

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
 Data File : VU063647.D
 Acq On : 25 Sep 2025 17:32
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 26 06:38:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	136412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	244046	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	230677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	106957	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.698	65	10924	3.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	6.220%#
35) Dibromofluoromethane	5.284	113	7161	5.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.840%#
50) Toluene-d8	7.891	98	26820	6.270	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	12.540%#
62) 4-Bromofluorobenzene	10.627	95	9906	5.165	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	6197	4.880	ug/l	99
3) Chloromethane	1.515	50	8111	4.871	ug/l	99
4) Vinyl Chloride	1.596	62	9705	5.117	ug/l	96
5) Bromomethane	1.827	94	8156	5.880	ug/l	100
6) Chloroethane	1.911	64	6641	5.157	ug/l	98
7) Trichlorofluoromethane	2.123	101	14453	5.184	ug/l	97
8) Diethyl Ether	2.367	74	5853	5.356	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.563	101	8421	5.541	ug/l	100
10) Methyl Iodide	2.705	142	6856	3.639	ug/l	99
11) Tert butyl alcohol	3.177	59	16119	21.963	ug/l #	83
12) 1,1-Dichloroethene	2.563	96	8081	5.378	ug/l	92
13) Acrolein	2.473	56	1655	24.075	ug/l	91
14) Allyl chloride	2.911	41	11520	5.173	ug/l	94
15) Acrylonitrile	3.306	53	25912	24.374	ug/l	99
16) Acetone	2.615	43	36471	20.329	ug/l	94
17) Carbon Disulfide	2.776	76	12855	4.185	ug/l #	95
18) Methyl Acetate	2.943	43	11920	4.784	ug/l	90
19) Methyl tert-butyl Ether	3.354	73	22708	4.897	ug/l	97
20) Methylene Chloride	3.030	84	10350	4.732	ug/l	98
21) trans-1,2-Dichloroethene	3.341	96	7136	4.831	ug/l	94
22) Diisopropyl ether	3.978	45	22363	4.880	ug/l #	39
23) Vinyl Acetate	3.952	43	73555	21.999	ug/l	98
24) 1,1-Dichloroethane	3.853	63	15518	5.395	ug/l	97
25) 2-Butanone	4.708	43	32707	24.327	ug/l	99
26) 2,2-Dichloropropane	4.647	77	9396	5.109	ug/l #	74
27) cis-1,2-Dichloroethene	4.660	96	9451	5.136	ug/l	97
28) Bromochloromethane	4.959	49	4991	4.007	ug/l #	91
29) Tetrahydrofuran	5.049	42	22194	24.038	ug/l	97
30) Chloroform	5.074	83	15587	5.072	ug/l	98
31) Cyclohexane	5.367	56	15117	5.796	ug/l #	90
32) 1,1,1-Trichloroethane	5.300	97	11149	4.631	ug/l	98
36) 1,1-Dichloropropene	5.515	75	9670	4.665	ug/l	100
37) Ethyl Acetate	4.817	43	10882	3.841	ug/l #	88
38) Carbon Tetrachloride	5.509	117	8689	4.443	ug/l	98
39) Methylcyclohexane	6.746	83	12204	4.682	ug/l	97
40) Benzene	5.766	78	33117	4.922	ug/l	97

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Sep 26 06:38:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.978	41	5312	4.339	ug/l	97
42) 1,2-Dichloroethane	5.788	62	12478	5.075	ug/l	100
43) Isopropyl Acetate	5.910	43	16958	4.825	ug/l	97
44) Trichloroethene	6.537	130	8570	4.909	ug/l	96
45) 1,2-Dichloropropane	6.782	63	8565	5.066	ug/l	90
46) Dibromomethane	6.910	93	6468	4.930	ug/l	95
47) Bromodichloromethane	7.094	83	9789	4.553	ug/l #	89
48) Methyl methacrylate	6.959	41	7805	4.152	ug/l	94
49) 1,4-Dioxane	6.959	88	4629	93.500	ug/l	96
51) 4-Methyl-2-Pentanone	7.782	43	65302	23.520	ug/l	96
52) Toluene	7.962	92	20510	5.019	ug/l	95
53) t-1,3-Dichloropropene	8.209	75	6723	3.921	ug/l	91
54) cis-1,3-Dichloropropene	7.602	75	8180	4.022	ug/l	92
55) 1,1,2-Trichloroethane	8.389	97	8467	5.034	ug/l	89
56) Ethyl methacrylate	8.328	69	10286	4.990	ug/l	97
57) 1,3-Dichloropropane	8.566	76	14093	4.963	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.473	63	1036	23.336	ug/l #	65
59) 2-Hexanone	8.679	43	45906	22.545	ug/l	93
60) Dibromochloromethane	8.798	129	6526	4.259	ug/l	100
61) 1,2-Dibromoethane	8.914	107	7852	4.643	ug/l	93
64) Tetrachloroethene	8.544	164	8190	4.811	ug/l	94
65) Chlorobenzene	9.438	112	23489	4.956	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.524	131	6394	4.676	ug/l	89
67) Ethyl Benzene	9.563	91	37527	4.716	ug/l	99
68) m/p-Xylenes	9.685	106	26980	9.084	ug/l	97
69) o-Xylene	10.094	106	13576	4.721	ug/l	98
70) Styrene	10.113	104	20561	4.408	ug/l	97
71) Bromoform	10.283	173	3939	7.468	ug/l #	100
73) Isopropylbenzene	10.476	105	36003	5.300	ug/l	96
74) N-amyl acetate	10.319	43	10711	4.537	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.772	83	13134	5.235	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	13788	5.326	ug/l #	100
77) Bromobenzene	10.778	156	8885	5.134	ug/l	98
78) n-propylbenzene	10.897	91	40498	5.047	ug/l	99
79) 2-Chlorotoluene	10.978	91	26835	5.254	ug/l	99
80) 1,3,5-Trimethylbenzene	11.081	105	28758	5.013	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.541	75	1766	4.321	ug/l #	83
82) 4-Chlorotoluene	11.090	91	28251	5.036	ug/l	100
83) tert-Butylbenzene	11.412	119	27905	5.057	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	27782	4.918	ug/l	98
85) sec-Butylbenzene	11.637	105	35964	4.992	ug/l	99
86) p-Isopropyltoluene	11.785	119	28972	4.893	ug/l	96
87) 1,3-Dichlorobenzene	11.740	146	16177	5.020	ug/l	97
88) 1,4-Dichlorobenzene	11.830	146	17021	5.033	ug/l	90
89) n-Butylbenzene	12.203	91	26962	5.109	ug/l	96
90) Hexachloroethane	12.463	117	3673	7.481	ug/l	93
91) 1,2-Dichlorobenzene	12.209	146	15678	4.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.994	75	2144	4.609	ug/l	90
93) 1,2,4-Trichlorobenzene	13.839	180	8226	4.561	ug/l	98
94) Hexachlorobutadiene	14.010	225	4801	5.285	ug/l	95
95) Naphthalene	14.090	128	19276	4.541	ug/l	96
96) 1,2,3-Trichlorobenzene	14.325	180	8022	4.435	ug/l	97

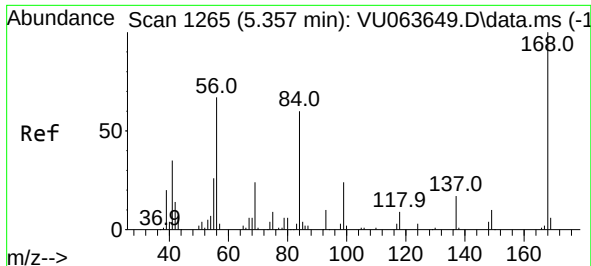
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092625\
Data File : VU063647.D
Acq On : 25 Sep 2025 17:32
Operator : MD/SY
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Fri Sep 26 06:28:53 2025
Response via : Initial Calibration

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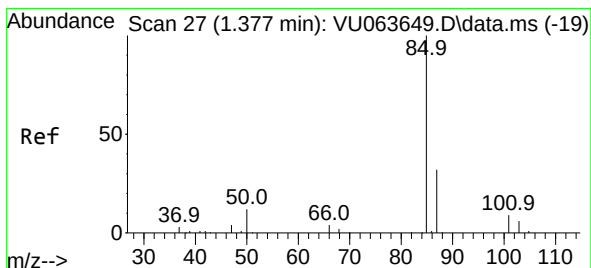
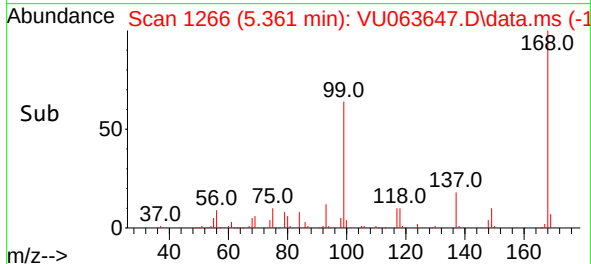
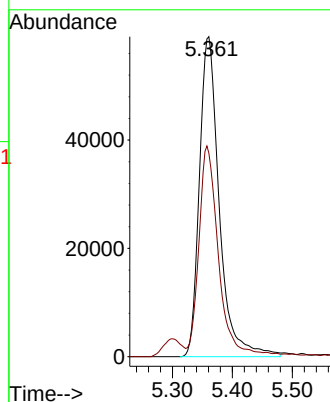
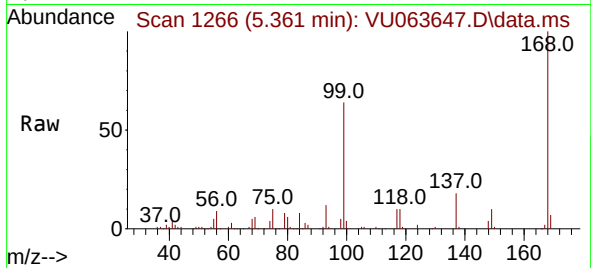
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. 0.004 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

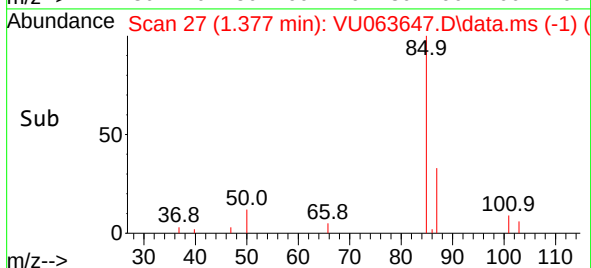
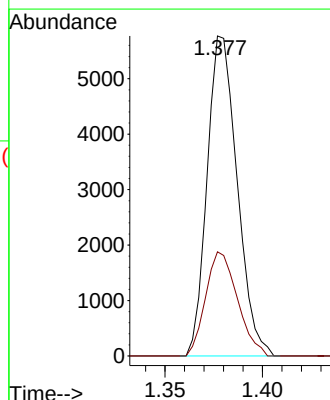
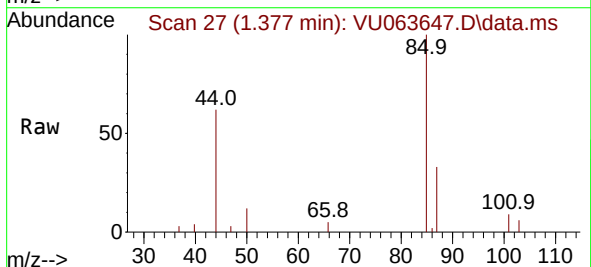
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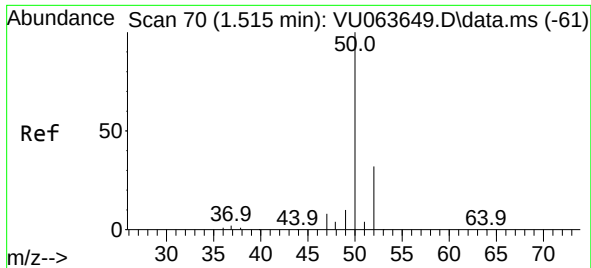
Tgt Ion:168 Resp: 136412
Ion Ratio Lower Upper
168 100
99 62.8 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 4.880 ug/l
RT: 1.377 min Scan# 27
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 85 Resp: 6197
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2

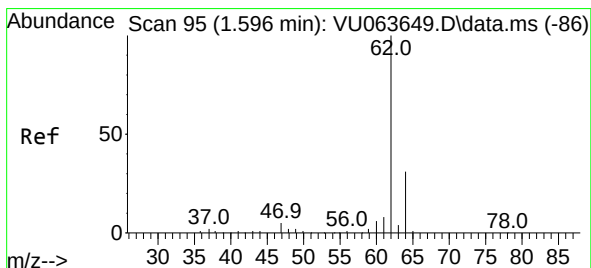
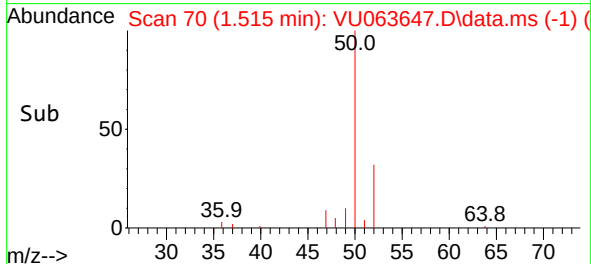
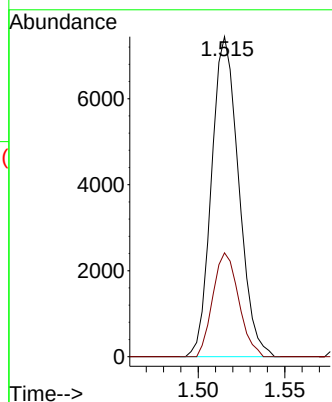
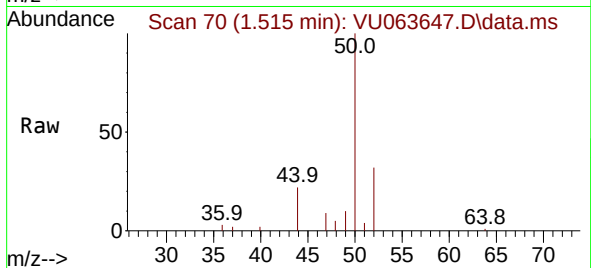




#3
 Chloromethane
 Concen: 4.871 ug/l
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

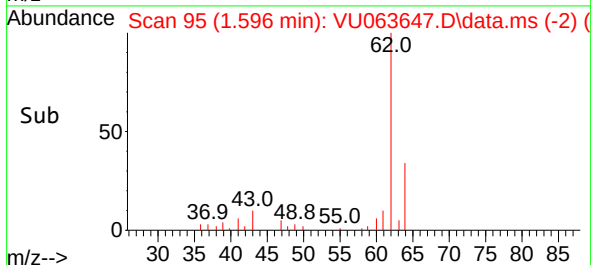
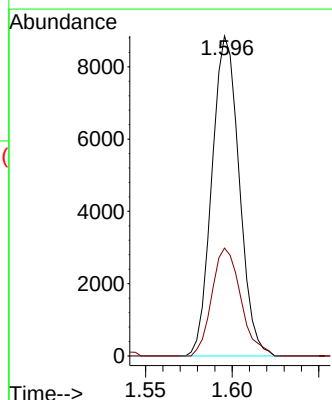
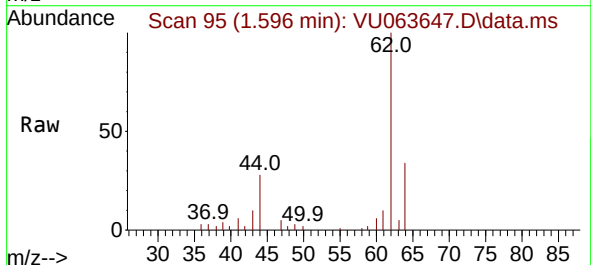
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

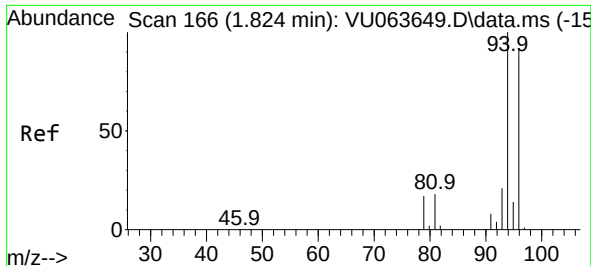
Tgt Ion: 50 Resp: 8111
 Ion Ratio Lower Upper
 50 100
 52 32.4 25.4 38.0



#4
 Vinyl Chloride
 Concen: 5.117 ug/l
 RT: 1.596 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 62 Resp: 9705
 Ion Ratio Lower Upper
 62 100
 64 33.7 25.2 37.8

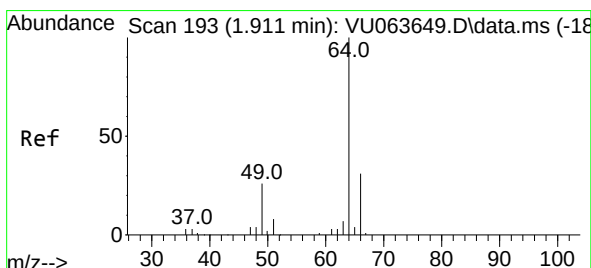
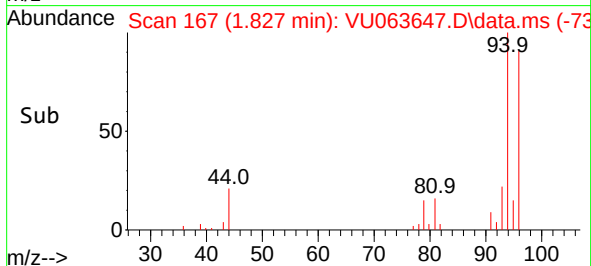
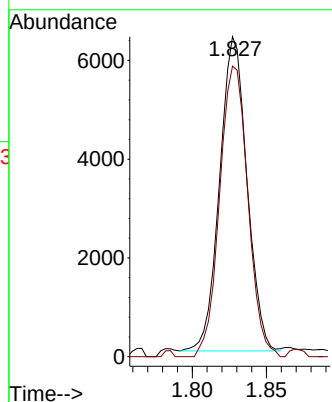
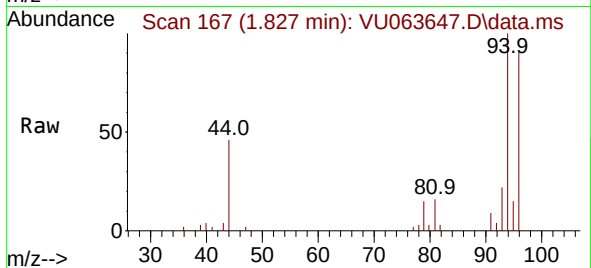




#5
Bromomethane
Concen: 5.880 ug/l
RT: 1.827 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

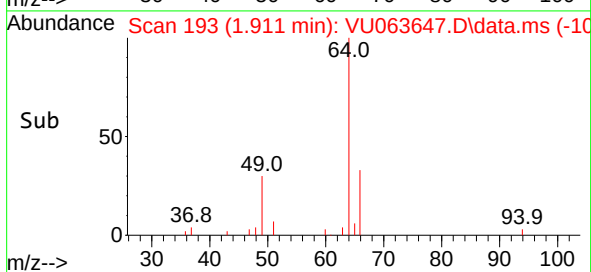
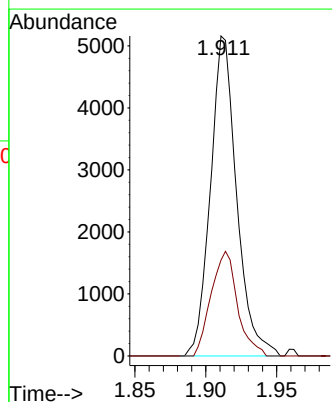
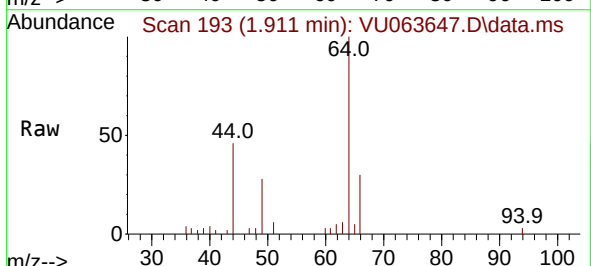
Instrument :
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ClientSampleId :
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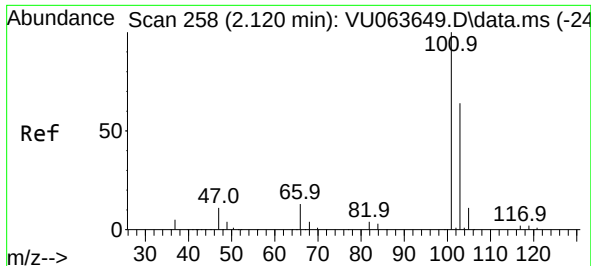
Tgt Ion: 94 Resp: 8156
Ion Ratio Lower Upper
94 100
96 92.5 73.7 110.5



#6
Chloroethane
Concen: 5.157 ug/l
RT: 1.911 min Scan# 193
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 64 Resp: 6641
Ion Ratio Lower Upper
64 100
66 30.0 24.9 37.3

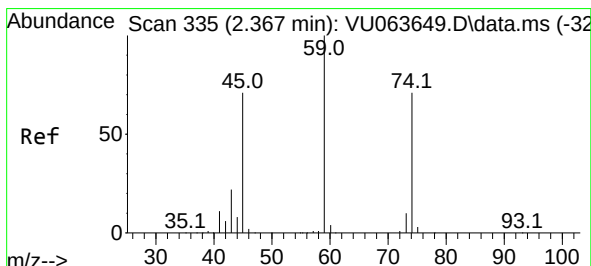
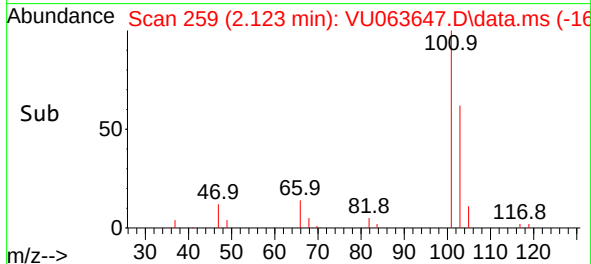
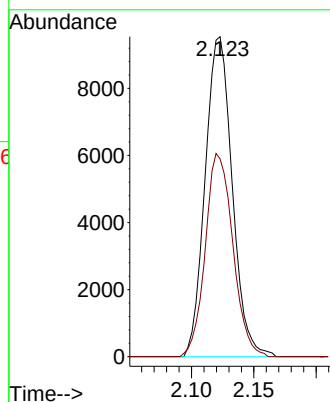
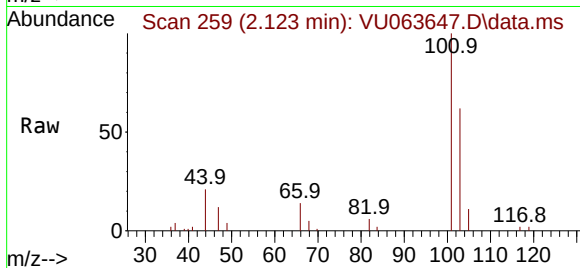




#7
 Trichlorofluoromethane
 Concen: 5.184 ug/l
 RT: 2.123 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

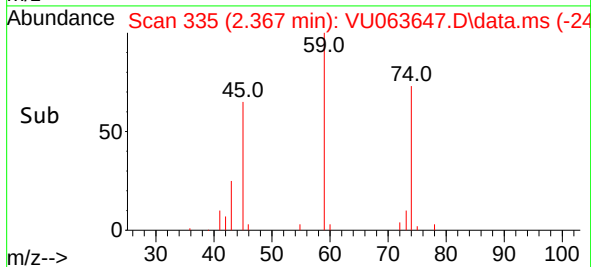
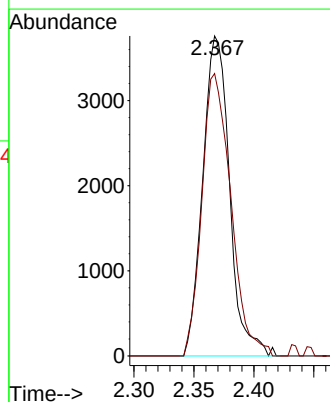
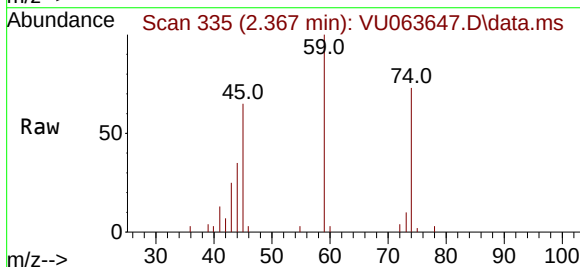
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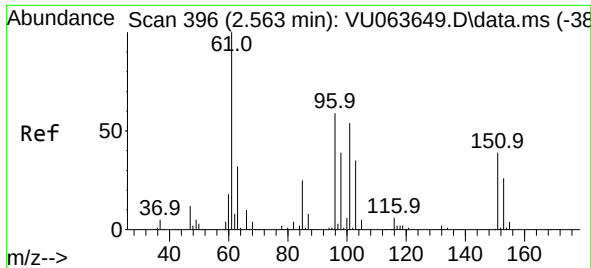
Tgt Ion:101 Resp: 14453
 Ion Ratio Lower Upper
 101 100
 103 61.9 51.3 76.9



#8
 Diethyl Ether
 Concen: 5.356 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. -0.000 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 74 Resp: 5853
 Ion Ratio Lower Upper
 74 100
 45 95.7 50.1 150.4

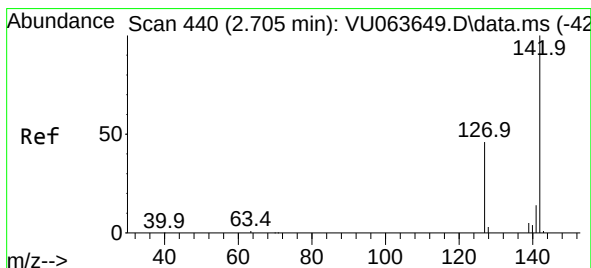
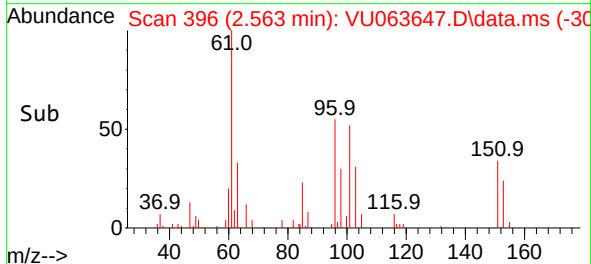
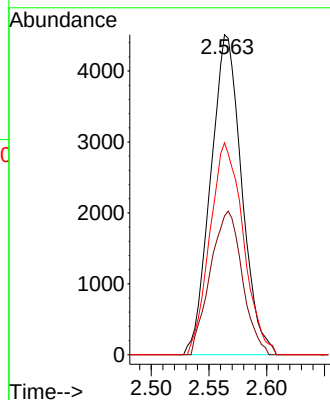
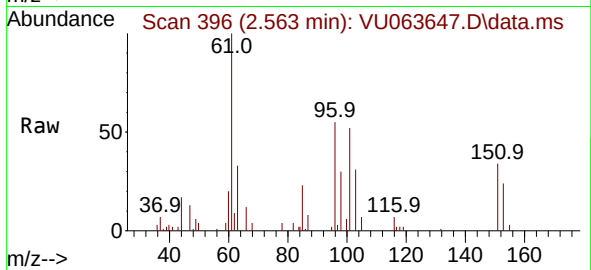




