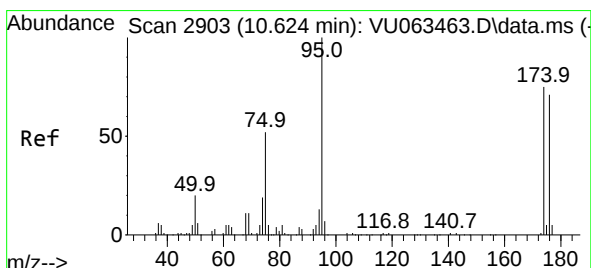
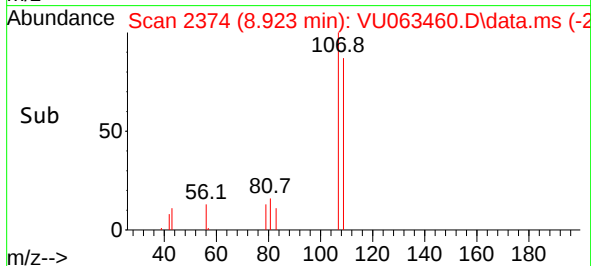
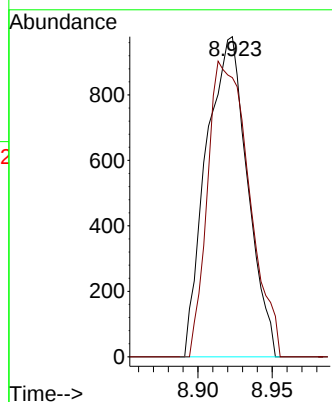
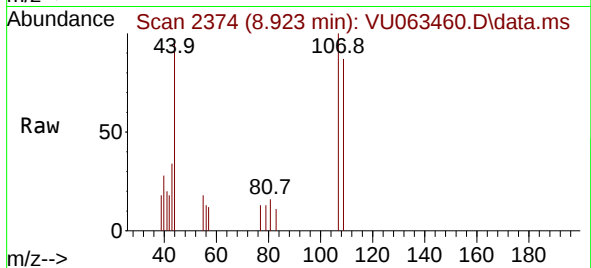




#61
1,2-Dibromoethane
Concen: 1.106 ug/l
RT: 8.923 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

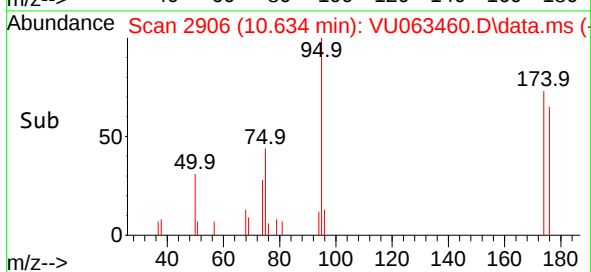
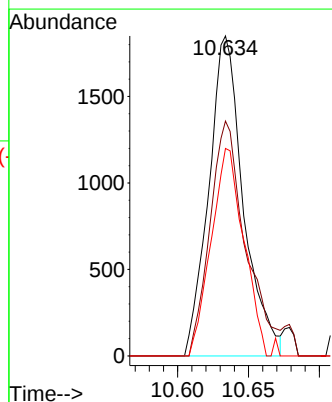
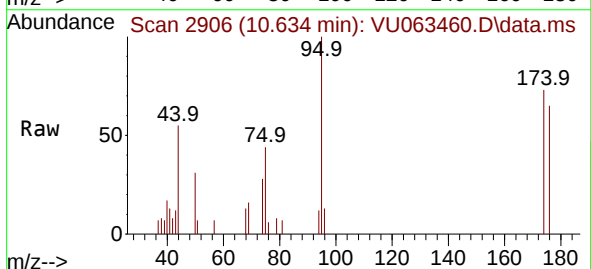
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

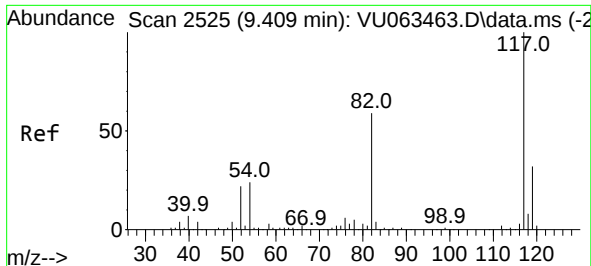
Tgt Ion:107 Resp: 1888
Ion Ratio Lower Upper
107 100
109 93.0 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 1.492 ug/l
RT: 10.634 min Scan# 2906
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 95 Resp: 3139
Ion Ratio Lower Upper
95 100
174 75.8 0.0 153.6
176 61.3 0.0 145.8

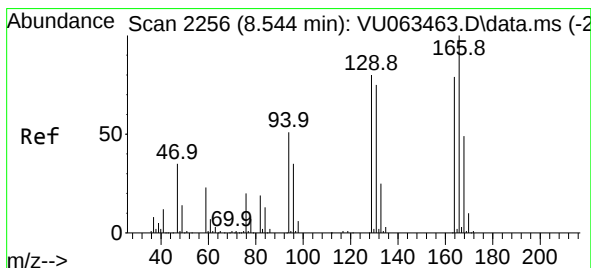
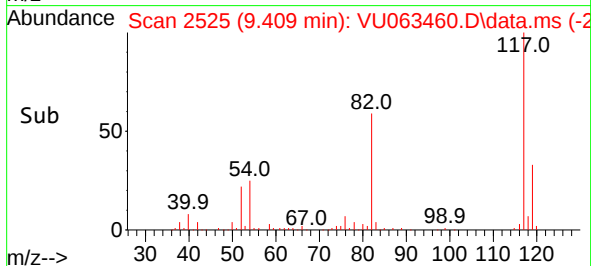
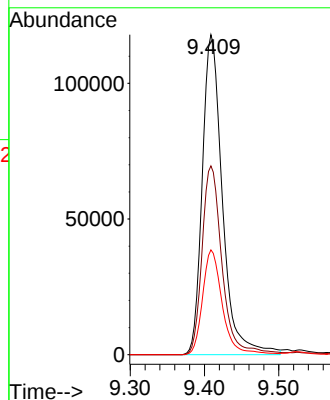
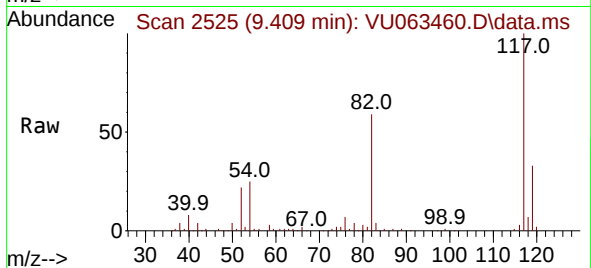




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

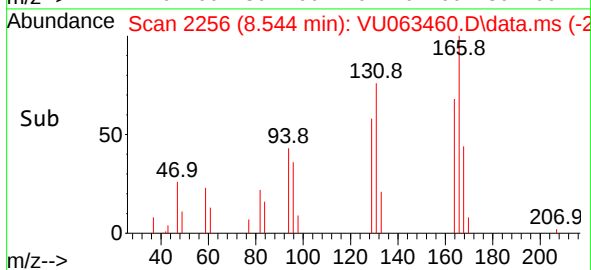
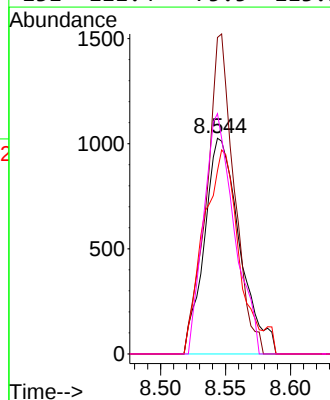
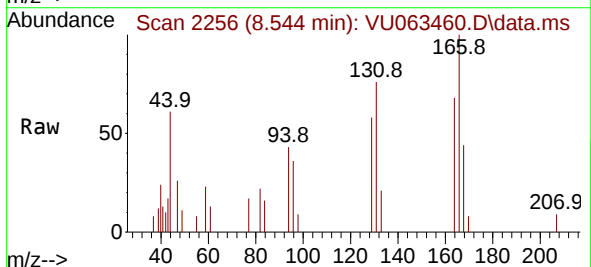
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

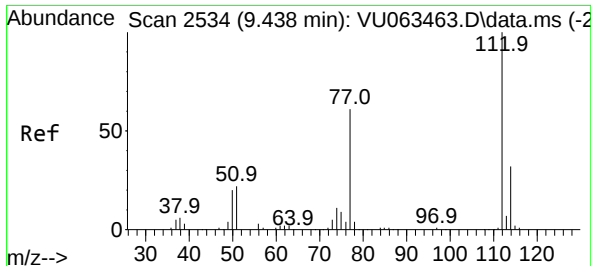
Tgt Ion:117 Resp: 222687
Ion Ratio Lower Upper
117 100
82 59.0 47.1 70.7
119 32.7 25.4 38.0



#64
Tetrachloroethene
Concen: 1.170 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:164 Resp: 1939
Ion Ratio Lower Upper
164 100
166 146.7 100.9 151.3
129 84.9 80.9 121.3
131 111.4 75.5 113.3

