

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063690.D
 Acq On : 10 Nov 2025 11:20
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 11 01:20:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	197756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	336995	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	315469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.791	152	156182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.676	65	15839	5.422	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	10.840%#		
35) Dibromofluoromethane	5.264	113	12079	5.118	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	10.240%#		
50) Toluene-d8	7.875	98	46230	5.452	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	10.900%#		
62) 4-Bromofluorobenzene	10.614	95	17877	5.097	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	10.200%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.370	85	6759	5.659	ug/l	99
3) Chloromethane	1.509	50	7341	5.783	ug/l	98
4) Vinyl Chloride	1.589	62	8510	5.793	ug/l	97
5) Bromomethane	1.827	94	7645	4.962	ug/l	89
6) Chloroethane	1.911	64	6446	5.803	ug/l	94
7) Trichlorofluoromethane	2.116	101	14325	5.097	ug/l	98
8) Diethyl Ether	2.354	74	6236	5.219	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.554	101	9734	5.451	ug/l	98
10) Methyl Iodide	2.695	142	5864	5.757	ug/l	99
11) Tert butyl alcohol	3.155	59	22578	33.126	ug/l #	80
12) 1,1-Dichloroethene	2.557	96	8229	5.352	ug/l	92
13) Acrolein	2.460	56	2594	42.128	ug/l	94
14) Allyl chloride	2.894	41	15204	5.302	ug/l	96
15) Acrylonitrile	3.290	53	35011	25.082	ug/l	99
16) Acetone	2.602	43	55607	30.612	ug/l	98
17) Carbon Disulfide	2.763	76	13380	6.731	ug/l	97
18) Methyl Acetate	2.927	43	14776	4.356	ug/l	91
19) Methyl tert-butyl Ether	3.335	73	35218	5.076	ug/l	96
20) Methylene Chloride	3.017	84	11806	5.776	ug/l	95
21) trans-1,2-Dichloroethene	3.325	96	9119	5.776	ug/l	94
22) Diisopropyl ether	3.962	45	33861	5.361	ug/l #	53
23) Vinyl Acetate	3.933	43	115991	26.927	ug/l	99
24) 1,1-Dichloroethane	3.836	63	19053	5.230	ug/l	98
25) 2-Butanone	4.682	43	54548	27.119	ug/l	99
26) 2,2-Dichloropropane	4.631	77	15088	4.822	ug/l	99
27) cis-1,2-Dichloroethene	4.637	96	12243	5.308	ug/l	98
28) Bromochloromethane	4.946	49	5951	4.083	ug/l #	95
29) Tetrahydrofuran	5.026	42	30459	26.024	ug/l	96
30) Chloroform	5.058	83	20996	5.261	ug/l	88
31) Cyclohexane	5.354	56	17864	6.149	ug/l #	77
32) 1,1,1-Trichloroethane	5.283	97	16942	5.173	ug/l	99
36) 1,1-Dichloropropene	5.499	75	12659	5.269	ug/l	96
37) Ethyl Acetate	4.791	43	16099	4.713	ug/l	99
38) Carbon Tetrachloride	5.496	117	12546	4.832	ug/l	94
39) Methylcyclohexane	6.733	83	14501	5.317	ug/l	99
40) Benzene	5.746	78	39597	5.108	ug/l	96

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 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 11 01:20:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.959	41	8608	4.869	ug/l	89
42) 1,2-Dichloroethane	5.769	62	15866	5.189	ug/l	99
43) Isopropyl Acetate	5.894	43	24043	4.822	ug/l	99
44) Trichloroethene	6.518	130	11229	5.163	ug/l	91
45) 1,2-Dichloropropane	6.762	63	10962	5.202	ug/l	92
46) Dibromomethane	6.897	93	7933	5.013	ug/l	98
47) Bromodichloromethane	7.077	83	15046	4.690	ug/l	95
48) Methyl methacrylate	6.942	41	11571	4.728	ug/l	94
49) 1,4-Dioxane	6.946	88	7452	114.931	ug/l	94
51) 4-Methyl-2-Pentanone	7.766	43	93618	24.537	ug/l	98
52) Toluene	7.946	92	26435	5.254	ug/l	98
53) t-1,3-Dichloropropene	8.190	75	13055	4.832	ug/l	94
54) cis-1,3-Dichloropropene	7.582	75	14754	4.873	ug/l	94
55) 1,1,2-Trichloroethane	8.376	97	11057	4.789	ug/l	98
56) Ethyl methacrylate	8.315	69	15393	4.519	ug/l	98
57) 1,3-Dichloropropane	8.550	76	18688	4.962	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.457	63	501	12.230	ug/l #	57
59) 2-Hexanone	8.663	43	68816	24.216	ug/l	100
60) Dibromochloromethane	8.785	129	11200	4.632	ug/l	96
61) 1,2-Dibromoethane	8.901	107	11040	4.962	ug/l	96
64) Tetrachloroethene	8.531	164	10468	5.143	ug/l	98
65) Chlorobenzene	9.425	112	31540	5.117	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.508	131	10507	5.011	ug/l	98
67) Ethyl Benzene	9.547	91	51598	5.025	ug/l	97
68) m/p-Xylenes	9.672	106	37236	9.825	ug/l	97
69) o-Xylene	10.077	106	19303	4.936	ug/l	99
70) Styrene	10.093	104	29744	4.735	ug/l	99
71) Bromoform	10.264	173	7289	4.317	ug/l #	97
73) Isopropylbenzene	10.460	105	51790	5.278	ug/l	99
74) N-amyl acetate	10.302	43	16667	4.875	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.759	83	19768	5.246	ug/l	94
76) 1,2,3-Trichloropropane	10.801	75	19980	5.187	ug/l #	100
77) Bromobenzene	10.762	156	13093	5.303	ug/l	98
78) n-propylbenzene	10.884	91	55194	4.903	ug/l	99
79) 2-Chlorotoluene	10.965	91	37846	5.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.064	105	41970	5.101	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.524	75	3380	4.575	ug/l #	83
82) 4-Chlorotoluene	11.077	91	41820	5.058	ug/l	100
83) tert-Butylbenzene	11.396	119	43813	5.112	ug/l	96
84) 1,2,4-Trimethylbenzene	11.444	105	40076	4.964	ug/l	99
85) sec-Butylbenzene	11.621	105	55499	5.126	ug/l	99
86) p-Isopropyltoluene	11.769	119	43388	4.992	ug/l	97
87) 1,3-Dichlorobenzene	11.724	146	23973	5.169	ug/l	99
88) 1,4-Dichlorobenzene	11.814	146	25087	5.170	ug/l	90
89) n-Butylbenzene	12.187	91	38692	4.848	ug/l	97
90) Hexachloroethane	12.450	117	6699	5.053	ug/l	91
91) 1,2-Dichlorobenzene	12.190	146	23414	5.056	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.971	75	3475	4.501	ug/l	94
93) 1,2,4-Trichlorobenzene	13.820	180	12705	4.303	ug/l	99
94) Hexachlorobutadiene	13.994	225	7065	4.749	ug/l	96
95) Naphthalene	14.068	128	31409	3.927	ug/l	100
96) 1,2,3-Trichlorobenzene	14.309	180	11838	4.313	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

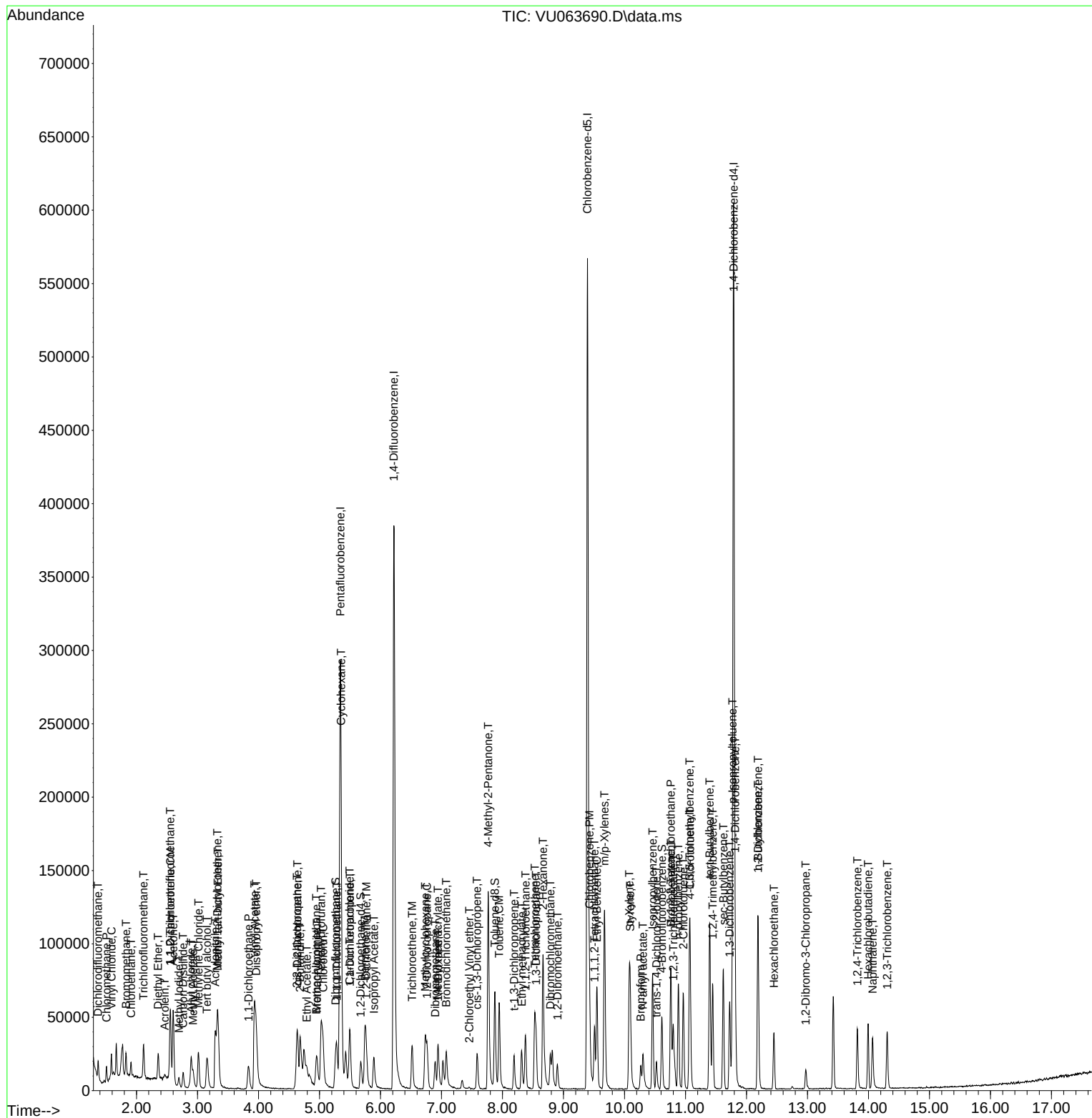
Quant Time: Nov 11 01:20:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:18:58 2025
Response via : Initial Calibration

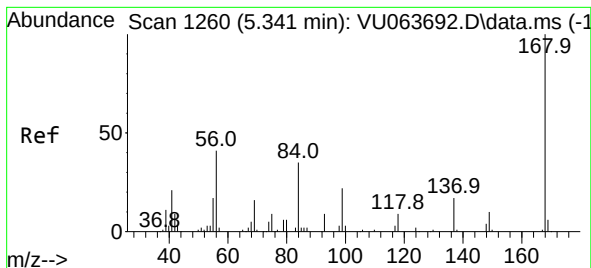
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Nov 11 01:20:22 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 11 01:18:58 2025
Response via : Initial Calibration

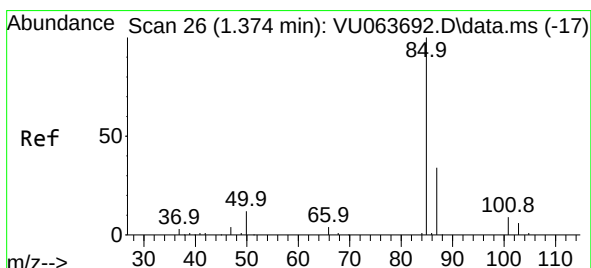
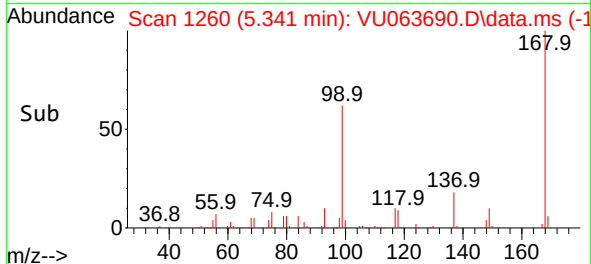
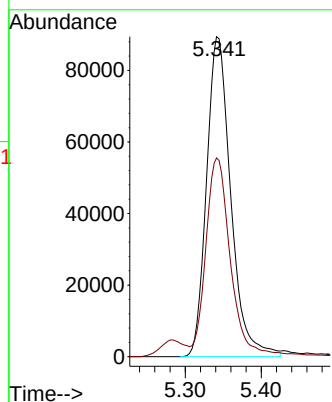
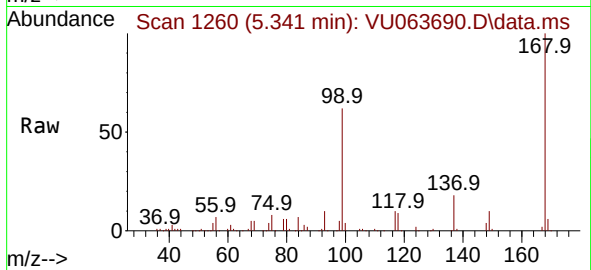




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063690.D
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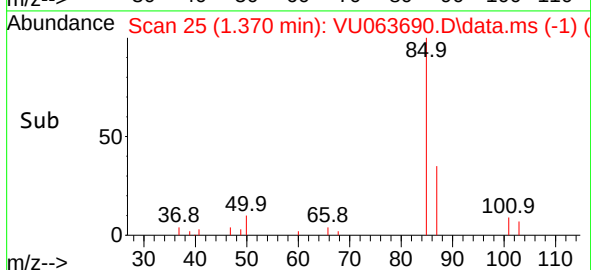
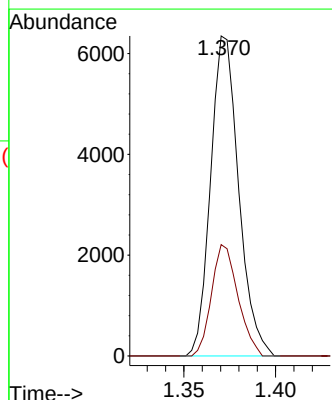
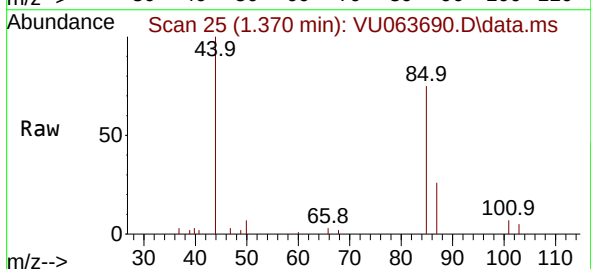
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

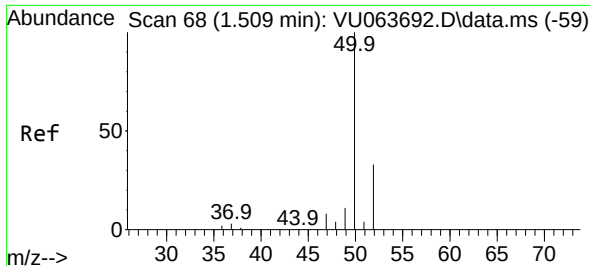
Tgt Ion:168 Resp: 197756
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 5.659 ug/l
RT: 1.370 min Scan# 25
Delta R.T. -0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 85 Resp: 6759
Ion Ratio Lower Upper
85 100
87 34.8 17.0 51.0

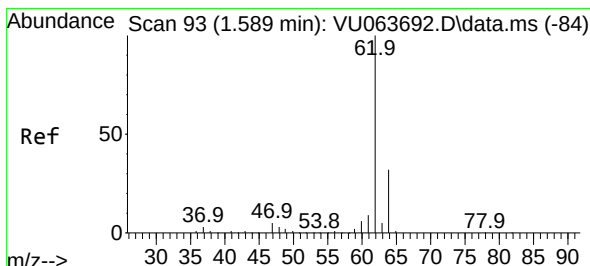
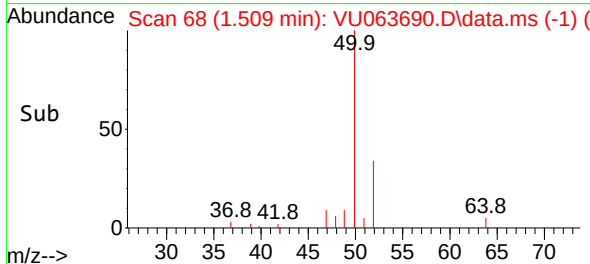
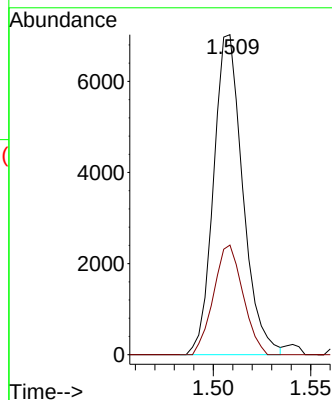
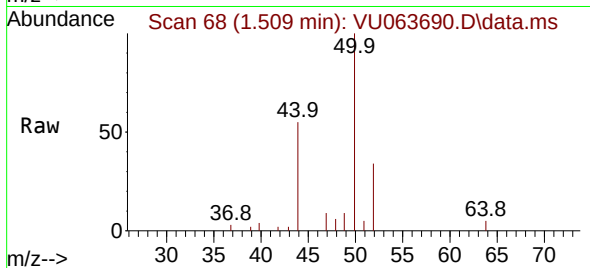




#3
Chloromethane
Concen: 5.783 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

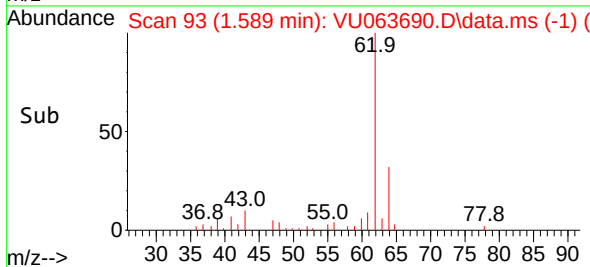
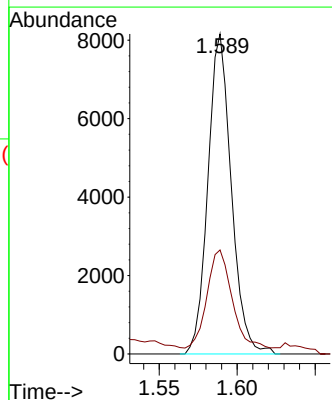
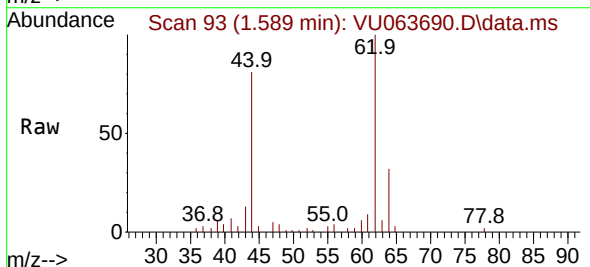
Instrument :
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ClientSampleId :
VSTDIC005

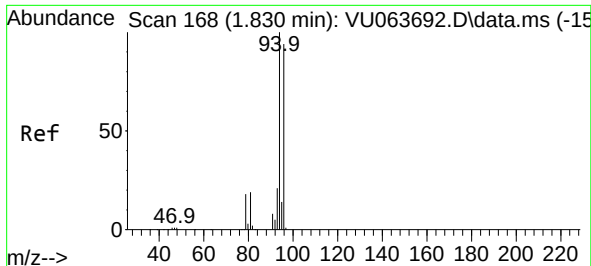
Tgt Ion: 50 Resp: 7341
Ion Ratio Lower Upper
50 100
52 34.2 26.3 39.5



#4
Vinyl Chloride
Concen: 5.793 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 62 Resp: 8510
Ion Ratio Lower Upper
62 100
64 30.5 25.9 38.9

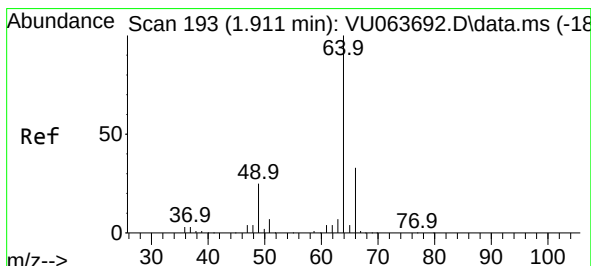
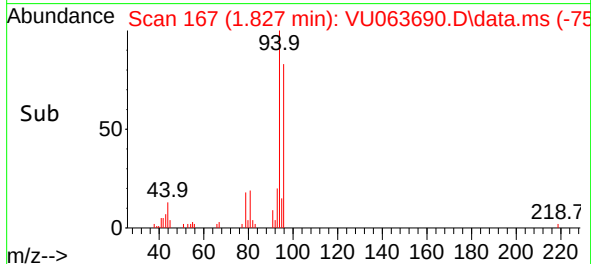
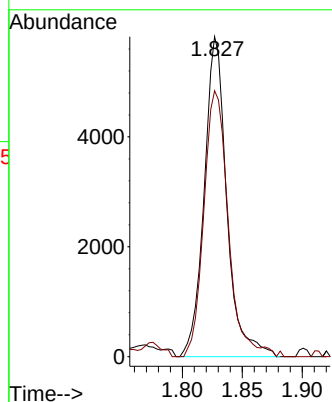
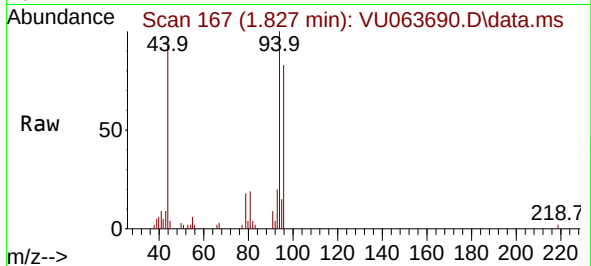




#5
Bromomethane
Concen: 4.962 ug/l
RT: 1.827 min Scan# 167
Delta R.T. -0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

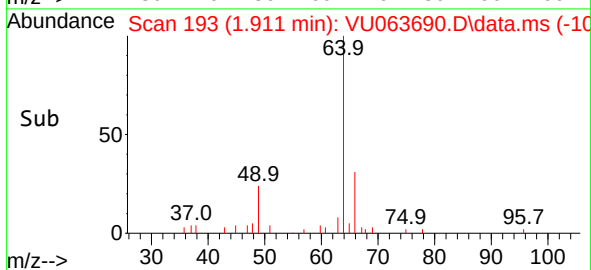
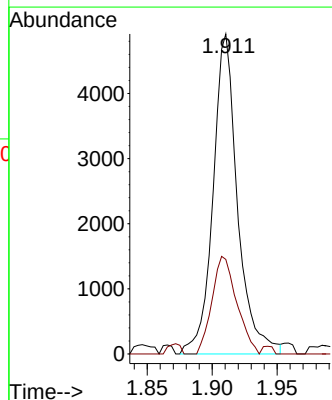
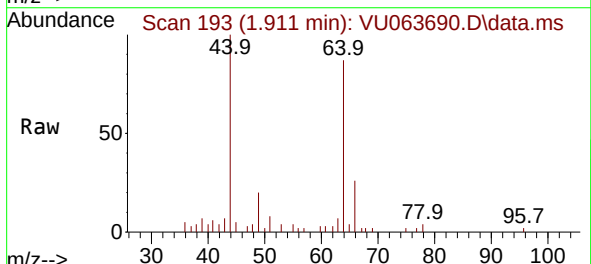
Instrument :
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ClientSampleId :
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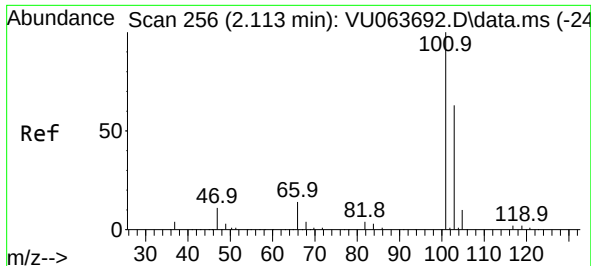
Tgt Ion: 94 Resp: 7645
Ion Ratio Lower Upper
94 100
96 83.1 74.8 112.2



#6
Chloroethane
Concen: 5.803 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 64 Resp: 6446
Ion Ratio Lower Upper
64 100
66 29.5 26.4 39.6

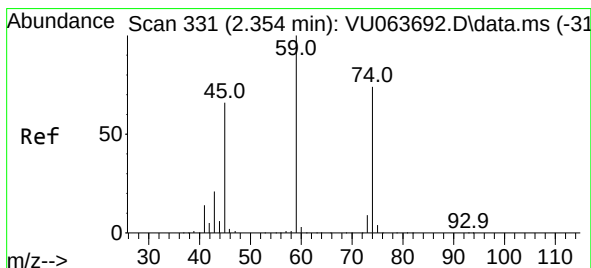
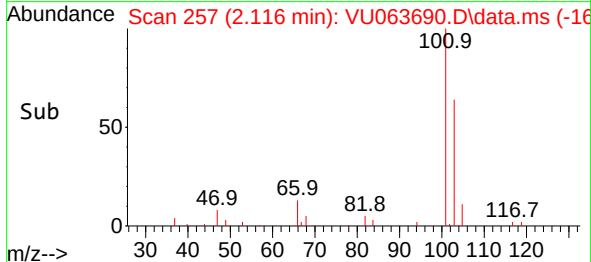
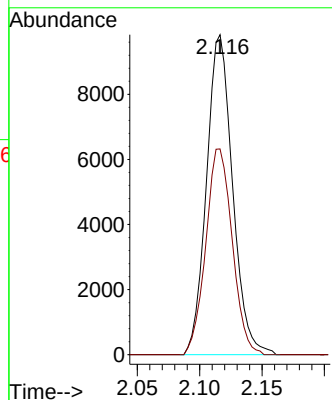
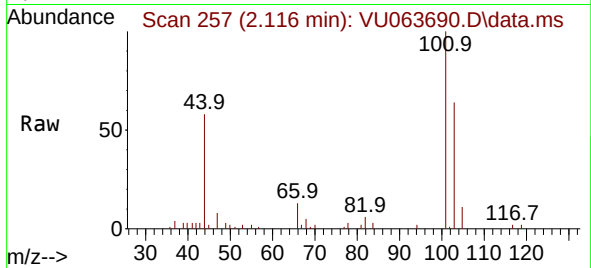




#7
Trichlorofluoromethane
Concen: 5.097 ug/l
RT: 2.116 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

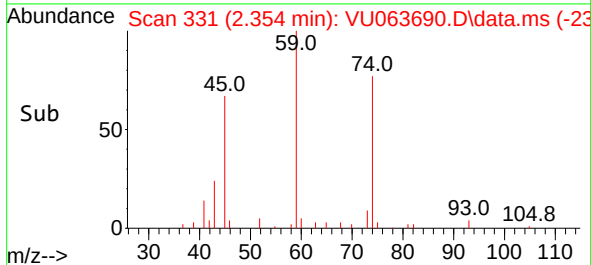
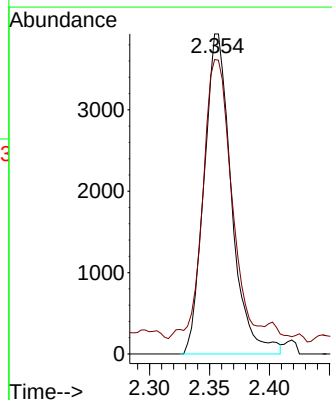
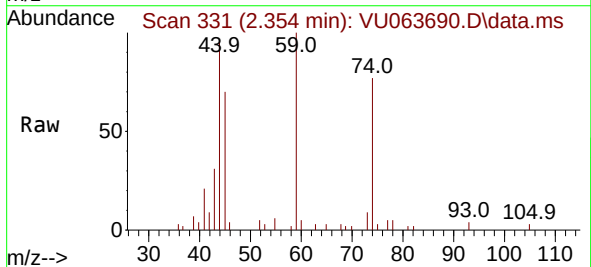
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