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.541 ug/l
RT: 2.563 min Scan# 396
Delta R.T. -0.000 min
Lab File: VU063647.D
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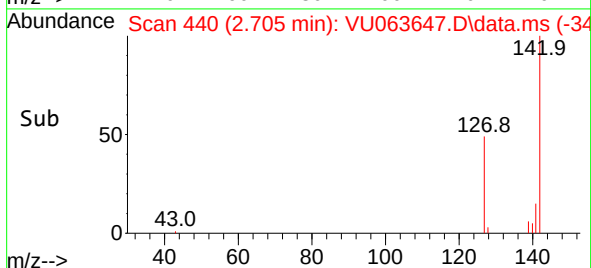
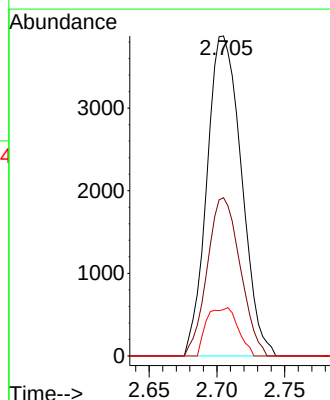
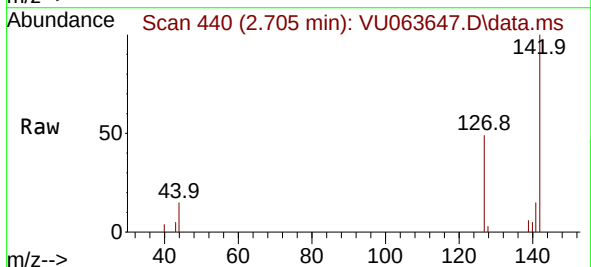
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

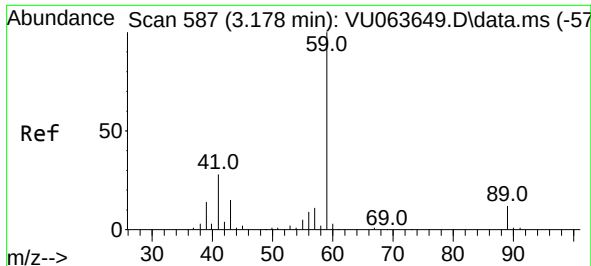
Tgt Ion:	101	Resp:	8421
Ion	Ratio	Lower	Upper
101	100		
85	46.2	36.8	55.2
151	71.2	57.2	85.8



#10
Methyl Iodide
Concen: 3.639 ug/l
RT: 2.705 min Scan# 440
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:	142	Resp:	6856
Ion	Ratio	Lower	Upper
142	100		
127	47.3	37.1	55.7
141	13.7	11.2	16.8

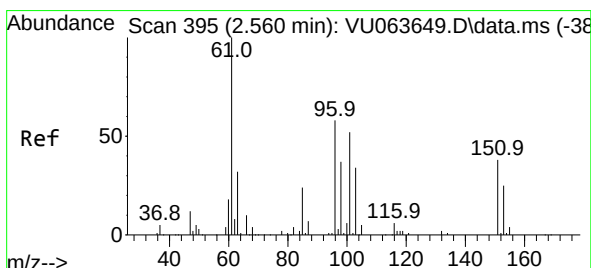
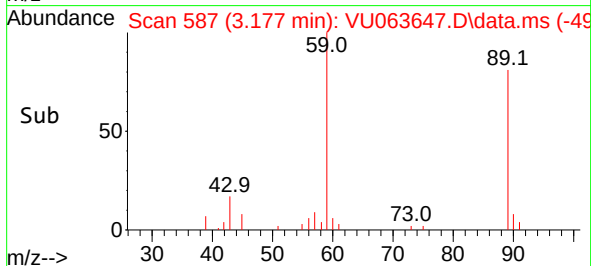
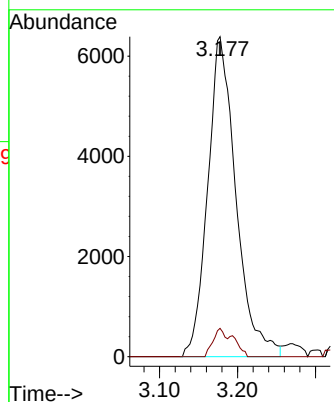
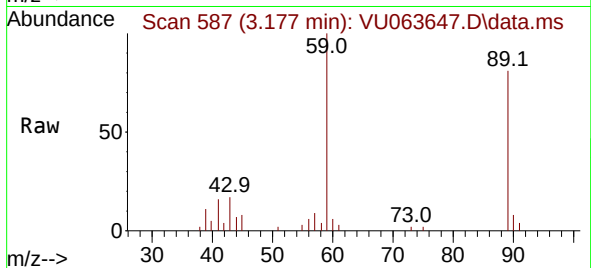




#11
Tert butyl alcohol
Concen: 21.963 ug/l
RT: 3.177 min Scan# 587
Delta R.T. -0.001 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

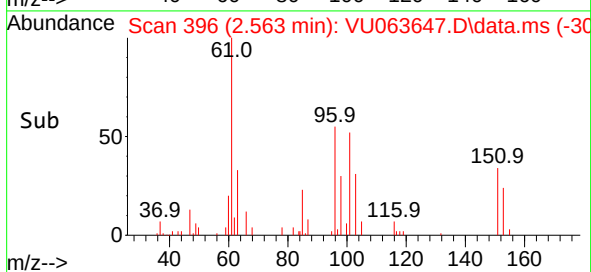
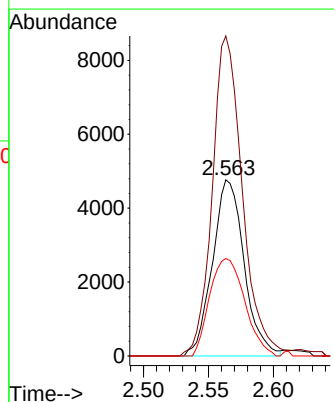
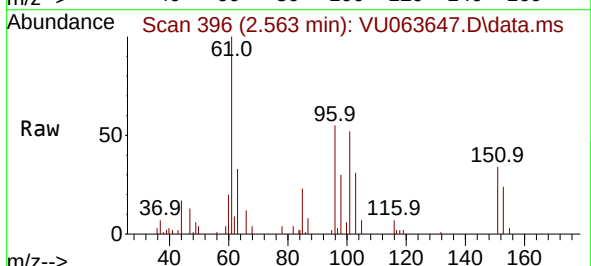
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

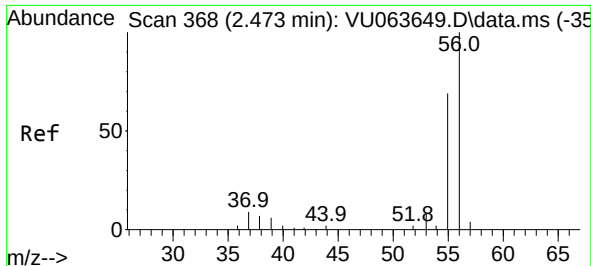
Tgt Ion: 59 Resp: 16119
Ion Ratio Lower Upper
59 100
57 4.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 5.378 ug/l
RT: 2.563 min Scan# 396
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 96 Resp: 8081
Ion Ratio Lower Upper
96 100
61 181.7 137.5 206.3
98 55.4 51.3 76.9





#13

Acrolein

Concen: 24.075 ug/l

RT: 2.473 min Scan# 3

Delta R.T. -0.000 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

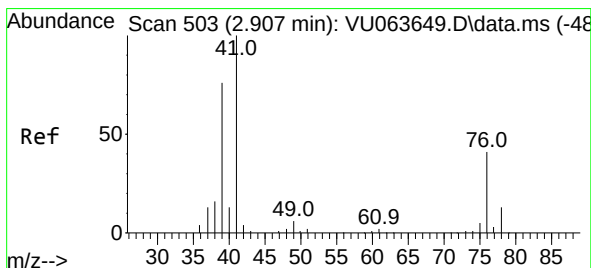
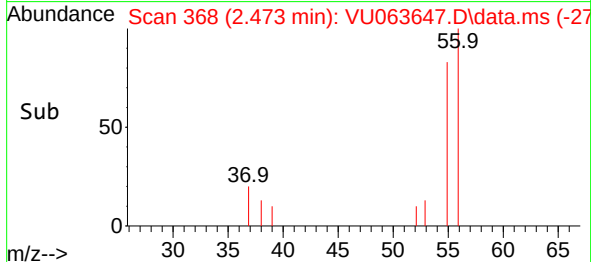
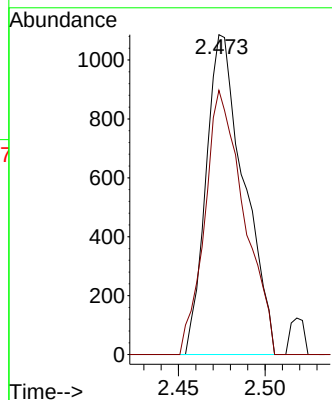
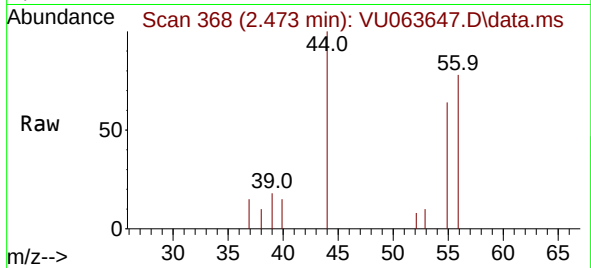
VSTDICC005

Tgt Ion: 56 Resp: 1655

Ion Ratio Lower Upper

56 100

55 85.6 62.1 93.1



#14

Allyl chloride

Concen: 5.173 ug/l

RT: 2.911 min Scan# 504

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

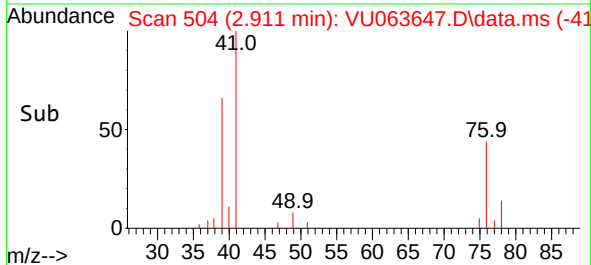
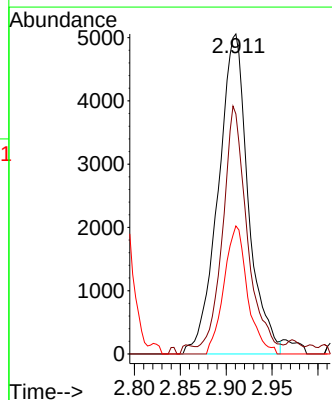
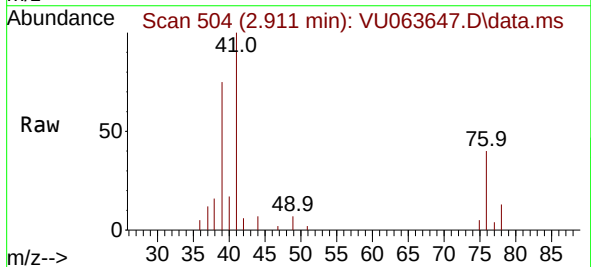
Tgt Ion: 41 Resp: 11520

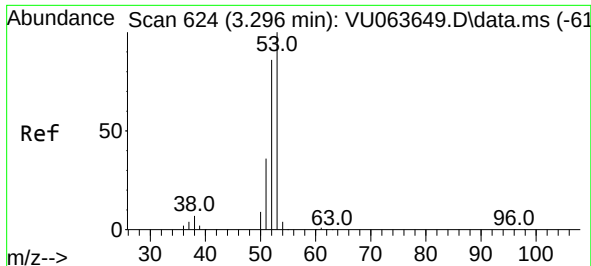
Ion Ratio Lower Upper

41 100

39 60.8 53.5 80.3

76 31.3 26.7 40.1





#15

Acrylonitrile

Concen: 24.374 ug/l

RT: 3.306 min Scan# 61

Delta R.T. 0.010 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

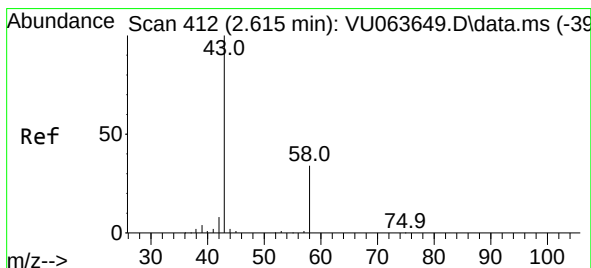
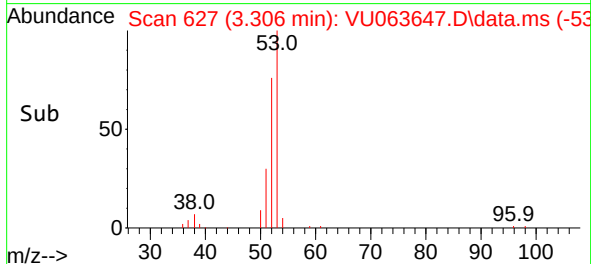
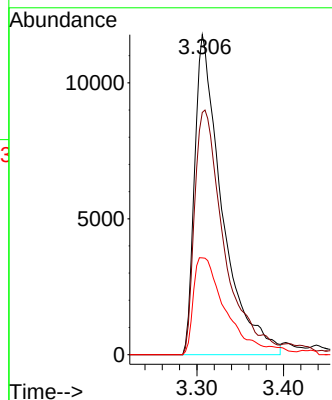
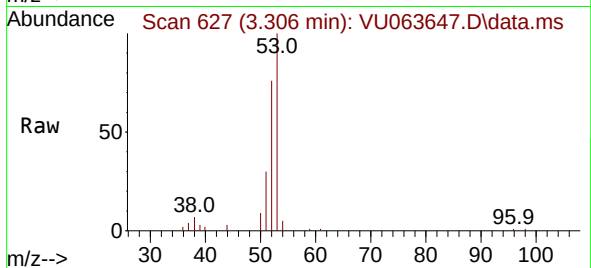
Tgt Ion: 53 Resp: 25912

Ion Ratio Lower Upper

53 100

52 82.6 66.6 99.8

51 34.9 28.9 43.3



#16

Acetone

Concen: 20.329 ug/l

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU063647.D

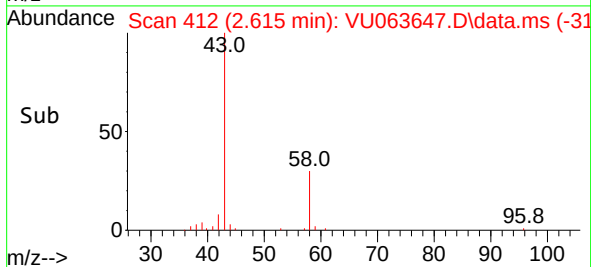
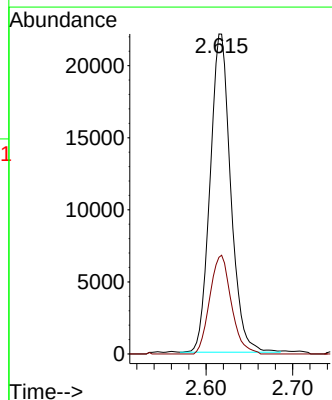
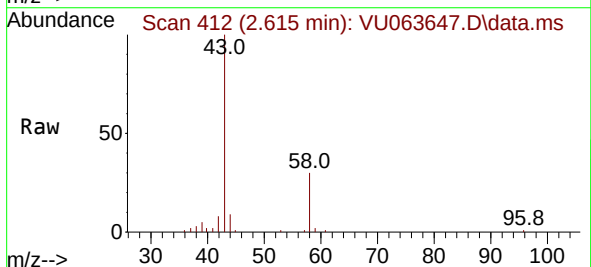
Acq: 25 Sep 2025 17:32

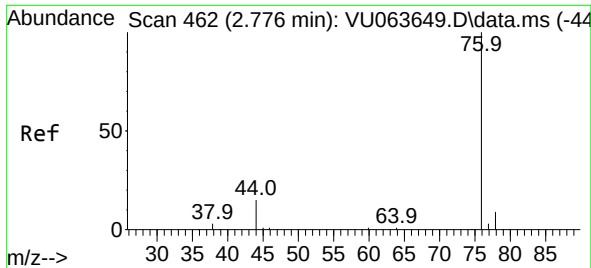
Tgt Ion: 43 Resp: 36471

Ion Ratio Lower Upper

43 100

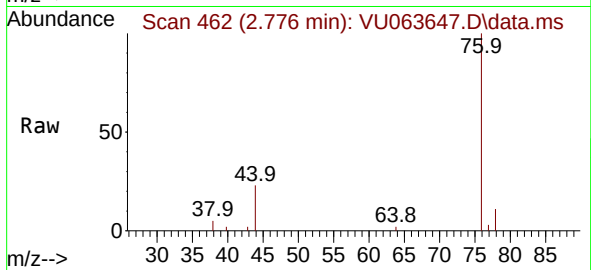
58 30.4 26.9 40.3



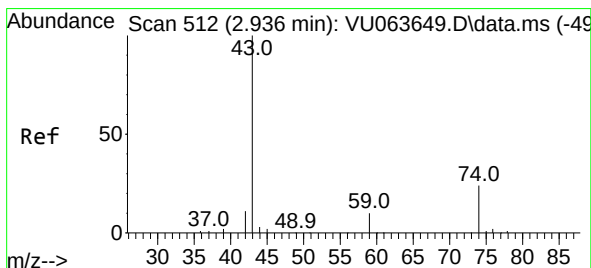
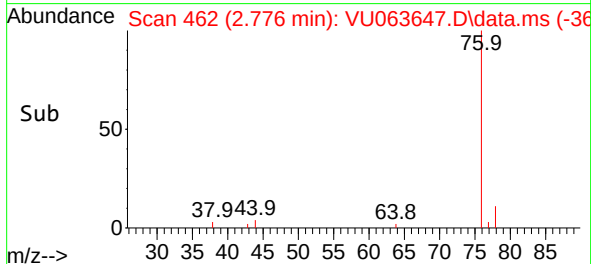
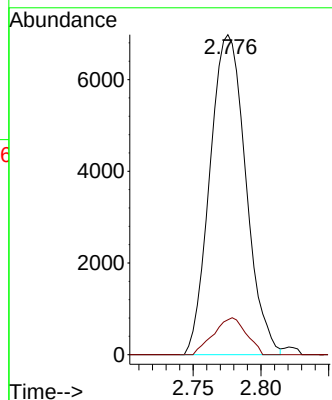


#17
Carbon Disulfide
Concen: 4.185 ug/l
RT: 2.776 min Scan# 462
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

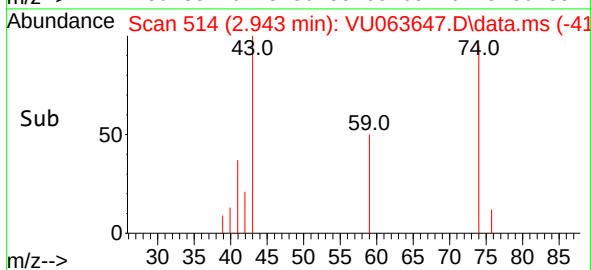
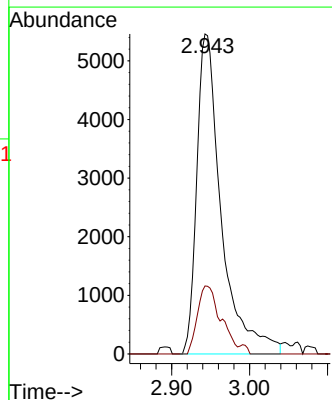
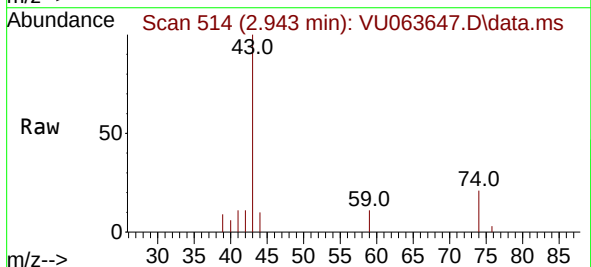


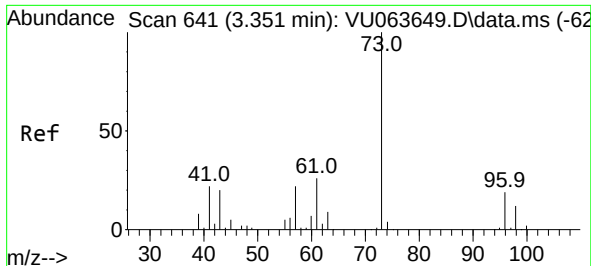
Tgt Ion: 76 Resp: 12855
Ion Ratio Lower Upper
76 100
78 10.9 7.2 10.8#



#18
Methyl Acetate
Concen: 4.784 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.006 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 43 Resp: 11920
Ion Ratio Lower Upper
43 100
74 20.2 20.1 30.1

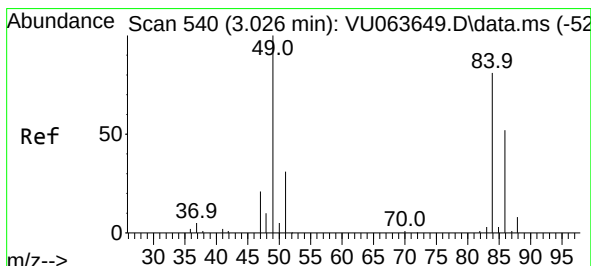
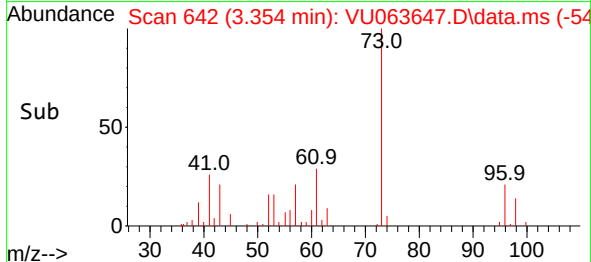
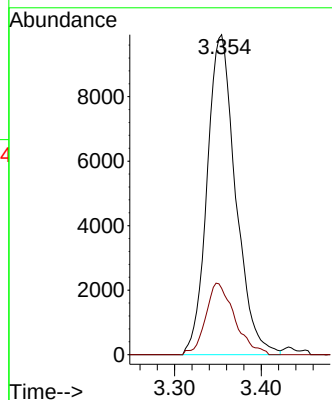
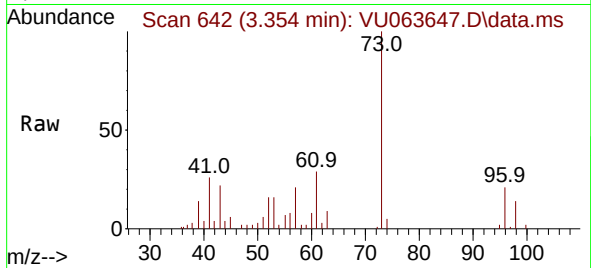




#19
Methyl tert-butyl Ether
Concen: 4.897 ug/l
RT: 3.354 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

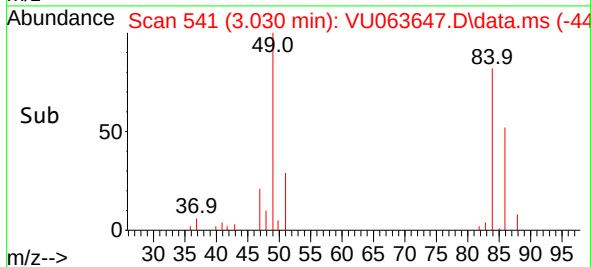
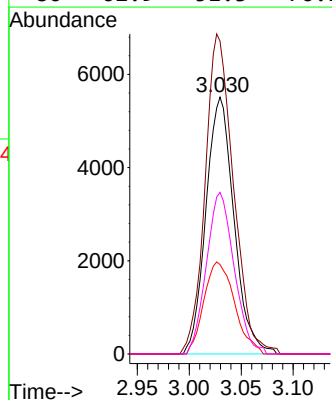
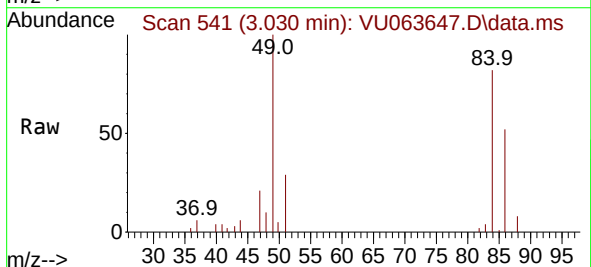
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

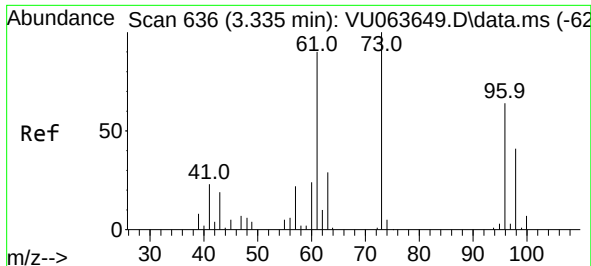
Tgt Ion: 73 Resp: 22708
Ion Ratio Lower Upper
73 100
57 20.8 17.6 26.4



#20
Methylene Chloride
Concen: 4.732 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.004 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 84 Resp: 10350
Ion Ratio Lower Upper
84 100
49 121.8 98.4 147.6
51 34.8 30.7 46.1
86 62.9 51.3 76.9

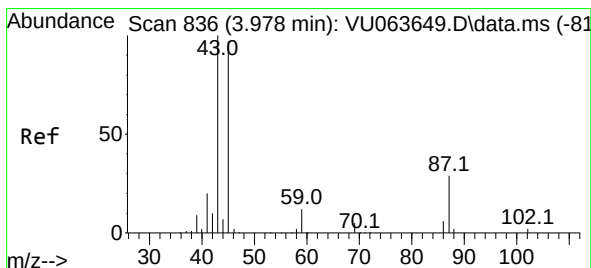
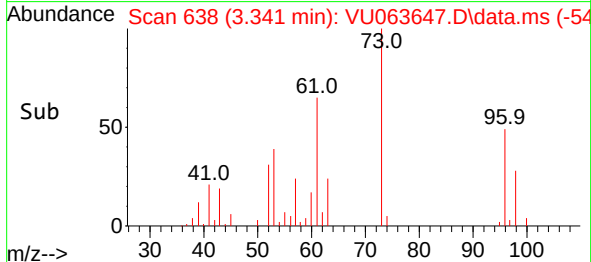
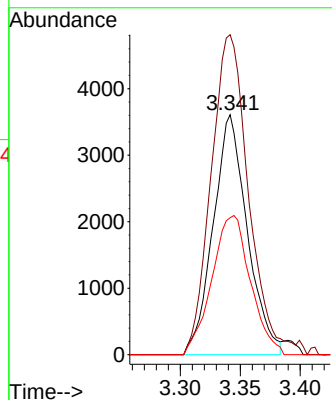
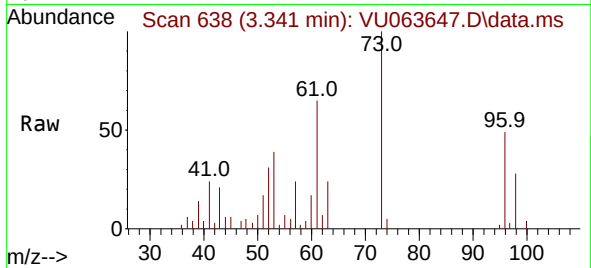




#21
trans-1,2-Dichloroethene
Concen: 4.831 ug/l
RT: 3.341 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

