

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063462.D
 Acq On : 08 Jul 2025 12:53
 Operator : MD/SY
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 09 03:23:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 03:15:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.360	168	140067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	246301	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	226914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	122563	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	36913	20.655	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.320%#
35) Dibromofluoromethane	5.280	113	31268	21.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	42.120%#
50) Toluene-d8	7.888	98	95716	19.778	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	39.560%#
62) 4-Bromofluorobenzene	10.627	95	44258	20.908	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	41.820%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.383	85	22470	20.171	ug/l	99
3) Chloromethane	1.518	50	25623	21.562	ug/l	99
4) Vinyl Chloride	1.599	62	29966	19.918	ug/l	99
5) Bromomethane	1.846	94	22588	21.429	ug/l	96
6) Chloroethane	1.927	64	20270	22.141	ug/l	98
7) Trichlorofluoromethane	2.129	101	49232	20.284	ug/l	99
8) Diethyl Ether	2.370	74	20360	20.128	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.570	101	28831	20.083	ug/l	96
10) Methyl Iodide	2.708	142	29652	19.774	ug/l	95
11) Tert butyl alcohol	3.190	59	59535	99.360	ug/l	99
12) 1,1-Dichloroethene	2.570	96	26348	19.511	ug/l	98
13) Acrolein	2.480	56	8336	98.564	ug/l	90
14) Allyl chloride	2.910	41	60139	18.439	ug/l	98
15) Acrylonitrile	3.303	53	127388	99.254	ug/l	97
16) Acetone	2.621	43	135442	90.348	ug/l	96
17) Carbon Disulfide	2.779	76	57215	21.537	ug/l	97
18) Methyl Acetate	2.943	43	73558	18.738	ug/l	98
19) Methyl tert-butyl Ether	3.357	73	115459	20.033	ug/l	96
20) Methylene Chloride	3.029	84	34647	19.299	ug/l	97
21) trans-1,2-Dichloroethene	3.335	96	27391	21.475	ug/l	99
22) Diisopropyl ether	3.988	45	106591	19.680	ug/l	90
23) Vinyl Acetate	3.949	43	418727	99.635	ug/l	100
24) 1,1-Dichloroethane	3.853	63	64444	20.965	ug/l	98
25) 2-Butanone	4.705	43	162713	96.686	ug/l	100
26) 2,2-Dichloropropane	4.647	77	54004	19.780	ug/l	98
27) cis-1,2-Dichloroethene	4.653	96	39068	20.616	ug/l	96
28) Bromochloromethane	4.962	49	29367	20.338	ug/l	100
29) Tetrahydrofuran	5.052	42	105792	94.870	ug/l	99
30) Chloroform	5.071	83	66115	20.372	ug/l	99
31) Cyclohexane	5.367	56	49876	20.156	ug/l	96
32) 1,1,1-Trichloroethane	5.299	97	55509	20.088	ug/l	99
36) 1,1-Dichloropropene	5.512	75	40114	19.885	ug/l	98
37) Ethyl Acetate	4.811	43	62247	18.673	ug/l	97
38) Carbon Tetrachloride	5.508	117	43105	19.393	ug/l	98
39) Methylcyclohexane	6.746	83	45532	18.680	ug/l	95
40) Benzene	5.762	78	128411	20.382	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.971	41	29093	19.454	ug/l	92
42) 1,2-Dichloroethane	5.785	62	46959	19.822	ug/l	99
43) Isopropyl Acetate	5.910	43	86022	19.823	ug/l	98
44) Trichloroethene	6.531	130	34083	20.215	ug/l	95
45) 1,2-Dichloropropane	6.782	63	36190	20.663	ug/l	99
46) Dibromomethane	6.907	93	26177	21.007	ug/l	98
47) Bromodichloromethane	7.094	83	53029	20.466	ug/l	99
48) Methyl methacrylate	6.958	41	41071	20.477	ug/l	98
49) 1,4-Dioxane	6.968	88	17692	401.978	ug/l	98
51) 4-Methyl-2-Pentanone	7.785	43	309932	98.676	ug/l	99
52) Toluene	7.962	92	80429	19.518	ug/l	98
53) t-1,3-Dichloropropene	8.203	75	44078	19.440	ug/l	99
54) cis-1,3-Dichloropropene	7.598	75	50744	19.992	ug/l	94
55) 1,1,2-Trichloroethane	8.389	97	35212	20.121	ug/l	94
56) Ethyl methacrylate	8.328	69	55508	19.663	ug/l	98
57) 1,3-Dichloropropane	8.566	76	59356	20.576	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.467	63	1675	57.139	ug/l #	80
59) 2-Hexanone	8.675	43	223886	94.241	ug/l	100
60) Dibromochloromethane	8.801	129	40653	20.736	ug/l	99
61) 1,2-Dibromoethane	8.917	107	34616	20.153	ug/l	97
64) Tetrachloroethene	8.544	164	34991	20.714	ug/l	97
65) Chlorobenzene	9.441	112	93204	19.743	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	32968	20.363	ug/l	97
67) Ethyl Benzene	9.563	91	163641	20.168	ug/l	99
68) m/p-Xylenes	9.685	106	122151	39.447	ug/l	96
69) o-Xylene	10.090	106	62191	19.754	ug/l	99
70) Styrene	10.106	104	99724	19.921	ug/l	96
71) Bromoform	10.283	173	28401	20.125	ug/l #	99
73) Isopropylbenzene	10.476	105	164307	19.702	ug/l	99
74) N-amyl acetate	10.315	43	68568	18.334	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	59502	19.383	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	63811	19.648	ug/l #	81
77) Bromobenzene	10.775	156	39797	19.468	ug/l	93
78) n-propylbenzene	10.897	91	192232	19.876	ug/l	100
79) 2-Chlorotoluene	10.978	91	122509	20.197	ug/l	100
80) 1,3,5-Trimethylbenzene	11.081	105	144688	19.836	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	12333	18.940	ug/l	96
82) 4-Chlorotoluene	11.087	91	138396	20.097	ug/l	98
83) tert-Butylbenzene	11.412	119	138346	19.777	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	139308	19.449	ug/l	99
85) sec-Butylbenzene	11.634	105	185311	20.076	ug/l	98
86) p-Isopropyltoluene	11.785	119	149444	19.956	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	77972	19.794	ug/l	99
88) 1,4-Dichlorobenzene	11.830	146	79269	19.759	ug/l	98
89) n-Butylbenzene	12.199	91	136310	19.667	ug/l	99
90) Hexachloroethane	12.466	117	23839	19.034	ug/l	100
91) 1,2-Dichlorobenzene	12.206	146	78861	20.530	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	14867	20.449	ug/l	96
93) 1,2,4-Trichlorobenzene	13.833	180	49454	20.103	ug/l	99
94) Hexachlorobutadiene	14.013	225	21632	20.571	ug/l	99
95) Naphthalene	14.080	128	153076	19.001	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	47578	19.680	ug/l	99

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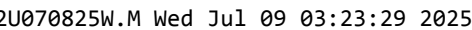
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ClientSampleId :
VSTDICC020

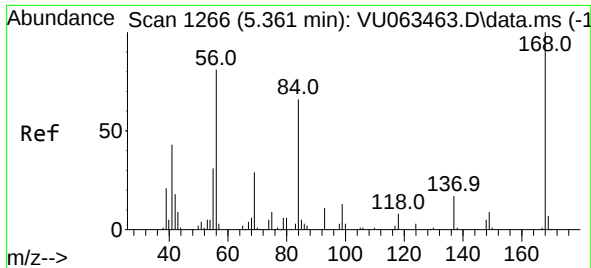
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Quant Title : SW846 8260
QLast Update : Wed Jul 09 03:15:26 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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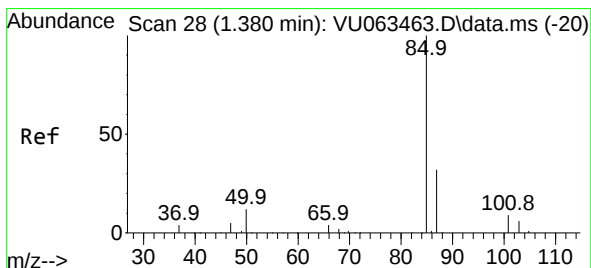
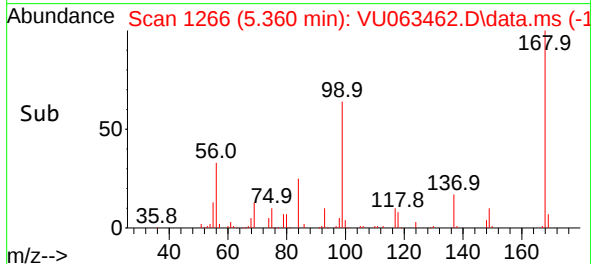
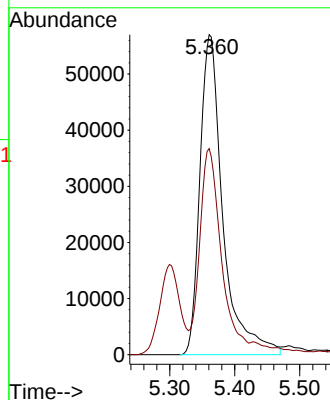
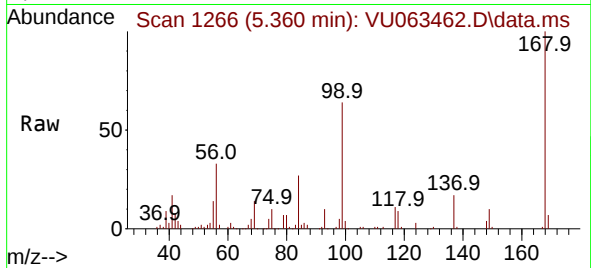




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.360 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

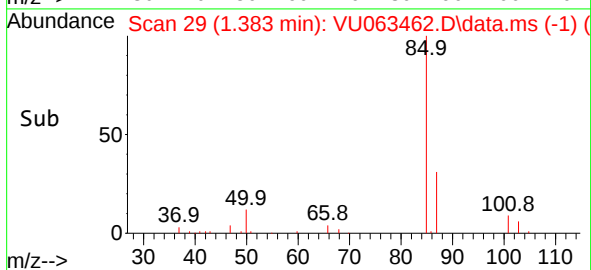
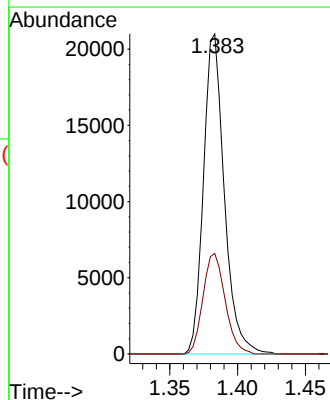
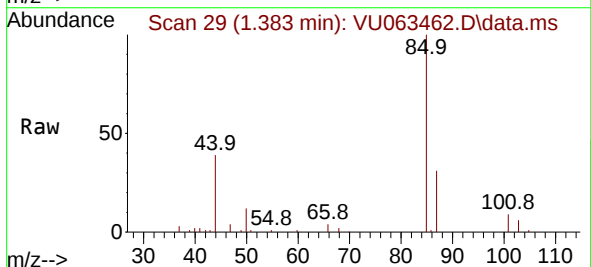
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

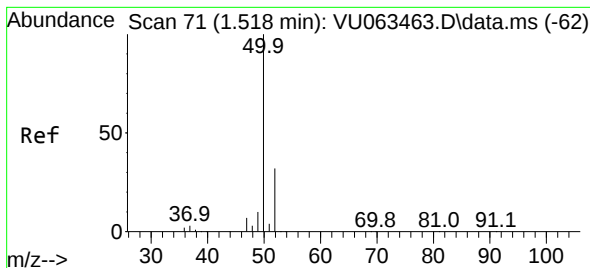
Tgt Ion:168 Resp: 140067
Ion Ratio Lower Upper
168 100
99 62.4 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 20.171 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 85 Resp: 22470
Ion Ratio Lower Upper
85 100
87 31.4 16.1 48.2





#3

Chloromethane

Concen: 21.562 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

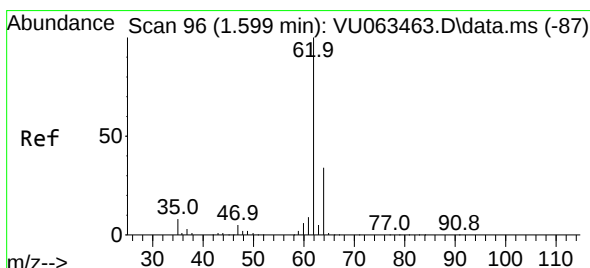
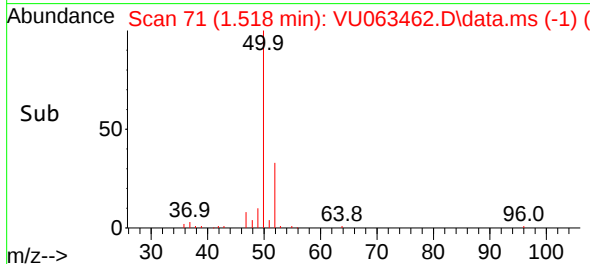
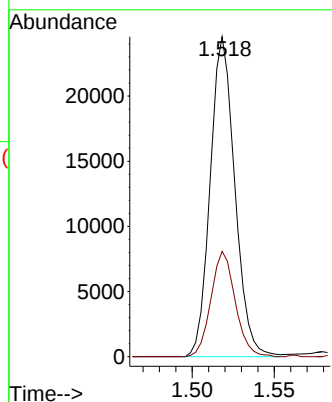
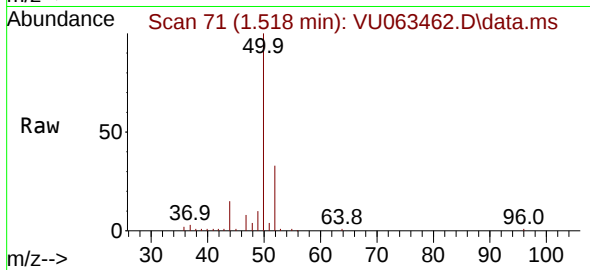
VSTDIC020

Tgt Ion: 50 Resp: 25623

Ion Ratio Lower Upper

50 100

52 32.9 25.8 38.8



#4

Vinyl Chloride

Concen: 19.918 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063462.D

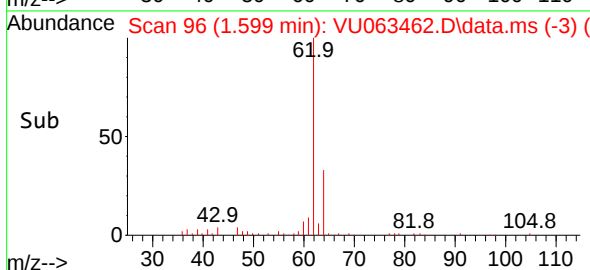
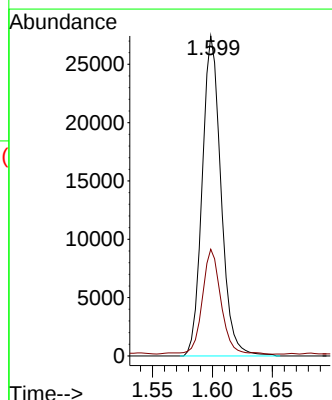
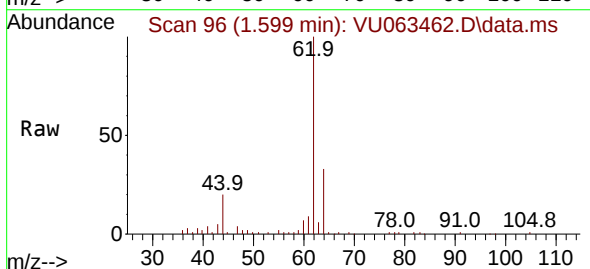
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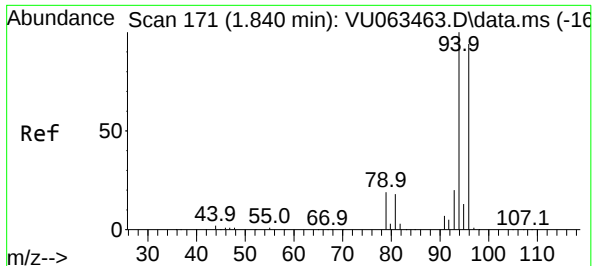
Tgt Ion: 62 Resp: 29966