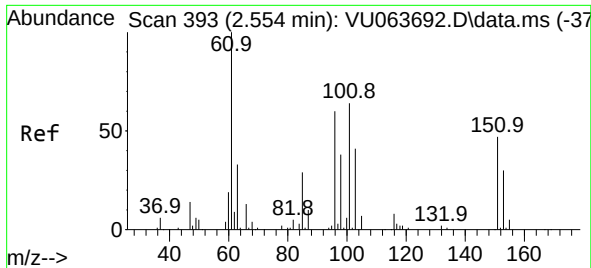
Tgt Ion:101 Resp: 14325
Ion Ratio Lower Upper
101 100
103 64.3 50.3 75.5



#8
Diethyl Ether
Concen: 5.219 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 74 Resp: 6236
Ion Ratio Lower Upper
74 100
45 90.6 44.1 132.4

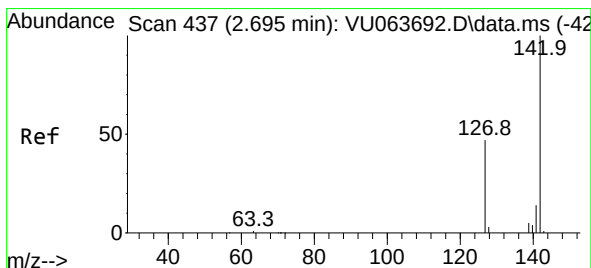
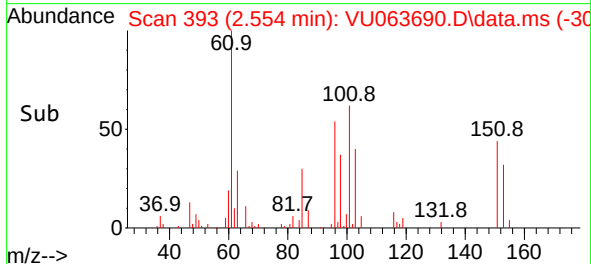
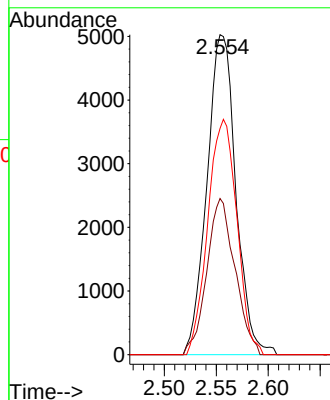
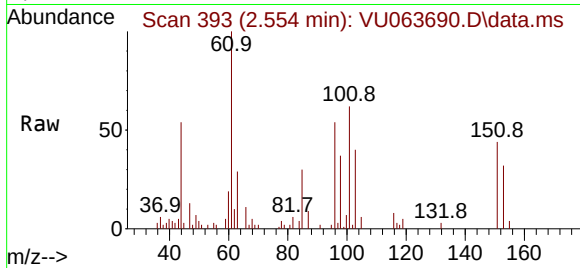




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.451 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

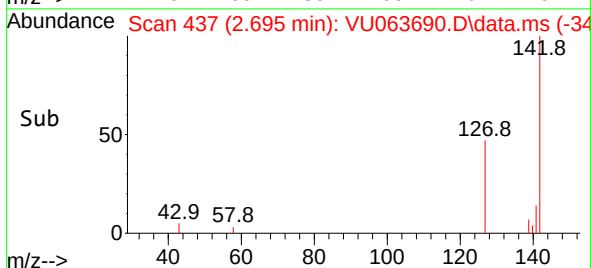
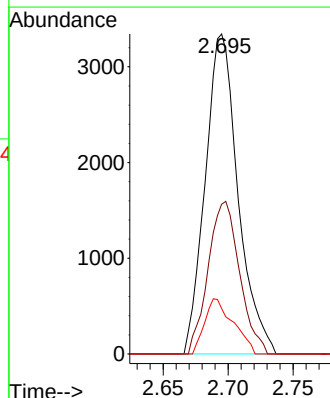
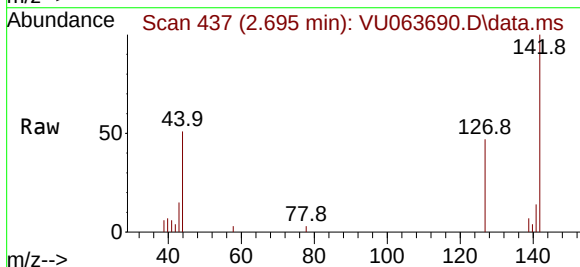
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

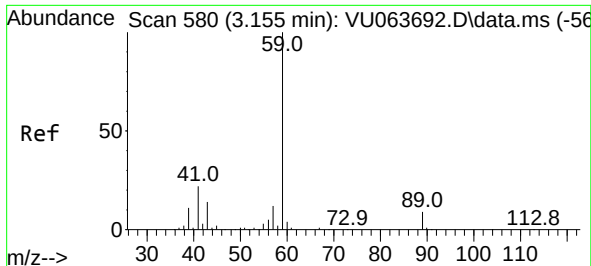
Tgt Ion:101	Resp:	9734
Ion	Ratio	Lower Upper
101	100	
85	47.4	36.2 54.4
151	73.9	58.5 87.7



#10
Methyl Iodide
Concen: 5.757 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:142	Resp:	5864
Ion	Ratio	Lower Upper
142	100	
127	45.7	37.2 55.8
141	15.1	11.4 17.0





#11

Tert butyl alcohol

Concen: 33.126 ug/l

RT: 3.155 min Scan# 580

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

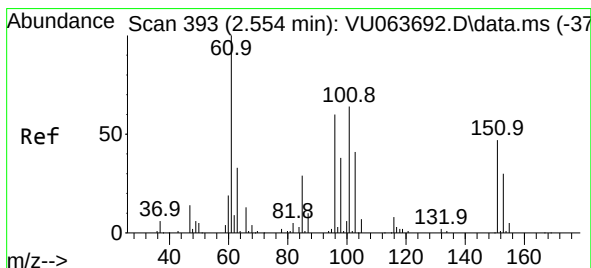
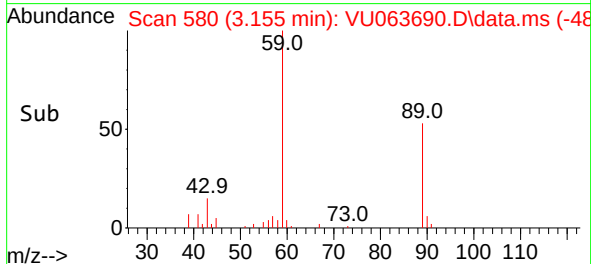
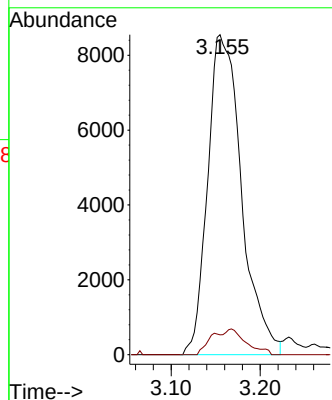
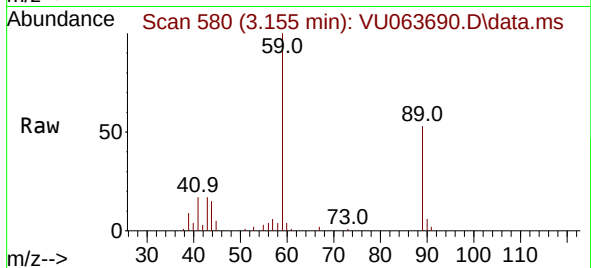
VSTDIC005

Tgt Ion: 59 Resp: 22578

Ion Ratio Lower Upper

59 100

57 2.7 8.2 12.2#



#12

1,1-Dichloroethene

Concen: 5.352 ug/l

RT: 2.557 min Scan# 394

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

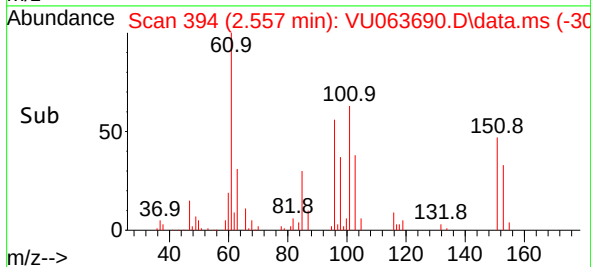
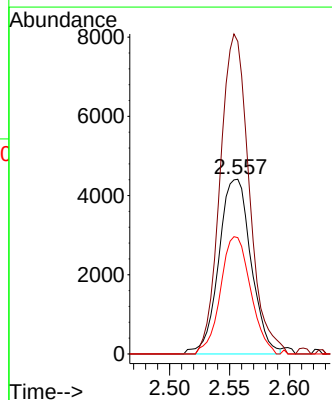
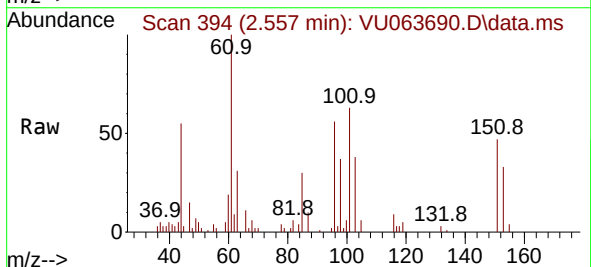
Tgt Ion: 96 Resp: 8229

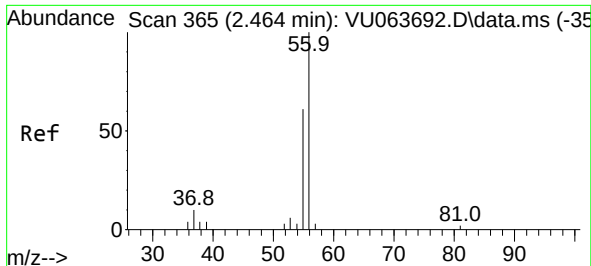
Ion Ratio Lower Upper

96 100

61 178.8 133.1 199.7

98 66.5 50.7 76.1





#13

Acrolein

Concen: 42.128 ug/l

RT: 2.460 min Scan# 3

Delta R.T. -0.004 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

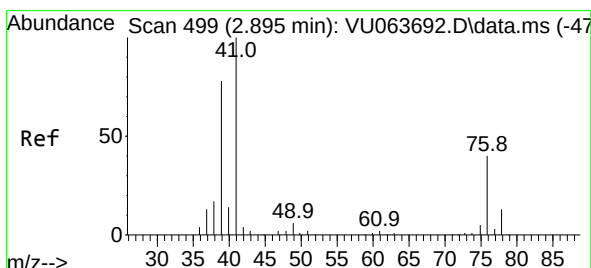
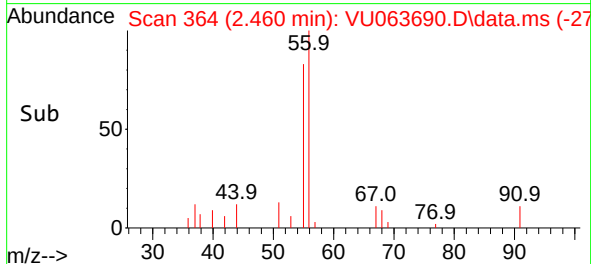
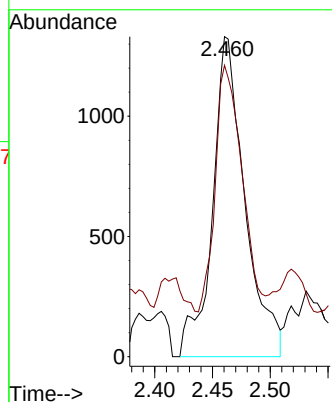
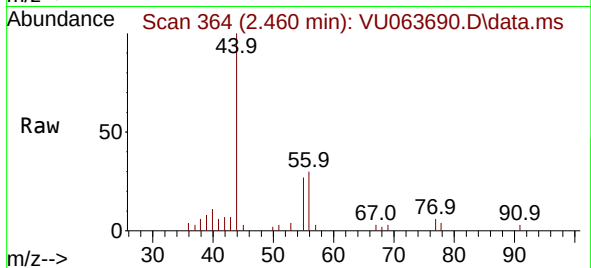
VSTDIC005

Tgt Ion: 56 Resp: 2594

Ion Ratio Lower Upper

56 100

55 63.1 47.1 70.7



#14

Allyl chloride

Concen: 5.302 ug/l

RT: 2.894 min Scan# 499

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

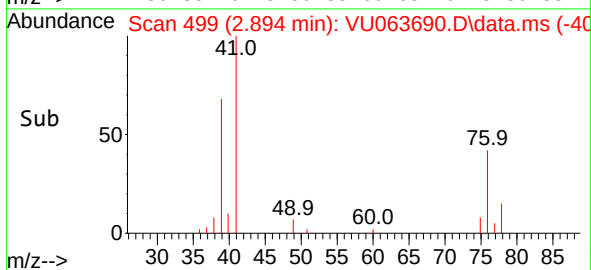
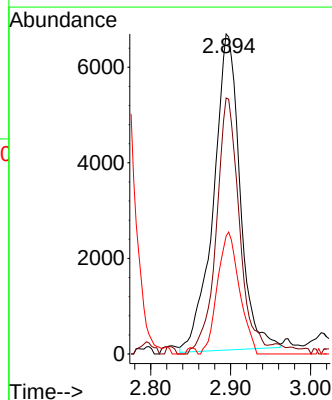
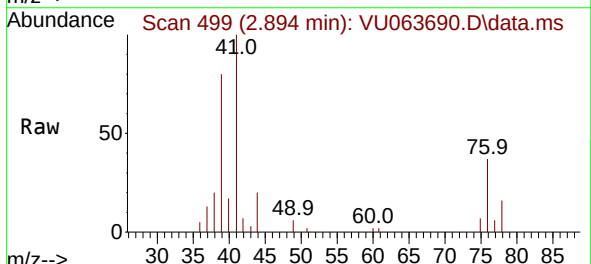
Tgt Ion: 41 Resp: 15204

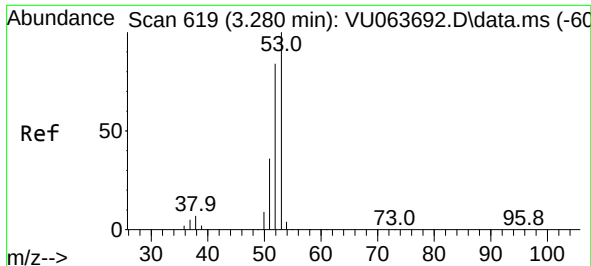
Ion Ratio Lower Upper

41 100

39 70.5 53.1 79.7

76 31.9 26.4 39.6

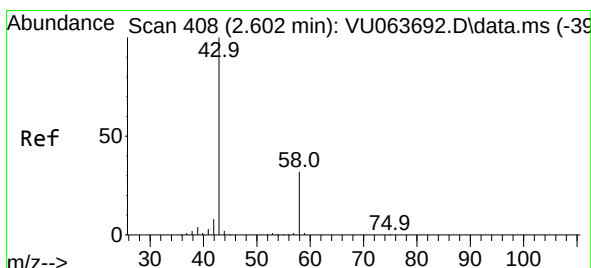
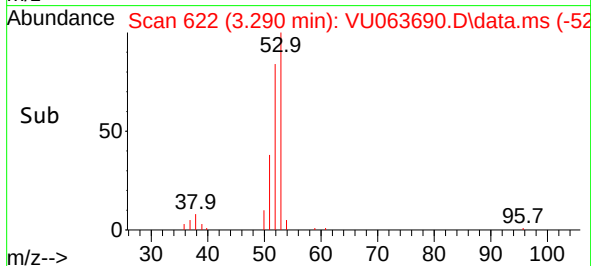
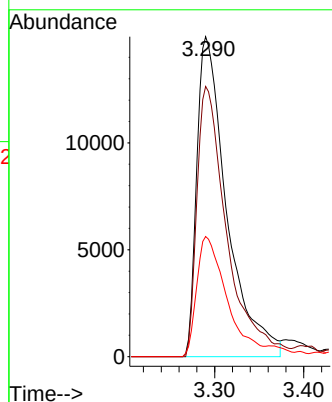
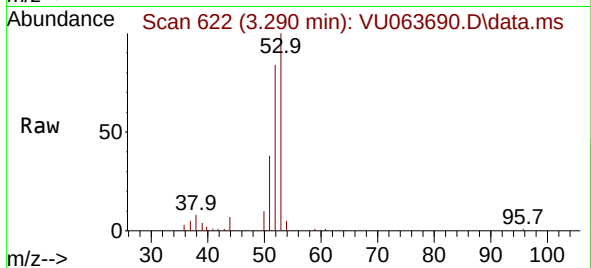




#15
Acrylonitrile
Concen: 25.082 ug/l
RT: 3.290 min Scan# 619
Delta R.T. 0.009 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

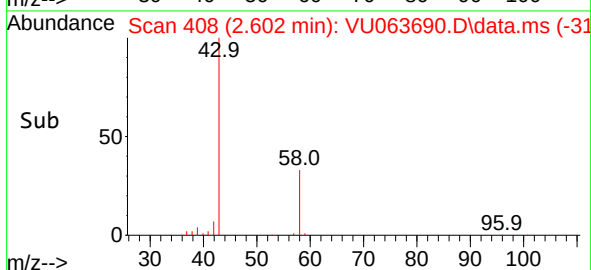
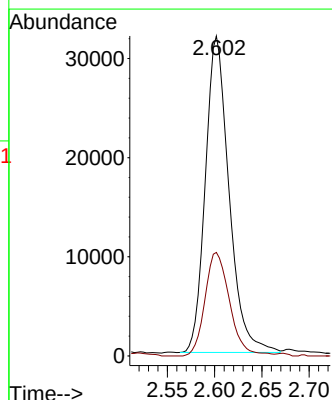
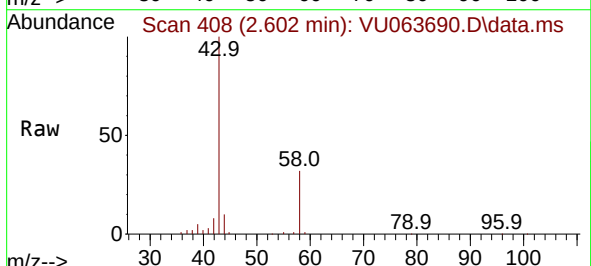
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

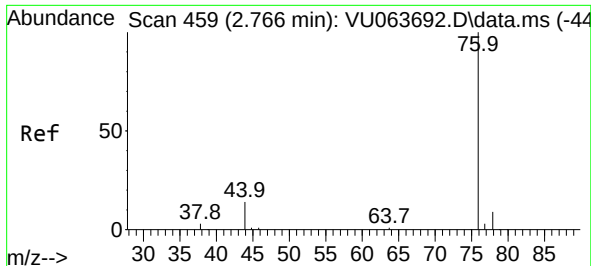
Tgt Ion: 53	Resp: 35011
Ion Ratio	Lower Upper
53	100
52	84.4 67.5 101.3
51	37.5 29.0 43.6



#16
Acetone
Concen: 30.612 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 43	Resp: 55607
Ion Ratio	Lower Upper
43	100
58	32.7 25.4 38.2

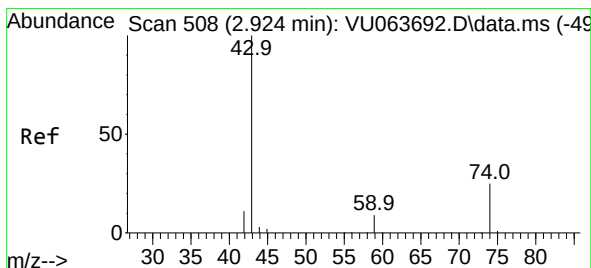
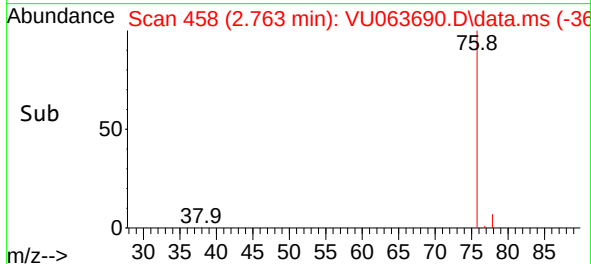
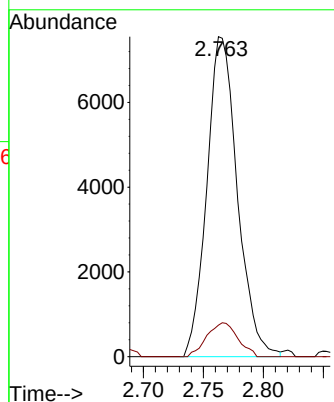
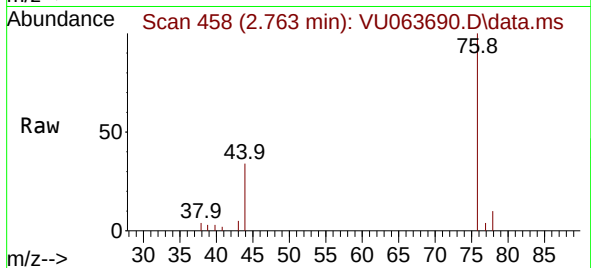




#17
Carbon Disulfide
Concen: 6.731 ug/l
RT: 2.763 min Scan# 411
Delta R.T. -0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

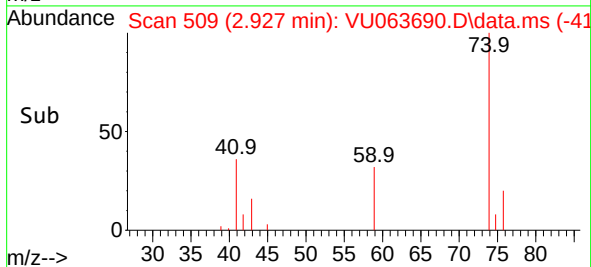
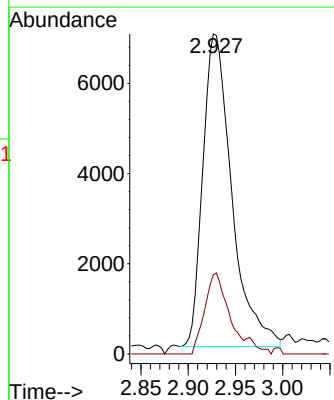
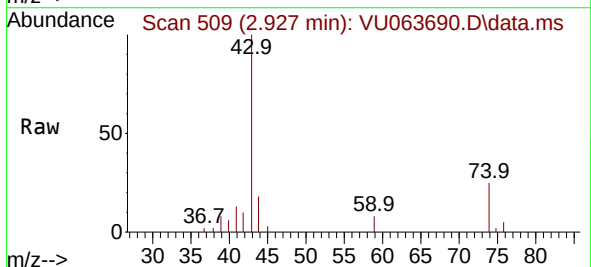
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

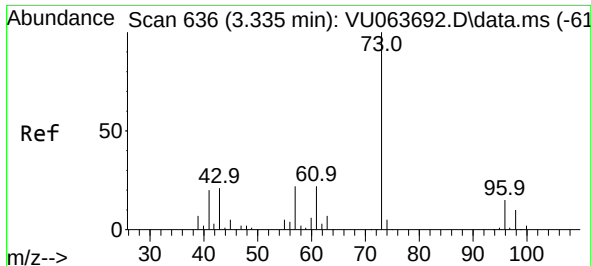
Tgt Ion: 76 Resp: 13380
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.6



#18
Methyl Acetate
Concen: 4.356 ug/l
RT: 2.927 min Scan# 509
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 43 Resp: 14776
Ion Ratio Lower Upper
43 100
74 21.0 20.6 31.0

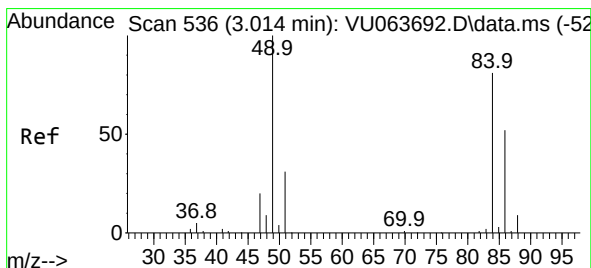
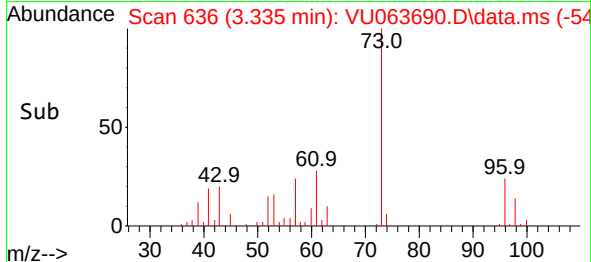
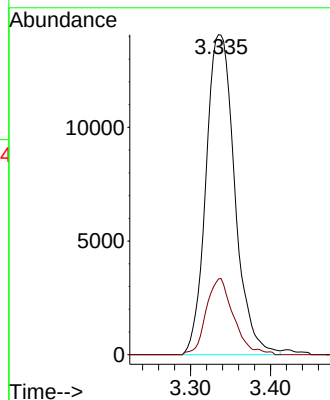
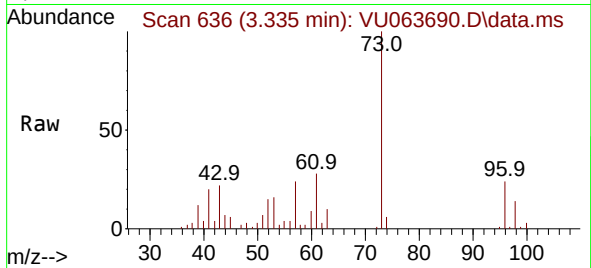




#19
Methyl tert-butyl Ether
Concen: 5.076 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

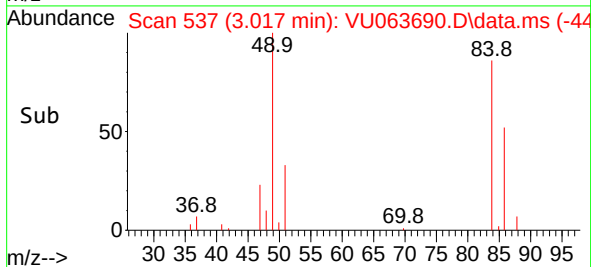
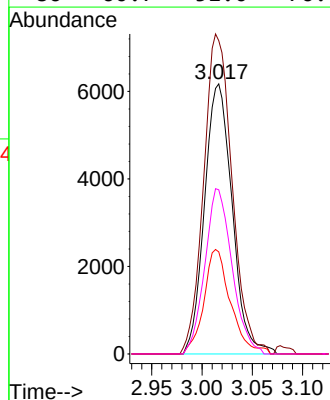
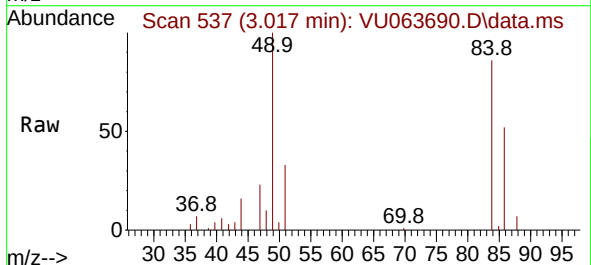
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

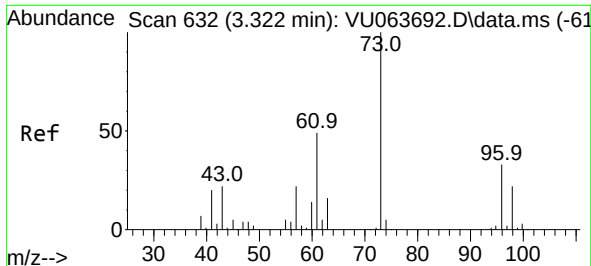
Tgt Ion: 73 Resp: 35218
Ion Ratio Lower Upper
73 100
57 23.6 17.4 26.2



#20
Methylene Chloride
Concen: 5.776 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 84 Resp: 11806
Ion Ratio Lower Upper
84 100
49 116.0 98.4 147.6
51 37.8 30.1 45.1
86 60.7 51.0 76.6