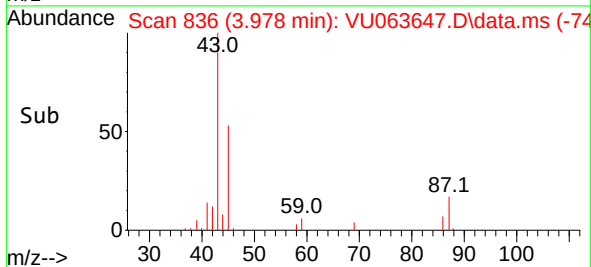
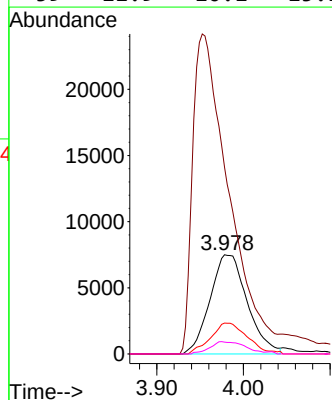
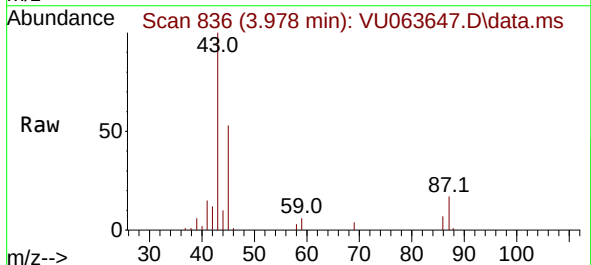
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

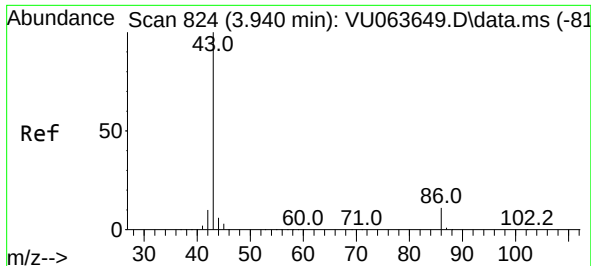
Tgt Ion: 96 Resp: 7136
Ion Ratio Lower Upper
96 100
61 133.3 111.3 166.9
98 57.1 50.5 75.7



#22
Diisopropyl ether
Concen: 4.880 ug/l
RT: 3.978 min Scan# 836
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 45 Resp: 22363
Ion Ratio Lower Upper
45 100
43 188.4 82.1 123.1#
87 31.1 23.8 35.6
59 11.9 10.1 15.1

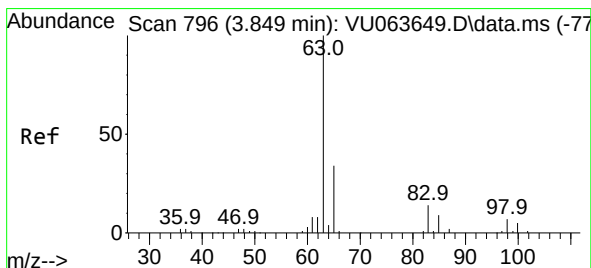
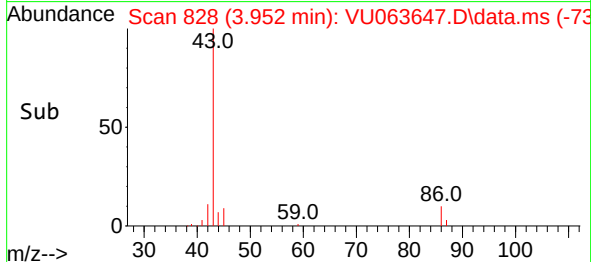
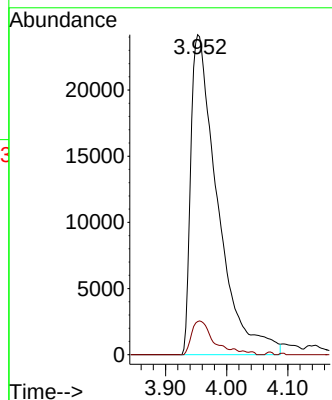
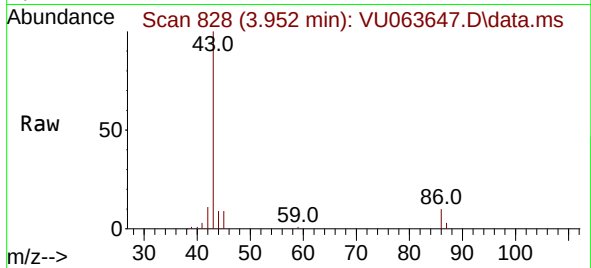




#23
 Vinyl Acetate
 Concen: 21.999 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.013 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

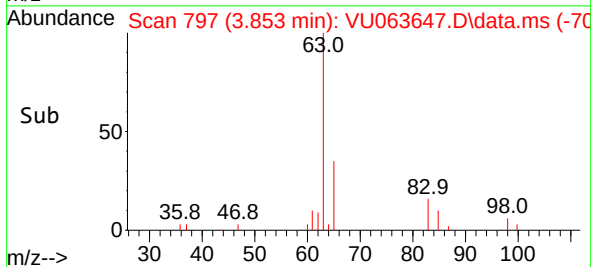
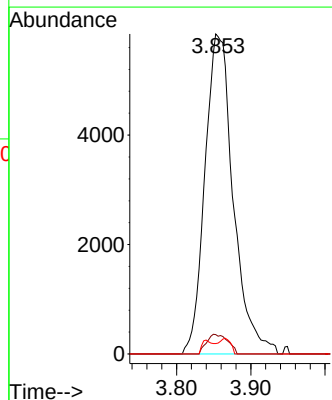
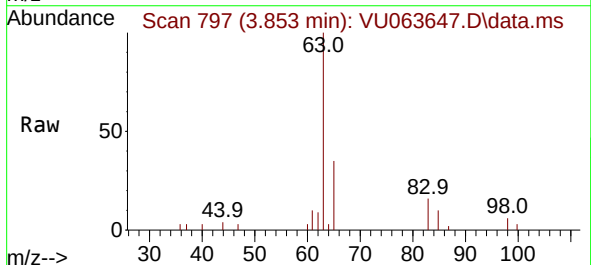
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

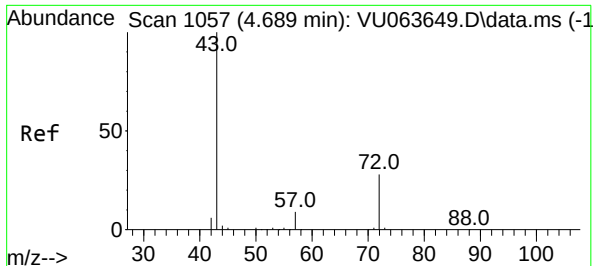
Tgt Ion: 43 Resp: 73555
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 5.395 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 63 Resp: 15518
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.9
 100 3.2 2.4 7.1

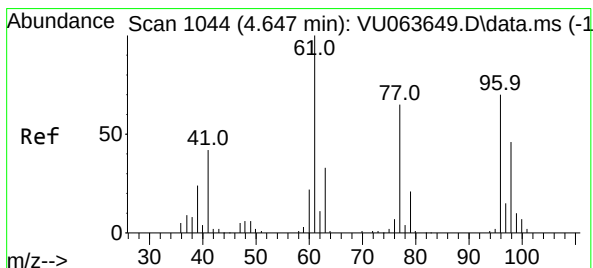
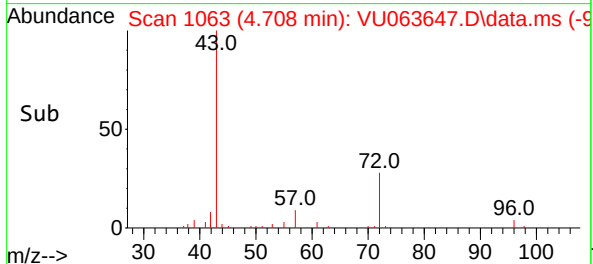
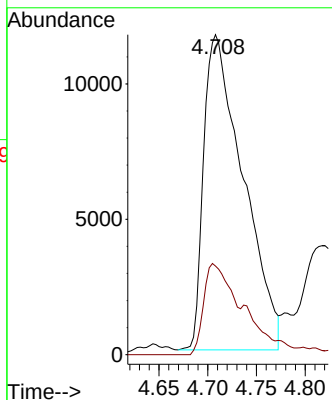
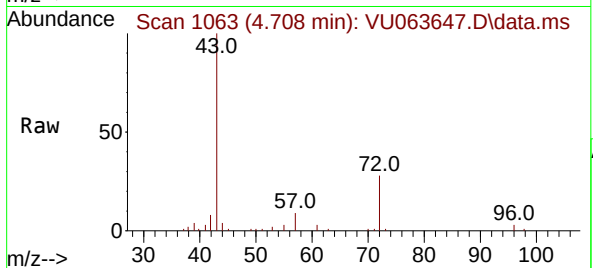




#25
2-Butanone
Concen: 24.327 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.019 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

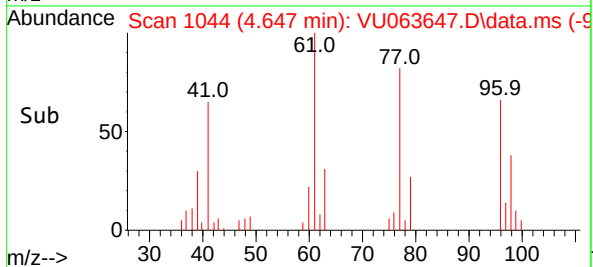
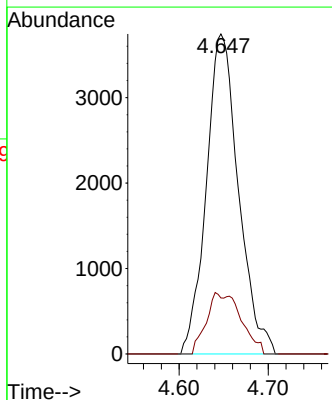
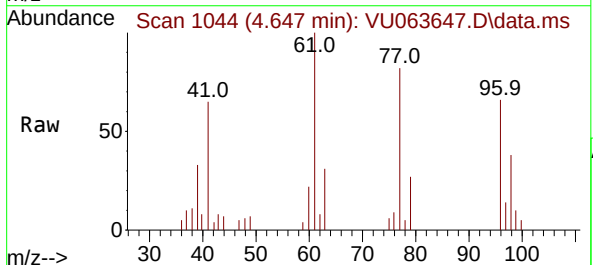
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

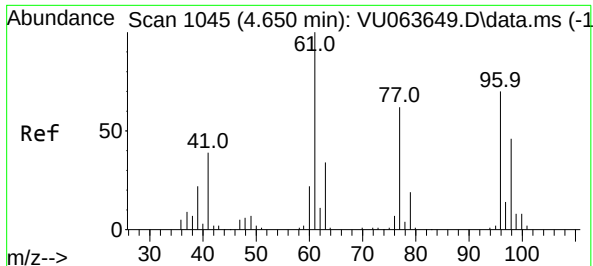
Tgt Ion: 43 Resp: 32707
Ion Ratio Lower Upper
43 100
72 28.1 22.2 33.2



#26
2,2-Dichloropropane
Concen: 5.109 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 77 Resp: 9396
Ion Ratio Lower Upper
77 100
97 10.4 11.6 34.8#

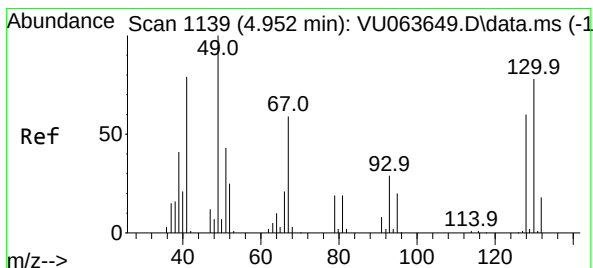
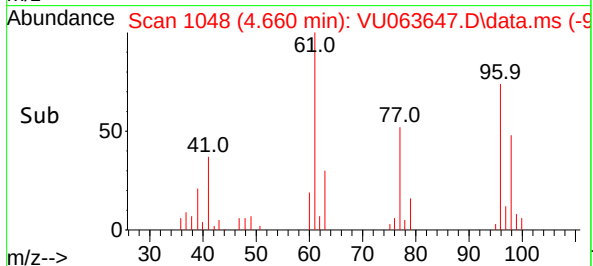
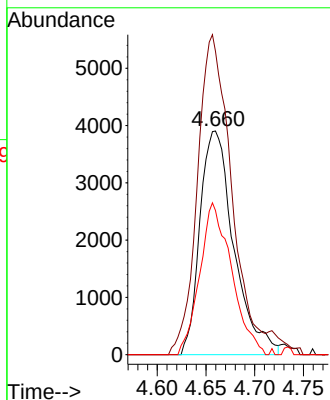
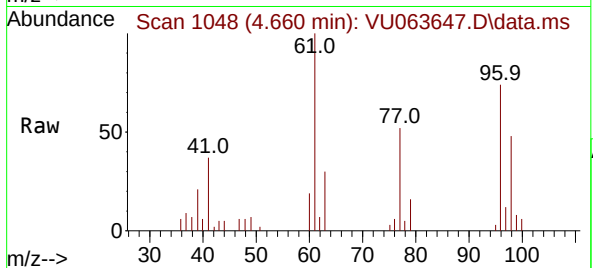




#27
 cis-1,2-Dichloroethene
 Concen: 5.136 ug/l
 RT: 4.660 min Scan# 1104
 Delta R.T. 0.010 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

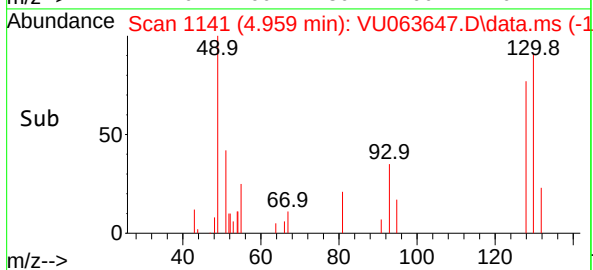
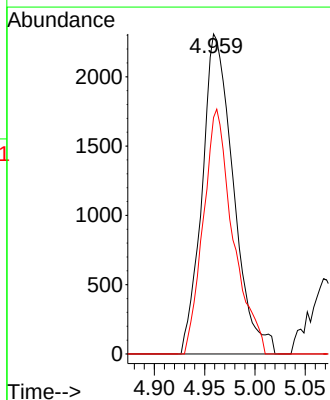
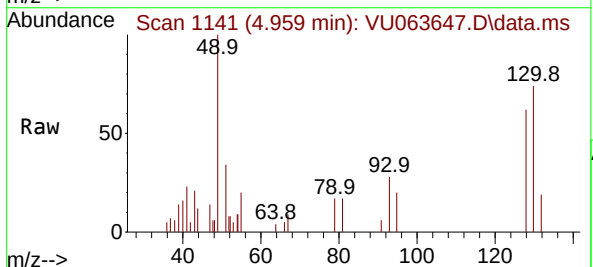
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

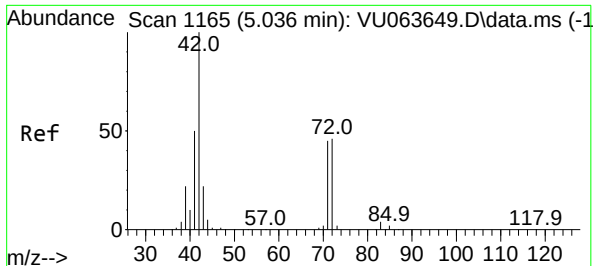
Tgt Ion:	96	Resp:	9451
Ion	Ratio	Lower	Upper
96	100		
61	142.7	0.0	295.0
98	63.7	0.0	130.8



#28
 Bromochloromethane
 Concen: 4.007 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. 0.006 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion:	49	Resp:	4991
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	72.6	64.6	96.8





#29

Tetrahydrofuran

Concen: 24.038 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. 0.013 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

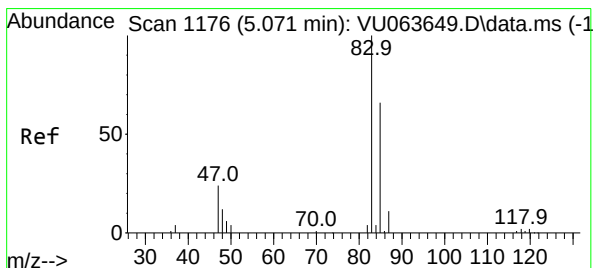
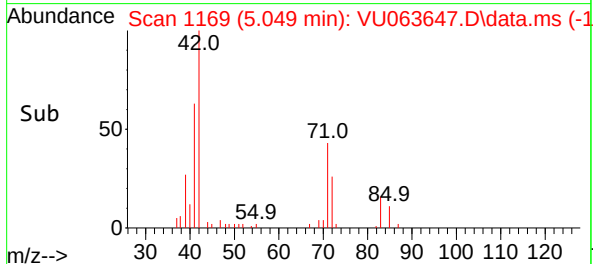
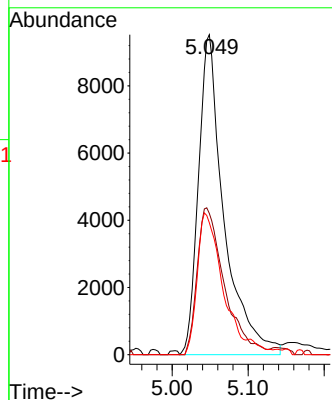
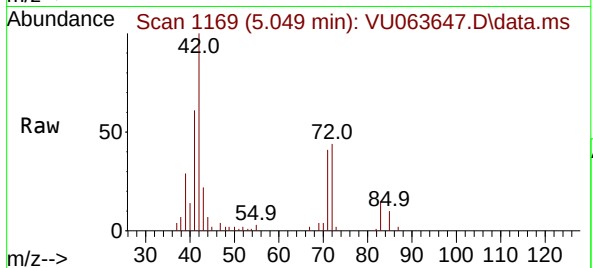
Tgt Ion: 42 Resp: 22194

Ion Ratio Lower Upper

42 100

72 49.1 37.9 56.9

71 43.2 36.0 54.0



#30

Chloroform

Concen: 5.072 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. 0.003 min

Lab File: VU063647.D

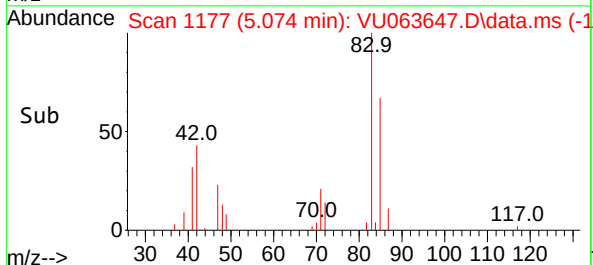
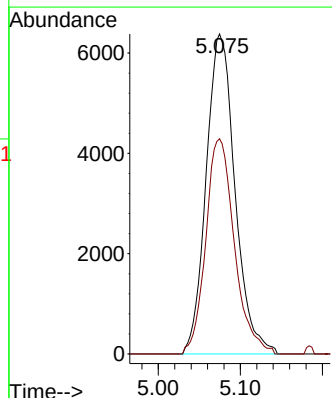
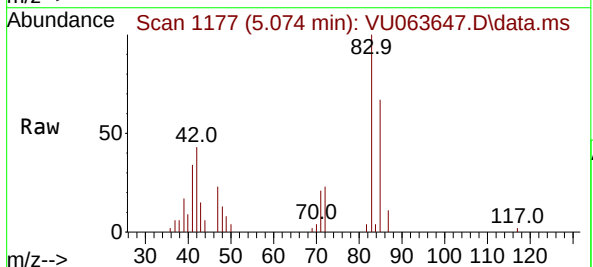
Acq: 25 Sep 2025 17:32

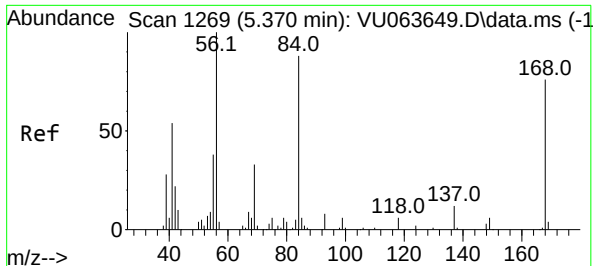
Tgt Ion: 83 Resp: 15587

Ion Ratio Lower Upper

83 100

85 67.3 52.8 79.2

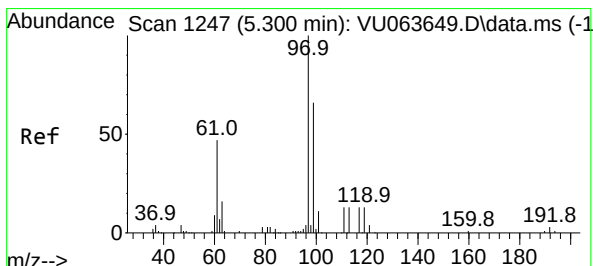
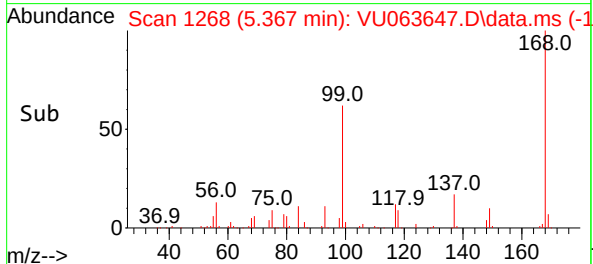
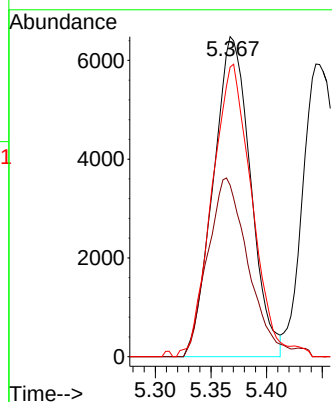
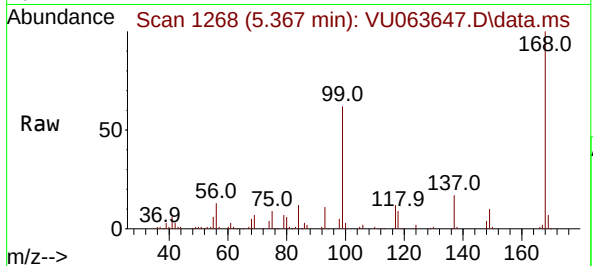




#31
Cyclohexane
Concen: 5.796 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

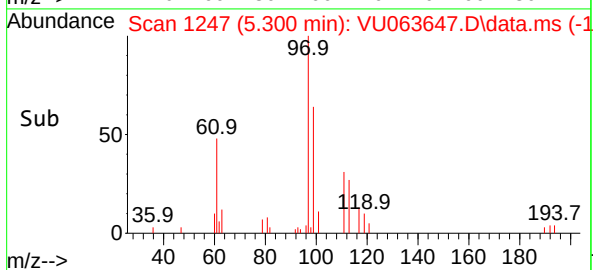
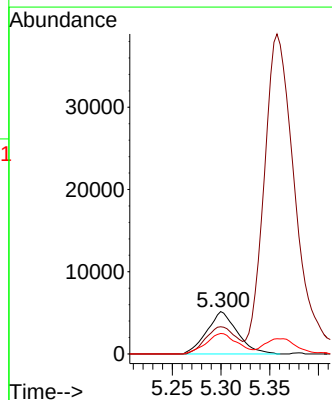
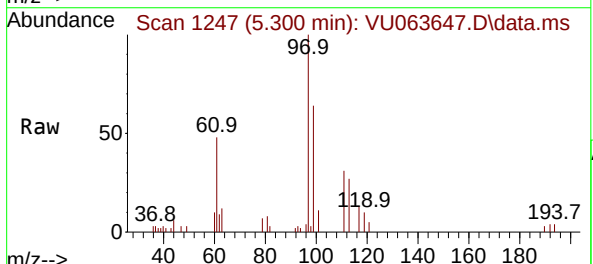
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

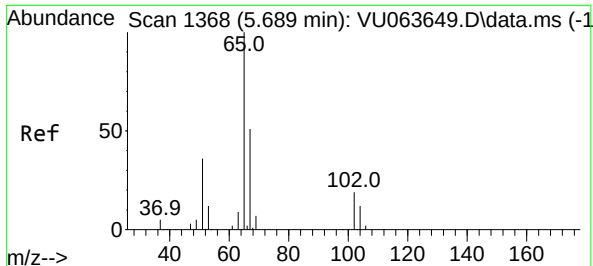
Tgt Ion: 56 Resp: 15117
Ion Ratio Lower Upper
56 100
69 53.6 26.1 39.1#
84 88.6 70.7 106.1



#32
1,1,1-Trichloroethane
Concen: 4.631 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 97 Resp: 11149
Ion Ratio Lower Upper
97 100
99 62.8 49.9 74.9
61 49.2 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 3.108 ug/l

RT: 5.698 min Scan# 1

Delta R.T. 0.009 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

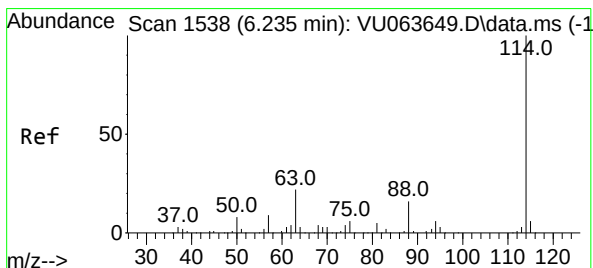
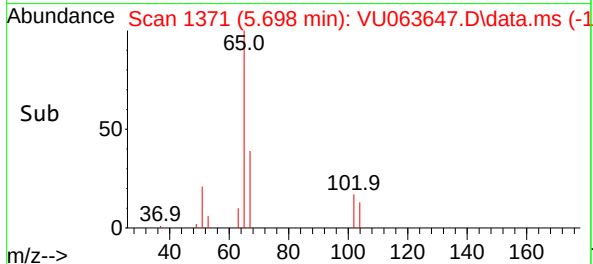
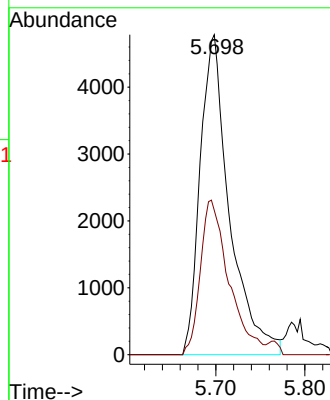
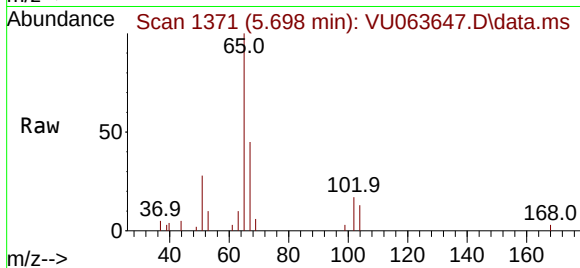
VSTDIC005

Tgt Ion: 65 Resp: 10924

Ion Ratio Lower Upper

65 100

67 47.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

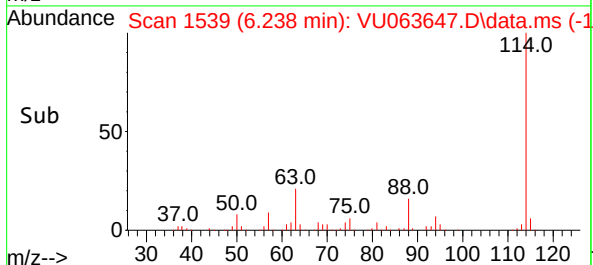
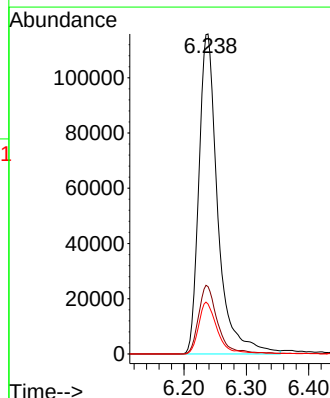
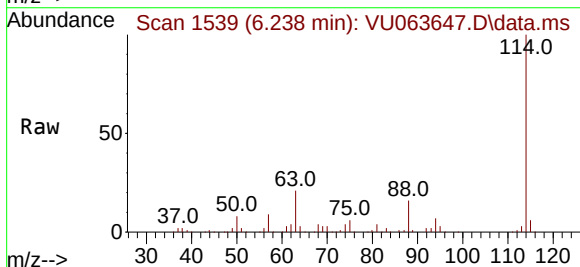
Tgt Ion: 114 Resp: 244046