Ion Ratio Lower Upper

62 100

64 32.7 26.9 40.3

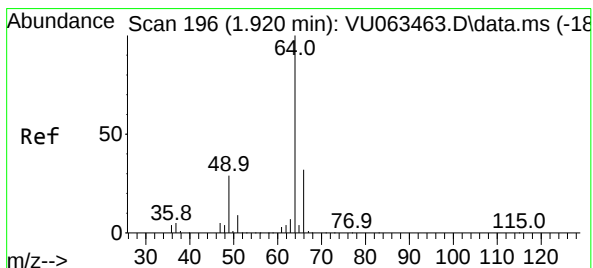
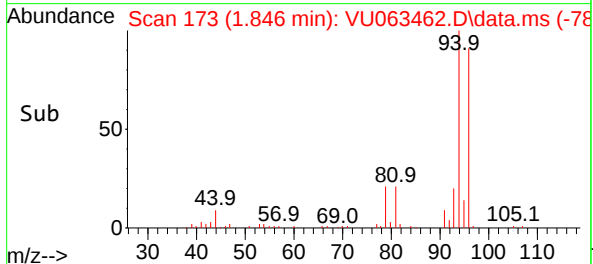
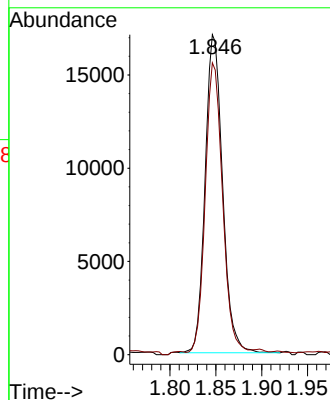
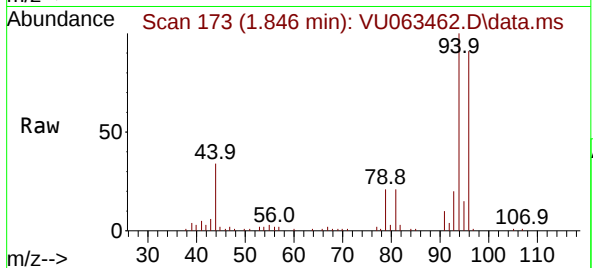




#5
Bromomethane
Concen: 21.429 ug/l
RT: 1.846 min Scan# 171
Delta R.T. 0.006 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

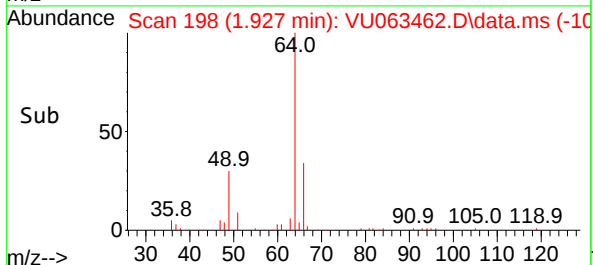
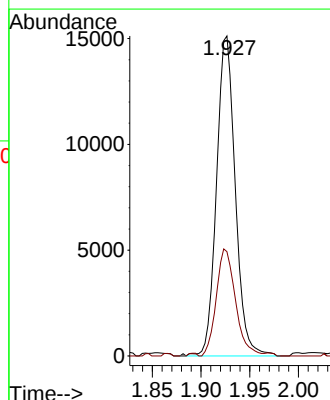
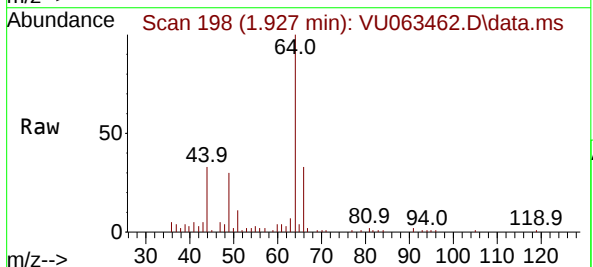
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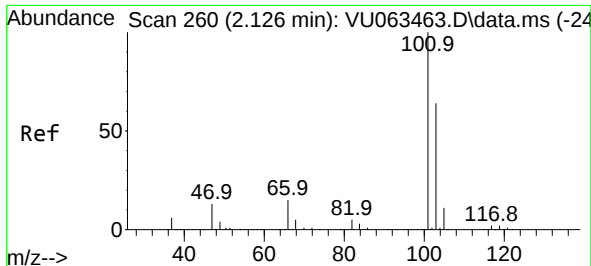
Tgt Ion: 94 Resp: 22588
Ion Ratio Lower Upper
94 100
96 90.7 75.5 113.3



#6
Chloroethane
Concen: 22.141 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.007 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 64 Resp: 20270
Ion Ratio Lower Upper
64 100
66 32.6 25.3 37.9

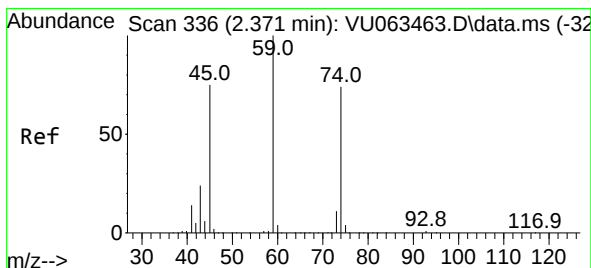
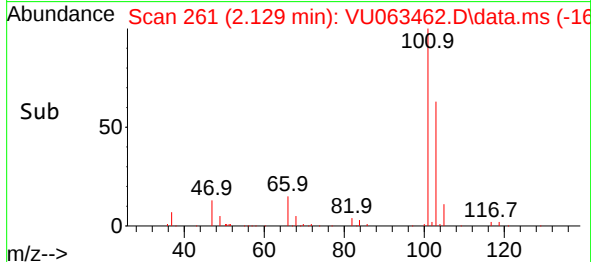
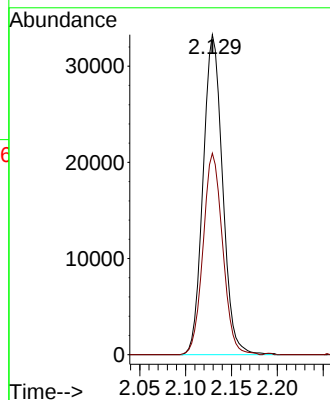
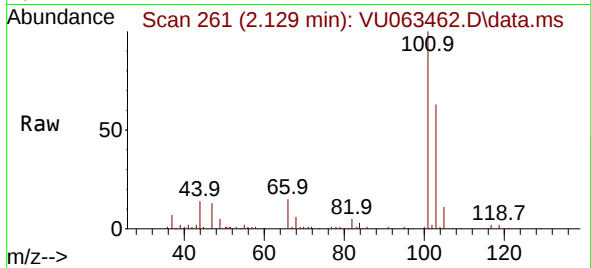




#7
Trichlorofluoromethane
Concen: 20.284 ug/l
RT: 2.129 min Scan# 260
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

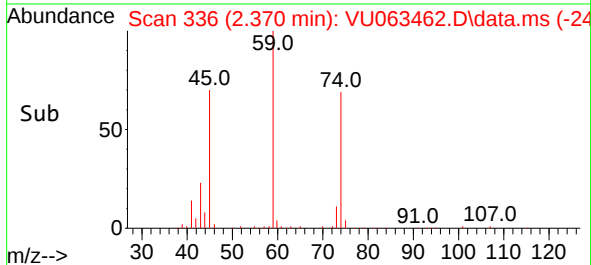
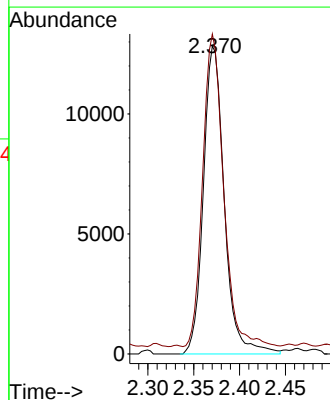
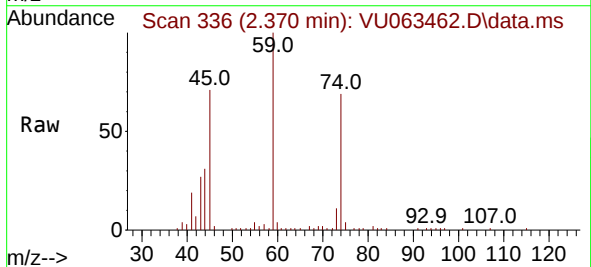
Instrument :
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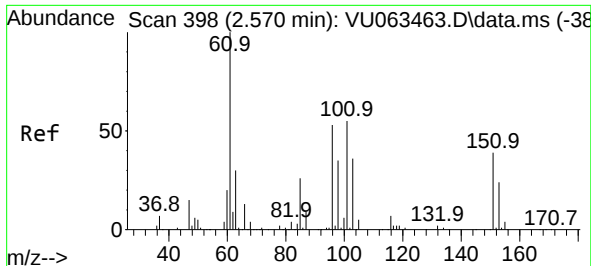
Tgt Ion:101 Resp: 49232
Ion Ratio Lower Upper
101 100
103 63.0 51.1 76.7



#8
Diethyl Ether
Concen: 20.128 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 74 Resp: 20360
Ion Ratio Lower Upper
74 100
45 100.8 49.7 149.1

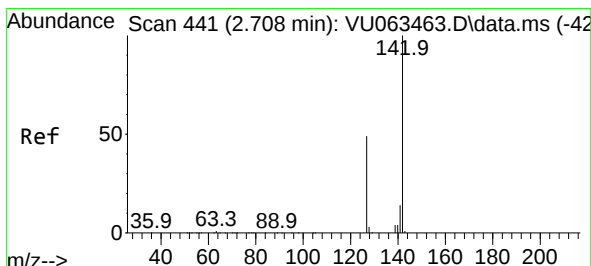
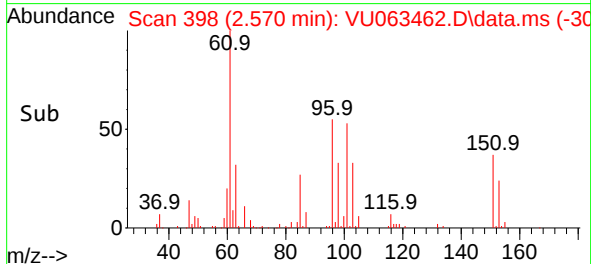
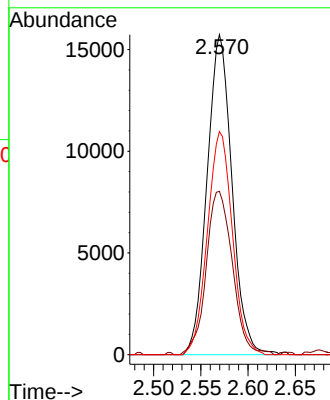
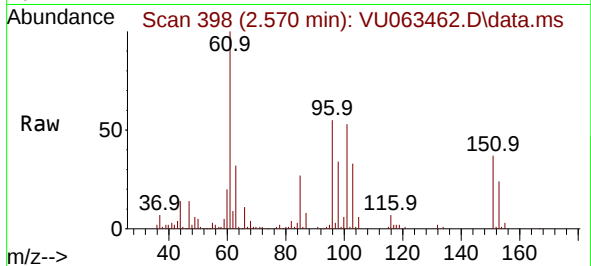




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.083 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

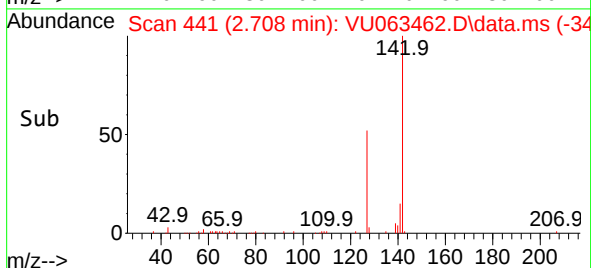
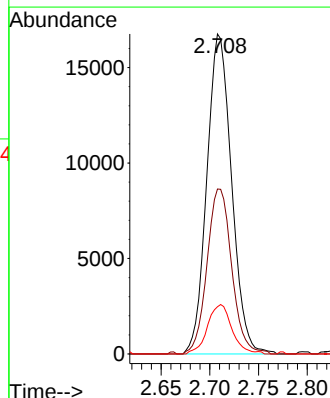
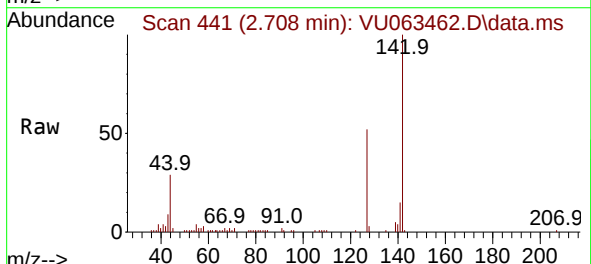
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

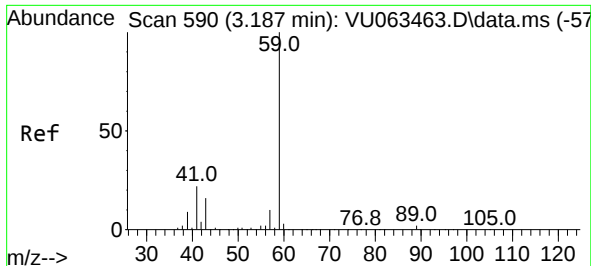
Tgt Ion:101 Resp: 28831
Ion Ratio Lower Upper
101 100
85 53.8 39.6 59.4
151 69.9 57.2 85.8



#10
Methyl Iodide
Concen: 19.774 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:142 Resp: 29652
Ion Ratio Lower Upper
142 100
127 51.4 38.2 57.4
141 15.3 11.1 16.7

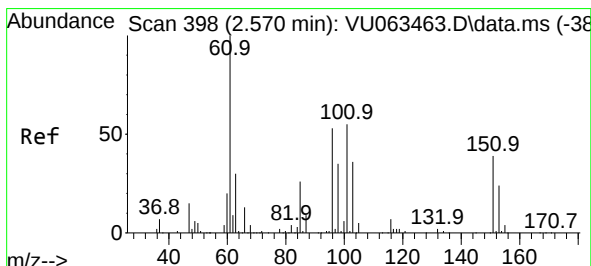
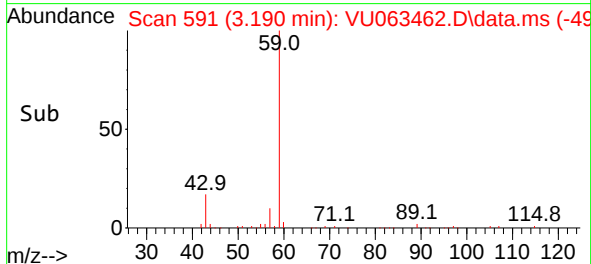
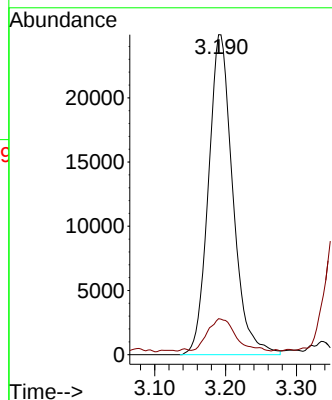
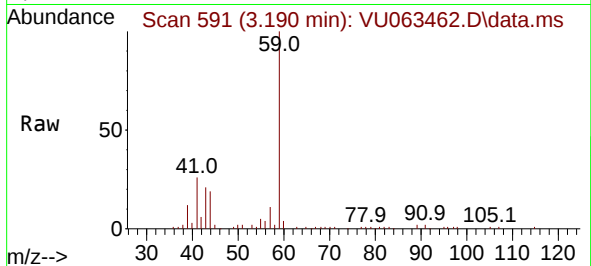




#11
Tert butyl alcohol
Concen: 99.360 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

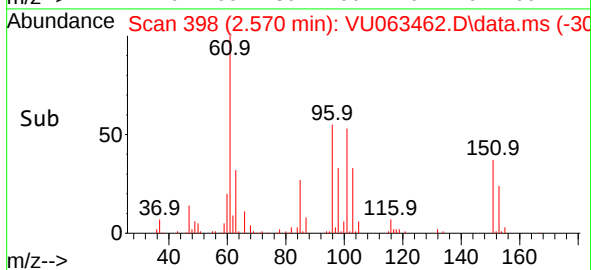
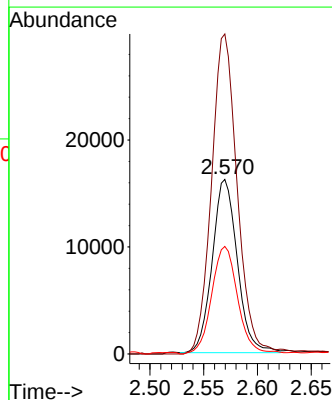
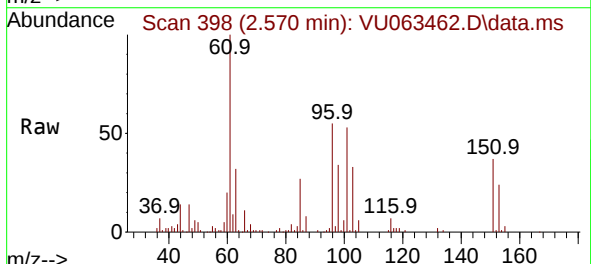
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