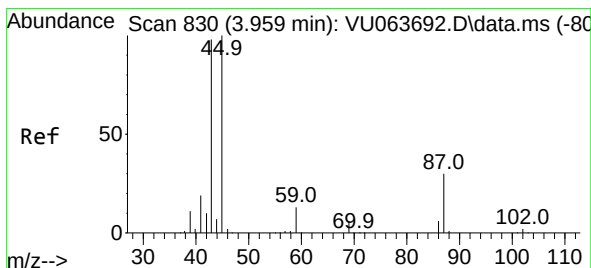
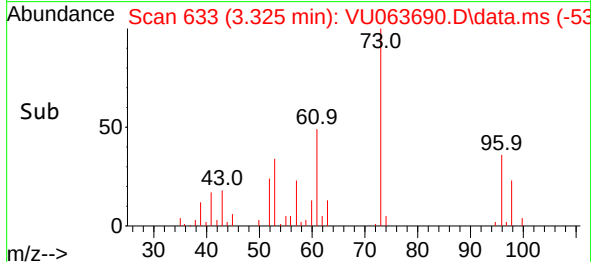
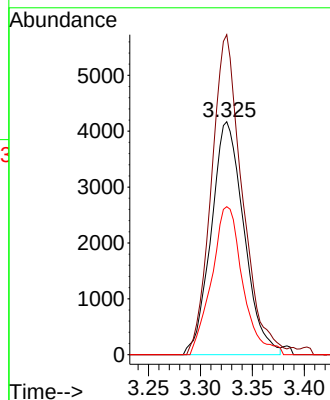
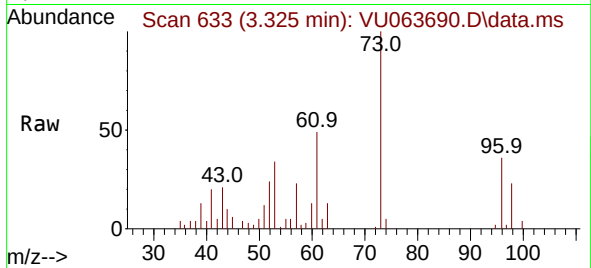




#21
trans-1,2-Dichloroethene
Concen: 5.776 ug/l
RT: 3.325 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

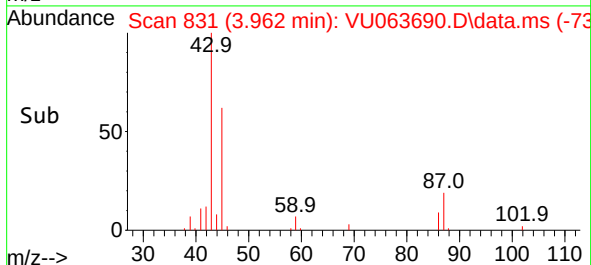
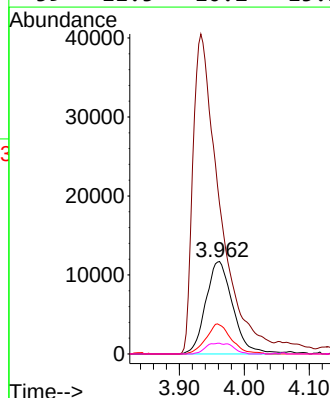
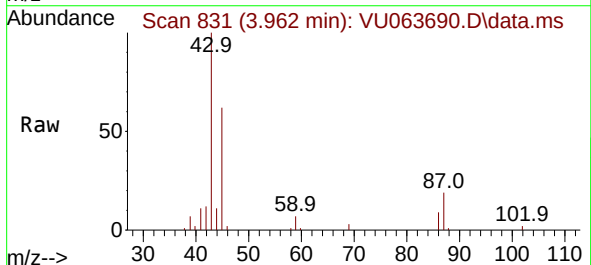
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

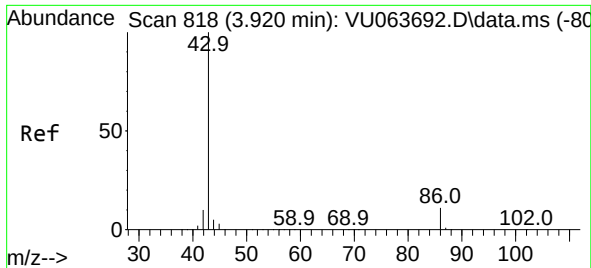
Tgt Ion: 96 Resp: 9119
Ion Ratio Lower Upper
96 100
61 137.3 117.5 176.3
98 63.5 52.7 79.1



#22
Diisopropyl ether
Concen: 5.361 ug/l
RT: 3.962 min Scan# 831
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 45 Resp: 33861
Ion Ratio Lower Upper
45 100
43 162.3 78.1 117.1#
87 31.4 23.8 35.8
59 11.5 10.2 15.2

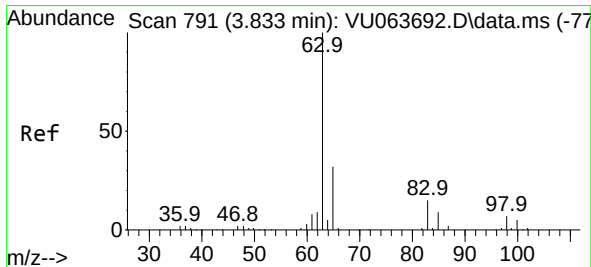
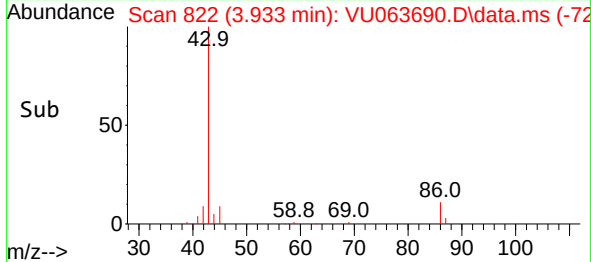
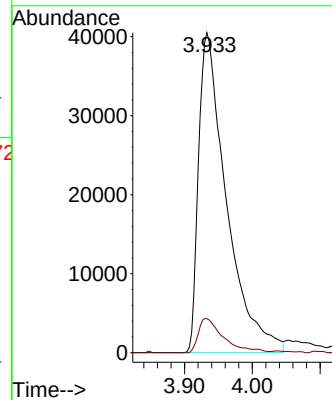
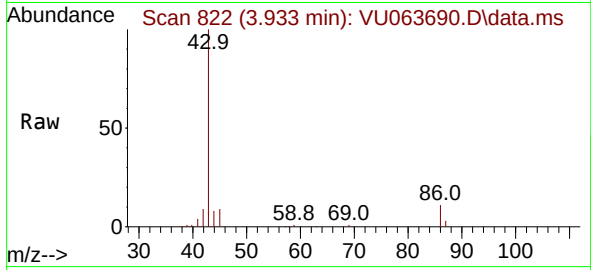




#23
 Vinyl Acetate
 Concen: 26.927 ug/l
 RT: 3.933 min Scan# 818
 Delta R.T. 0.013 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

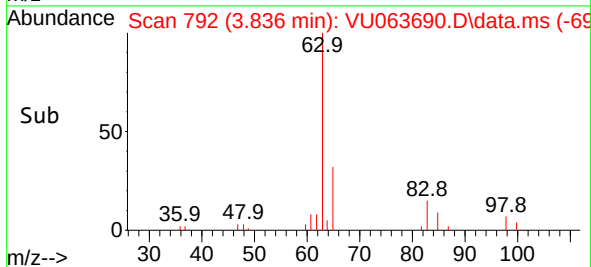
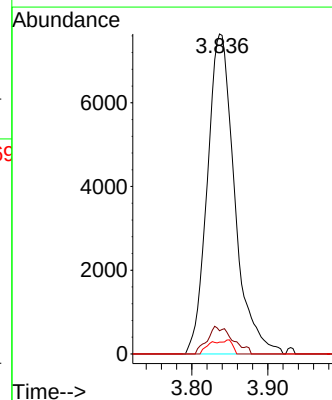
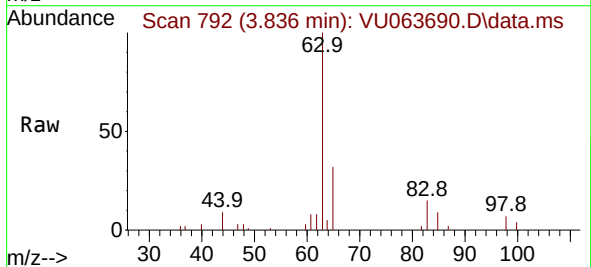
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

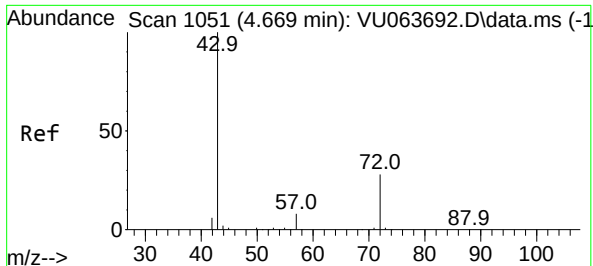
Tgt Ion: 43 Resp: 115991
 Ion Ratio Lower Upper
 43 100
 86 10.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 5.230 ug/l
 RT: 3.836 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion: 63 Resp: 19053
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.7 11.1
 100 3.7 2.5 7.5

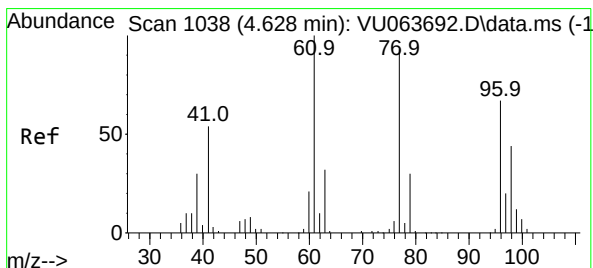
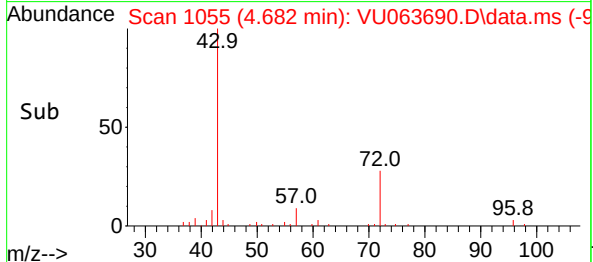
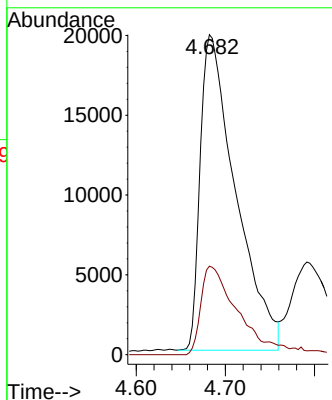
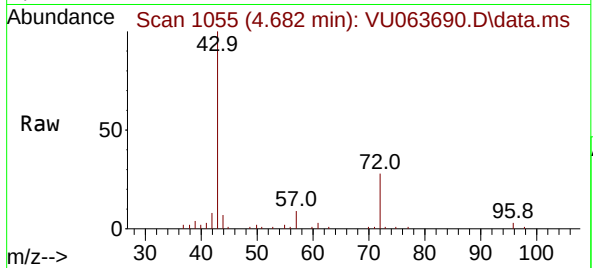




#25
2-Butanone
Concen: 27.119 ug/l
RT: 4.682 min Scan# 1055
Delta R.T. 0.013 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

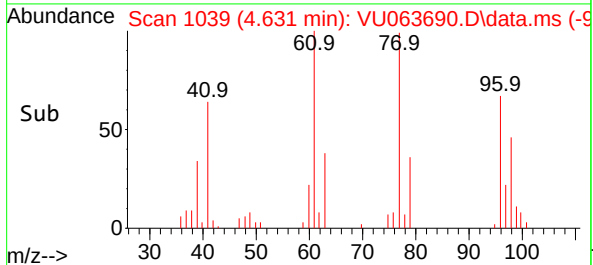
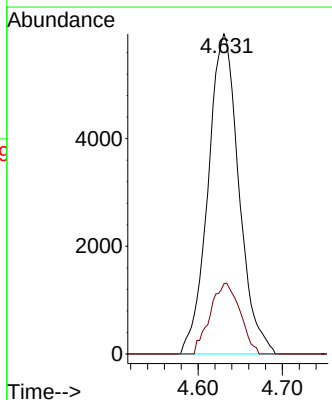
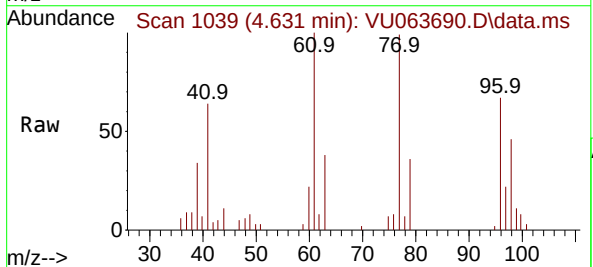
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

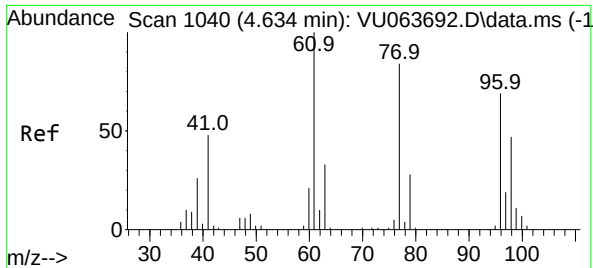
Tgt Ion: 43 Resp: 54548
Ion Ratio Lower Upper
43 100
72 28.1 22.0 33.0



#26
2,2-Dichloropropane
Concen: 4.822 ug/l
RT: 4.631 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 77 Resp: 15088
Ion Ratio Lower Upper
77 100
97 21.4 10.9 32.9

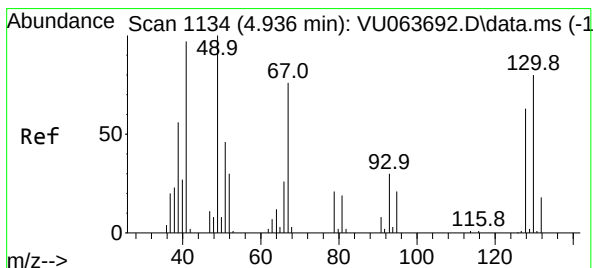
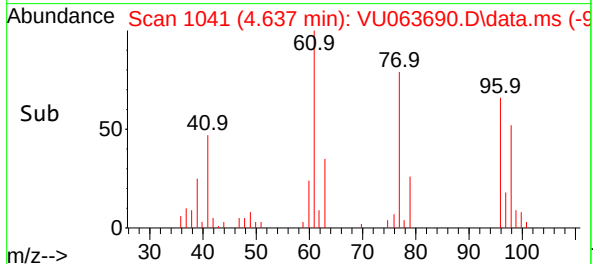
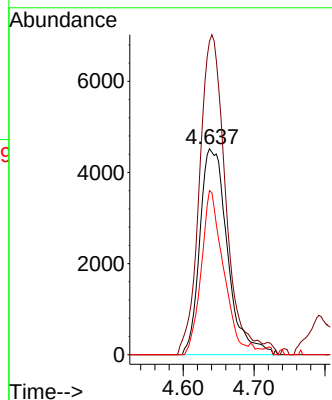
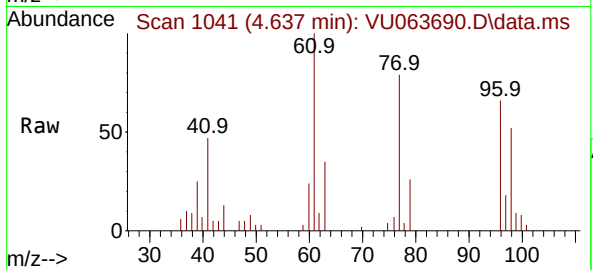




#27
 cis-1,2-Dichloroethene
 Concen: 5.308 ug/l
 RT: 4.637 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

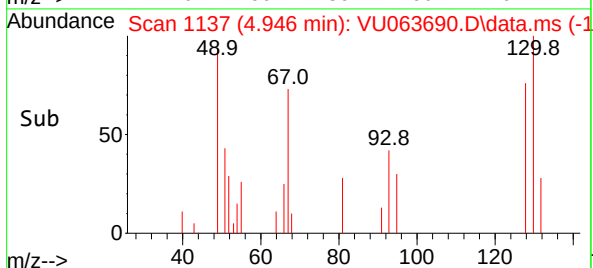
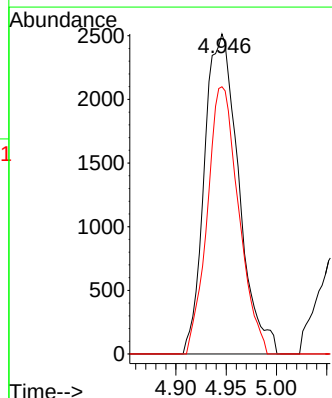
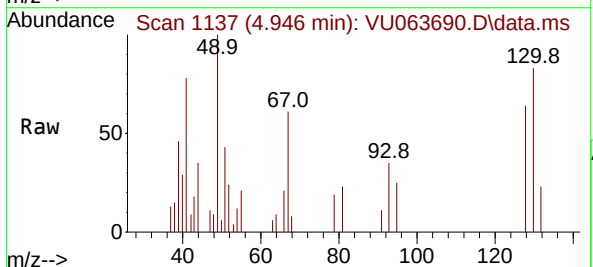
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

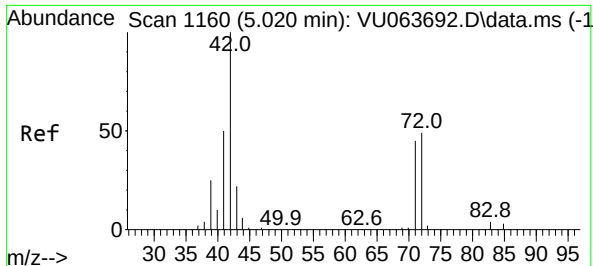
Tgt Ion: 96 Resp: 12243
 Ion Ratio Lower Upper
 96 100
 61 146.3 0.0 295.4
 98 63.8 0.0 131.8



#28
 Bromochloromethane
 Concen: 4.083 ug/l
 RT: 4.946 min Scan# 1137
 Delta R.T. 0.009 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion: 49 Resp: 5951
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.6
 130 76.6 65.1 97.7





#29

Tetrahydrofuran

Concen: 26.024 ug/l

RT: 5.026 min Scan# 1160

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

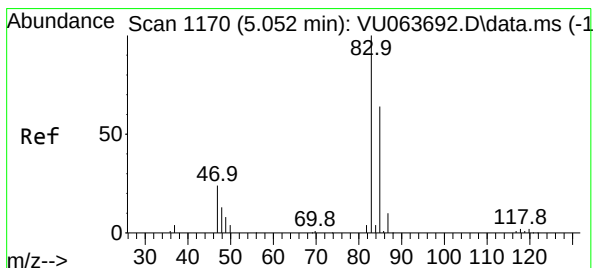
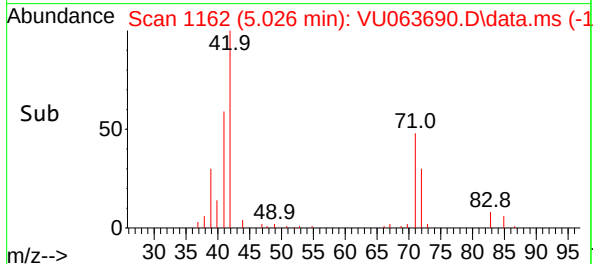
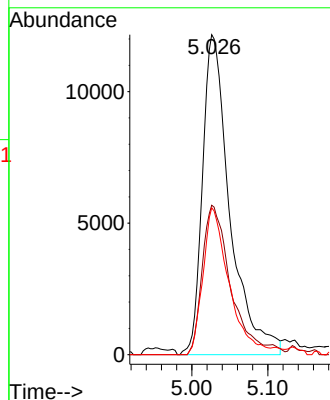
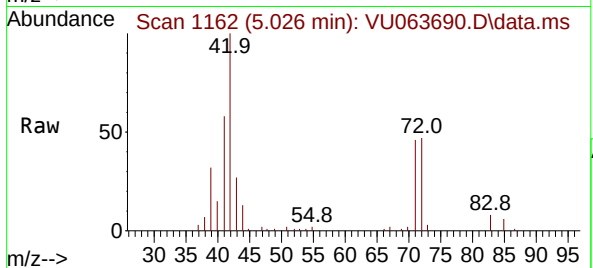
Tgt Ion: 42 Resp: 30459

Ion Ratio Lower Upper

42 100

72 47.8 40.0 60.0

71 43.7 37.4 56.0



#30

Chloroform

Concen: 5.261 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063690.D

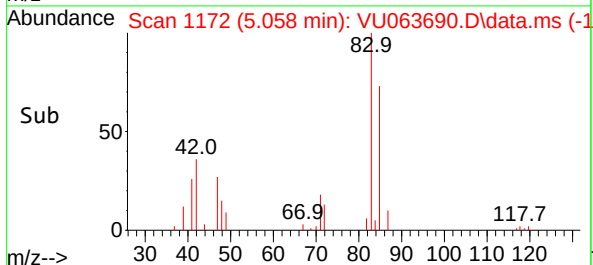
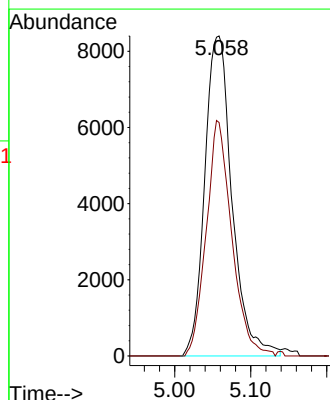
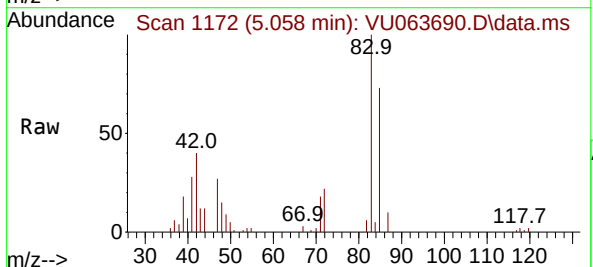
Acq: 10 Nov 2025 11:20

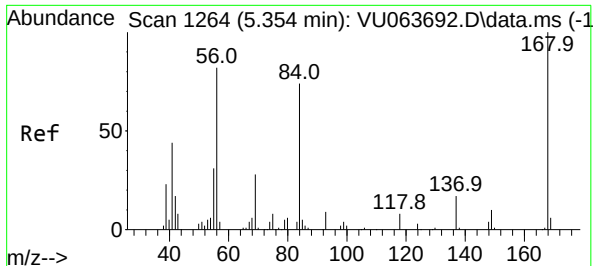
Tgt Ion: 83 Resp: 20996

Ion Ratio Lower Upper

83 100

85 72.9 51.0 76.6

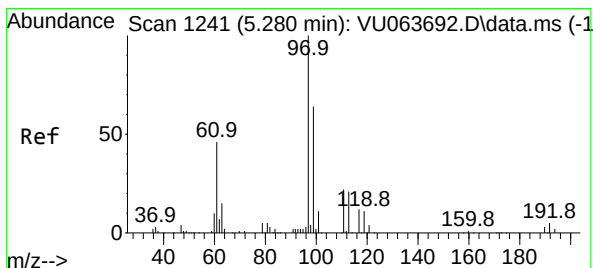
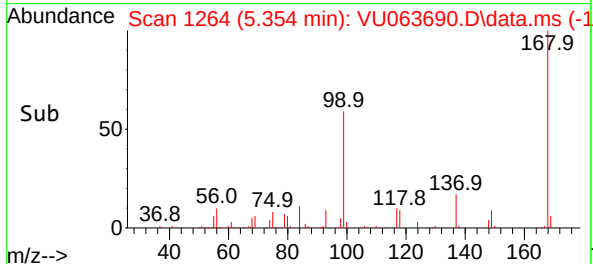
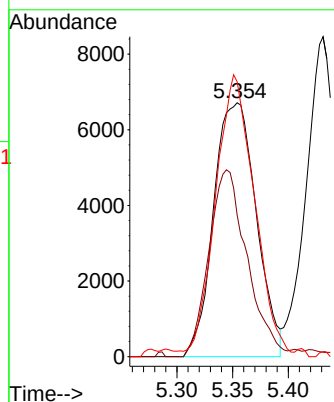
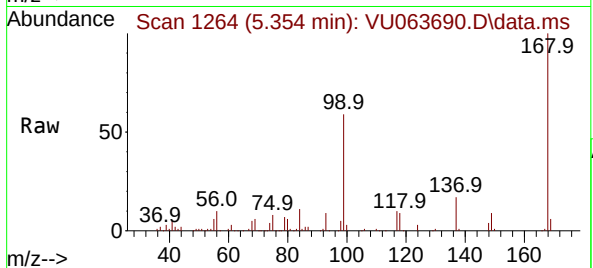




#31
Cyclohexane
Concen: 6.149 ug/l
RT: 5.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

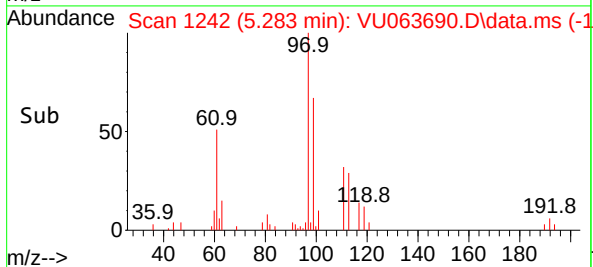
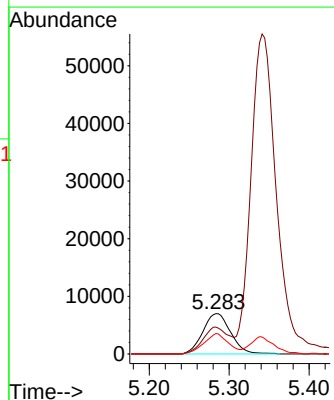
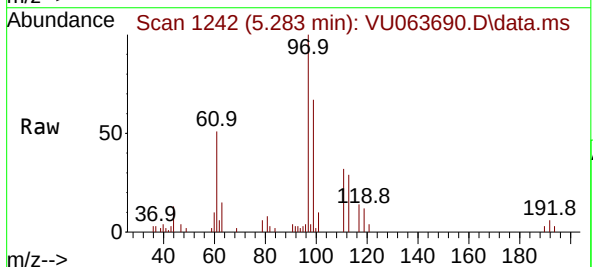
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

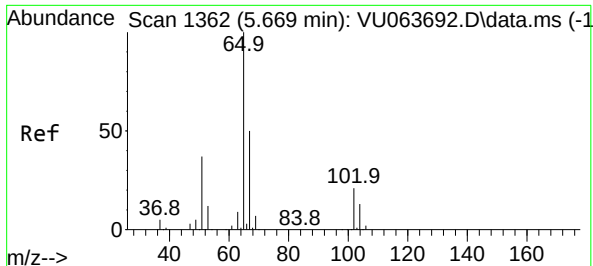
Tgt Ion: 56 Resp: 17864
Ion Ratio Lower Upper
56 100
69 55.8 27.0 40.6#
84 106.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 5.173 ug/l
RT: 5.283 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 97 Resp: 16942
Ion Ratio Lower Upper
97 100
99 61.6 49.8 74.8
61 44.5 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 5.422 ug/l

RT: 5.676 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

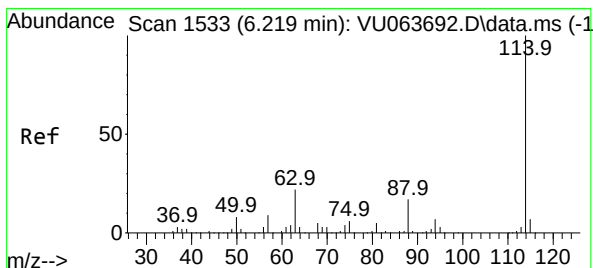
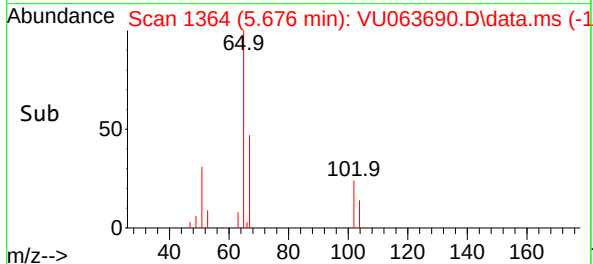
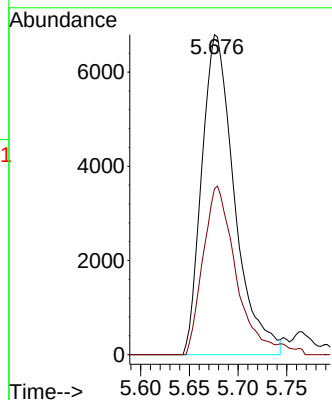
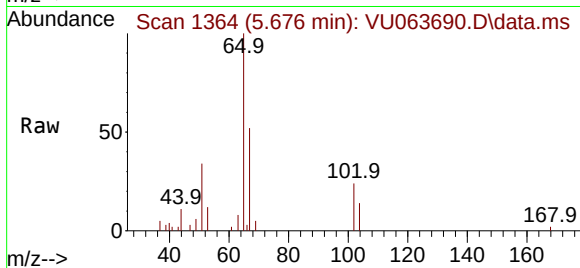
VSTDIC005