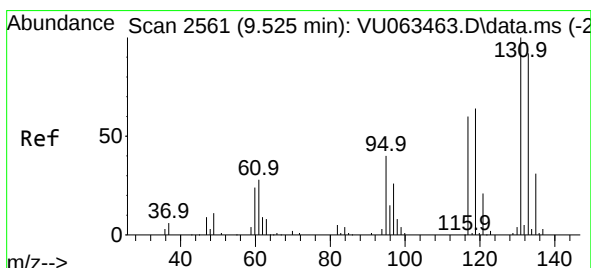
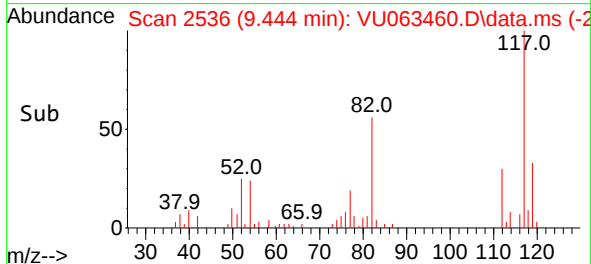
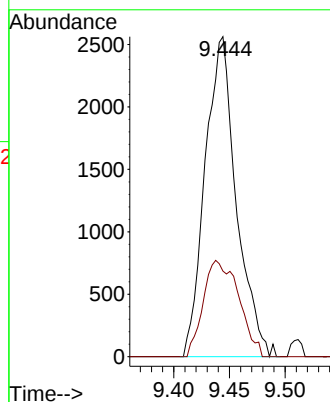
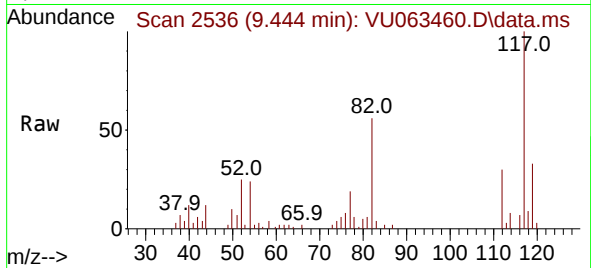




#65
Chlorobenzene
Concen: 1.081 ug/l
RT: 9.444 min Scan# 2536
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

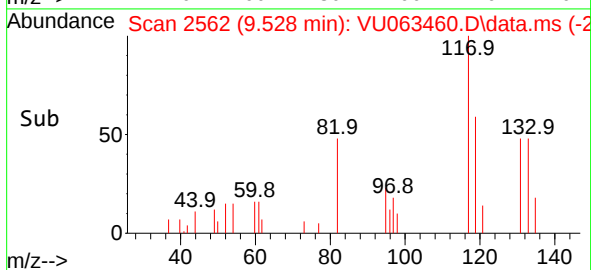
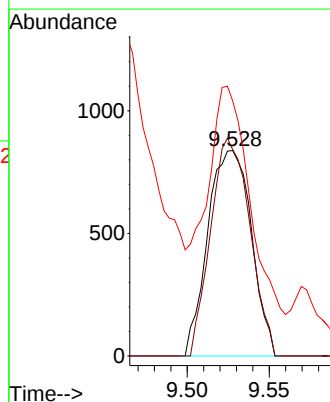
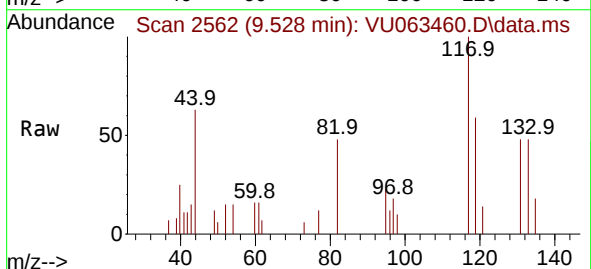
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

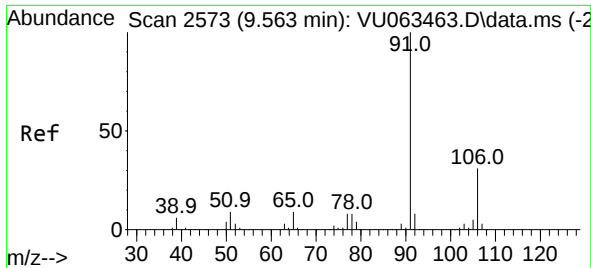
Tgt Ion:112 Resp: 5006
Ion Ratio Lower Upper
112 100
114 26.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 0.972 ug/l
RT: 9.528 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:131 Resp: 1544
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.2
119 0.0 33.3 99.9#

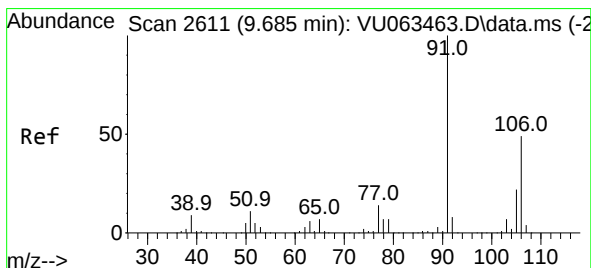
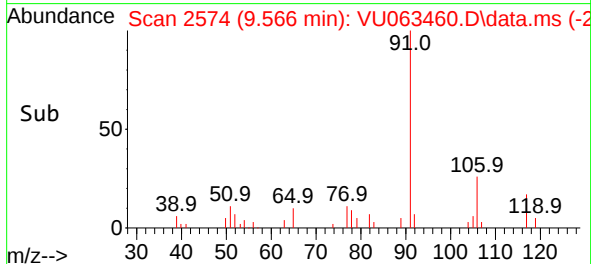
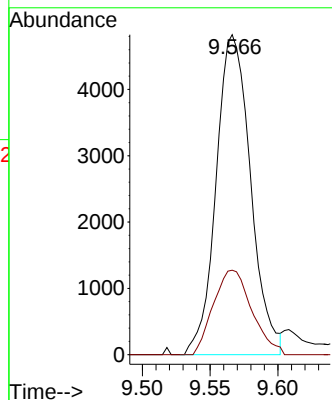
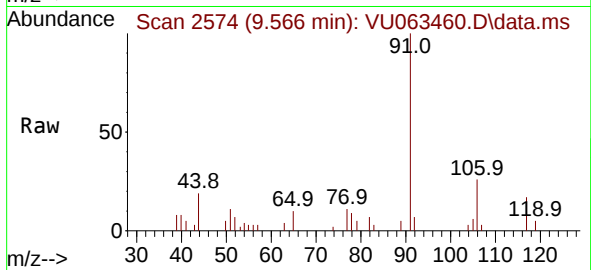




#67
Ethyl Benzene
Concen: 1.072 ug/l
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

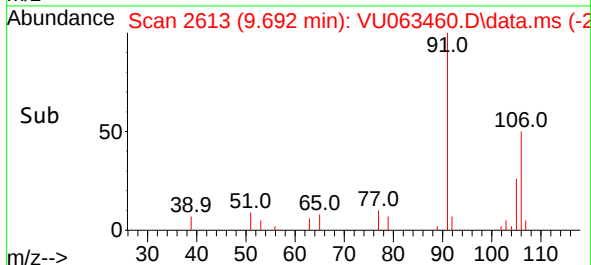
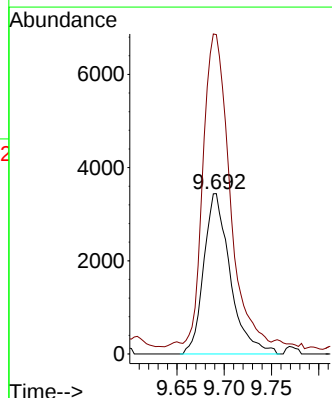
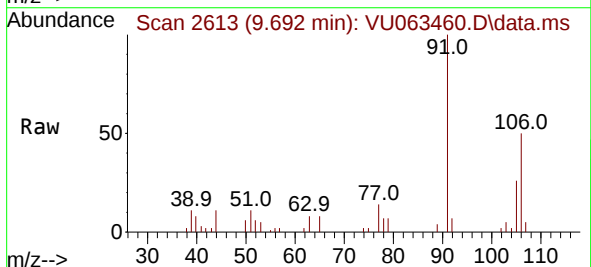
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

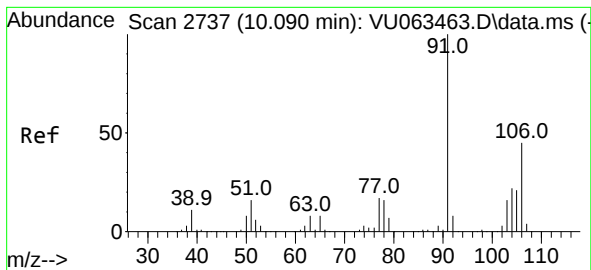
Tgt Ion: 91 Resp: 8539
Ion Ratio Lower Upper
91 100
106 26.4 24.5 36.7



#68
m/p-Xylenes
Concen: 2.202 ug/l
RT: 9.692 min Scan# 2613
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:106 Resp: 6692
Ion Ratio Lower Upper
106 100
91 190.0 163.6 245.4





#69

o-Xylene

Concen: 1.099 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

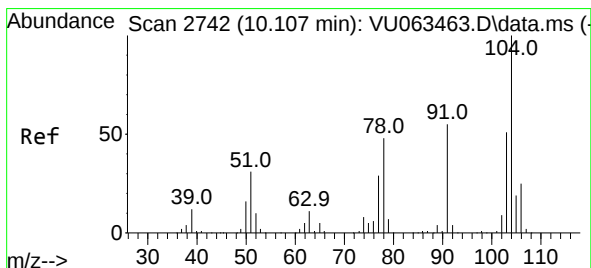
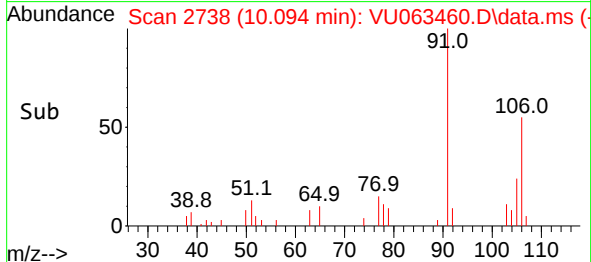
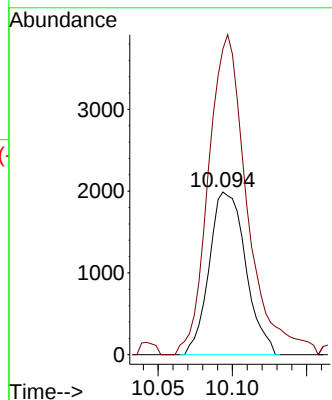
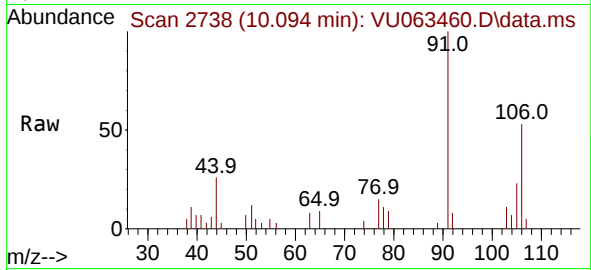
VSTDIC001

