

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111025\
 Data File : VU063691.D
 Acq On : 10 Nov 2025 12:02
 Operator : MD/SY
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

Quant Time: Nov 11 01:22:26 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:18:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.341	168	211671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.222	114	349613	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	327674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	172876	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.673	65	64680	20.685	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.380%#
35) Dibromofluoromethane	5.258	113	49889	20.374	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.740%#
50) Toluene-d8	7.872	98	177545	20.182	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	40.360%#
62) 4-Bromofluorobenzene	10.611	95	72562	19.940	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	39.880%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	22975	17.973	ug/l	99
3) Chloromethane	1.509	50	25965	20.444	ug/l	97
4) Vinyl Chloride	1.589	62	28721	18.267	ug/l	97
5) Bromomethane	1.837	94	22074	20.677	ug/l	97
6) Chloroethane	1.914	64	22340	18.788	ug/l	96
7) Trichlorofluoromethane	2.116	101	56077	18.640	ug/l	97
8) Diethyl Ether	2.358	74	23522	18.391	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.557	101	36718	19.209	ug/l	99
10) Methyl Iodide	2.695	142	34645	18.365	ug/l	100
11) Tert butyl alcohol	3.155	59	67680	92.770	ug/l	98
12) 1,1-Dichloroethene	2.554	96	30410	18.476	ug/l	98
13) Acrolein	2.460	56	4367	79.175	ug/l #	73
14) Allyl chloride	2.898	41	60738	19.787	ug/l	98
15) Acrylonitrile	3.287	53	148051	99.091	ug/l	99
16) Acetone	2.602	43	173297	98.084	ug/l	99
17) Carbon Disulfide	2.769	76	42124	20.019	ug/l	100
18) Methyl Acetate	2.923	43	109276	20.845	ug/l	98
19) Methyl tert-butyl Ether	3.335	73	142536	19.193	ug/l	96
20) Methylene Chloride	3.017	84	41104	20.050	ug/l	98
21) trans-1,2-Dichloroethene	3.325	96	31565	18.680	ug/l	95
22) Diisopropyl ether	3.959	45	128219	18.965	ug/l #	82
23) Vinyl Acetate	3.927	43	419236	90.927	ug/l	98
24) 1,1-Dichloroethane	3.837	63	76474	19.613	ug/l	100
25) 2-Butanone	4.673	43	195357	90.739	ug/l	99
26) 2,2-Dichloropropane	4.628	77	63215	18.876	ug/l	99
27) cis-1,2-Dichloroethene	4.637	96	46929	19.009	ug/l	97
28) Bromochloromethane	4.939	49	35128	22.515	ug/l	96
29) Tetrahydrofuran	5.020	42	119555	95.433	ug/l	99
30) Chloroform	5.058	83	82964	19.421	ug/l	96
31) Cyclohexane	5.357	56	53290	20.387	ug/l	99
32) 1,1,1-Trichloroethane	5.287	97	68010	19.401	ug/l	99
36) 1,1-Dichloropropene	5.499	75	46588	18.693	ug/l	97
37) Ethyl Acetate	4.779	43	56952	16.073	ug/l	98
38) Carbon Tetrachloride	5.492	117	49022	18.199	ug/l	98
39) Methylcyclohexane	6.734	83	54028	19.094	ug/l	97
40) Benzene	5.746	78	155667	19.355	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	33893	18.479	ug/l	99
42) 1,2-Dichloroethane	5.766	62	62875	19.822	ug/l	100
43) Isopropyl Acetate	5.885	43	97471	18.844	ug/l	98
44) Trichloroethene	6.518	130	40877	18.116	ug/l	100
45) 1,2-Dichloropropane	6.763	63	41715	19.080	ug/l	97
46) Dibromomethane	6.891	93	31201	19.006	ug/l	97
47) Bromodichloromethane	7.078	83	63319	19.025	ug/l	95
48) Methyl methacrylate	6.936	41	46683	18.386	ug/l	98
49) 1,4-Dioxane	6.939	88	26596	395.381	ug/l	99
51) 4-Methyl-2-Pentanone	7.762	43	375160	94.780	ug/l	100
52) Toluene	7.946	92	100188	19.195	ug/l	99
53) t-1,3-Dichloropropene	8.187	75	50644	18.070	ug/l	97
54) cis-1,3-Dichloropropene	7.582	75	55926	17.804	ug/l	99
55) 1,1,2-Trichloroethane	8.373	97	45330	18.925	ug/l	98
56) Ethyl methacrylate	8.309	69	65100	18.420	ug/l	96
57) 1,3-Dichloropropane	8.550	76	74410	19.042	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.451	63	2615	61.534	ug/l #	91
59) 2-Hexanone	8.663	43	275634	93.494	ug/l	99
60) Dibromochloromethane	8.785	129	46594	18.573	ug/l	99
61) 1,2-Dibromoethane	8.897	107	44948	19.475	ug/l	99
64) Tetrachloroethene	8.528	164	40671	19.239	ug/l	95
65) Chlorobenzene	9.422	112	120402	18.805	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.508	131	41634	19.118	ug/l	98
67) Ethyl Benzene	9.547	91	203837	19.114	ug/l	99
68) m/p-Xylenes	9.669	106	151571	38.505	ug/l	98
69) o-Xylene	10.078	106	77590	19.102	ug/l	99
70) Styrene	10.094	104	125356	19.213	ug/l	99
71) Bromoform	10.267	173	32518	18.543	ug/l #	99
73) Isopropylbenzene	10.460	105	208233	19.172	ug/l	99
74) N-amyl acetate	10.303	43	67513	17.841	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.756	83	77251	18.522	ug/l	98
76) 1,2,3-Trichloropropane	10.798	75	79289	18.597	ug/l #	100
77) Bromobenzene	10.759	156	52214	19.107	ug/l	99
78) n-propylbenzene	10.881	91	239278	19.205	ug/l	100
79) 2-Chlorotoluene	10.962	91	150677	18.710	ug/l	99
80) 1,3,5-Trimethylbenzene	11.065	105	174759	19.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.524	75	14167	17.324	ug/l	89
82) 4-Chlorotoluene	11.074	91	171451	18.735	ug/l	99
83) tert-Butylbenzene	11.396	119	181666	19.151	ug/l	99
84) 1,2,4-Trimethylbenzene	11.444	105	168533	18.858	ug/l	99
85) sec-Butylbenzene	11.618	105	232638	19.414	ug/l	100
86) p-Isopropyltoluene	11.769	119	183919	19.119	ug/l	99
87) 1,3-Dichlorobenzene	11.724	146	98722	19.229	ug/l	99
88) 1,4-Dichlorobenzene	11.814	146	98827	18.399	ug/l	98
89) n-Butylbenzene	12.184	91	159683	18.075	ug/l	99
90) Hexachloroethane	12.450	117	26607	18.130	ug/l	100
91) 1,2-Dichlorobenzene	12.190	146	98021	19.123	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.971	75	15540	18.183	ug/l	97
93) 1,2,4-Trichlorobenzene	13.817	180	55737	17.056	ug/l	100
94) Hexachlorobutadiene	13.994	225	31862	19.350	ug/l	96
95) Naphthalene	14.061	128	149504	16.888	ug/l	98
96) 1,2,3-Trichlorobenzene	14.302	180	53708	17.677	ug/l	99

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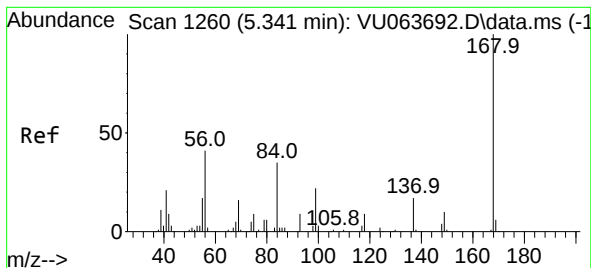
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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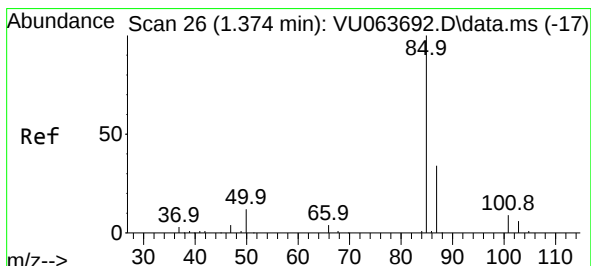
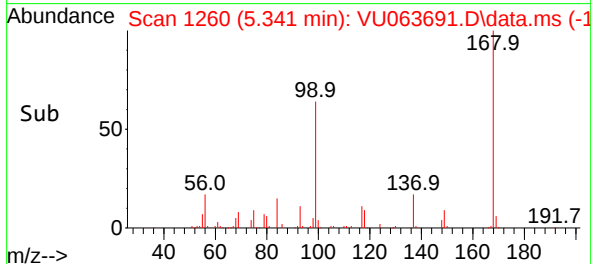
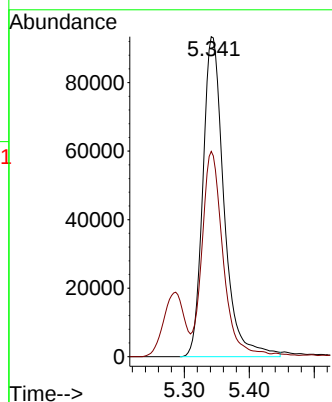
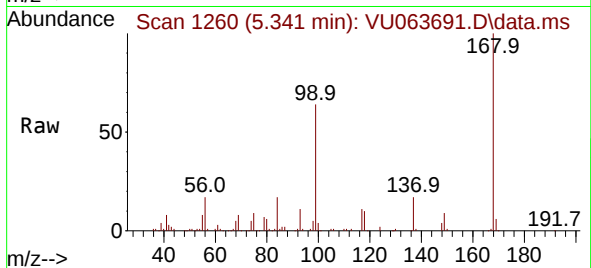




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063691.D
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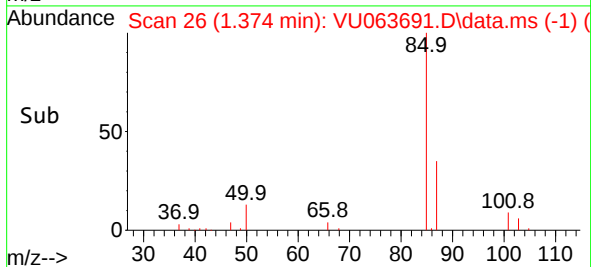
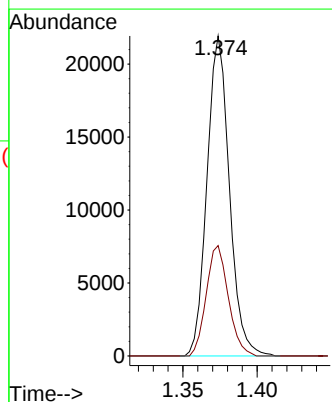
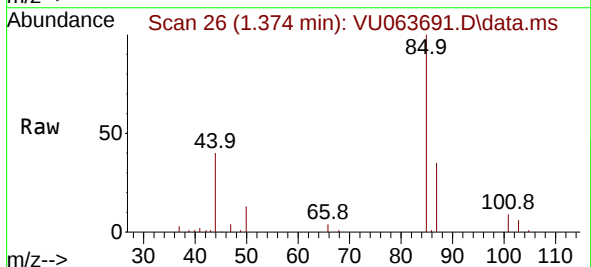
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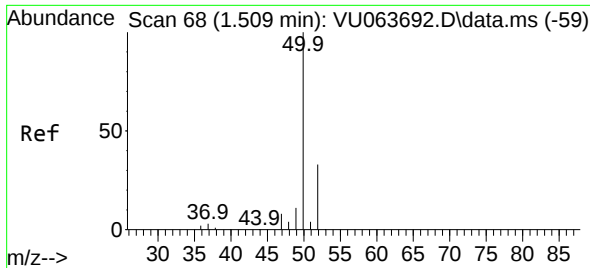
Tgt Ion:168 Resp: 211671
Ion Ratio Lower Upper
168 100
99 63.3 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 17.973 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 85 Resp: 22975
Ion Ratio Lower Upper
85 100
87 34.5 17.0 51.0

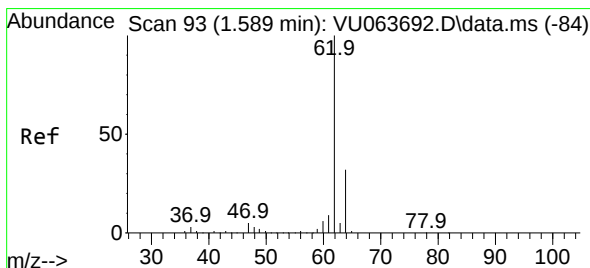
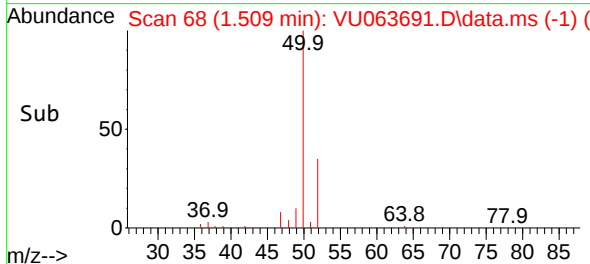
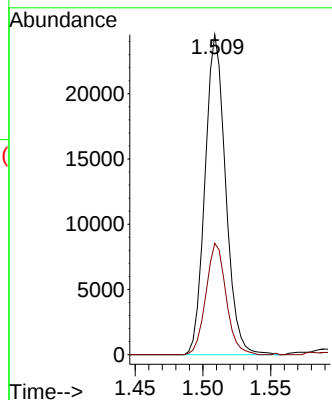
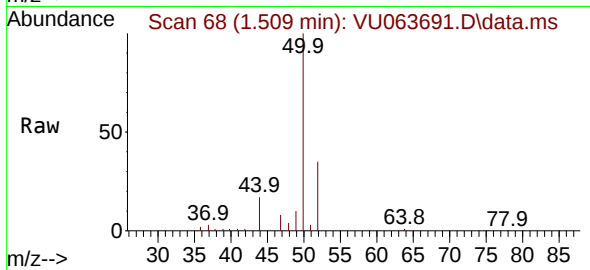




#3
Chloromethane
Concen: 20.444 ug/l
RT: 1.509 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063691.D
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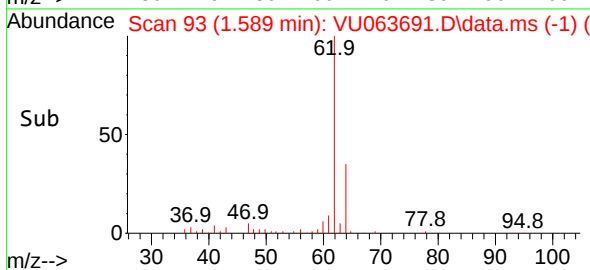
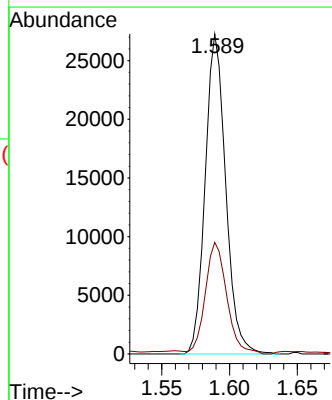
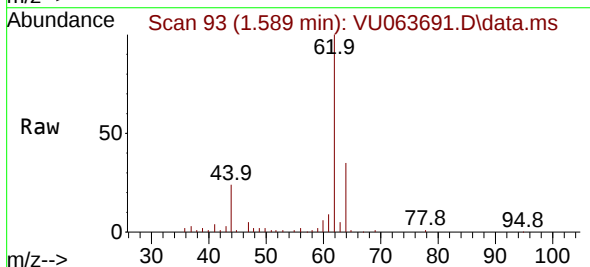
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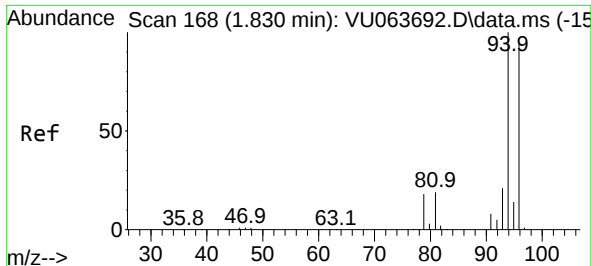
Tgt Ion: 50 Resp: 25965
Ion Ratio Lower Upper
50 100
52 34.8 26.3 39.5



#4
Vinyl Chloride
Concen: 18.267 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 62 Resp: 28721
Ion Ratio Lower Upper
62 100
64 34.1 25.9 38.9

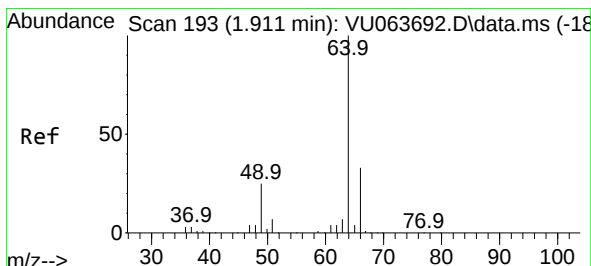
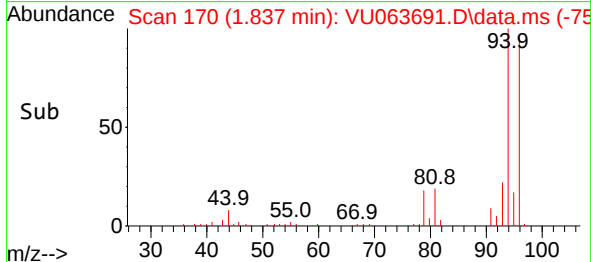
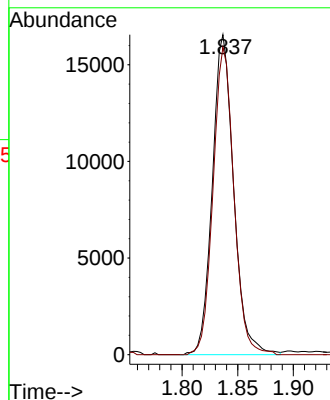
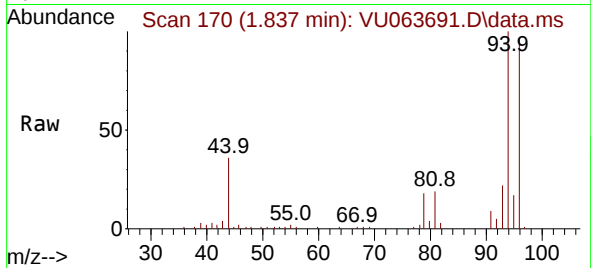




#5
Bromomethane
Concen: 20.677 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

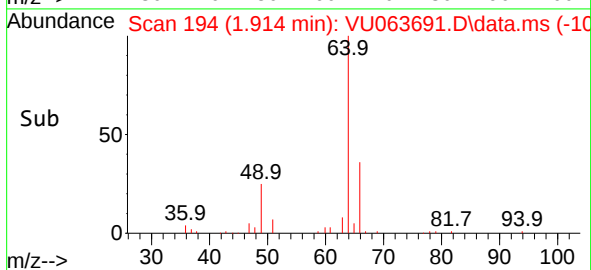
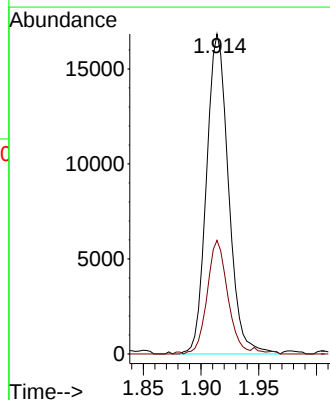
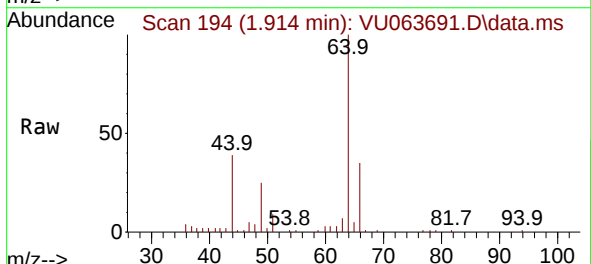
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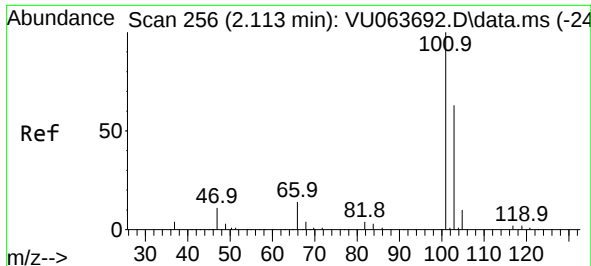
Tgt Ion: 94 Resp: 22074
Ion Ratio Lower Upper
94 100
96 96.1 74.8 112.2



#6
Chloroethane
Concen: 18.788 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 64 Resp: 22340
Ion Ratio Lower Upper
64 100
66 35.5 26.4 39.6

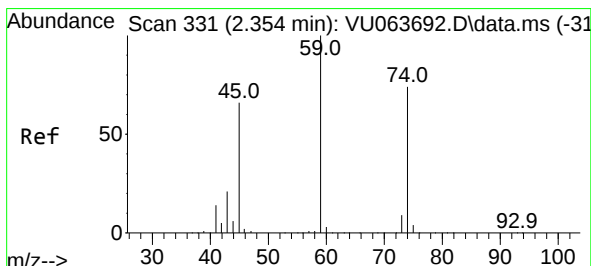
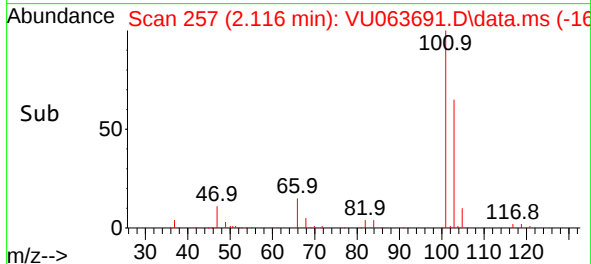
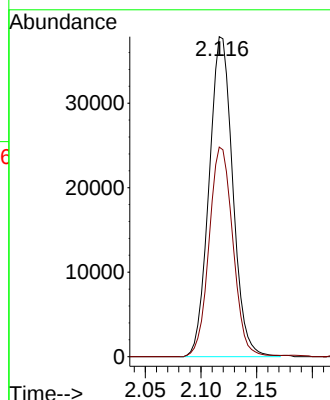
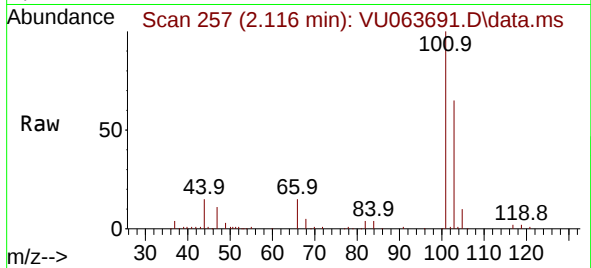




#7
Trichlorofluoromethane
Concen: 18.640 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

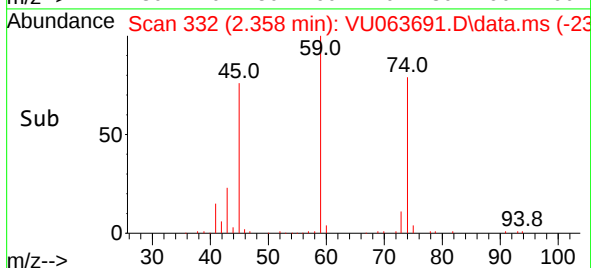
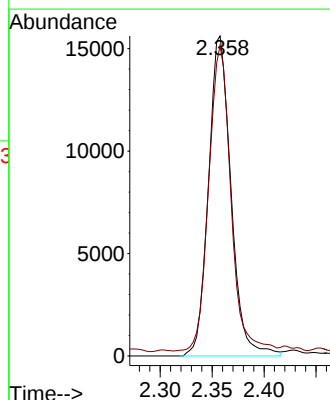
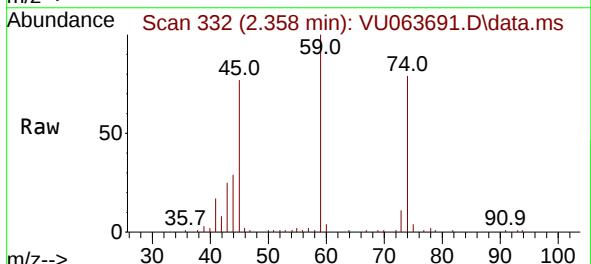
Instrument :
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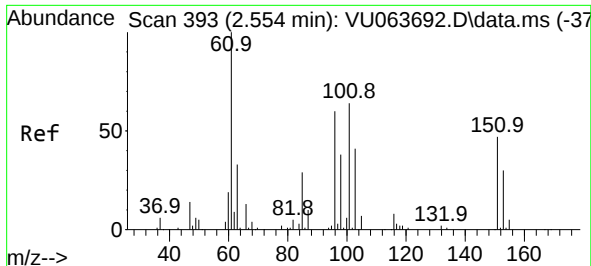
Tgt Ion:101 Resp: 56077
Ion Ratio Lower Upper
101 100
103 65.5 50.3 75.5



#8
Diethyl Ether
Concen: 18.391 ug/l
RT: 2.358 min Scan# 332
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 74 Resp: 23522
Ion Ratio Lower Upper
74 100
45 92.1 44.1 132.4

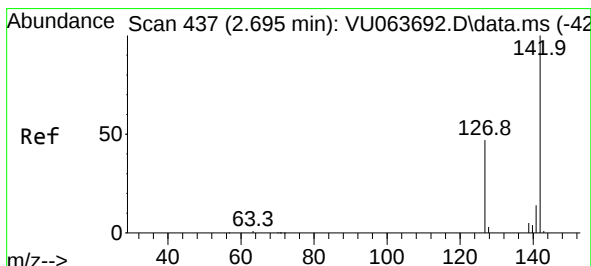
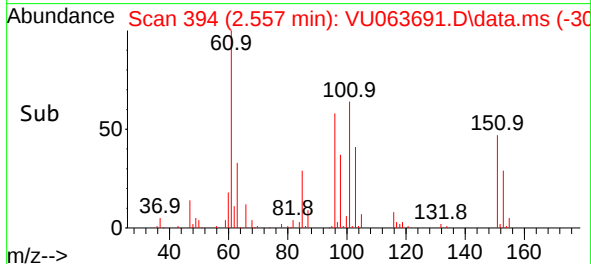
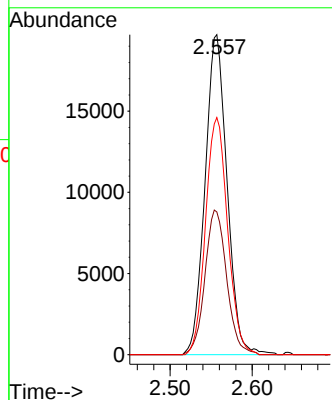
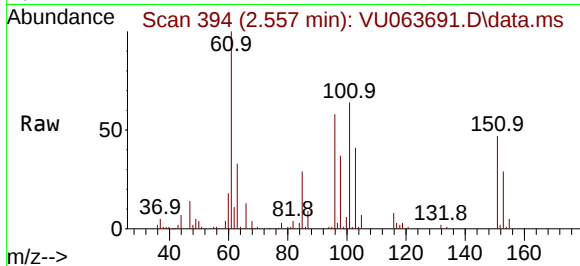