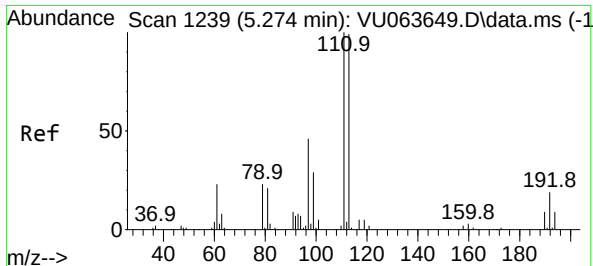
Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.4

88 15.6 0.0 31.0

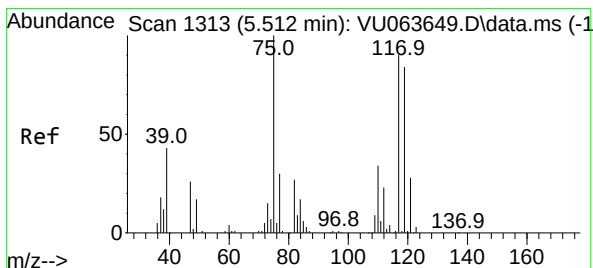
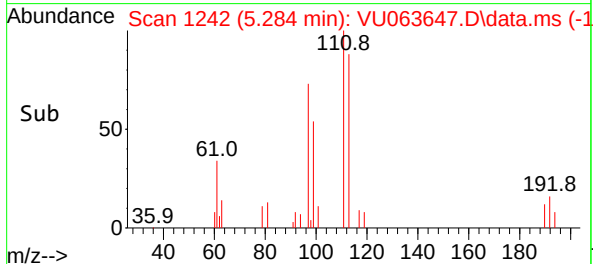
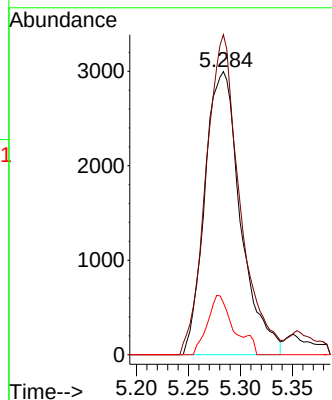
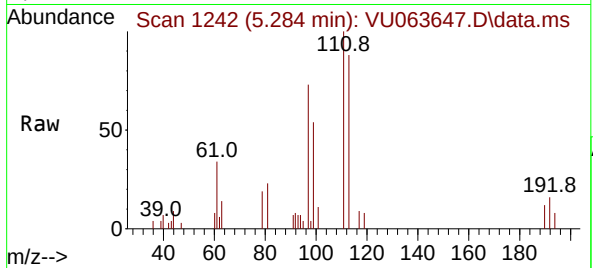




#35
Dibromofluoromethane
Concen: 5.418 ug/l
RT: 5.284 min Scan# 11
Delta R.T. 0.010 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

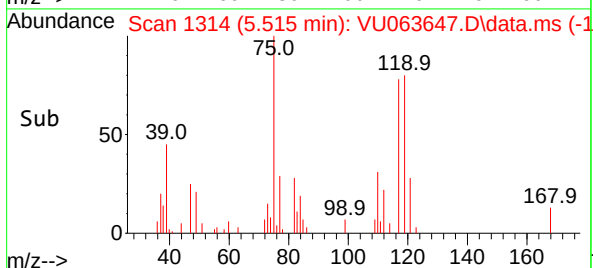
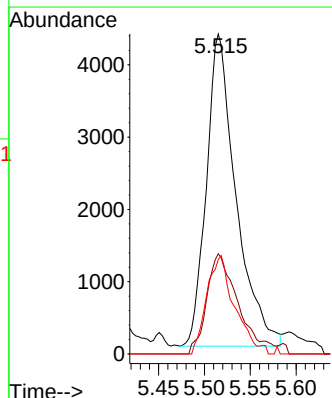
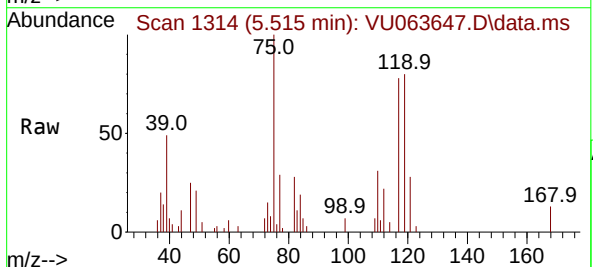
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

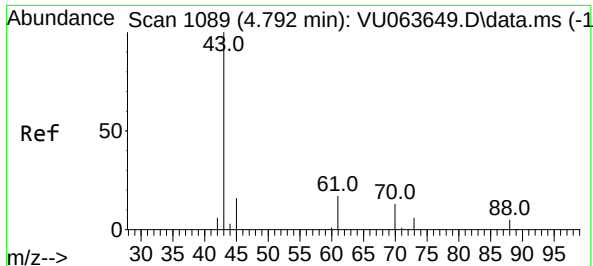
Tgt Ion: 113 Resp: 7161
Ion Ratio Lower Upper
113 100
111 107.5 80.3 120.5
192 15.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 75 Resp: 9670
Ion Ratio Lower Upper
75 100
110 34.1 17.0 50.9
77 29.8 23.8 35.8





#37

Ethyl Acetate

Concen: 3.841 ug/l

RT: 4.817 min Scan# 1097

Delta R.T. 0.026 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

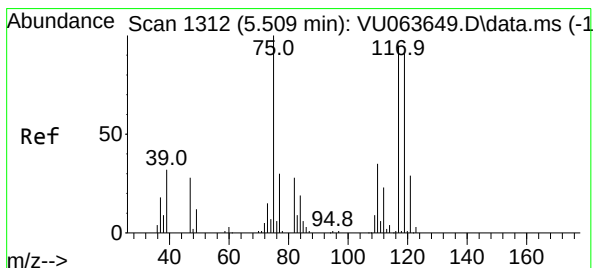
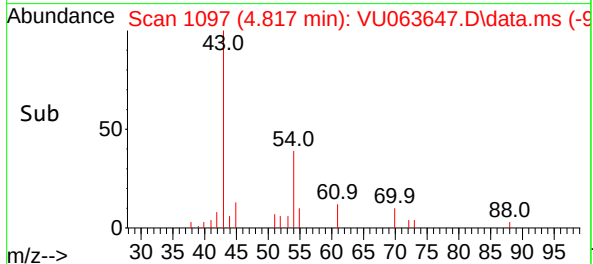
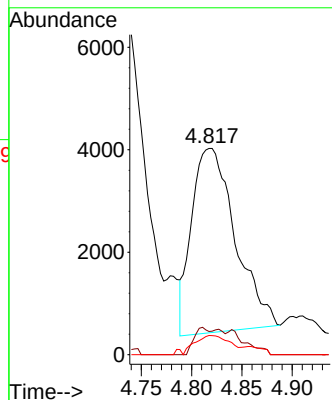
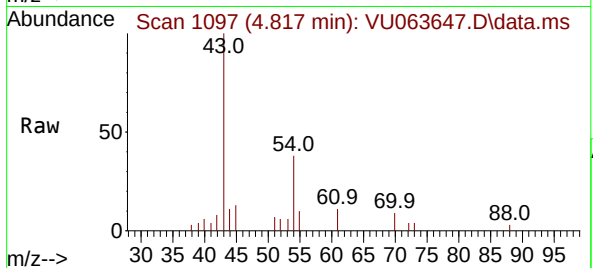
Tgt Ion: 43 Resp: 10882

Ion Ratio Lower Upper

43 100

61 5.0 9.7 14.5#

70 8.4 8.0 12.0



#38

Carbon Tetrachloride

Concen: 4.443 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

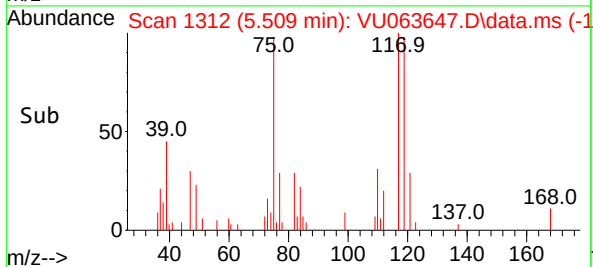
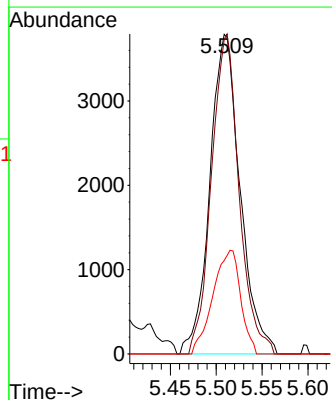
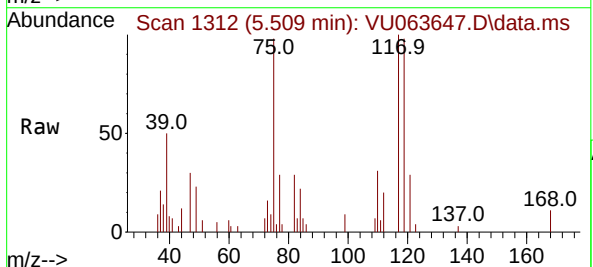
Tgt Ion: 117 Resp: 8689

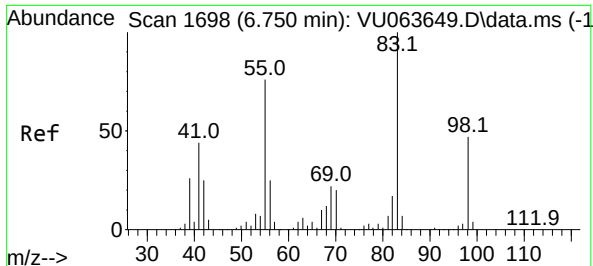
Ion Ratio Lower Upper

117 100

119 98.3 77.0 115.4

121 29.2 24.8 37.2





#39

Methylcyclohexane

Concen: 4.682 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

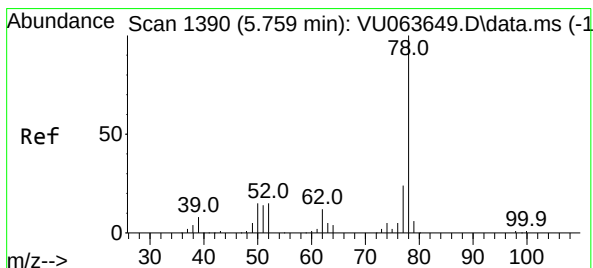
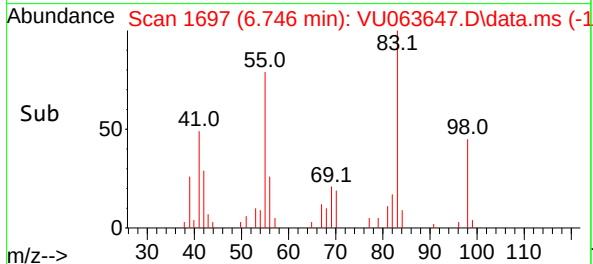
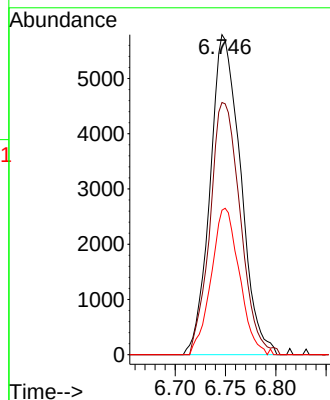
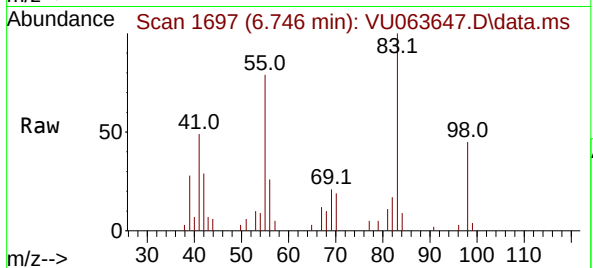
Tgt Ion: 83 Resp: 12204

Ion Ratio Lower Upper

83 100

55 78.8 60.5 90.7

98 45.2 37.5 56.3



#40

Benzene

Concen: 4.922 ug/l

RT: 5.766 min Scan# 1392

Delta R.T. 0.006 min

Lab File: VU063647.D

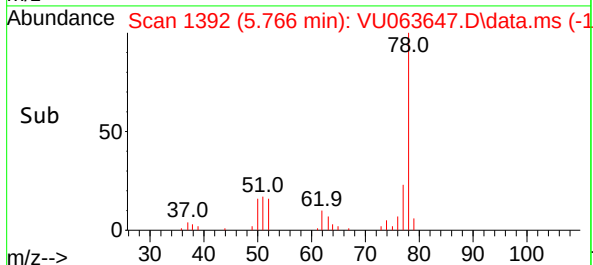
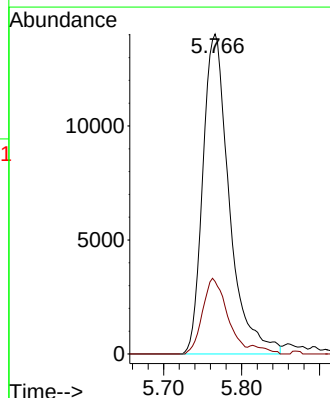
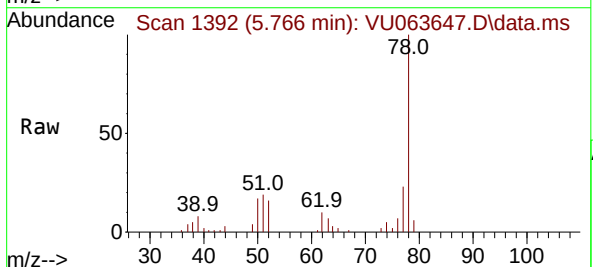
Acq: 25 Sep 2025 17:32

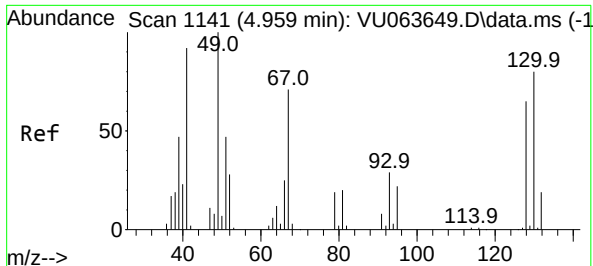
Tgt Ion: 78 Resp: 33117

Ion Ratio Lower Upper

78 100

77 22.7 19.4 29.2

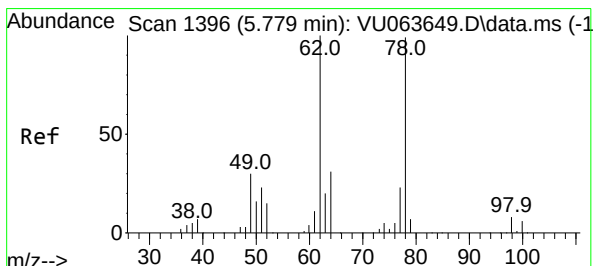
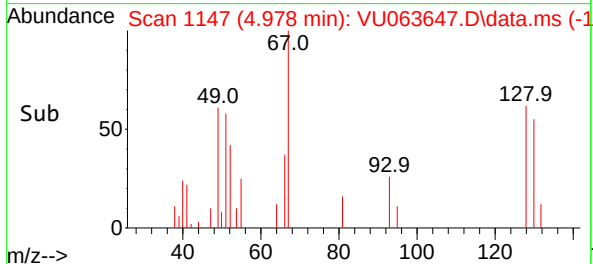
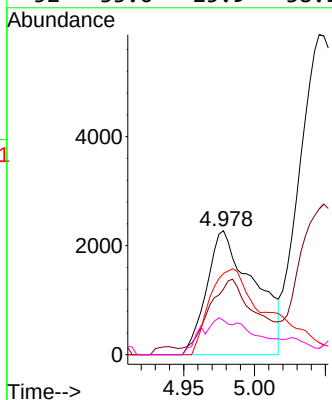
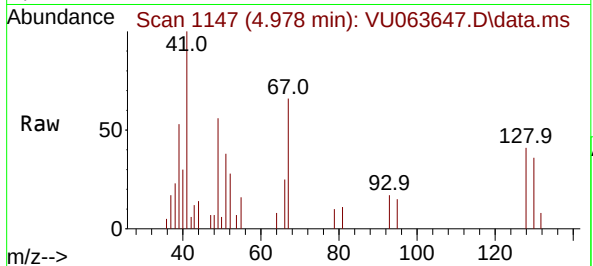




#41
Methacrylonitrile
Concen: 4.339 ug/l
RT: 4.978 min Scan# 1141
Delta R.T. 0.019 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

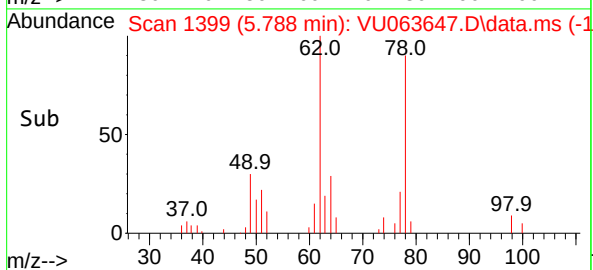
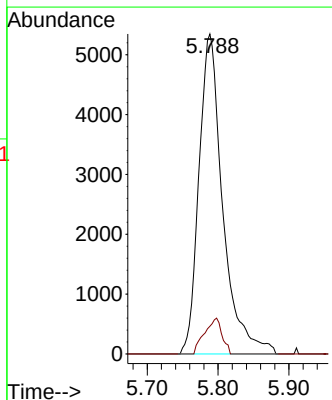
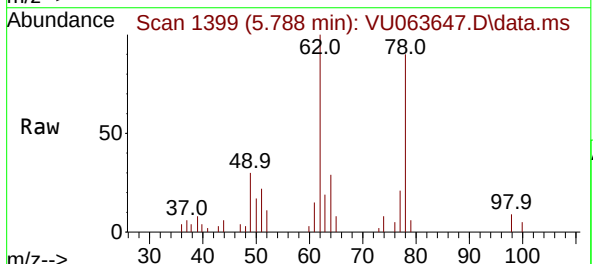
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

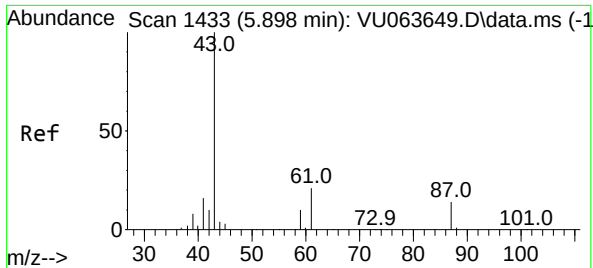
Tgt Ion:	41	Resp:	5312
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.1	63.1
67	87.4	66.3	99.5
52	33.6	25.9	38.9



#42
1,2-Dichloroethane
Concen: 5.075 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:	62	Resp:	12478
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.2

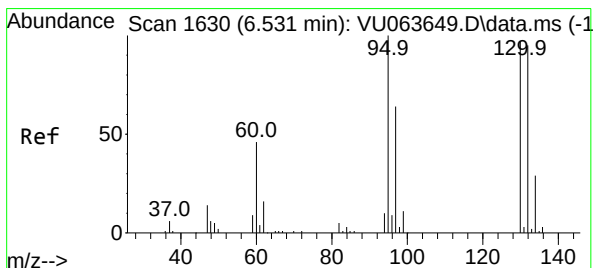
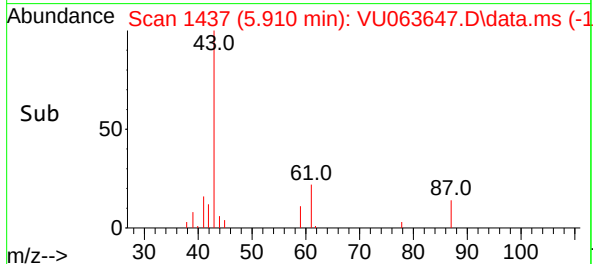
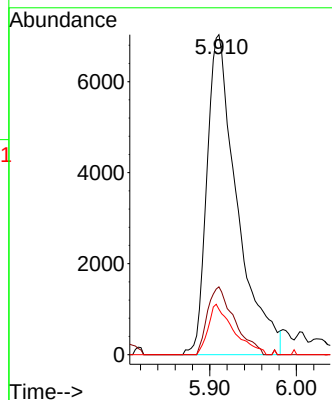
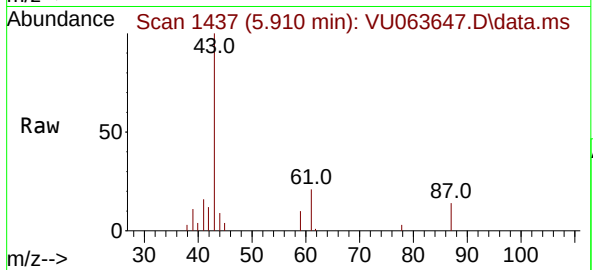




#43
Isopropyl Acetate
Concen: 4.825 ug/l
RT: 5.910 min Scan# 1437
Delta R.T. 0.013 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

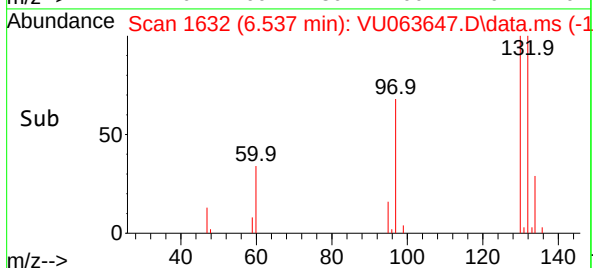
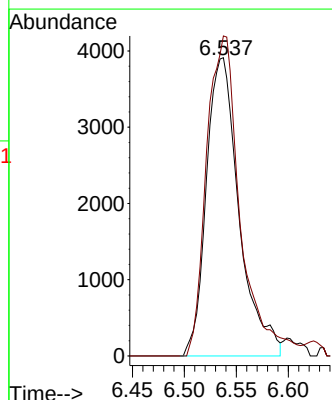
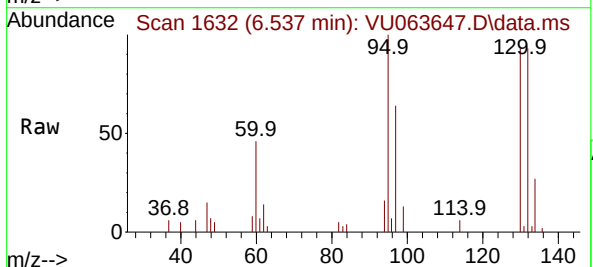
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

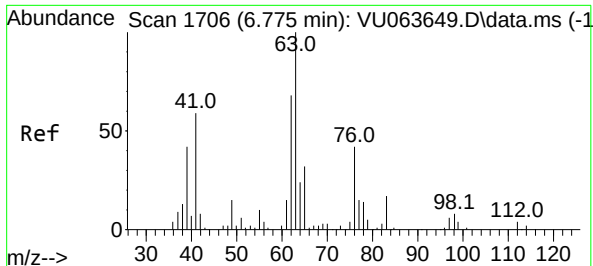
Tgt Ion: 43 Resp: 16958
Ion Ratio Lower Upper
43 100
61 18.9 16.9 25.3
87 13.3 10.8 16.2



#44
Trichloroethene
Concen: 4.909 ug/l
RT: 6.537 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:130 Resp: 8570
Ion Ratio Lower Upper
130 100
95 107.3 0.0 206.6





#45

1,2-Dichloropropane

Concen: 5.066 ug/l

RT: 6.782 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

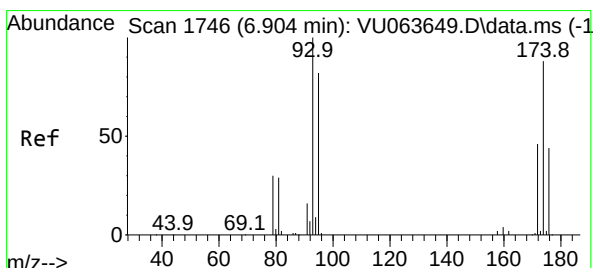
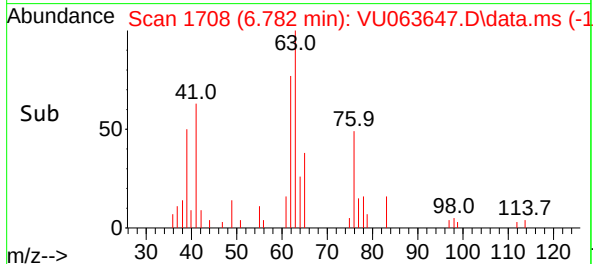
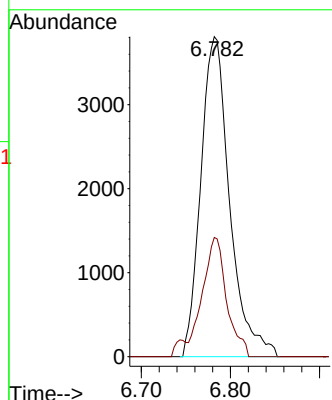
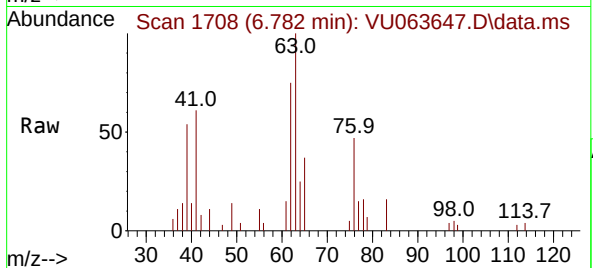
VSTDIC005

Tgt Ion: 63 Resp: 8565

Ion Ratio Lower Upper

63 100

65 37.3 25.3 37.9



#46

Dibromomethane

Concen: 4.930 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.006 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

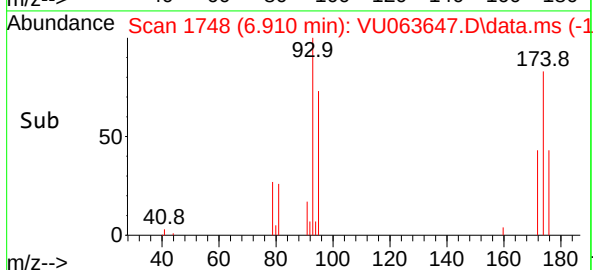
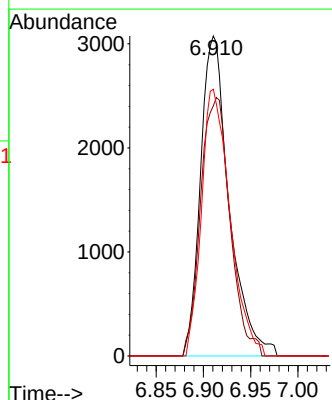
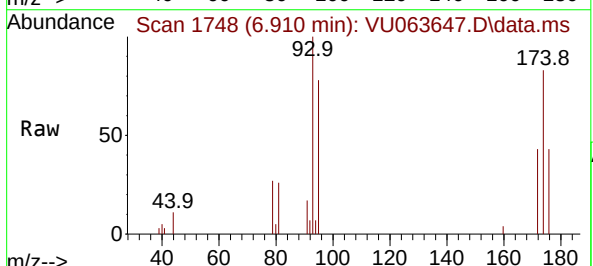
Tgt Ion: 93 Resp: 6468