Tgt Ion:106 Resp: 3395

Ion Ratio Lower Upper

106 100

91 208.9 110.7 331.9



#70

Styrene

Concen: 0.966 ug/l

RT: 10.116 min Scan# 2745

Delta R.T. 0.010 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

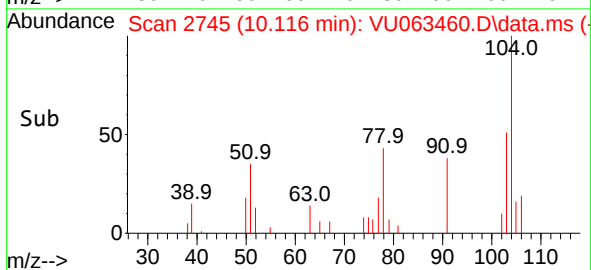
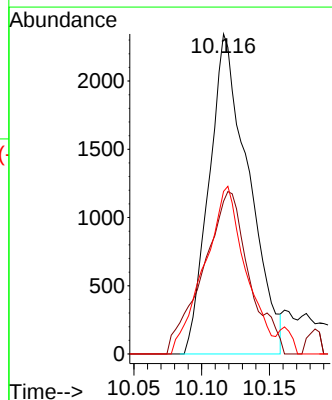
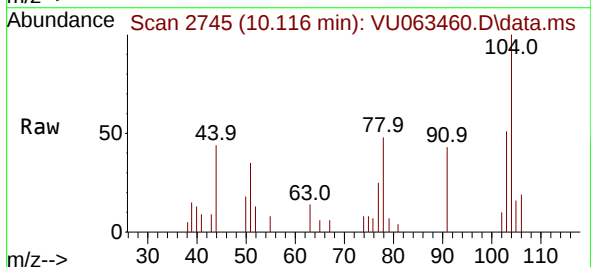
Tgt Ion:104 Resp: 4744

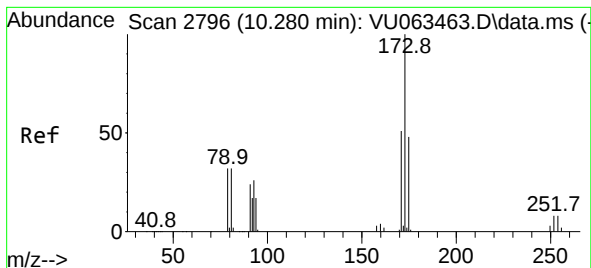
Ion Ratio Lower Upper

104 100

78 59.1 41.4 62.0

103 55.0 44.3 66.5





#71

Bromoform

Concen: 0.885 ug/l

RT: 10.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC001

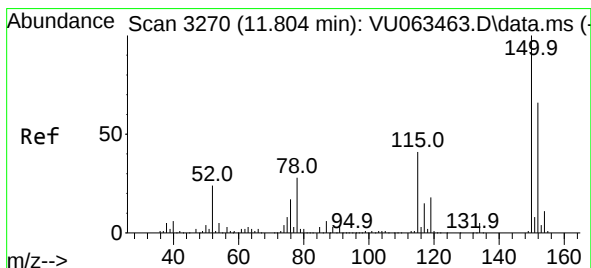
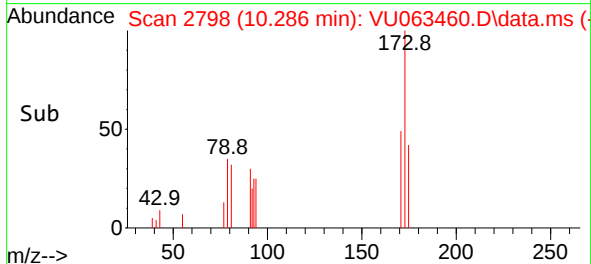
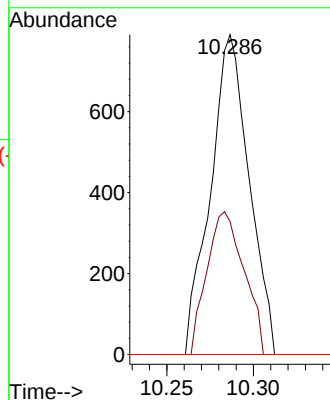
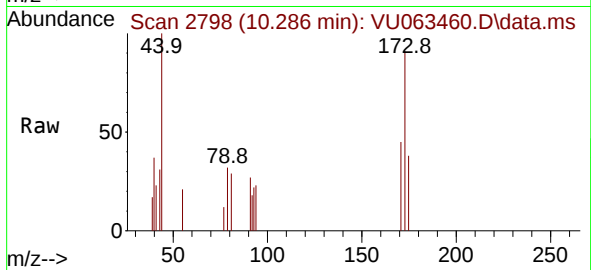
Tgt Ion:173 Resp: 1226

Ion Ratio Lower Upper

173 100

175 43.0 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

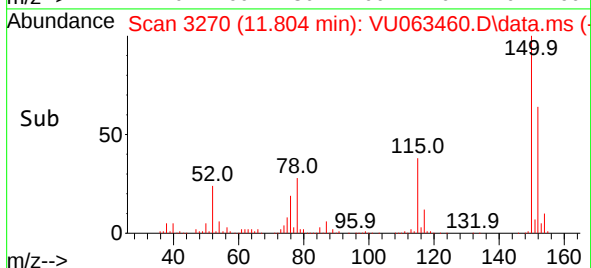
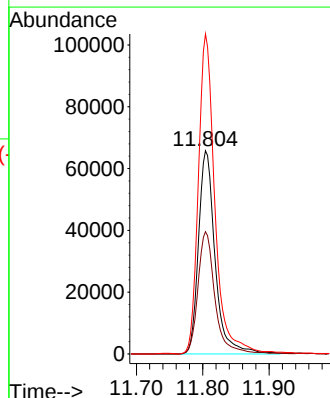
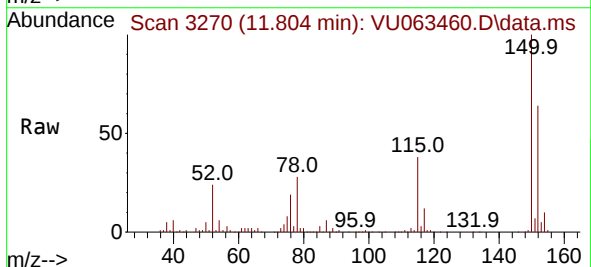
Tgt Ion:152 Resp: 115285

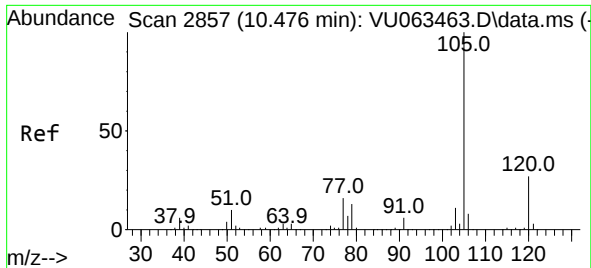
Ion Ratio Lower Upper

152 100

115 61.6 43.4 130.2

150 157.1 0.0 341.4

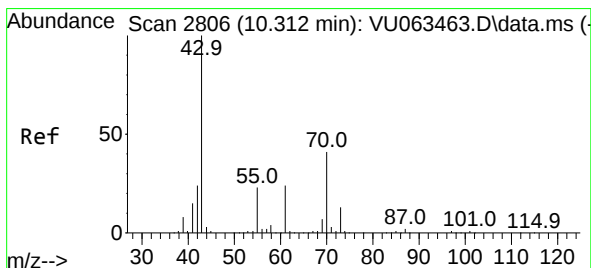
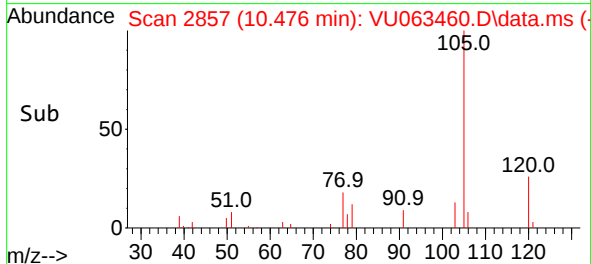
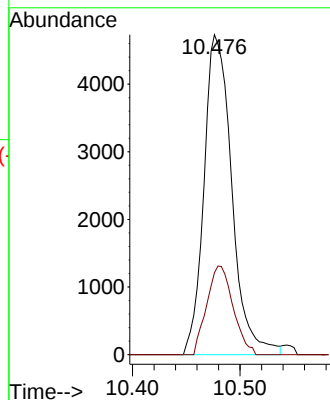
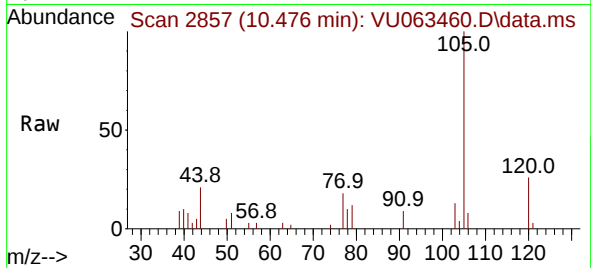




#73
Isopropylbenzene
Concen: 1.085 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

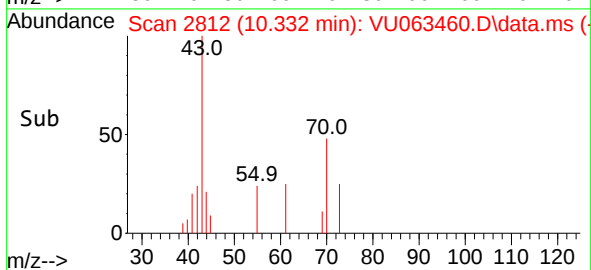
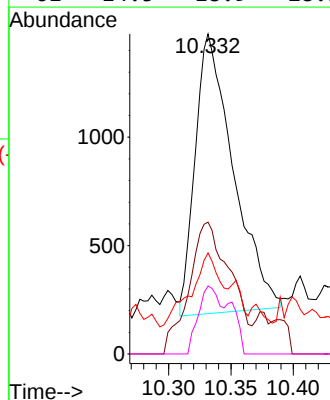
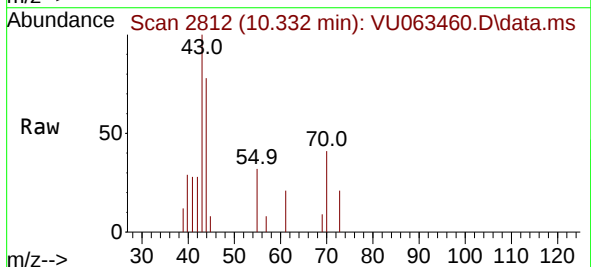
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