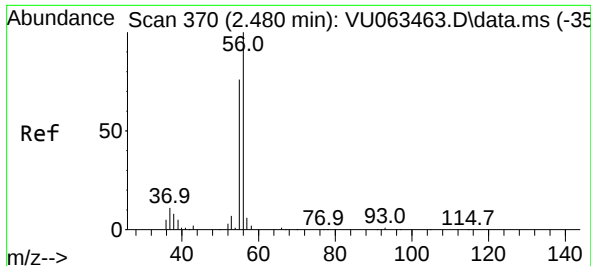
Tgt Ion: 59 Resp: 59535
Ion Ratio Lower Upper
59 100
57 11.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 19.511 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 96 Resp: 26348
Ion Ratio Lower Upper
96 100
61 184.5 149.6 224.4
98 62.0 52.0 78.0

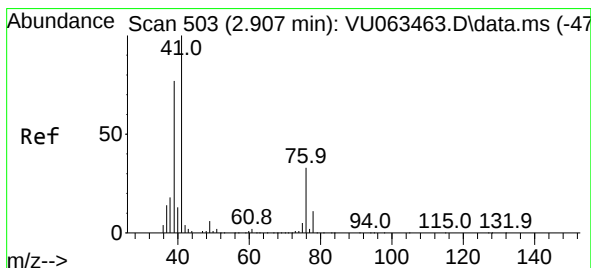
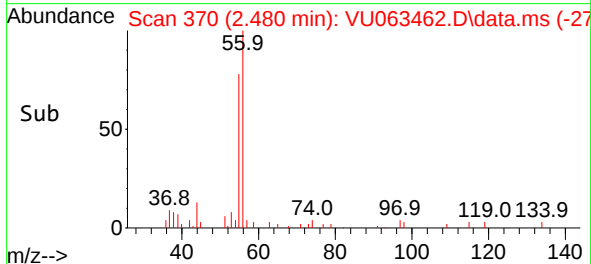
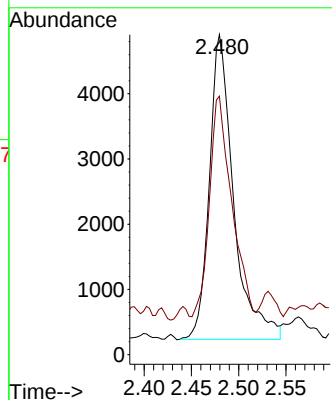
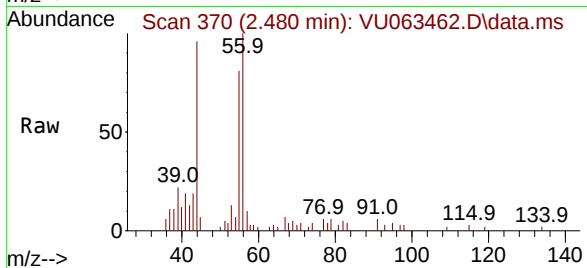




#13
Acrolein
Concen: 98.564 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

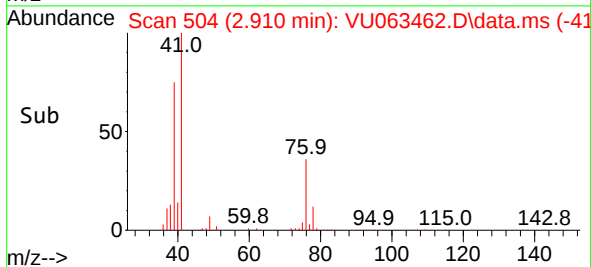
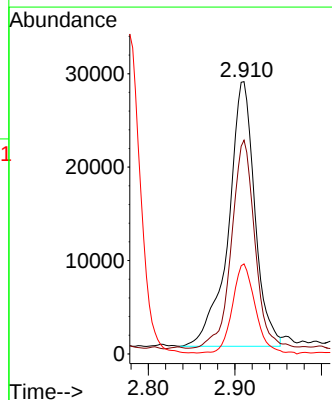
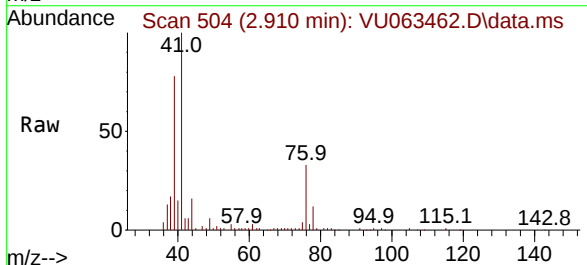
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

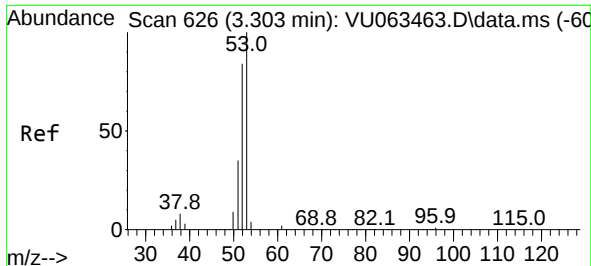
Tgt Ion: 56 Resp: 8336
Ion Ratio Lower Upper
56 100
55 66.9 60.2 90.2



#14
Allyl chloride
Concen: 18.439 ug/l
RT: 2.910 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 41 Resp: 60139
Ion Ratio Lower Upper
41 100
39 69.4 53.9 80.9
76 28.8 23.1 34.7

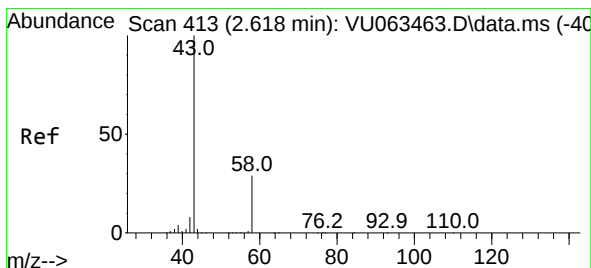
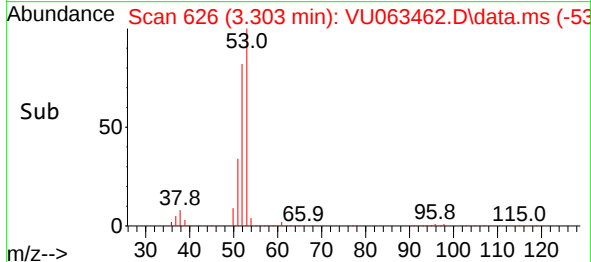
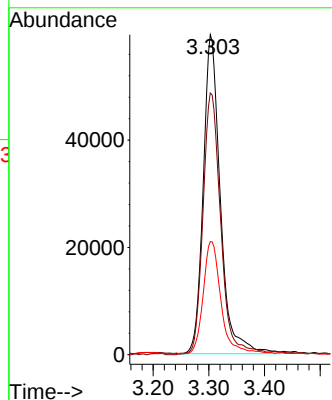
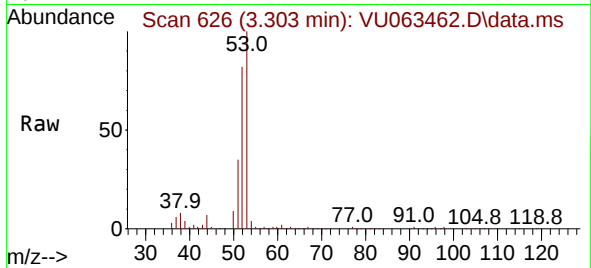




#15
Acrylonitrile
Concen: 99.254 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

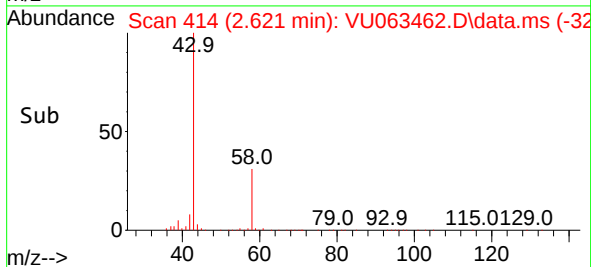
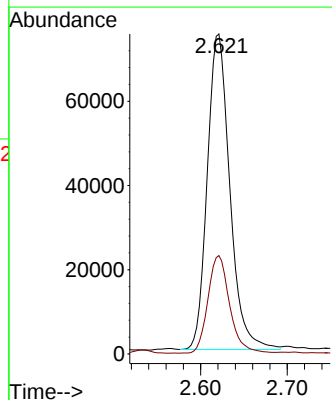
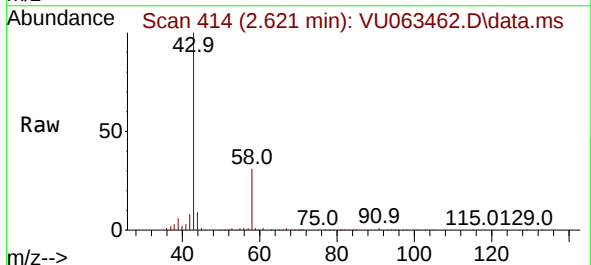
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

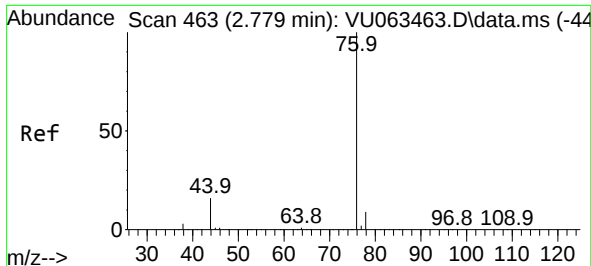
Tgt Ion: 53 Resp: 127388
Ion Ratio Lower Upper
53 100
52 84.8 65.0 97.4
51 36.2 28.8 43.2



#16
Acetone
Concen: 90.348 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 43 Resp: 135442
Ion Ratio Lower Upper
43 100
58 30.9 23.1 34.7

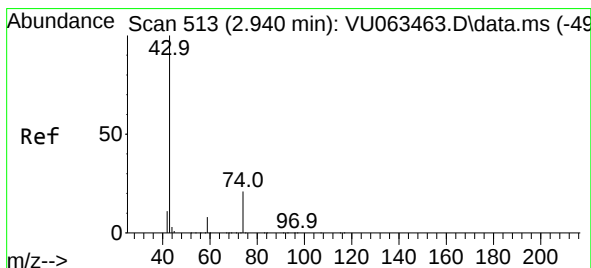
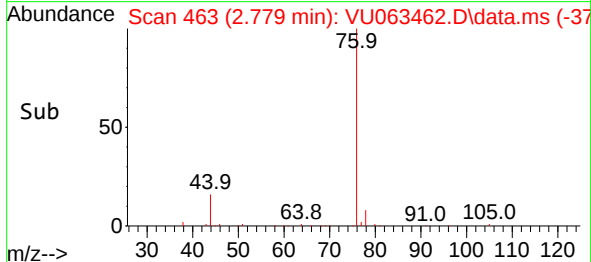
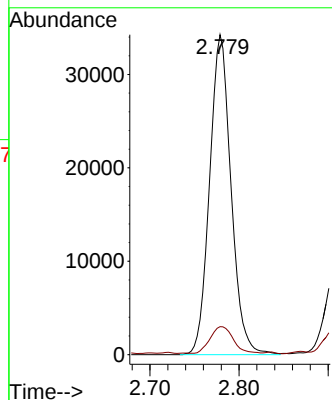
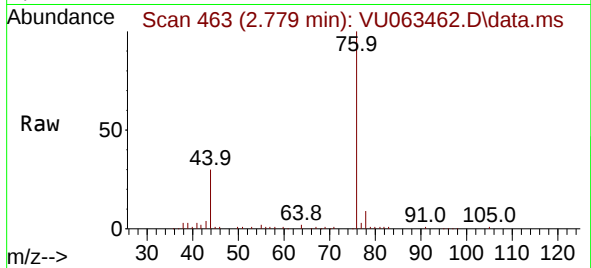




#17
Carbon Disulfide
Concen: 21.537 ug/l
RT: 2.779 min Scan# 41
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

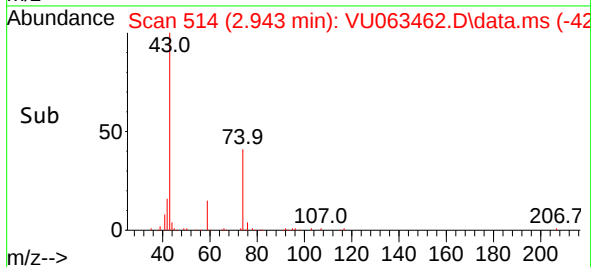
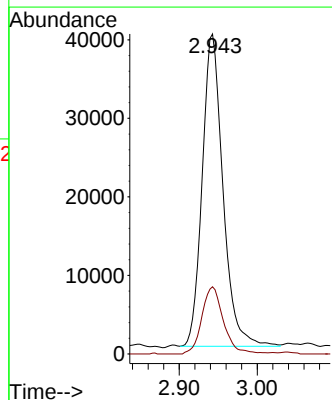
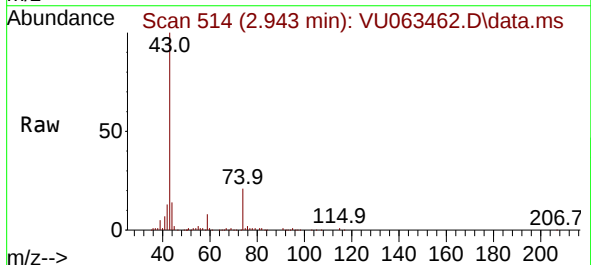
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

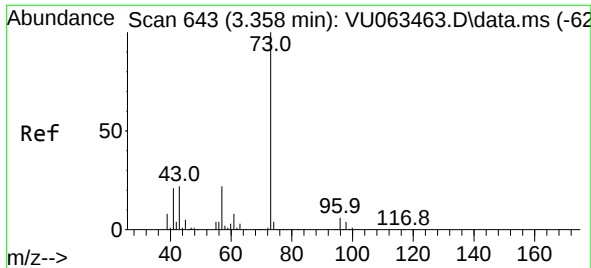
Tgt Ion: 76 Resp: 57215
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 18.738 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 43 Resp: 73558
Ion Ratio Lower Upper
43 100
74 22.4 17.3 25.9

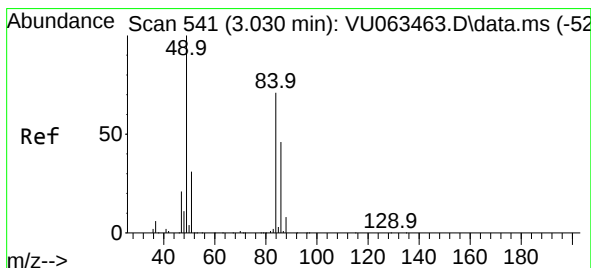
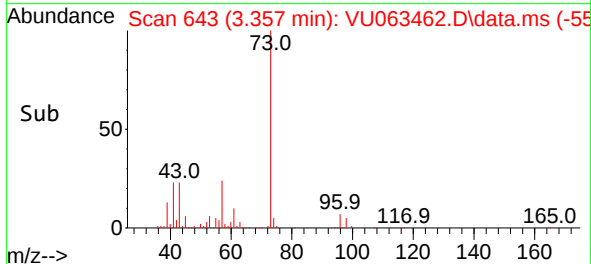
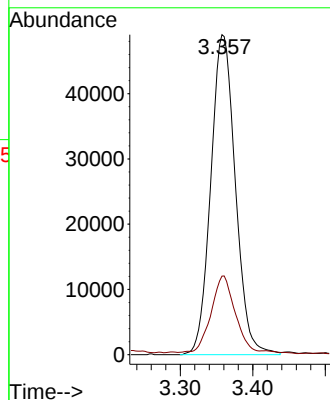
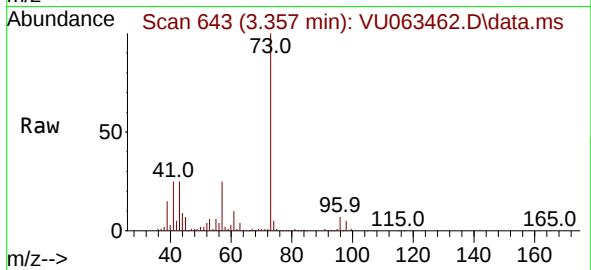