Tgt Ion: 65 Resp: 15839

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

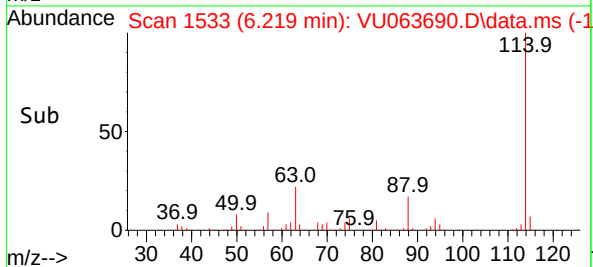
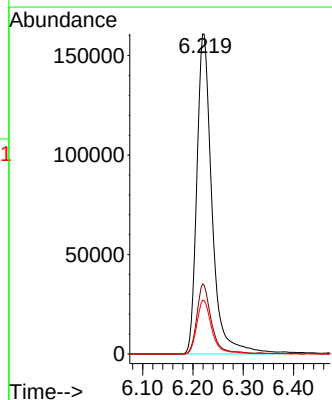
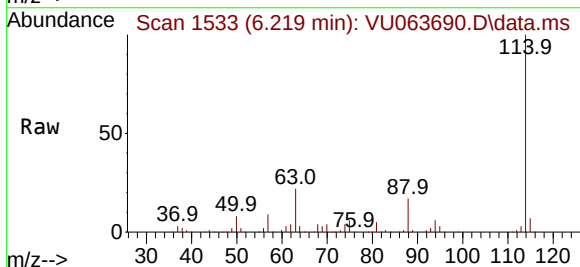
Tgt Ion: 114 Resp: 336995

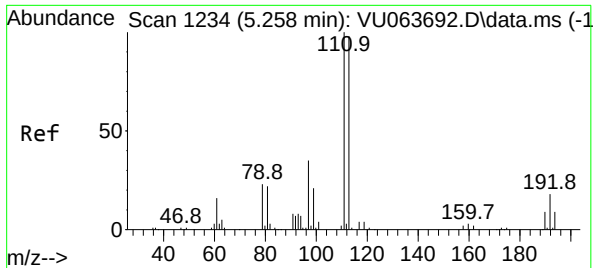
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.0

88 16.8 0.0 33.6

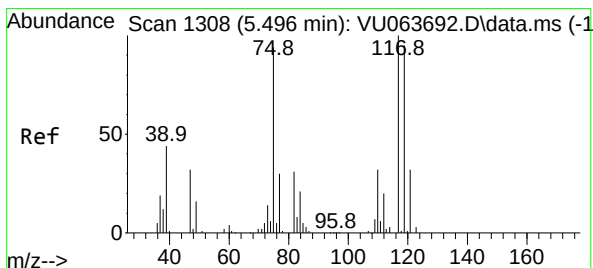
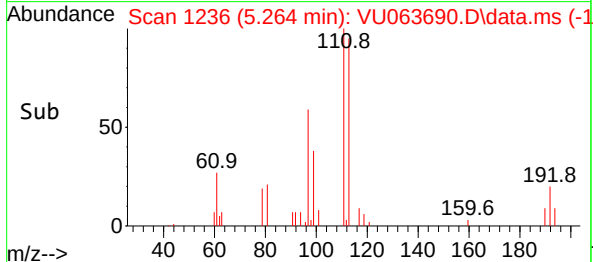
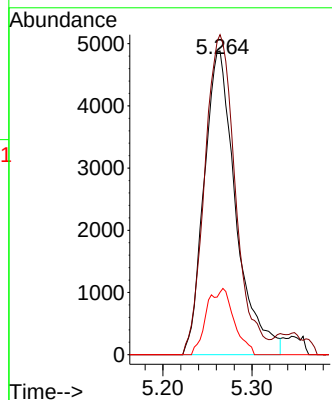
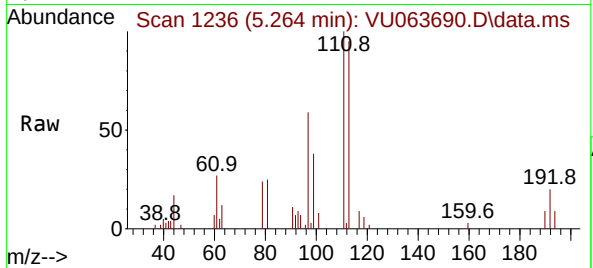




#35
Dibromofluoromethane
Concen: 5.118 ug/l
RT: 5.264 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

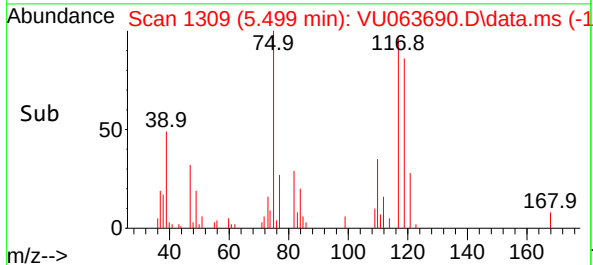
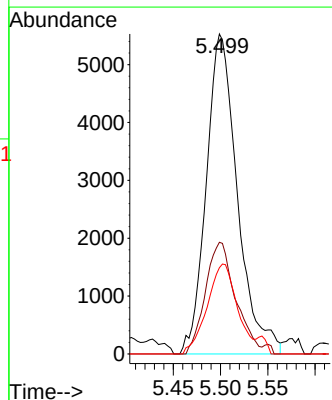
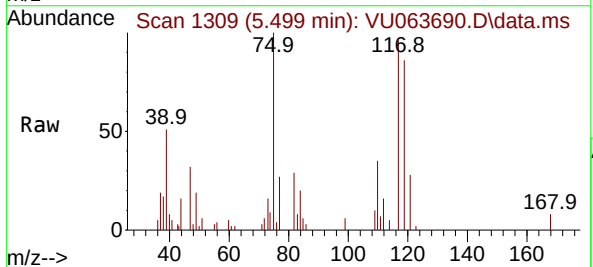
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

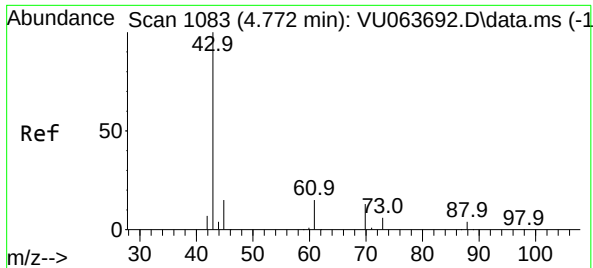
Tgt Ion:113 Resp: 12079
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 5.269 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 75 Resp: 12659
Ion Ratio Lower Upper
75 100
110 33.9 17.3 51.7
77 27.0 24.4 36.6

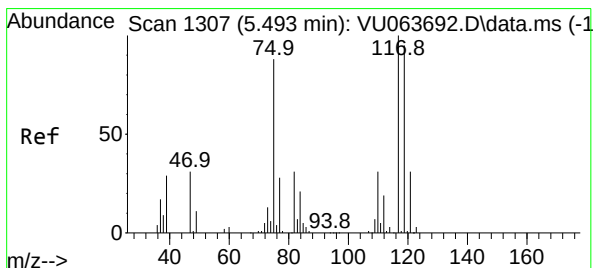
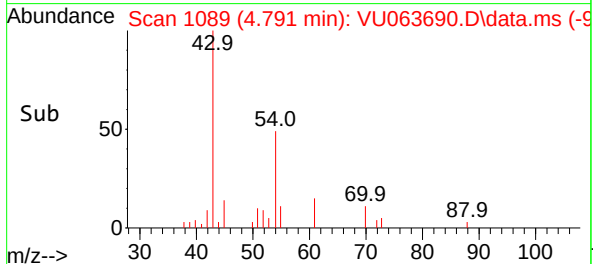
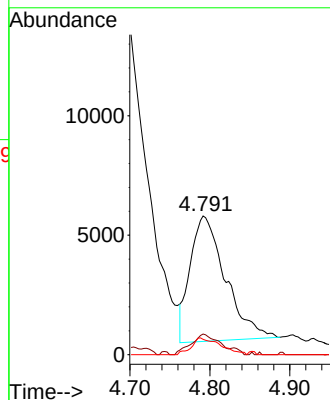
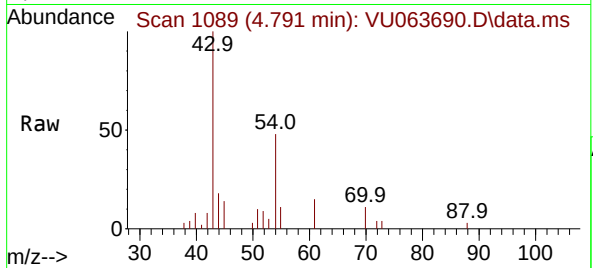




#37
Ethyl Acetate
Concen: 4.713 ug/l
RT: 4.791 min Scan# 1089
Delta R.T. 0.019 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

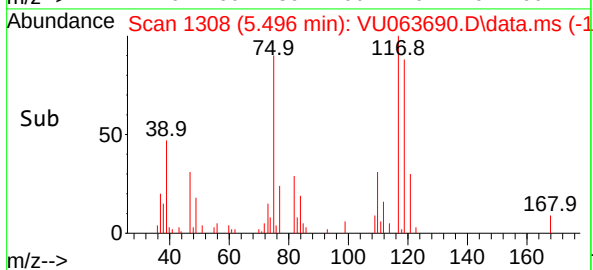
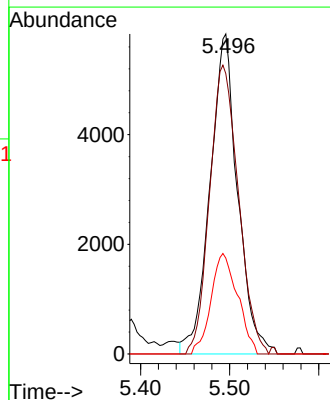
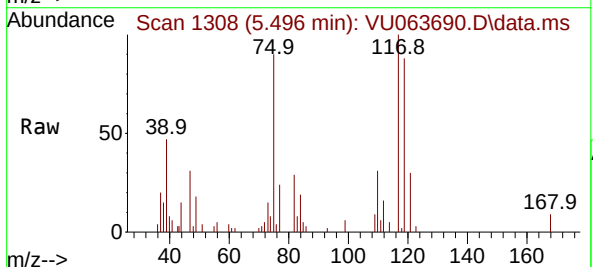
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

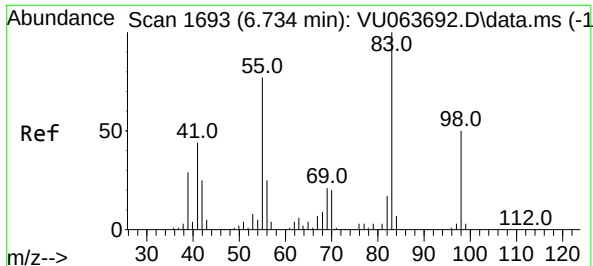
Tgt Ion: 43 Resp: 16099
Ion Ratio Lower Upper
43 100
61 12.7 10.3 15.5
70 10.9 8.9 13.3



#38
Carbon Tetrachloride
Concen: 4.832 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 117 Resp: 12546
Ion Ratio Lower Upper
117 100
119 87.6 76.1 114.1
121 30.0 24.6 37.0





#39

Methylcyclohexane

Concen: 5.317 ug/l

RT: 6.733 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

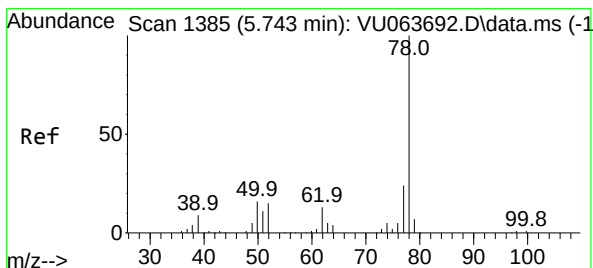
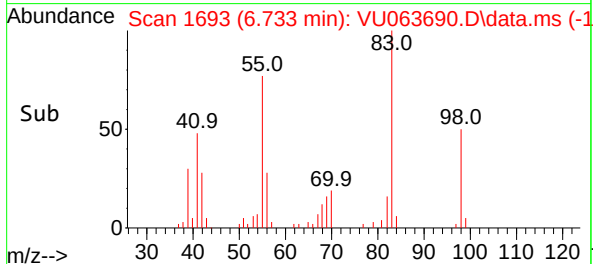
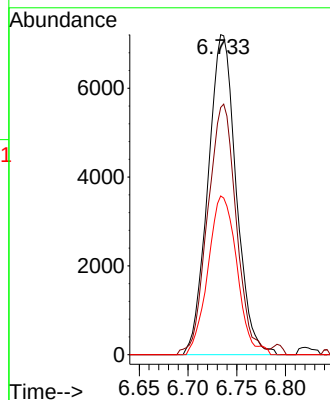
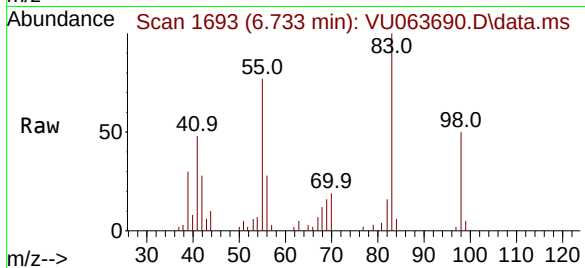
Tgt Ion: 83 Resp: 14501

Ion Ratio Lower Upper

83 100

55 75.8 61.6 92.4

98 49.6 40.0 60.0



#40

Benzene

Concen: 5.108 ug/l

RT: 5.746 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU063690.D

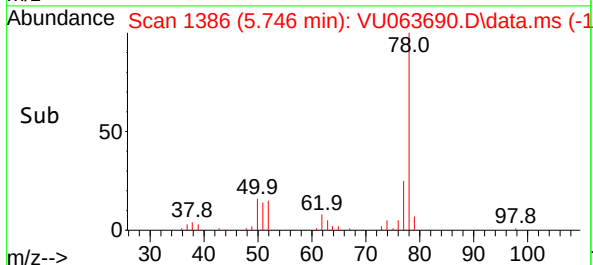
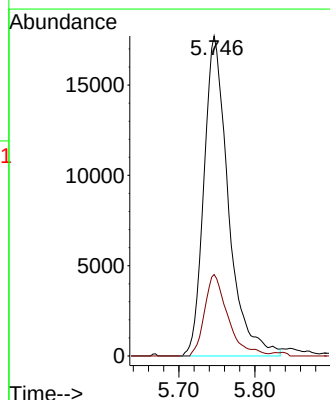
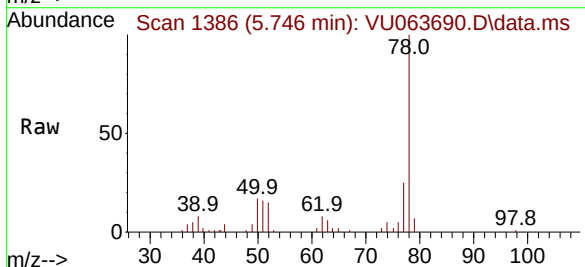
Acq: 10 Nov 2025 11:20

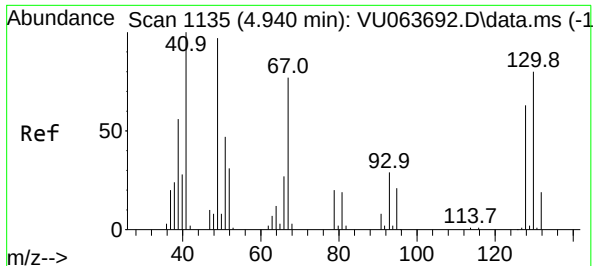
Tgt Ion: 78 Resp: 39597

Ion Ratio Lower Upper

78 100

77 25.4 18.9 28.3

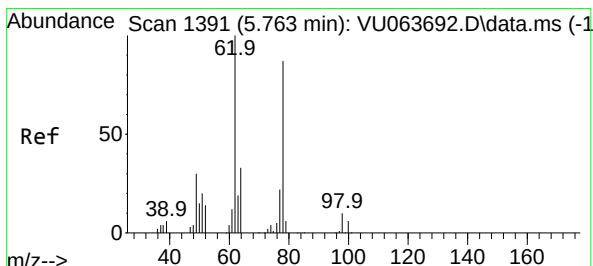
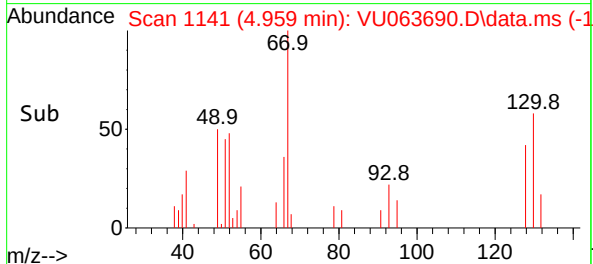
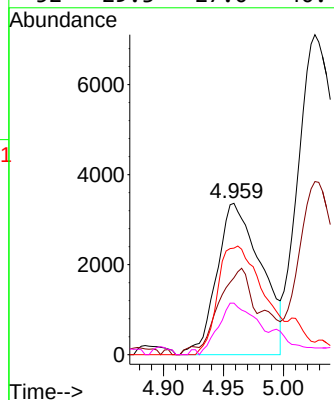
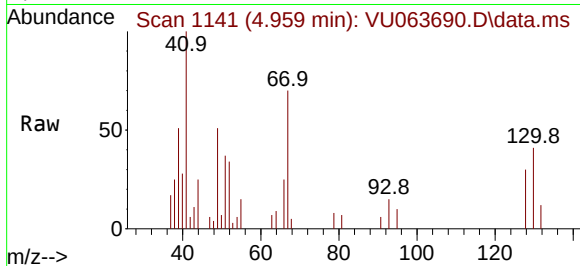




#41
Methacrylonitrile
Concen: 4.869 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.019 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

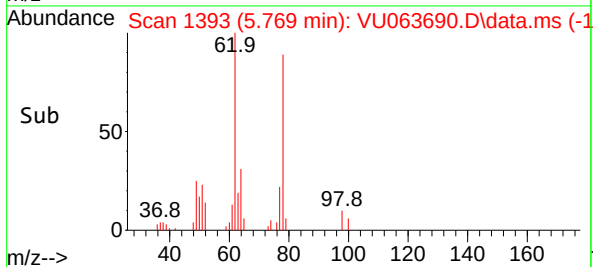
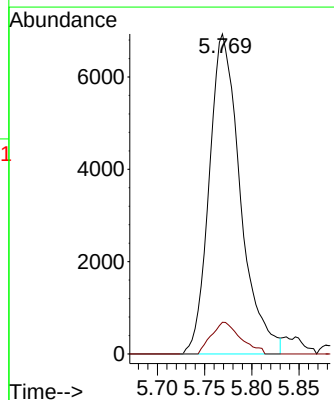
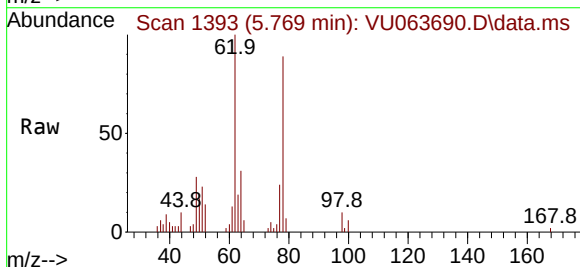
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

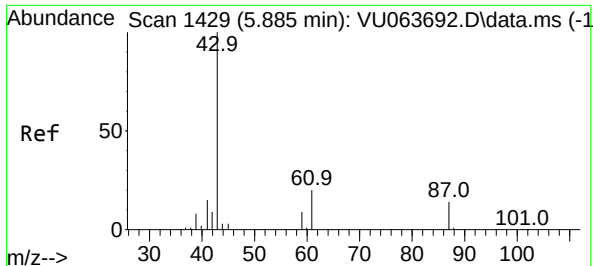
Tgt Ion:	41	Resp:	8608
Ion	Ratio	Lower	Upper
41	100		
39	45.1	44.7	67.1
67	75.8	67.4	101.2
52	29.3	27.0	40.4



#42
1,2-Dichloroethane
Concen: 5.189 ug/l
RT: 5.769 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:	62	Resp:	15866
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	18.2





#43

Isopropyl Acetate

Concen: 4.822 ug/l

RT: 5.894 min Scan# 1429

Delta R.T. 0.009 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

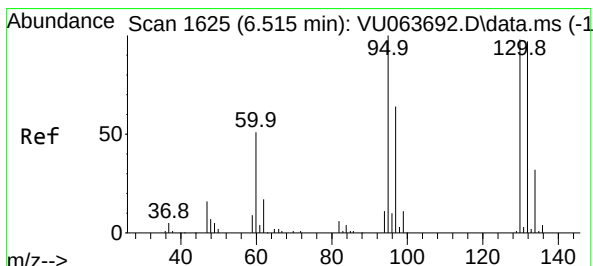
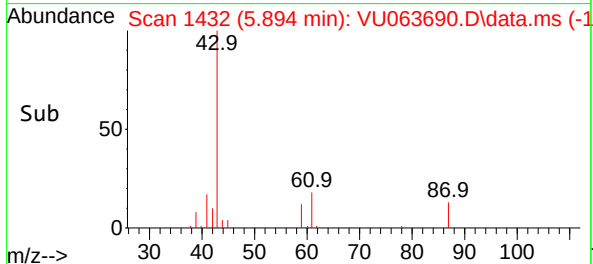
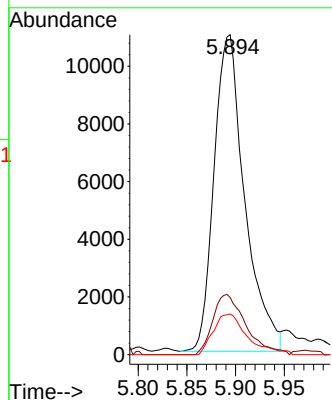
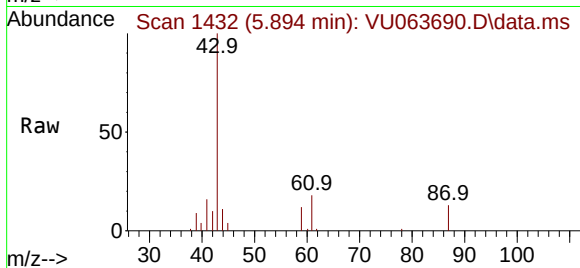
Tgt Ion: 43 Resp: 24043

Ion Ratio Lower Upper

43 100

61 20.4 15.9 23.9

87 14.3 11.0 16.6



#44

Trichloroethene

Concen: 5.163 ug/l

RT: 6.518 min Scan# 1626

Delta R.T. 0.003 min

Lab File: VU063690.D

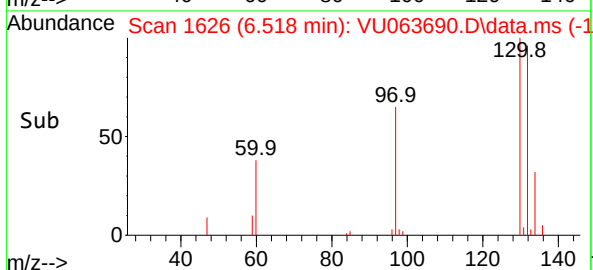
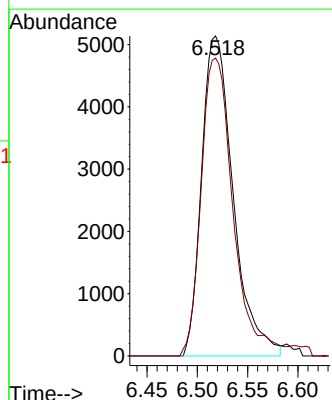
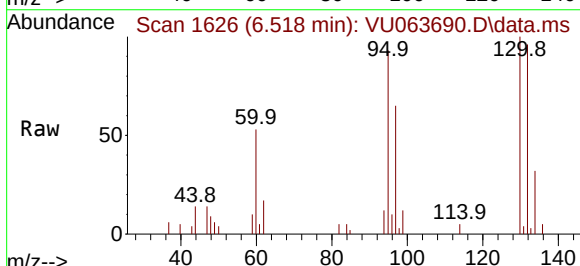
Acq: 10 Nov 2025 11:20

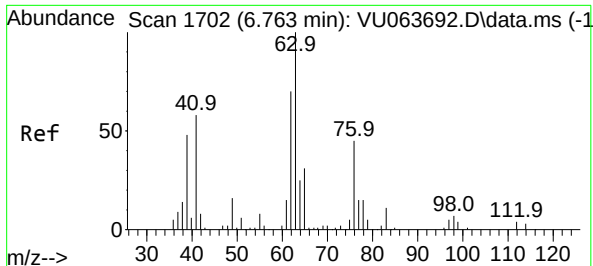
Tgt Ion:130 Resp: 11229

Ion Ratio Lower Upper

130 100

95 93.1 0.0 203.6





#45

1,2-Dichloropropane

Concen: 5.202 ug/l

RT: 6.762 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

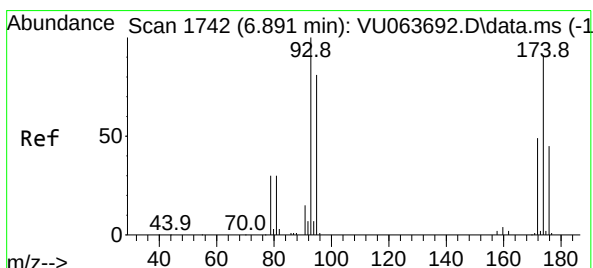
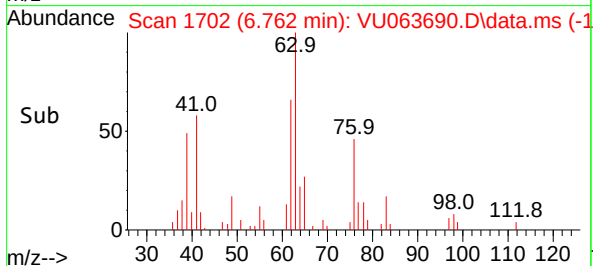
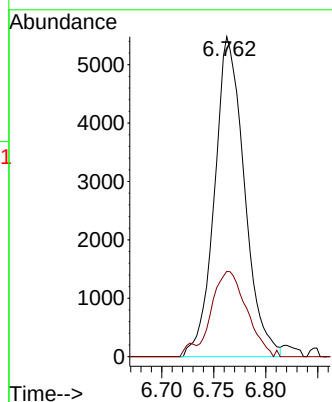
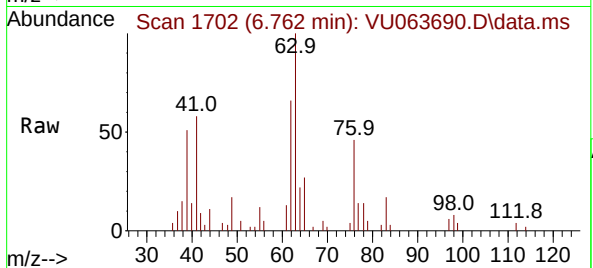
VSTDIC005