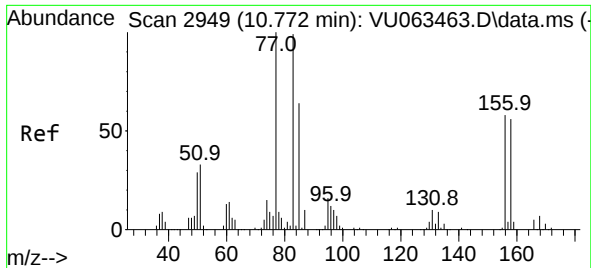
Tgt Ion:105 Resp: 8513
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 0.777 ug/l
RT: 10.312 min Scan# 2812
Delta R.T. 0.019 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 43 Resp: 2734
Ion Ratio Lower Upper
43 100
70 52.0 32.6 48.8#
55 22.2 18.6 27.8
61 14.5 18.9 28.3#

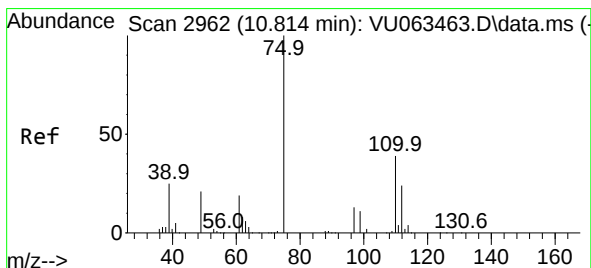
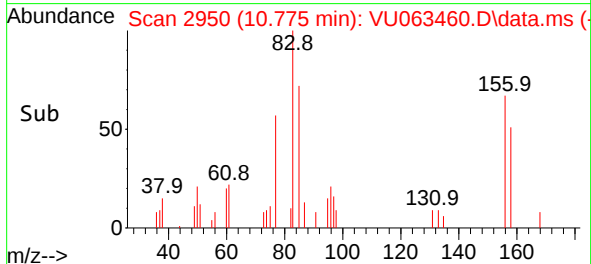
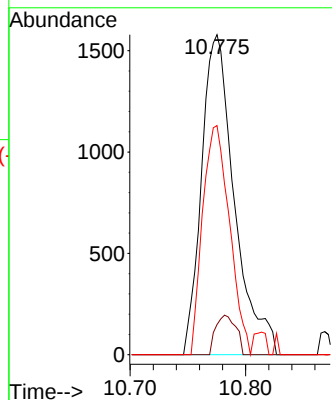
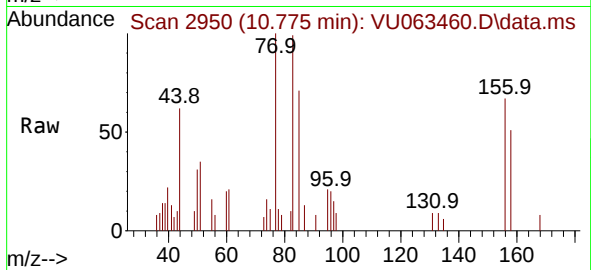




#75
1,1,2,2-Tetrachloroethane
Concen: 1.078 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

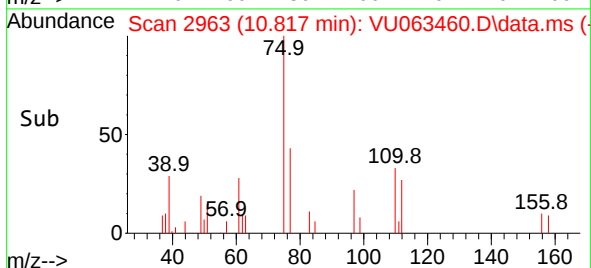
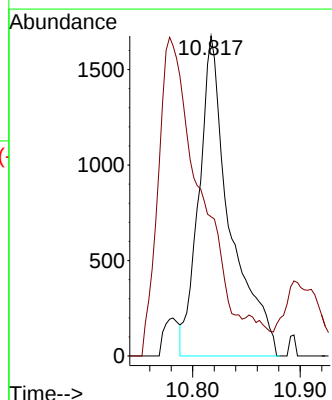
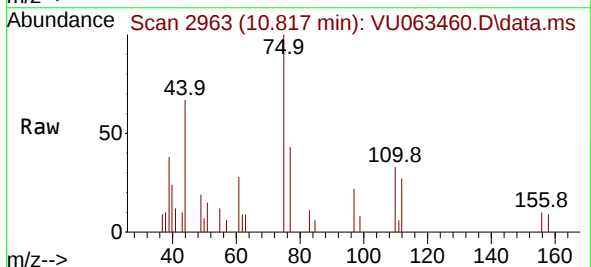
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC001

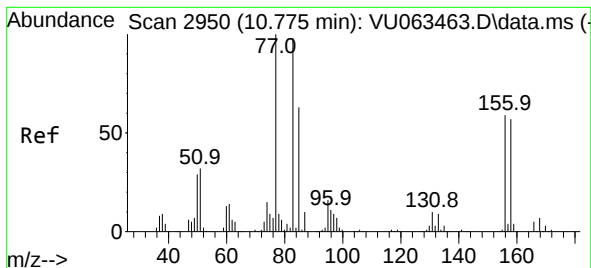
Tgt Ion: 83 Resp: 3114
Ion Ratio Lower Upper
83 100
131 7.6 4.8 14.3
85 58.5 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 1.098 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 75 Resp: 3355
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#





#77

Bromobenzene

Concen: 1.146 ug/l

RT: 10.782 min Scan# 2952

Delta R.T. 0.006 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

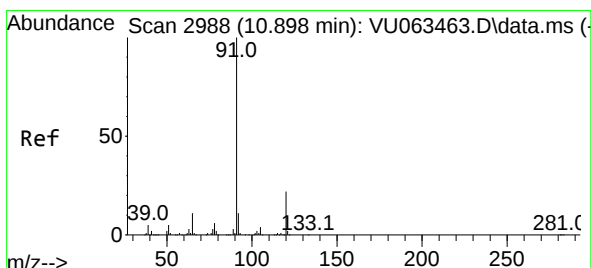
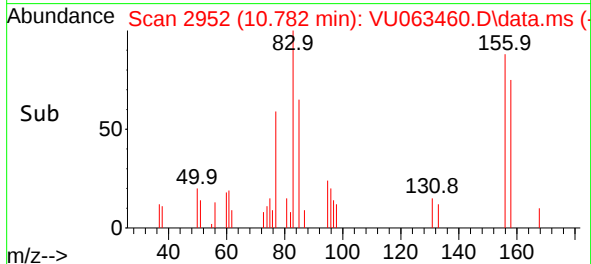
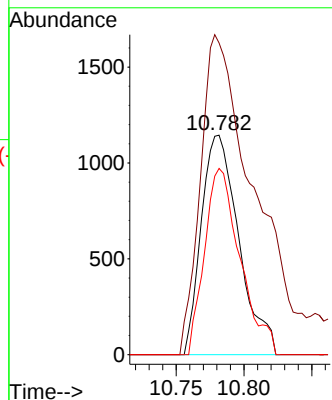
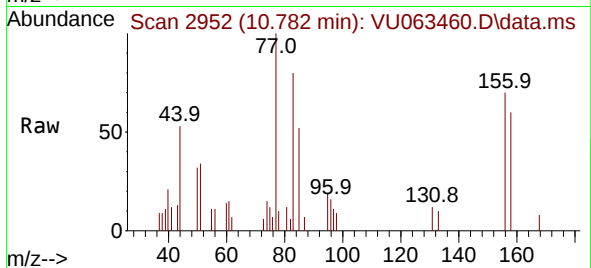
Tgt Ion:156 Resp: 2204

Ion Ratio Lower Upper

156 100

77 208.1 78.2 234.6

158 80.3 46.8 140.4



#78

n-propylbenzene

Concen: 1.070 ug/l

RT: 10.901 min Scan# 2989

Delta R.T. 0.003 min

Lab File: VU063460.D

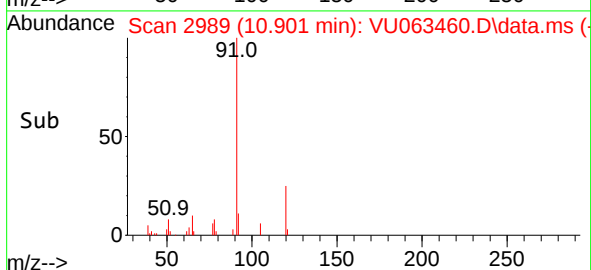
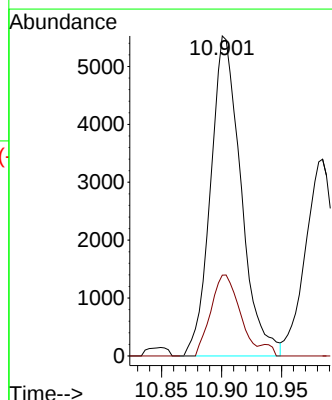
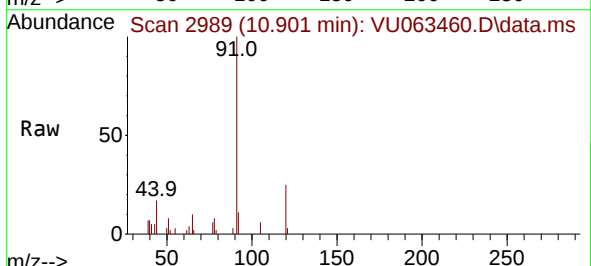
Acq: 08 Jul 2025 11:52