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.209 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063691.D
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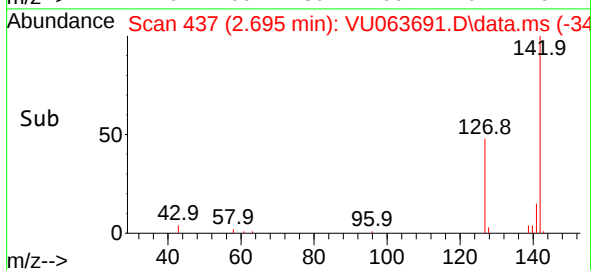
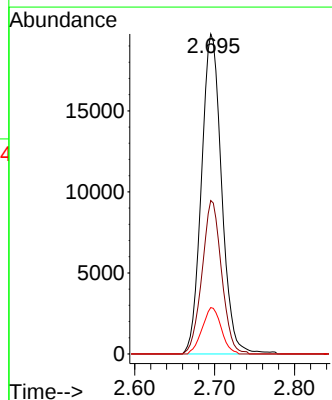
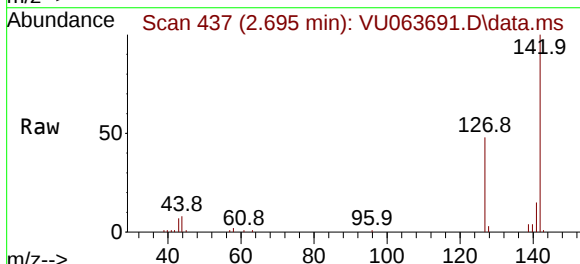
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

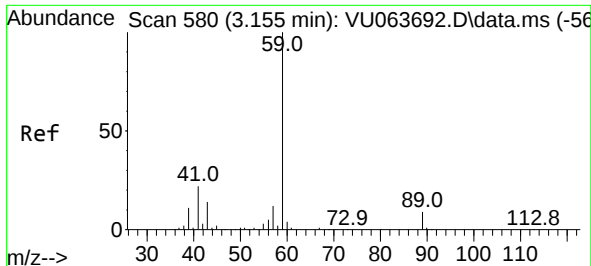
Tgt Ion:101 Resp: 36718
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 74.4 58.5 87.7



#10
Methyl Iodide
Concen: 18.365 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:142 Resp: 34645
Ion Ratio Lower Upper
142 100
127 46.4 37.2 55.8
141 13.7 11.4 17.0

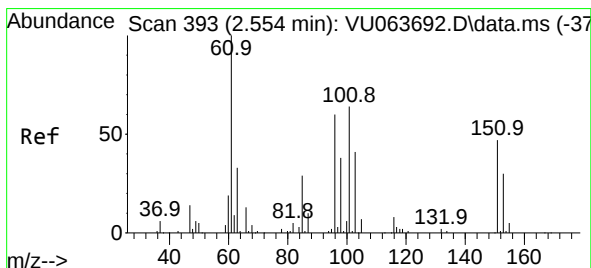
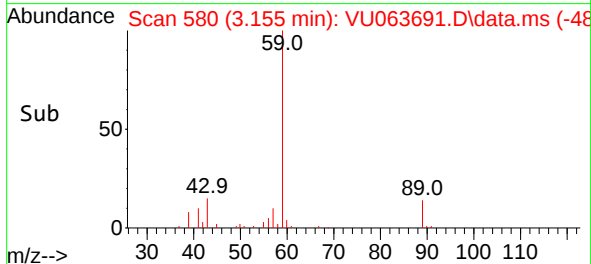
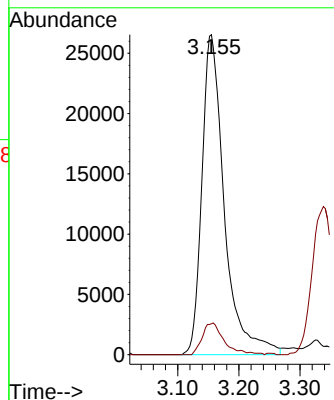
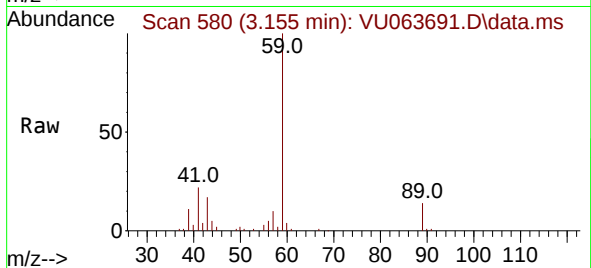




#11
Tert butyl alcohol
Concen: 92.770 ug/l
RT: 3.155 min Scan# 580
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

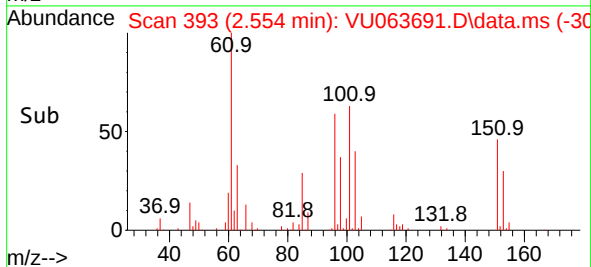
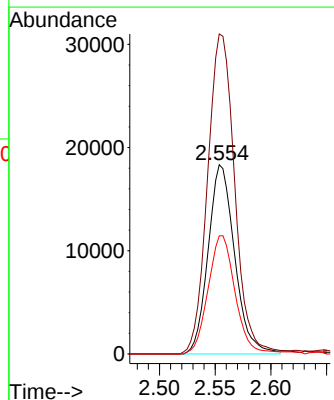
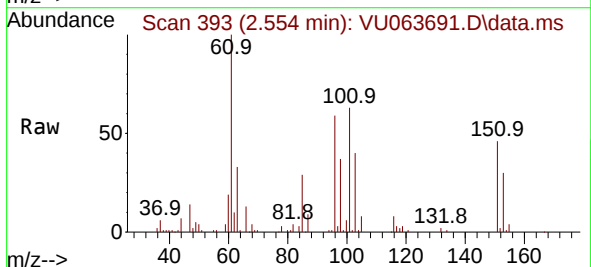
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

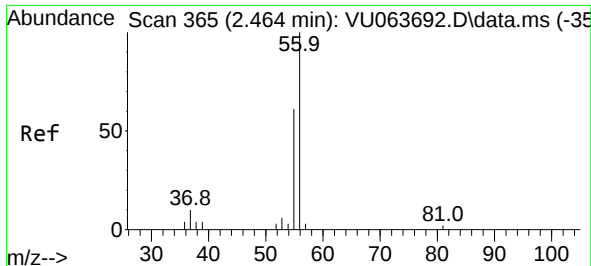
Tgt Ion: 59 Resp: 67680
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.476 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 96 Resp: 30410
Ion Ratio Lower Upper
96 100
61 169.0 133.1 199.7
98 62.4 50.7 76.1





#13

Acrolein

Concen: 79.175 ug/l

RT: 2.460 min Scan# 3

Delta R.T. -0.004 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

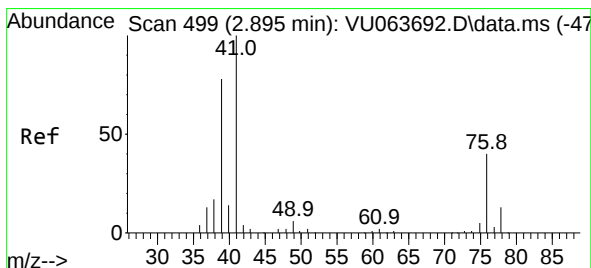
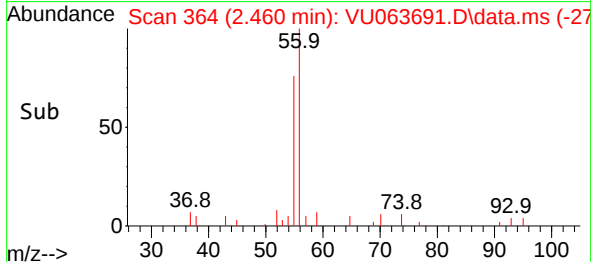
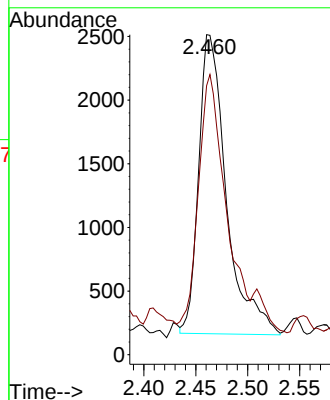
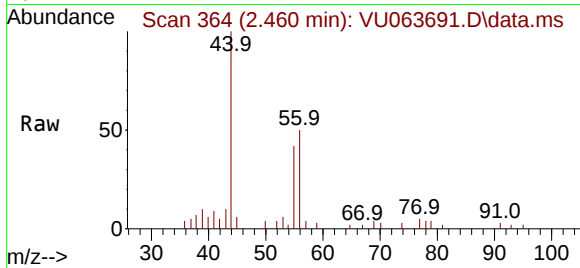
VSTDICC020

Tgt Ion: 56 Resp: 4367

Ion Ratio Lower Upper

56 100

55 79.2 47.1 70.7#



#14

Allyl chloride

Concen: 19.787 ug/l

RT: 2.898 min Scan# 500

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

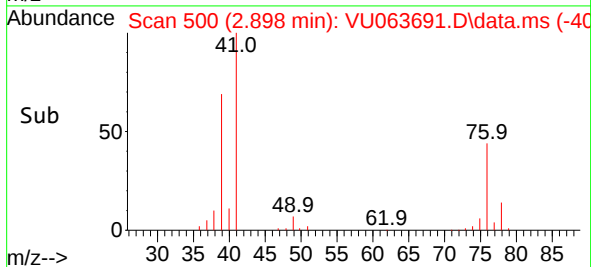
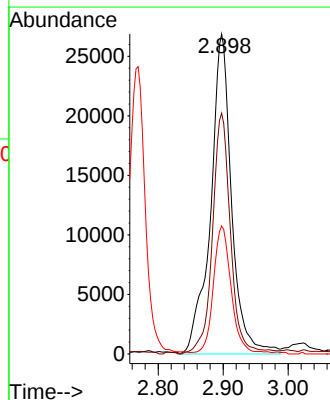
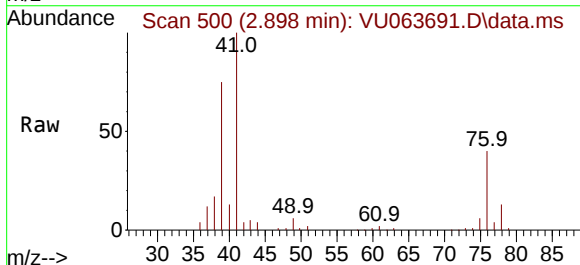
Tgt Ion: 41 Resp: 60738

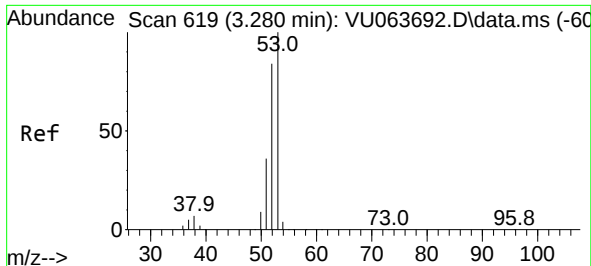
Ion Ratio Lower Upper

41 100

39 64.0 53.1 79.7

76 32.9 26.4 39.6

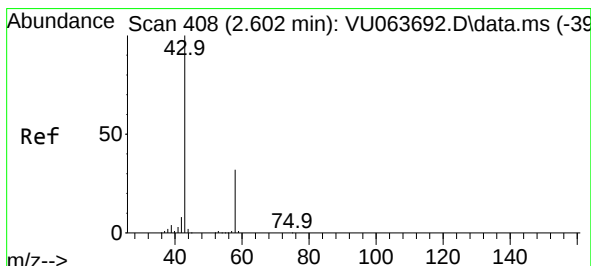
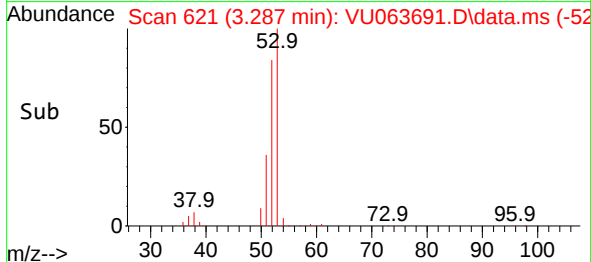
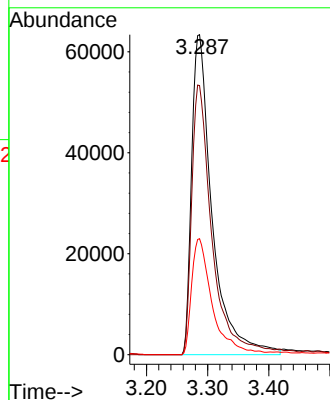
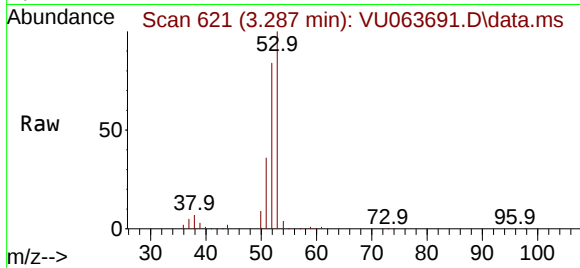




#15
Acrylonitrile
Concen: 99.091 ug/l
RT: 3.287 min Scan# 619
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

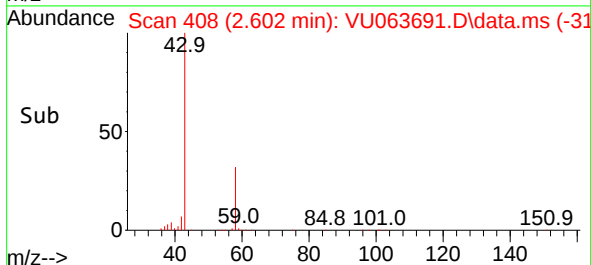
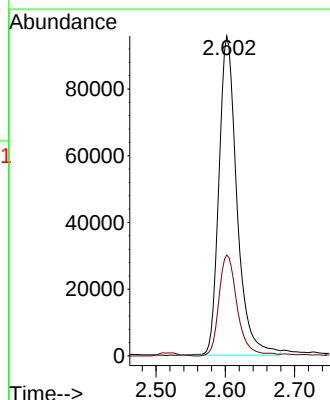
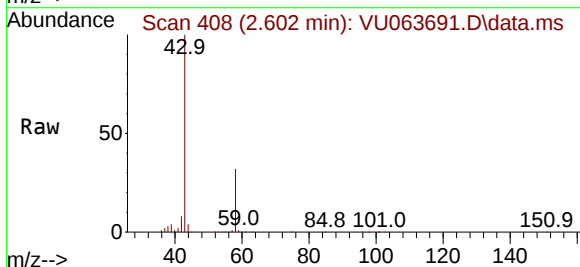
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

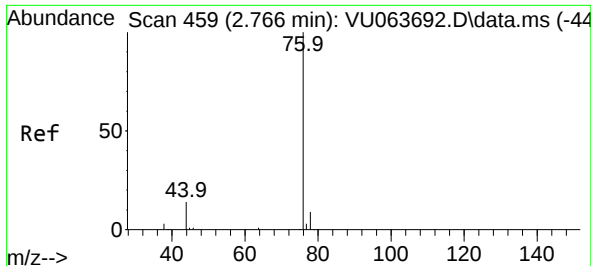
Tgt Ion: 53 Resp: 148051
Ion Ratio Lower Upper
53 100
52 82.8 67.5 101.3
51 36.6 29.0 43.6



#16
Acetone
Concen: 98.084 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 43 Resp: 173297
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.2

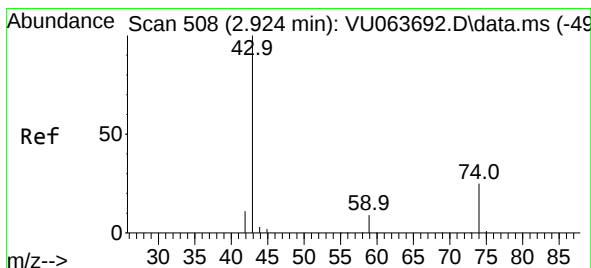
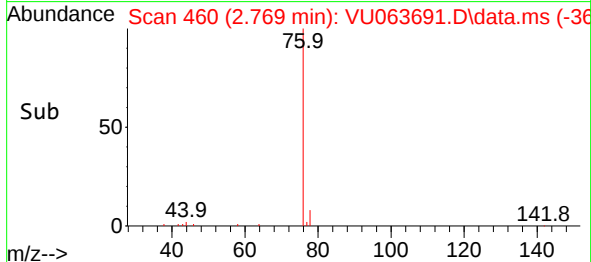
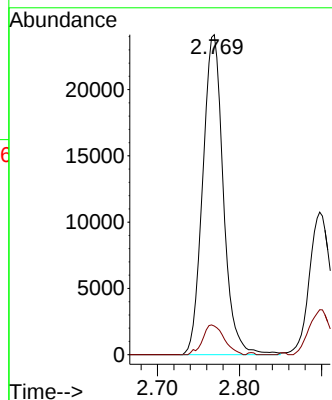
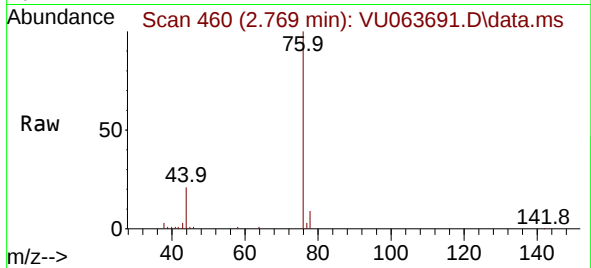




#17
Carbon Disulfide
Concen: 20.019 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

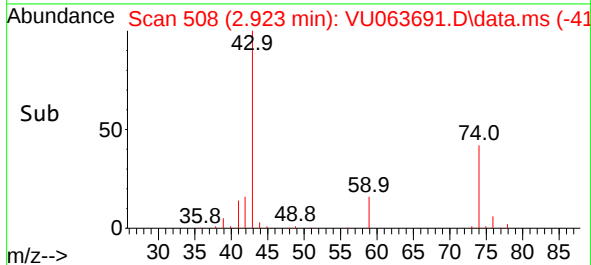
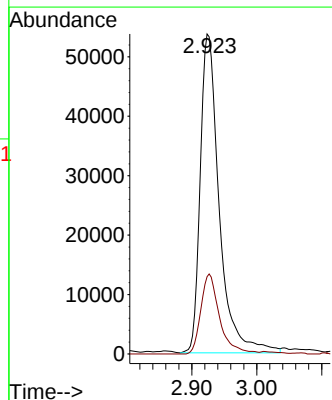
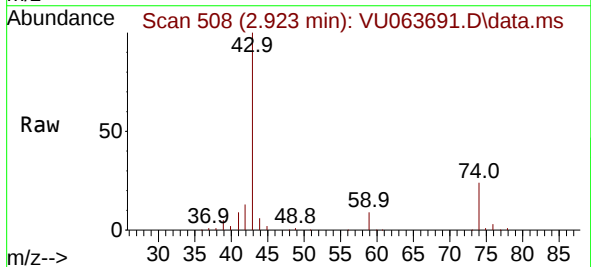
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

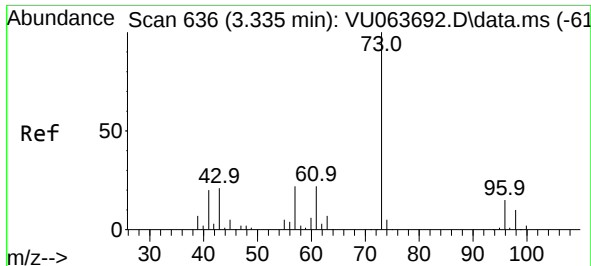
Tgt Ion: 76 Resp: 42124
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 20.845 ug/l
RT: 2.923 min Scan# 508
Delta R.T. -0.001 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 43 Resp: 109276
Ion Ratio Lower Upper
43 100
74 24.8 20.6 31.0

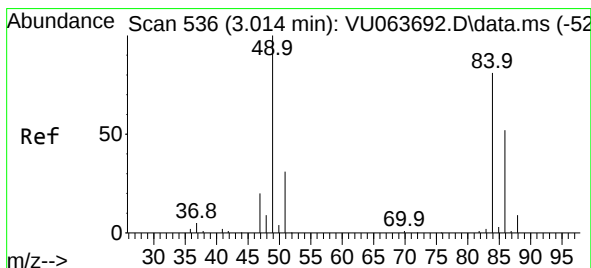
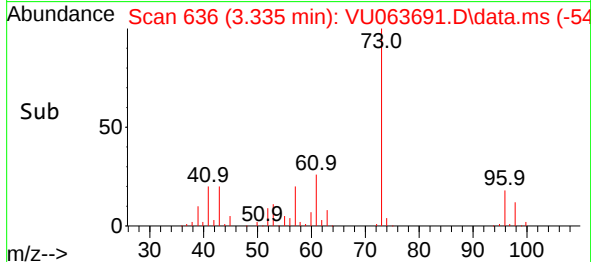
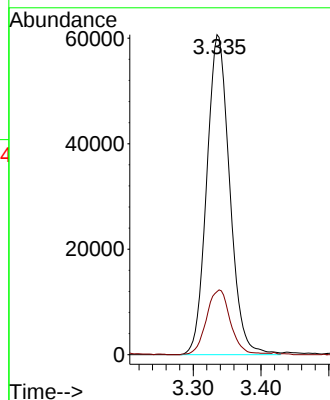
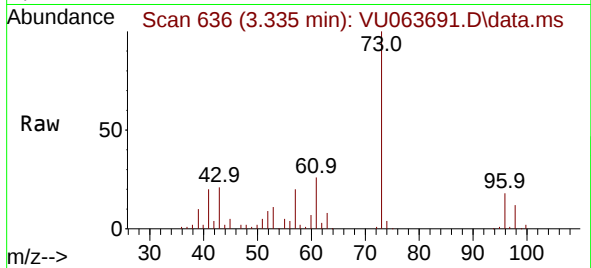




#19
Methyl tert-butyl Ether
Concen: 19.193 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

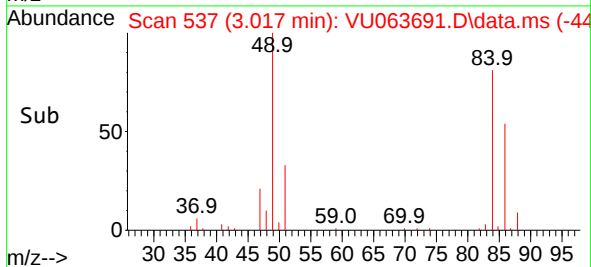
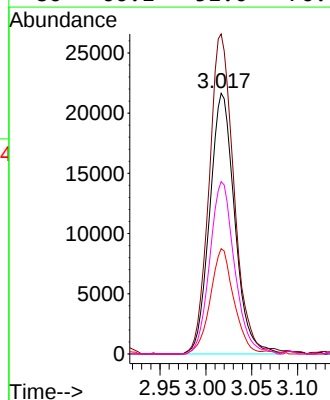
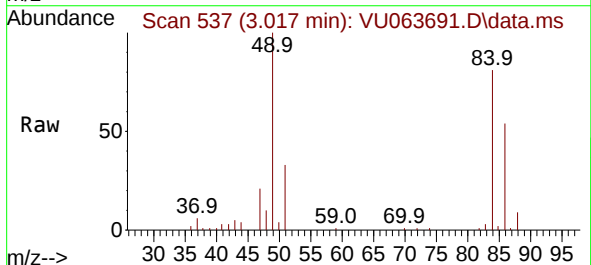
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

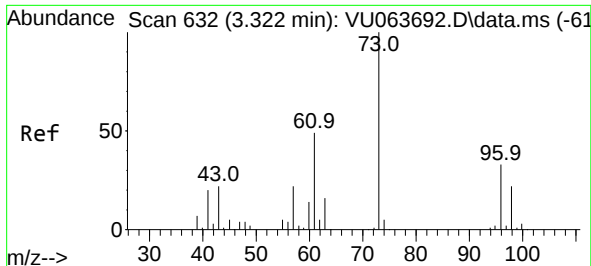
Tgt Ion: 73 Resp: 142536
Ion Ratio Lower Upper
73 100
57 19.7 17.4 26.2



#20
Methylene Chloride
Concen: 20.050 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 84 Resp: 41104
Ion Ratio Lower Upper
84 100
49 122.8 98.4 147.6
51 40.4 30.1 45.1
86 66.1 51.0 76.6

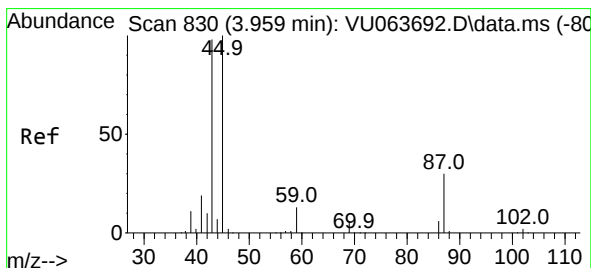
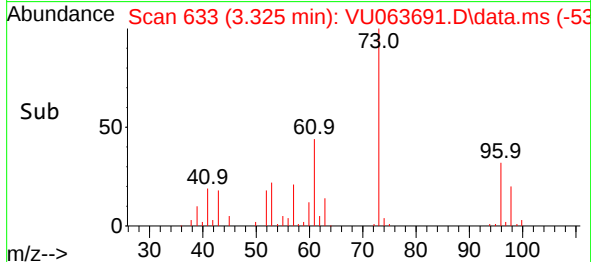
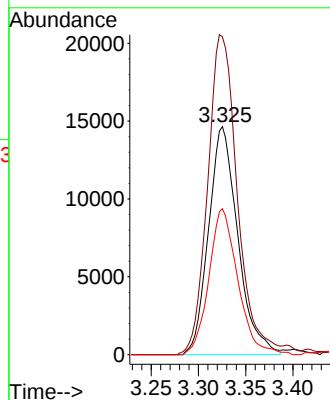
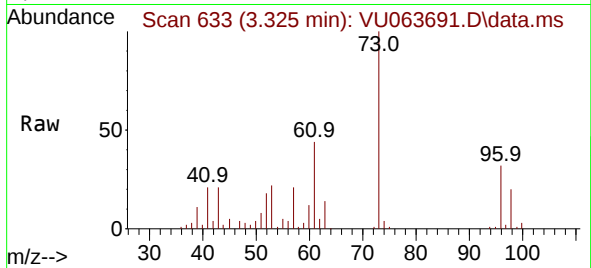




#21
trans-1,2-Dichloroethene
Concen: 18.680 ug/l
RT: 3.325 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

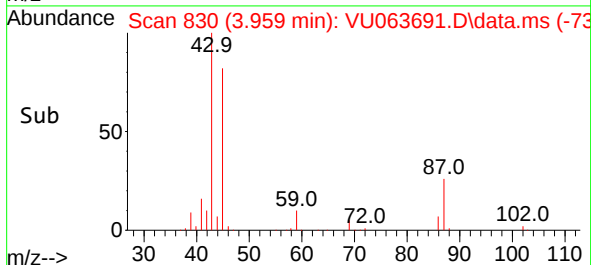
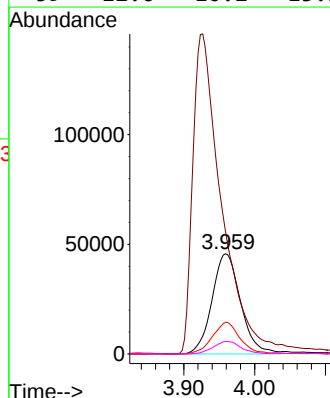
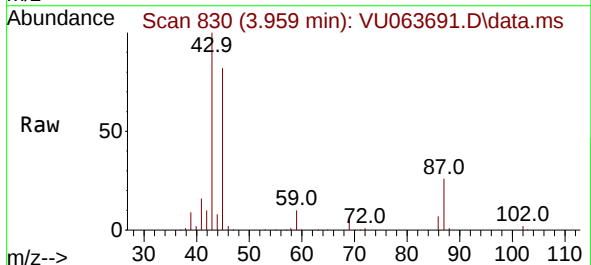
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