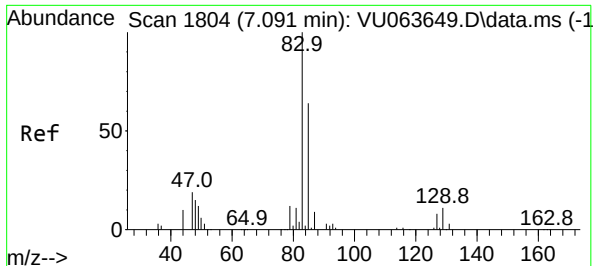
Ion Ratio Lower Upper

93 100

95 83.2 65.6 98.4

174 83.3 72.3 108.5





#47

Bromodichloromethane

Concen: 4.553 ug/l

RT: 7.094 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

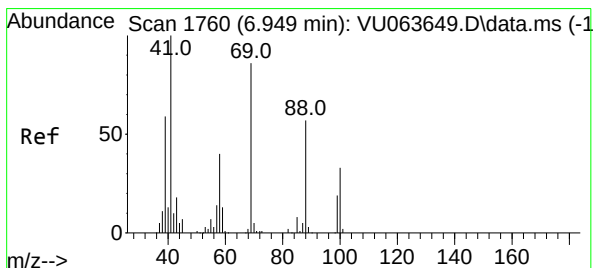
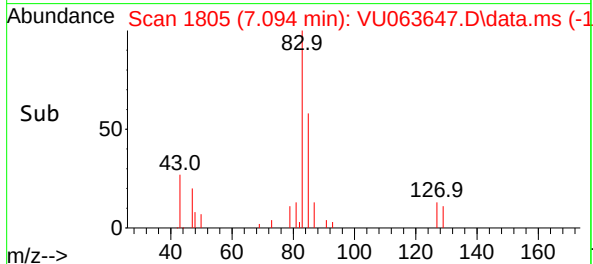
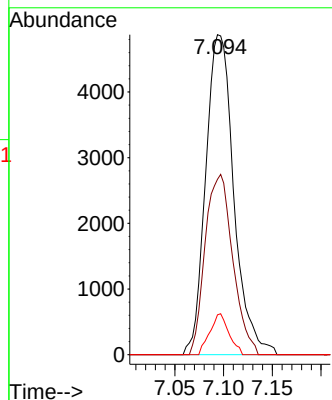
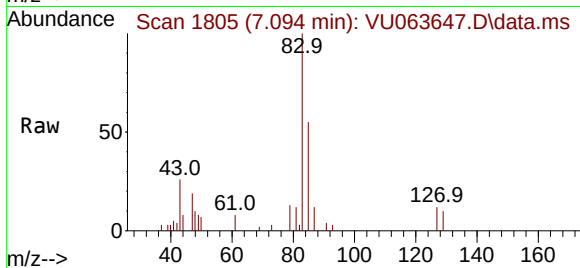
Tgt Ion: 83 Resp: 9789

Ion Ratio Lower Upper

83 100

85 54.8 50.9 76.3

127 12.4 6.6 10.0#



#48

Methyl methacrylate

Concen: 4.152 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.010 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

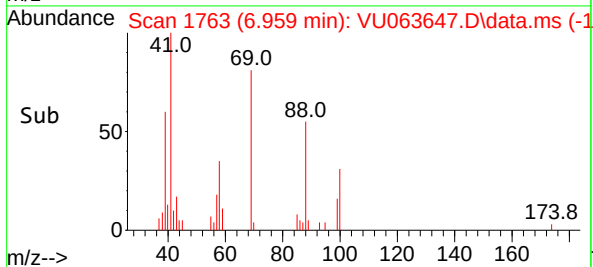
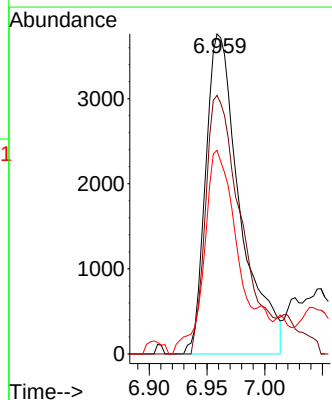
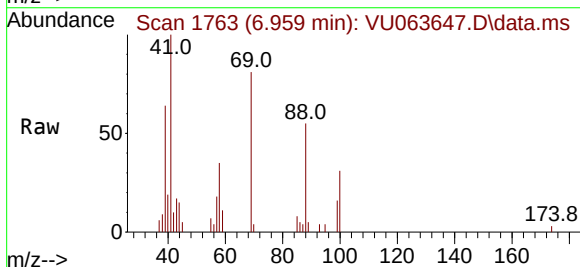
Tgt Ion: 41 Resp: 7805

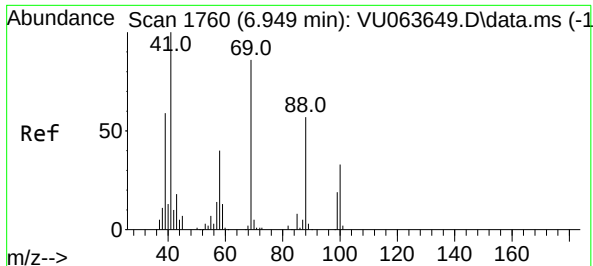
Ion Ratio Lower Upper

41 100

69 83.7 73.5 110.3

39 58.9 47.8 71.6





#49

1,4-Dioxane

Concen: 93.500 ug/l

RT: 6.959 min Scan# 1

Delta R.T. 0.010 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

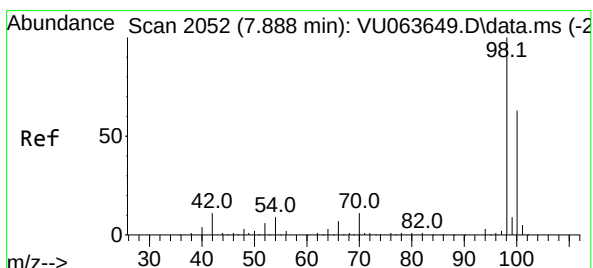
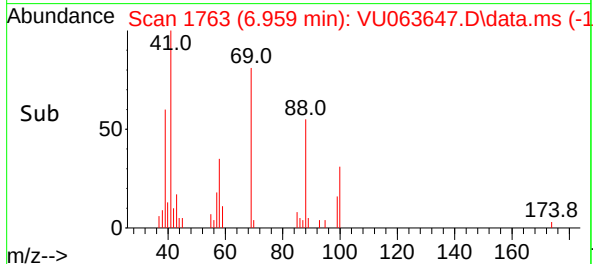
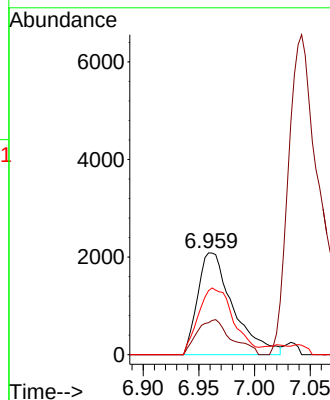
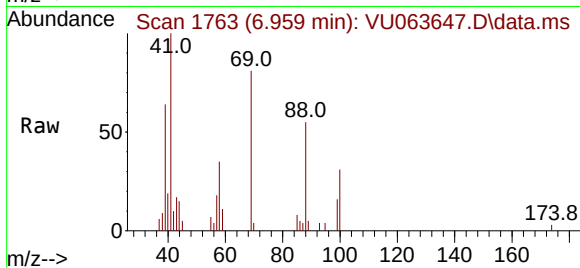
Tgt Ion: 88 Resp: 4629

Ion Ratio Lower Upper

88 100

43 33.2 24.6 37.0

58 65.1 54.4 81.6



#50

Toluene-d8

Concen: 6.270 ug/l

RT: 7.891 min Scan# 2053

Delta R.T. 0.003 min

Lab File: VU063647.D

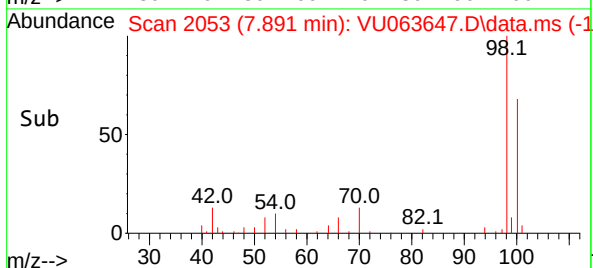
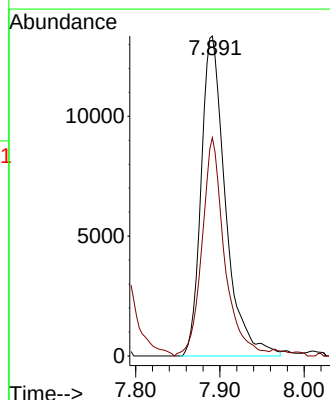
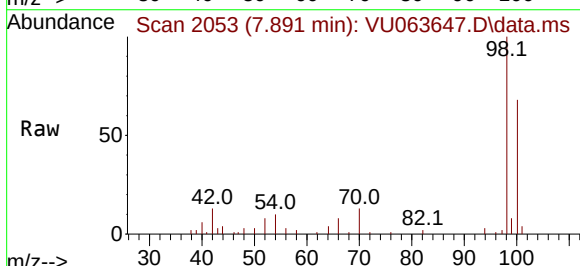
Acq: 25 Sep 2025 17:32

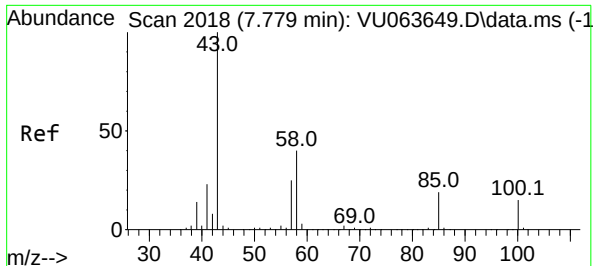
Tgt Ion: 98 Resp: 26820

Ion Ratio Lower Upper

98 100

100 63.2 49.6 74.4





#51

4-Methyl-2-Pentanone

Concen: 23.520 ug/l

RT: 7.782 min Scan# 2018

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

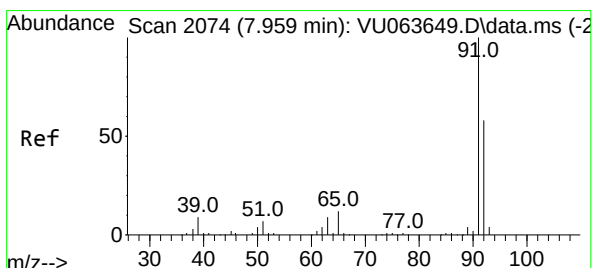
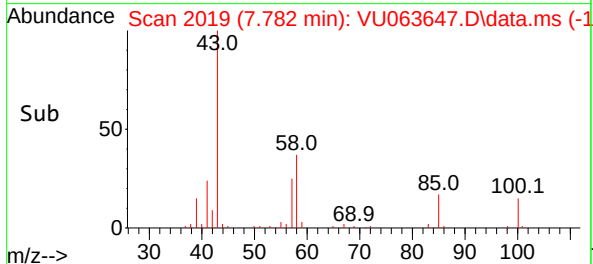
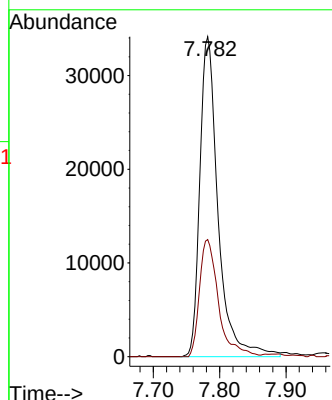
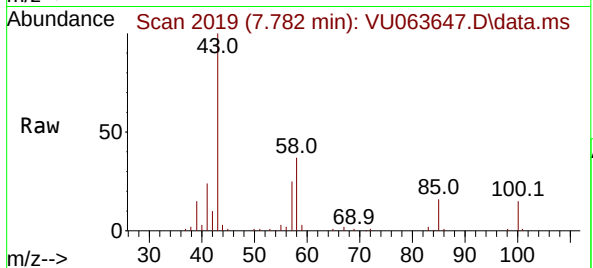
VSTDIC005

Tgt Ion: 43 Resp: 65302

Ion Ratio Lower Upper

43 100

58 38.1 32.6 48.8



#52

Toluene

Concen: 5.019 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU063647.D

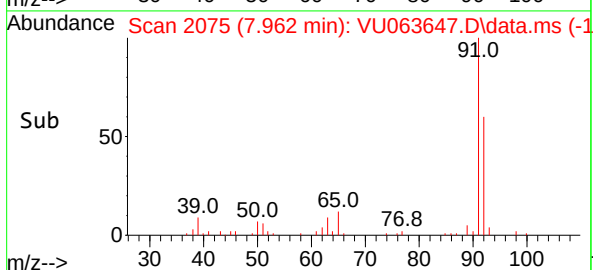
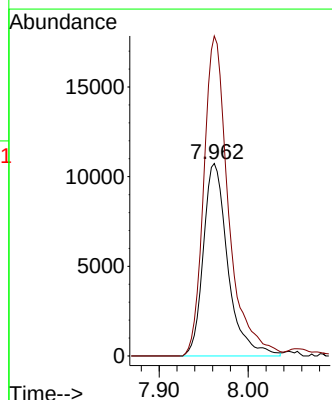
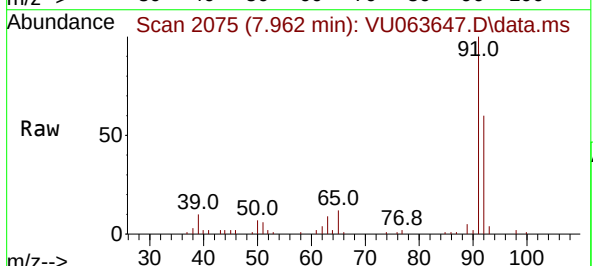
Acq: 25 Sep 2025 17:32

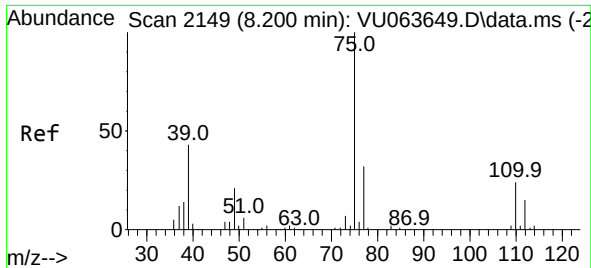
Tgt Ion: 92 Resp: 20510

Ion Ratio Lower Upper

92 100

91 167.8 139.4 209.2

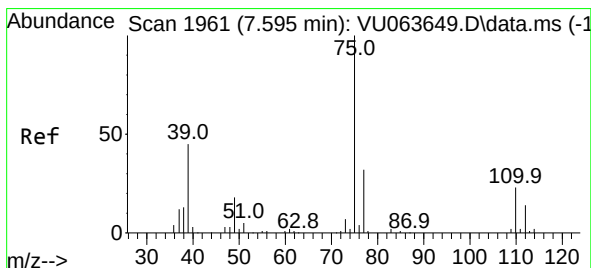
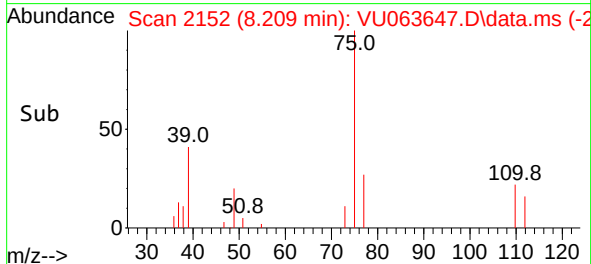
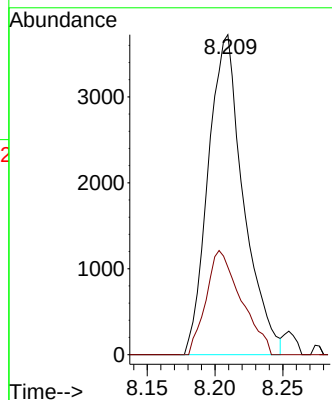
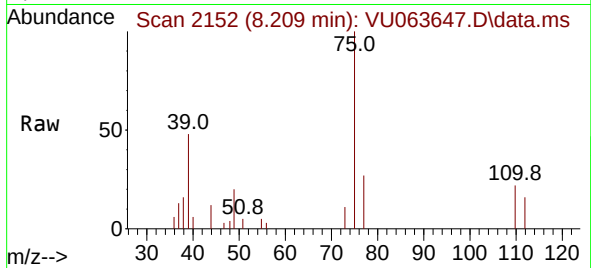




#53
 t-1,3-Dichloropropene
 Concen: 3.921 ug/l
 RT: 8.209 min Scan# 2149
 Delta R.T. 0.009 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

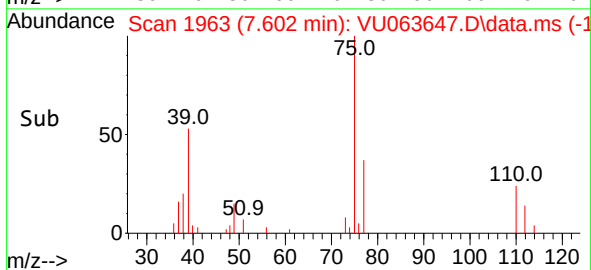
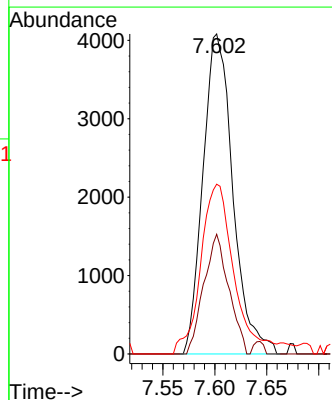
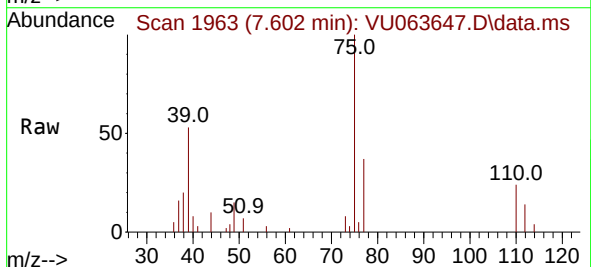
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

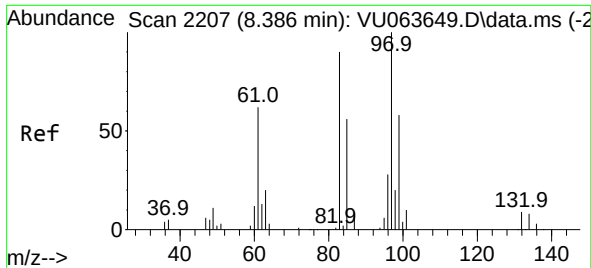
Tgt Ion: 75 Resp: 6723
 Ion Ratio Lower Upper
 75 100
 77 27.3 25.8 38.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.022 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.007 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 75 Resp: 8180
 Ion Ratio Lower Upper
 75 100
 77 37.4 25.7 38.5
 39 49.6 35.8 53.8

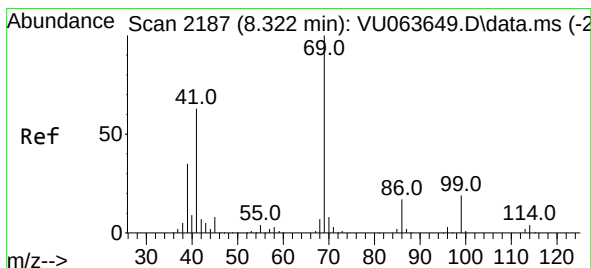
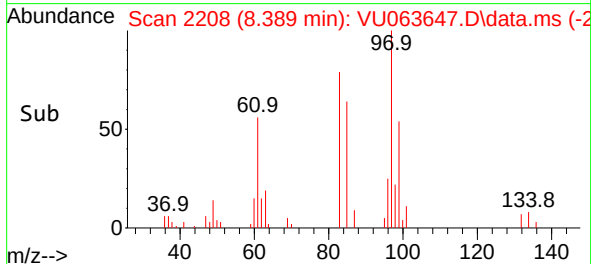
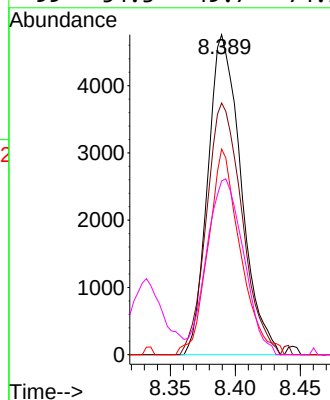
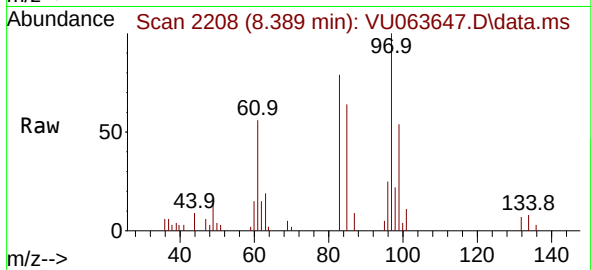




#55
 1,1,2-Trichloroethane
 Concen: 5.034 ug/l
 RT: 8.389 min Scan# 2189
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

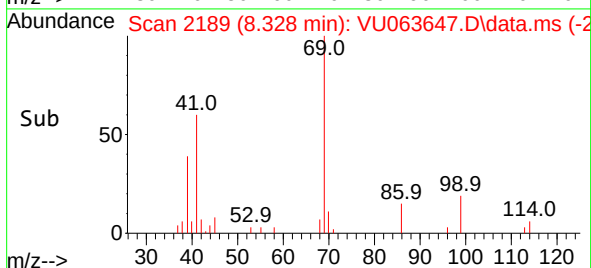
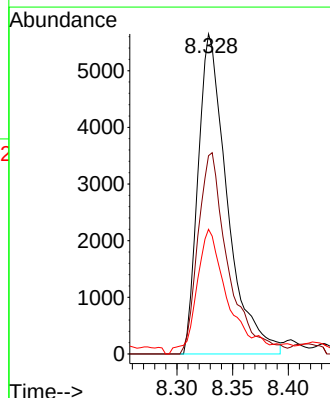
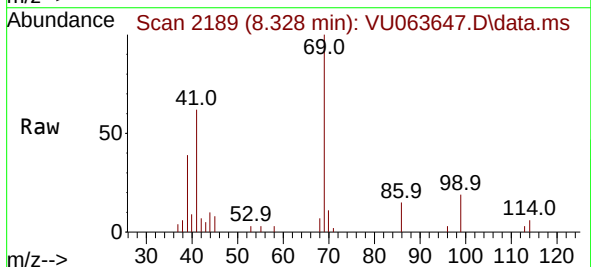
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

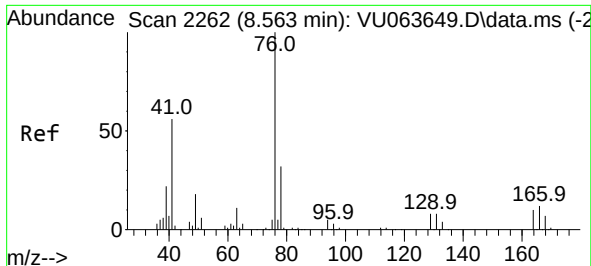
Tgt Ion:	97	Resp:	8467
Ion	Ratio	Lower	Upper
97	100		
83	78.6	72.1	108.1
85	62.1	44.8	67.2
99	54.3	49.7	74.5



#56
 Ethyl methacrylate
 Concen: 4.990 ug/l
 RT: 8.328 min Scan# 2189
 Delta R.T. 0.006 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion:	69	Resp:	10286
Ion	Ratio	Lower	Upper
69	100		
41	65.2	50.6	75.8
39	39.0	29.2	43.8





#57

1,3-Dichloropropane

Concen: 4.963 ug/l

RT: 8.566 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

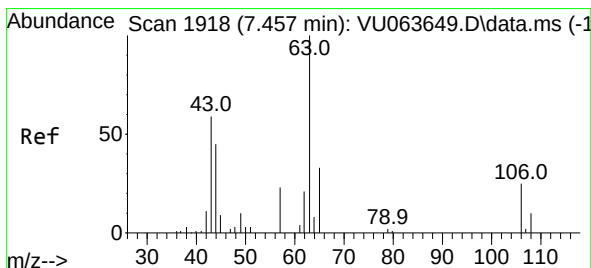
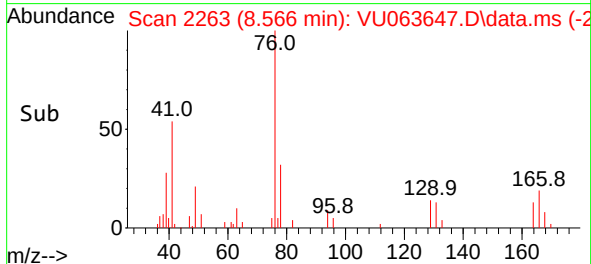
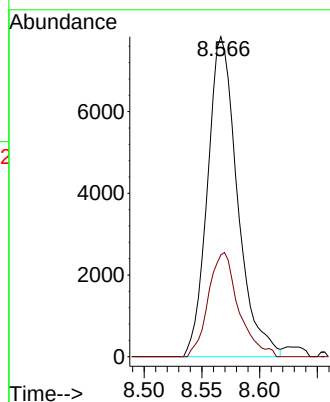
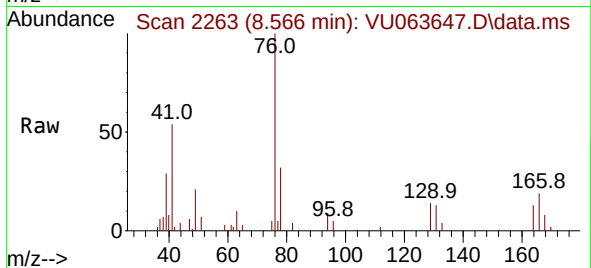
VSTDICC005

Tgt Ion: 76 Resp: 14093

Ion Ratio Lower Upper

76 100

78 32.9 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 23.336 ug/l

RT: 7.473 min Scan# 1923

Delta R.T. 0.016 min

Lab File: VU063647.D

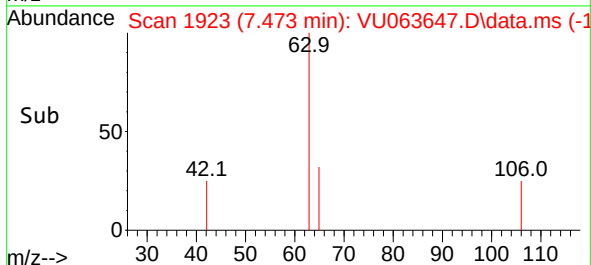
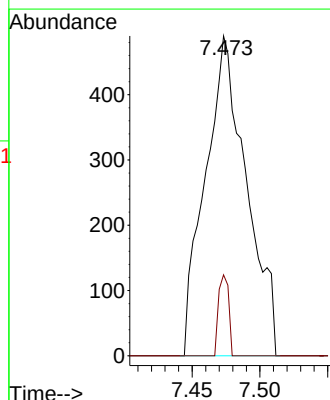
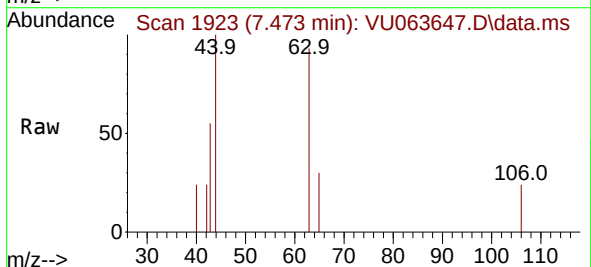
Acq: 25 Sep 2025 17:32