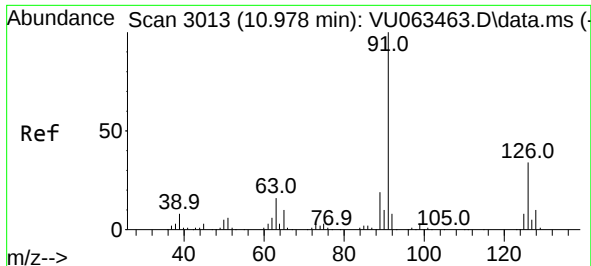
Tgt Ion: 91 Resp: 9731

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.021 ug/l

RT: 10.984 min Scan# 3015

Delta R.T. 0.006 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

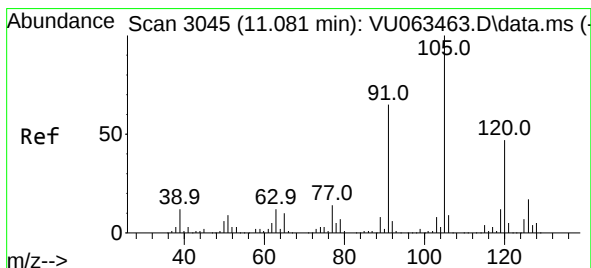
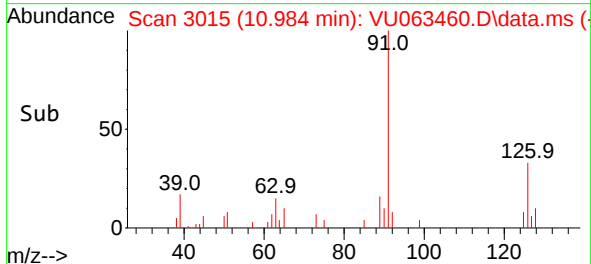
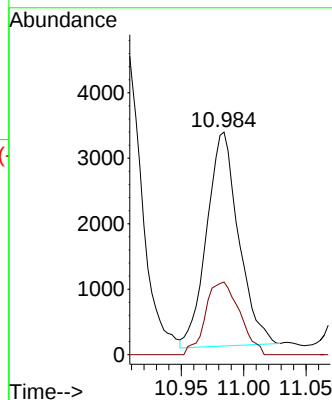
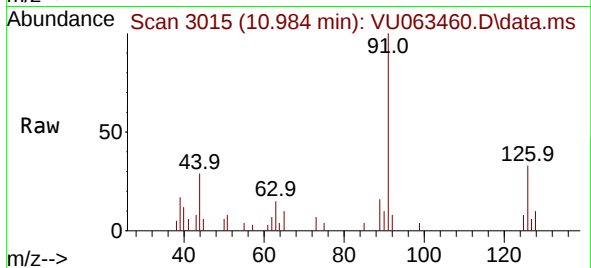
VSTDIC001

Tgt Ion: 91 Resp: 5826

Ion Ratio Lower Upper

91 100

126 36.4 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 1.080 ug/l

RT: 11.084 min Scan# 3046

Delta R.T. 0.003 min

Lab File: VU063460.D

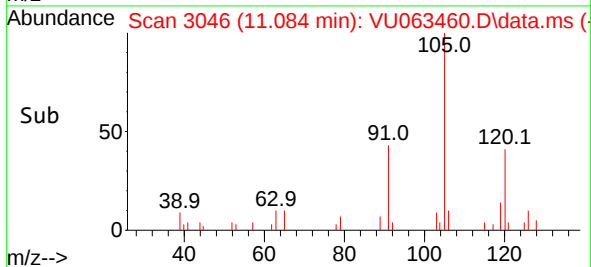
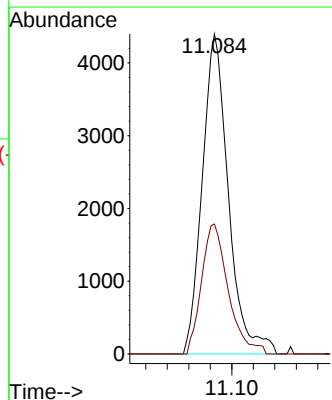
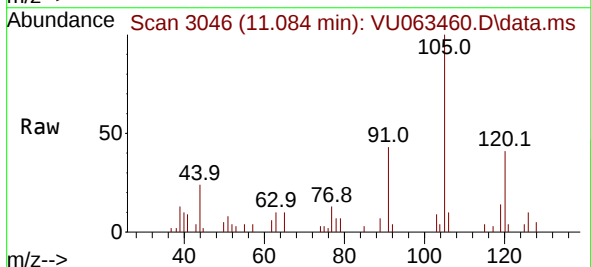
Acq: 08 Jul 2025 11:52

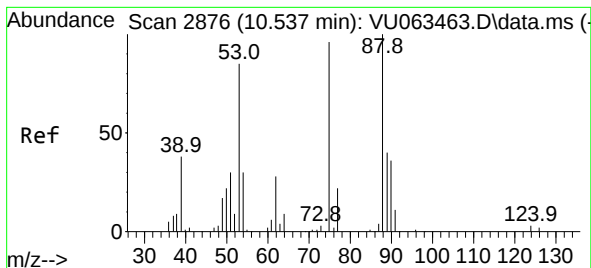
Tgt Ion:105 Resp: 7410

Ion Ratio Lower Upper

105 100

120 41.5 23.4 70.2

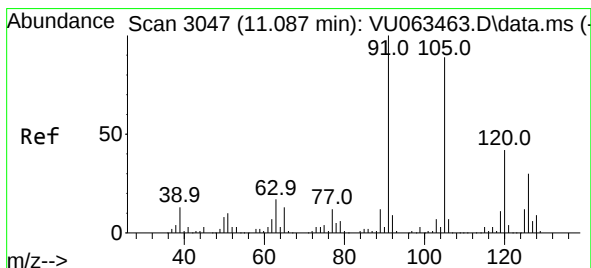
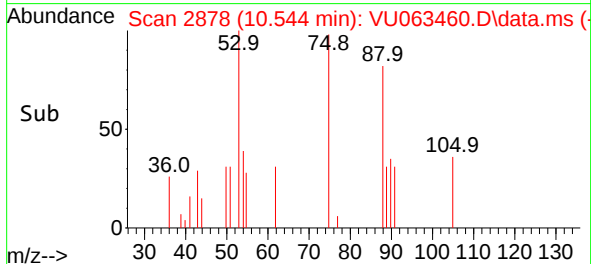
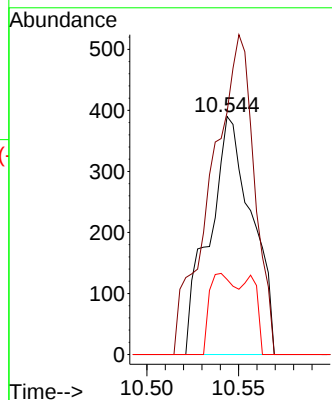
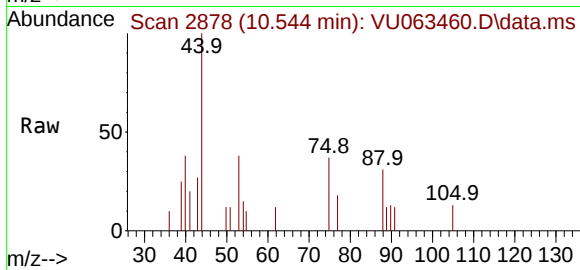




#81
trans-1,4-Dichloro-2-butene
Concen: 1.027 ug/l
RT: 10.544 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

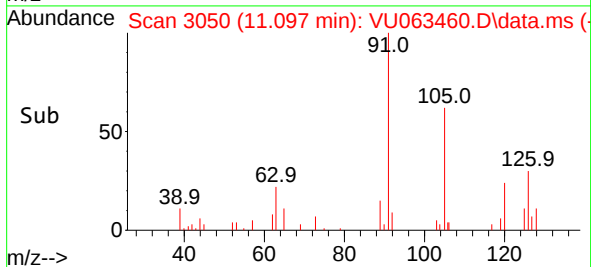
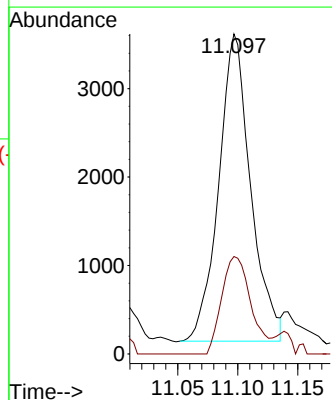
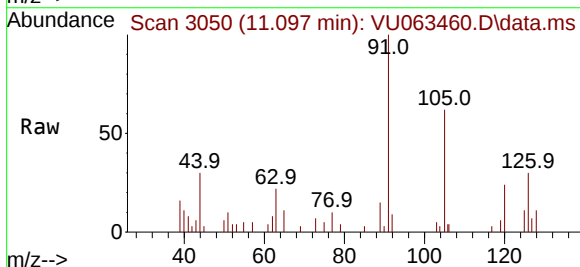
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

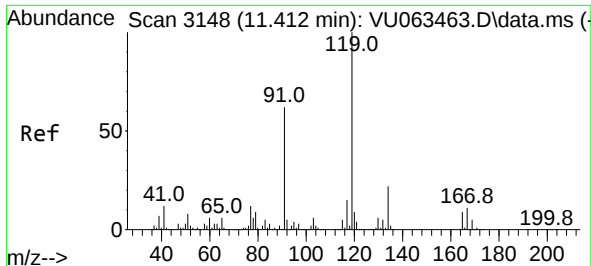
Tgt Ion: 75 Resp: 629
Ion Ratio Lower Upper
75 100
53 137.0 74.6 111.8#
89 21.8 36.3 54.5#



#82
4-Chlorotoluene
Concen: 0.992 ug/l
RT: 11.097 min Scan# 3050
Delta R.T. 0.010 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion: 91 Resp: 6428
Ion Ratio Lower Upper
91 100
126 28.8 14.4 43.2