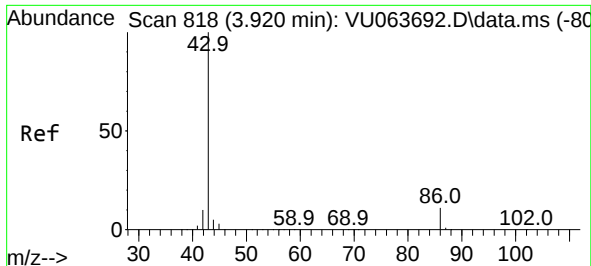
Tgt Ion: 96 Resp: 31565
Ion Ratio Lower Upper
96 100
61 138.6 117.5 176.3
98 64.0 52.7 79.1



#22
Diisopropyl ether
Concen: 18.965 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 45 Resp: 128219
Ion Ratio Lower Upper
45 100
43 121.6 78.1 117.1#
87 31.6 23.8 35.8
59 12.6 10.2 15.2

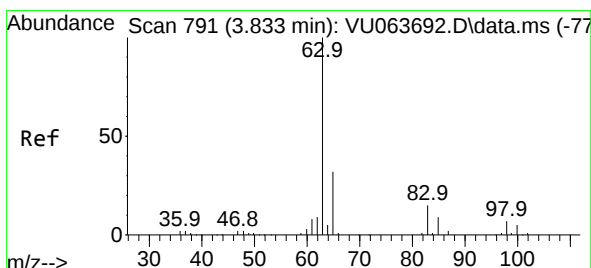
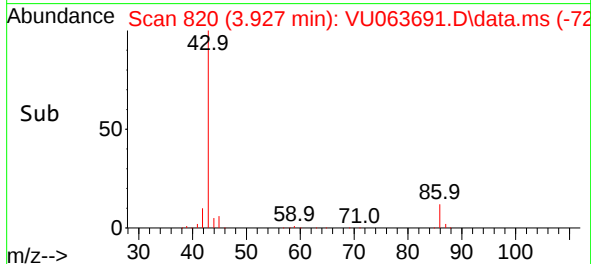
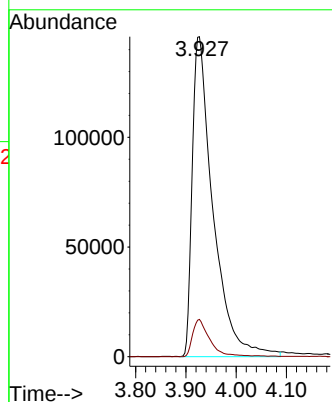
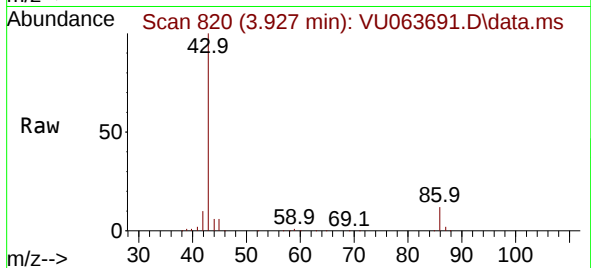




#23
 Vinyl Acetate
 Concen: 90.927 ug/l
 RT: 3.927 min Scan# 818
 Delta R.T. 0.006 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

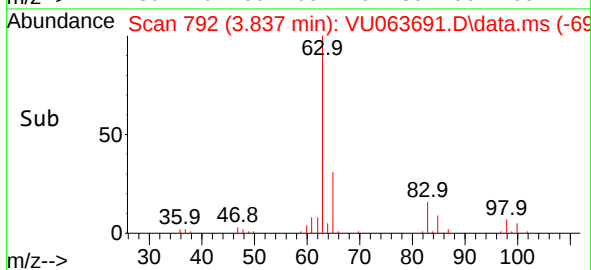
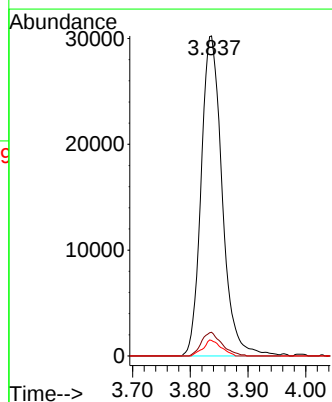
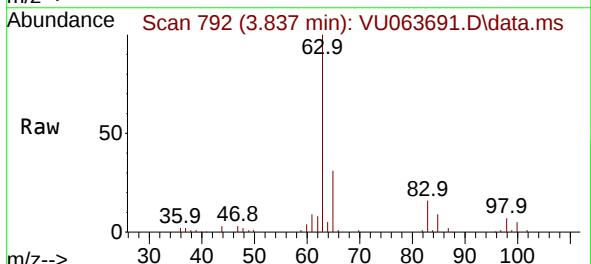
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

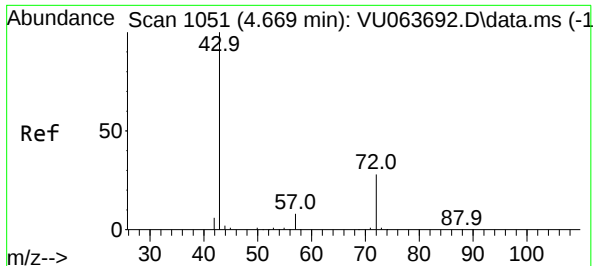
Tgt Ion: 43 Resp: 419236
 Ion Ratio Lower Upper
 43 100
 86 11.6 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.613 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

Tgt Ion: 63 Resp: 76474
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.7 11.1
 100 4.8 2.5 7.5





#25

2-Butanone

Concen: 90.739 ug/l

RT: 4.673 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

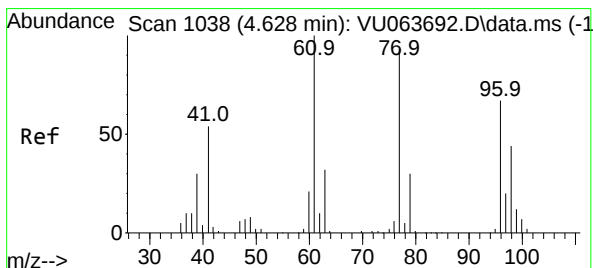
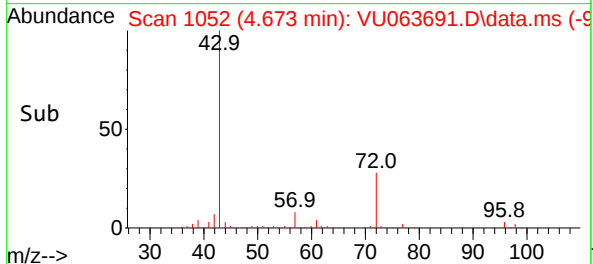
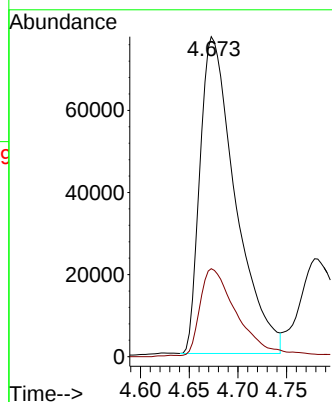
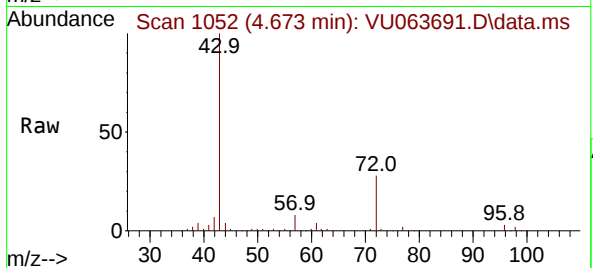
VSTDICC020

Tgt Ion: 43 Resp: 195357

Ion Ratio Lower Upper

43 100

72 27.2 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.876 ug/l

RT: 4.628 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063691.D

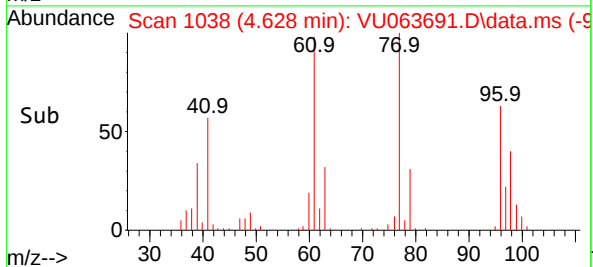
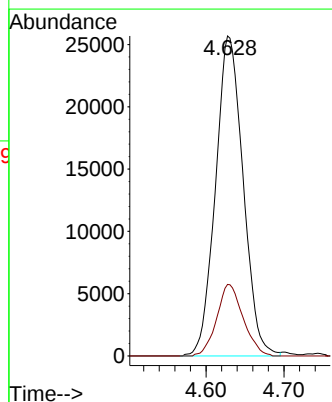
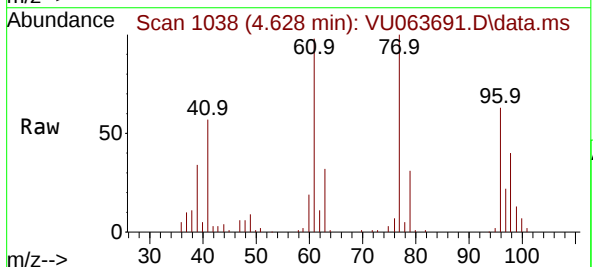
Acq: 10 Nov 2025 12:02

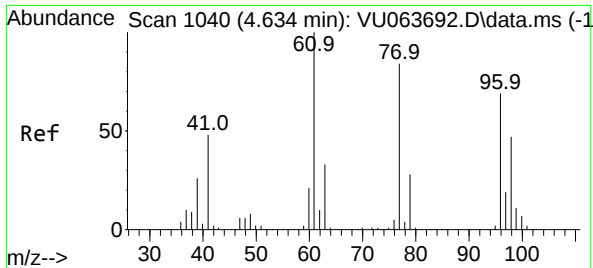
Tgt Ion: 77 Resp: 63215

Ion Ratio Lower Upper

77 100

97 21.4 10.9 32.9

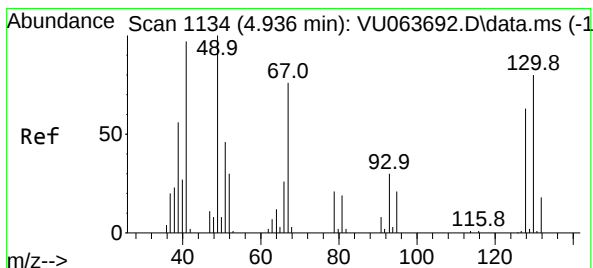
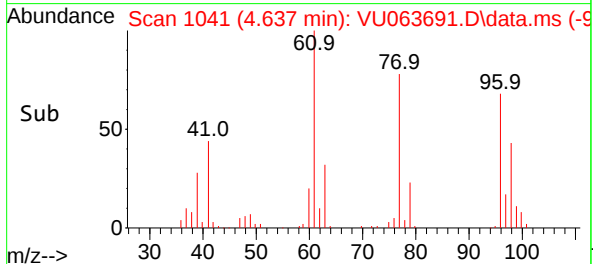
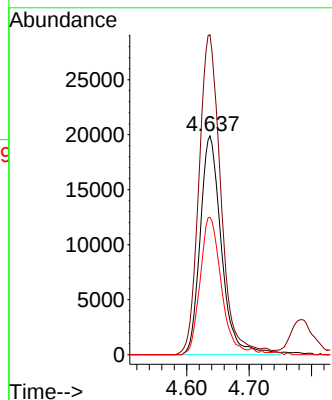
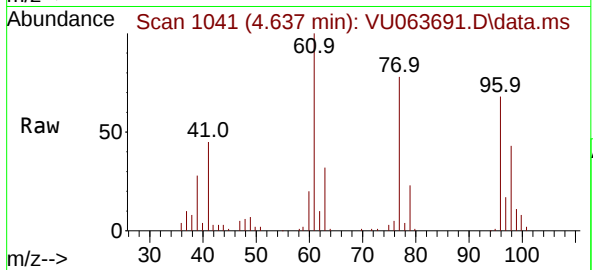




#27
 cis-1,2-Dichloroethene
 Concen: 19.009 ug/l
 RT: 4.637 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

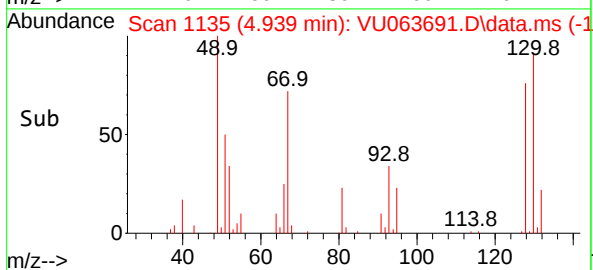
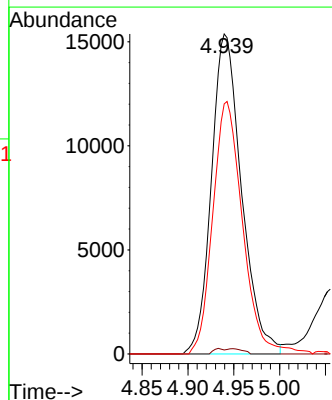
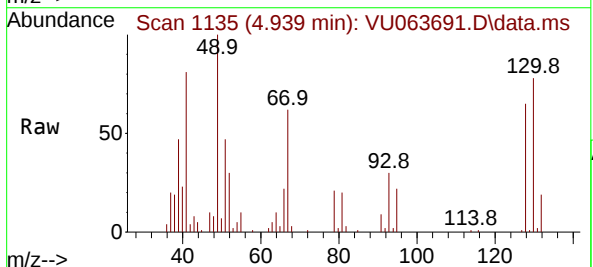
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

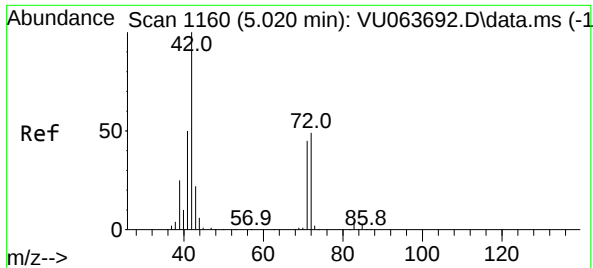
Tgt Ion: 96 Resp: 46929
 Ion Ratio Lower Upper
 96 100
 61 149.9 0.0 295.4
 98 62.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 22.515 ug/l
 RT: 4.939 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

Tgt Ion: 49 Resp: 35128
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 3.6
 130 78.0 65.1 97.7





#29

Tetrahydrofuran

Concen: 95.433 ug/l

RT: 5.020 min Scan# 1160

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

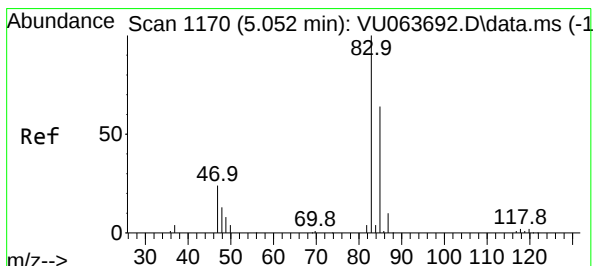
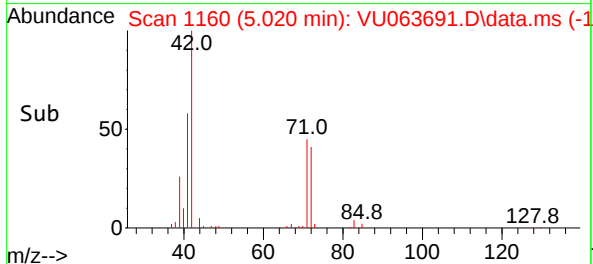
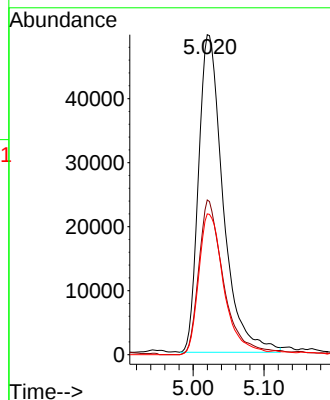
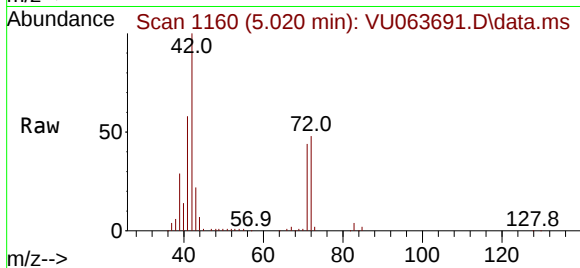
Tgt Ion: 42 Resp: 119555

Ion Ratio Lower Upper

42 100

72 49.7 40.0 60.0

71 45.5 37.4 56.0



#30

Chloroform

Concen: 19.421 ug/l

RT: 5.058 min Scan# 1172

Delta R.T. 0.006 min

Lab File: VU063691.D

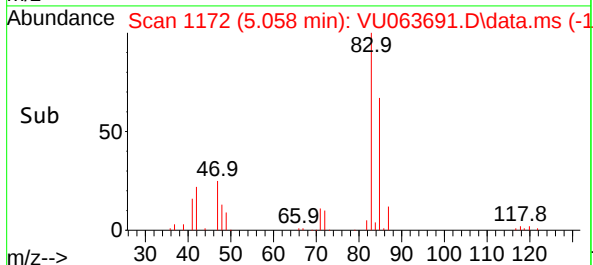
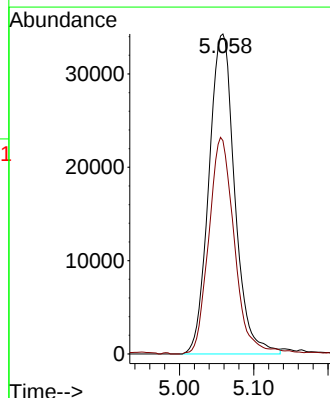
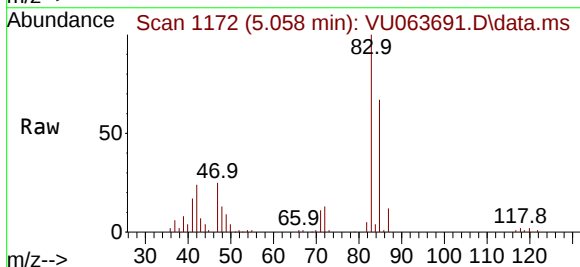
Acq: 10 Nov 2025 12:02

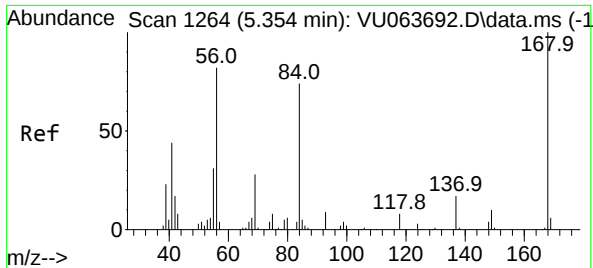
Tgt Ion: 83 Resp: 82964

Ion Ratio Lower Upper

83 100

85 66.7 51.0 76.6

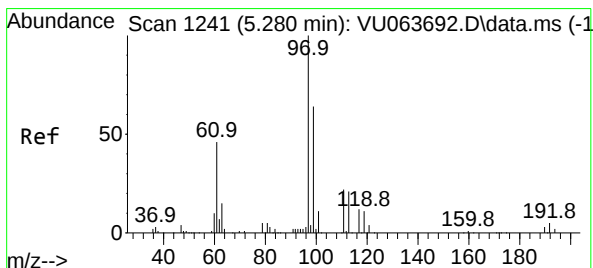
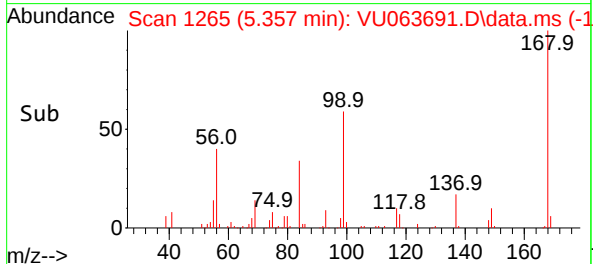
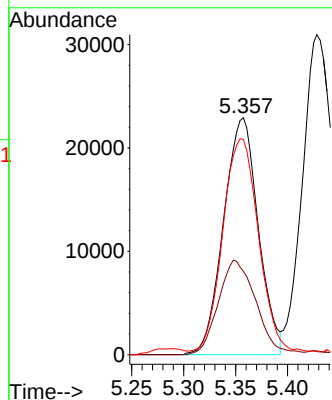
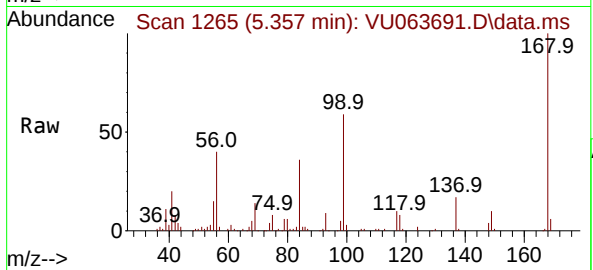




#31
Cyclohexane
Concen: 20.387 ug/l
RT: 5.357 min Scan# 1264
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

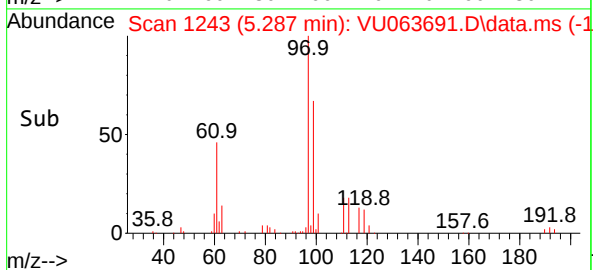
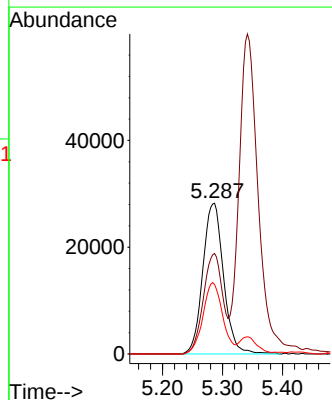
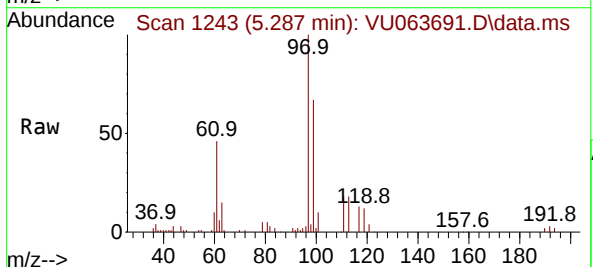
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

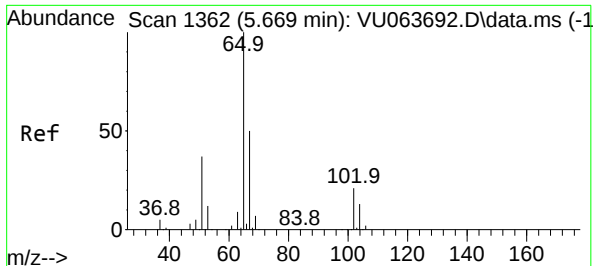
Tgt Ion: 56 Resp: 53290
Ion Ratio Lower Upper
56 100
69 35.1 27.0 40.6
84 88.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.401 ug/l
RT: 5.287 min Scan# 1243
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 97 Resp: 68010
Ion Ratio Lower Upper
97 100
99 61.6 49.8 74.8
61 45.1 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 20.685 ug/l

RT: 5.673 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

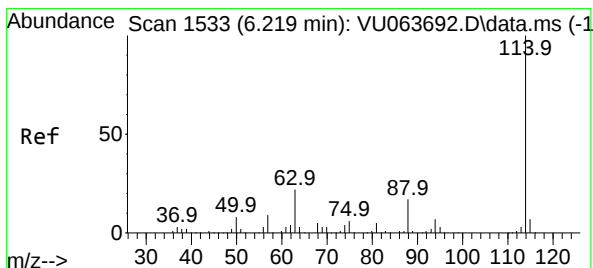
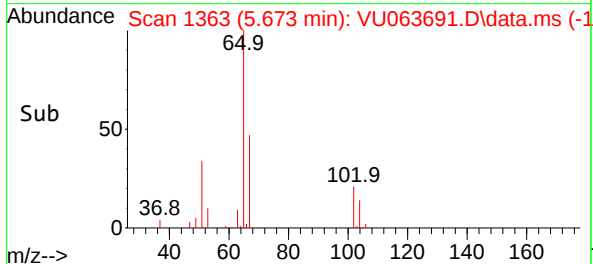
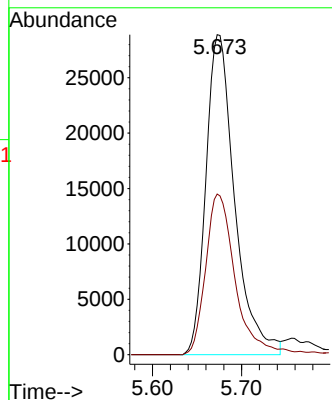
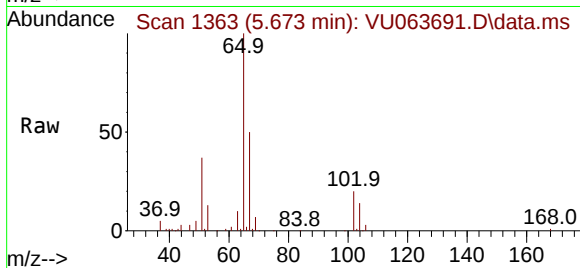
VSTDIC020

Tgt Ion: 65 Resp: 64680

Ion Ratio Lower Upper

65 100

67 51.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.222 min Scan# 1534

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

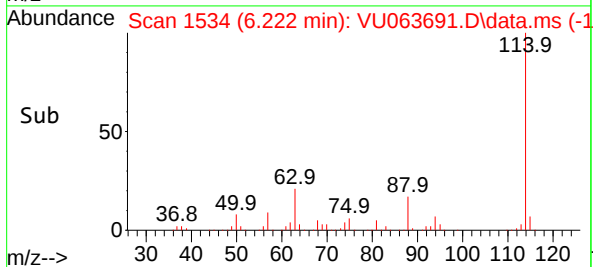
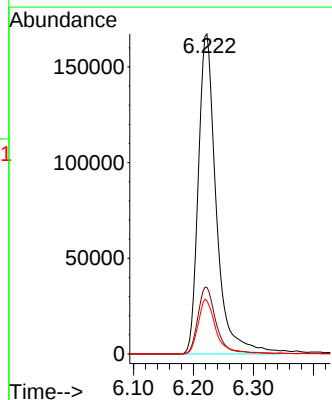
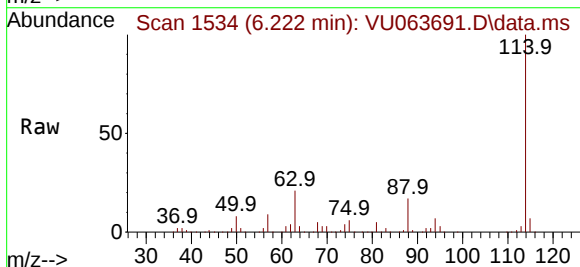
Tgt Ion: 114 Resp: 349613