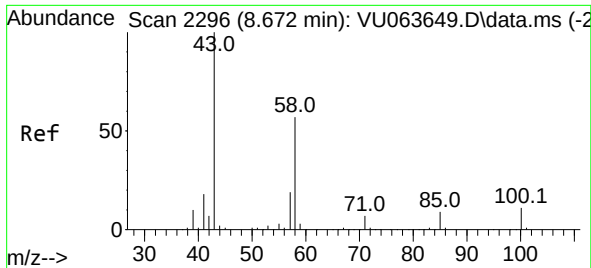
Tgt Ion: 63 Resp: 1036

Ion Ratio Lower Upper

63 100

106 6.2 18.6 27.8#

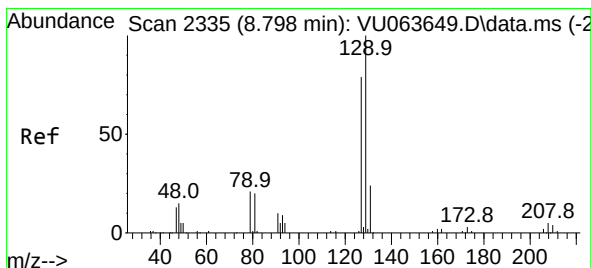
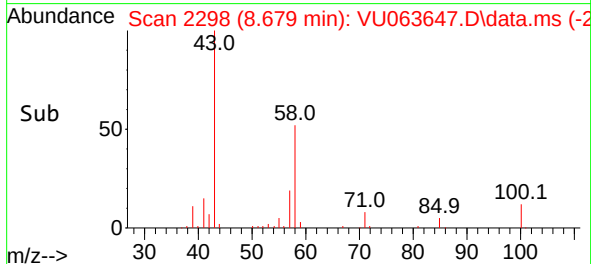
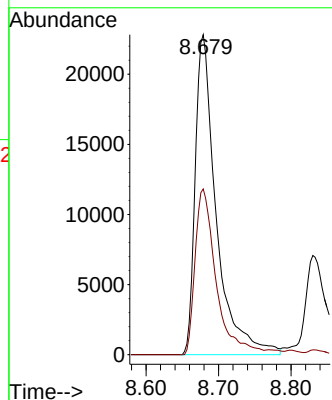
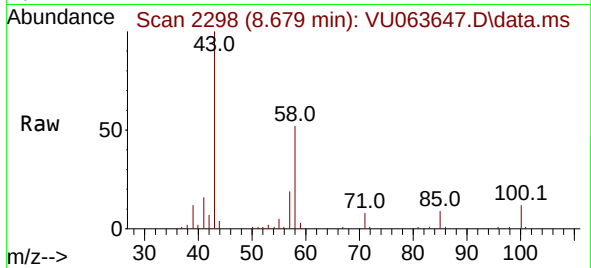




#59
2-Hexanone
Concen: 22.545 ug/l
RT: 8.679 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

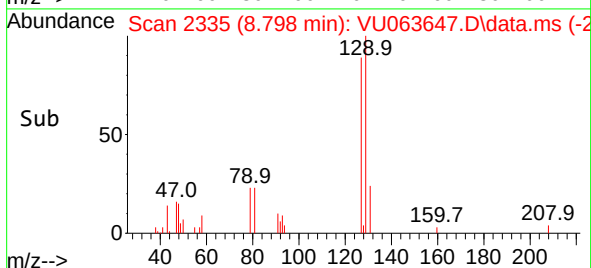
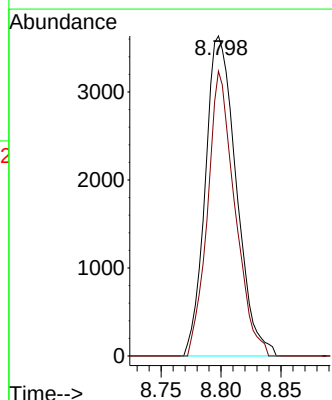
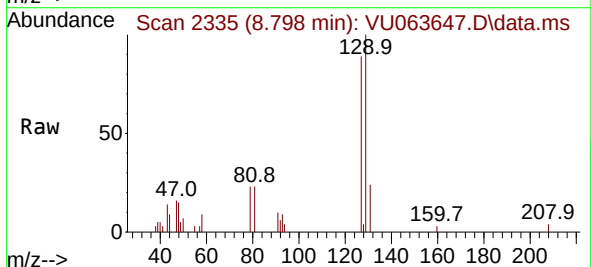
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

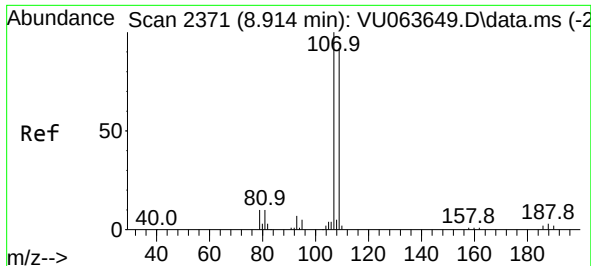
Tgt Ion: 43 Resp: 45906
Ion Ratio Lower Upper
43 100
58 51.7 28.3 85.0



#60
Dibromochloromethane
Concen: 4.259 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 129 Resp: 6526
Ion Ratio Lower Upper
129 100
127 78.5 39.1 117.2

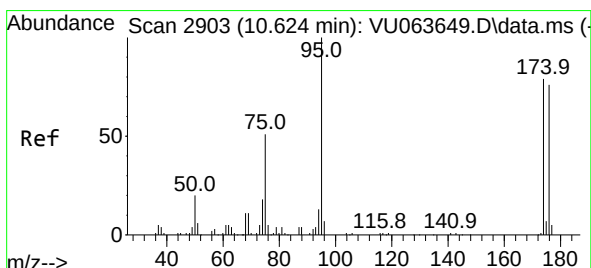
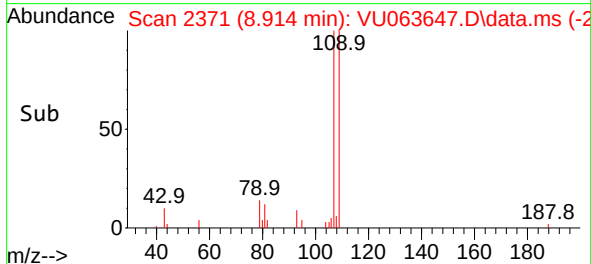
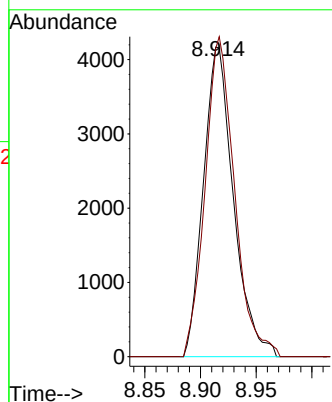
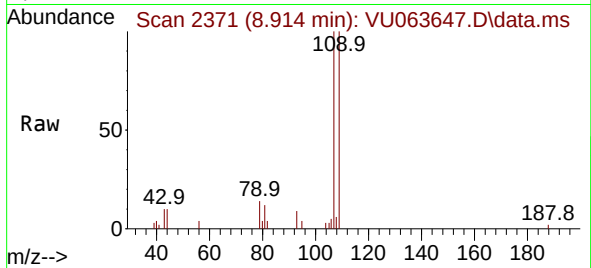




#61
1,2-Dibromoethane
Concen: 4.643 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

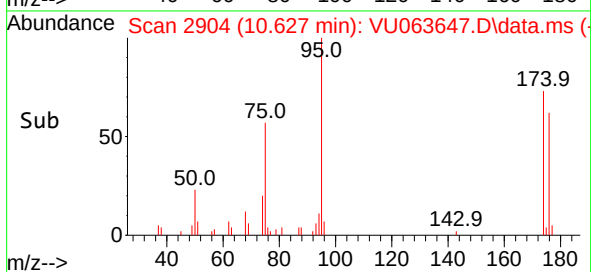
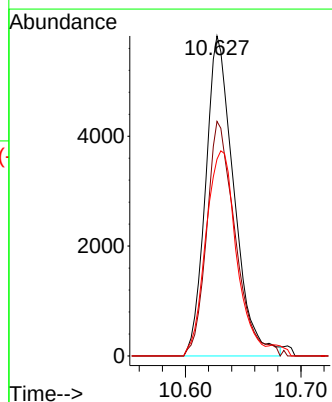
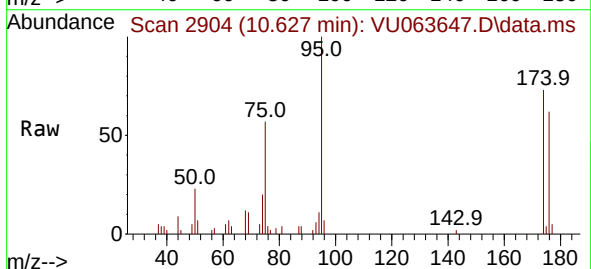
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

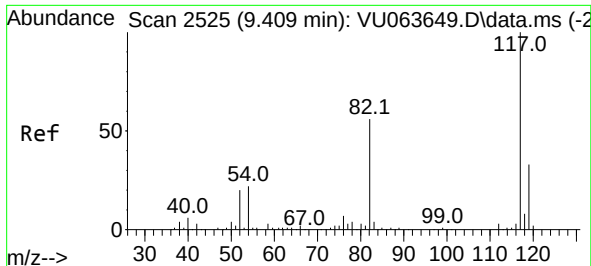
Tgt Ion:107 Resp: 7852
Ion Ratio Lower Upper
107 100
109 100.9 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 5.165 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 95 Resp: 9906
Ion Ratio Lower Upper
95 100
174 74.2 0.0 154.2
176 69.2 0.0 150.8

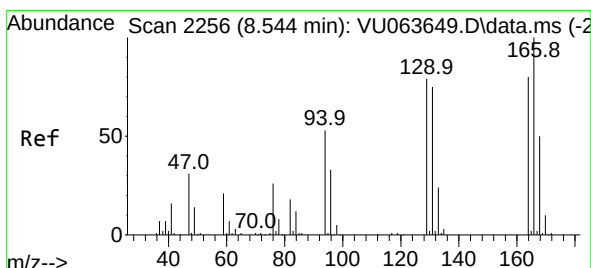
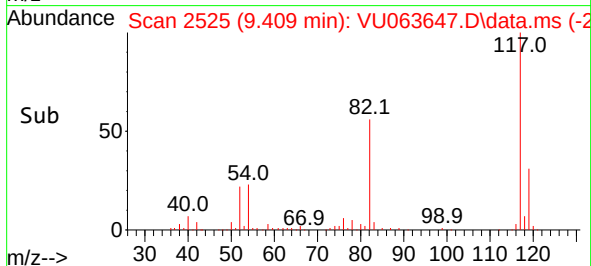
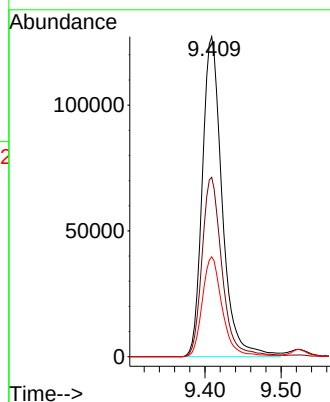
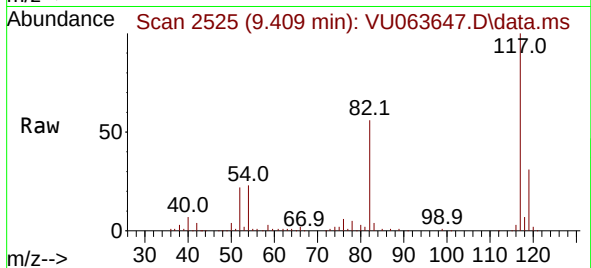




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

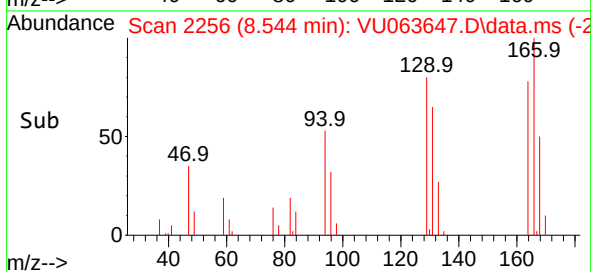
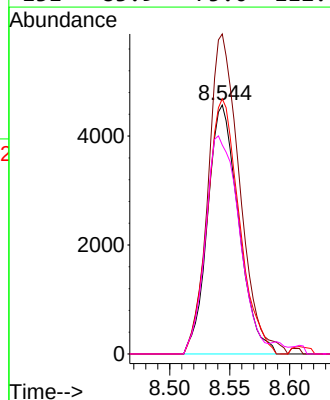
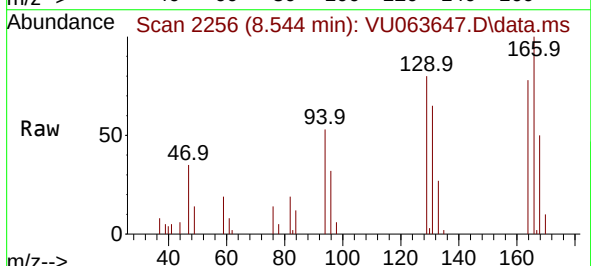
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

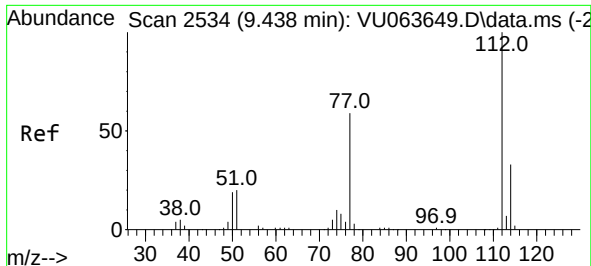
Tgt Ion:117 Resp: 230677
Ion Ratio Lower Upper
117 100
82 56.1 44.8 67.2
119 31.2 26.0 39.0



#64
Tetrachloroethene
Concen: 4.811 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:164 Resp: 8190
Ion Ratio Lower Upper
164 100
166 128.6 99.6 149.4
129 102.5 78.3 117.5
131 83.9 75.0 112.4

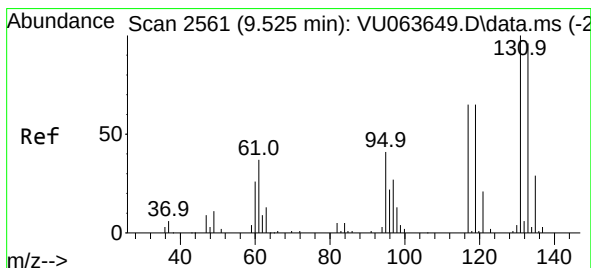
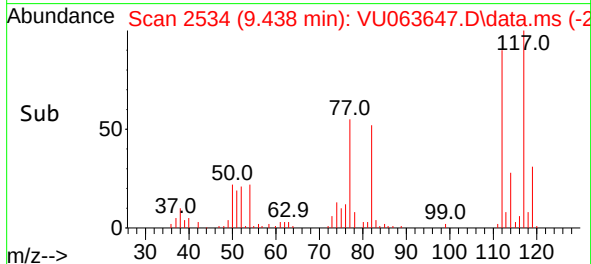
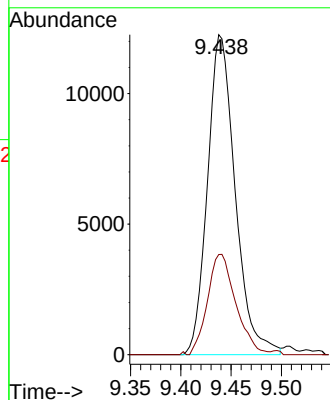
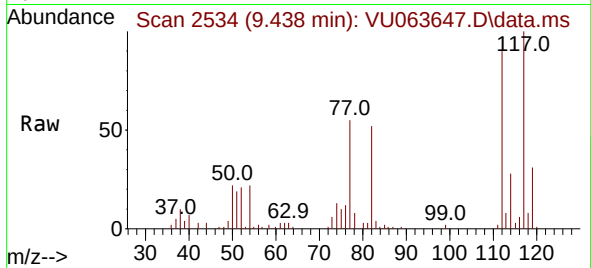




#65
Chlorobenzene
Concen: 4.956 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

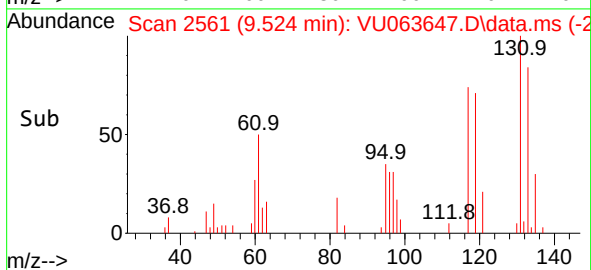
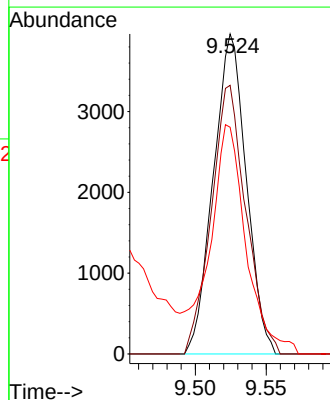
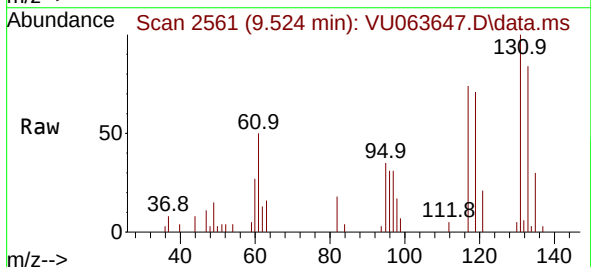
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

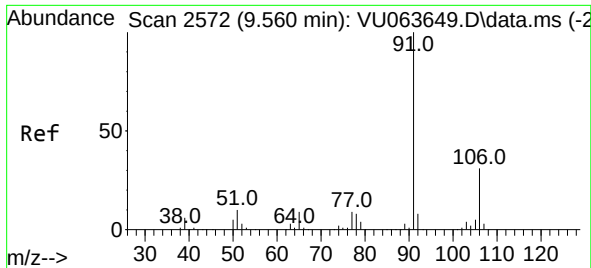
Tgt Ion:112 Resp: 23489
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 4.676 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:131 Resp: 6394
Ion Ratio Lower Upper
131 100
133 88.2 48.4 145.3
119 78.1 33.2 99.6

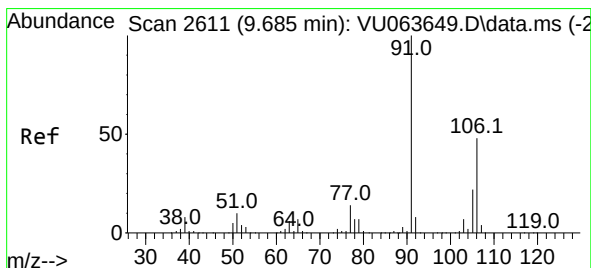
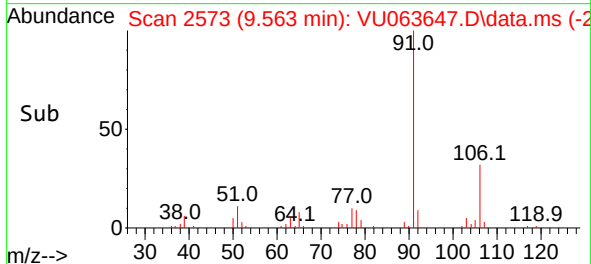
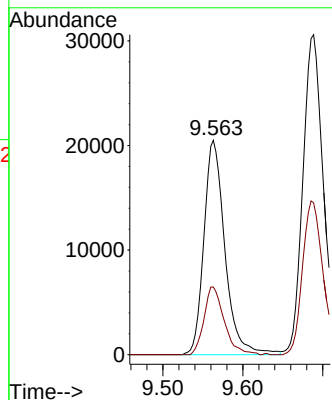
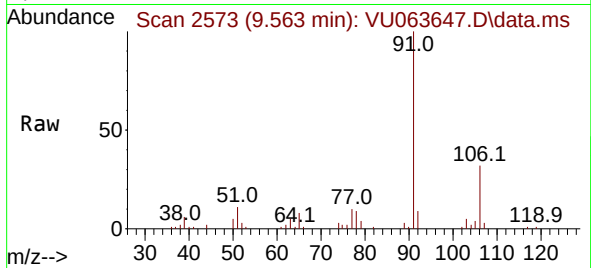




#67
Ethyl Benzene
Concen: 4.716 ug/l
RT: 9.563 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

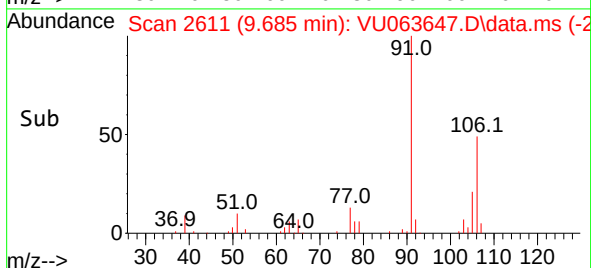
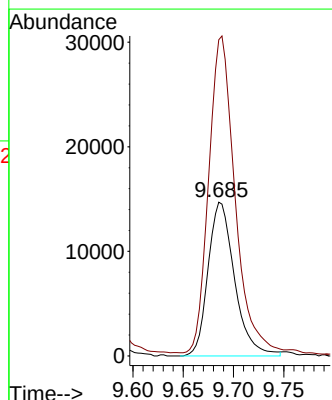
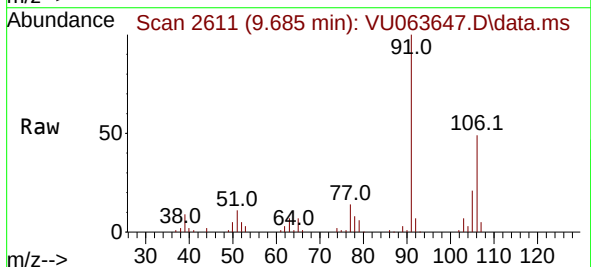
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

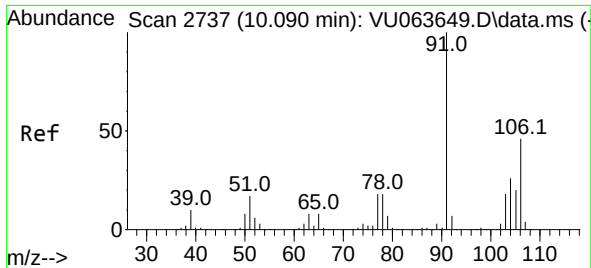
Tgt Ion: 91 Resp: 37527
Ion Ratio Lower Upper
91 100
106 31.6 24.8 37.2



#68
m/p-Xylenes
Concen: 9.084 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 106 Resp: 26980
Ion Ratio Lower Upper
106 100
91 203.3 166.6 249.8

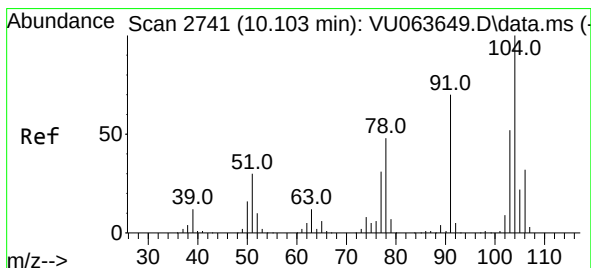
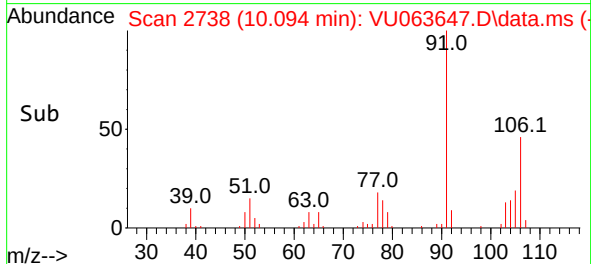
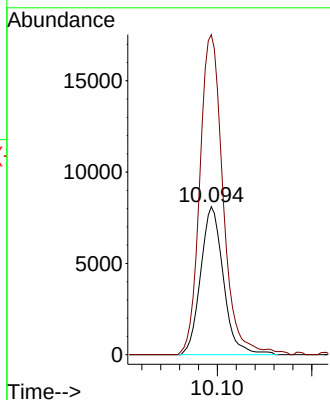
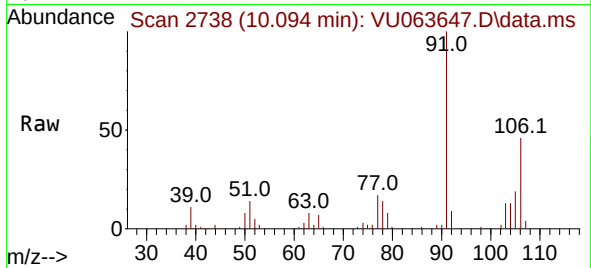




#69
o-Xylene
Concen: 4.721 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

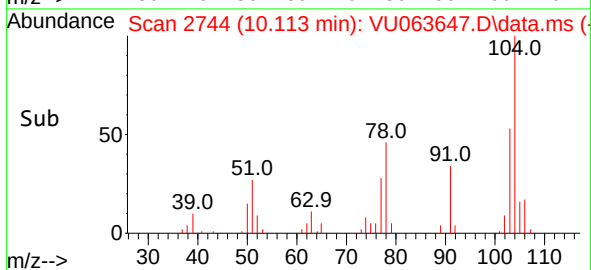
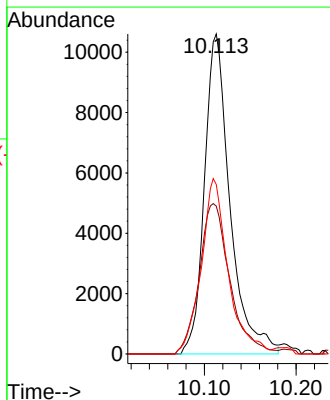
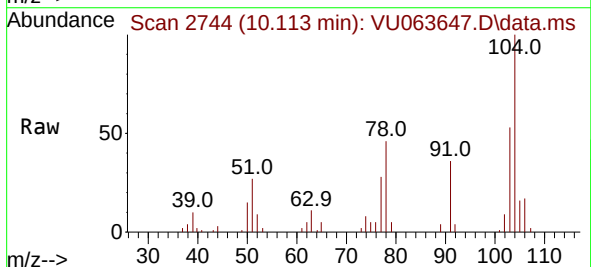
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

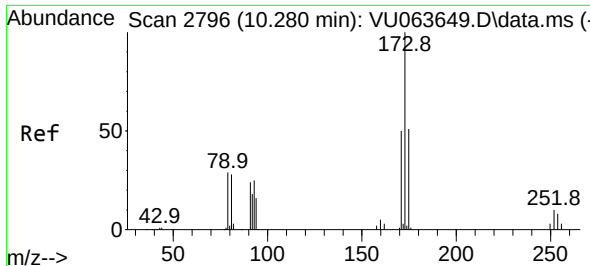
Tgt Ion:106 Resp: 13576
Ion Ratio Lower Upper
106 100
91 218.7 111.1 333.3



#70
Styrene
Concen: 4.408 ug/l
RT: 10.113 min Scan# 2744
Delta R.T. 0.010 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:104 Resp: 20561
Ion Ratio Lower Upper
104 100
78 56.3 42.2 63.4
103 57.6 44.9 67.3