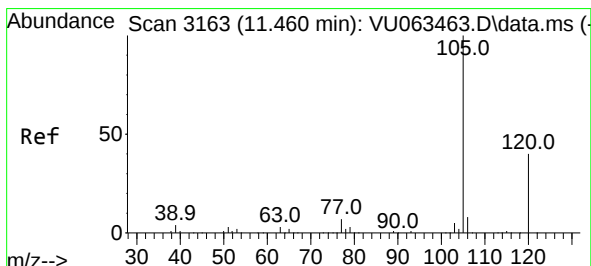
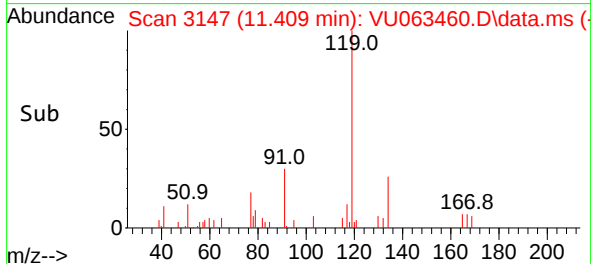
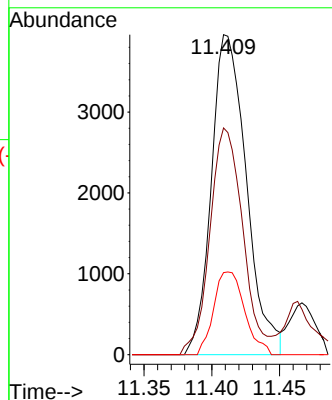
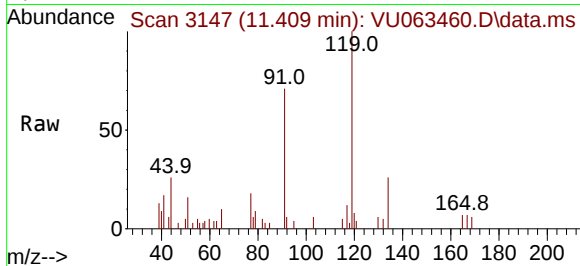




#83
tert-Butylbenzene
Concen: 1.079 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.003 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

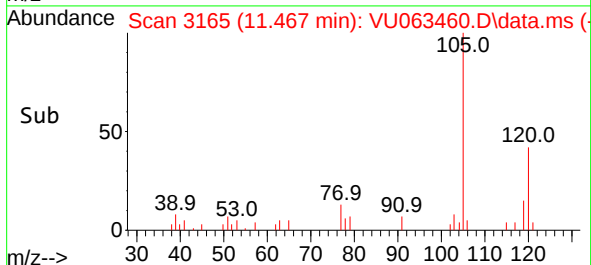
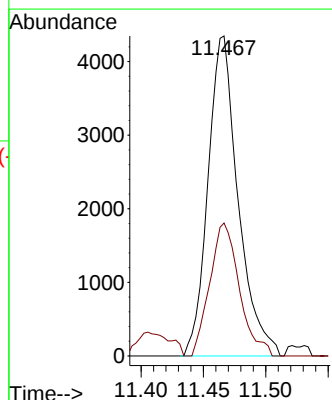
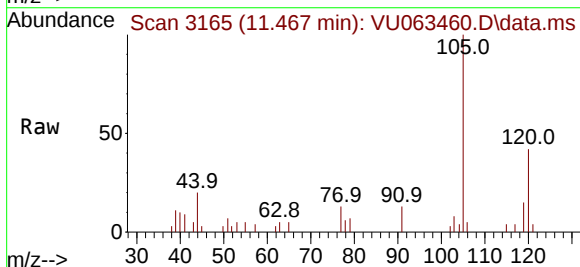
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC001

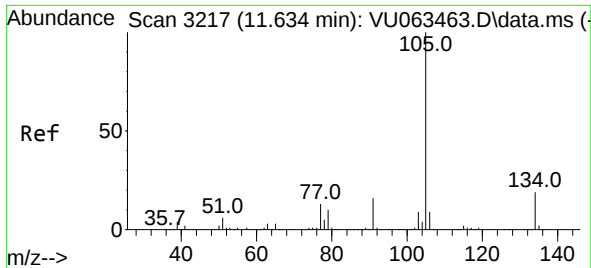
Tgt Ion:119 Resp: 7101
Ion Ratio Lower Upper
119 100
91 66.0 30.3 91.0
134 22.9 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 1.086 ug/l
RT: 11.467 min Scan# 3165
Delta R.T. 0.006 min
Lab File: VU063460.D
Acq: 08 Jul 2025 11:52

Tgt Ion:105 Resp: 7315
Ion Ratio Lower Upper
105 100
120 40.8 22.1 66.3

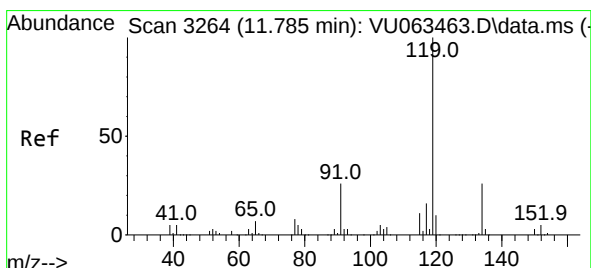
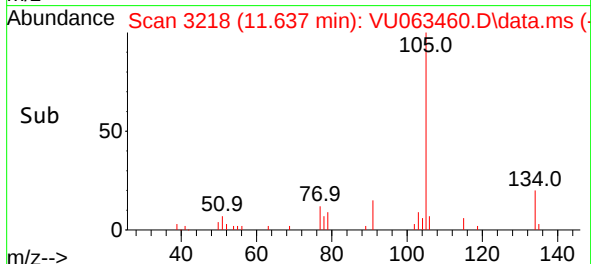
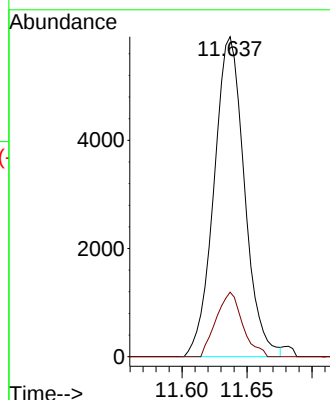
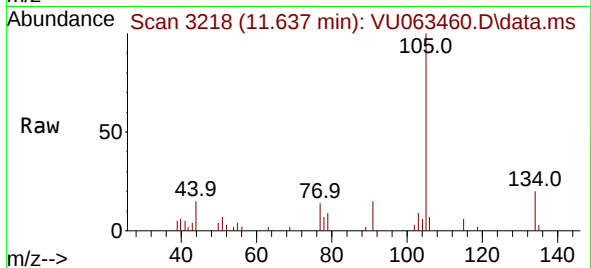




#85
 sec-Butylbenzene
 Concen: 1.112 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

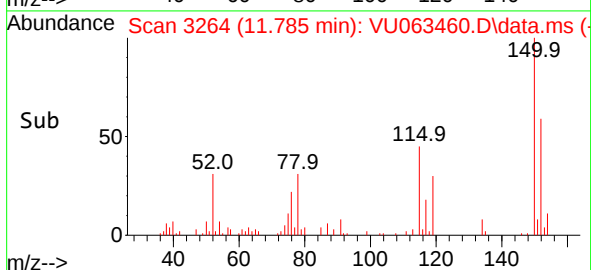
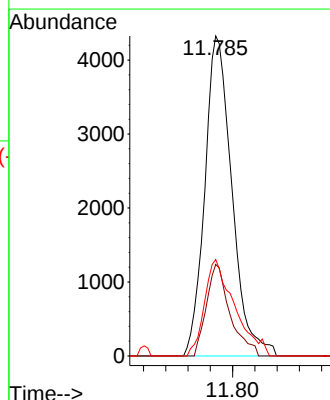
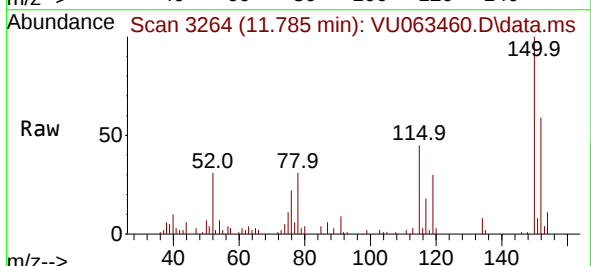
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

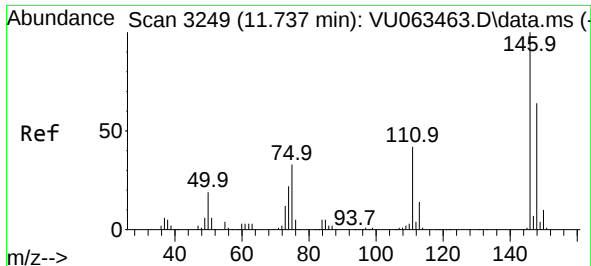
Tgt Ion:105 Resp: 9658
 Ion Ratio Lower Upper
 105 100
 134 17.4 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 1.037 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion:119 Resp: 7307
 Ion Ratio Lower Upper
 119 100
 134 24.9 13.0 38.9
 91 33.6 13.0 38.9

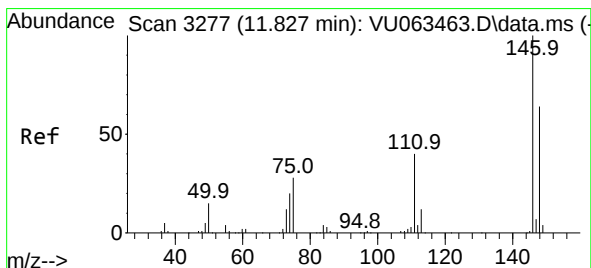
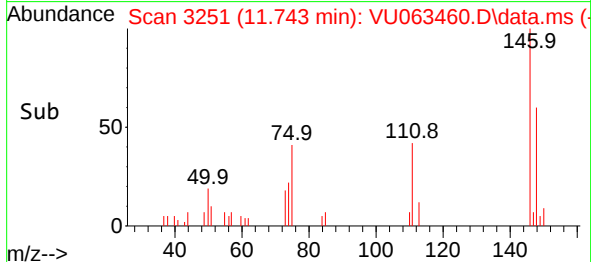
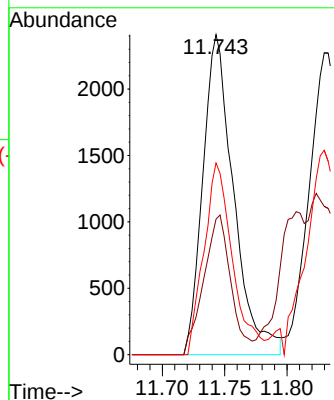
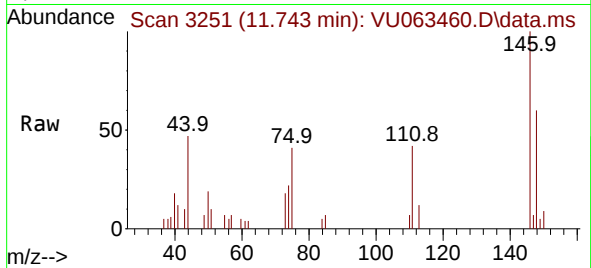