Tgt Ion: 63 Resp: 10962

Ion Ratio Lower Upper

63 100

65 26.7 24.9 37.3



#46

Dibromomethane

Concen: 5.013 ug/l

RT: 6.897 min Scan# 1744

Delta R.T. 0.006 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

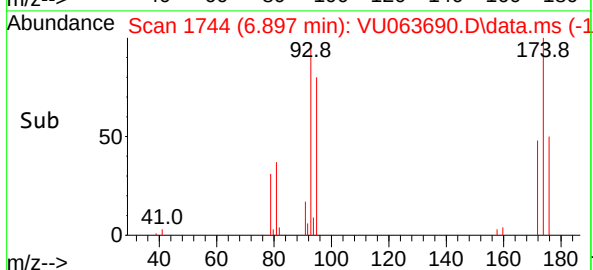
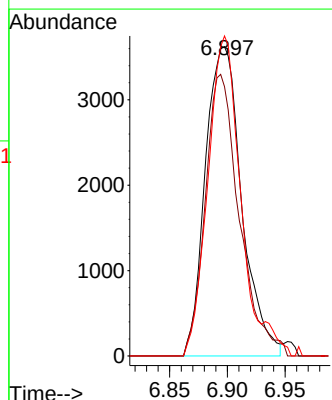
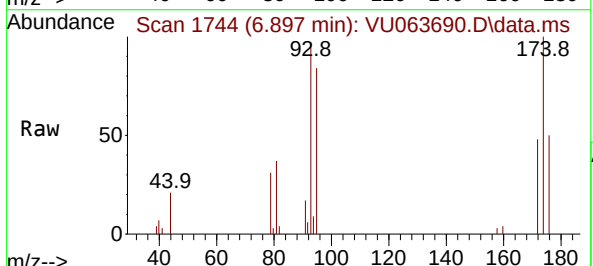
Tgt Ion: 93 Resp: 7933

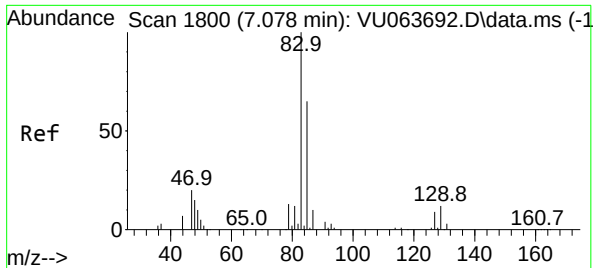
Ion Ratio Lower Upper

93 100

95 85.5 65.9 98.9

174 93.8 74.9 112.3

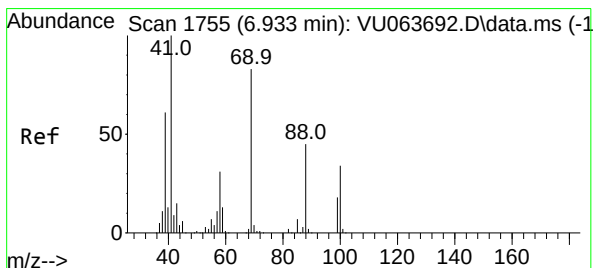
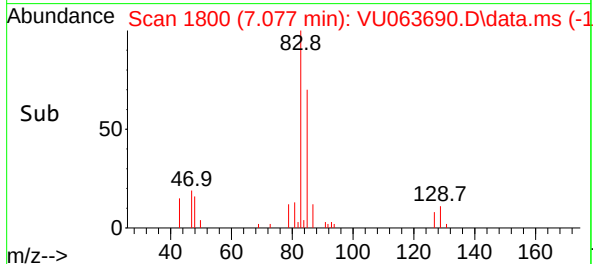
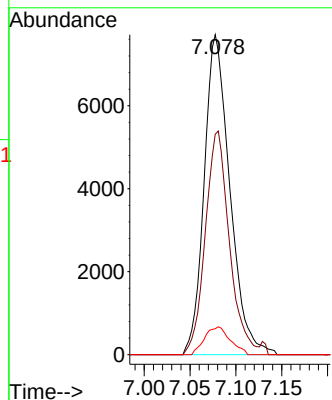
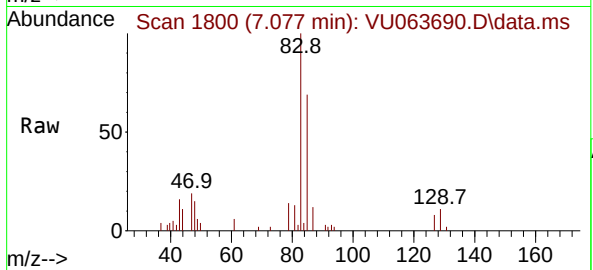




#47
Bromodichloromethane
Concen: 4.690 ug/l
RT: 7.077 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

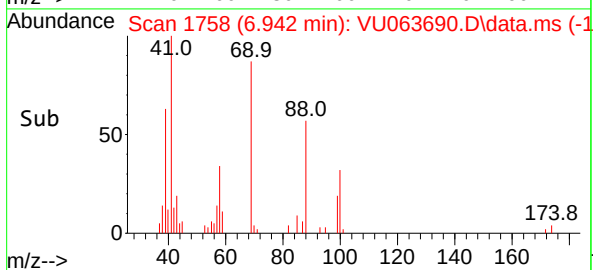
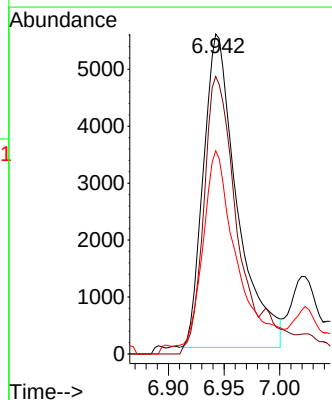
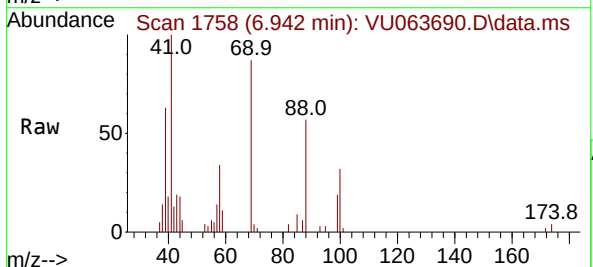
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

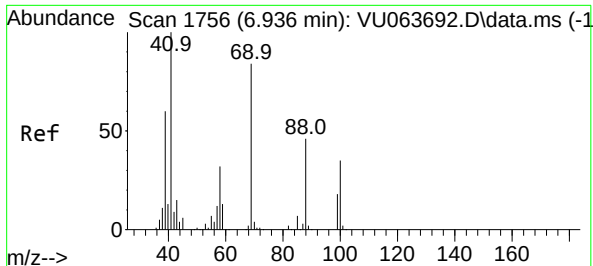
Tgt Ion: 83 Resp: 15046
Ion Ratio Lower Upper
83 100
85 68.9 51.9 77.9
127 8.1 6.9 10.3



#48
Methyl methacrylate
Concen: 4.728 ug/l
RT: 6.942 min Scan# 1758
Delta R.T. 0.009 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 41 Resp: 11571
Ion Ratio Lower Upper
41 100
69 82.4 72.9 109.3
39 62.2 51.0 76.4





#49

1,4-Dioxane

Concen: 114.931 ug/l

RT: 6.946 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

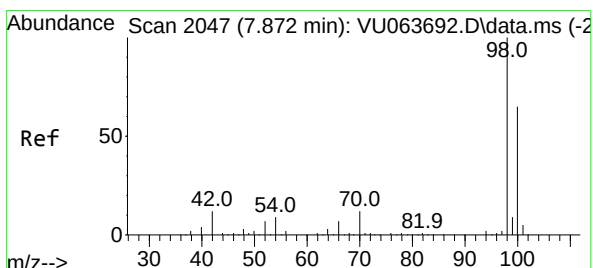
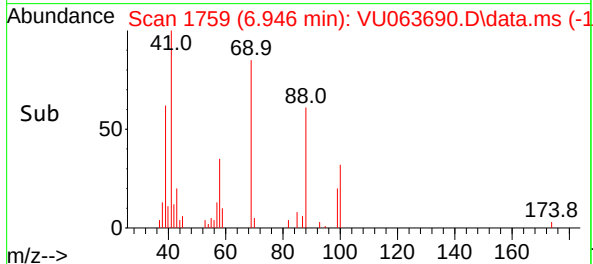
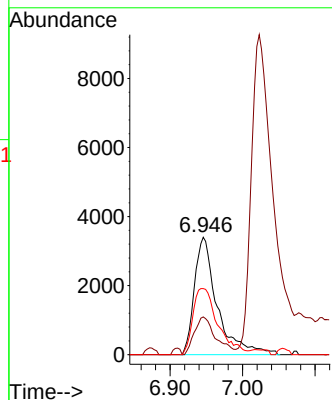
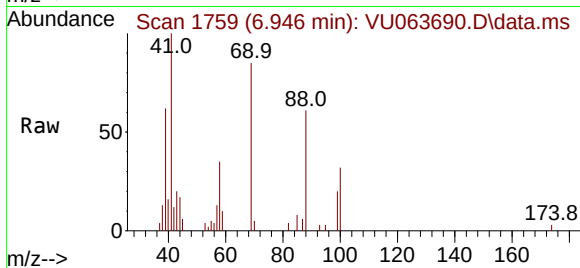
Tgt Ion: 88 Resp: 7452

Ion Ratio Lower Upper

88 100

43 30.5 24.1 36.1

58 61.4 54.2 81.4



#50

Toluene-d8

Concen: 5.452 ug/l

RT: 7.875 min Scan# 2048

Delta R.T. 0.003 min

Lab File: VU063690.D

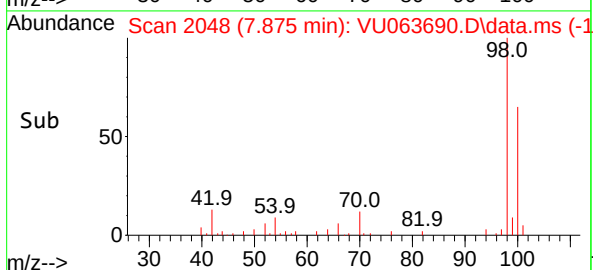
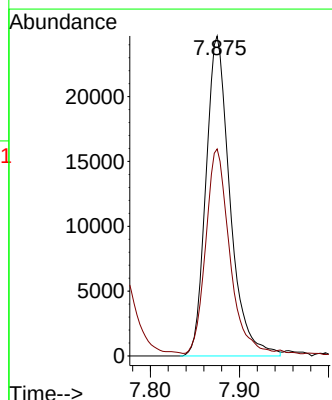
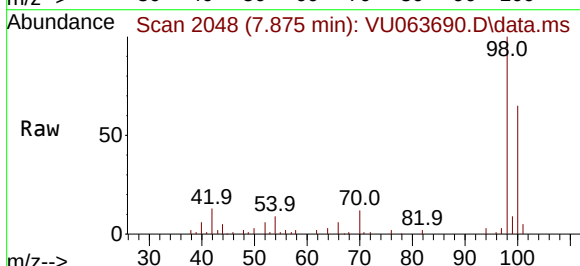
Acq: 10 Nov 2025 11:20

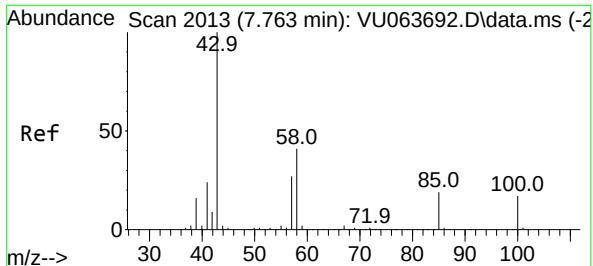
Tgt Ion: 98 Resp: 46230

Ion Ratio Lower Upper

98 100

100 63.2 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 24.537 ug/l

RT: 7.766 min Scan# 2013

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

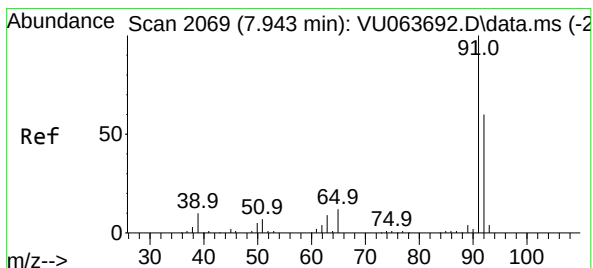
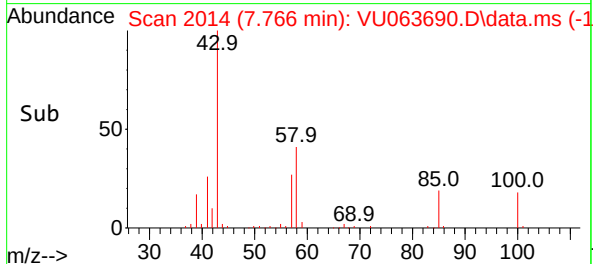
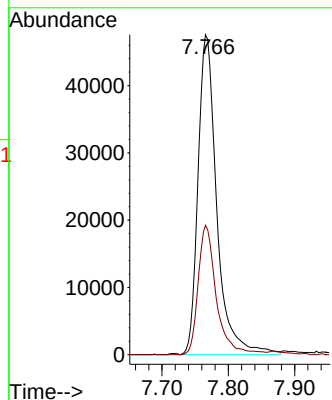
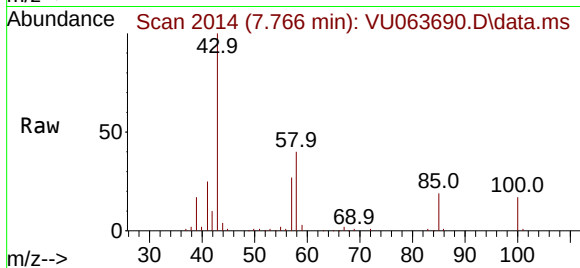
VSTDIC005

Tgt Ion: 43 Resp: 93618

Ion Ratio Lower Upper

43 100

58 39.2 32.3 48.5



#52

Toluene

Concen: 5.254 ug/l

RT: 7.946 min Scan# 2070

Delta R.T. 0.003 min

Lab File: VU063690.D

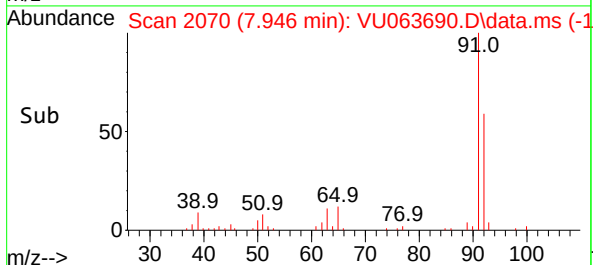
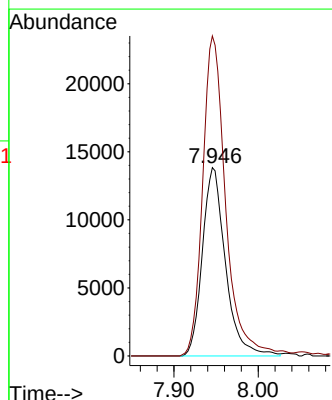
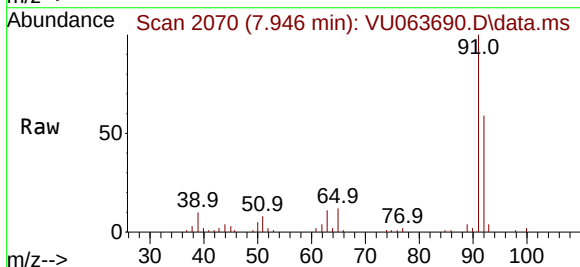
Acq: 10 Nov 2025 11:20

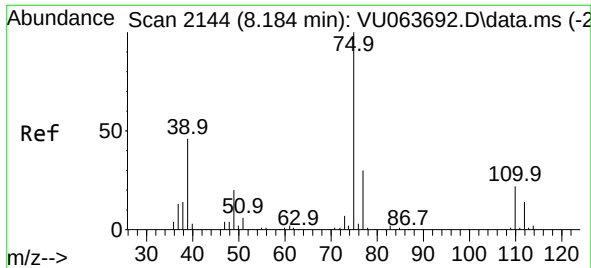
Tgt Ion: 92 Resp: 26435

Ion Ratio Lower Upper

92 100

91 168.2 136.6 204.8

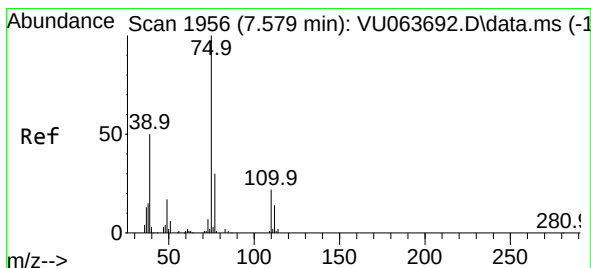
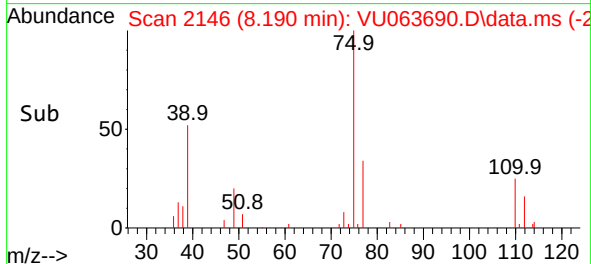
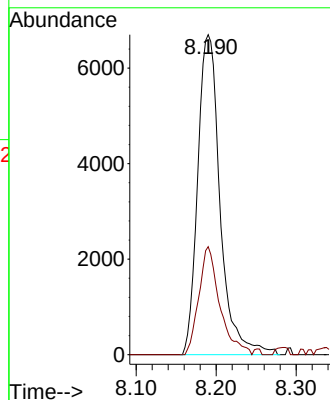
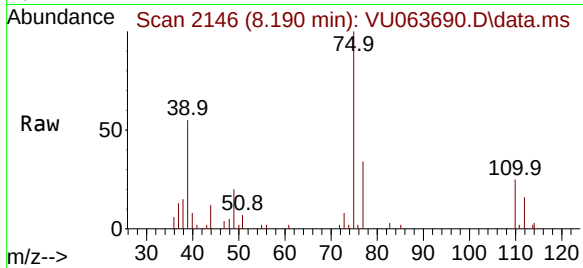




#53
 t-1,3-Dichloropropene
 Concen: 4.832 ug/l
 RT: 8.190 min Scan# 2144
 Delta R.T. 0.006 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

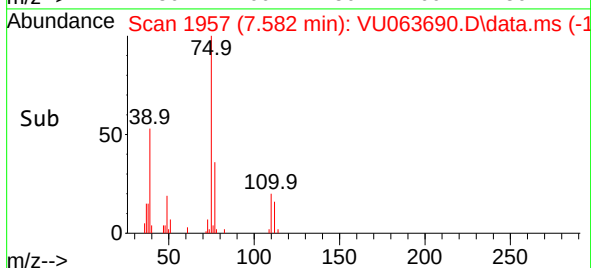
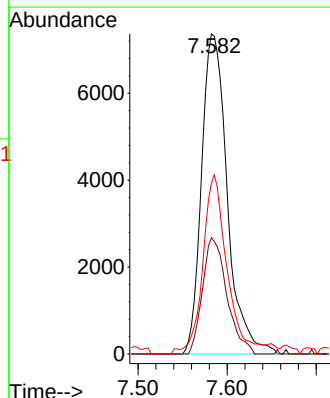
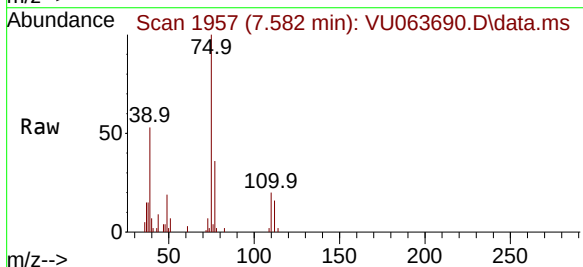
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

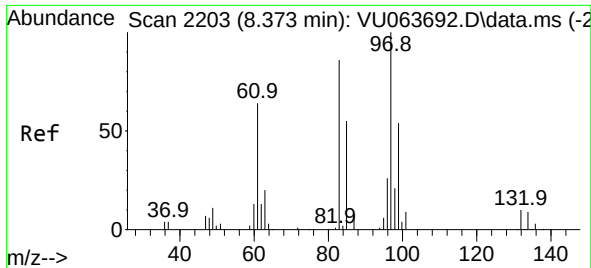
Tgt Ion: 75 Resp: 13055
 Ion Ratio Lower Upper
 75 100
 77 33.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 4.873 ug/l
 RT: 7.582 min Scan# 1957
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion: 75 Resp: 14754
 Ion Ratio Lower Upper
 75 100
 77 36.3 24.3 36.5
 39 52.1 40.2 60.2

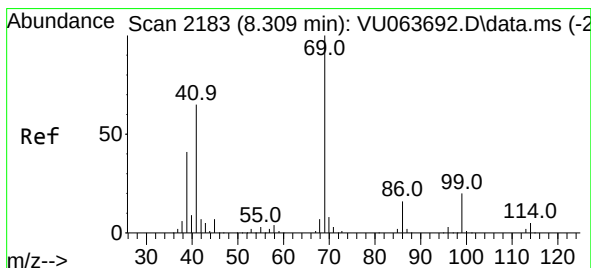
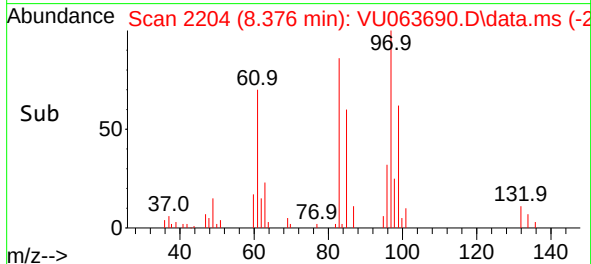
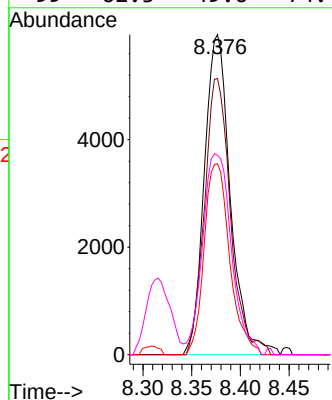
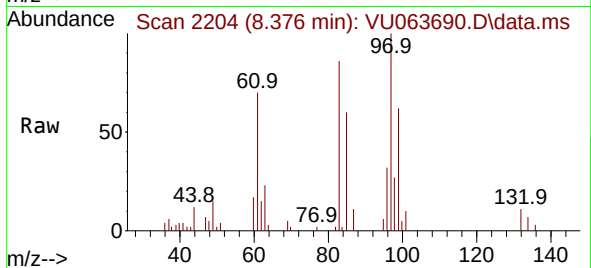




#55
 1,1,2-Trichloroethane
 Concen: 4.789 ug/l
 RT: 8.376 min Scan# 2185
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

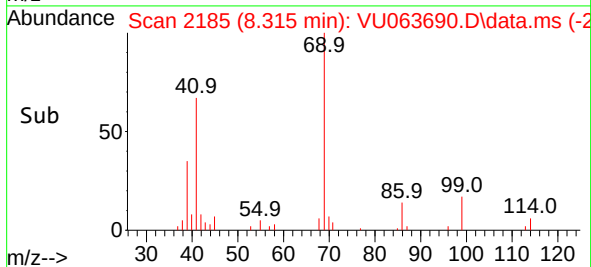
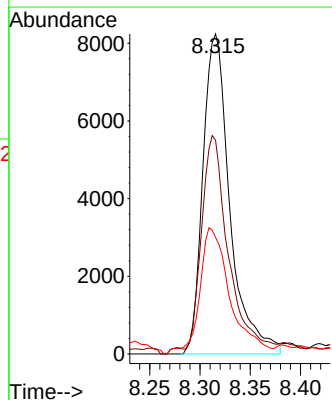
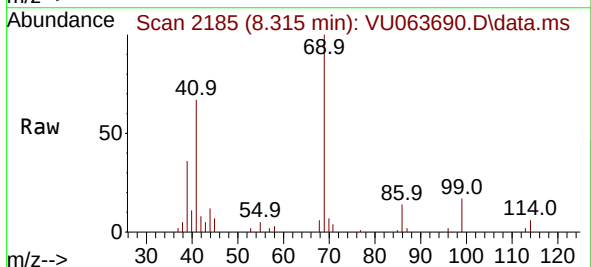
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

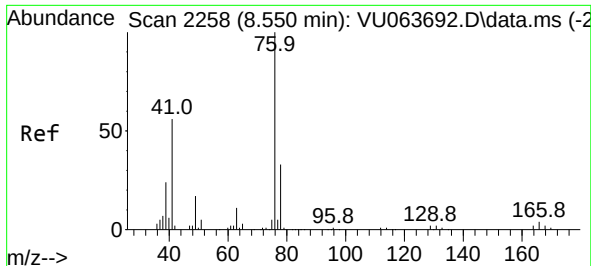
Tgt Ion:	97	Resp:	11057
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.0	103.4
85	59.7	44.2	66.4
99	62.3	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 4.519 ug/l
 RT: 8.315 min Scan# 2185
 Delta R.T. 0.006 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion:	69	Resp:	15393
Ion	Ratio	Lower	Upper
69	100		
41	64.4	51.4	77.2
39	44.1	32.2	48.4





#57

1,3-Dichloropropane

Concen: 4.962 ug/l

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

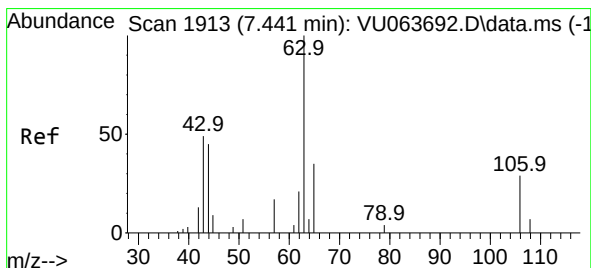
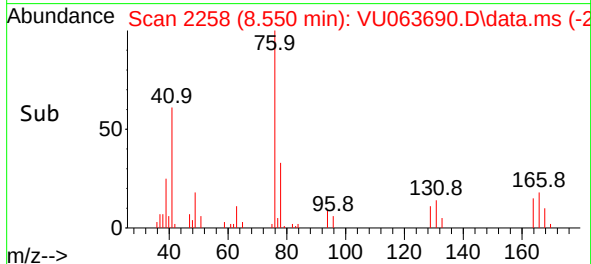
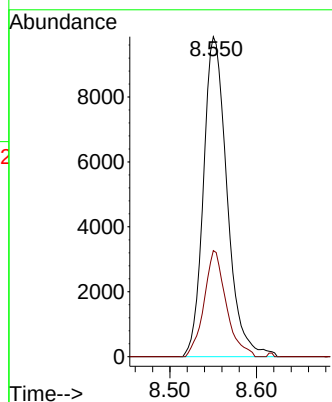
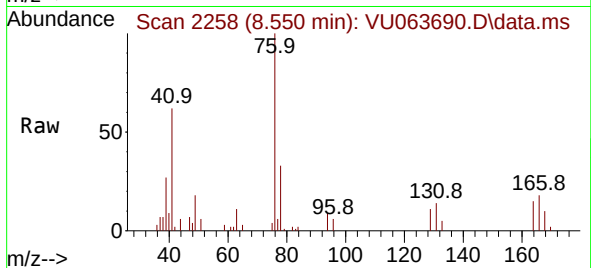
VSTDIC005

Tgt Ion: 76 Resp: 18688

Ion Ratio Lower Upper

76 100

78 31.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 12.230 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. 0.016 min

Lab File: VU063690.D

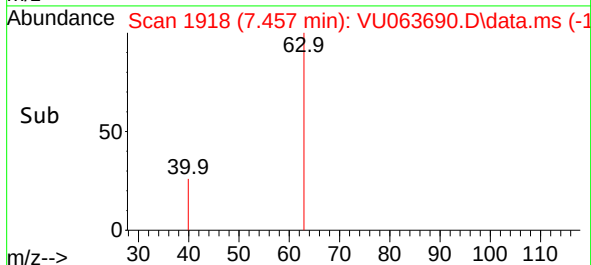
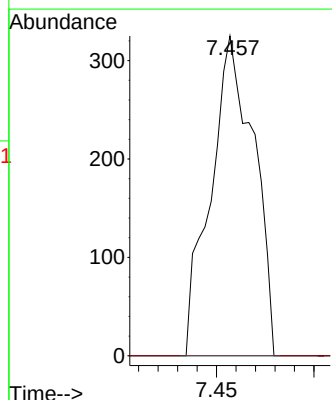
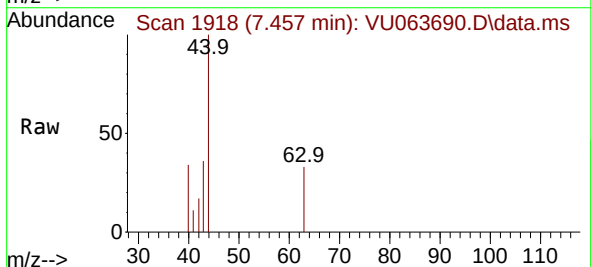
Acq: 10 Nov 2025 11:20