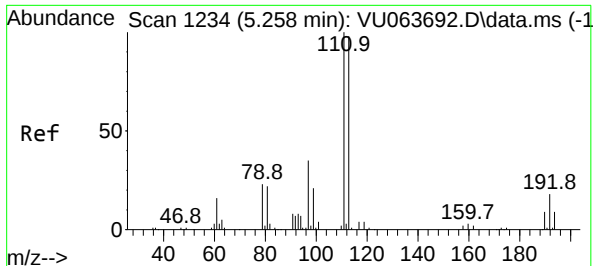
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.6 0.0 33.6

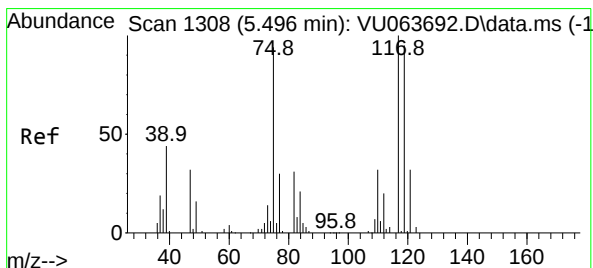
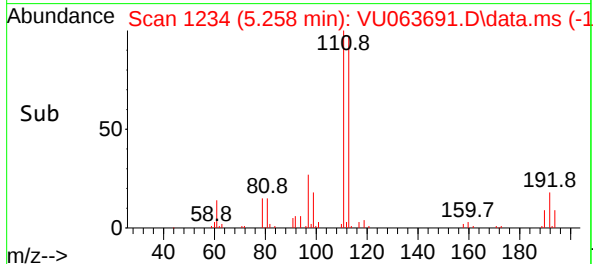
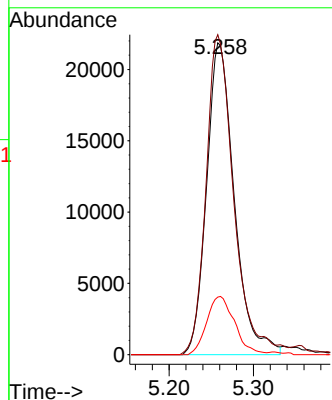
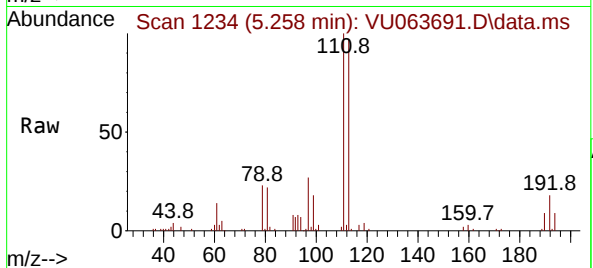




#35
Dibromofluoromethane
Concen: 20.374 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

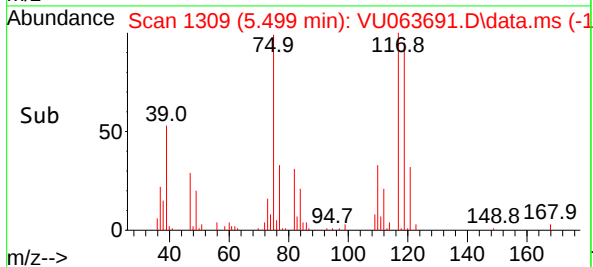
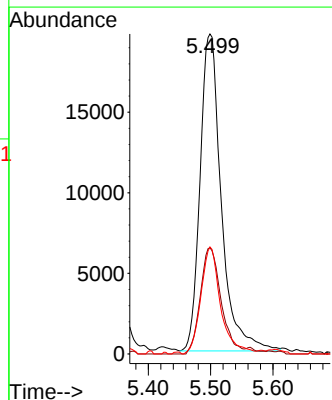
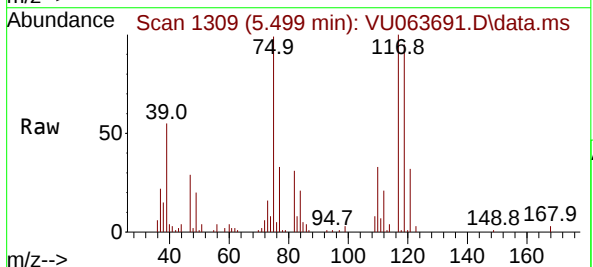
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

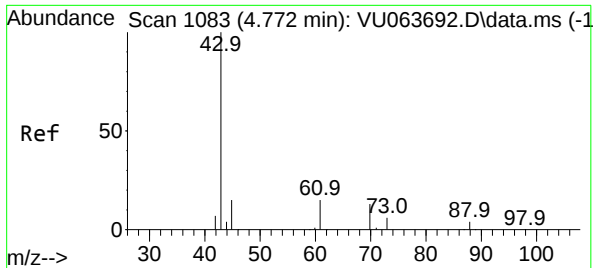
Tgt Ion:113 Resp: 49889
Ion Ratio Lower Upper
113 100
111 102.9 82.4 123.6
192 18.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.693 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 75 Resp: 46588
Ion Ratio Lower Upper
75 100
110 32.7 17.3 51.7
77 31.5 24.4 36.6

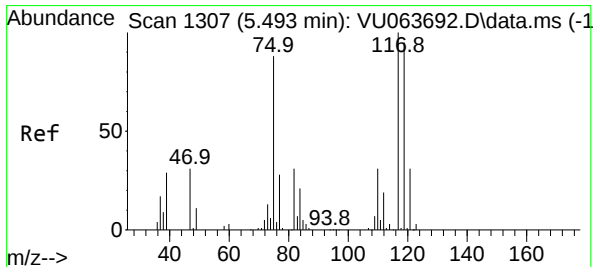
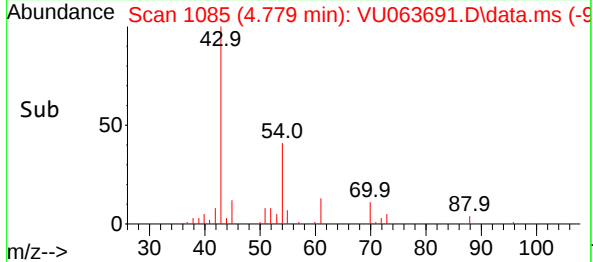
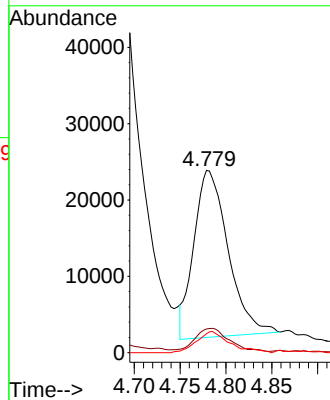
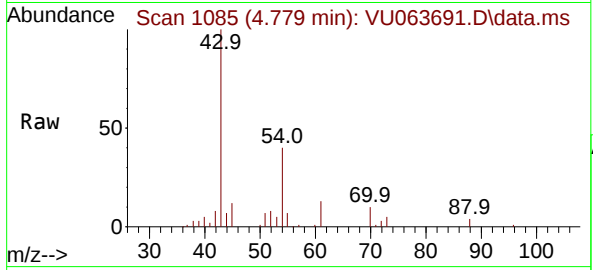




#37
Ethyl Acetate
Concen: 16.073 ug/l
RT: 4.779 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

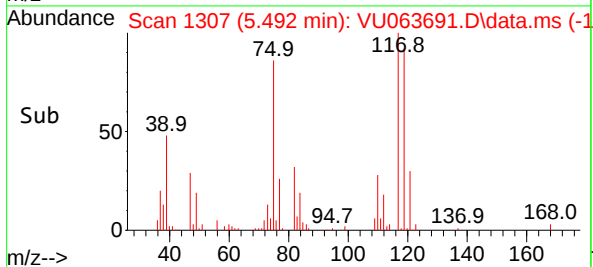
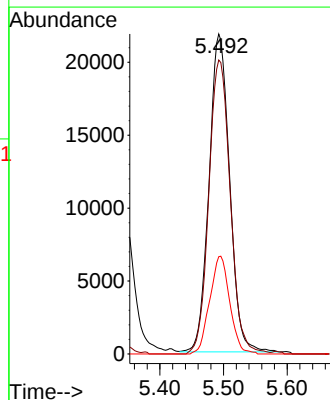
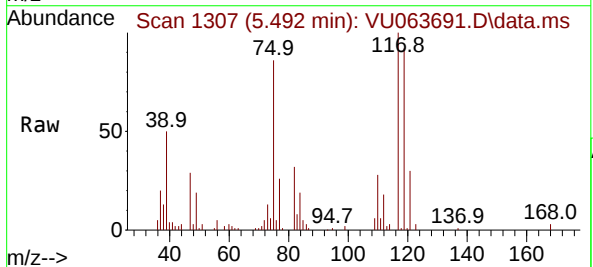
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

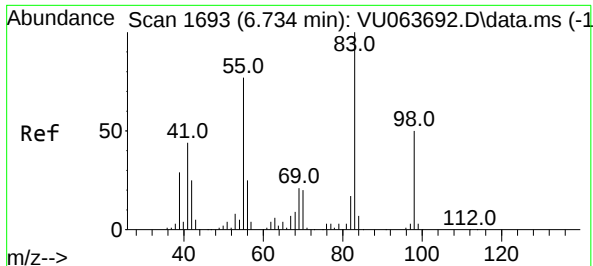
Tgt Ion:	43	Resp:	56952
Ion	Ratio	Lower	Upper
43	100		
61	11.2	10.3	15.5
70	11.0	8.9	13.3



#38
Carbon Tetrachloride
Concen: 18.199 ug/l
RT: 5.492 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:	117	Resp:	49022
Ion	Ratio	Lower	Upper
117	100		
119	92.4	76.1	114.1
121	30.6	24.6	37.0





#39

Methylcyclohexane

Concen: 19.094 ug/l

RT: 6.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

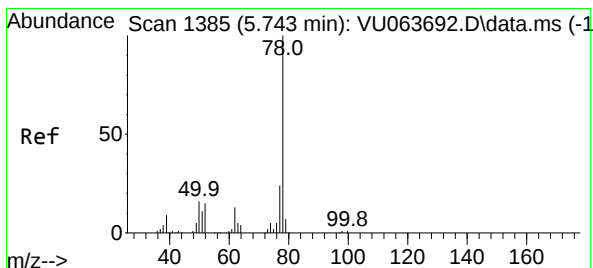
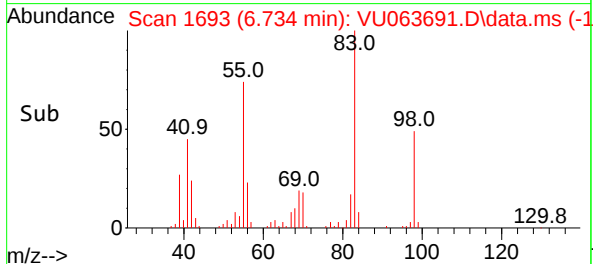
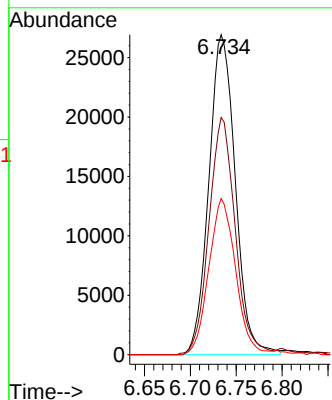
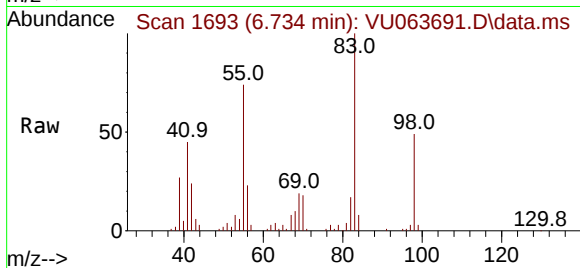
Tgt Ion: 83 Resp: 54028

Ion Ratio Lower Upper

83 100

55 73.6 61.6 92.4

98 48.8 40.0 60.0



#40

Benzene

Concen: 19.355 ug/l

RT: 5.746 min Scan# 1386

Delta R.T. 0.003 min

Lab File: VU063691.D

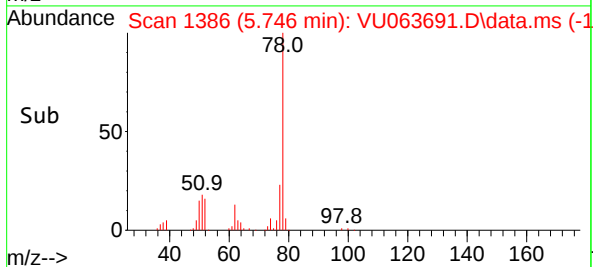
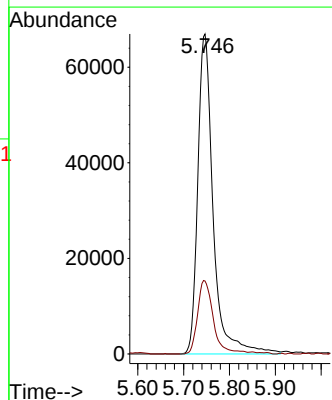
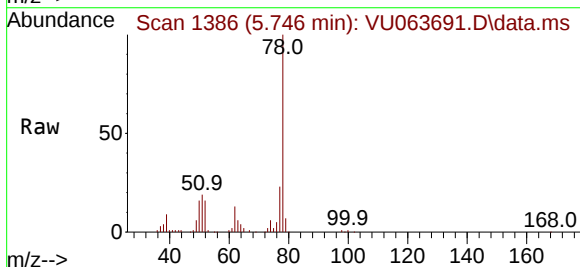
Acq: 10 Nov 2025 12:02

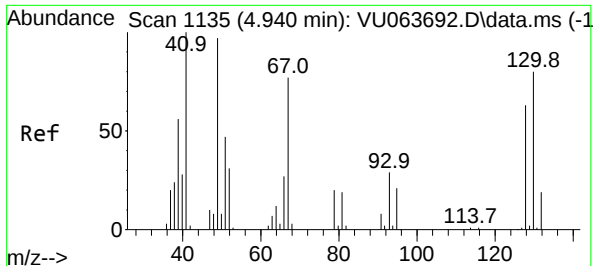
Tgt Ion: 78 Resp: 155667

Ion Ratio Lower Upper

78 100

77 22.8 18.9 28.3



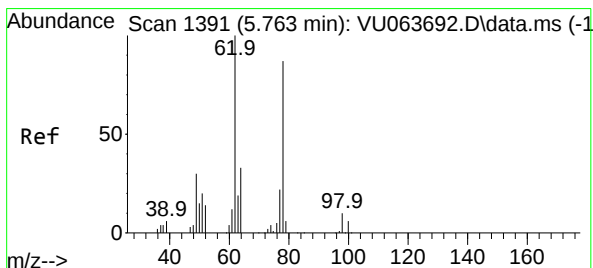
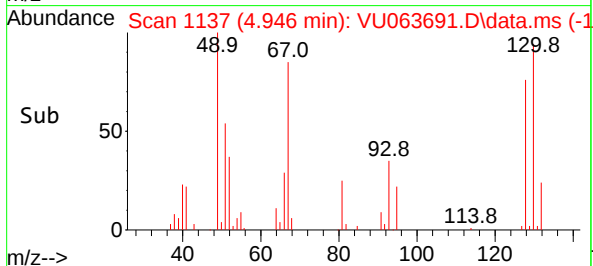
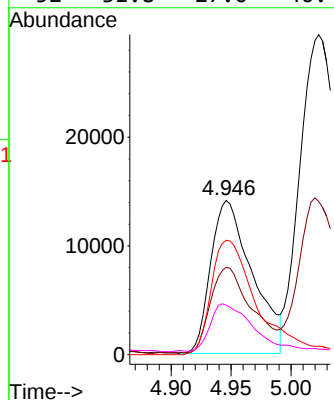
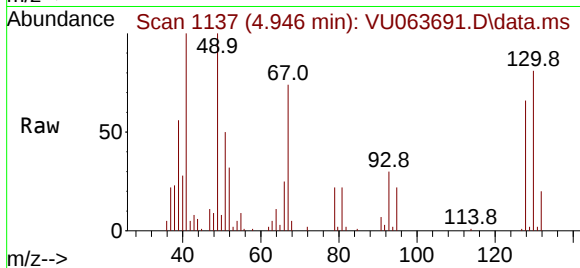


#41
Methacrylonitrile
Concen: 18.479 ug/l
RT: 4.946 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion: 41 Resp: 33893

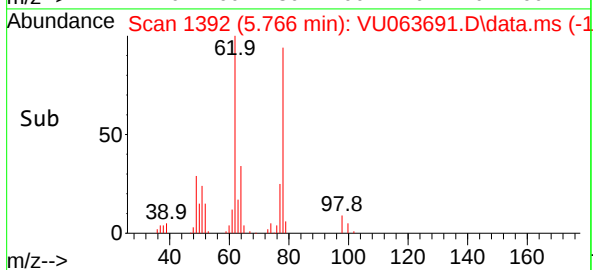
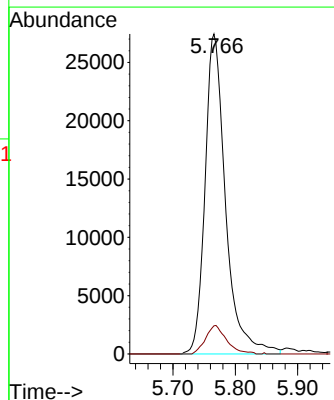
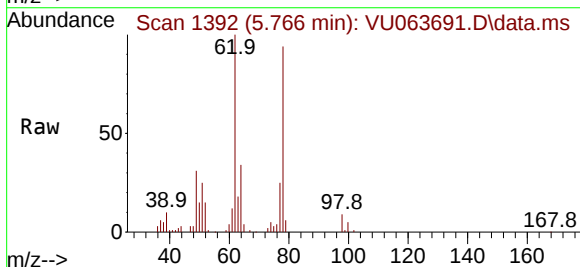
Ion	Ratio	Lower	Upper
41	100		
39	55.2	44.7	67.1
67	84.2	67.4	101.2
52	31.8	27.0	40.4

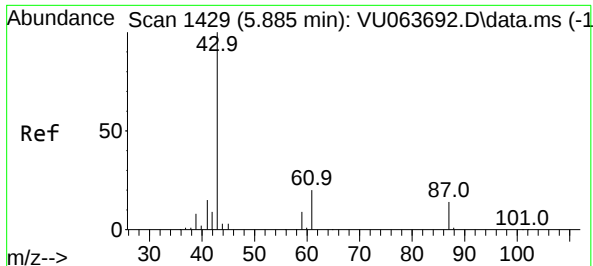


#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 62 Resp: 62875

Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2

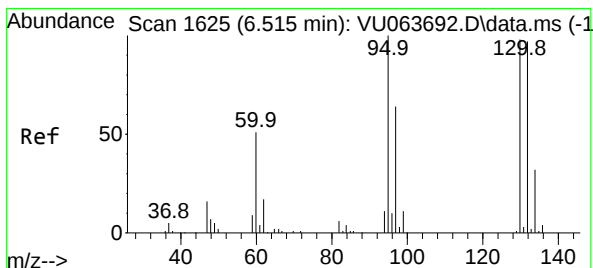
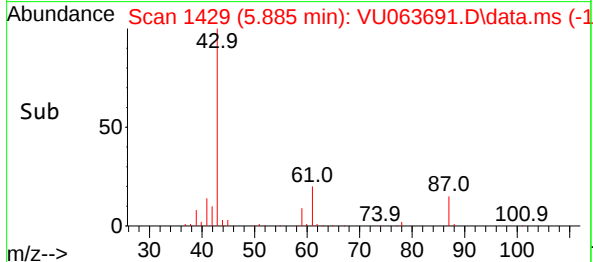
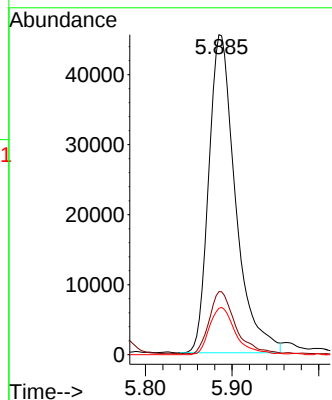
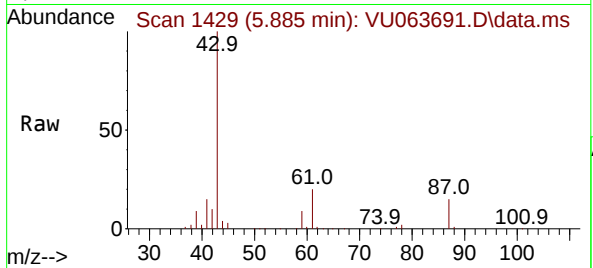




#43
Isopropyl Acetate
Concen: 18.844 ug/l
RT: 5.885 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

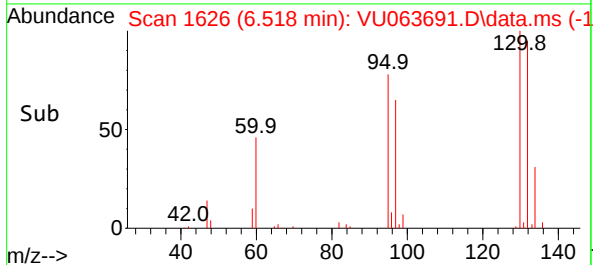
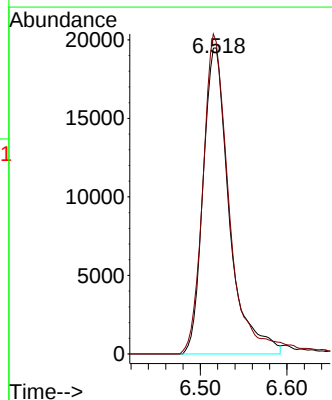
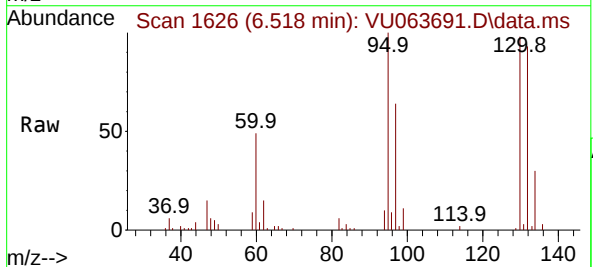
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

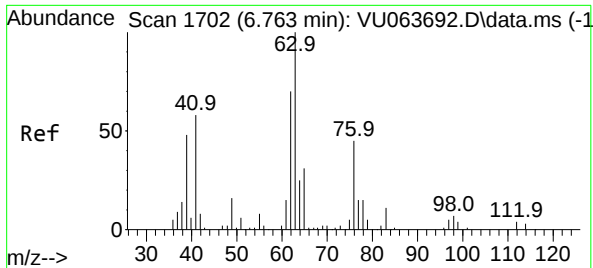
Tgt Ion:	43	Resp:	97471
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.9	23.9
87	14.6	11.0	16.6



#44
Trichloroethene
Concen: 18.116 ug/l
RT: 6.518 min Scan# 1626
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:	130	Resp:	40877
Ion	Ratio	Lower	Upper
130	100		
95	102.0	0.0	203.6





#45

1,2-Dichloropropane

Concen: 19.080 ug/l

RT: 6.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

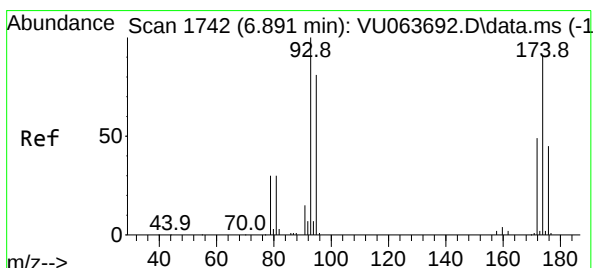
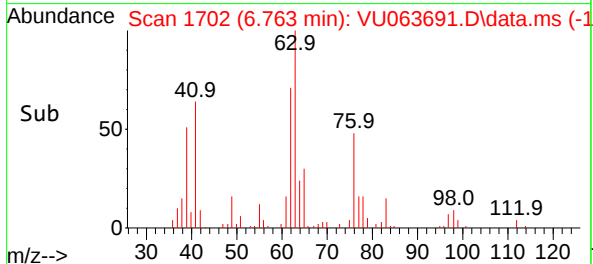
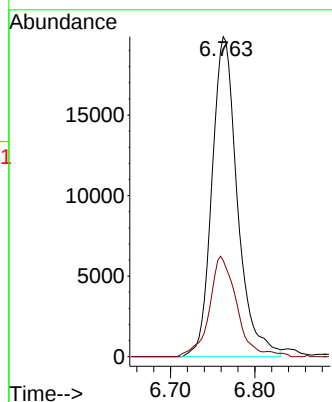
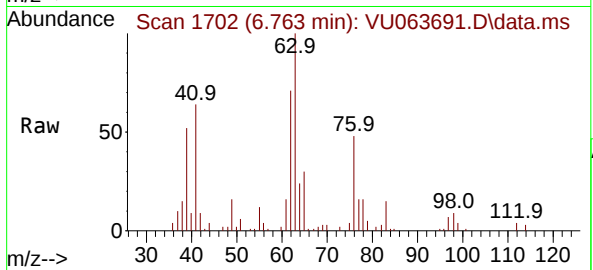
VSTDIC020

Tgt Ion: 63 Resp: 41715

Ion Ratio Lower Upper

63 100

65 29.6 24.9 37.3



#46

Dibromomethane

Concen: 19.006 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

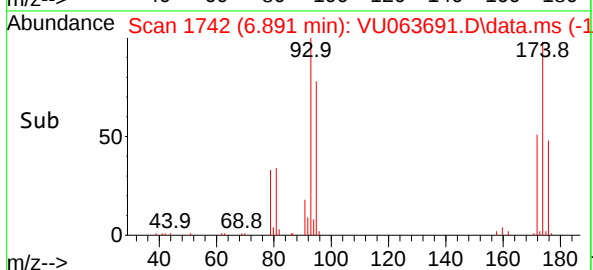
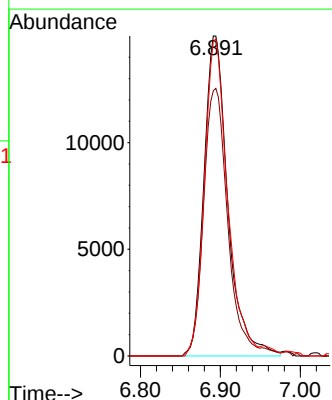
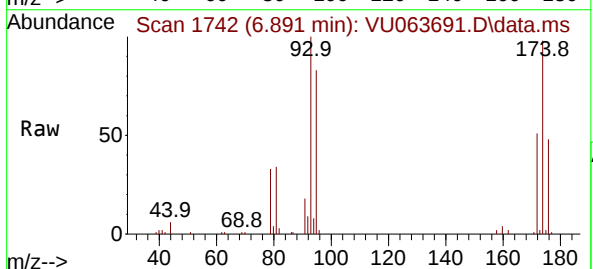
Tgt Ion: 93 Resp: 31201