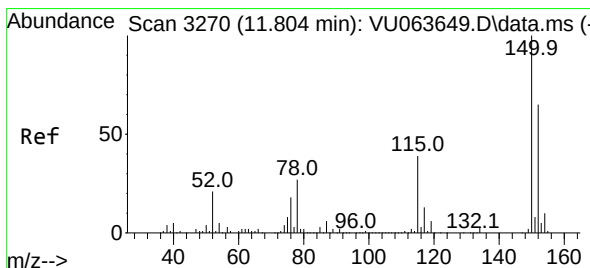
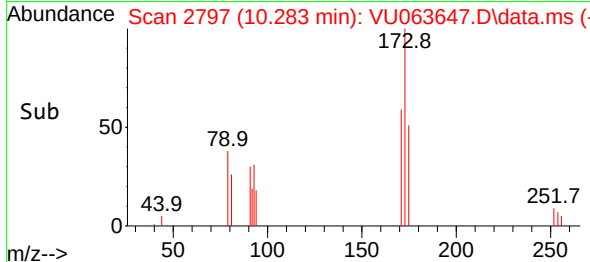
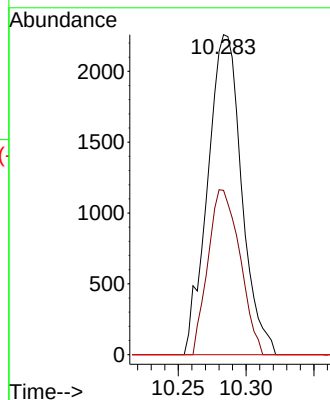
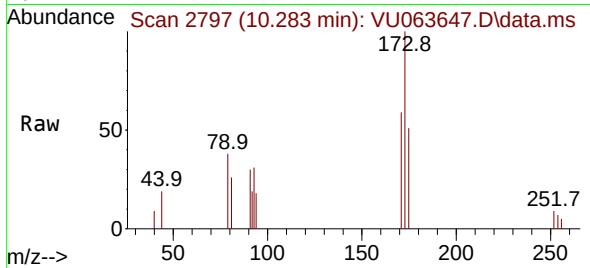




#71
Bromoform
Concen: 7.468 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

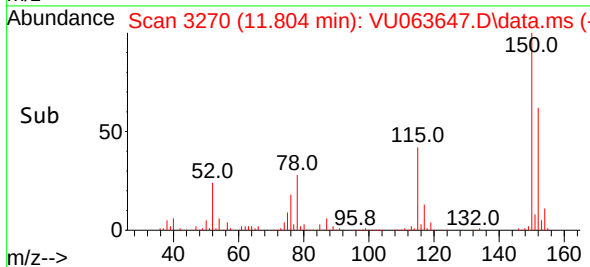
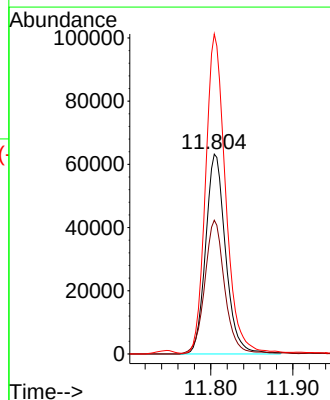
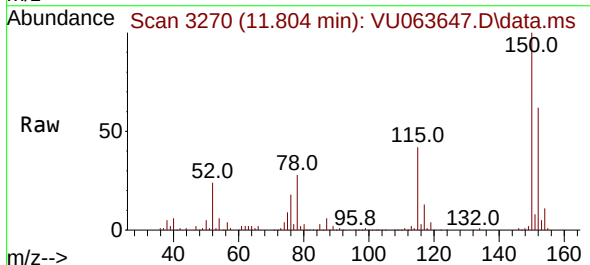
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

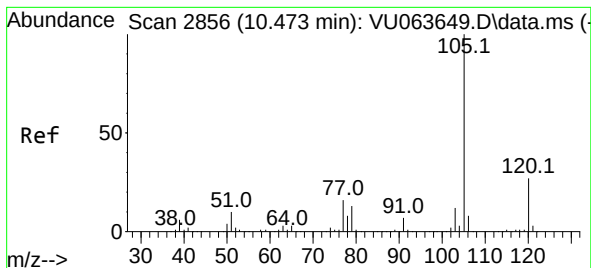
Tgt Ion:173 Resp: 3939
Ion Ratio Lower Upper
173 100
175 48.3 24.3 72.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. 0.000 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:152 Resp: 106957
Ion Ratio Lower Upper
152 100
115 67.0 42.3 126.8
150 159.4 0.0 340.8





#73

Isopropylbenzene

Concen: 5.300 ug/l

RT: 10.476 min Scan# 2856

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

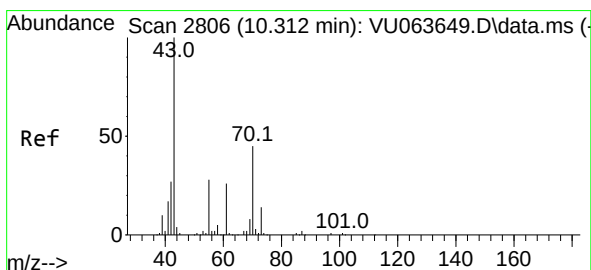
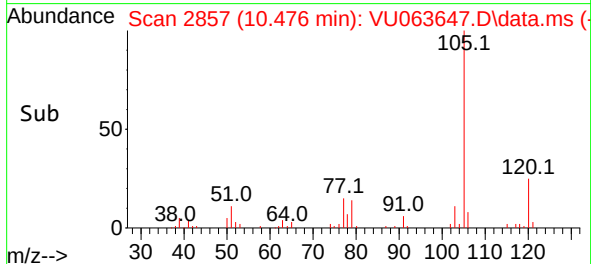
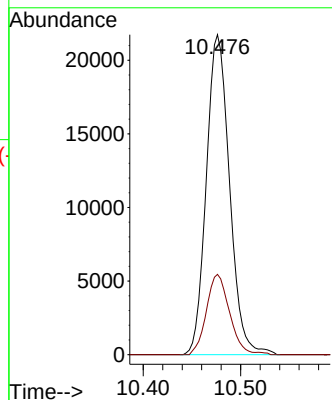
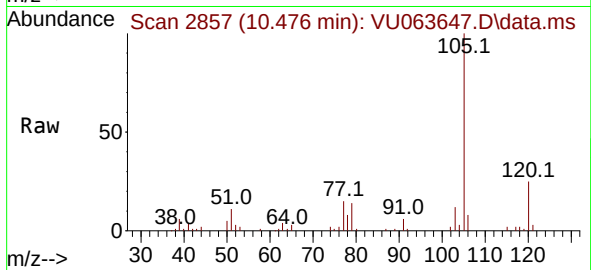
VSTDICC005

Tgt Ion:105 Resp: 36003

Ion Ratio Lower Upper

105 100

120 25.1 13.5 40.4



#74

N-ethyl acetate

Concen: 4.537 ug/l

RT: 10.319 min Scan# 2808

Delta R.T. 0.006 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Tgt Ion: 43 Resp: 10711

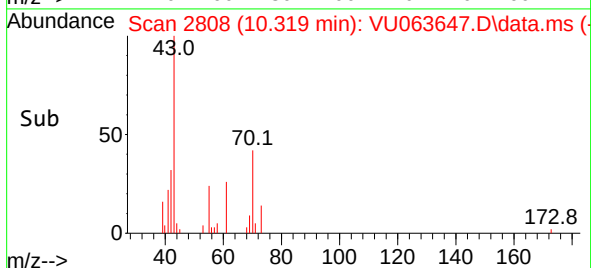
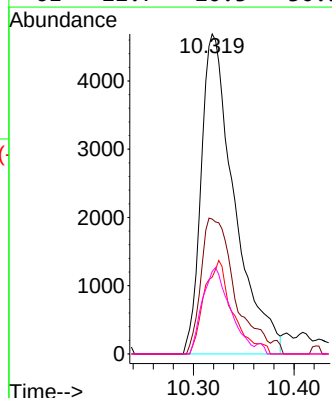
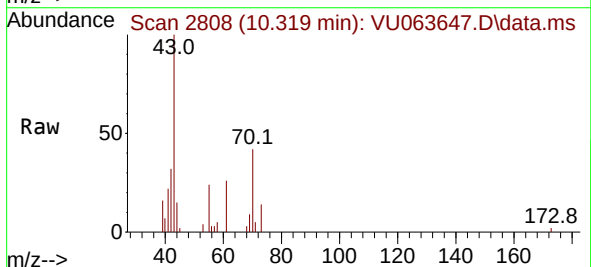
Ion Ratio Lower Upper

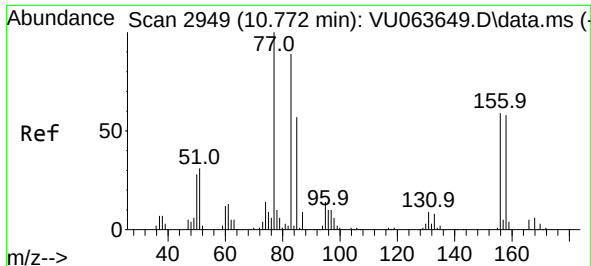
43 100

70 43.3 35.5 53.3

55 25.0 21.6 32.4

61 22.7 20.3 30.5

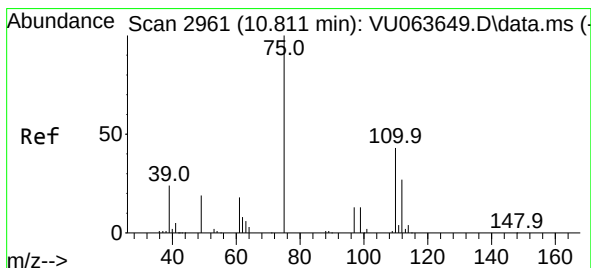
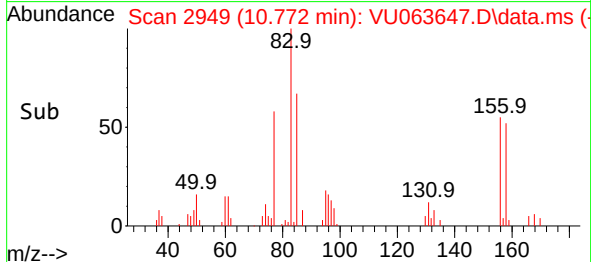
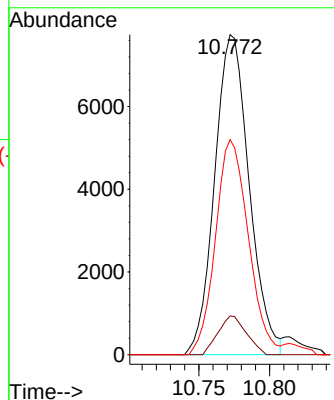
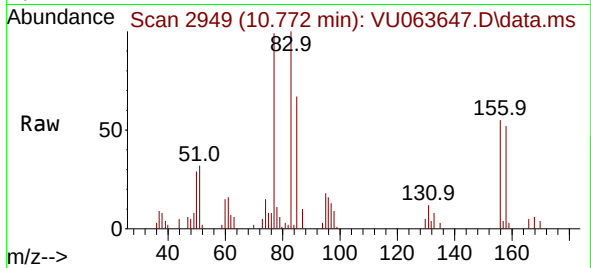




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.235 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

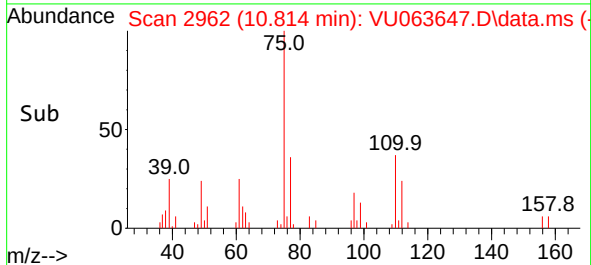
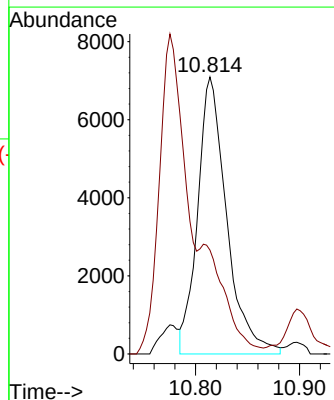
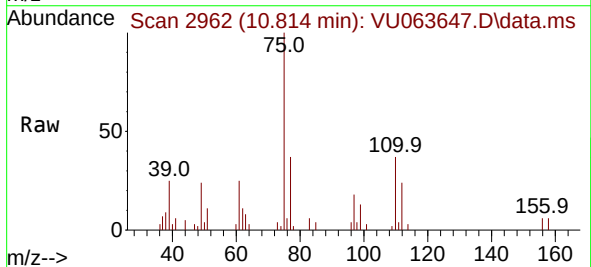
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

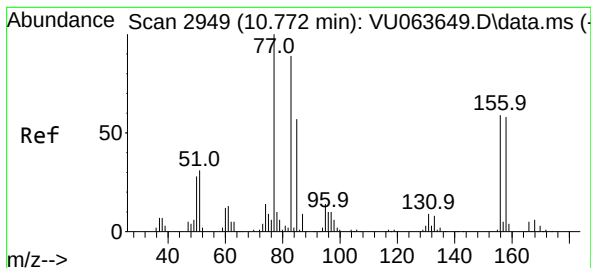
Tgt Ion: 83 Resp: 13134
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 64.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 5.326 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 75 Resp: 13788
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.134 ug/l

RT: 10.778 min Scan# 2949

Delta R.T. 0.006 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

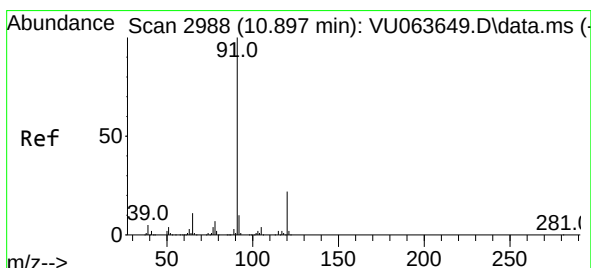
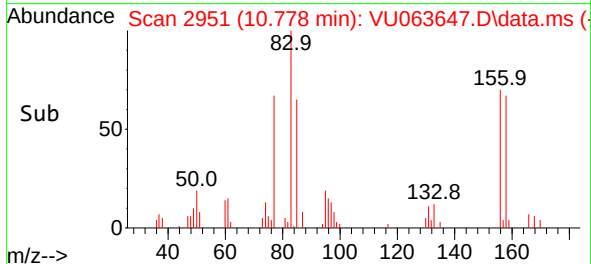
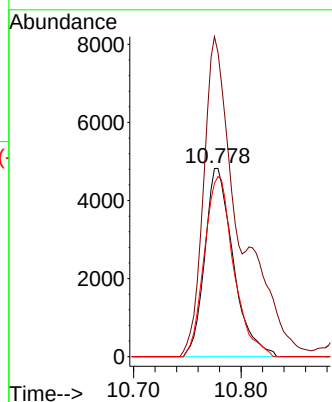
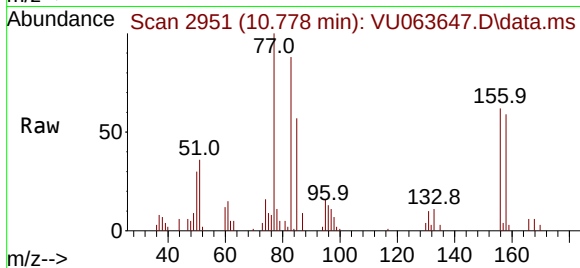
Tgt Ion:156 Resp: 8885

Ion Ratio Lower Upper

156 100

77 159.2 81.6 244.8

158 98.6 49.3 147.9



#78

n-propylbenzene

Concen: 5.047 ug/l

RT: 10.897 min Scan# 2988

Delta R.T. -0.000 min

Lab File: VU063647.D

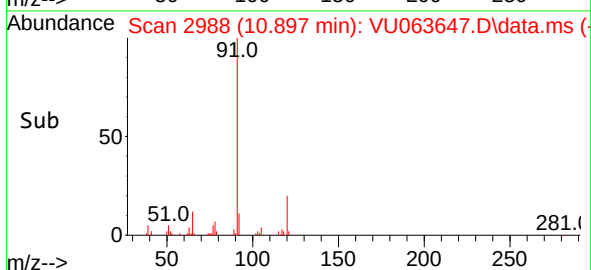
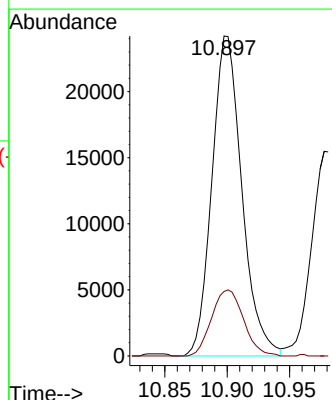
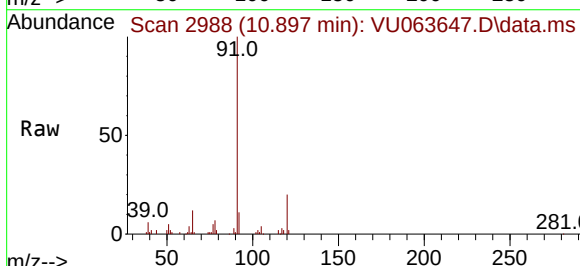
Acq: 25 Sep 2025 17:32

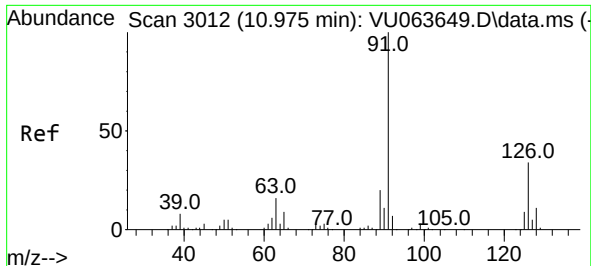
Tgt Ion: 91 Resp: 40498

Ion Ratio Lower Upper

91 100

120 22.0 11.2 33.6





#79

2-Chlorotoluene

Concen: 5.254 ug/l

RT: 10.978 min Scan# 3012

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

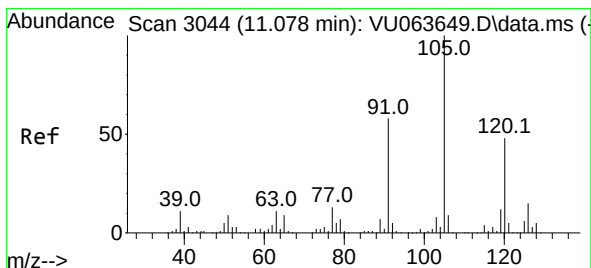
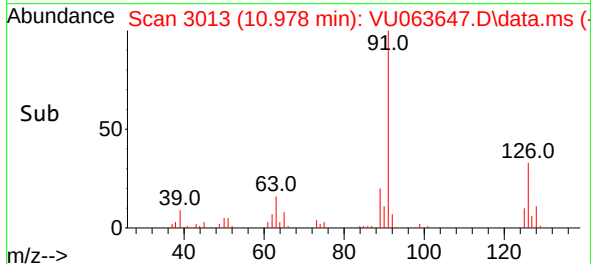
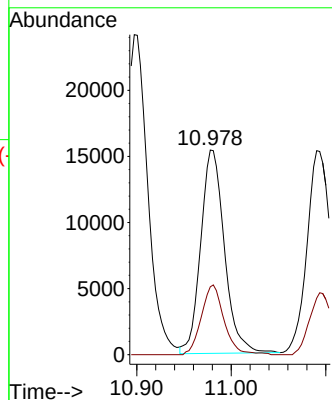
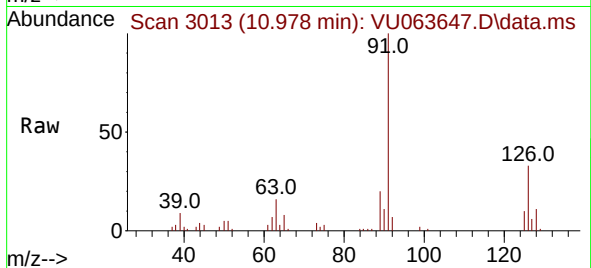
VSTDIC005

Tgt Ion: 91 Resp: 26835

Ion Ratio Lower Upper

91 100

126 32.8 16.8 50.4



#80

1,3,5-Trimethylbenzene

Concen: 5.013 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.003 min

Lab File: VU063647.D

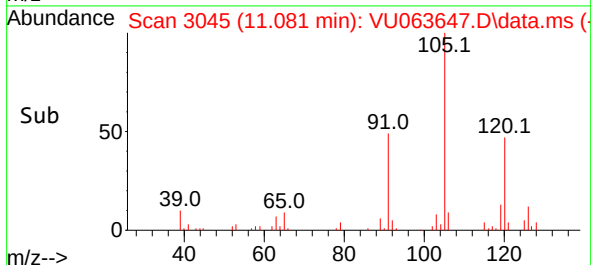
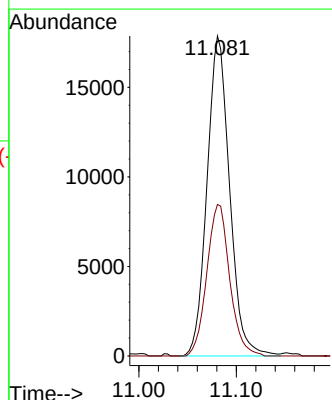
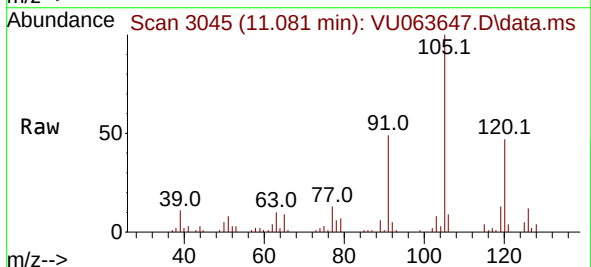
Acq: 25 Sep 2025 17:32

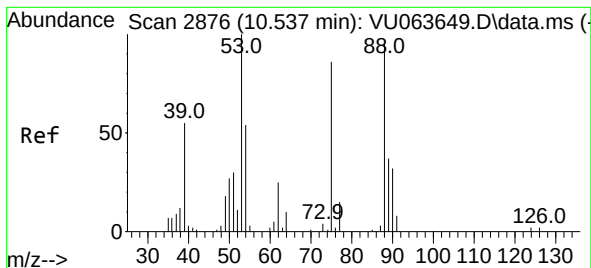
Tgt Ion: 105 Resp: 28758

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.9

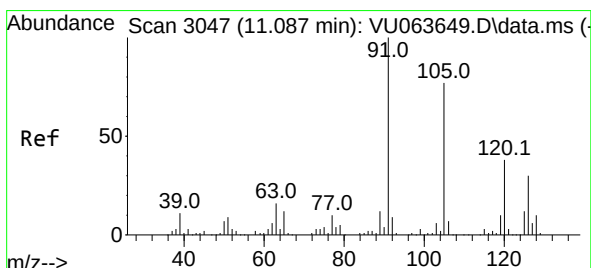
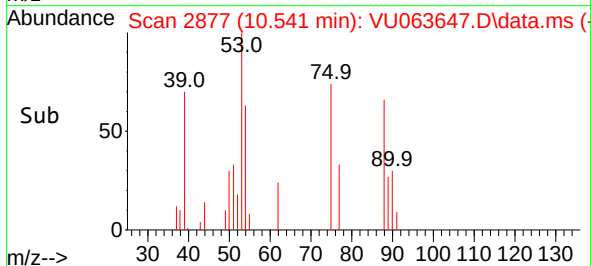
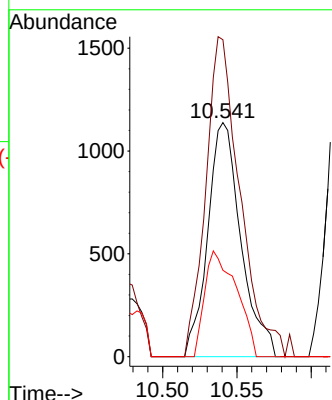
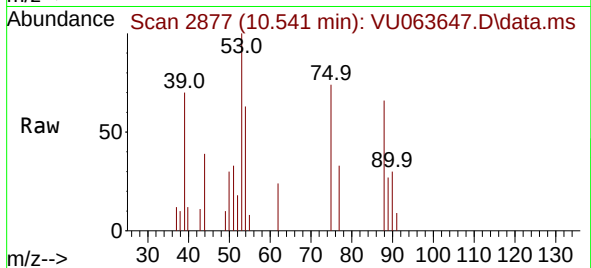




#81
trans-1,4-Dichloro-2-butene
Concen: 4.321 ug/l
RT: 10.541 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

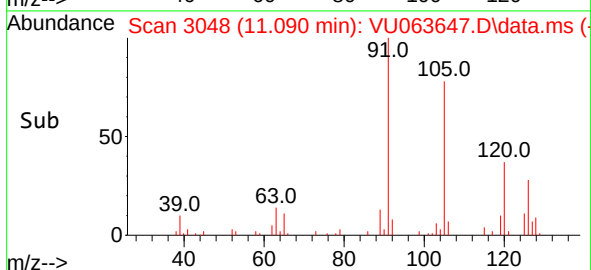
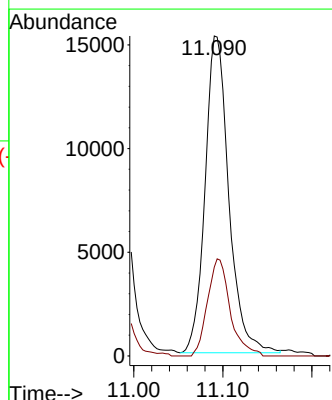
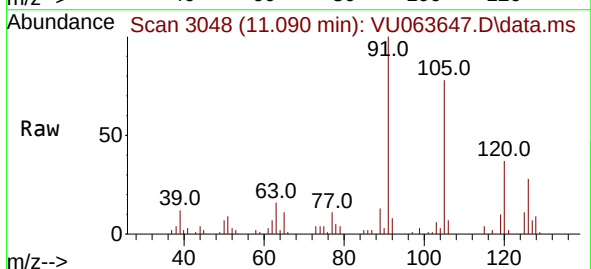
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

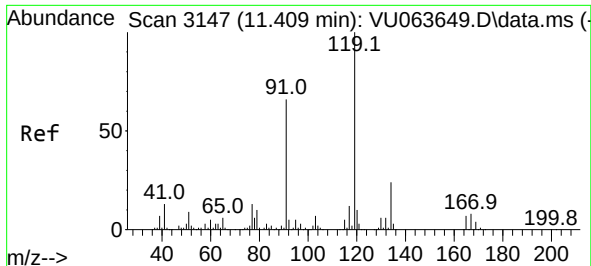
Tgt Ion: 75 Resp: 1766
Ion Ratio Lower Upper
75 100
53 142.4 94.6 142.0#
89 43.3 37.4 56.2



#82
4-Chlorotoluene
Concen: 5.036 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion: 91 Resp: 28251
Ion Ratio Lower Upper
91 100
126 29.3 14.6 44.0

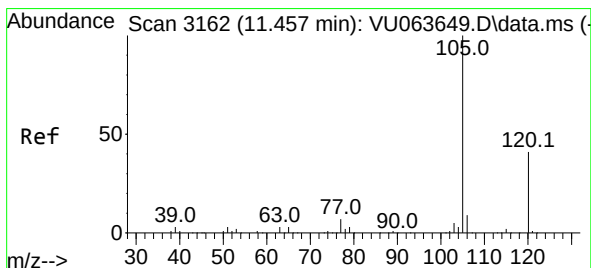
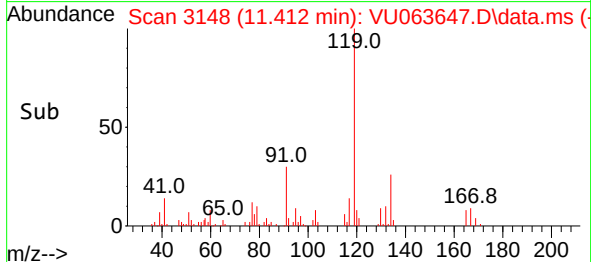
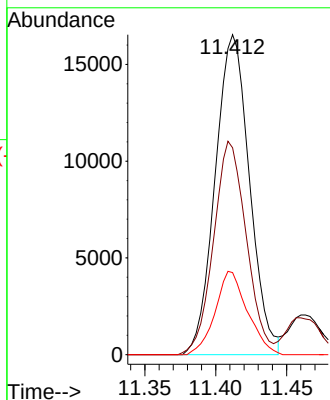
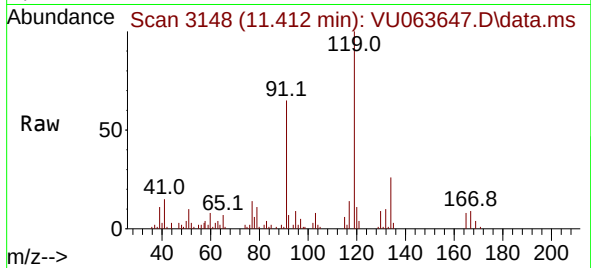