#87
 1,3-Dichlorobenzene
 Concen: 1.117 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. 0.006 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

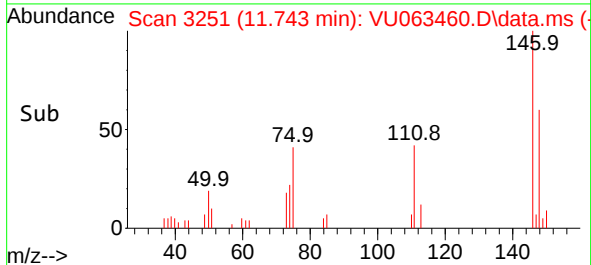
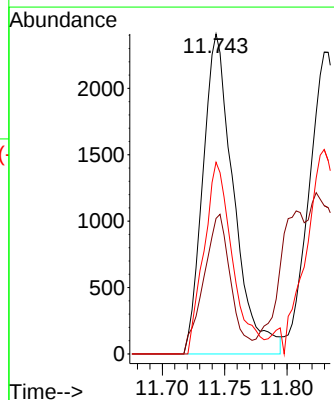
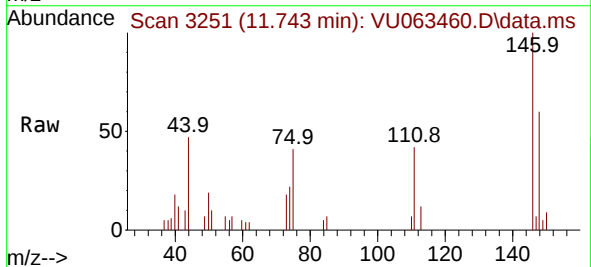
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC001

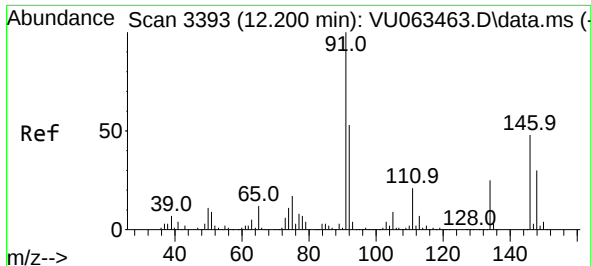
Tgt Ion:146 Resp: 4138
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.9 62.7
 148 55.9 31.9 95.9



#88
 1,4-Dichlorobenzene
 Concen: 1.097 ug/l
 RT: 11.743 min Scan# 3251
 Delta R.T. -0.084 min
 Lab File: VU063460.D
 Acq: 08 Jul 2025 11:52

Tgt Ion:146 Resp: 4138
 Ion Ratio Lower Upper
 146 100
 111 38.5 20.8 62.4
 148 55.9 31.9 95.9





#89

n-Butylbenzene

Concen: 0.994 ug/l

RT: 12.209 min Scan# 3396

Delta R.T. 0.010 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

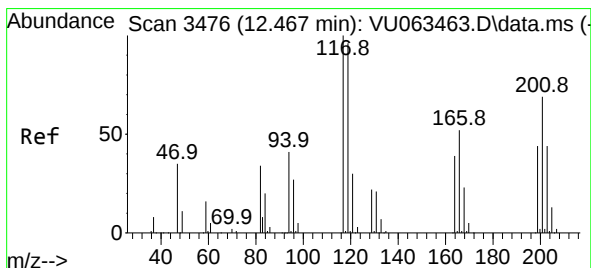
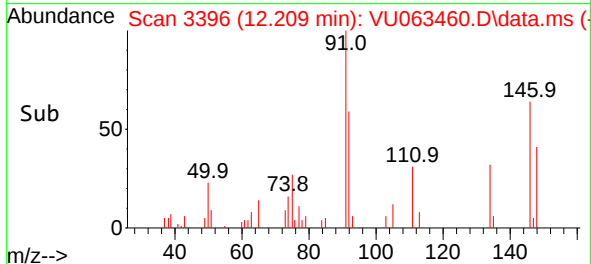
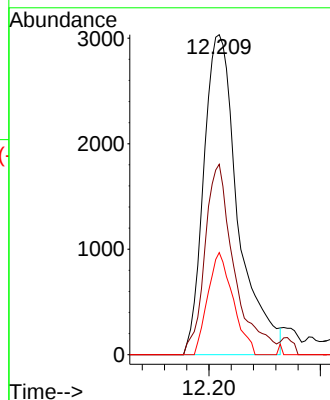
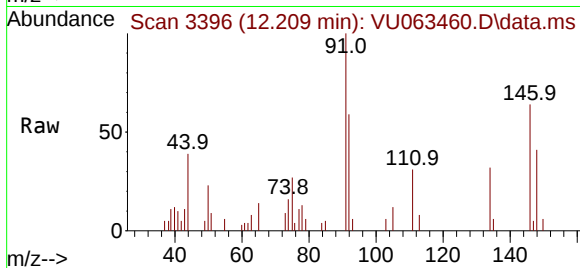
Tgt Ion: 91 Resp: 6480

Ion Ratio Lower Upper

91 100

92 51.1 26.4 79.2

134 23.5 12.4 37.0



#90

Hexachloroethane

Concen: 1.004 ug/l

RT: 12.470 min Scan# 3477

Delta R.T. 0.003 min

Lab File: VU063460.D

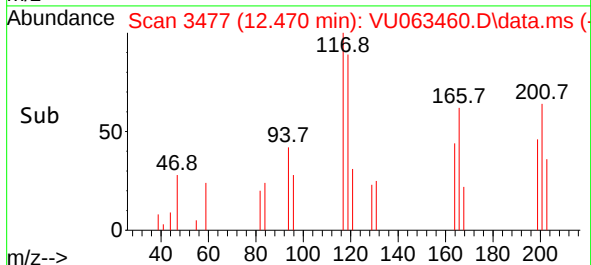
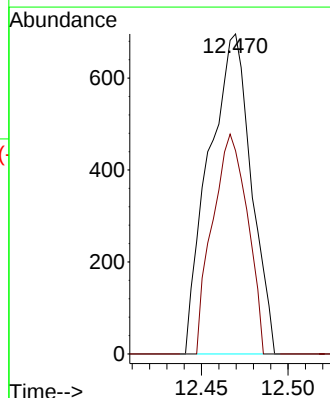
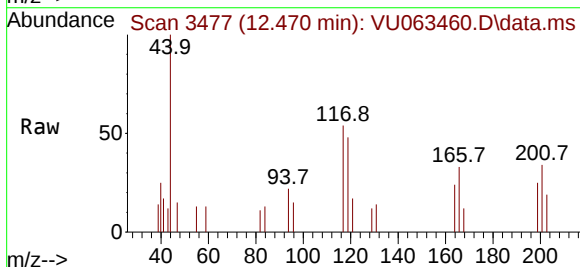
Acq: 08 Jul 2025 11:52

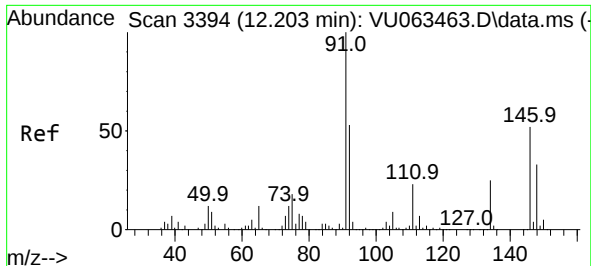
Tgt Ion: 117 Resp: 1183

Ion Ratio Lower Upper

117 100

201 56.7 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 1.047 ug/l

RT: 12.212 min Scan# 31

Delta R.T. 0.010 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

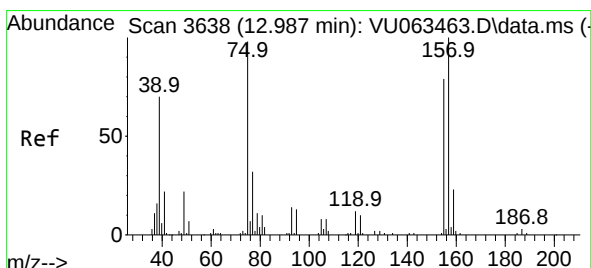
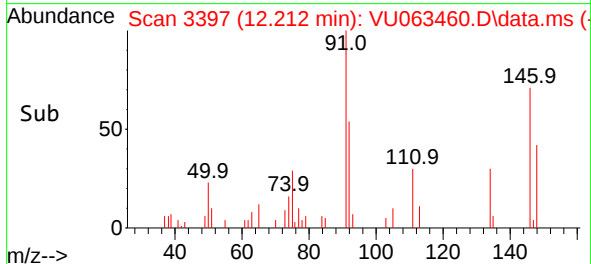
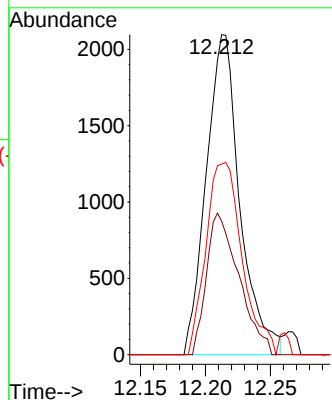
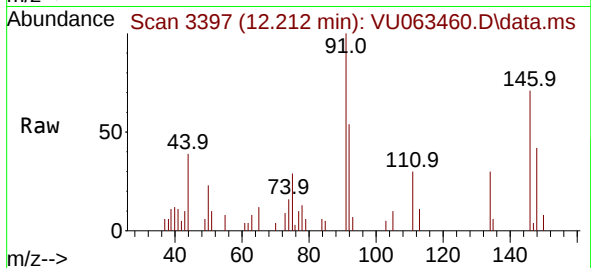
Tgt Ion:146 Resp: 3783