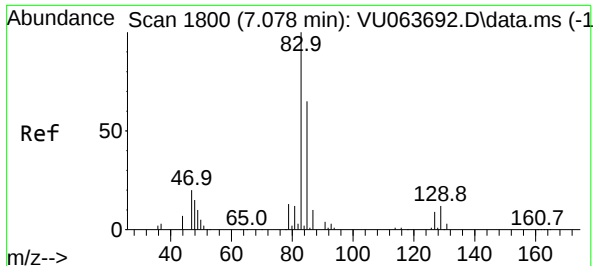
Ion Ratio Lower Upper

93 100

95 84.9 65.9 98.9

174 95.8 74.9 112.3

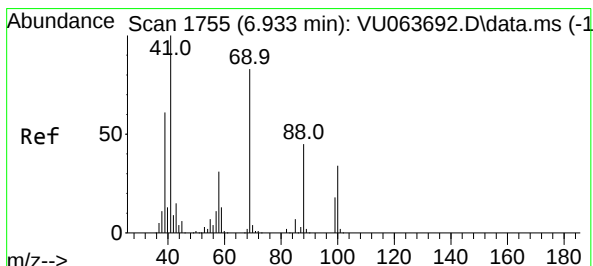
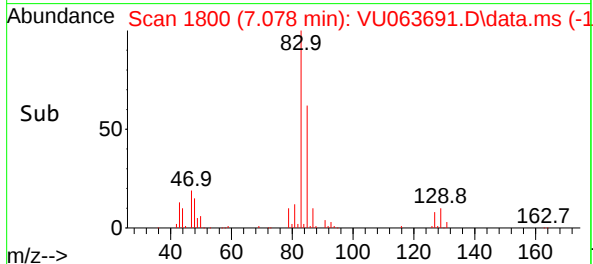
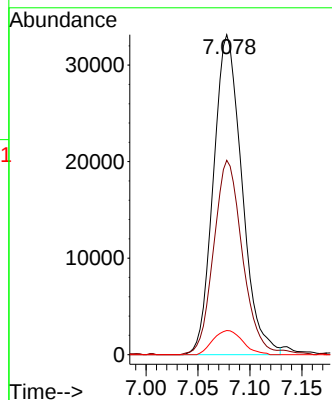
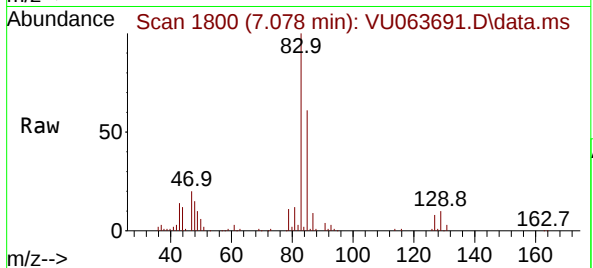




#47
Bromodichloromethane
Concen: 19.025 ug/l
RT: 7.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

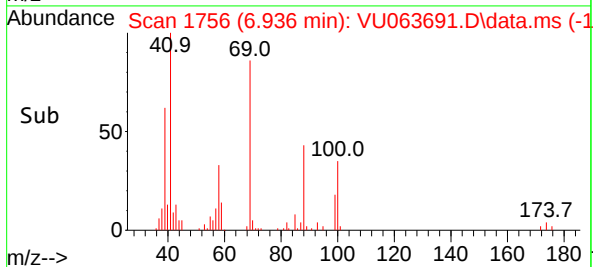
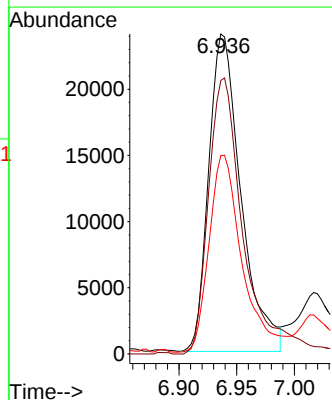
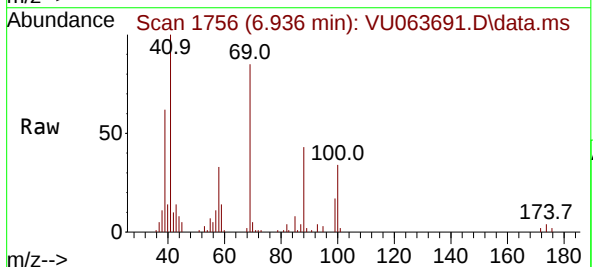
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

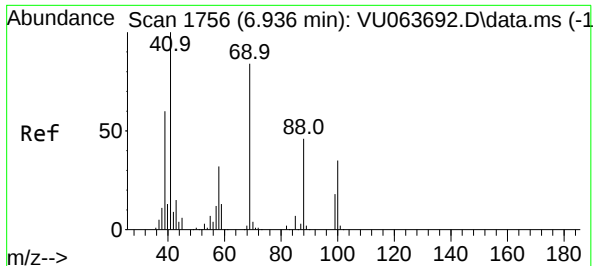
Tgt Ion: 83 Resp: 63319
Ion Ratio Lower Upper
83 100
85 60.7 51.9 77.9
127 7.5 6.9 10.3



#48
Methyl methacrylate
Concen: 18.386 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 41 Resp: 46683
Ion Ratio Lower Upper
41 100
69 94.4 72.9 109.3
39 63.8 51.0 76.4

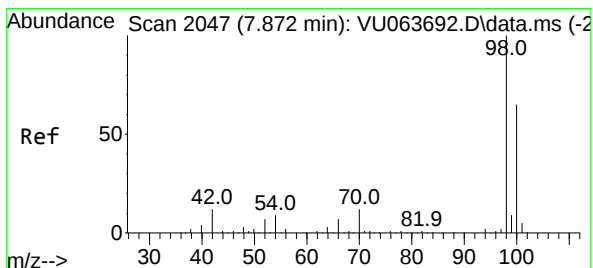
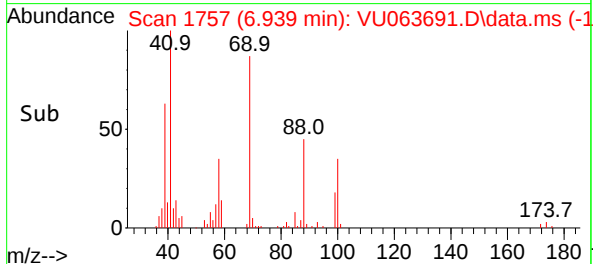
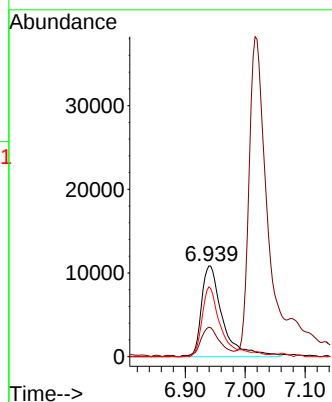
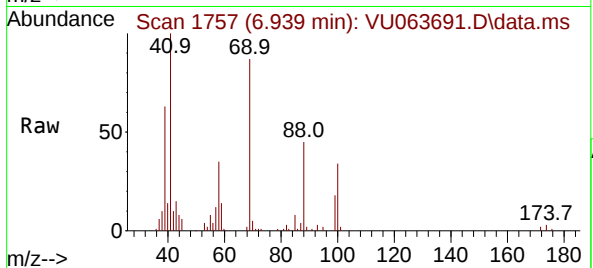




#49
1,4-Dioxane
Concen: 395.381 ug/l
RT: 6.939 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

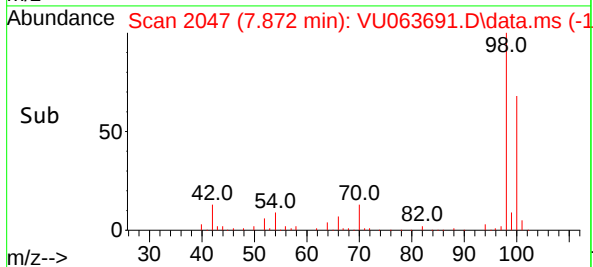
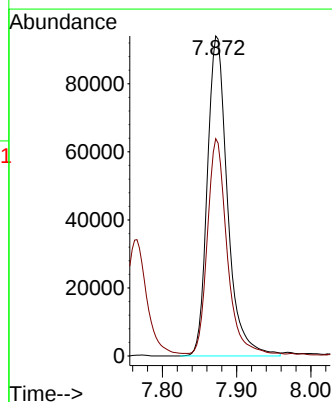
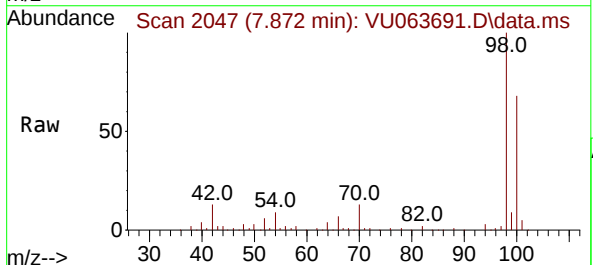
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

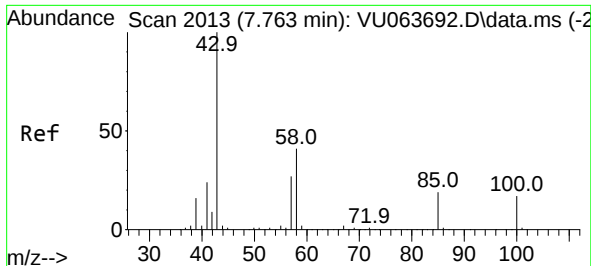
Tgt Ion: 88 Resp: 26596
Ion Ratio Lower Upper
88 100
43 30.0 24.1 36.1
58 67.3 54.2 81.4



#50
Toluene-d8
Concen: 20.182 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 98 Resp: 177545
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 94.780 ug/l

RT: 7.762 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

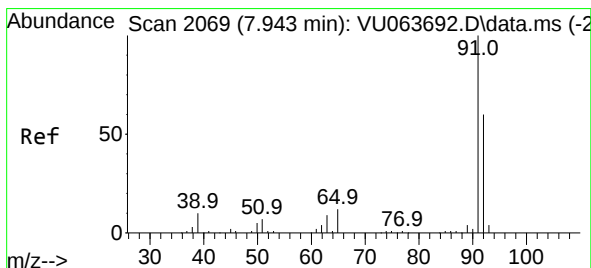
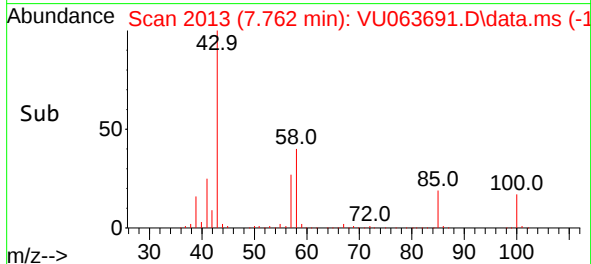
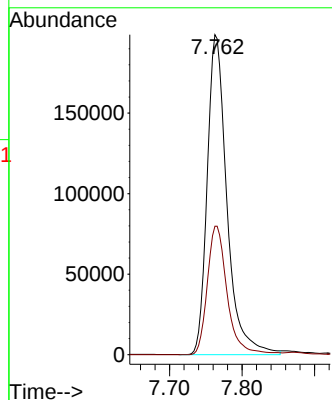
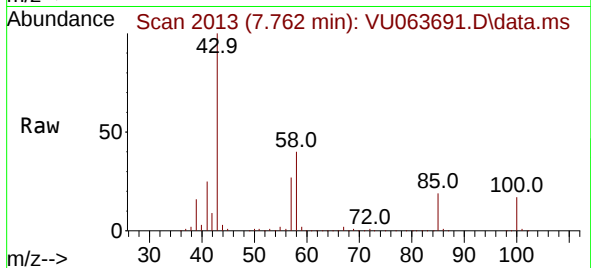
VSTDIC020

Tgt Ion: 43 Resp: 375160

Ion Ratio Lower Upper

43 100

58 40.6 32.3 48.5



#52

Toluene

Concen: 19.195 ug/l

RT: 7.946 min Scan# 2070

Delta R.T. 0.003 min

Lab File: VU063691.D

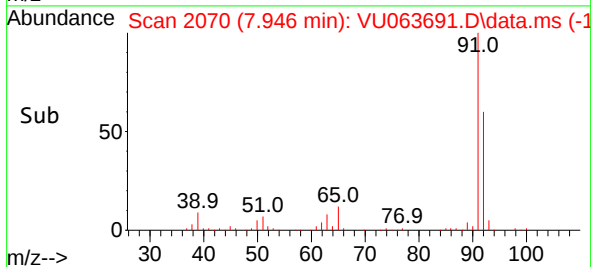
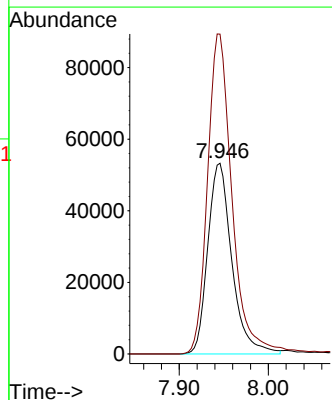
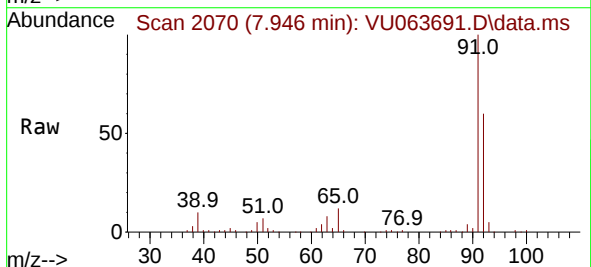
Acq: 10 Nov 2025 12:02

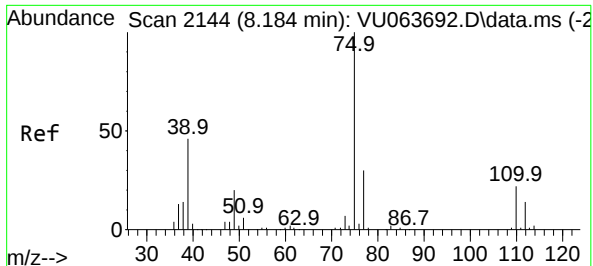
Tgt Ion: 92 Resp: 100188

Ion Ratio Lower Upper

92 100

91 171.6 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 18.070 ug/l

RT: 8.187 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

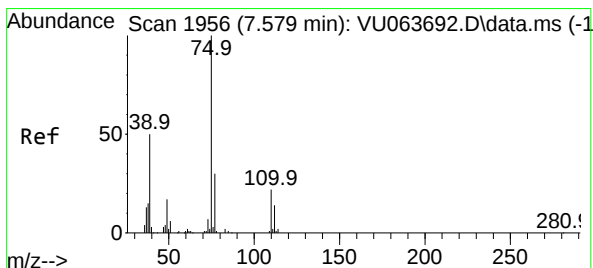
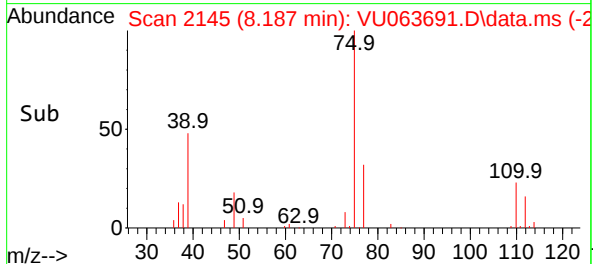
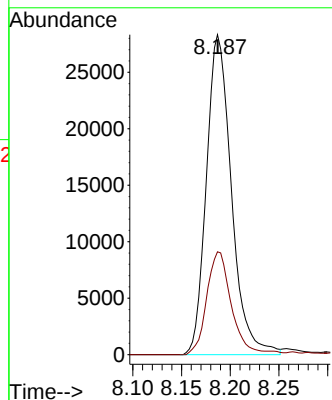
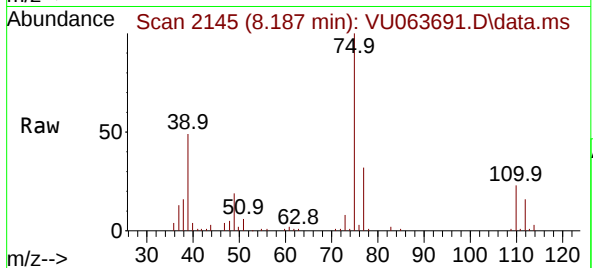
VSTDICC020

Tgt Ion: 75 Resp: 50644

Ion Ratio Lower Upper

75 100

77 32.2 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.804 ug/l

RT: 7.582 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

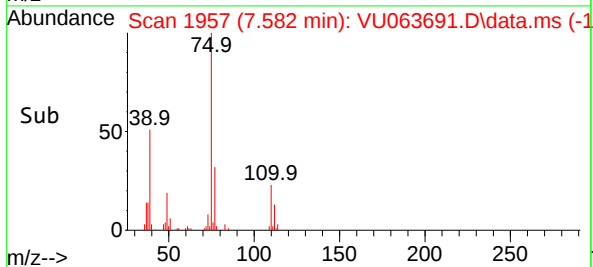
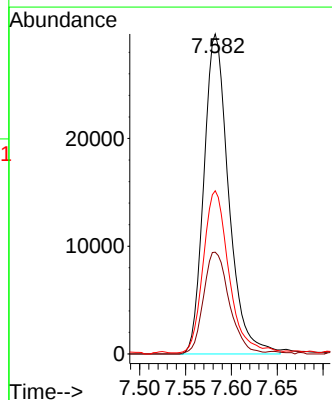
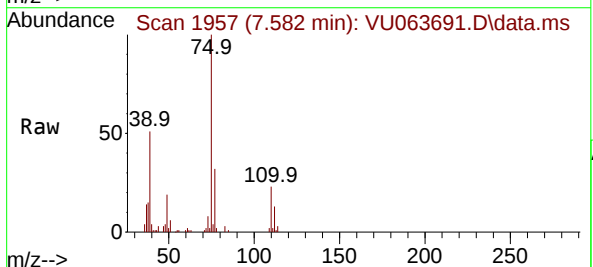
Tgt Ion: 75 Resp: 55926

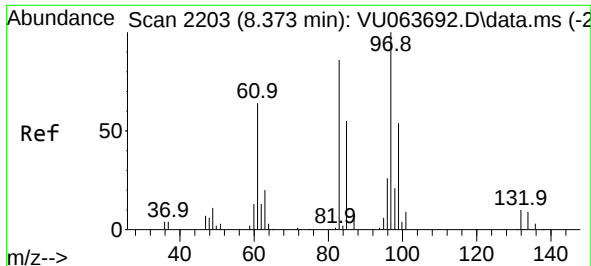
Ion Ratio Lower Upper

75 100

77 31.8 24.3 36.5

39 50.5 40.2 60.2

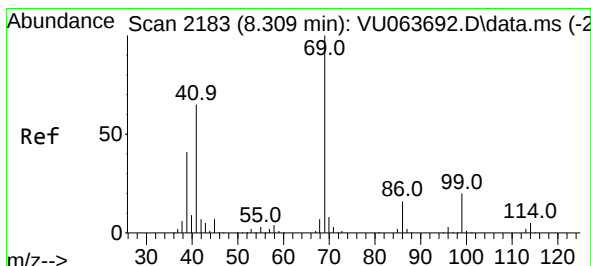
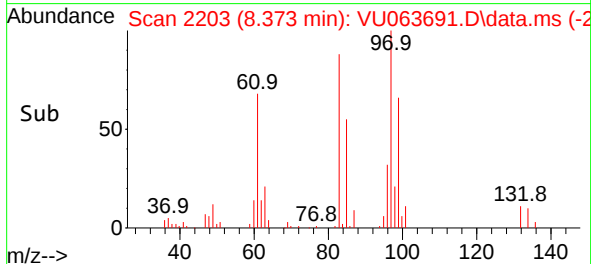
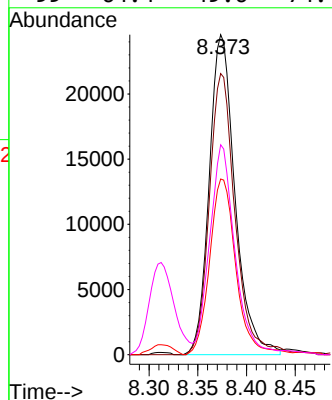
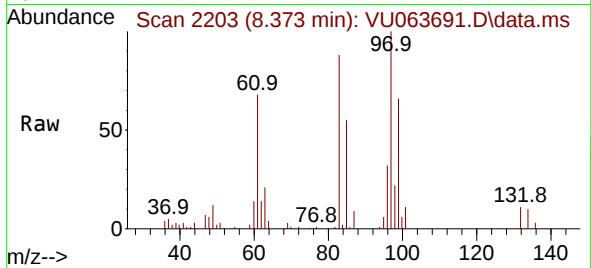




#55
1,1,2-Trichloroethane
Concen: 18.925 ug/l
RT: 8.373 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

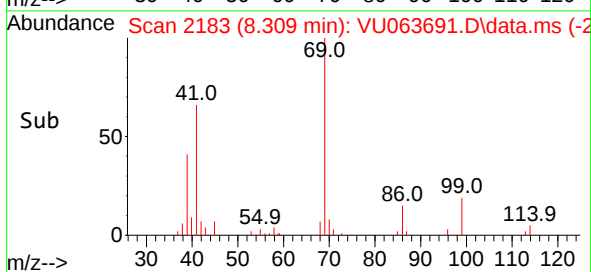
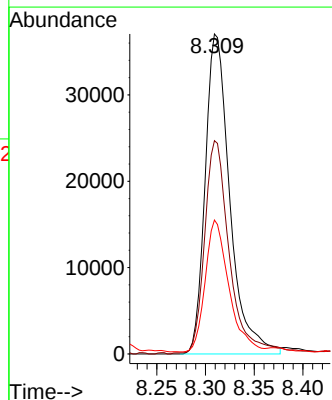
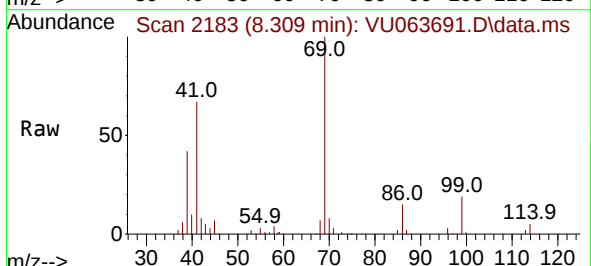
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

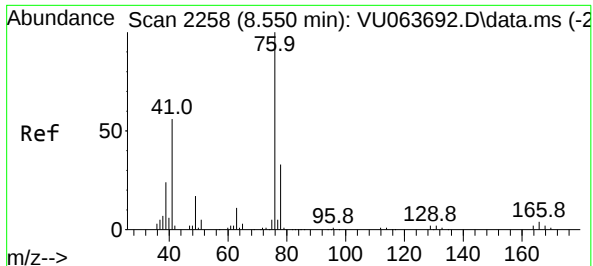
Tgt Ion:	97	Resp:	45330
Ion	Ratio	Lower	Upper
97	100		
83	87.8	69.0	103.4
85	54.4	44.2	66.4
99	64.4	49.6	74.4



#56
Ethyl methacrylate
Concen: 18.420 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:	69	Resp:	65100
Ion	Ratio	Lower	Upper
69	100		
41	68.3	51.4	77.2
39	39.7	32.2	48.4





#57

1,3-Dichloropropane

Concen: 19.042 ug/l

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

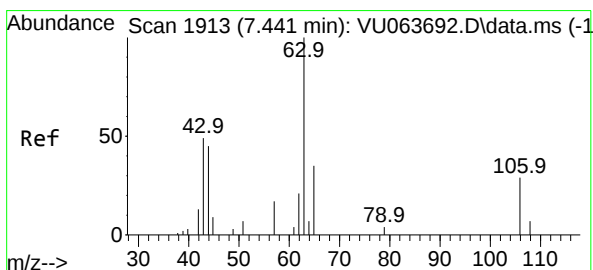
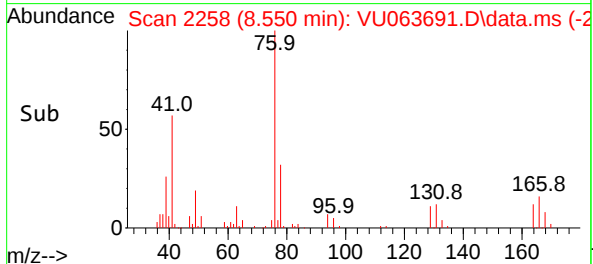
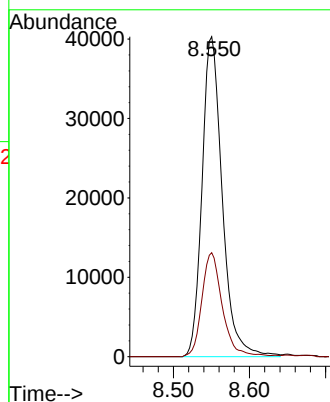
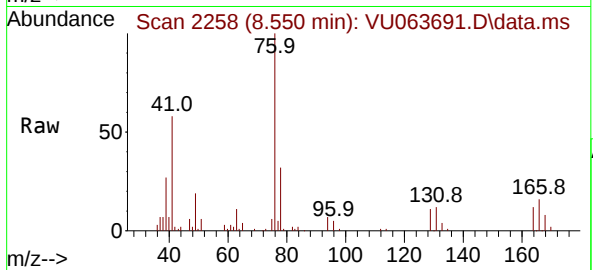
VSTDIC020

Tgt Ion: 76 Resp: 74410

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 61.534 ug/l

RT: 7.451 min Scan# 1916

Delta R.T. 0.010 min

Lab File: VU063691.D

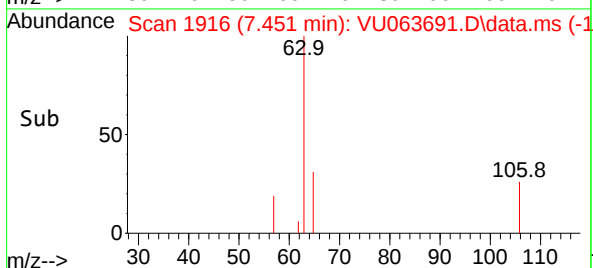
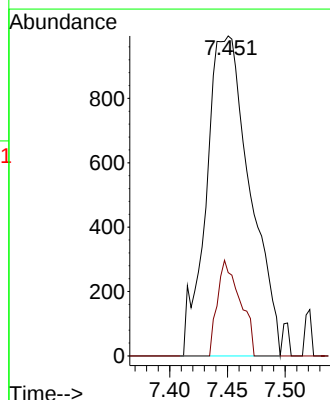
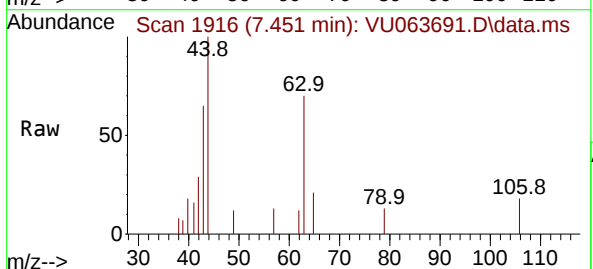
Acq: 10 Nov 2025 12:02