#83
 tert-Butylbenzene
 Concen: 5.057 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

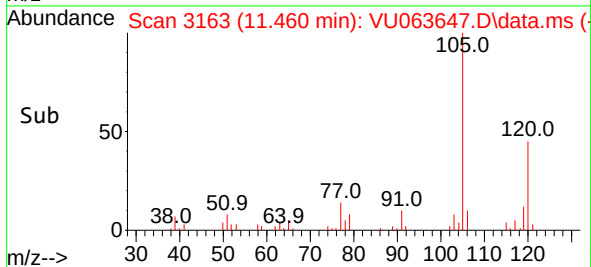
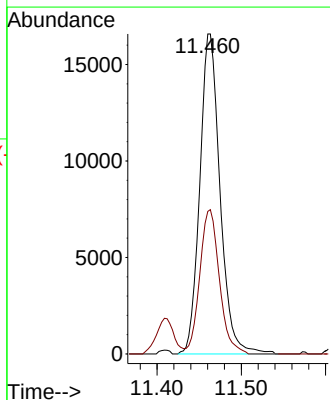
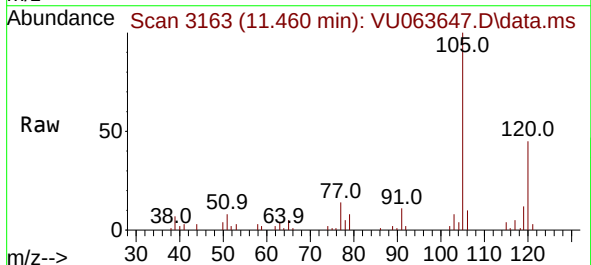
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

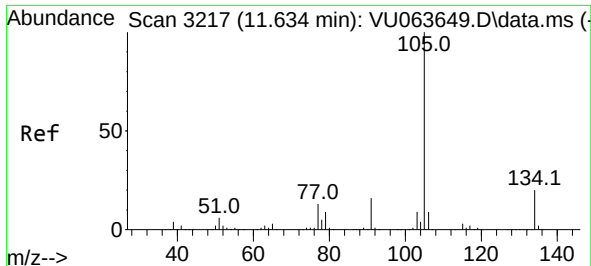
Tgt Ion:119 Resp: 27905
 Ion Ratio Lower Upper
 119 100
 91 63.7 31.5 94.5
 134 24.5 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 4.918 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion:105 Resp: 27782
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.6 67.7

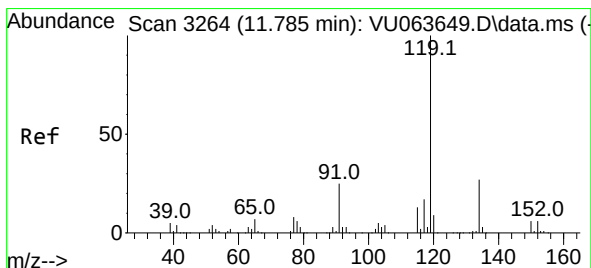
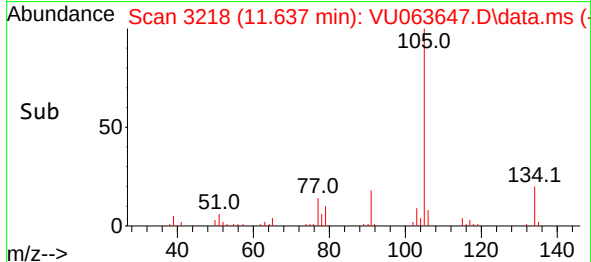
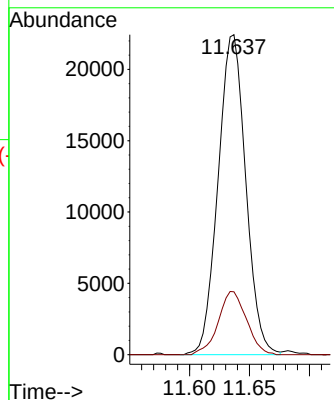
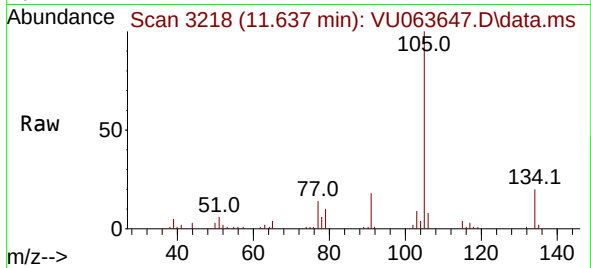




#85
 sec-Butylbenzene
 Concen: 4.992 ug/l
 RT: 11.637 min Scan# 3217
 Delta R.T. 0.003 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

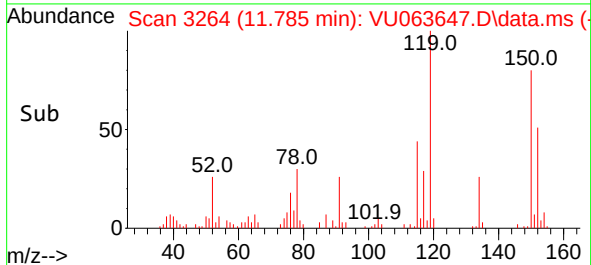
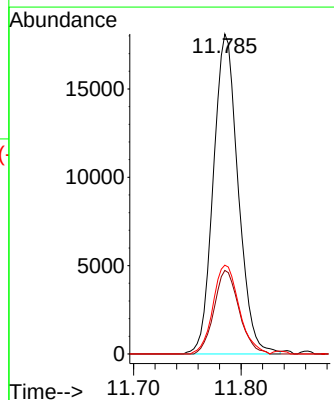
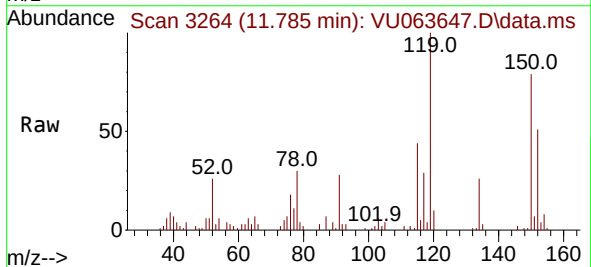
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

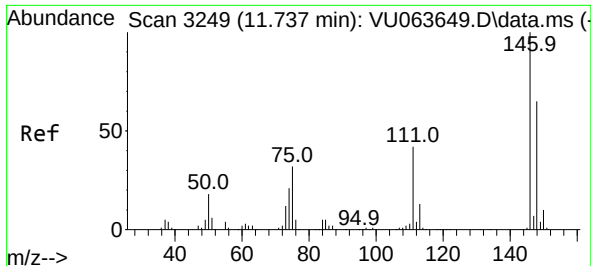
Tgt Ion:105 Resp: 35964
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 4.893 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion:119 Resp: 28972
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.4 40.1
 91 29.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 5.020 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

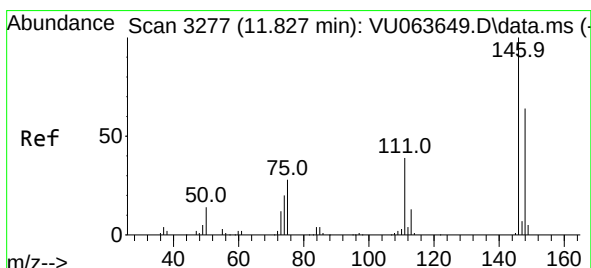
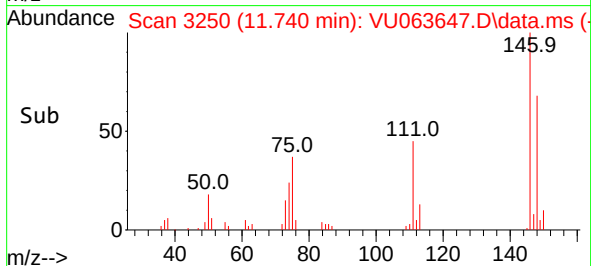
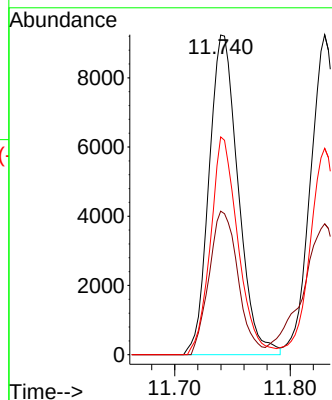
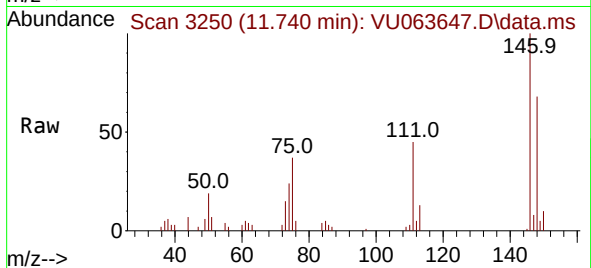
Tgt Ion:146 Resp: 16177

Ion Ratio Lower Upper

146 100

111 44.7 20.8 62.5

148 64.4 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 5.033 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

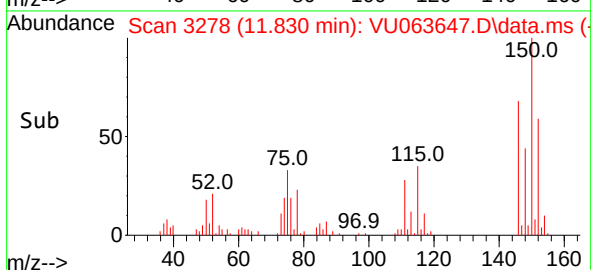
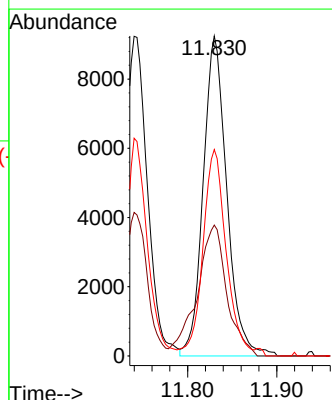
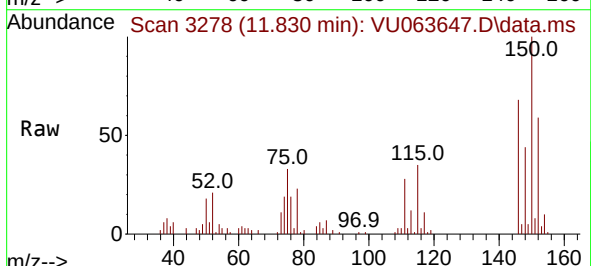
Tgt Ion:146 Resp: 17021

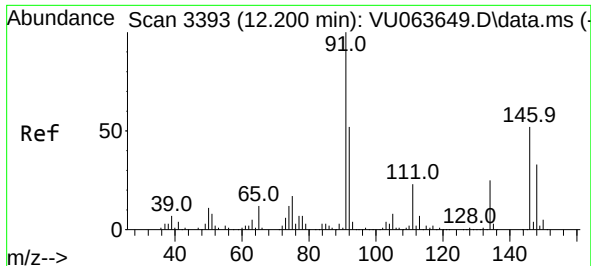
Ion Ratio Lower Upper

146 100

111 51.7 20.3 60.8

148 59.7 31.7 95.1





#89

n-Butylbenzene

Concen: 5.109 ug/l

RT: 12.203 min Scan# 3393

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

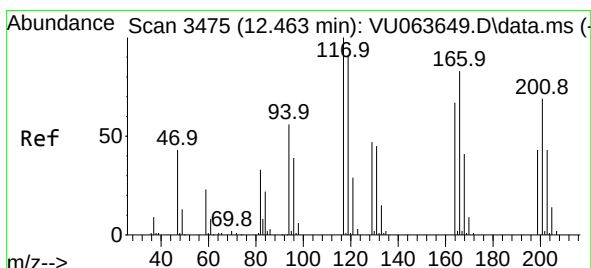
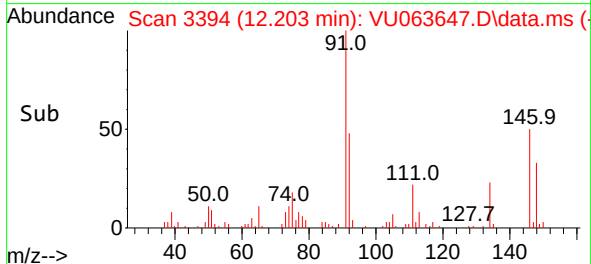
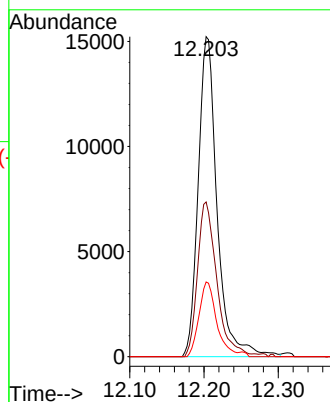
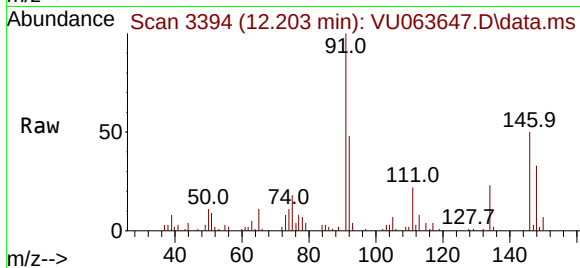
Tgt Ion: 91 Resp: 26962

Ion Ratio Lower Upper

91 100

92 49.5 26.0 78.0

134 21.7 12.4 37.4



#90

Hexachloroethane

Concen: 7.481 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VU063647.D

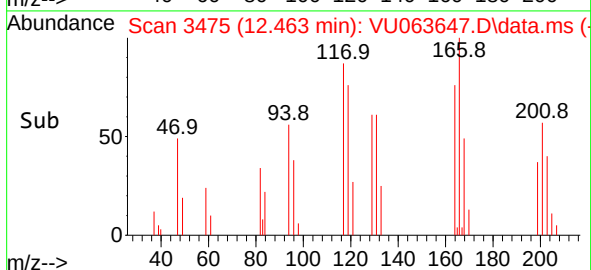
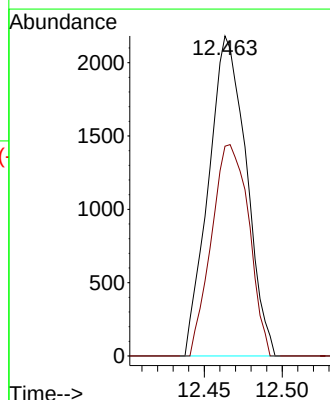
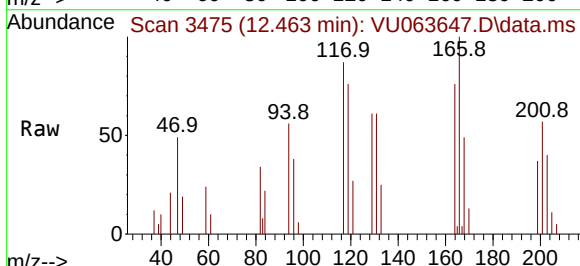
Acq: 25 Sep 2025 17:32

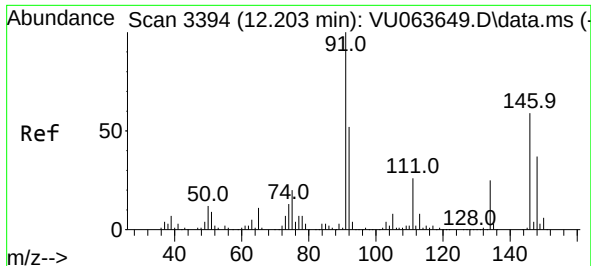
Tgt Ion: 117 Resp: 3673

Ion Ratio Lower Upper

117 100

201 65.4 35.8 107.3

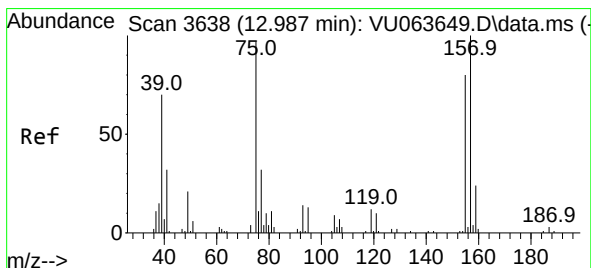
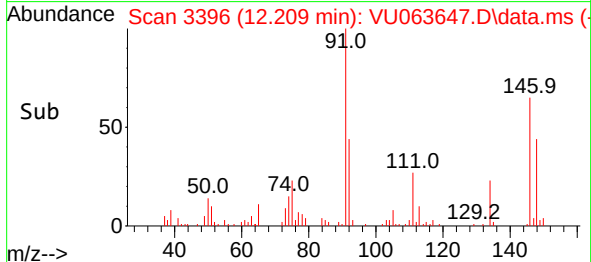
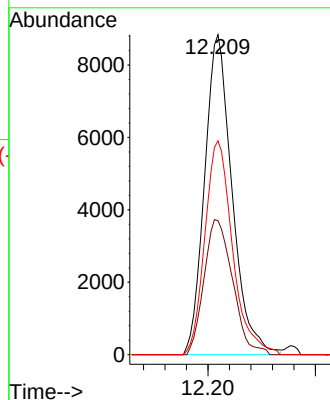
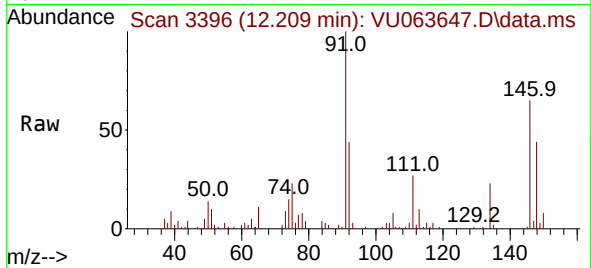




#91
 1,2-Dichlorobenzene
 Concen: 4.978 ug/l
 RT: 12.209 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

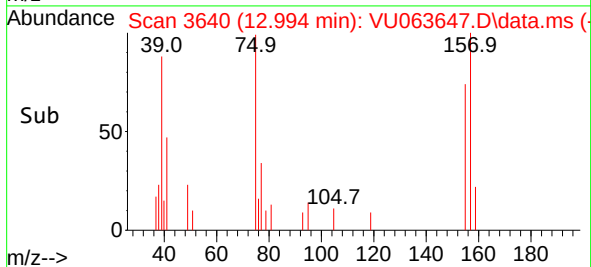
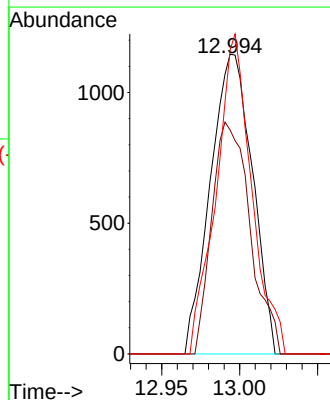
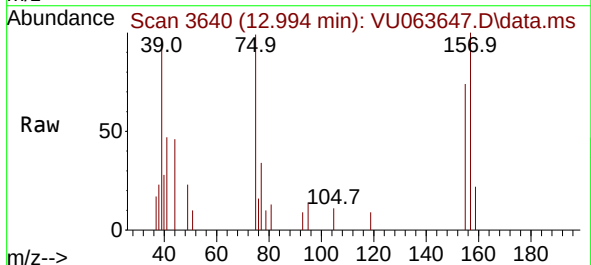
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

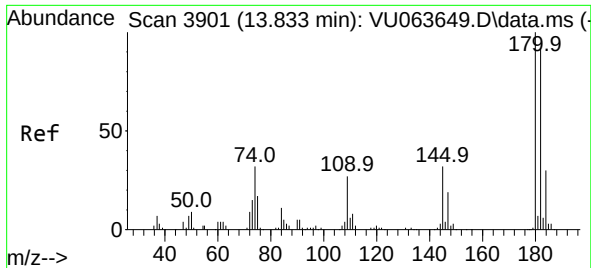
Tgt Ion:146 Resp: 15678
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.7 65.1
 148 67.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.609 ug/l
 RT: 12.994 min Scan# 3640
 Delta R.T. 0.006 min
 Lab File: VU063647.D
 Acq: 25 Sep 2025 17:32

Tgt Ion: 75 Resp: 2144
 Ion Ratio Lower Upper
 75 100
 155 70.8 39.3 117.8
 157 90.5 50.8 152.4

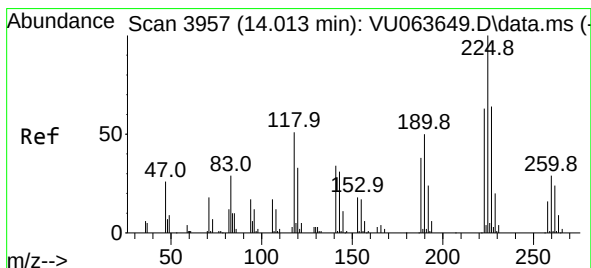
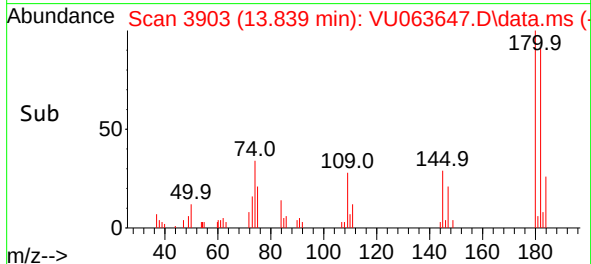
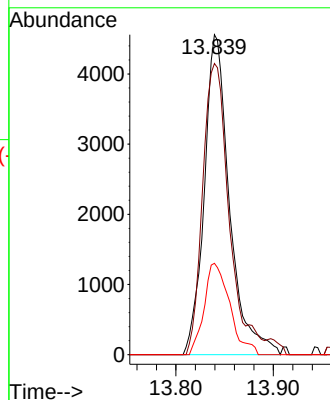
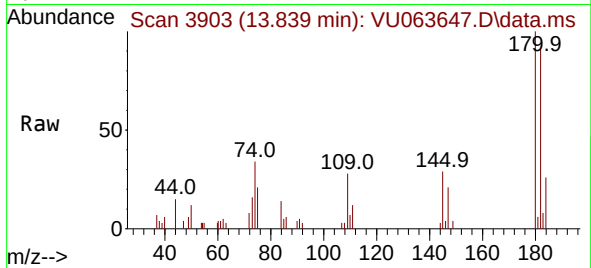




#93
1,2,4-Trichlorobenzene
Concen: 4.561 ug/l
RT: 13.839 min Scan# 3901
Delta R.T. 0.006 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

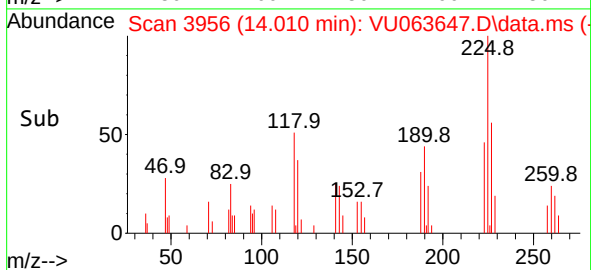
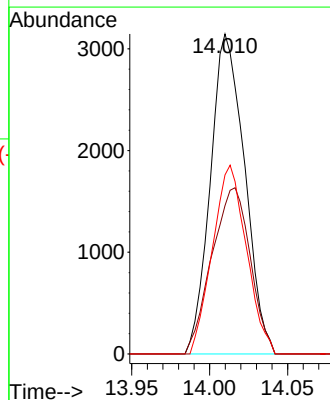
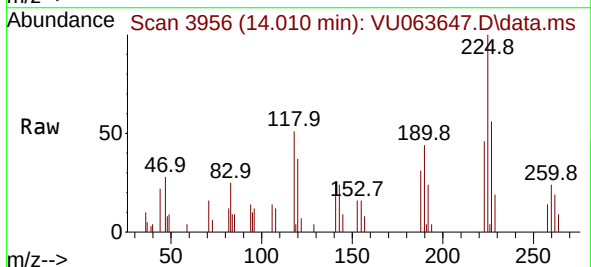
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

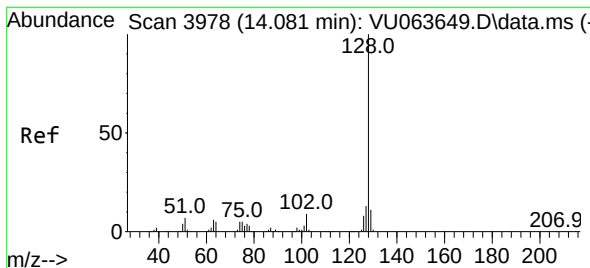
Tgt Ion:180 Resp: 8226
Ion Ratio Lower Upper
180 100
182 94.9 47.0 141.0
145 28.8 16.0 48.0



#94
Hexachlorobutadiene
Concen: 5.285 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.003 min
Lab File: VU063647.D
Acq: 25 Sep 2025 17:32

Tgt Ion:225 Resp: 4801
Ion Ratio Lower Upper
225 100
223 58.4 31.1 93.3
227 58.6 31.2 93.6





#95

Naphthalene

Concen: 4.541 ug/l

RT: 14.090 min Scan# 3978

Delta R.T. 0.009 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

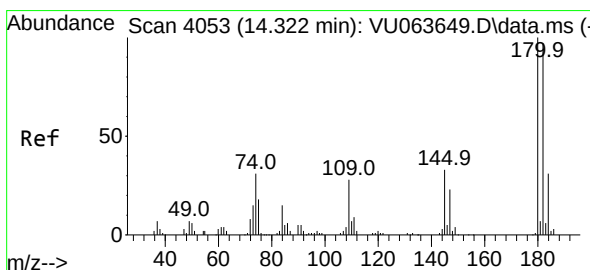
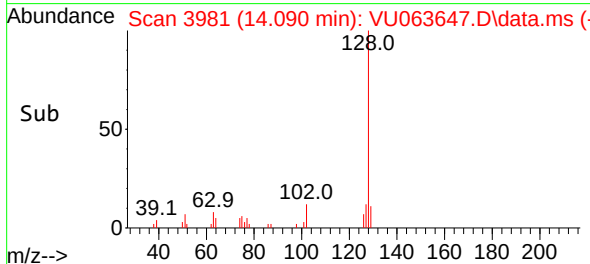
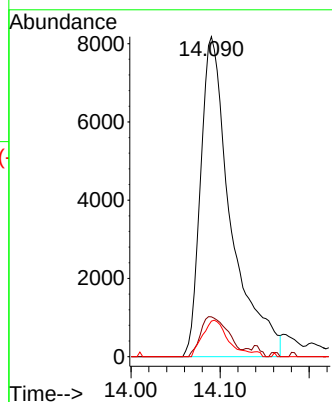
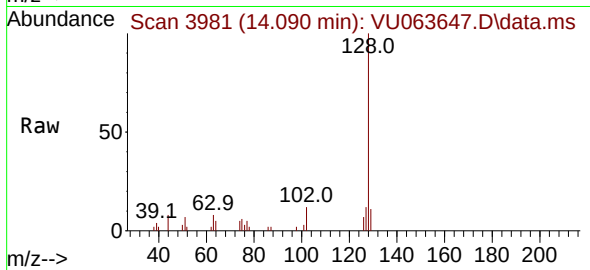
Tgt Ion:128 Resp: 19276

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 9.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 4.435 ug/l

RT: 14.325 min Scan# 4054

Delta R.T. 0.003 min

Lab File: VU063647.D

Acq: 25 Sep 2025 17:32

Tgt Ion:180 Resp: 8022

Ion Ratio Lower Upper

180 100

182 90.7 47.1 141.4

145 32.1 16.4 49.1