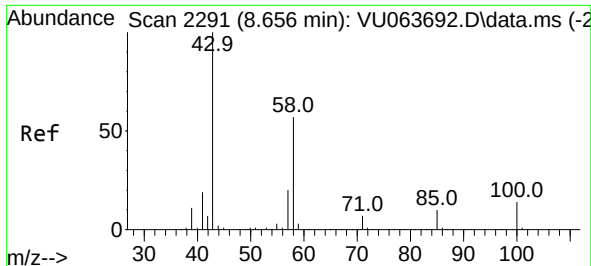
Tgt Ion: 63 Resp: 501

Ion Ratio Lower Upper

63 100

106 0.0 15.8 23.8#

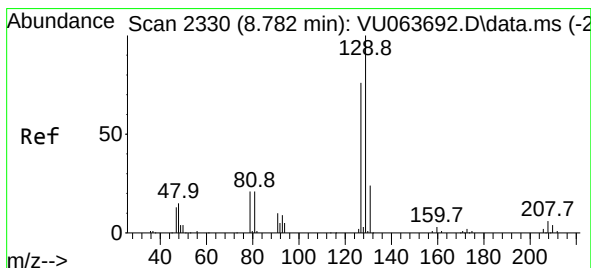
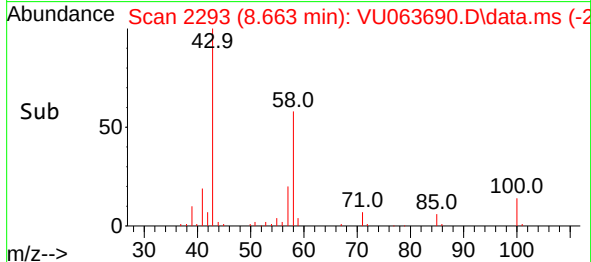
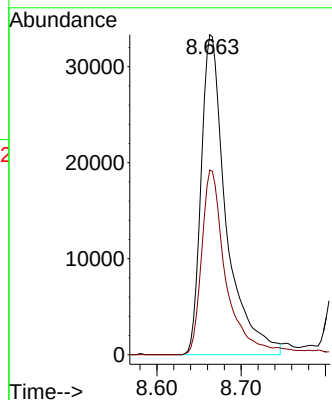
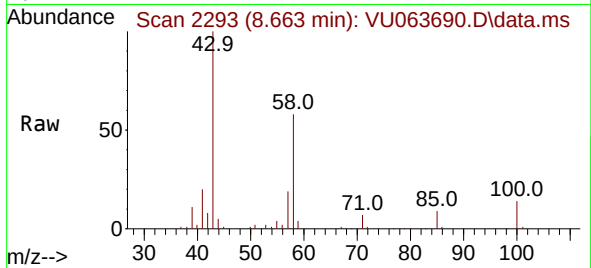




#59
2-Hexanone
Concen: 24.216 ug/l
RT: 8.663 min Scan# 211
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

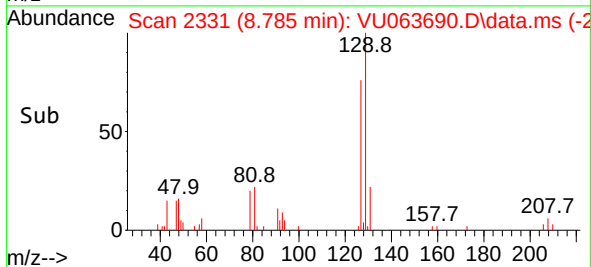
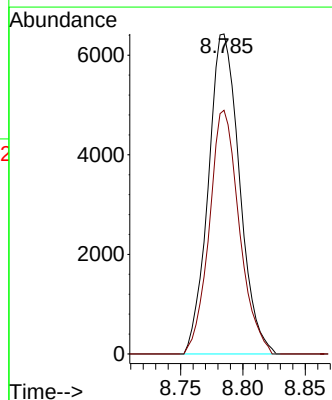
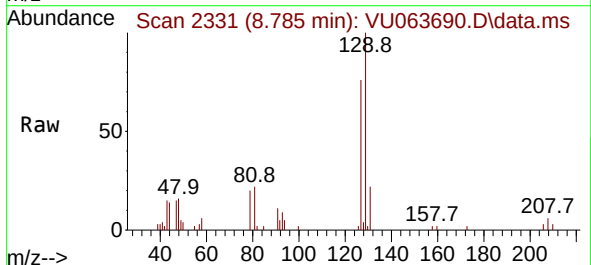
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

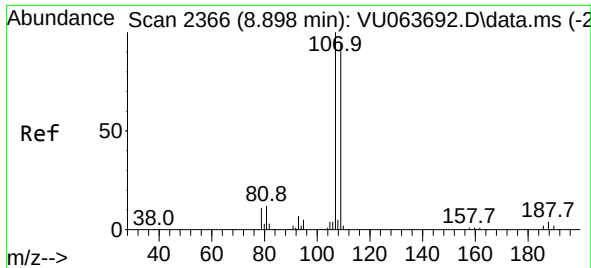
Tgt Ion: 43 Resp: 68816
Ion Ratio Lower Upper
43 100
58 56.8 28.4 85.3



#60
Dibromochloromethane
Concen: 4.632 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 129 Resp: 11200
Ion Ratio Lower Upper
129 100
127 73.3 38.2 114.6

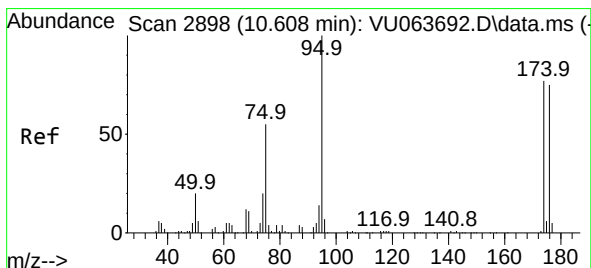
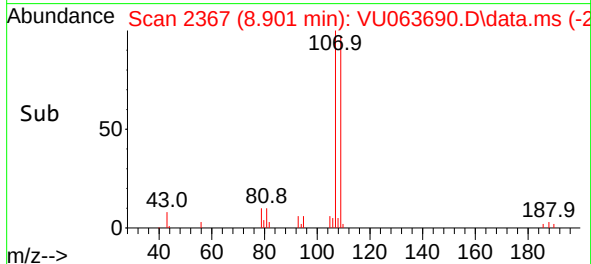
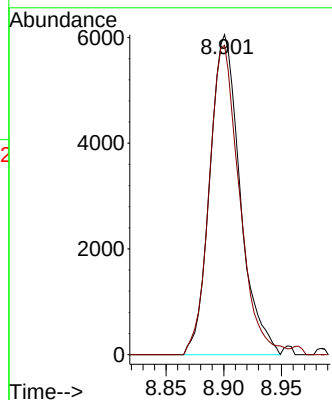
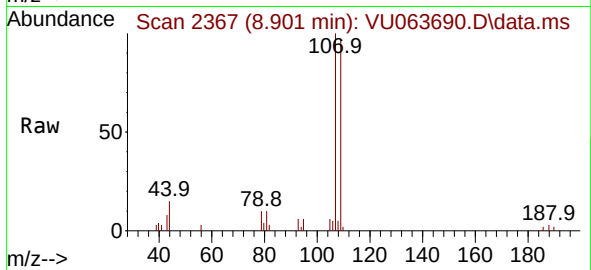




#61
 1,2-Dibromoethane
 Concen: 4.962 ug/l
 RT: 8.901 min Scan# 2100
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

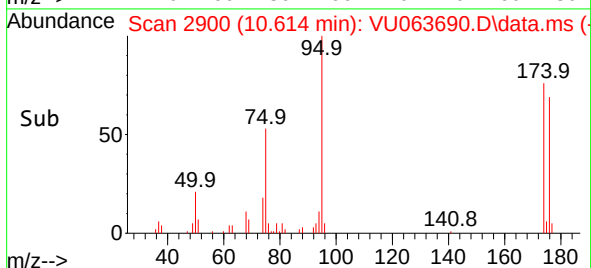
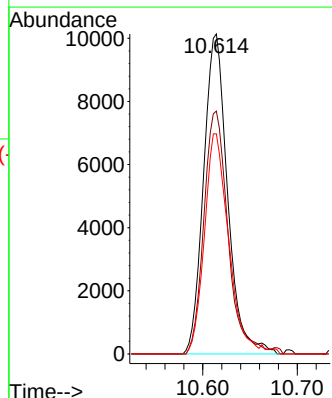
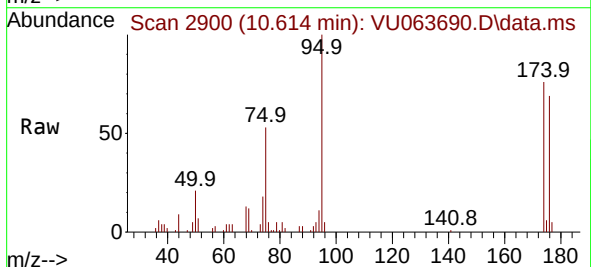
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

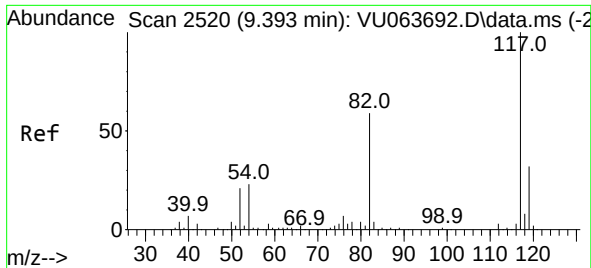
Tgt Ion:107 Resp: 11040
 Ion Ratio Lower Upper
 107 100
 109 96.5 73.8 110.8



#62
 4-Bromofluorobenzene
 Concen: 5.097 ug/l
 RT: 10.614 min Scan# 2900
 Delta R.T. 0.006 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion: 95 Resp: 17877
 Ion Ratio Lower Upper
 95 100
 174 76.0 0.0 154.6
 176 69.5 0.0 148.4

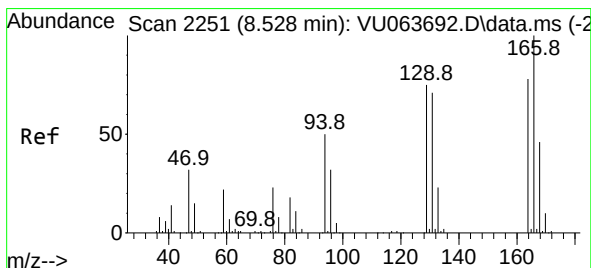
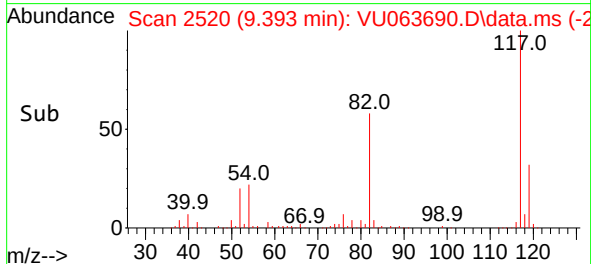
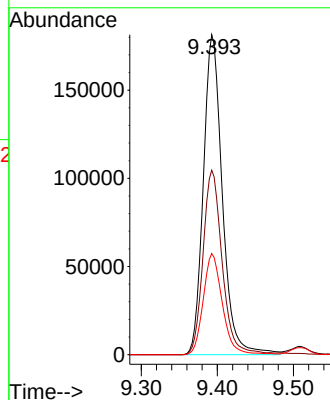
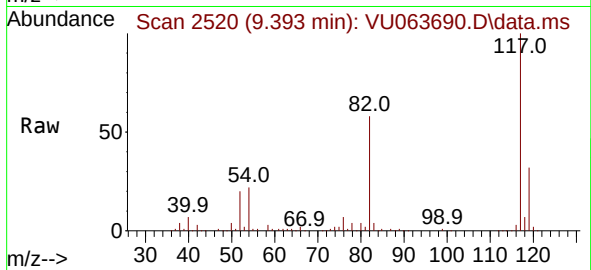




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

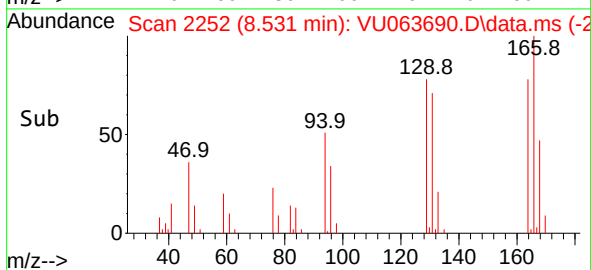
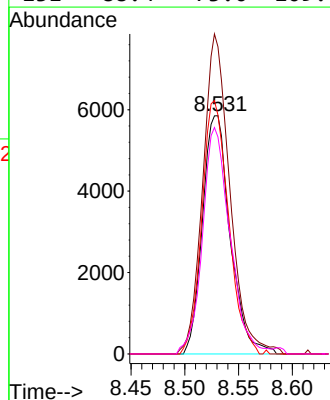
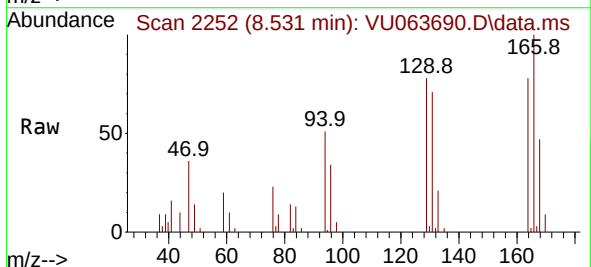
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

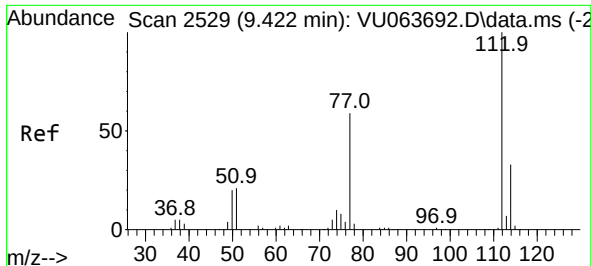
Tgt Ion:117 Resp: 315469
Ion Ratio Lower Upper
117 100
82 57.6 46.9 70.3
119 31.6 25.8 38.8



#64
Tetrachloroethene
Concen: 5.143 ug/l
RT: 8.531 min Scan# 2252
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:164 Resp: 10468
Ion Ratio Lower Upper
164 100
166 127.1 102.5 153.7
129 100.3 77.1 115.7
131 88.4 73.0 109.6

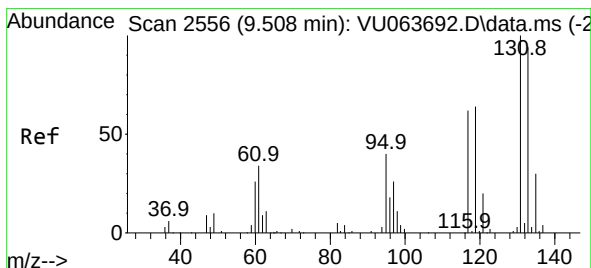
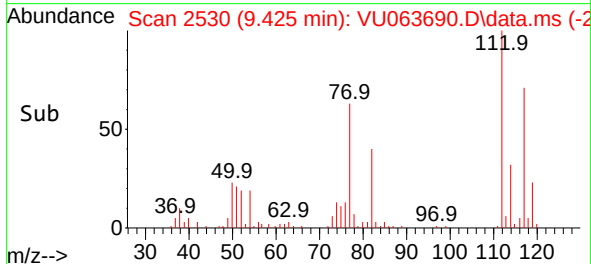
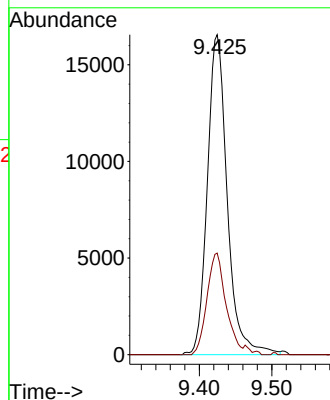
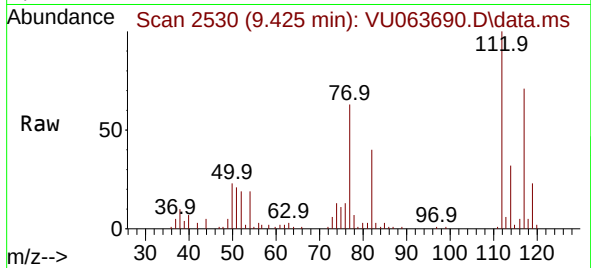




#65
Chlorobenzene
Concen: 5.117 ug/l
RT: 9.425 min Scan# 2530
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

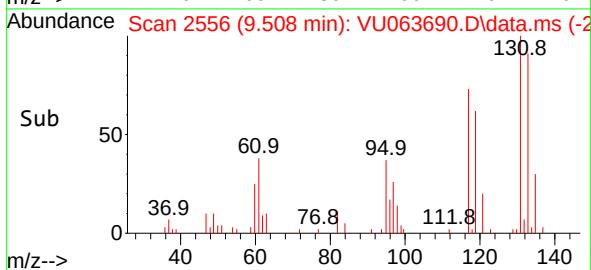
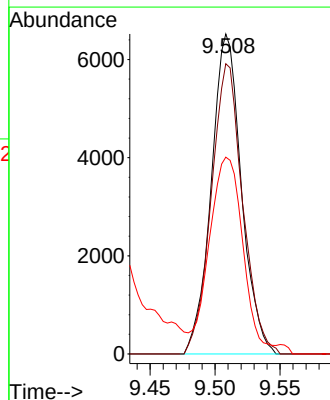
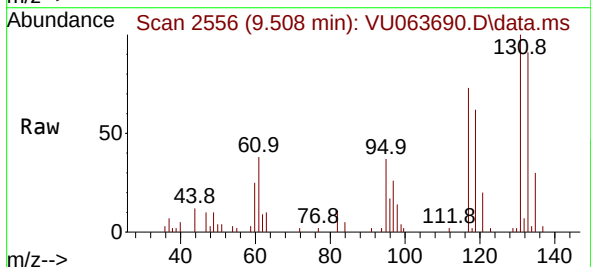
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

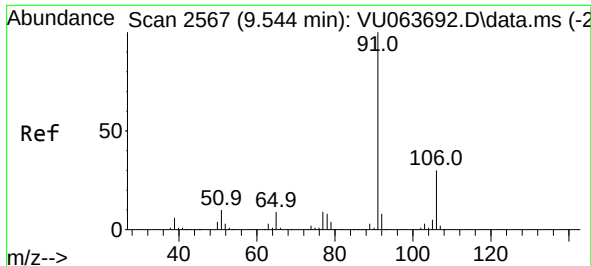
Tgt Ion:112 Resp: 31540
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 5.011 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:131 Resp: 10507
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.5
119 63.5 33.3 99.8





#67

Ethyl Benzene

Concen: 5.025 ug/l

RT: 9.547 min Scan# 2567

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

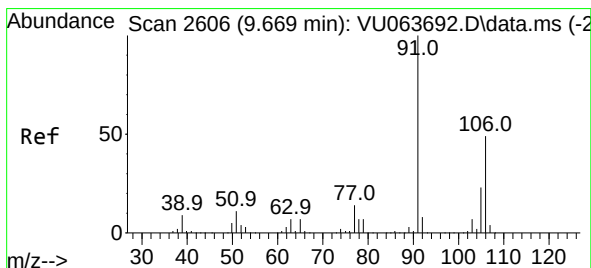
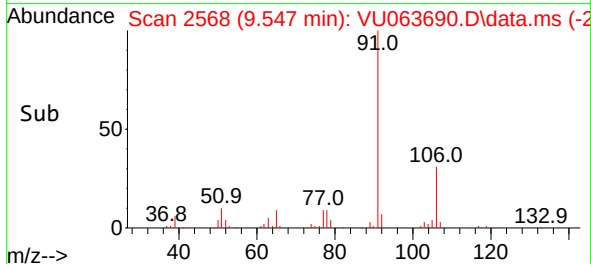
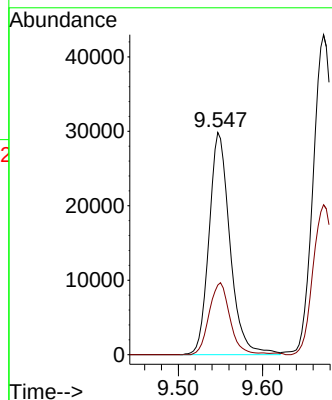
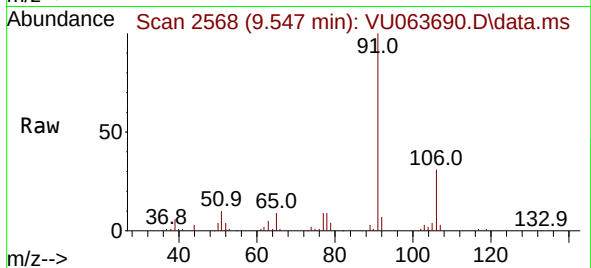
VSTDIC005

Tgt Ion: 91 Resp: 51598

Ion Ratio Lower Upper

91 100

106 31.3 23.8 35.8



#68

m/p-Xylenes

Concen: 9.825 ug/l

RT: 9.672 min Scan# 2607

Delta R.T. 0.003 min

Lab File: VU063690.D

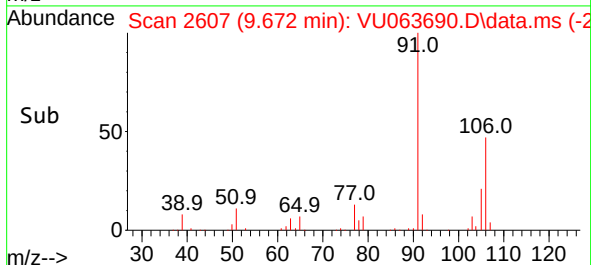
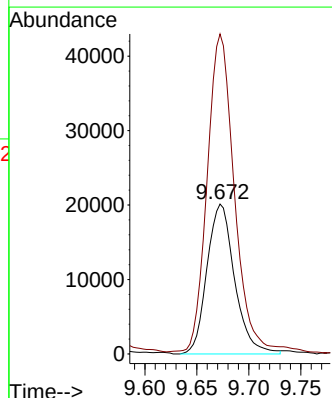
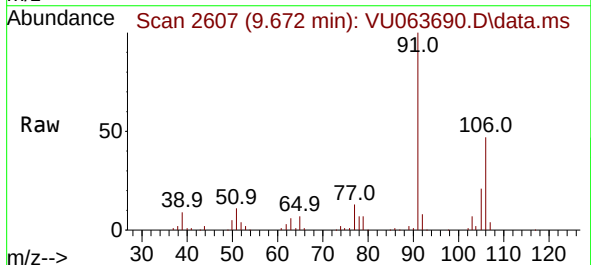
Acq: 10 Nov 2025 11:20

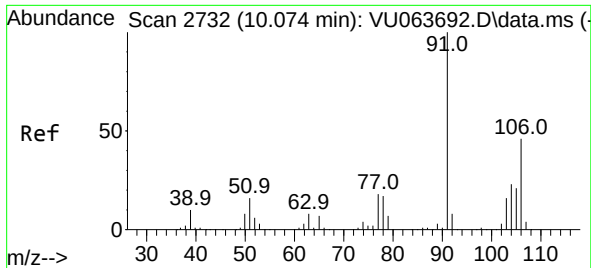
Tgt Ion: 106 Resp: 37236

Ion Ratio Lower Upper

106 100

91 212.1 165.7 248.5

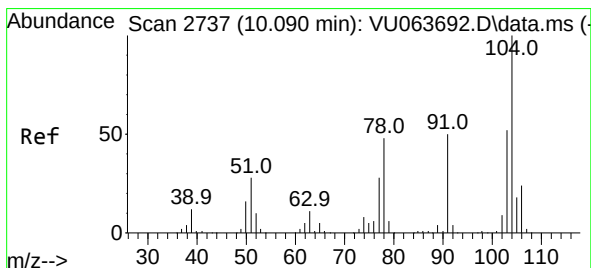
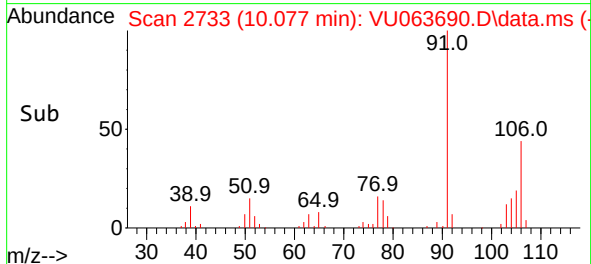
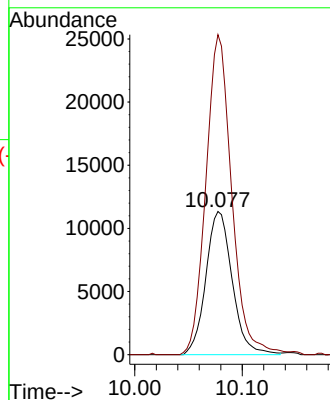
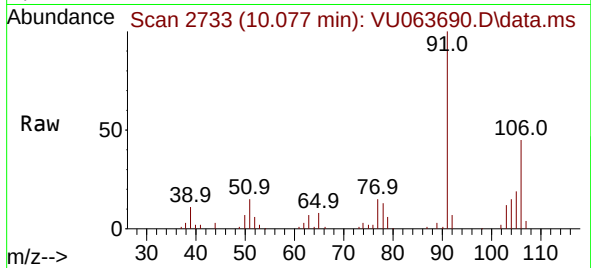




#69
o-Xylene
Concen: 4.936 ug/l
RT: 10.077 min Scan# 2733
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

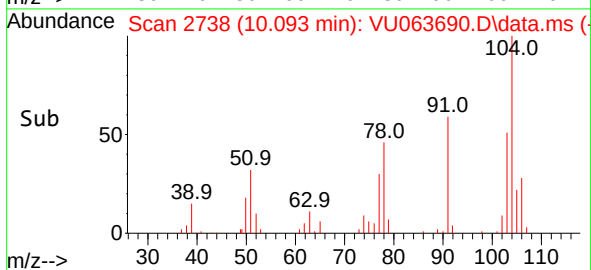
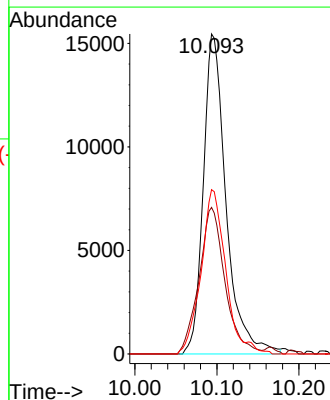
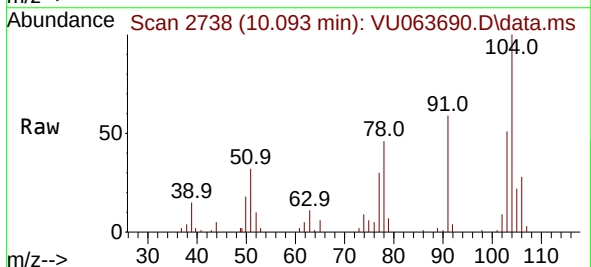
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

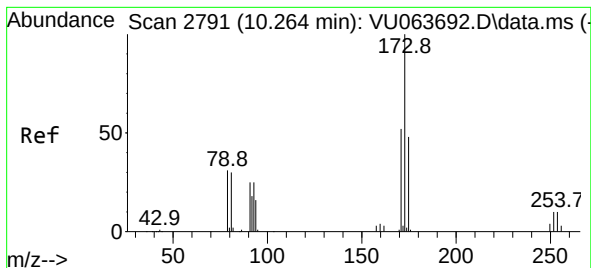
Tgt Ion:106 Resp: 19303
Ion Ratio Lower Upper
106 100
91 219.3 108.7 325.9