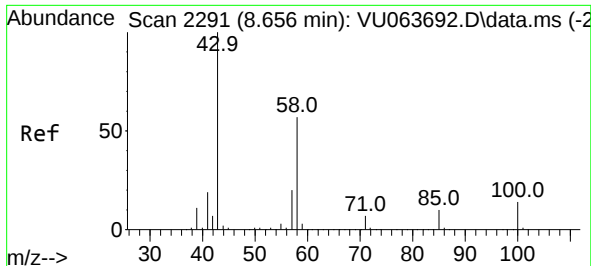
Tgt Ion: 63 Resp: 2615

Ion Ratio Lower Upper

63 100

106 15.5 15.8 23.8#

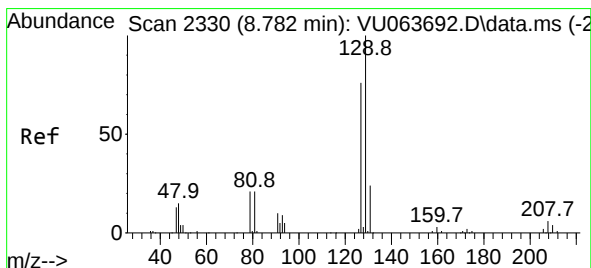
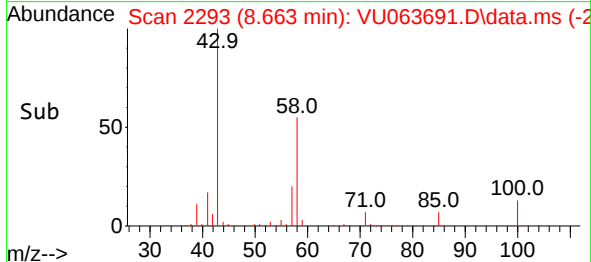
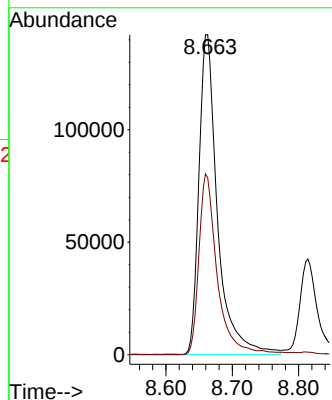
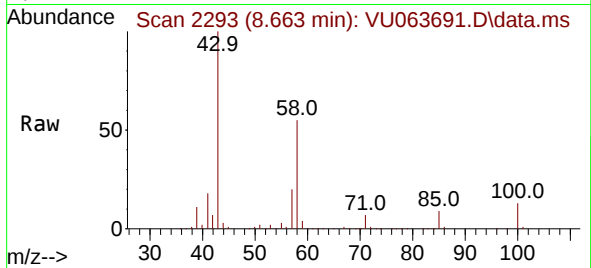




#59
2-Hexanone
Concen: 93.494 ug/l
RT: 8.663 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

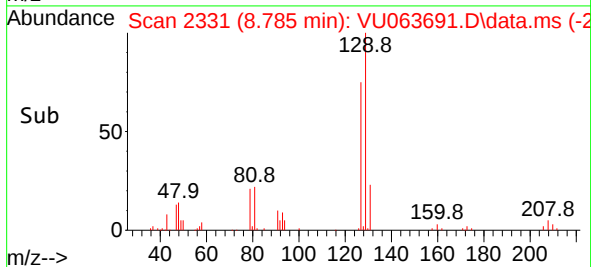
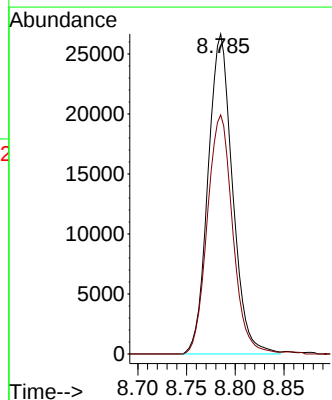
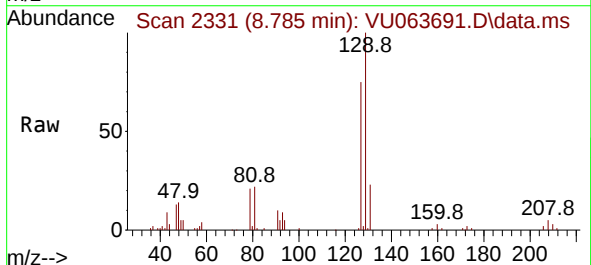
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

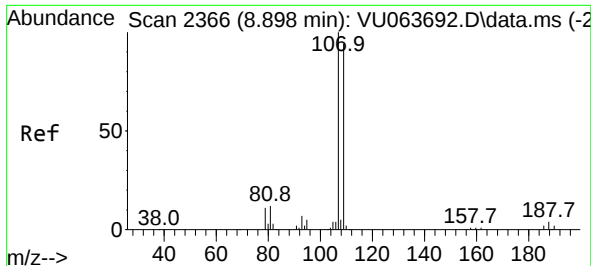
Tgt Ion: 43 Resp: 275634
Ion Ratio Lower Upper
43 100
58 56.2 28.4 85.3



#60
Dibromochloromethane
Concen: 18.573 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:129 Resp: 46594
Ion Ratio Lower Upper
129 100
127 77.3 38.2 114.6

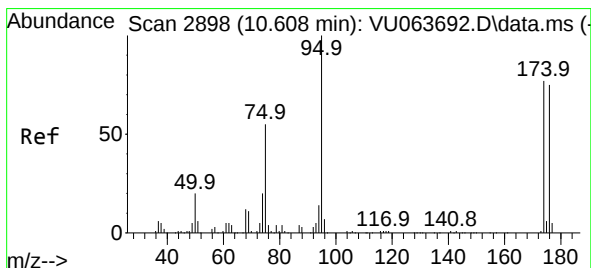
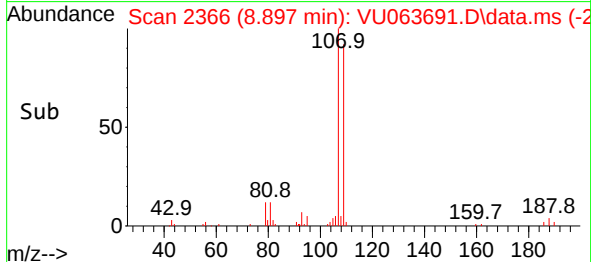
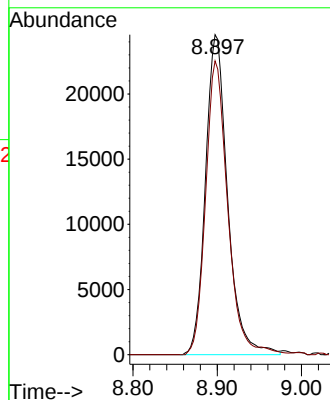
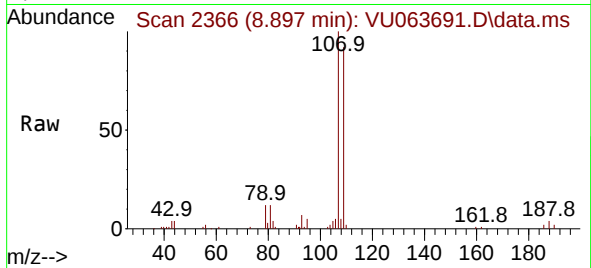




#61
1,2-Dibromoethane
Concen: 19.475 ug/l
RT: 8.897 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

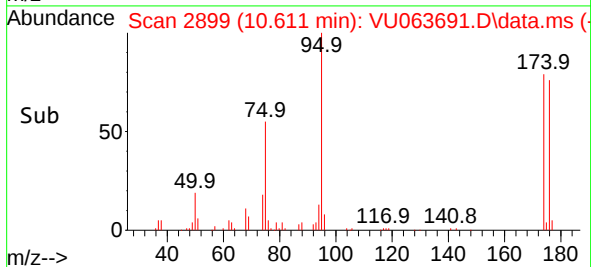
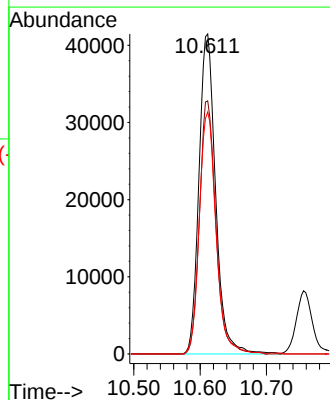
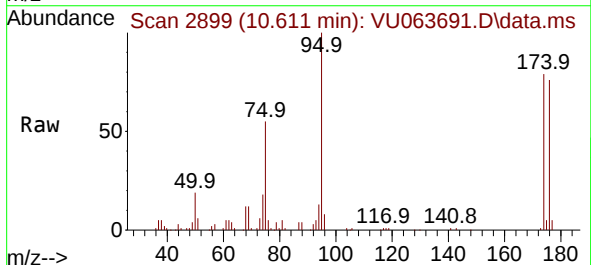
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

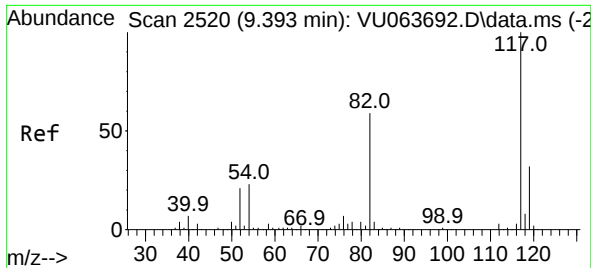
Tgt Ion:107 Resp: 44948
Ion Ratio Lower Upper
107 100
109 91.5 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 19.940 ug/l
RT: 10.611 min Scan# 2899
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 95 Resp: 72562
Ion Ratio Lower Upper
95 100
174 77.7 0.0 154.6
176 75.7 0.0 148.4

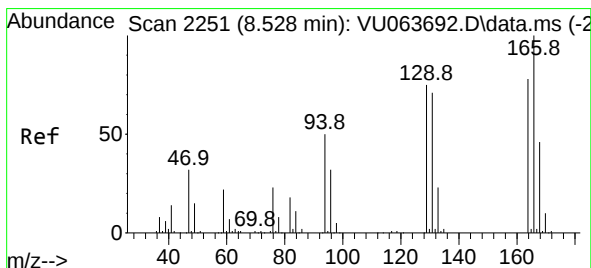
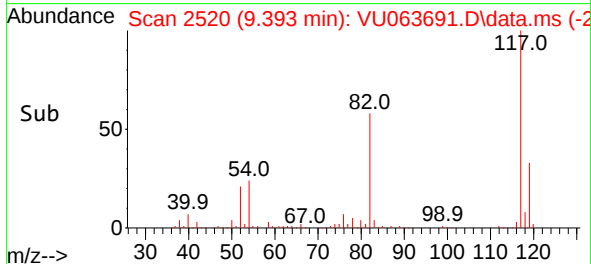
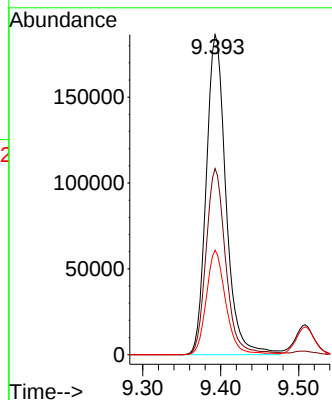
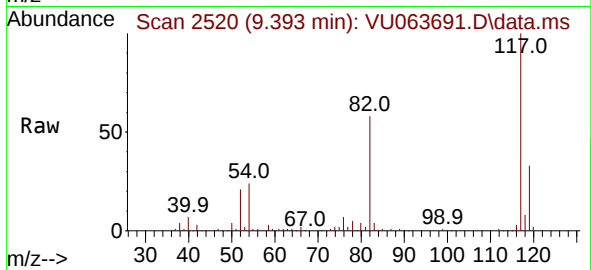




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

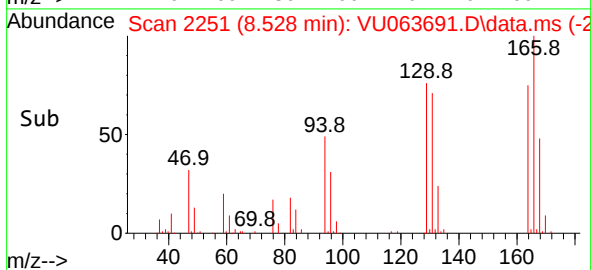
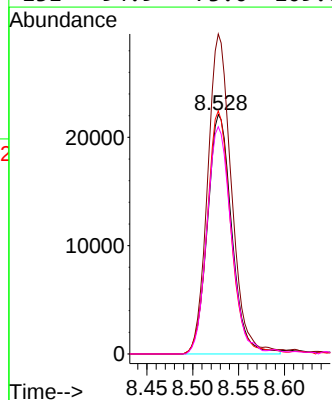
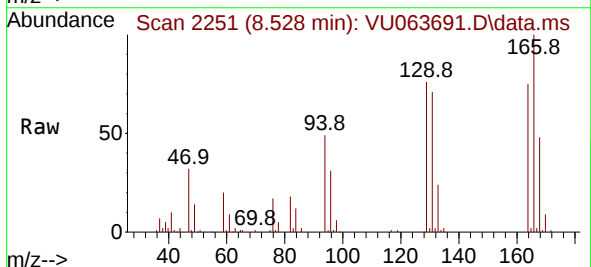
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

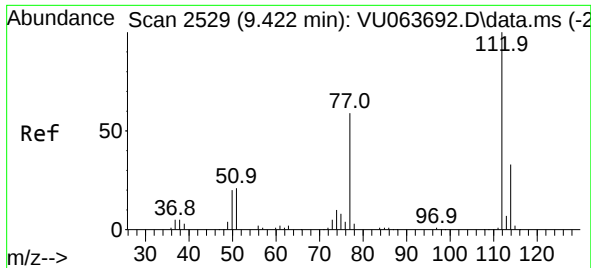
Tgt Ion:117 Resp: 327674
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 32.6 25.8 38.8



#64
Tetrachloroethene
Concen: 19.239 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:164 Resp: 40671
Ion Ratio Lower Upper
164 100
166 133.7 102.5 153.7
129 101.5 77.1 115.7
131 94.9 73.0 109.6

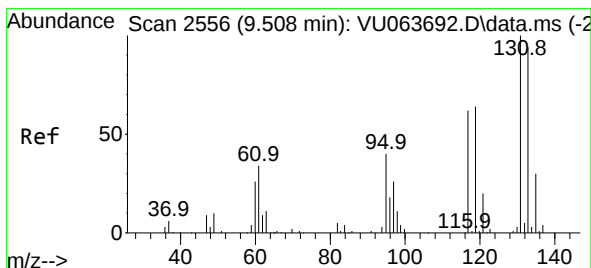
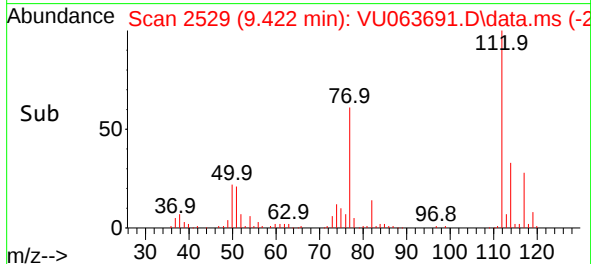
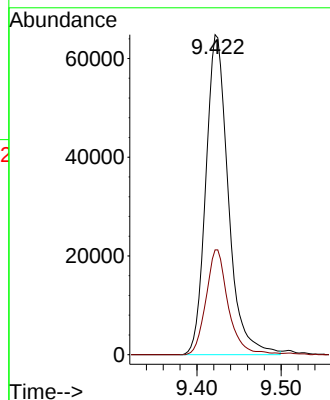
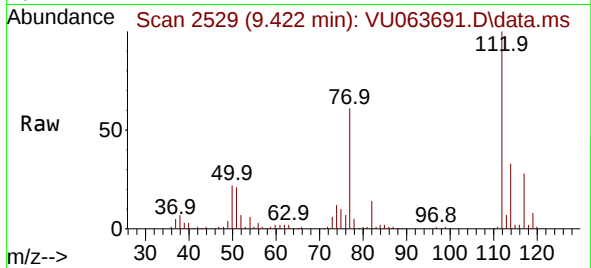




#65
Chlorobenzene
Concen: 18.805 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

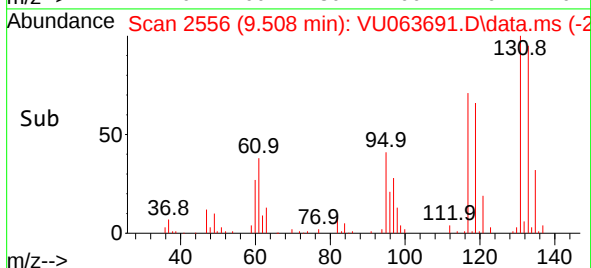
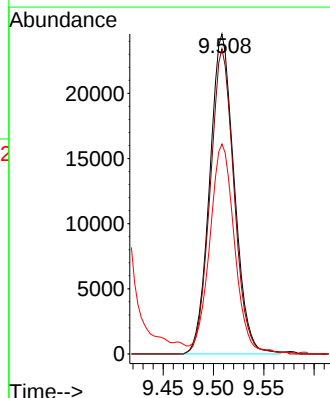
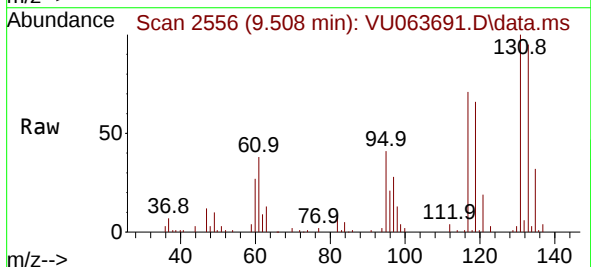
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

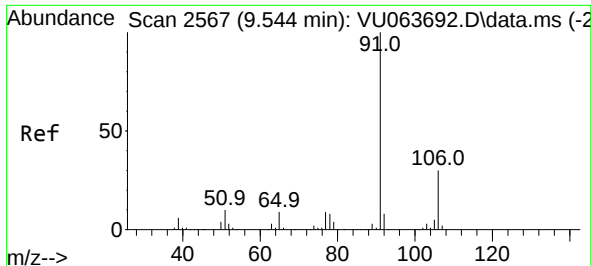
Tgt Ion:112 Resp: 120402
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.118 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:131 Resp: 41634
Ion Ratio Lower Upper
131 100
133 93.1 47.5 142.5
119 65.5 33.3 99.8





#67

Ethyl Benzene

Concen: 19.114 ug/l

RT: 9.547 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

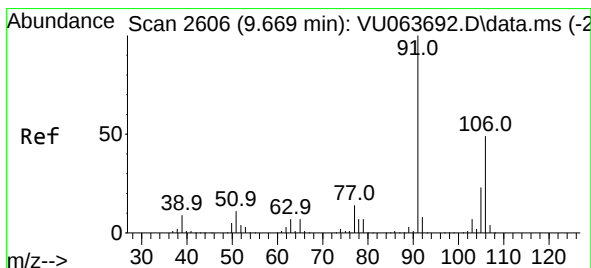
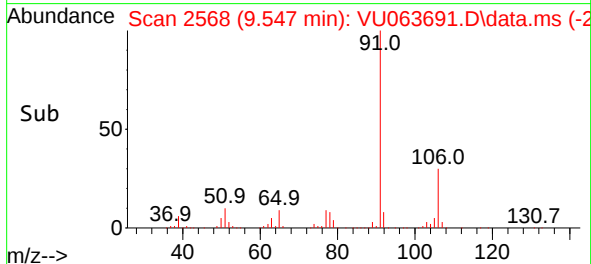
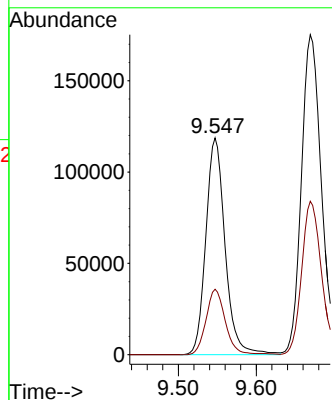
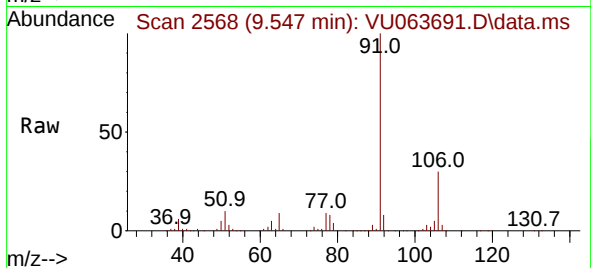
VSTDICC020

Tgt Ion: 91 Resp: 203837

Ion Ratio Lower Upper

91 100

106 30.2 23.8 35.8



#68

m/p-Xylenes

Concen: 38.505 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063691.D

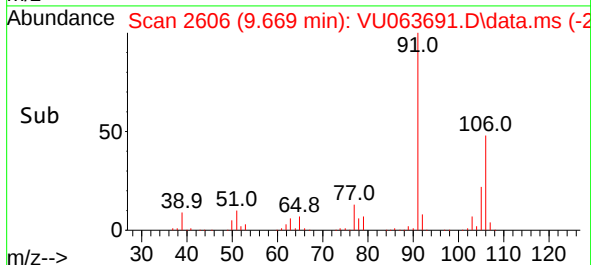
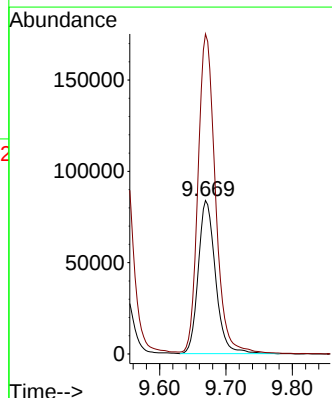
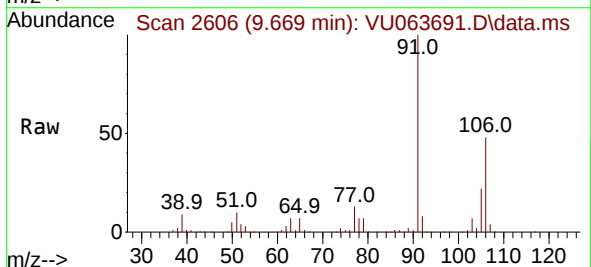
Acq: 10 Nov 2025 12:02

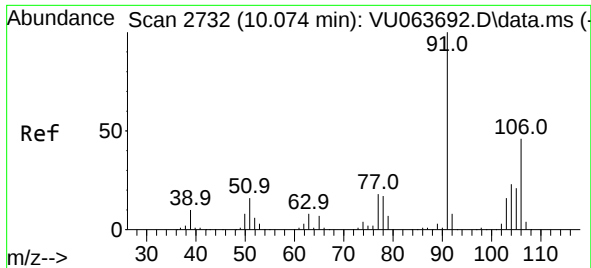
Tgt Ion:106 Resp: 151571

Ion Ratio Lower Upper

106 100

91 210.8 165.7 248.5

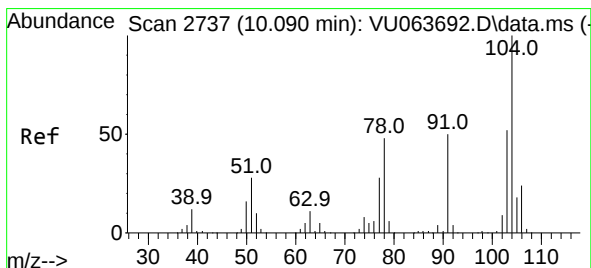
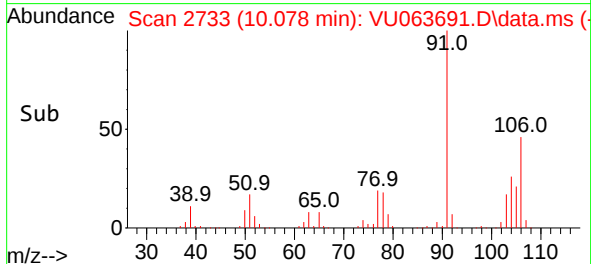
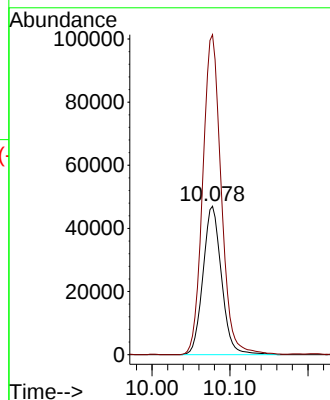
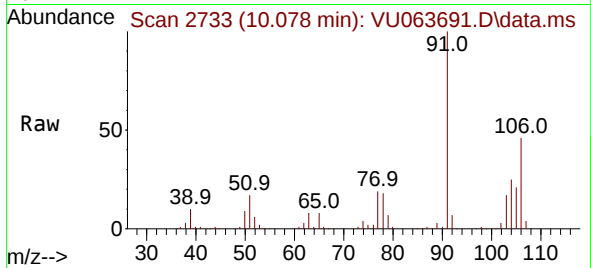




#69
o-Xylene
Concen: 19.102 ug/l
RT: 10.078 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

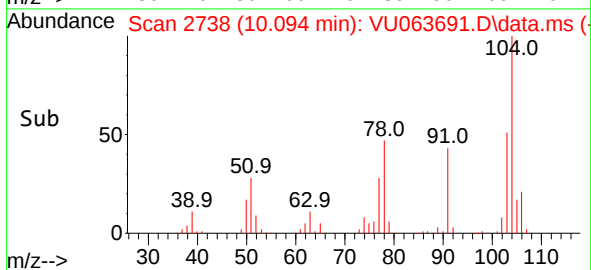
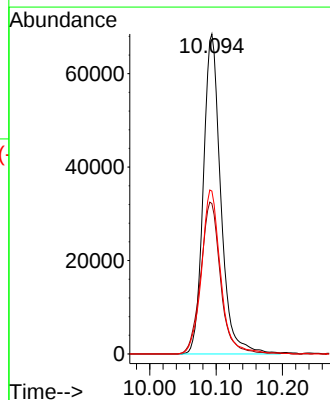
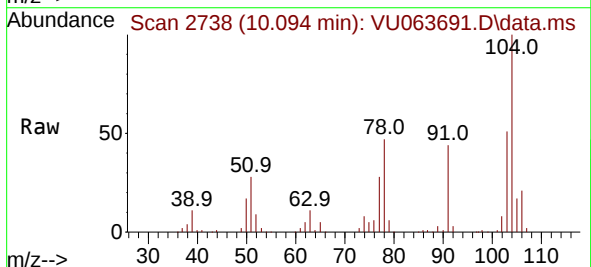
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

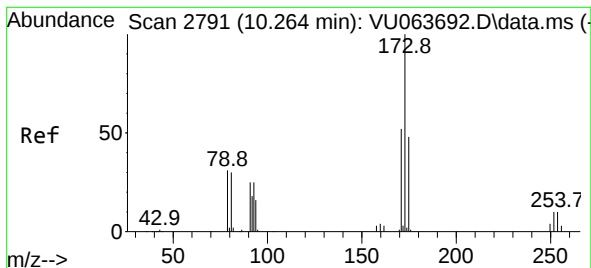
Tgt Ion:106 Resp: 77590
Ion Ratio Lower Upper
106 100
91 215.8 108.7 325.9



#70
Styrene
Concen: 19.213 ug/l
RT: 10.094 min Scan# 2738
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:104 Resp: 125356
Ion Ratio Lower Upper
104 100
78 53.6 42.7 64.1
103 55.8 44.0 66.0





#71

Bromoform

Concen: 18.543 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

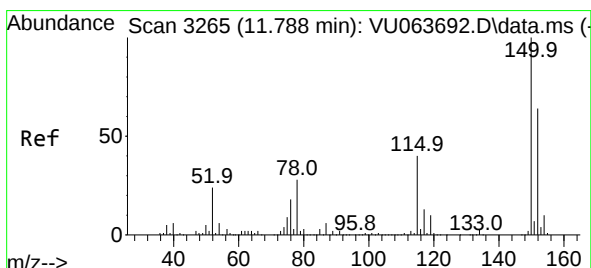
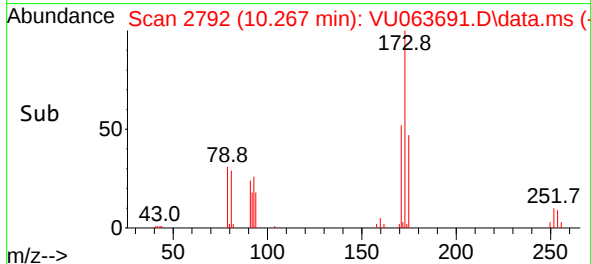
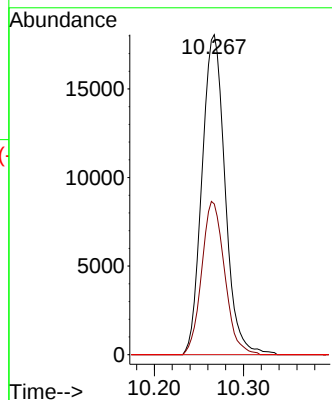
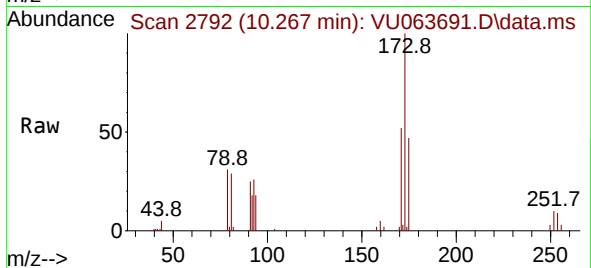
Tgt Ion:173 Resp: 32518