Ion Ratio Lower Upper

146 100

111 42.6 21.9 65.5

148 64.3 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.801 ug/l

RT: 13.003 min Scan# 3643

Delta R.T. 0.016 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

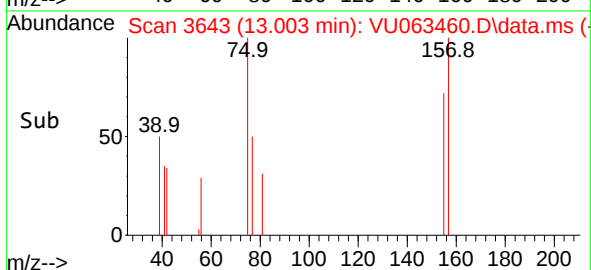
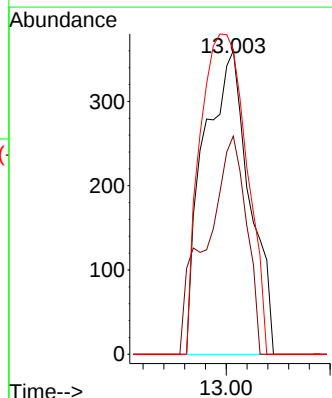
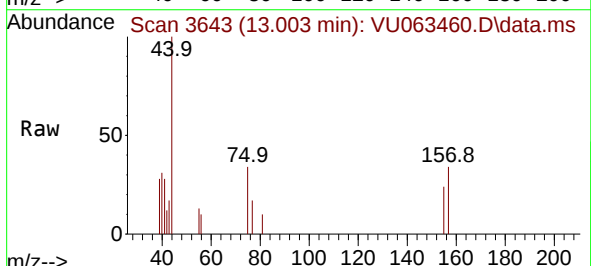
Tgt Ion: 75 Resp: 548

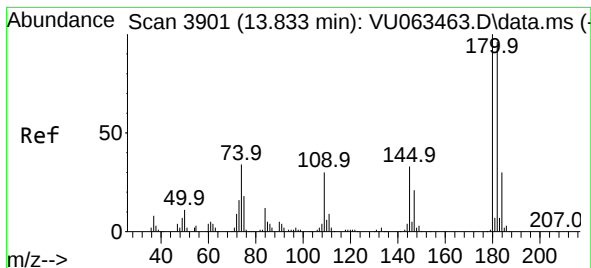
Ion Ratio Lower Upper

75 100

155 63.0 39.1 117.5

157 107.7 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 0.916 ug/l

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

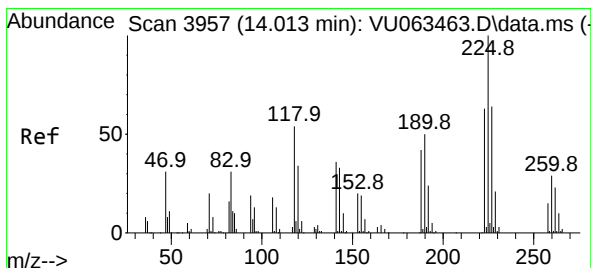
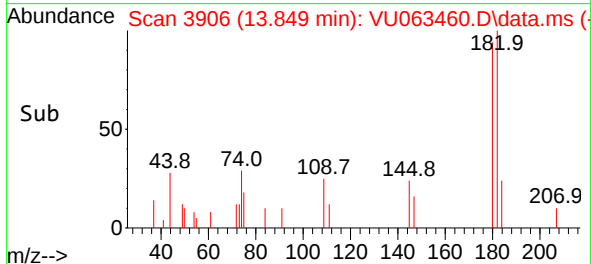
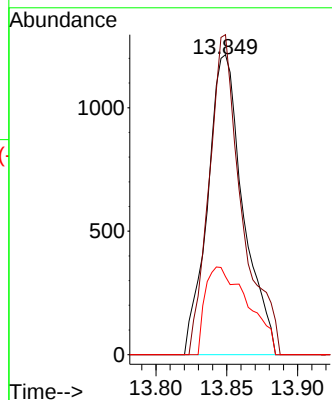
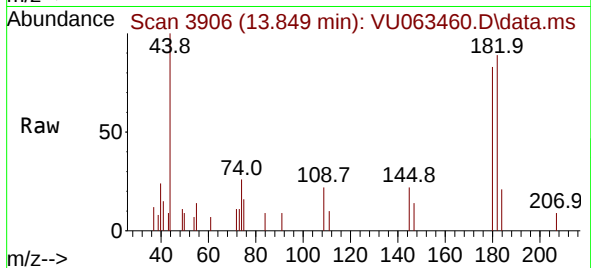
Tgt Ion:180 Resp: 2120

Ion Ratio Lower Upper

180 100

182 98.6 47.7 143.1

145 35.1 16.6 49.7



#94

Hexachlorobutadiene

Concen: 0.946 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

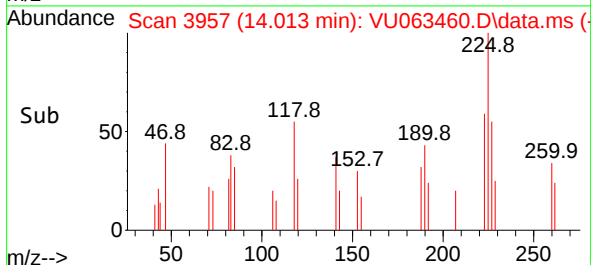
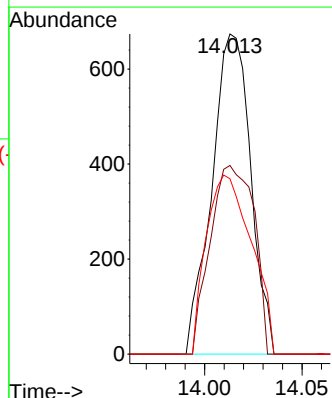
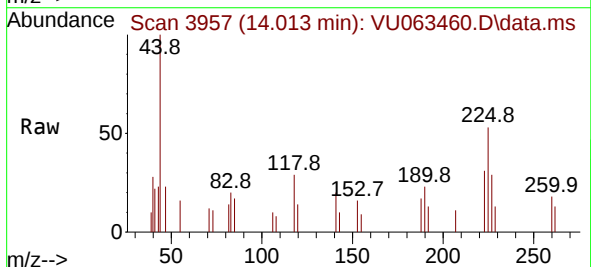
Tgt Ion:225 Resp: 936

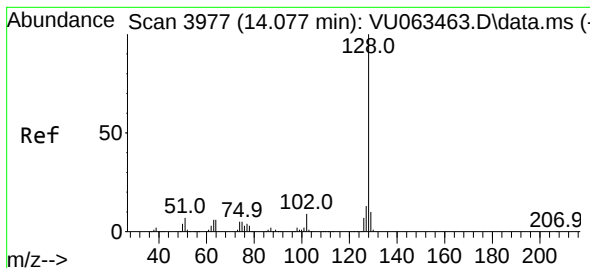
Ion Ratio Lower Upper

225 100

223 66.3 32.4 97.0

227 65.3 32.3 96.9





#95

Naphthalene

Concen: 0.916 ug/l

RT: 14.100 min Scan# 3977

Delta R.T. 0.022 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC001

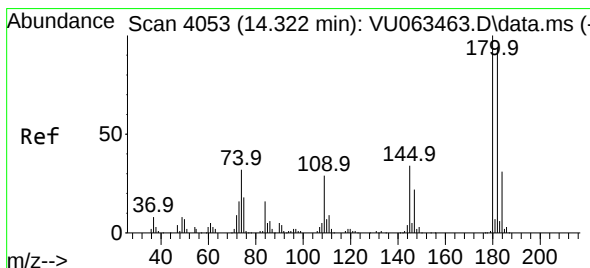
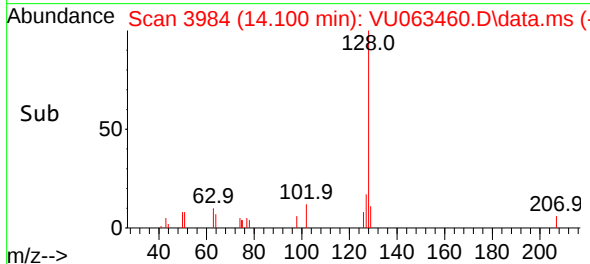
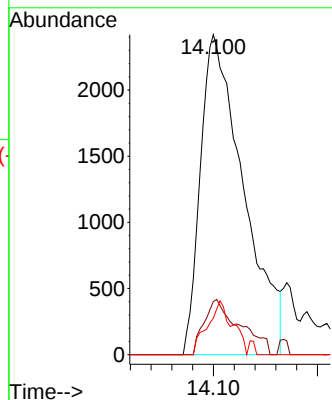
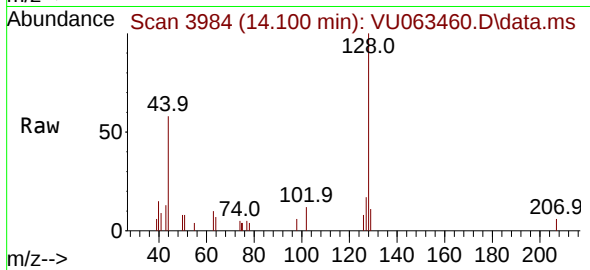
Tgt Ion:128 Resp: 6939

Ion Ratio Lower Upper

128 100

127 14.4 10.2 15.4

129 9.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 1.002 ug/l

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU063460.D

Acq: 08 Jul 2025 11:52

Tgt Ion:180 Resp: 2279

Ion Ratio Lower Upper

180 100

182 87.5 47.8 143.3

145 27.0 17.2 51.5