#70
Styrene
Concen: 4.735 ug/l
RT: 10.093 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:104 Resp: 29744
Ion Ratio Lower Upper
104 100
78 52.3 42.7 64.1
103 55.8 44.0 66.0





#71

Bromoform

Concen: 4.317 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

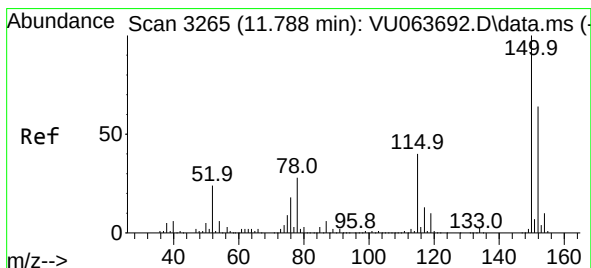
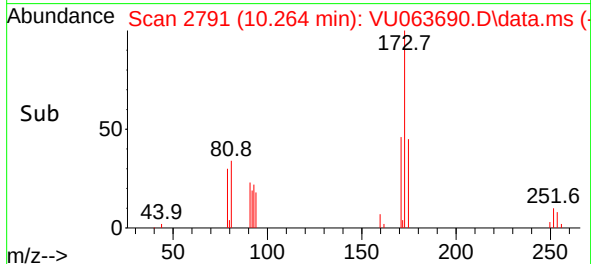
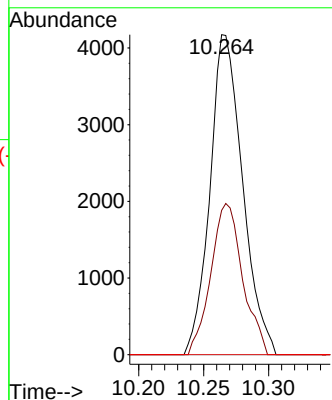
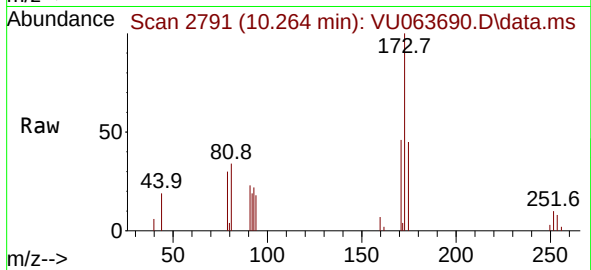
Tgt Ion:173 Resp: 7289

Ion Ratio Lower Upper

173 100

175 46.0 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.791 min Scan# 3266

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

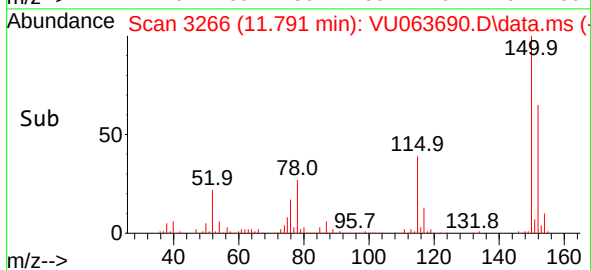
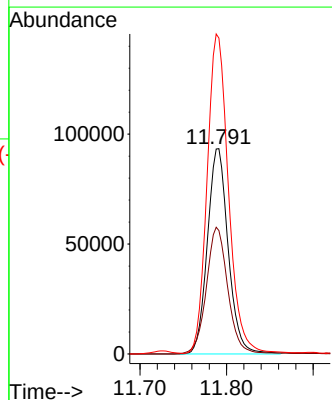
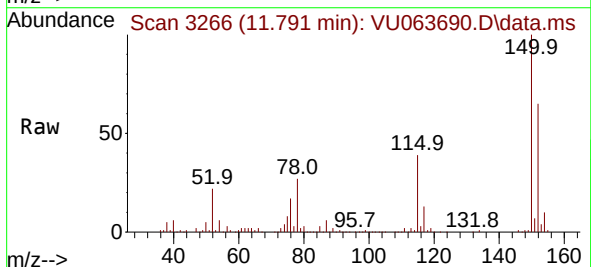
Tgt Ion:152 Resp: 156182

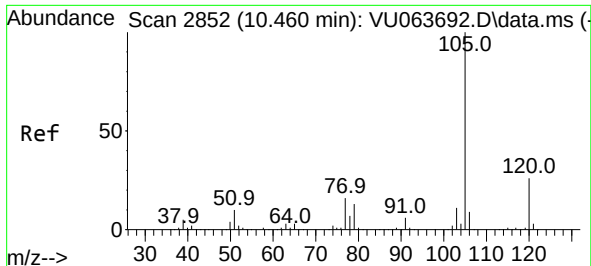
Ion Ratio Lower Upper

152 100

115 63.5 41.0 123.0

150 159.3 0.0 342.2

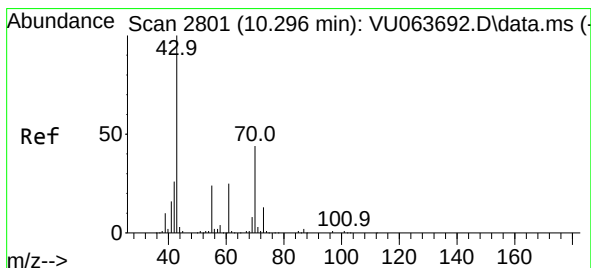
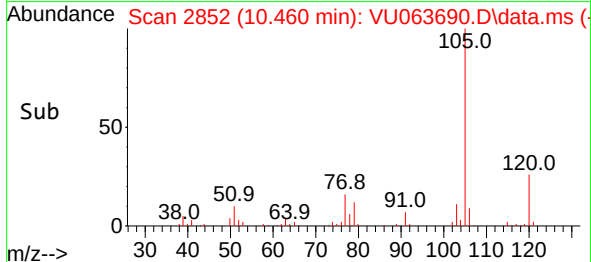
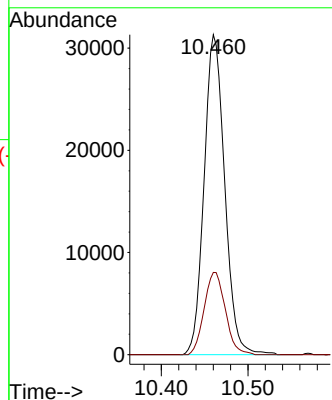
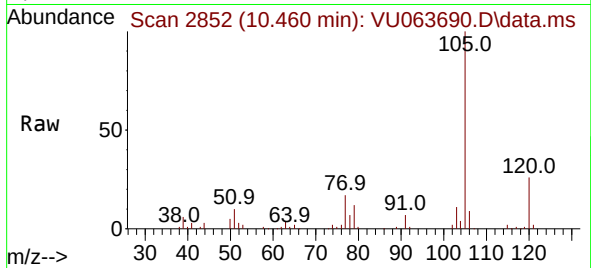




#73
Isopropylbenzene
Concen: 5.278 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

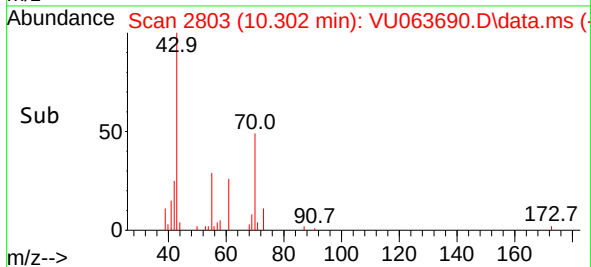
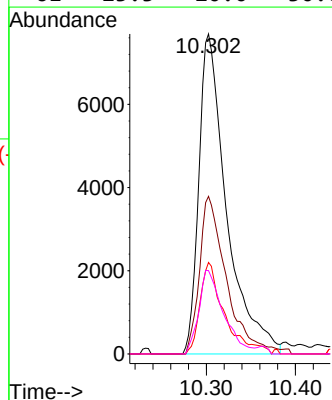
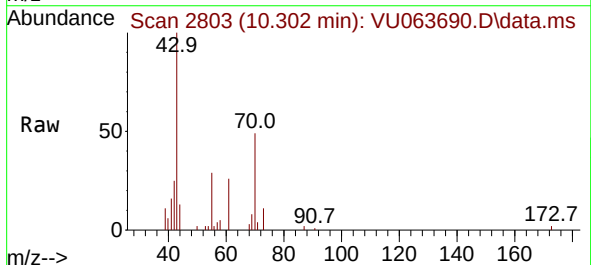
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

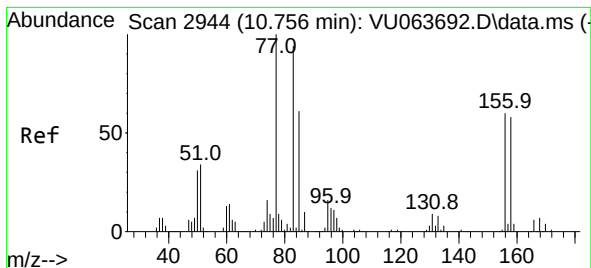
Tgt Ion:105 Resp: 51790
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 4.875 ug/l
RT: 10.302 min Scan# 2803
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 43 Resp: 16667
Ion Ratio Lower Upper
43 100
70 47.6 36.5 54.7
55 25.1 20.6 30.8
61 23.3 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 5.246 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

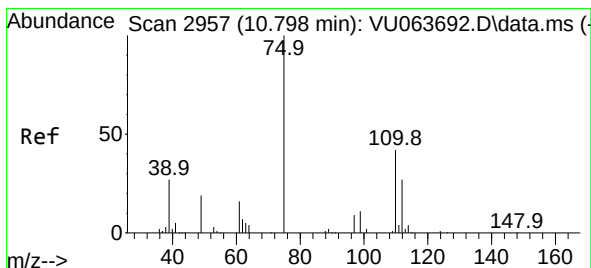
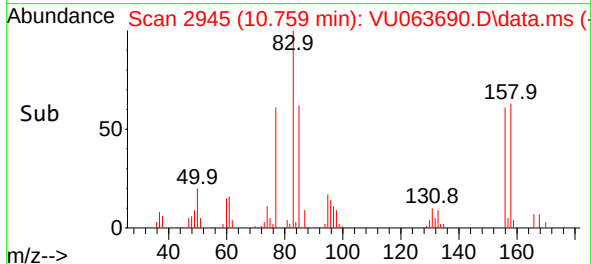
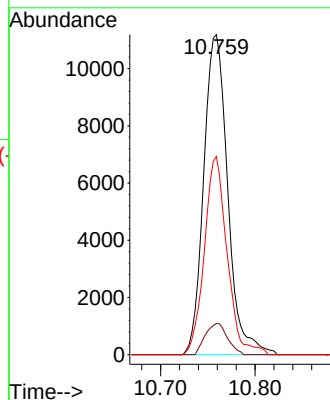
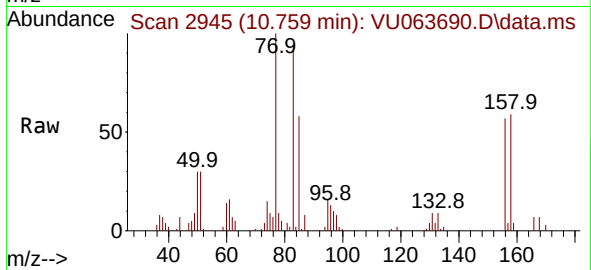
Tgt Ion: 83 Resp: 19768

Ion Ratio Lower Upper

83 100

131 8.9 4.8 14.4

85 58.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 5.187 ug/l

RT: 10.801 min Scan# 2958

Delta R.T. 0.003 min

Lab File: VU063690.D

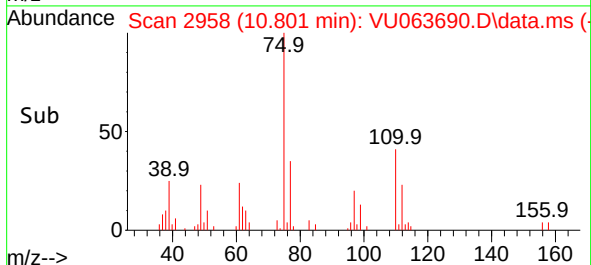
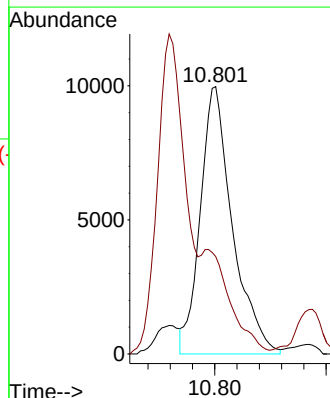
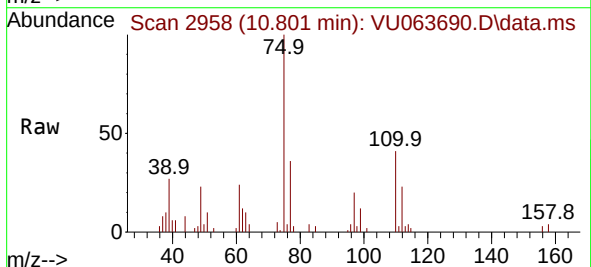
Acq: 10 Nov 2025 11:20

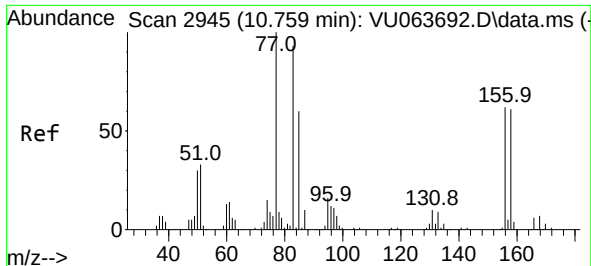
Tgt Ion: 75 Resp: 19980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

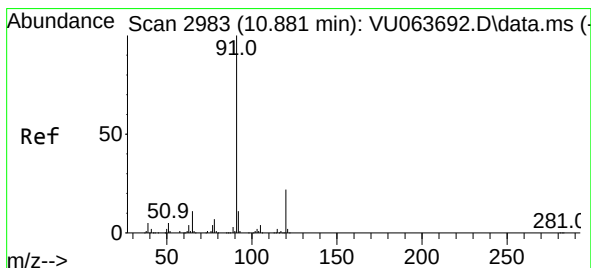
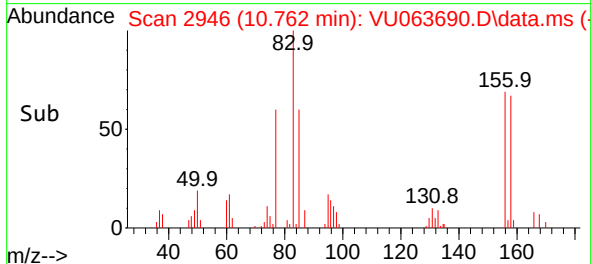
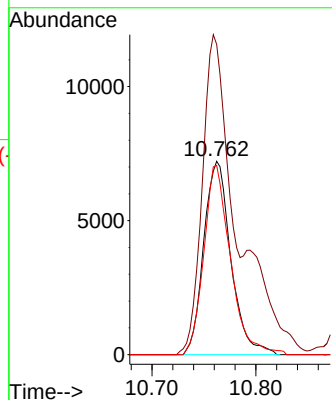
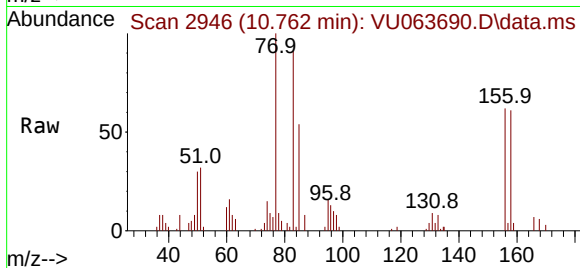




#77
Bromobenzene
Concen: 5.303 ug/l
RT: 10.762 min Scan# 2946
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

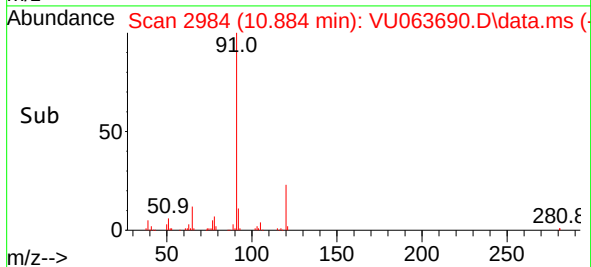
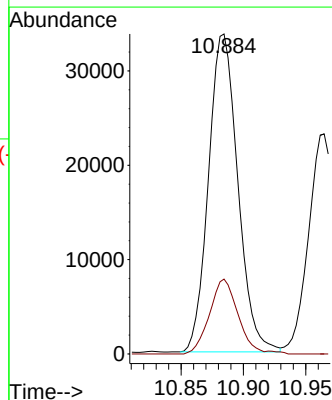
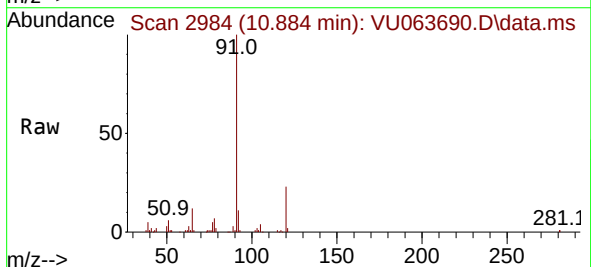
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

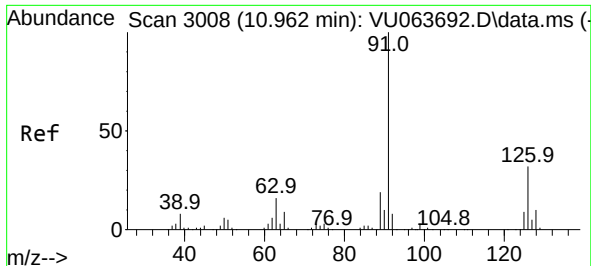
Tgt Ion:156 Resp: 13093
Ion Ratio Lower Upper
156 100
77 158.6 81.4 244.2
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 4.903 ug/l
RT: 10.884 min Scan# 2984
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 91 Resp: 55194
Ion Ratio Lower Upper
91 100
120 23.0 11.2 33.6





#79

2-Chlorotoluene

Concen: 5.202 ug/l

RT: 10.965 min Scan# 3008

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

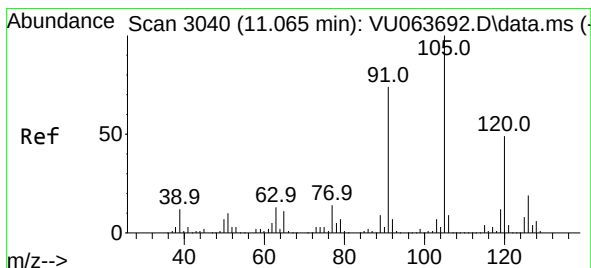
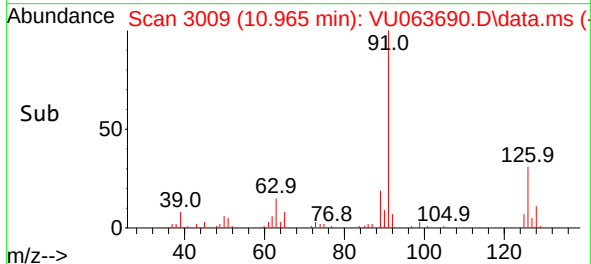
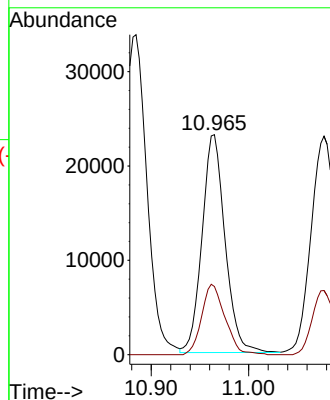
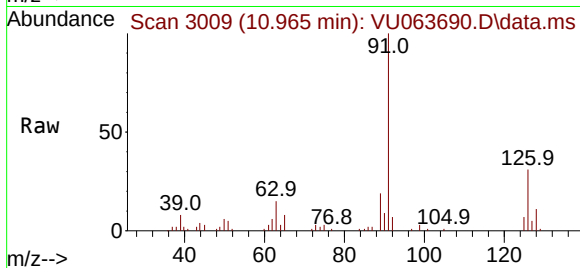
VSTDIC005

Tgt Ion: 91 Resp: 37846

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 5.101 ug/l

RT: 11.064 min Scan# 3040

Delta R.T. -0.000 min

Lab File: VU063690.D

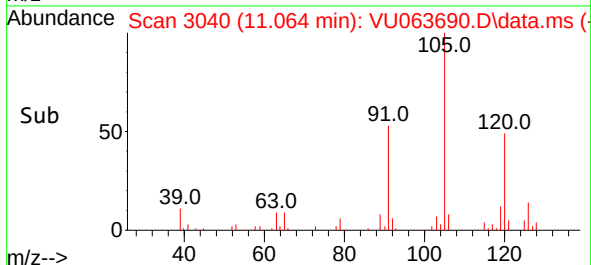
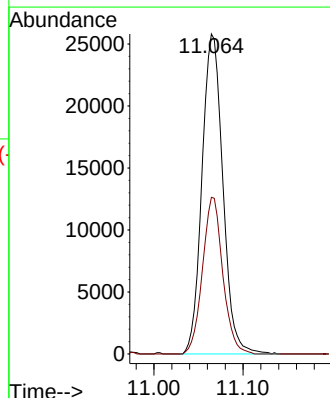
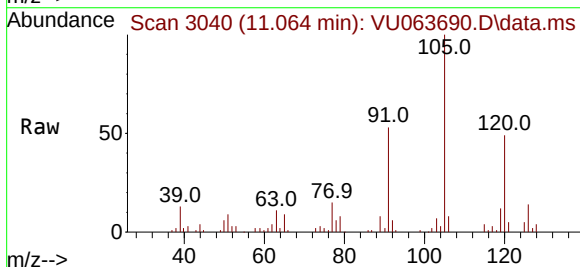
Acq: 10 Nov 2025 11:20

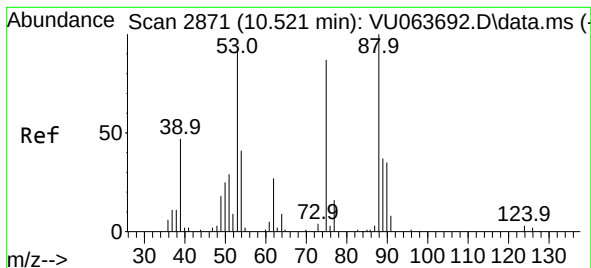
Tgt Ion: 105 Resp: 41970

Ion Ratio Lower Upper

105 100

120 47.6 24.1 72.2

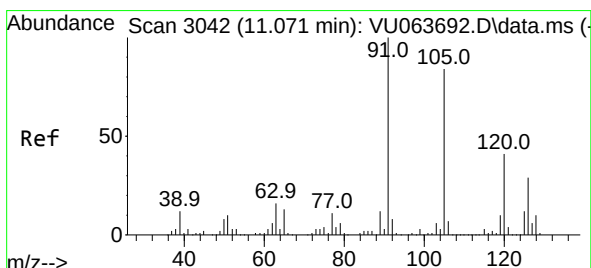
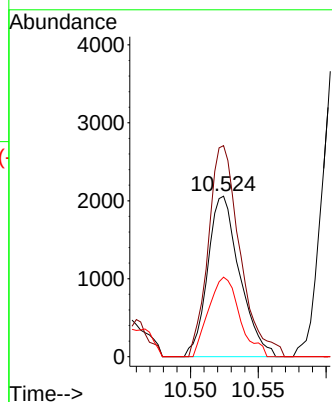
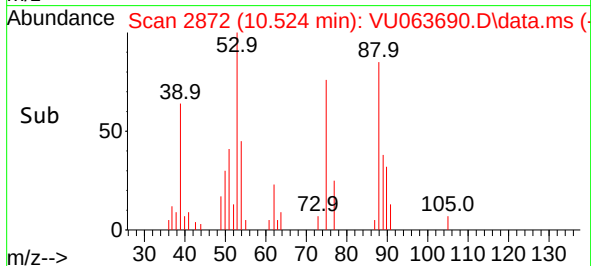
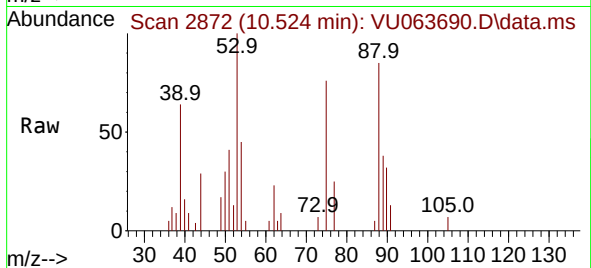




#81
trans-1,4-Dichloro-2-butene
Concen: 4.575 ug/l
RT: 10.524 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

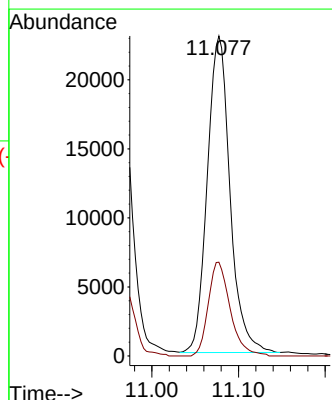
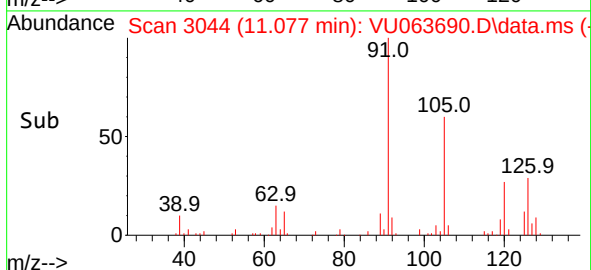
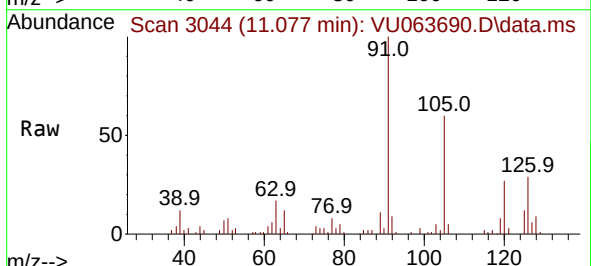
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

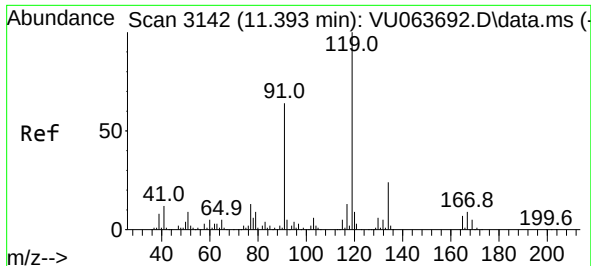
Tgt Ion: 75 Resp: 3380
Ion Ratio Lower Upper
75 100
53 129.8 86.5 129.7#
89 48.2 35.2 52.8



#82
4-Chlorotoluene
Concen: 5.058 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 91 Resp: 41820
Ion Ratio Lower Upper
91 100
126 28.6 14.2 42.8

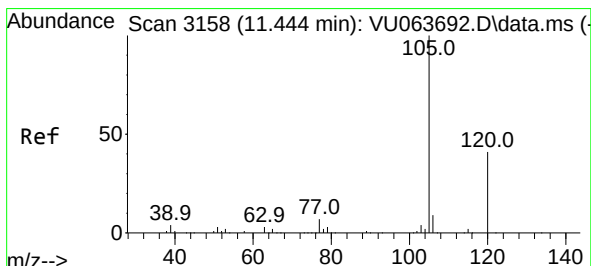
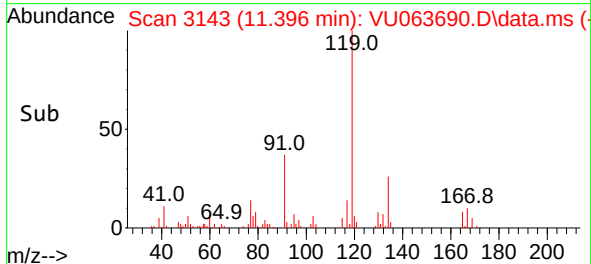
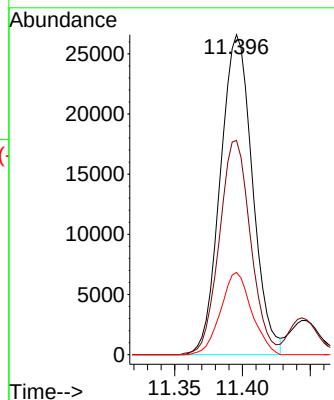
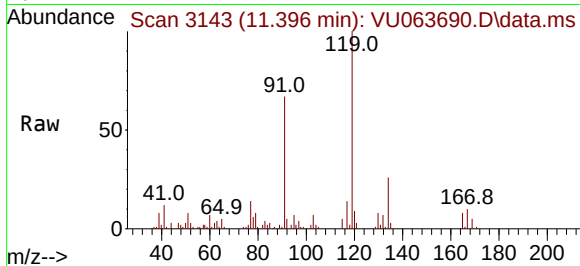