Ion Ratio Lower Upper

173 100

175 47.6 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

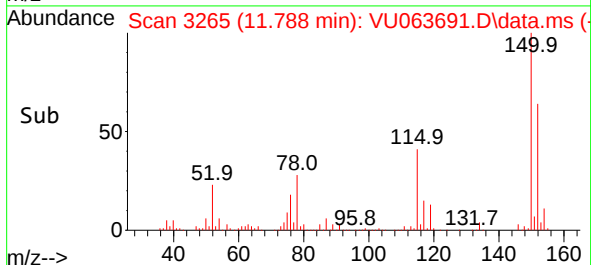
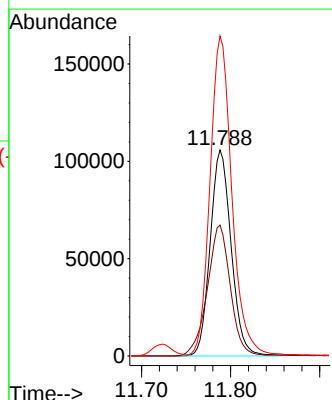
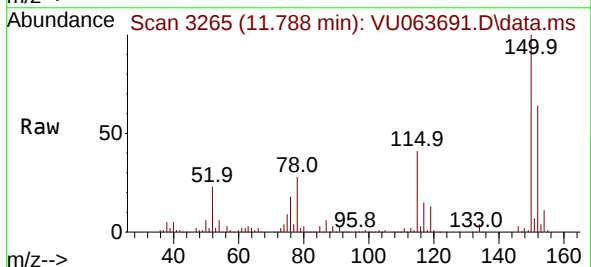
Tgt Ion:152 Resp: 172876

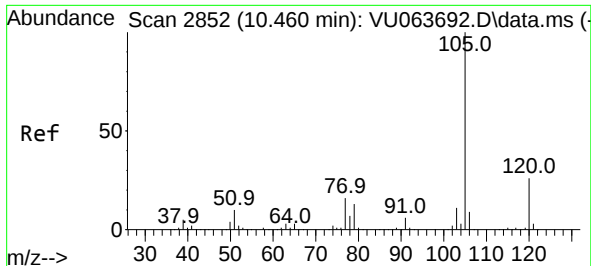
Ion Ratio Lower Upper

152 100

115 69.5 41.0 123.0

150 161.3 0.0 342.2

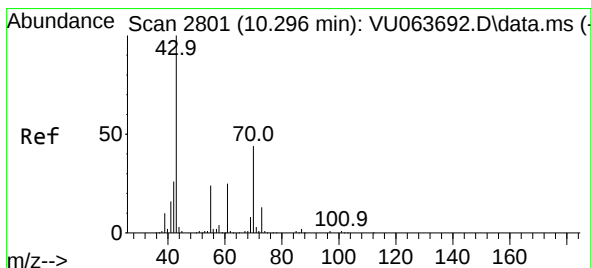
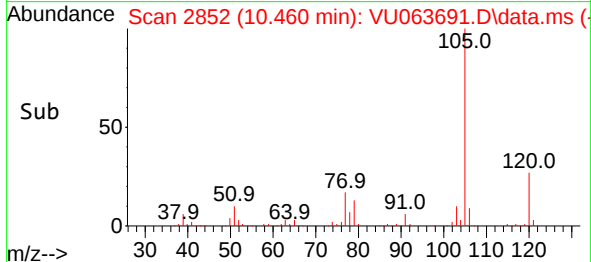
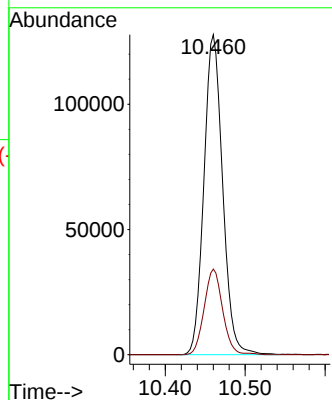
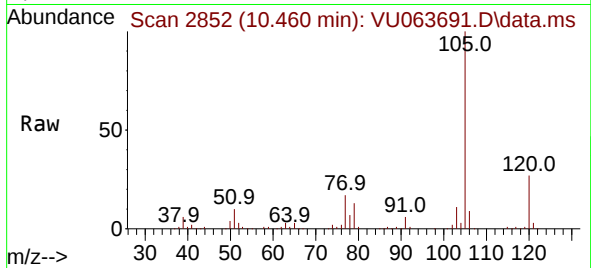




#73
Isopropylbenzene
Concen: 19.172 ug/l
RT: 10.460 min Scan# 2852
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

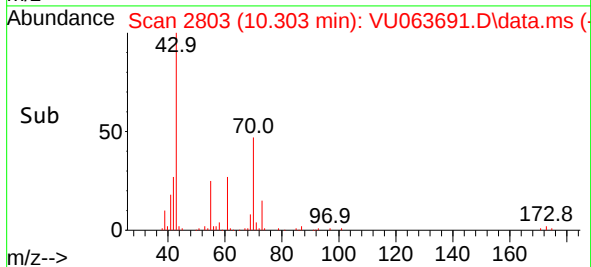
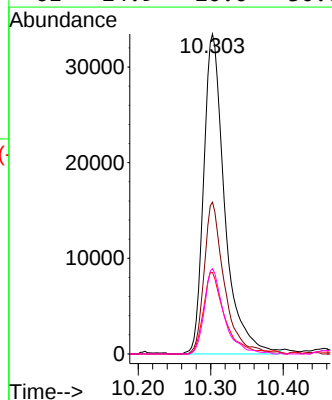
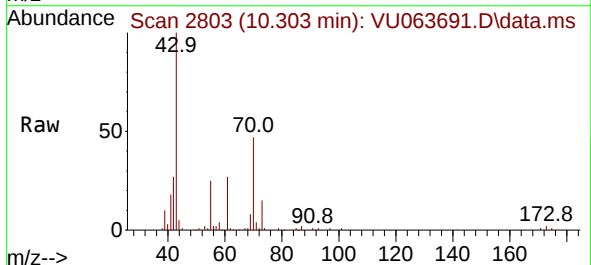
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

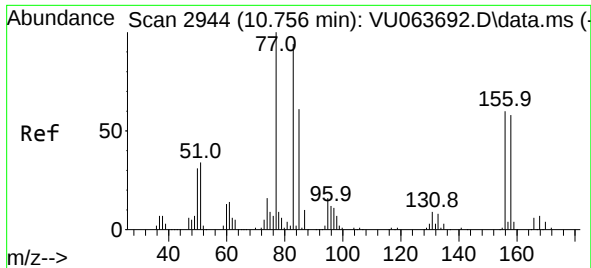
Tgt Ion:105 Resp: 208233
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 17.841 ug/l
RT: 10.303 min Scan# 2803
Delta R.T. 0.006 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 43 Resp: 67513
Ion Ratio Lower Upper
43 100
70 45.6 36.5 54.7
55 25.3 20.6 30.8
61 24.9 20.0 30.0

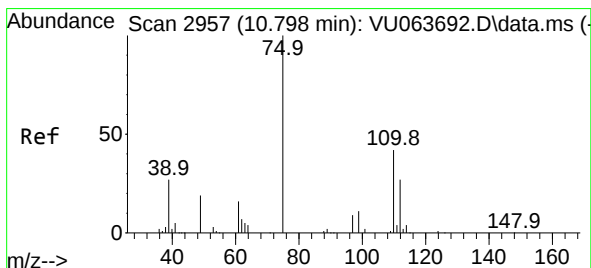
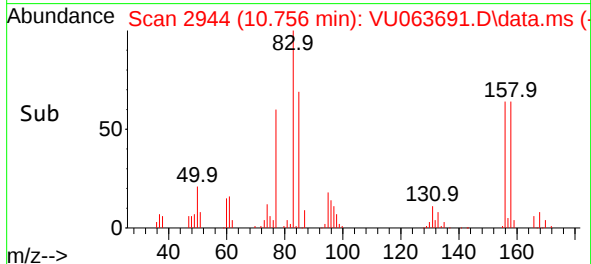
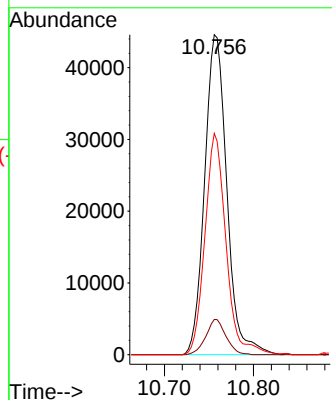
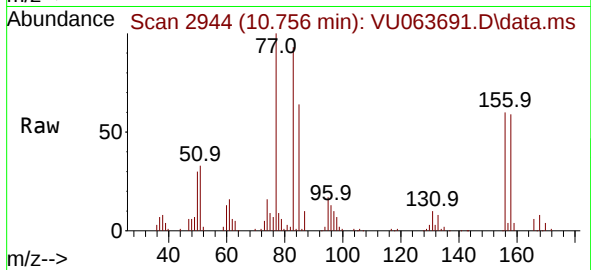




#75
1,1,2,2-Tetrachloroethane
Concen: 18.522 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

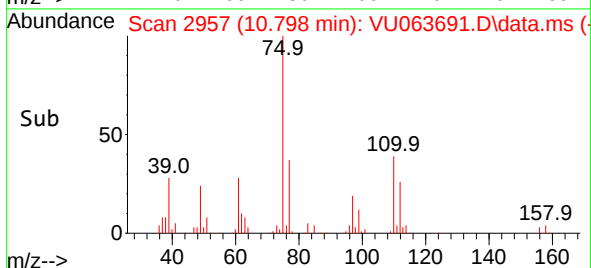
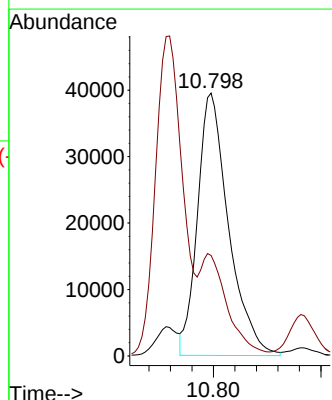
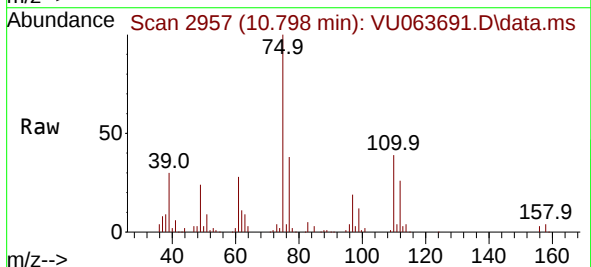
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

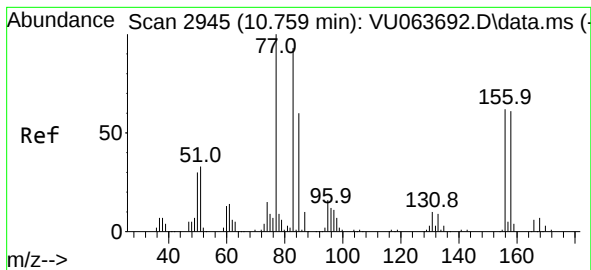
Tgt Ion: 83 Resp: 77251
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 65.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 18.597 ug/l
RT: 10.798 min Scan# 2957
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 75 Resp: 79289
Ion Ratio Lower Upper
75 100
77 29.8 0.0 0.0#





#77

Bromobenzene

Concen: 19.107 ug/l

RT: 10.759 min Scan# 2945

Delta R.T. -0.000 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

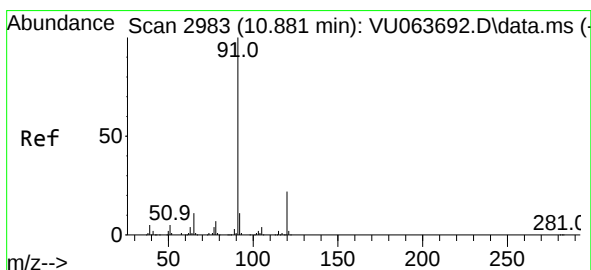
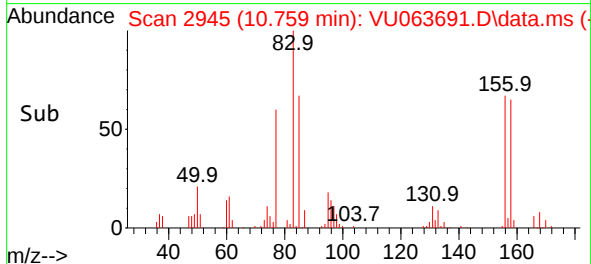
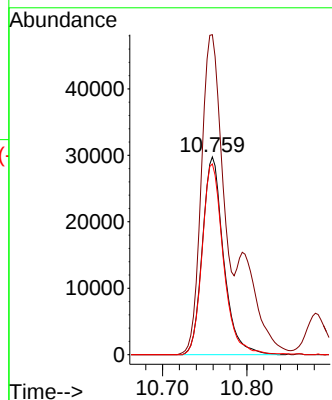
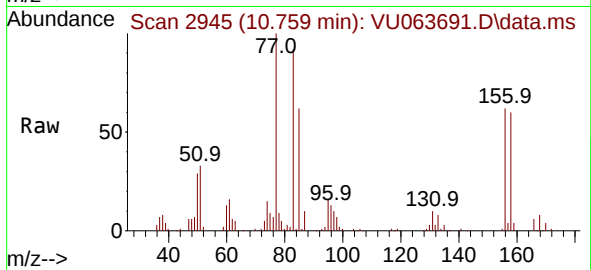
Tgt Ion:156 Resp: 52214

Ion Ratio Lower Upper

156 100

77 165.0 81.4 244.2

158 96.7 48.8 146.3



#78

n-propylbenzene

Concen: 19.205 ug/l

RT: 10.881 min Scan# 2983

Delta R.T. -0.000 min

Lab File: VU063691.D

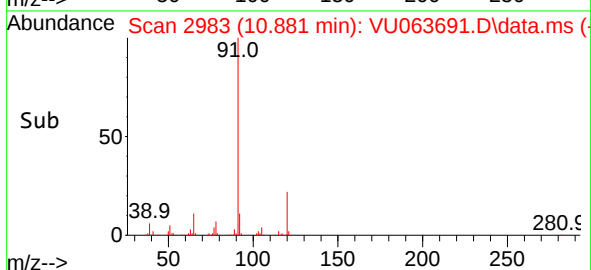
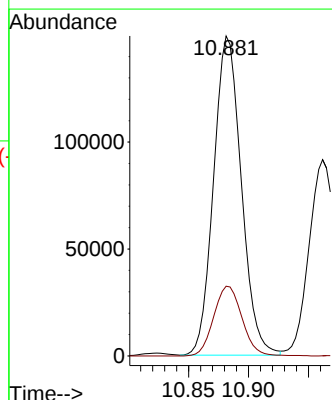
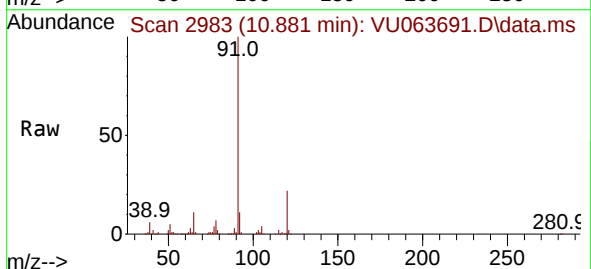
Acq: 10 Nov 2025 12:02

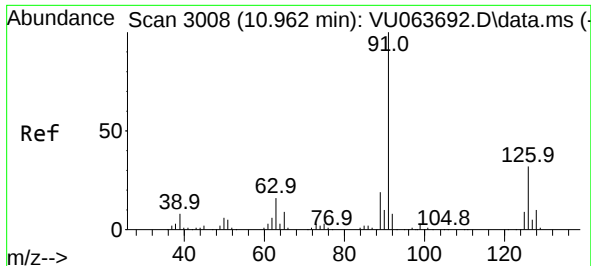
Tgt Ion: 91 Resp: 239278

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.6

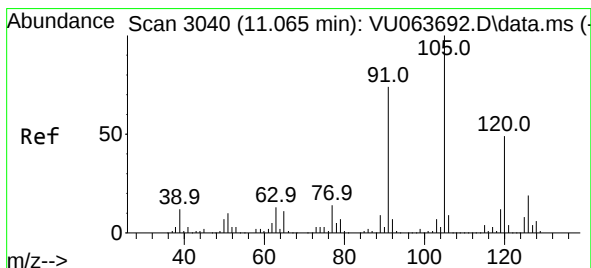
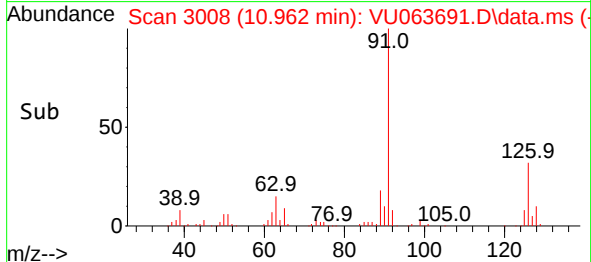
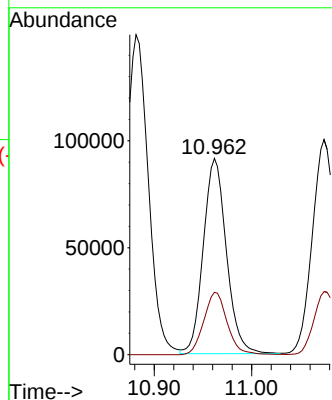
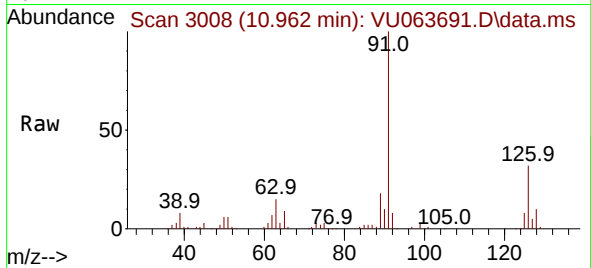




#79
2-Chlorotoluene
Concen: 18.710 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

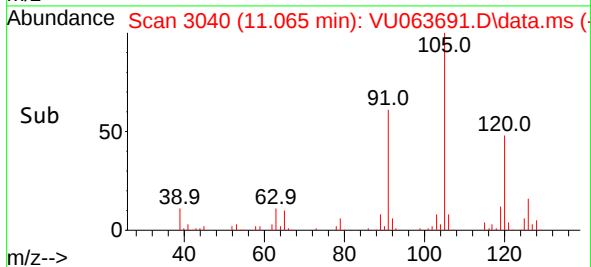
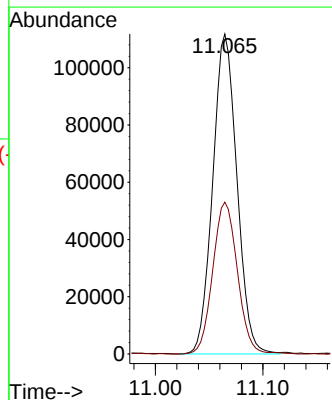
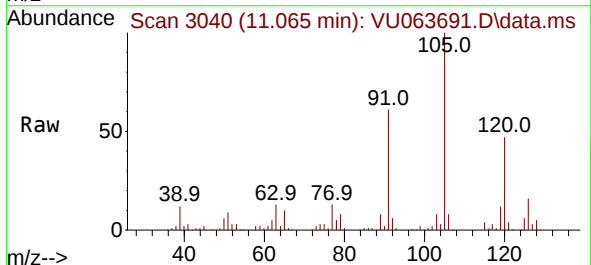
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

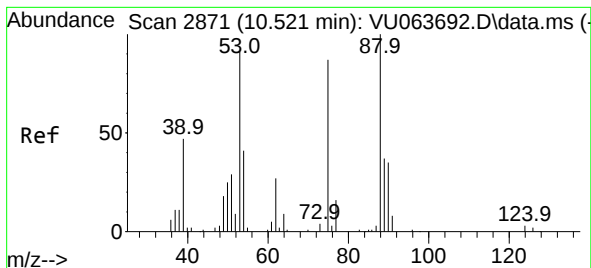
Tgt Ion: 91 Resp: 150677
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.189 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:105 Resp: 174759
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2

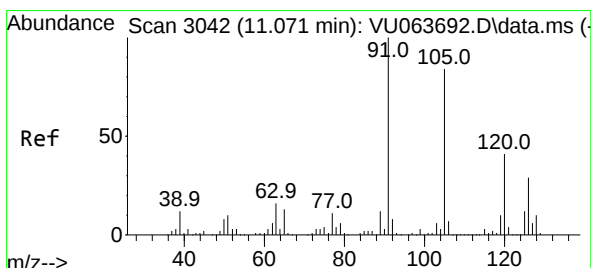
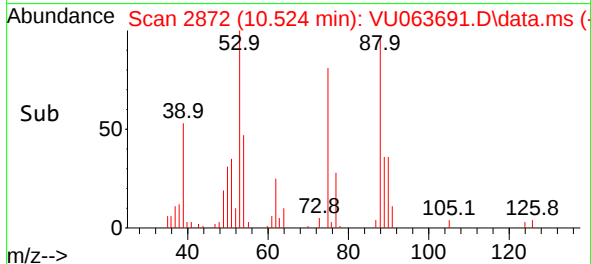
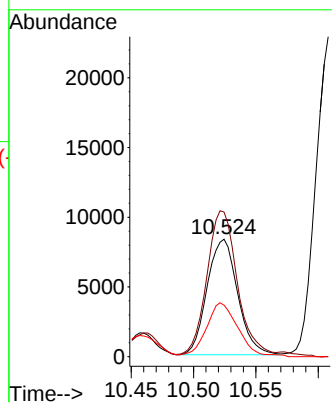
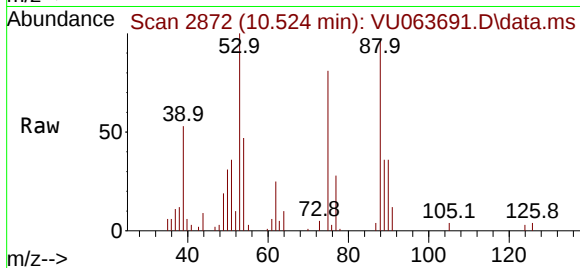




#81
trans-1,4-Dichloro-2-butene
Concen: 17.324 ug/l
RT: 10.524 min Scan# 2871
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

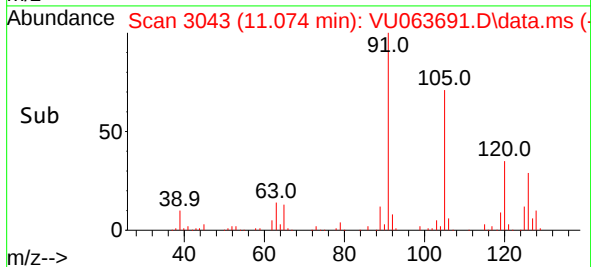
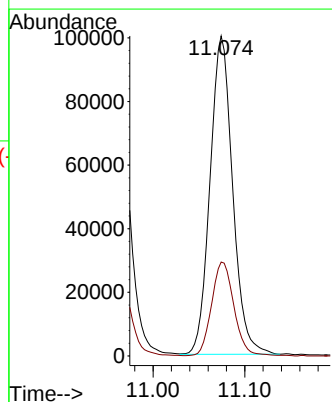
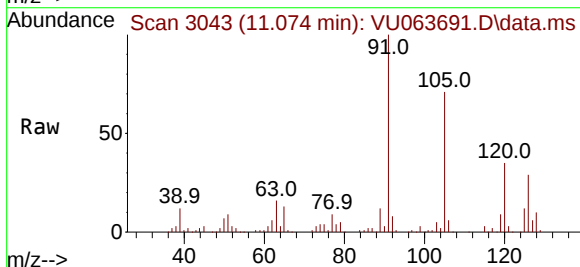
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

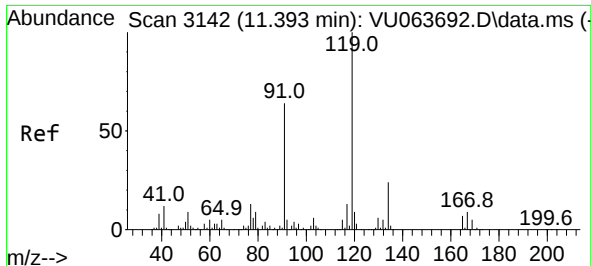
Tgt Ion: 75 Resp: 14167
Ion Ratio Lower Upper
75 100
53 122.3 86.5 129.7
89 48.1 35.2 52.8



#82
4-Chlorotoluene
Concen: 18.735 ug/l
RT: 11.074 min Scan# 3043
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 91 Resp: 171451
Ion Ratio Lower Upper
91 100
126 29.3 14.2 42.8

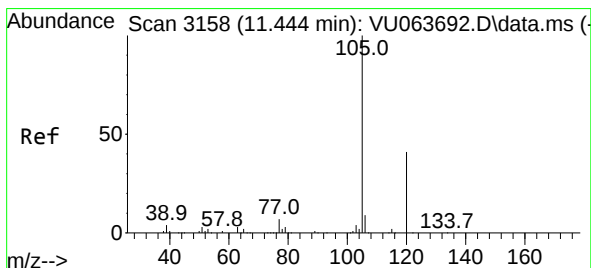
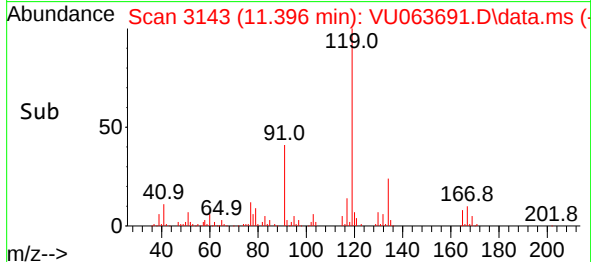
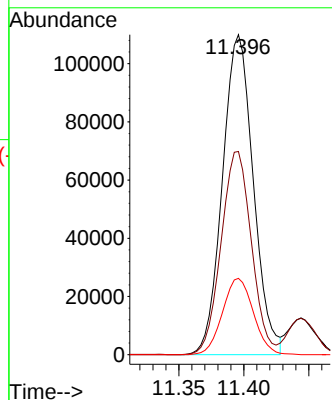
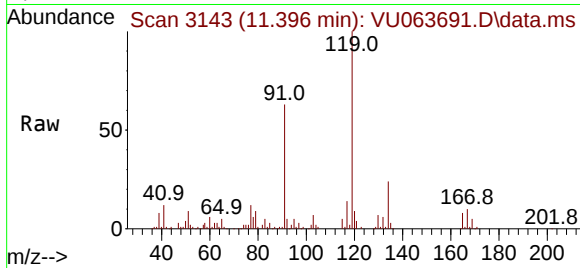