#19
Methyl tert-butyl Ether
Concen: 20.033 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

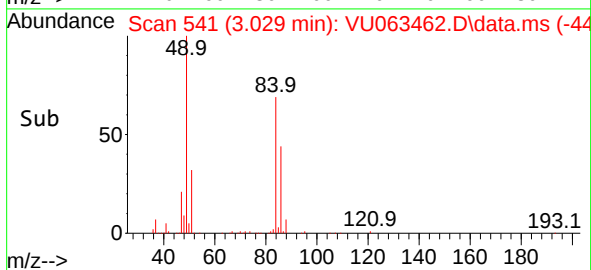
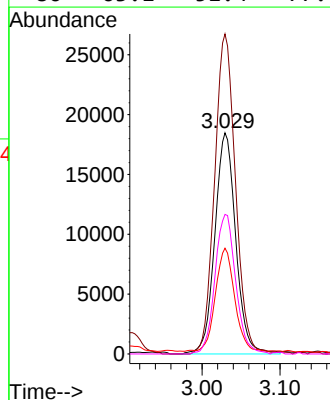
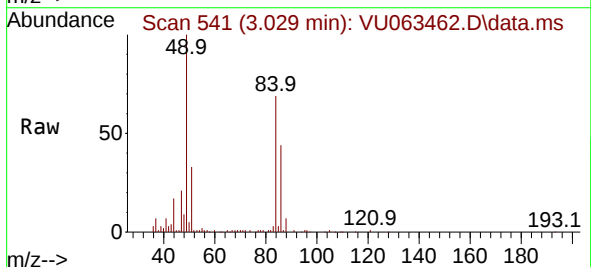
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

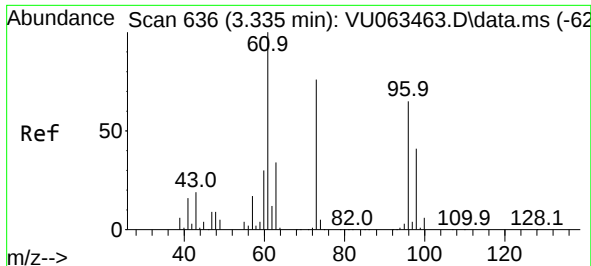
Tgt Ion: 73 Resp: 115459
Ion Ratio Lower Upper
73 100
57 23.9 17.8 26.6



#20
Methylene Chloride
Concen: 19.299 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 84 Resp: 34647
Ion Ratio Lower Upper
84 100
49 144.7 112.1 168.1
51 46.5 34.4 51.6
86 63.1 51.4 77.0

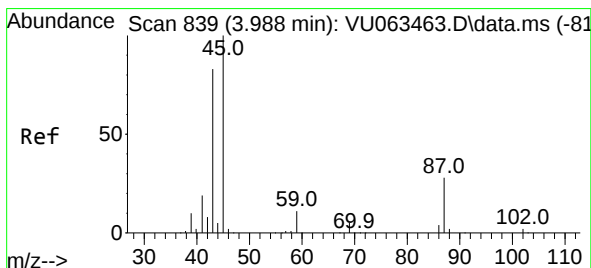
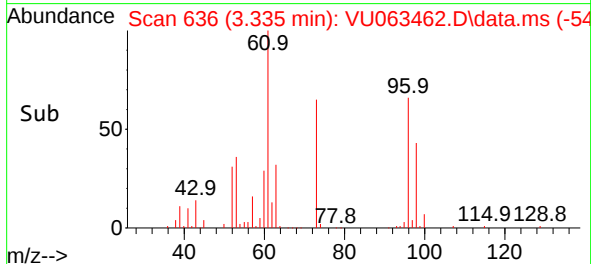
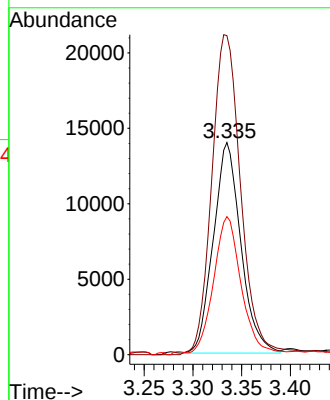
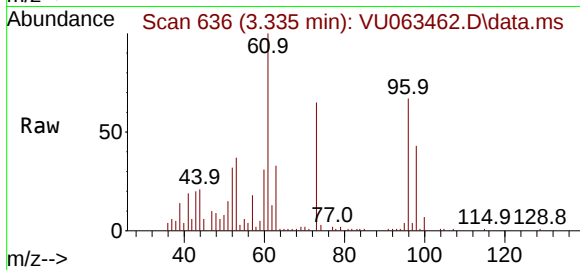




#21
trans-1,2-Dichloroethene
Concen: 21.475 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

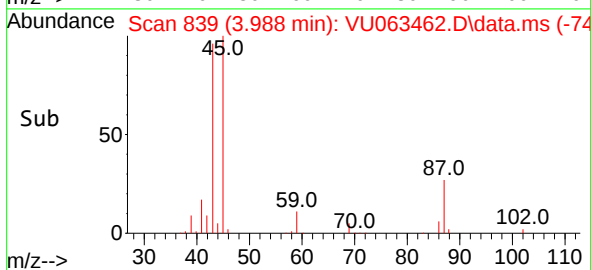
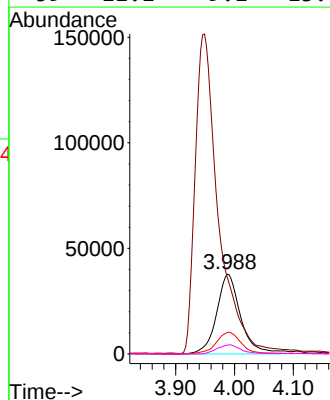
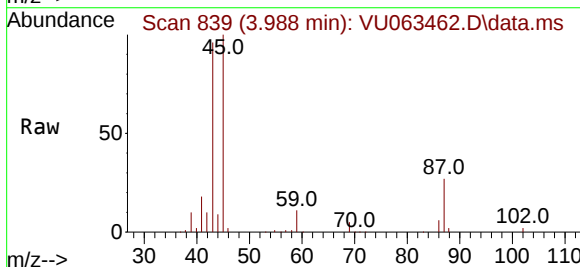
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

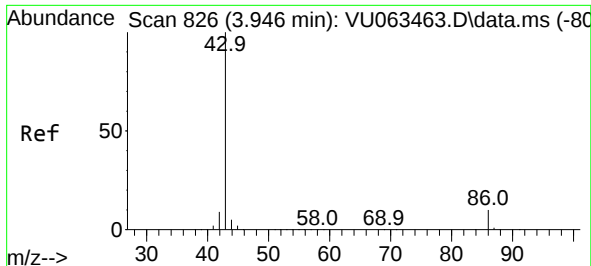
Tgt Ion: 96 Resp: 27391
Ion Ratio Lower Upper
96 100
61 151.5 122.2 183.4
98 64.3 49.9 74.9



#22
Diisopropyl ether
Concen: 19.680 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 45 Resp: 106591
Ion Ratio Lower Upper
45 100
43 95.5 66.5 99.7
87 27.0 22.6 33.8
59 11.1 9.1 13.7

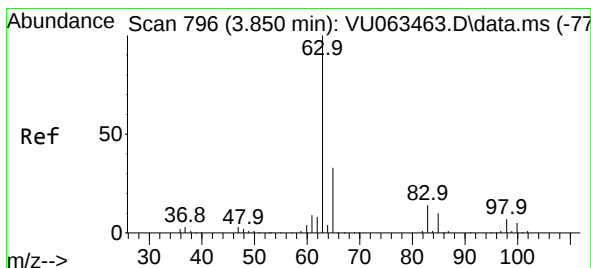
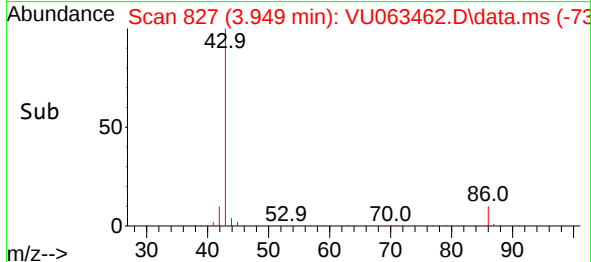
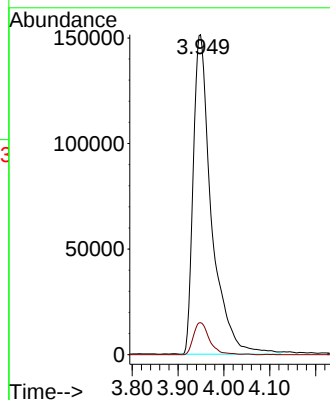
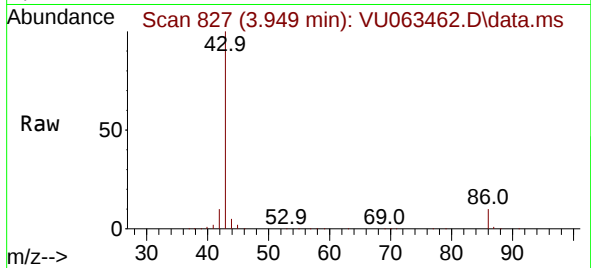




#23
 Vinyl Acetate
 Concen: 99.635 ug/l
 RT: 3.949 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

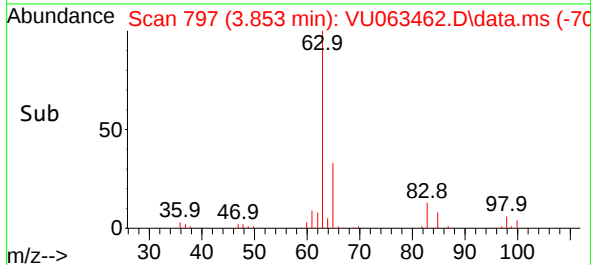
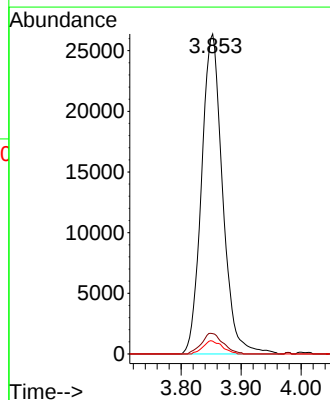
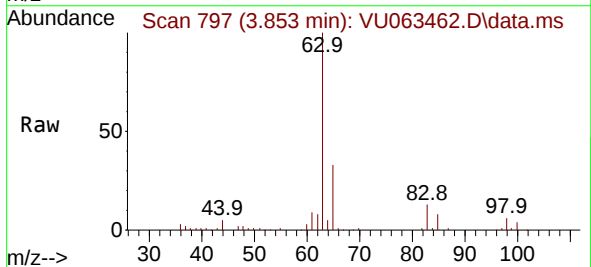
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC020

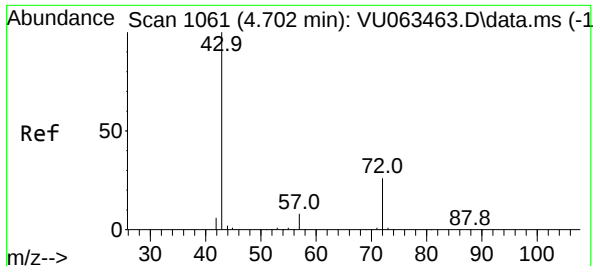
Tgt Ion: 43 Resp: 418727
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.965 ug/l
 RT: 3.853 min Scan# 797
 Delta R.T. 0.003 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

Tgt Ion: 63 Resp: 64444
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 96.686 ug/l

RT: 4.705 min Scan# 1062

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

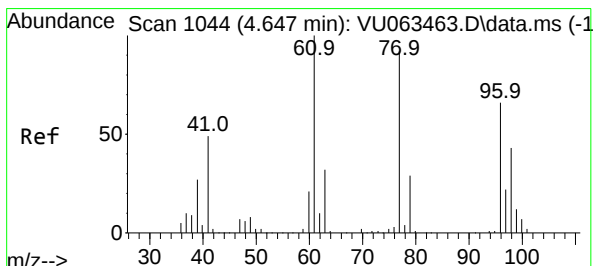
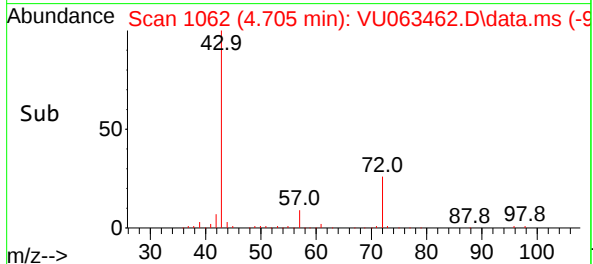
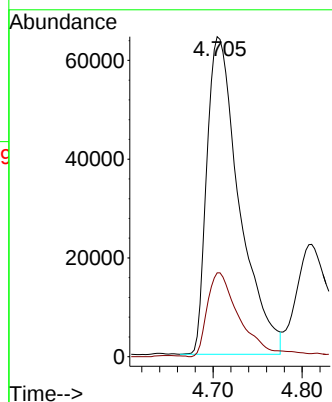
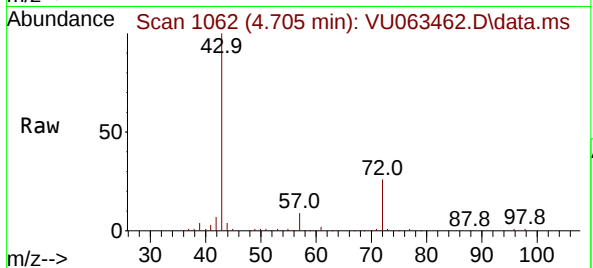
VSTDICC020

Tgt Ion: 43 Resp: 162713

Ion Ratio Lower Upper

43 100

72 26.2 20.7 31.1



#26

2,2-Dichloropropane

Concen: 19.780 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063462.D

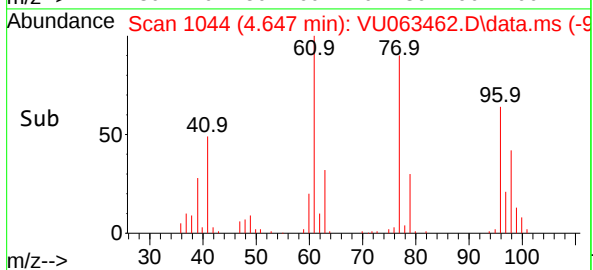
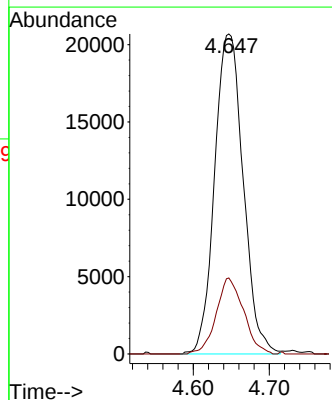
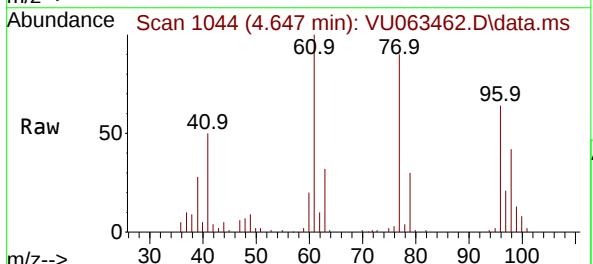
Acq: 08 Jul 2025 12:53