#83
 tert-Butylbenzene
 Concen: 5.112 ug/l
 RT: 11.396 min Scan# 3142
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

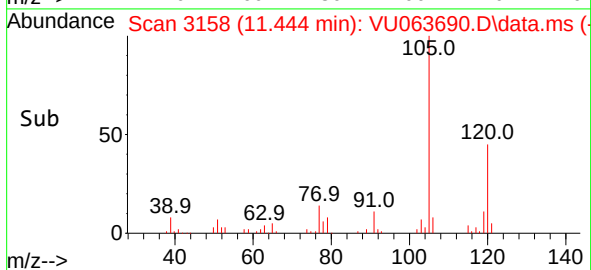
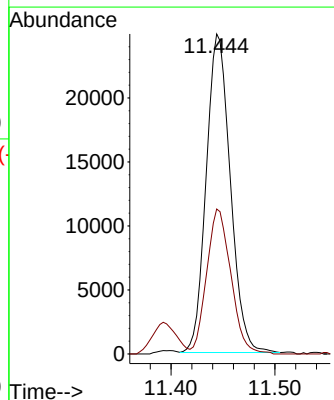
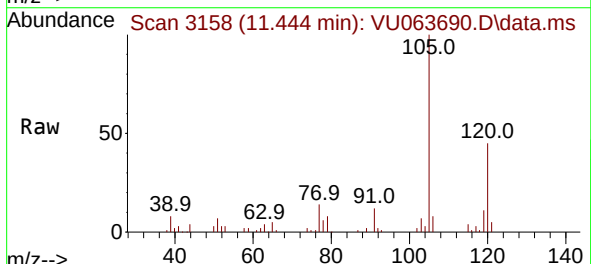
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

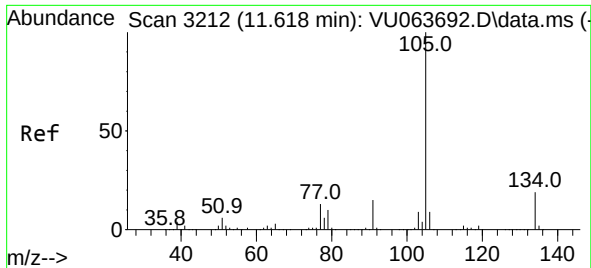
Tgt Ion:119	Resp:	43813
Ion Ratio	Lower	Upper
119	100	
91	65.2	30.8 92.3
134	24.8	11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 4.964 ug/l
 RT: 11.444 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion:105	Resp:	40076
Ion Ratio	Lower	Upper
105	100	
120	45.7	22.4 67.3

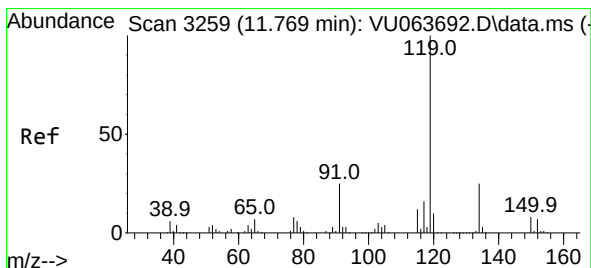
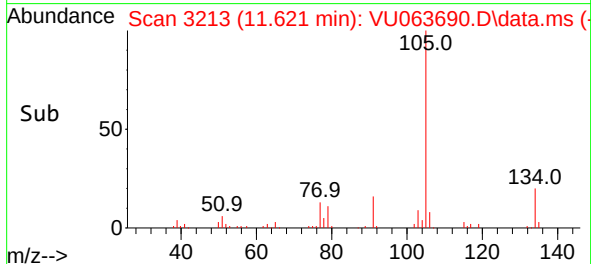
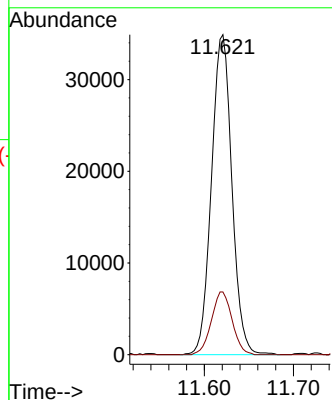
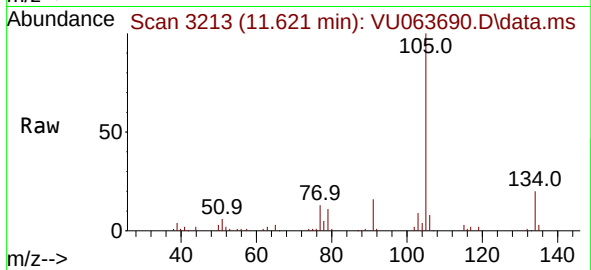




#85
 sec-Butylbenzene
 Concen: 5.126 ug/l
 RT: 11.621 min Scan# 3213
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

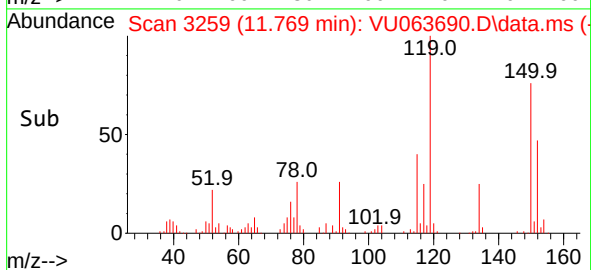
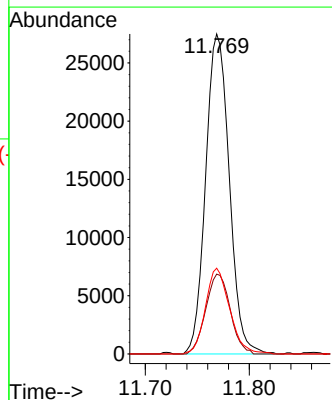
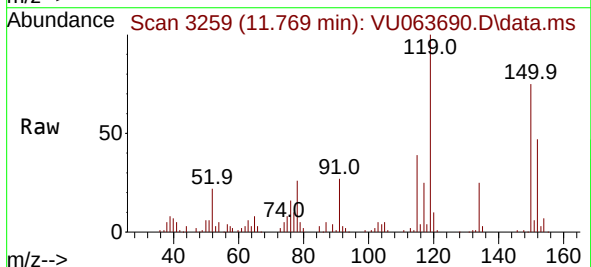
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

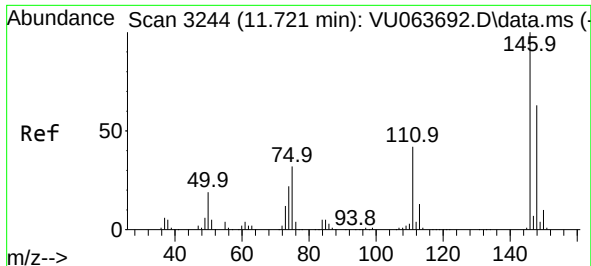
Tgt Ion:105 Resp: 55499
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.992 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion:119 Resp: 43388
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.6
 91 27.4 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 5.169 ug/l

RT: 11.724 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

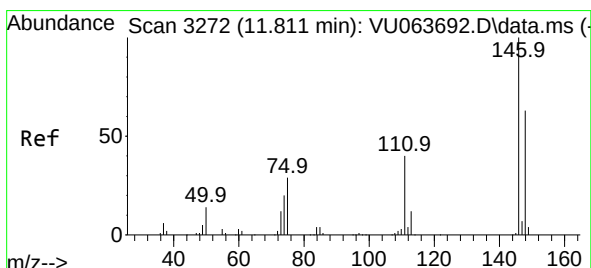
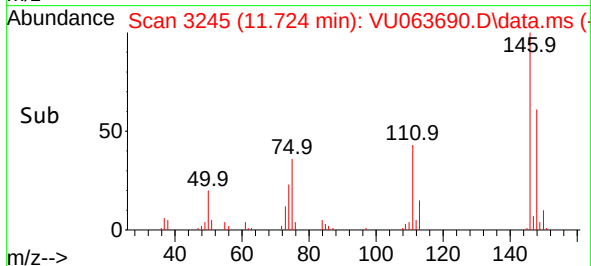
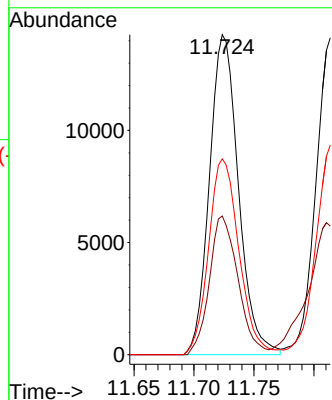
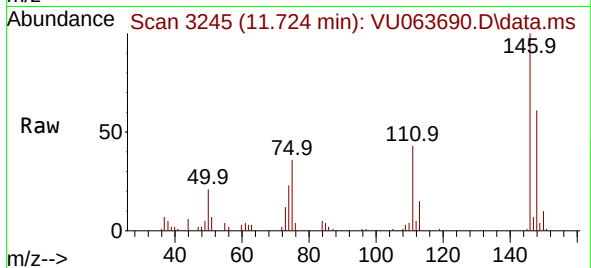
Tgt Ion:146 Resp: 23973

Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.8

148 64.1 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.170 ug/l

RT: 11.814 min Scan# 3273

Delta R.T. 0.003 min

Lab File: VU063690.D

Acq: 10 Nov 2025 11:20

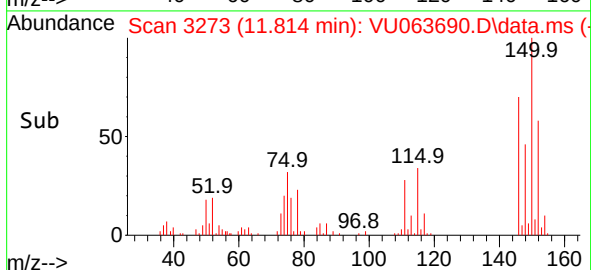
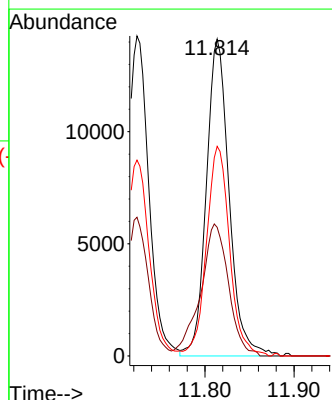
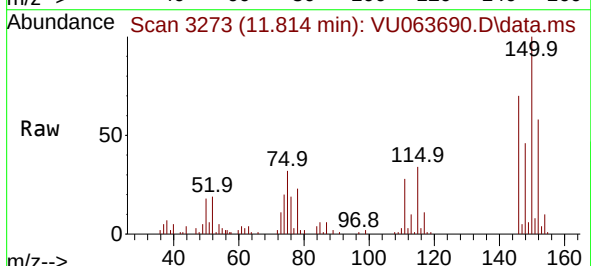
Tgt Ion:146 Resp: 25087

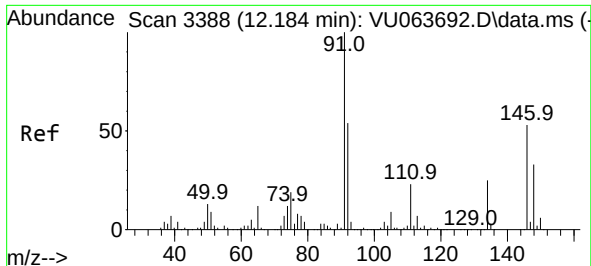
Ion Ratio Lower Upper

146 100

111 51.6 20.4 61.3

148 67.2 31.4 94.3

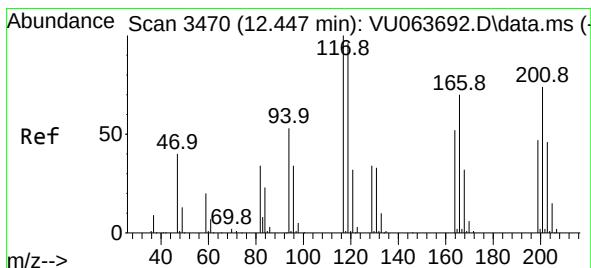
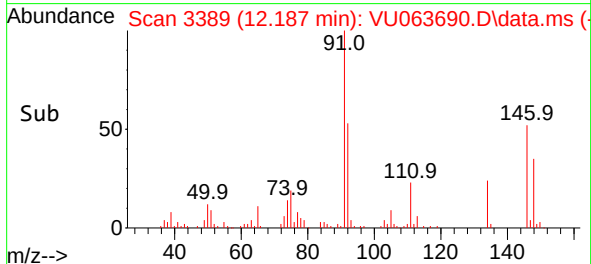
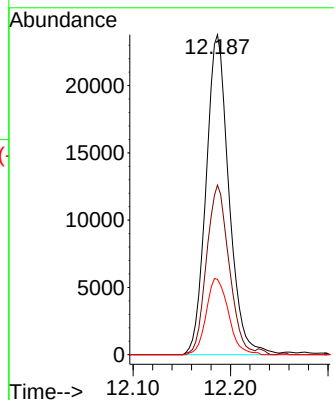
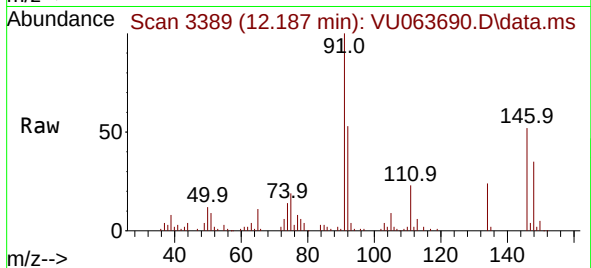




#89
n-Butylbenzene
Concen: 4.848 ug/l
RT: 12.187 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

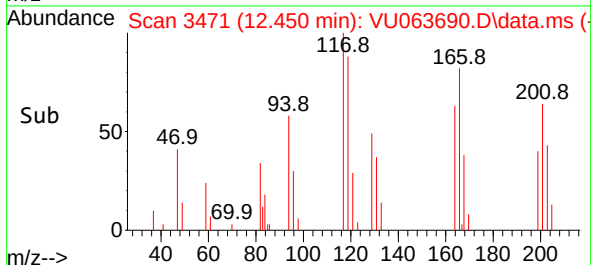
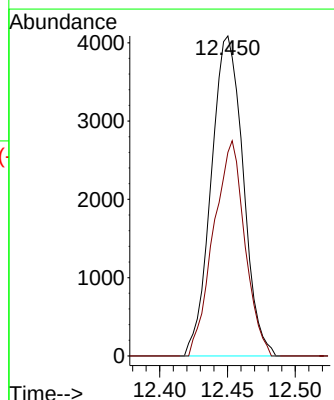
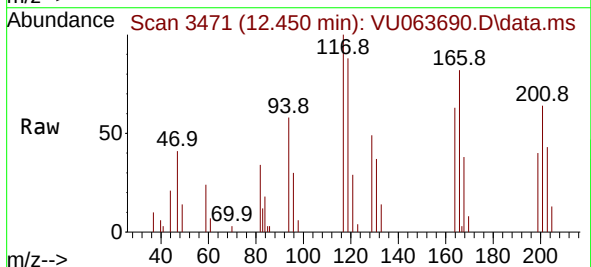
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

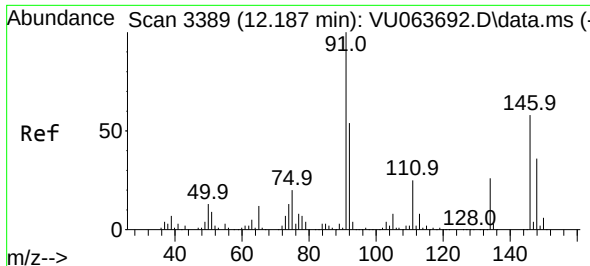
Tgt Ion: 91 Resp: 38692
Ion Ratio Lower Upper
91 100
92 52.2 27.0 81.0
134 23.2 12.4 37.4



#90
Hexachloroethane
Concen: 5.053 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion: 117 Resp: 6699
Ion Ratio Lower Upper
117 100
201 66.0 36.6 109.8

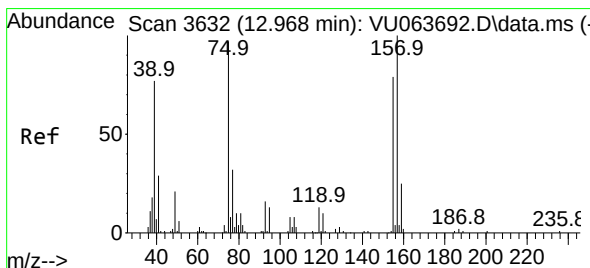
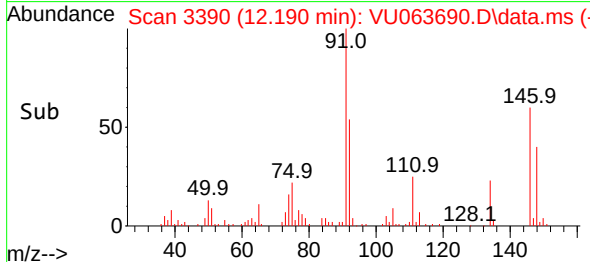
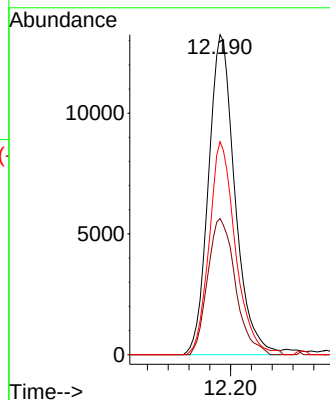
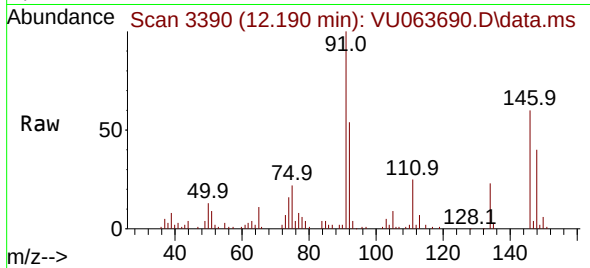




#91
 1,2-Dichlorobenzene
 Concen: 5.056 ug/l
 RT: 12.190 min Scan# 3389
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

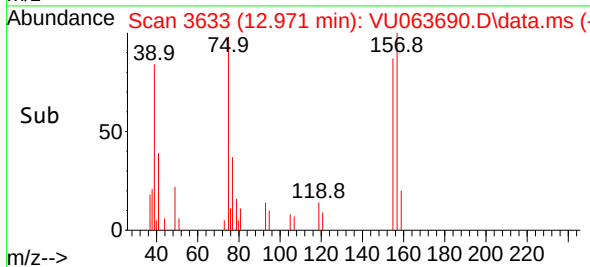
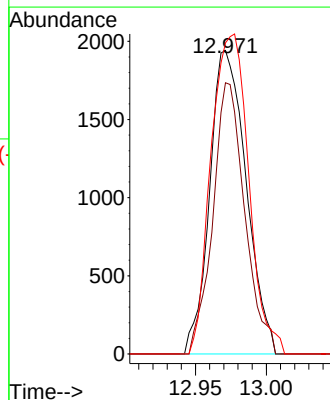
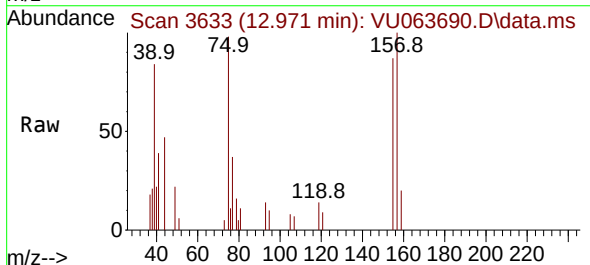
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

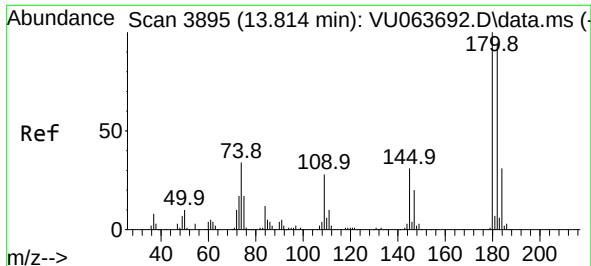
Tgt Ion:146 Resp: 23414
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.8 65.3
 148 66.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.501 ug/l
 RT: 12.971 min Scan# 3633
 Delta R.T. 0.003 min
 Lab File: VU063690.D
 Acq: 10 Nov 2025 11:20

Tgt Ion: 75 Resp: 3475
 Ion Ratio Lower Upper
 75 100
 155 78.1 40.5 121.4
 157 108.9 50.4 151.3

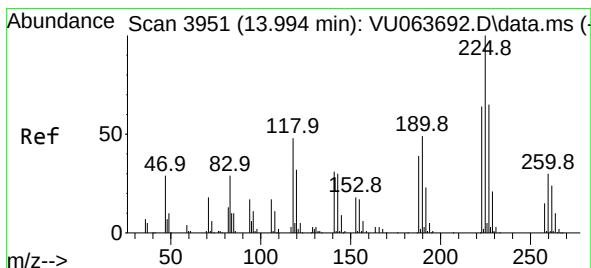
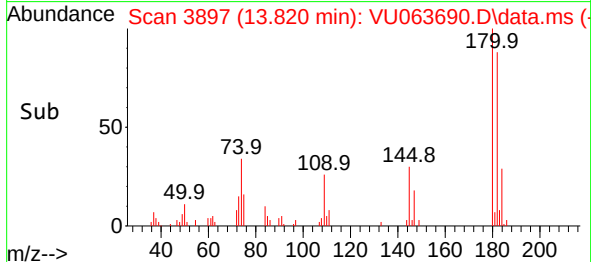
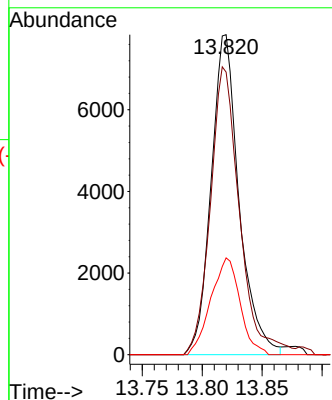
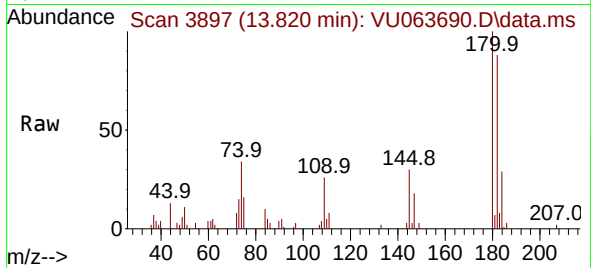




#93
1,2,4-Trichlorobenzene
Concen: 4.303 ug/l
RT: 13.820 min Scan# 3897
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

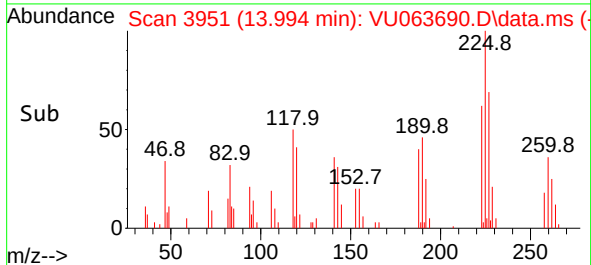
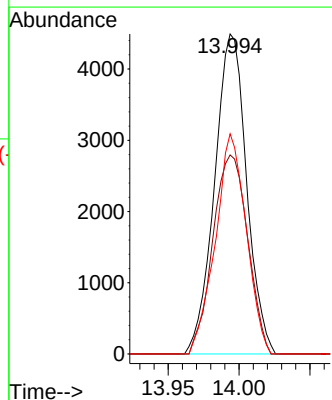
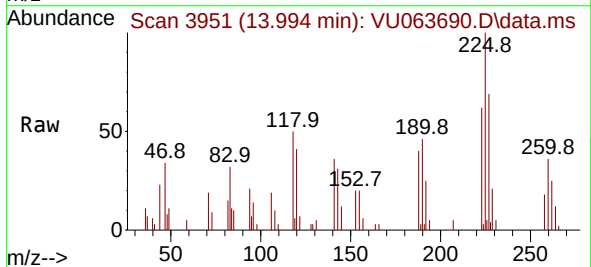
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

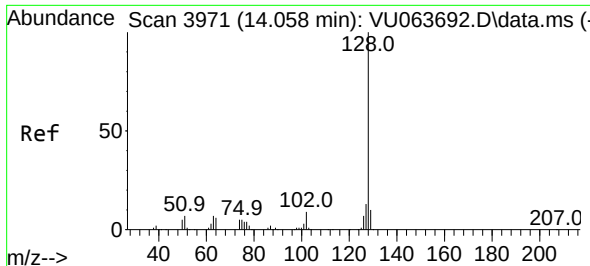
Tgt Ion:180 Resp: 12705
Ion Ratio Lower Upper
180 100
182 93.5 47.6 142.9
145 31.6 15.9 47.6



#94
Hexachlorobutadiene
Concen: 4.749 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:225 Resp: 7065
Ion Ratio Lower Upper
225 100
223 67.5 31.6 94.8
227 66.1 32.4 97.0

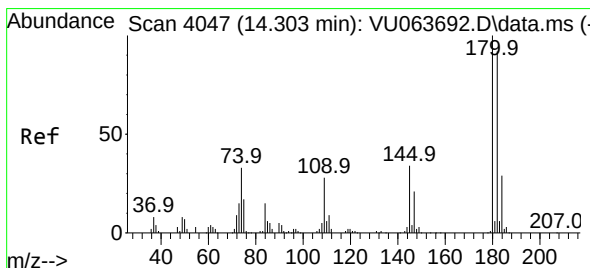
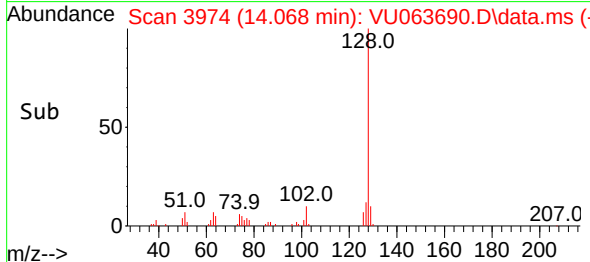
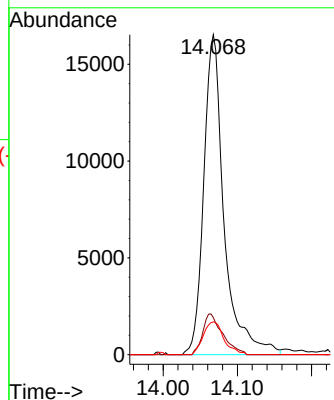
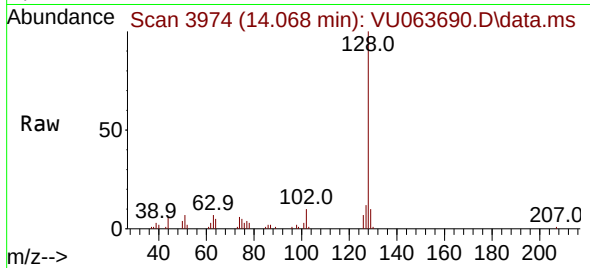




#95
Naphthalene
Concen: 3.927 ug/l
RT: 14.068 min Scan# 3971
Delta R.T. 0.009 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion:128	Resp:	31409
Ion Ratio	Lower	Upper
128	100	
127	12.5	9.9 14.9
129	10.5	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 4.313 ug/l
RT: 14.309 min Scan# 4049
Delta R.T. 0.006 min
Lab File: VU063690.D
Acq: 10 Nov 2025 11:20

Tgt Ion:180	Resp:	11838
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.3 142.0
145	32.9	16.6 49.7