#83
tert-Butylbenzene
Concen: 19.151 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

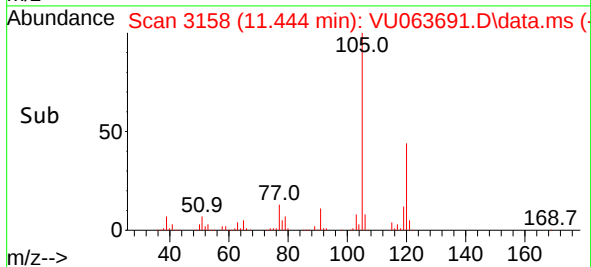
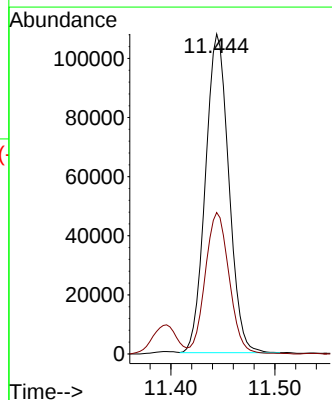
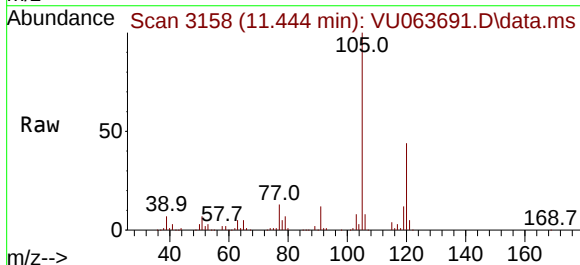
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

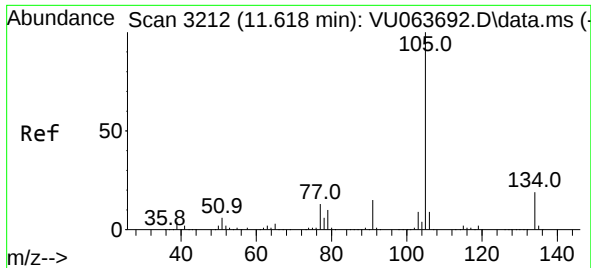
Tgt Ion:119 Resp: 181666
Ion Ratio Lower Upper
119 100
91 62.4 30.8 92.3
134 23.9 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 18.858 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:105 Resp: 168533
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3

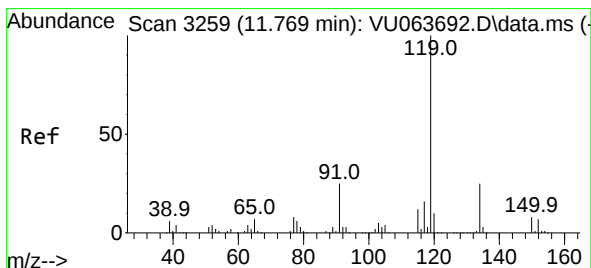
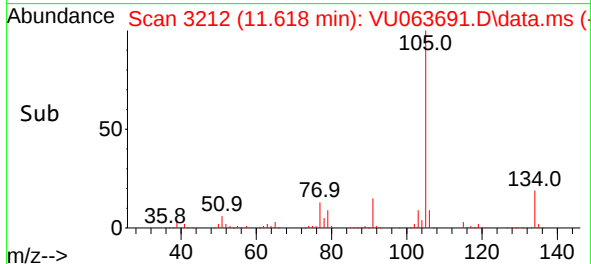
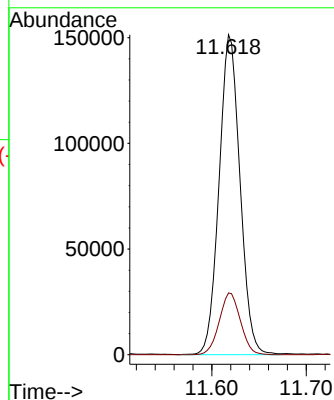
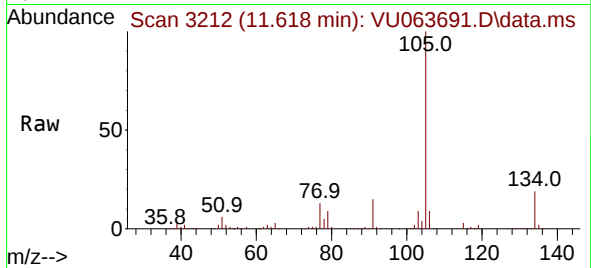




#85
 sec-Butylbenzene
 Concen: 19.414 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

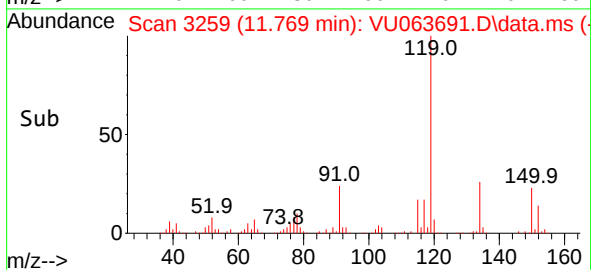
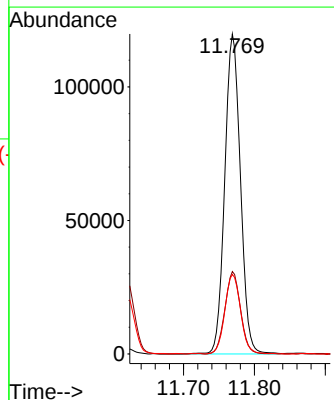
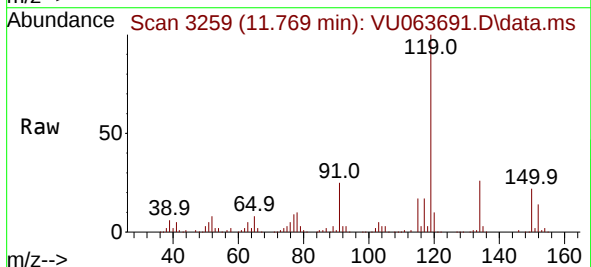
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

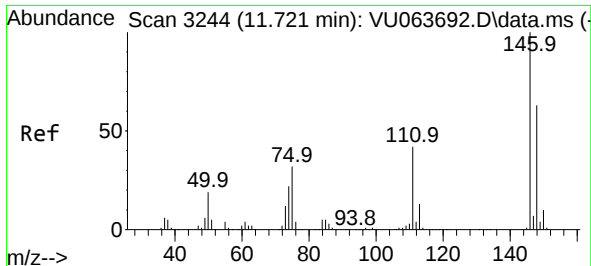
Tgt Ion:105 Resp: 232638
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.119 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

Tgt Ion:119 Resp: 183919
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.6
 91 25.1 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 19.229 ug/l

RT: 11.724 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

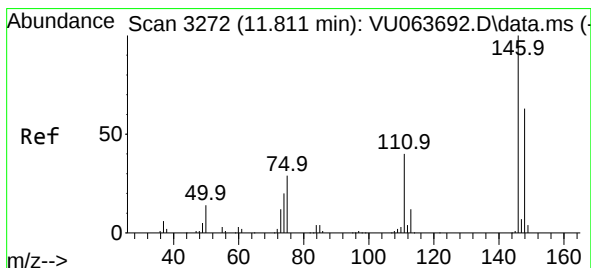
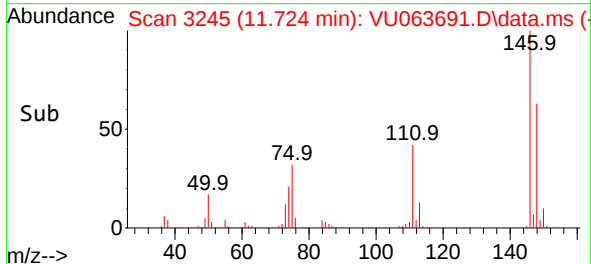
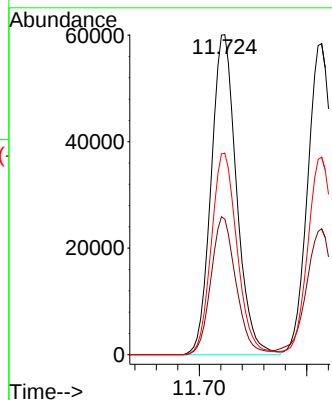
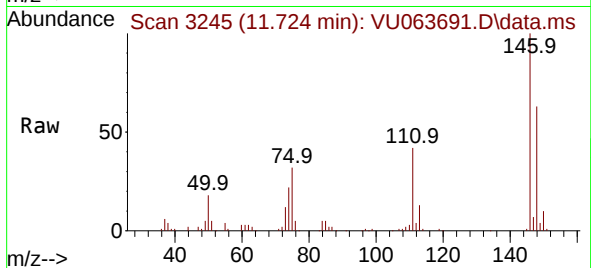
Tgt Ion:146 Resp: 98722

Ion Ratio Lower Upper

146 100

111 42.5 20.6 61.8

148 64.0 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.399 ug/l

RT: 11.814 min Scan# 3273

Delta R.T. 0.003 min

Lab File: VU063691.D

Acq: 10 Nov 2025 12:02

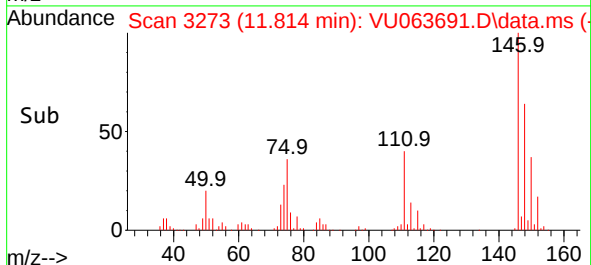
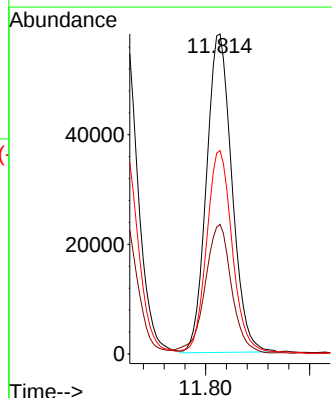
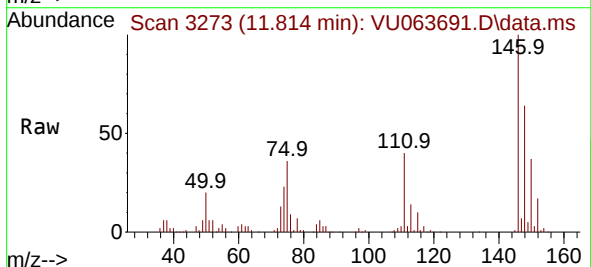
Tgt Ion:146 Resp: 98827

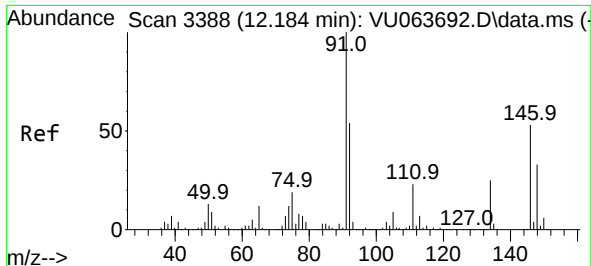
Ion Ratio Lower Upper

146 100

111 42.1 20.4 61.3

148 65.1 31.4 94.3

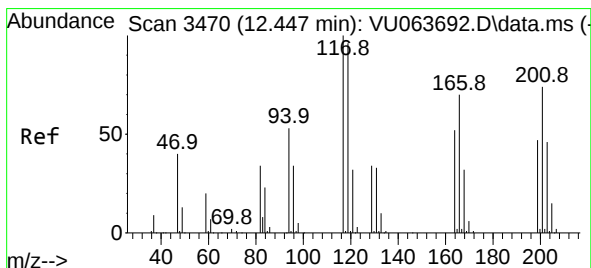
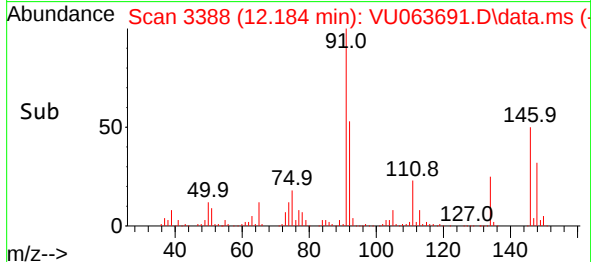
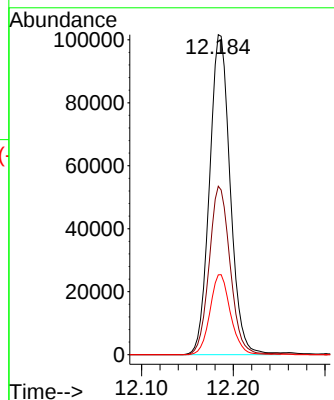
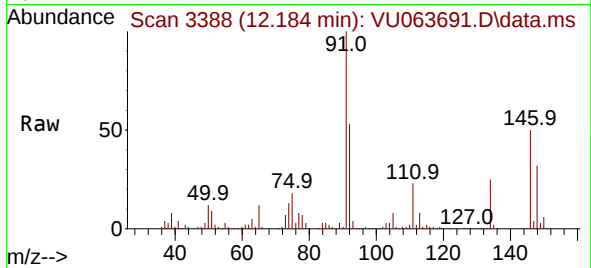




#89
n-Butylbenzene
Concen: 18.075 ug/l
RT: 12.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

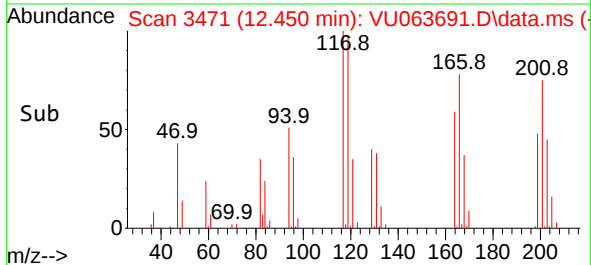
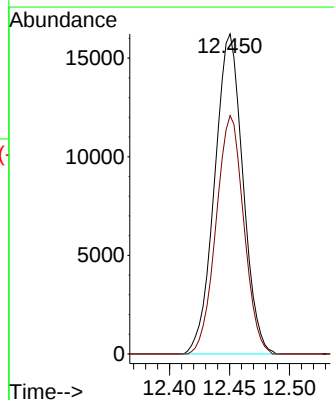
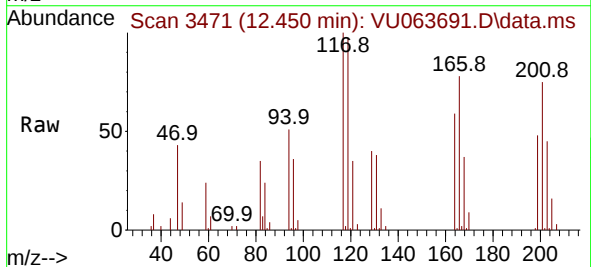
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

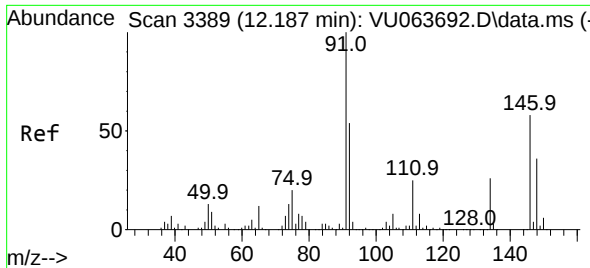
Tgt Ion: 91 Resp: 159683
Ion Ratio Lower Upper
91 100
92 53.2 27.0 81.0
134 24.8 12.4 37.4



#90
Hexachloroethane
Concen: 18.130 ug/l
RT: 12.450 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion: 117 Resp: 26607
Ion Ratio Lower Upper
117 100
201 72.9 36.6 109.8

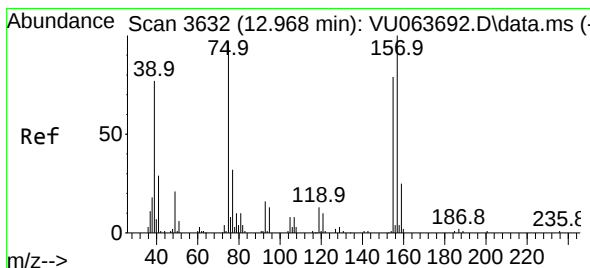
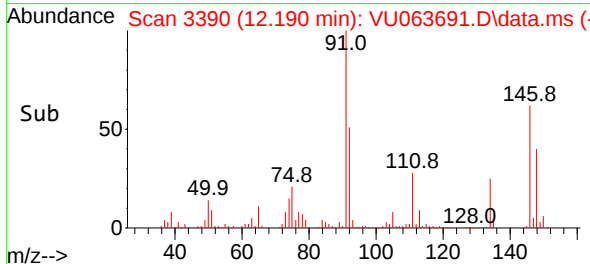
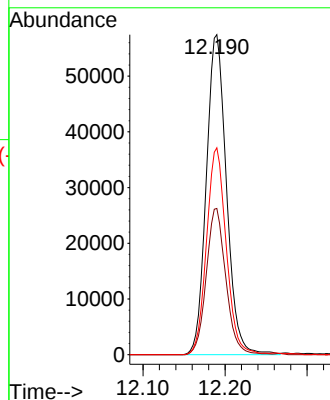
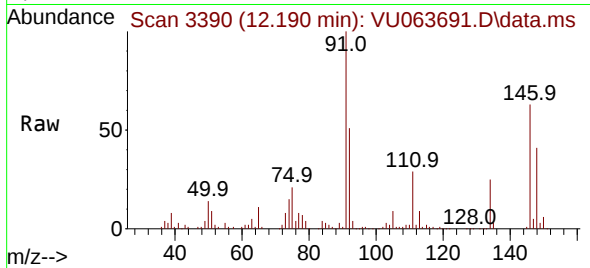




#91
 1,2-Dichlorobenzene
 Concen: 19.123 ug/l
 RT: 12.190 min Scan# 3389
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

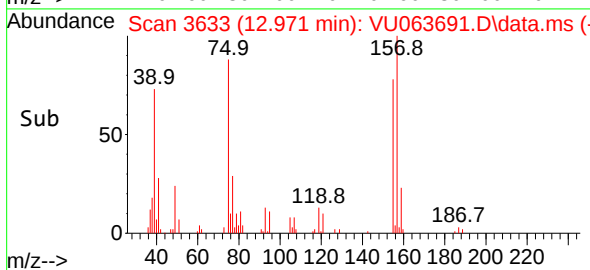
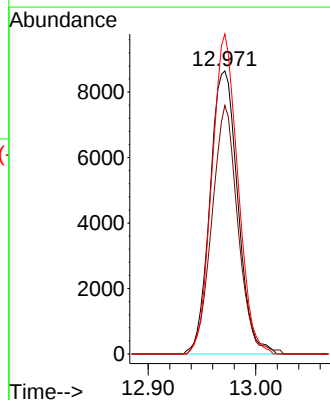
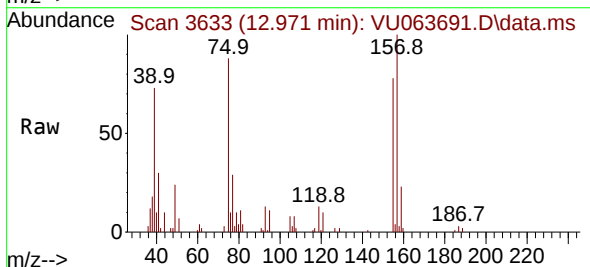
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 ClientSampleId :
 VSTDIC020

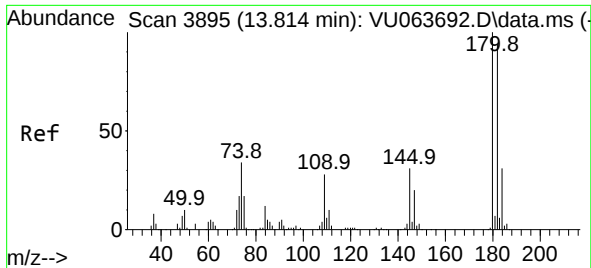
Tgt Ion:146 Resp: 98021
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.8 65.3
 148 63.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.183 ug/l
 RT: 12.971 min Scan# 3633
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

Tgt Ion: 75 Resp: 15540
 Ion Ratio Lower Upper
 75 100
 155 82.0 40.5 121.4
 157 105.8 50.4 151.3

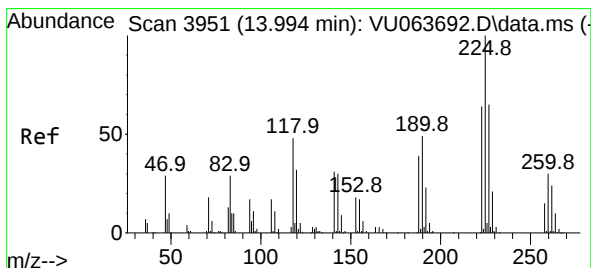
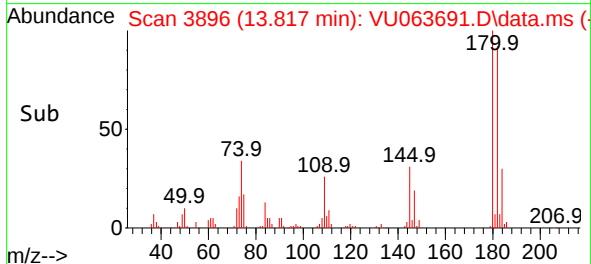
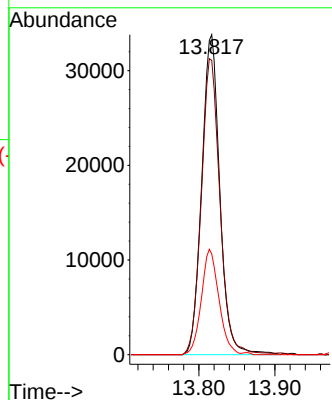
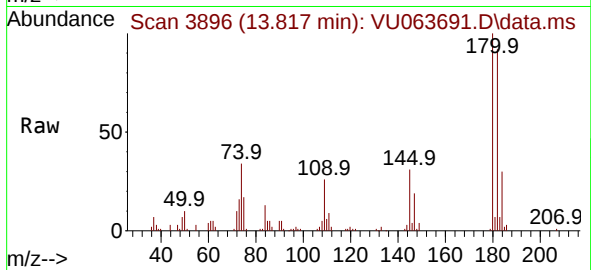




#93
 1,2,4-Trichlorobenzene
 Concen: 17.056 ug/l
 RT: 13.817 min Scan# 3896
 Delta R.T. 0.003 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

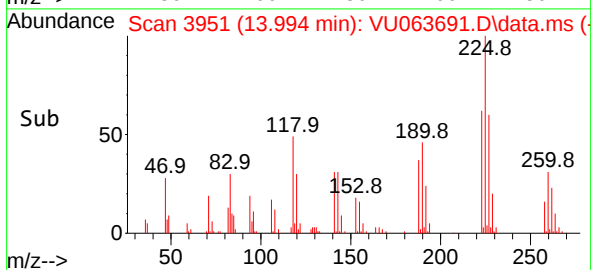
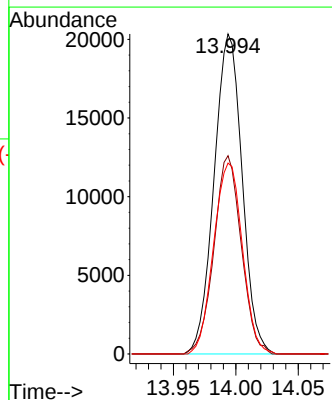
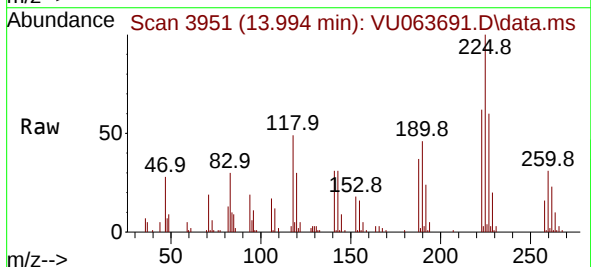
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 ClientSampleId :
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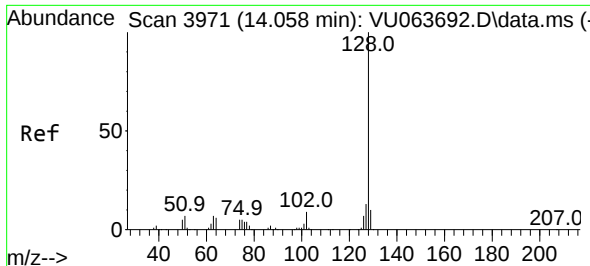
Tgt Ion:180 Resp: 55737
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.6 142.9
 145 32.0 15.9 47.6



#94
 Hexachlorobutadiene
 Concen: 19.350 ug/l
 RT: 13.994 min Scan# 3951
 Delta R.T. -0.000 min
 Lab File: VU063691.D
 Acq: 10 Nov 2025 12:02

Tgt Ion:225 Resp: 31862
 Ion Ratio Lower Upper
 225 100
 223 60.4 31.6 94.8
 227 61.3 32.4 97.0

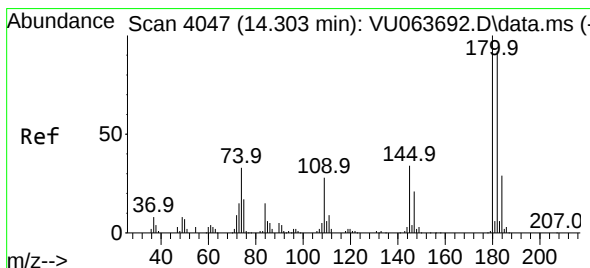
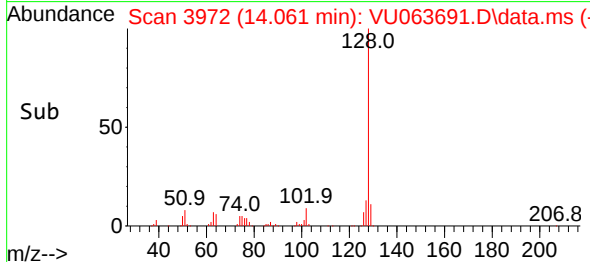
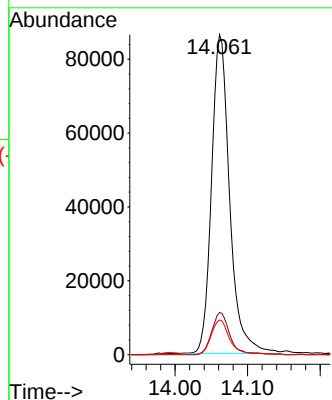
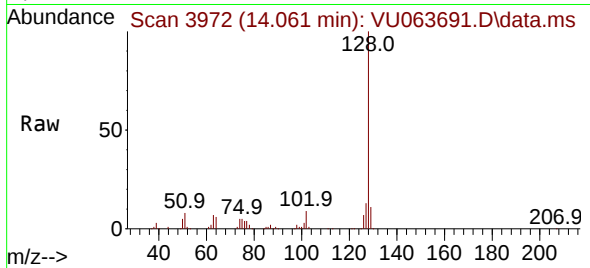




#95
Naphthalene
Concen: 16.888 ug/l
RT: 14.061 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

Tgt Ion:128 Resp: 149504
Ion Ratio Lower Upper
128 100
127 13.3 9.9 14.9
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 17.677 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063691.D
Acq: 10 Nov 2025 12:02

Tgt Ion:180 Resp: 53708
Ion Ratio Lower Upper
180 100
182 95.6 47.3 142.0
145 34.1 16.6 49.7