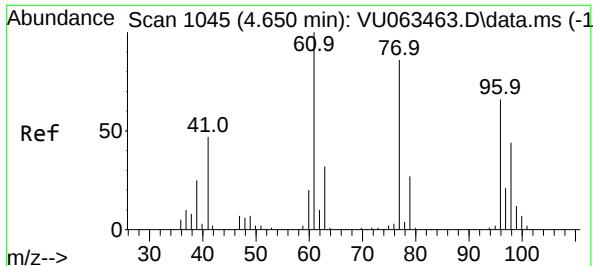
Tgt Ion: 77 Resp: 54004

Ion Ratio Lower Upper

77 100

97 22.8 11.8 35.3

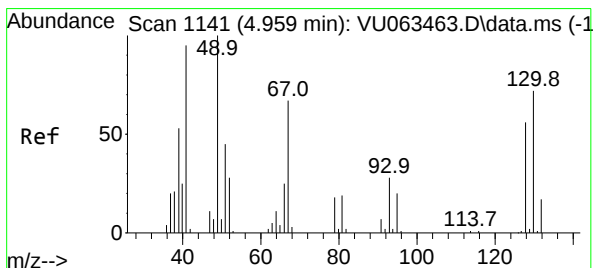
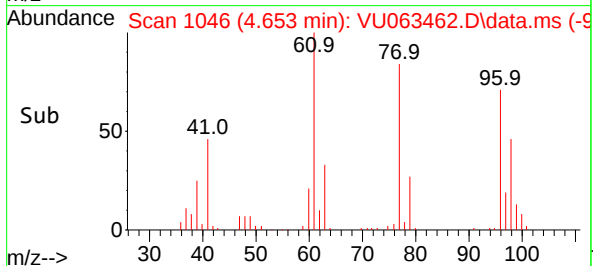
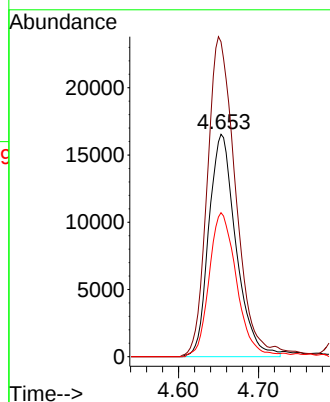
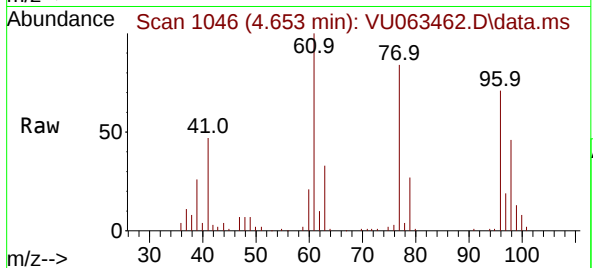




#27
 cis-1,2-Dichloroethene
 Concen: 20.616 ug/l
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.003 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

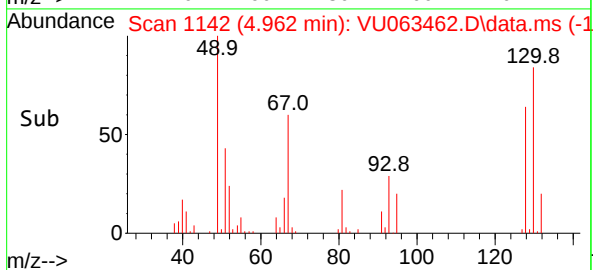
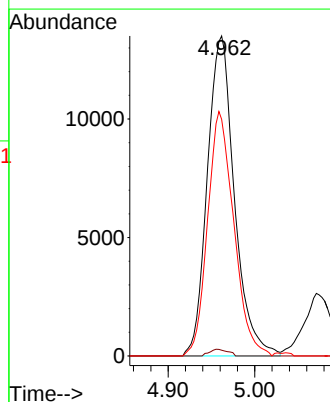
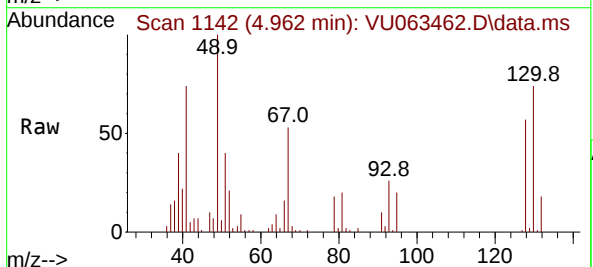
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

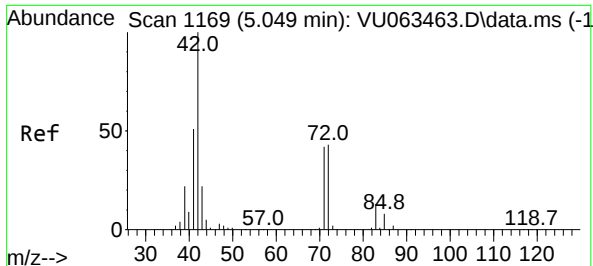
Tgt Ion: 96	Resp: 39068
Ion Ratio	Lower Upper
96 100	
61 147.9	0.0 307.2
98 65.0	0.0 133.0



#28
 Bromochloromethane
 Concen: 20.338 ug/l
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.003 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

Tgt Ion: 49	Resp: 29367
Ion Ratio	Lower Upper
49 100	
129 1.4	0.0 3.8
130 73.9	59.0 88.4

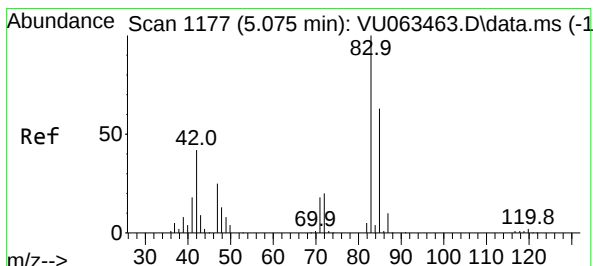
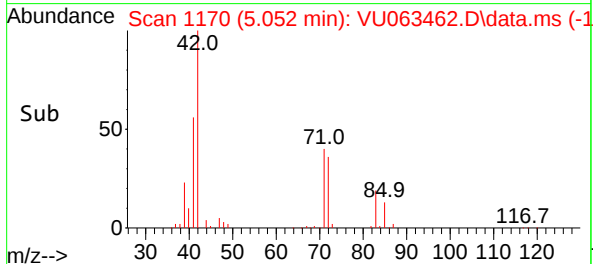
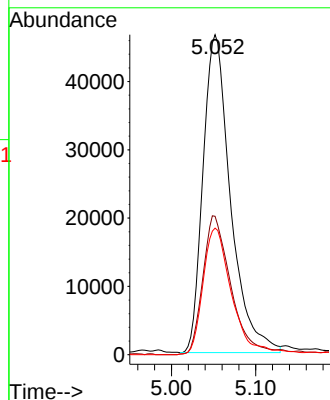
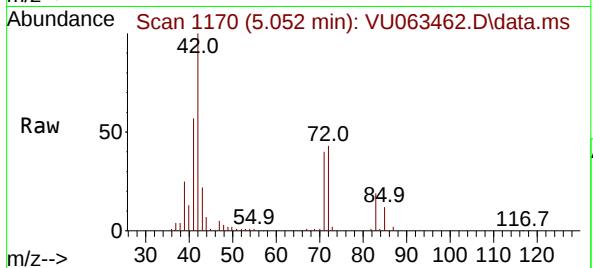




#29
Tetrahydrofuran
Concen: 94.870 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

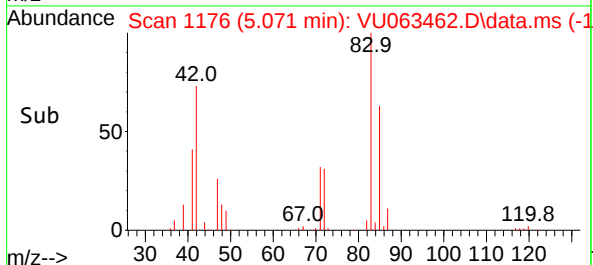
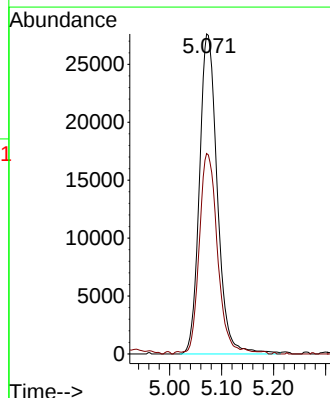
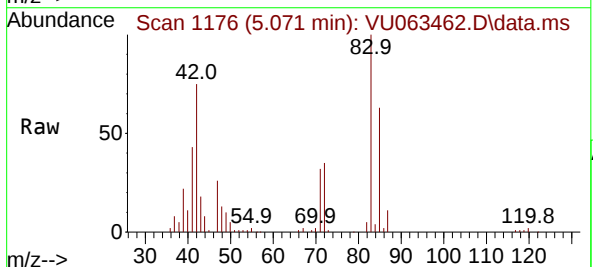
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

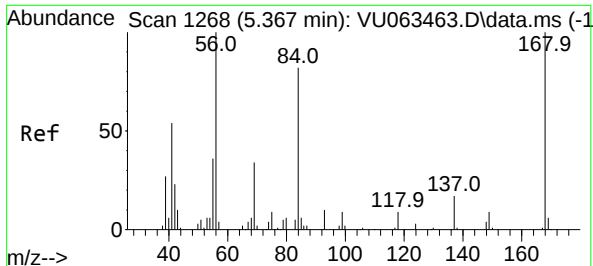
Tgt Ion: 42 Resp: 105792
Ion Ratio Lower Upper
42 100
72 44.2 36.2 54.4
71 41.7 33.3 49.9



#30
Chloroform
Concen: 20.372 ug/l
RT: 5.071 min Scan# 1176
Delta R.T. -0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 83 Resp: 66115
Ion Ratio Lower Upper
83 100
85 62.7 50.7 76.1

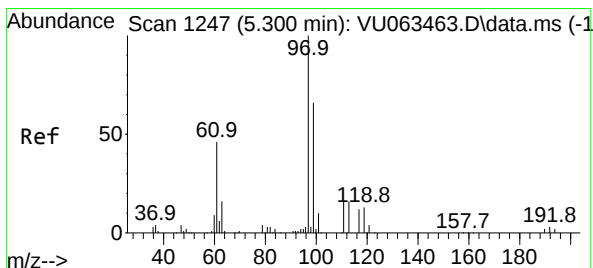
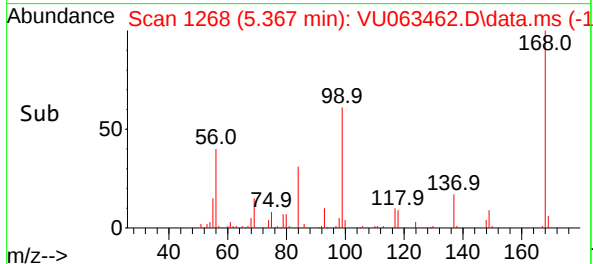
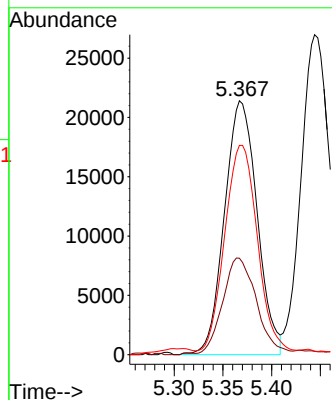
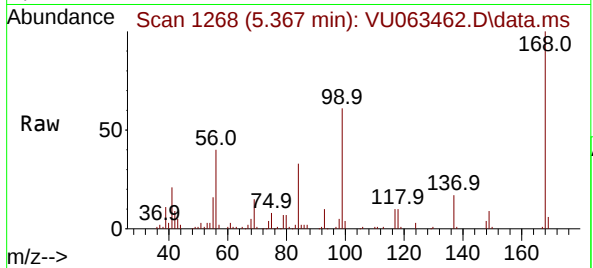




#31
Cyclohexane
Concen: 20.156 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

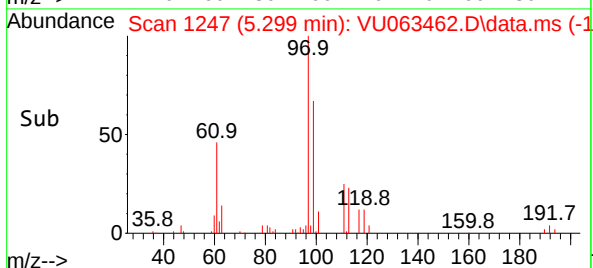
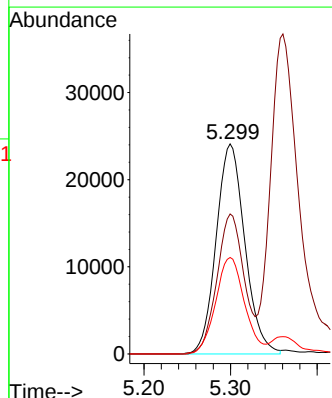
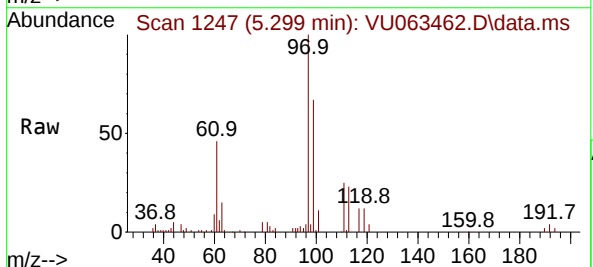
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

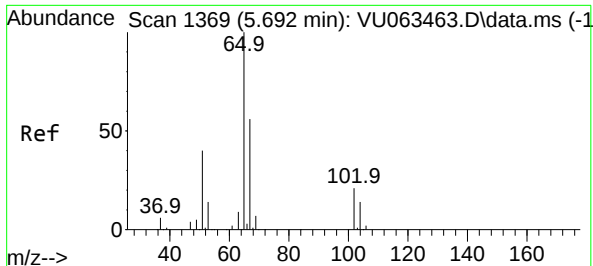
Tgt Ion: 56 Resp: 49876
Ion Ratio Lower Upper
56 100
69 38.0 27.0 40.4
84 80.1 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 20.088 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 97 Resp: 55509
Ion Ratio Lower Upper
97 100
99 62.7 50.4 75.6
61 46.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 20.655 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

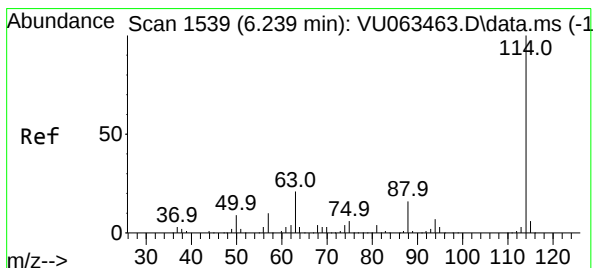
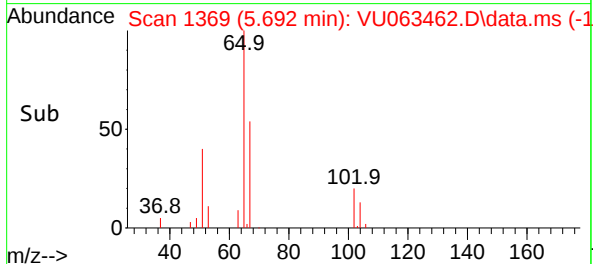
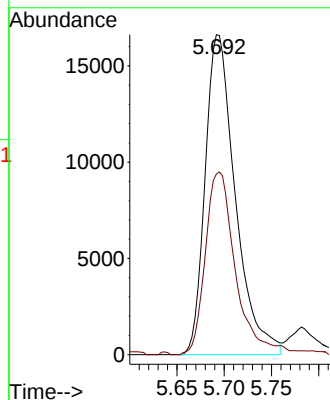
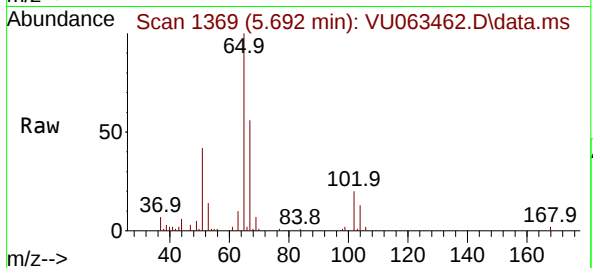
VSTDIC020

Tgt Ion: 65 Resp: 36913

Ion Ratio Lower Upper

65 100

67 58.1 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

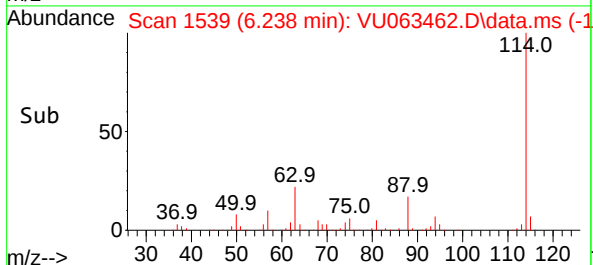
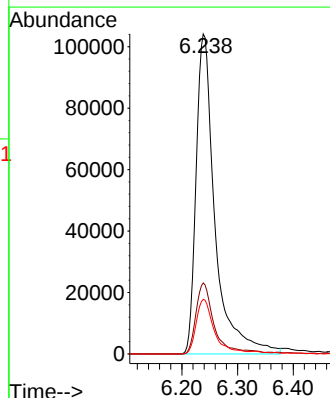
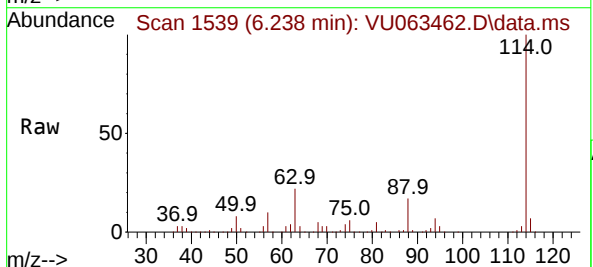
Tgt Ion: 114 Resp: 246301

Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 17.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 21.061 ug/l

RT: 5.280 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

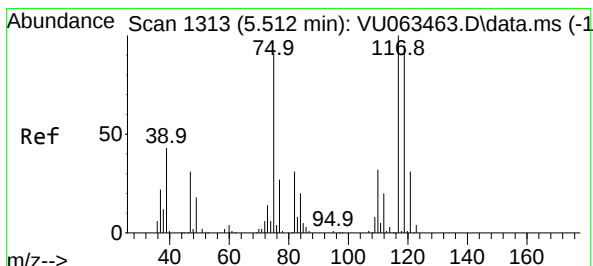
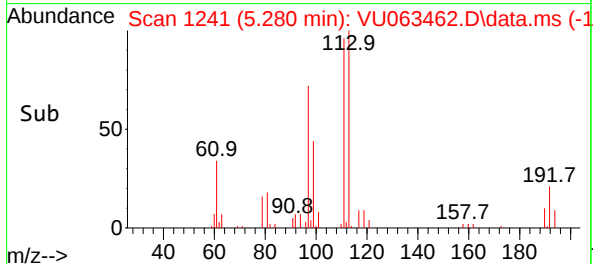
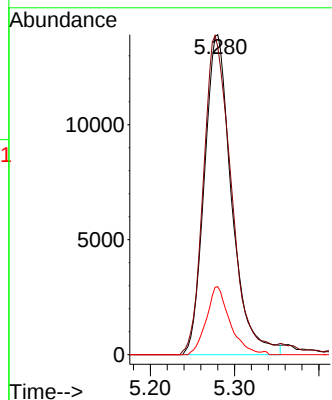
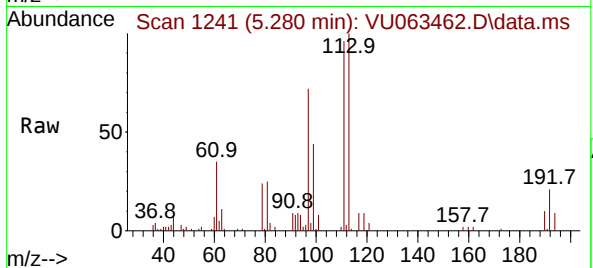
Tgt Ion:113 Resp: 31268

Ion Ratio Lower Upper

113 100

111 102.0 82.1 123.1

192 18.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 19.885 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

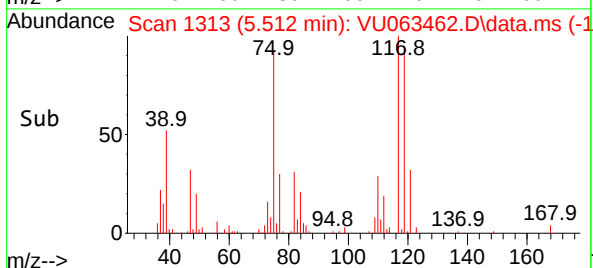
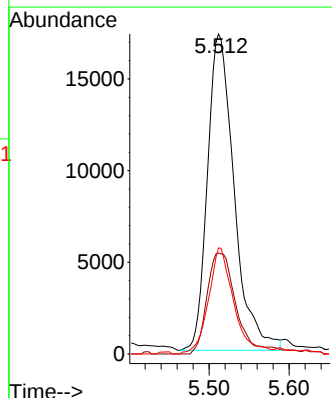
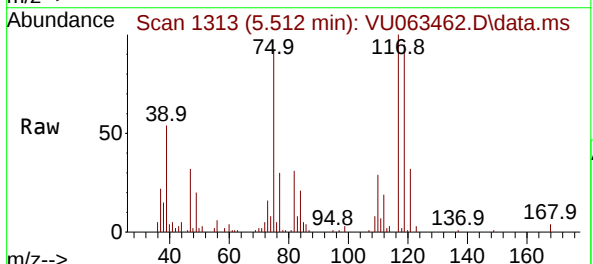
Tgt Ion: 75 Resp: 40114

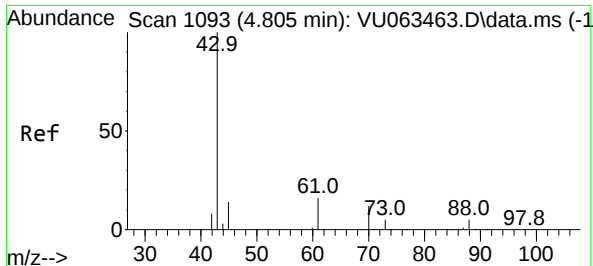
Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

77 31.8 23.9 35.9





#37

Ethyl Acetate

Concen: 18.673 ug/l

RT: 4.811 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

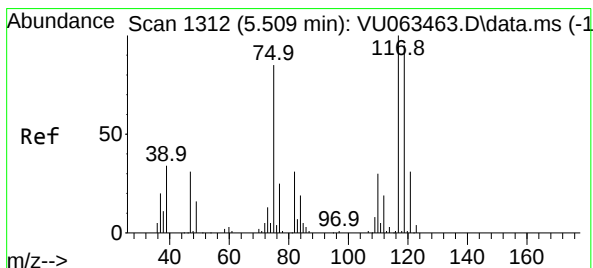
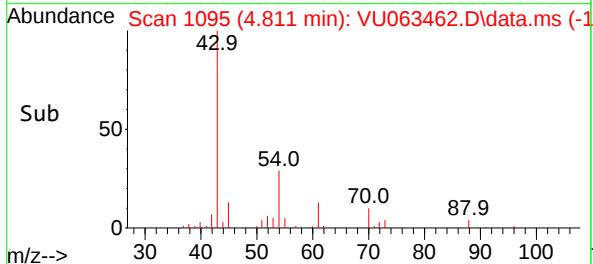
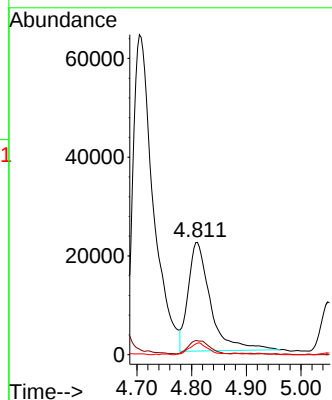
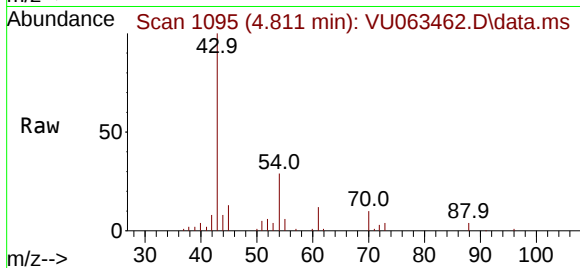
Tgt Ion: 43 Resp: 62247

Ion Ratio Lower Upper

43 100

61 11.3 10.4 15.6

70 9.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.393 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

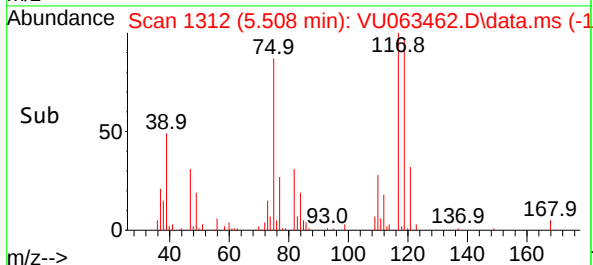
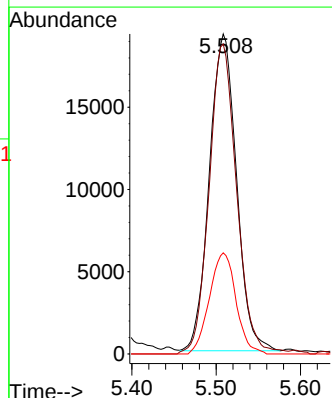
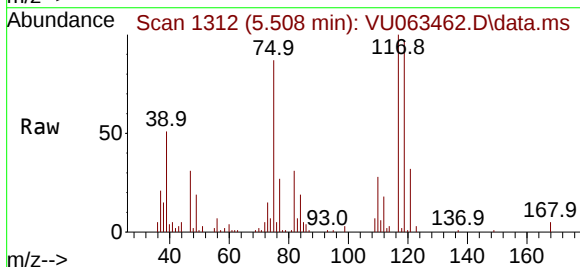
Tgt Ion: 117 Resp: 43105

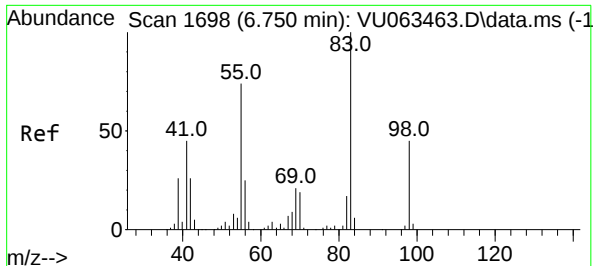
Ion Ratio Lower Upper

117 100

119 97.2 76.1 114.1

121 31.9 25.0 37.4





#39

Methylcyclohexane

Concen: 18.680 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

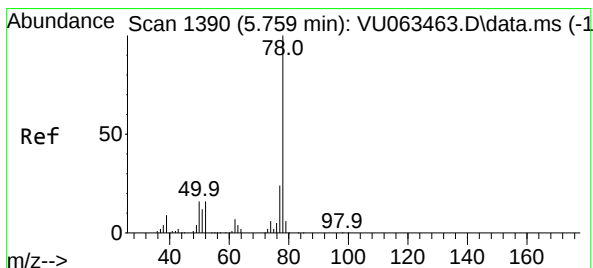
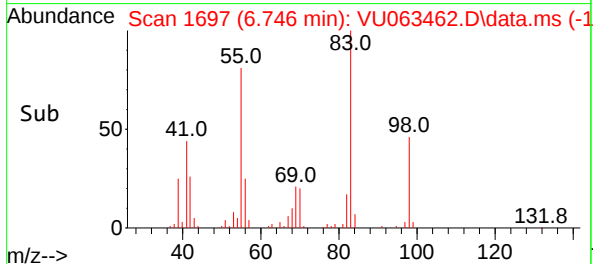
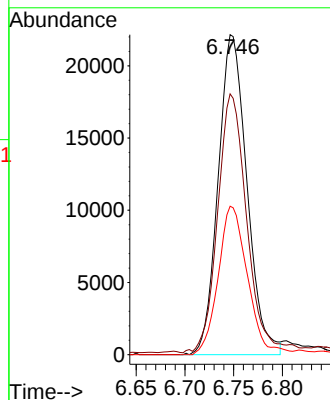
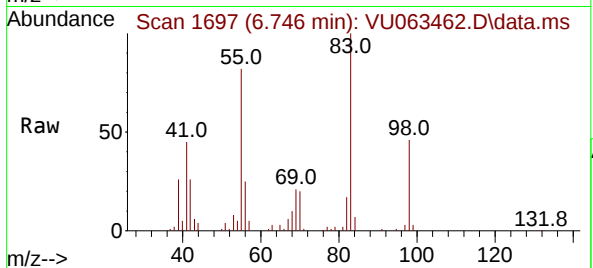
Tgt Ion: 83 Resp: 45532

Ion Ratio Lower Upper

83 100

55 80.8 59.4 89.2

98 46.4 36.2 54.4



#40

Benzene

Concen: 20.382 ug/l

RT: 5.762 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063462.D

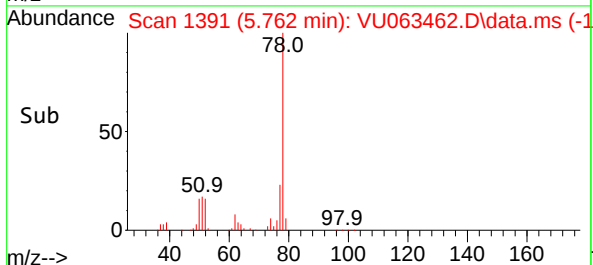
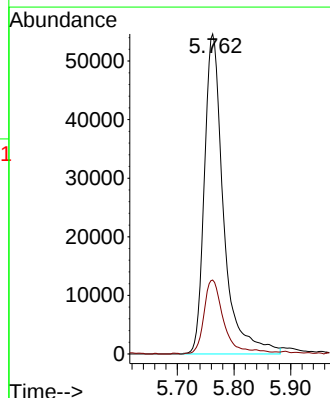
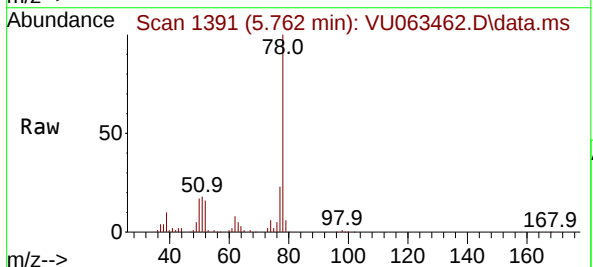
Acq: 08 Jul 2025 12:53

Tgt Ion: 78 Resp: 128411

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4

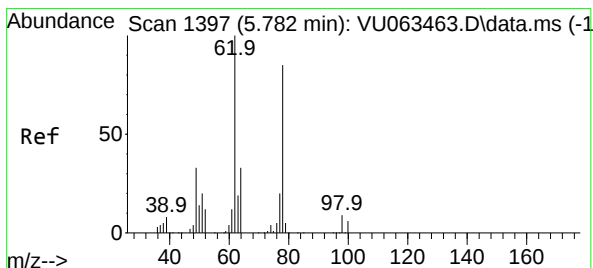
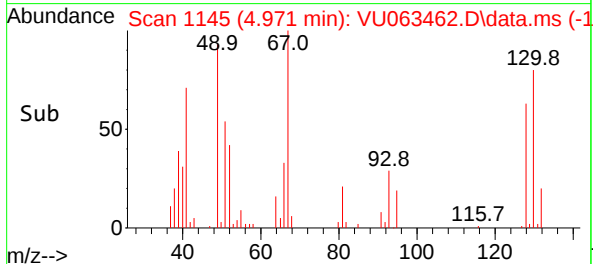
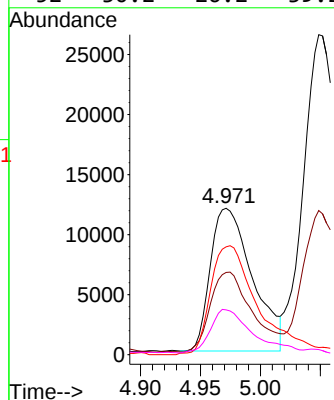
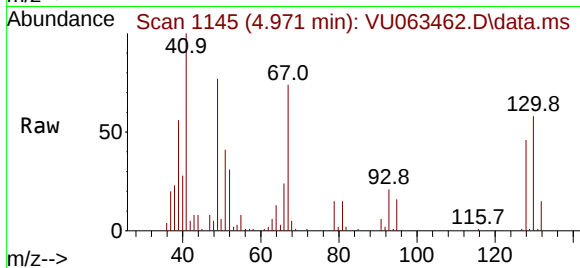




#41
Methacrylonitrile
Concen: 19.454 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

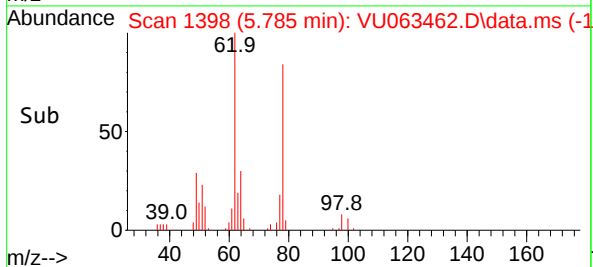
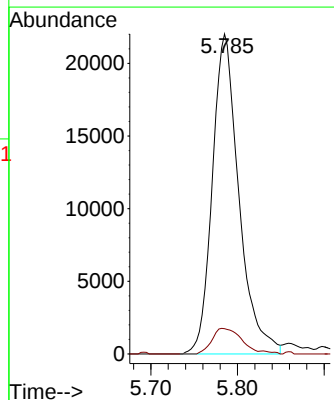
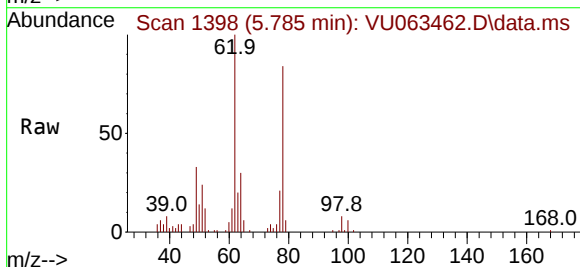
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

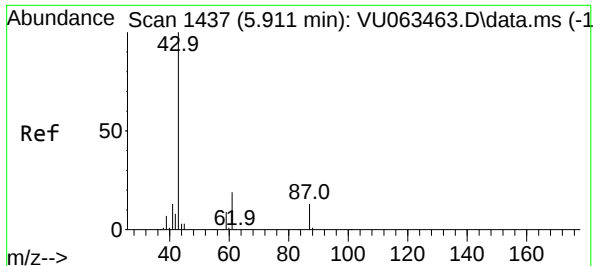
Tgt Ion: 41	Resp: 29093
Ion Ratio	Lower Upper
41 100	
39 56.4	43.6 65.4
67 89.4	62.8 94.2
52 30.2	26.2 39.2



#42
1,2-Dichloroethane
Concen: 19.822 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 62	Resp: 46959
Ion Ratio	Lower Upper
62 100	
98 9.1	0.0 17.6

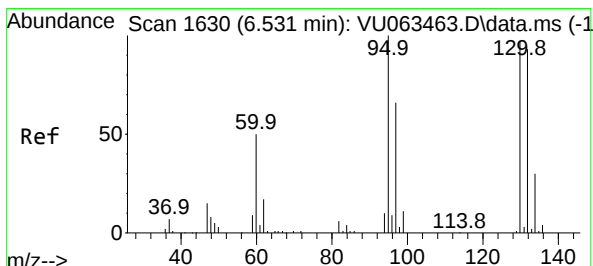
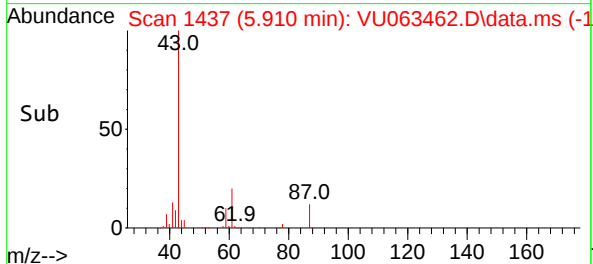
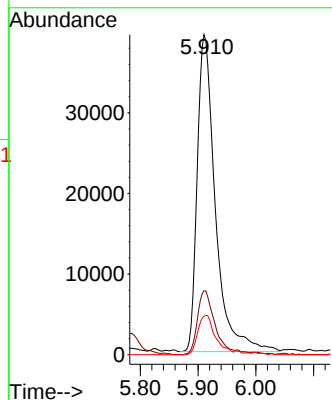
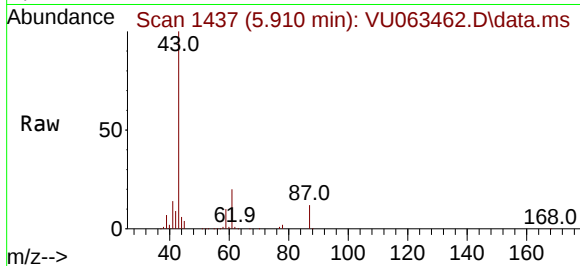




#43
Isopropyl Acetate
Concen: 19.823 ug/l
RT: 5.910 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

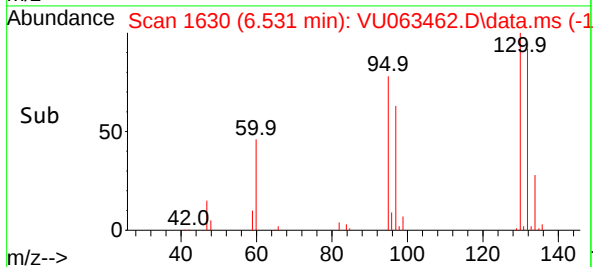
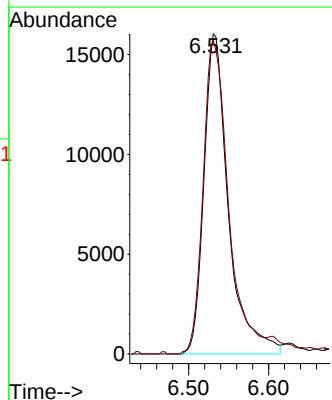
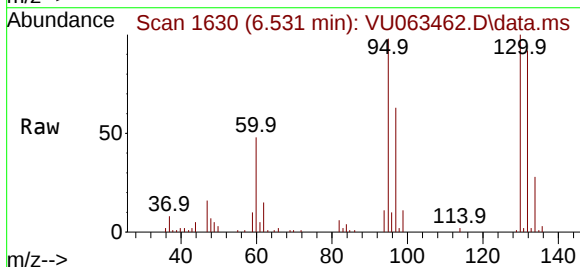
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

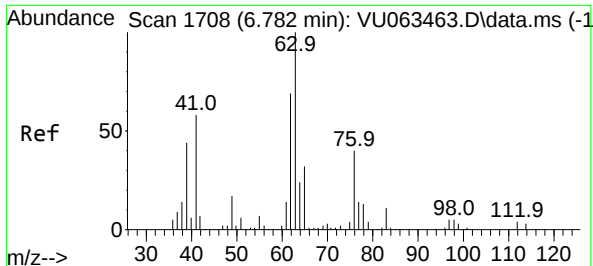
Tgt Ion: 43 Resp: 86022
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.2
87 11.9 10.5 15.7



#44
Trichloroethene
Concen: 20.215 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:130 Resp: 34083
Ion Ratio Lower Upper
130 100
95 97.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 20.663 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

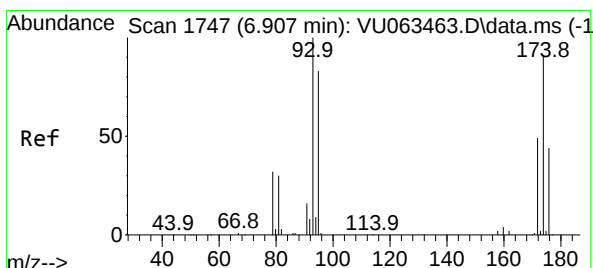
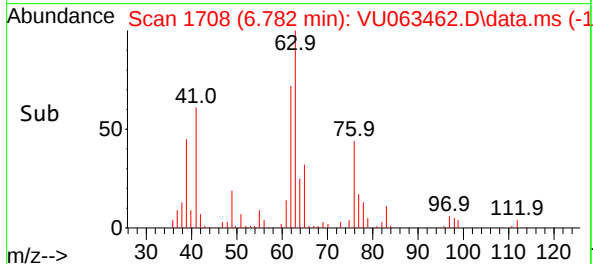
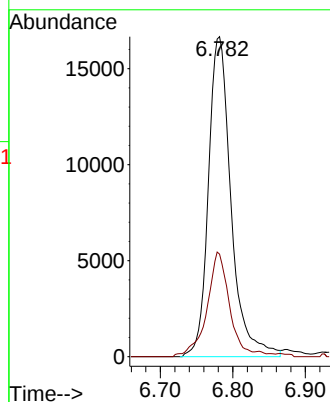
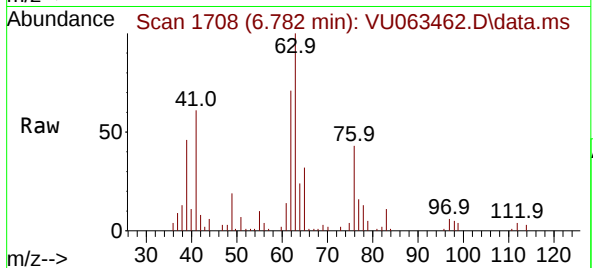
VSTDIC020

Tgt Ion: 63 Resp: 36190

Ion Ratio Lower Upper

63 100

65 31.1 25.3 37.9



#46

Dibromomethane

Concen: 21.007 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

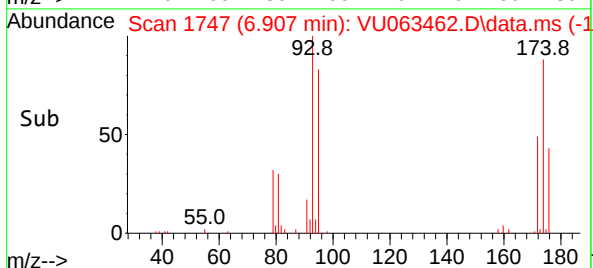
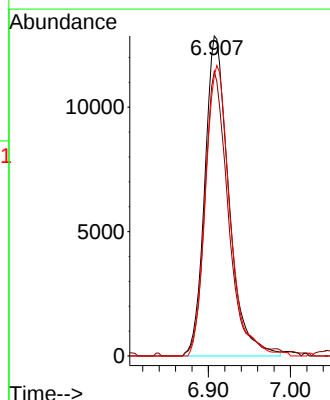
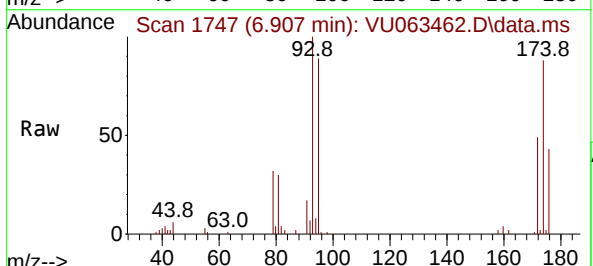
Tgt Ion: 93 Resp: 26177

Ion Ratio Lower Upper

93 100

95 87.7 67.5 101.3

174 92.4 73.1 109.7

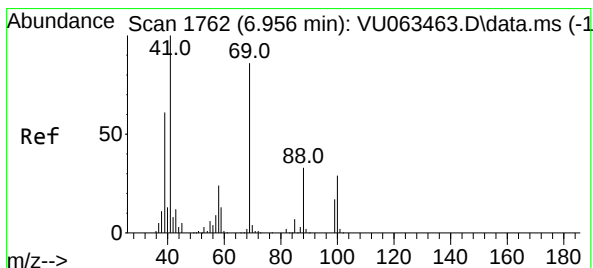
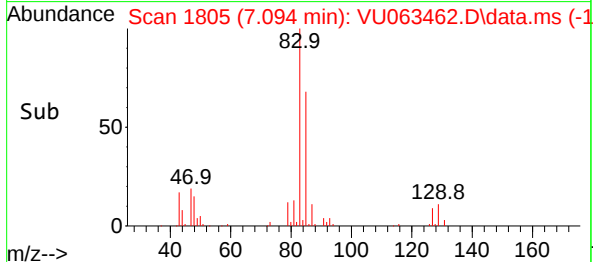
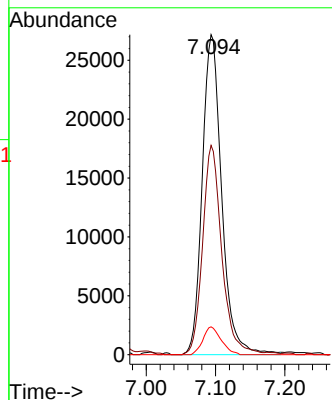
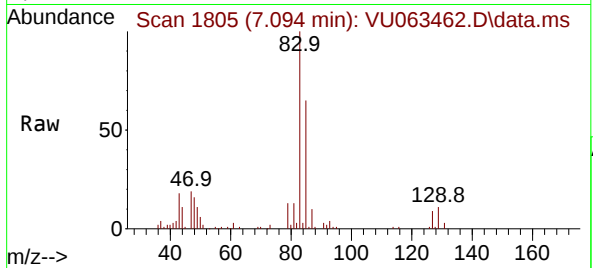




#47
Bromodichloromethane
Concen: 20.466 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

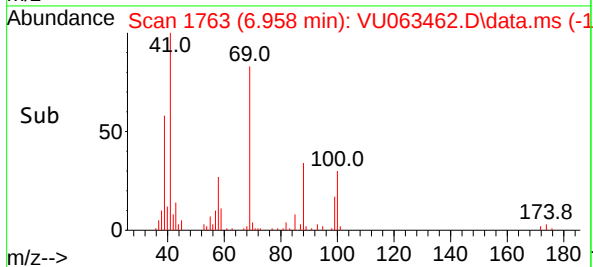
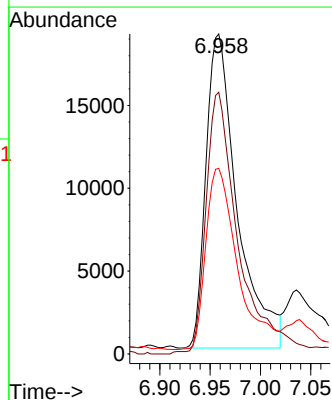
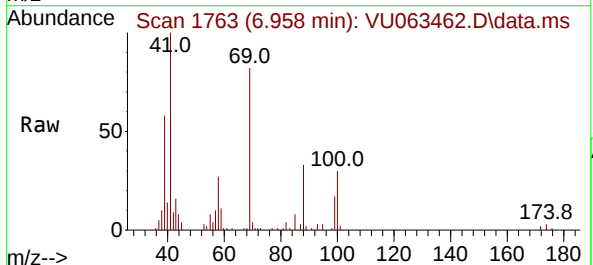
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

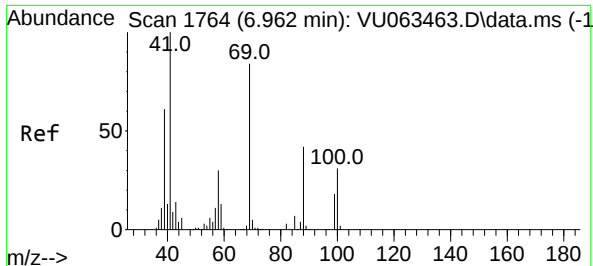
Tgt Ion:	83	Resp:	53029
Ion Ratio	Lower	Upper	
83	100		
85	65.4	51.4	77.0
127	8.7	7.0	10.4



#48
Methyl methacrylate
Concen: 20.477 ug/l
RT: 6.958 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:	41	Resp:	41071
Ion Ratio	Lower	Upper	
41	100		
69	86.3	69.8	104.8
39	58.0	48.3	72.5

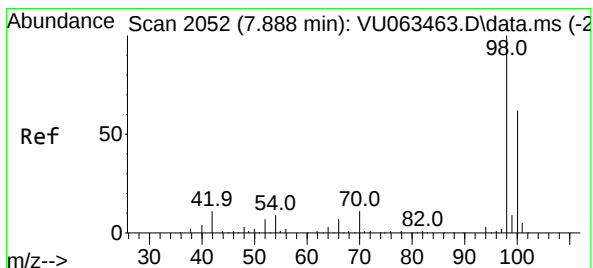
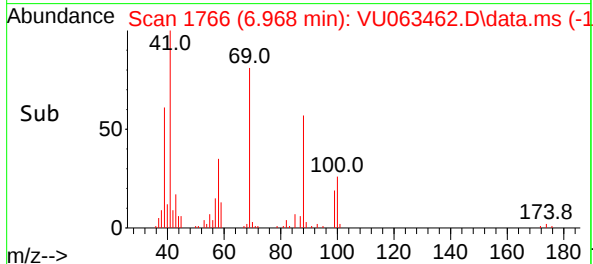
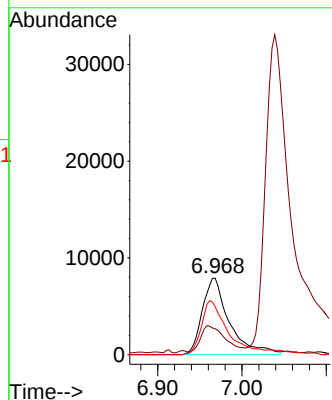
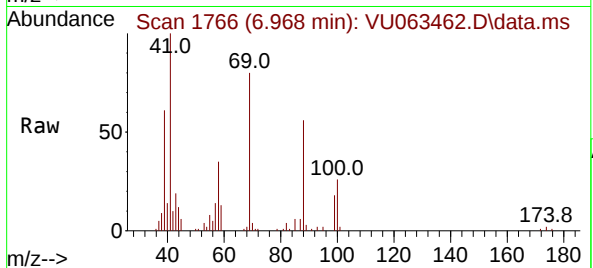




#49
1,4-Dioxane
Concen: 401.978 ug/l
RT: 6.968 min Scan# 1764
Delta R.T. 0.006 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

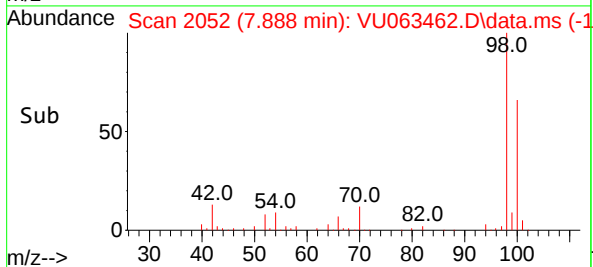
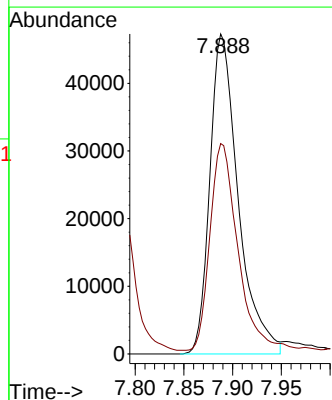
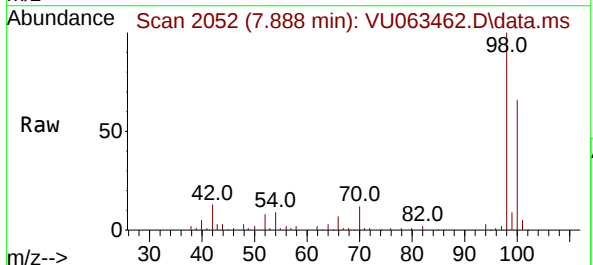
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

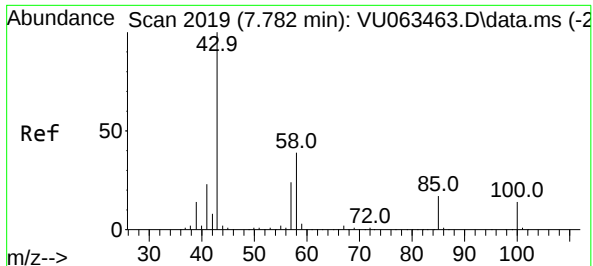
Tgt Ion: 88 Resp: 17692
Ion Ratio Lower Upper
88 100
43 30.4 25.6 38.4
58 67.8 55.0 82.6



#50
Toluene-d8
Concen: 19.778 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 98 Resp: 95716
Ion Ratio Lower Upper
98 100
100 63.9 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 98.676 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

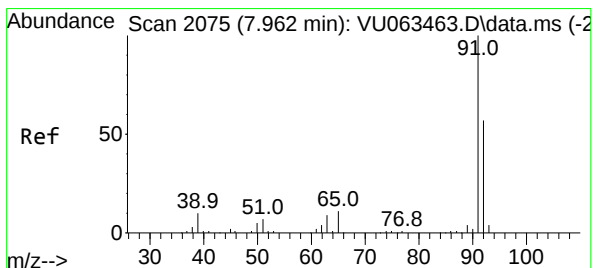
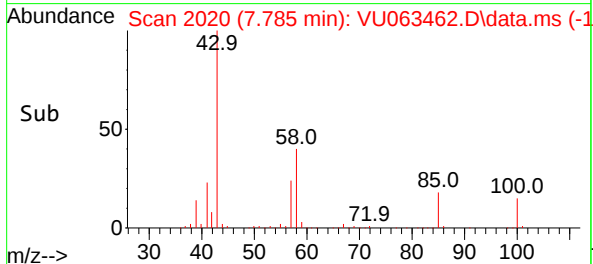
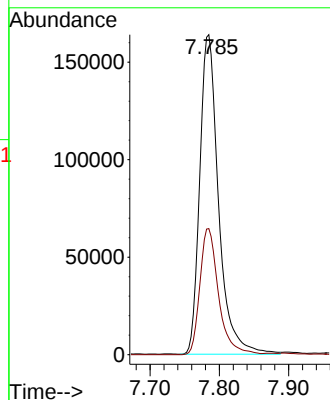
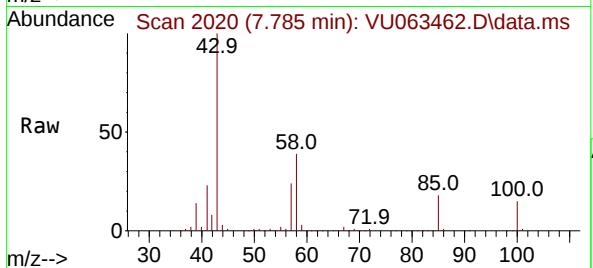
VSTDIC020

Tgt Ion: 43 Resp: 309932

Ion Ratio Lower Upper

43 100

58 39.2 31.0 46.4



#52

Toluene

Concen: 19.518 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU063462.D

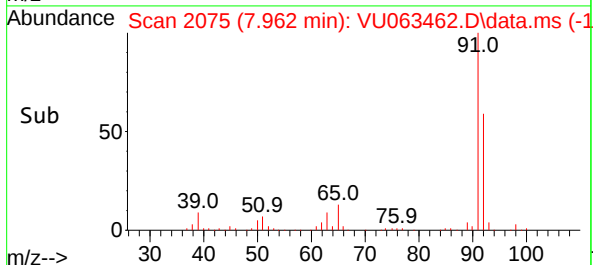
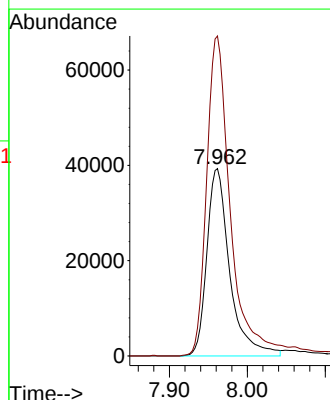
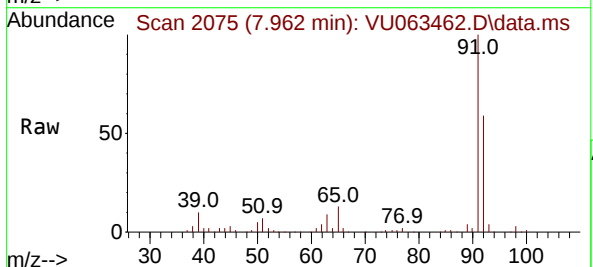
Acq: 08 Jul 2025 12:53

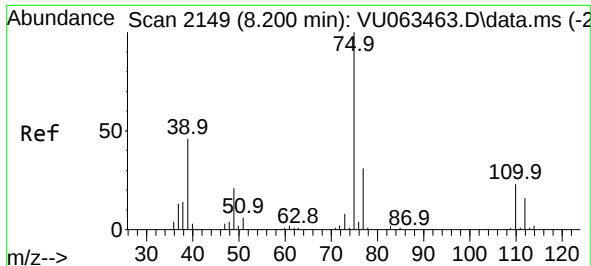
Tgt Ion: 92 Resp: 80429

Ion Ratio Lower Upper

92 100

91 177.1 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 19.440 ug/l

RT: 8.203 min Scan# 2149

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

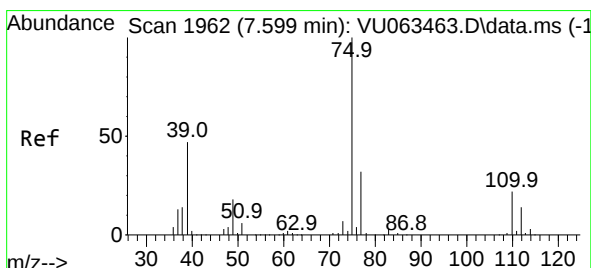
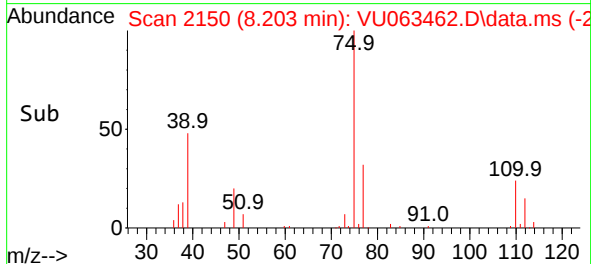
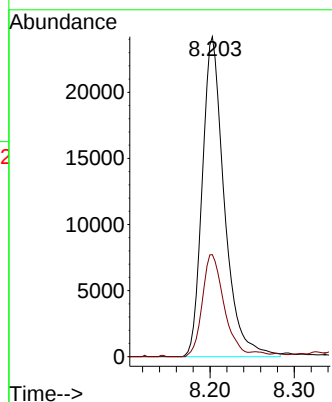
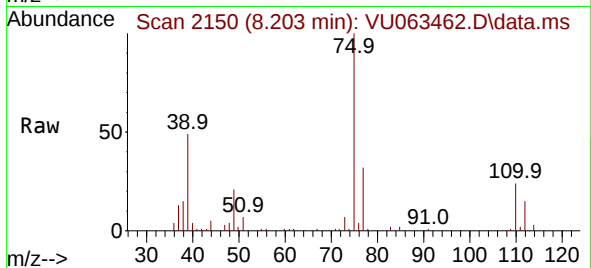
VSTDICC020

Tgt Ion: 75 Resp: 44078

Ion Ratio Lower Upper

75 100

77 31.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.992 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

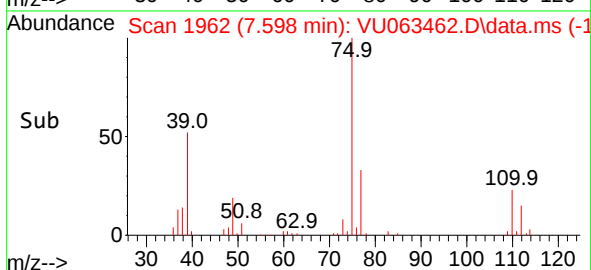
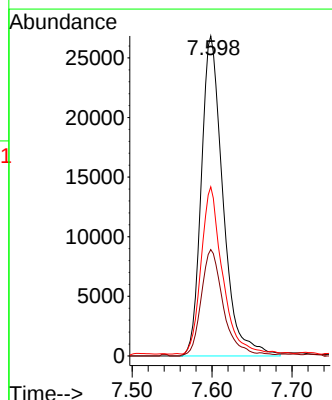
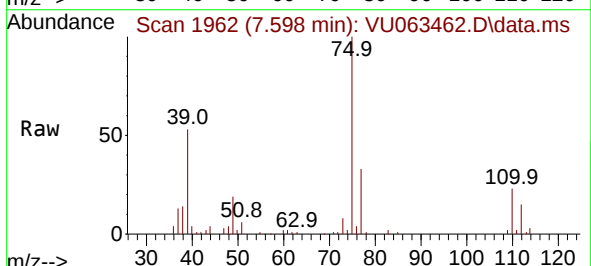
Tgt Ion: 75 Resp: 50744

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 52.2 37.2 55.8

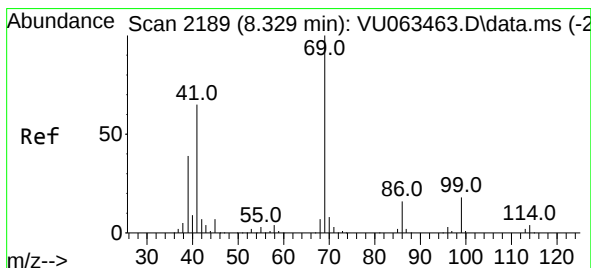
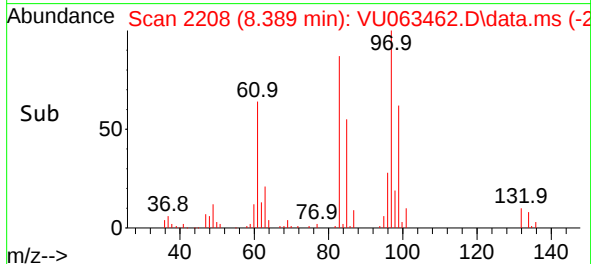
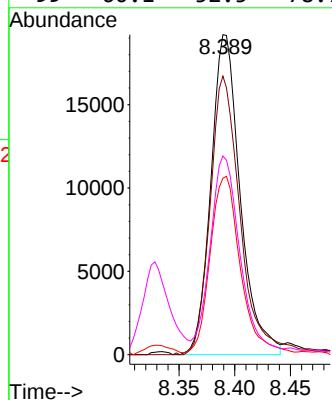
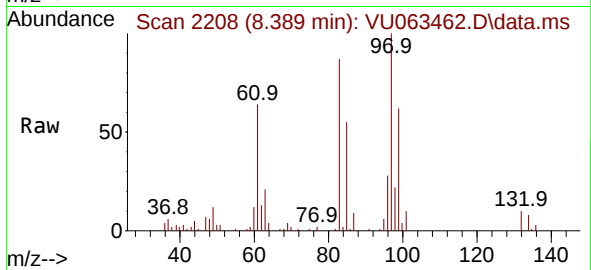




#55
1,1,2-Trichloroethane
Concen: 20.121 ug/l
RT: 8.389 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

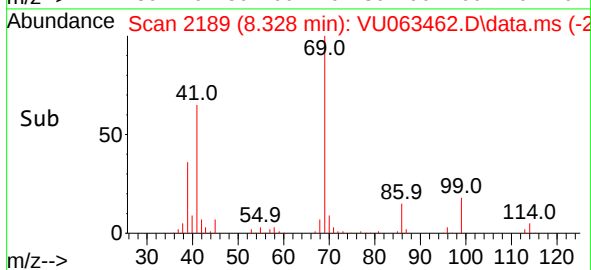
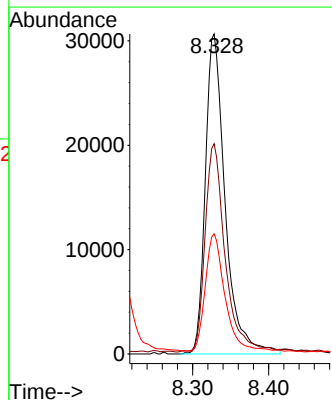
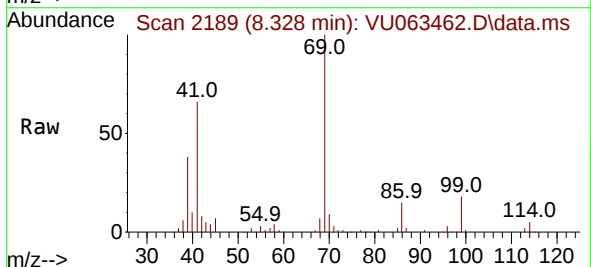
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

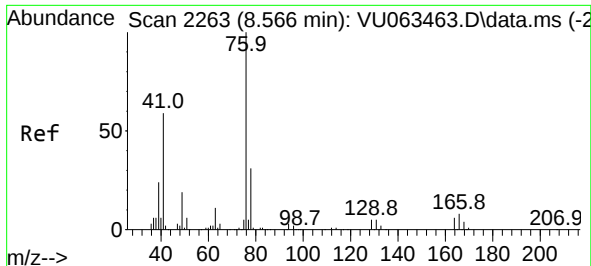
Tgt Ion:	97	Resp:	35212
Ion	Ratio	Lower	Upper
97	100		
83	87.0	74.2	111.4
85	54.4	45.8	68.8
99	60.1	52.5	78.7



#56
Ethyl methacrylate
Concen: 19.663 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:	69	Resp:	55508
Ion	Ratio	Lower	Upper
69	100		
41	65.8	53.0	79.6
39	36.1	31.0	46.4





#57

1,3-Dichloropropane

Concen: 20.576 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

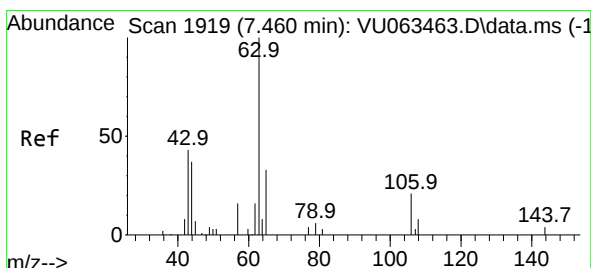
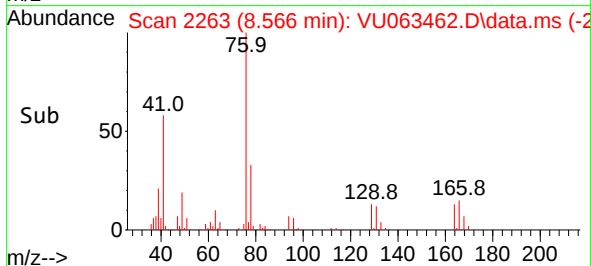
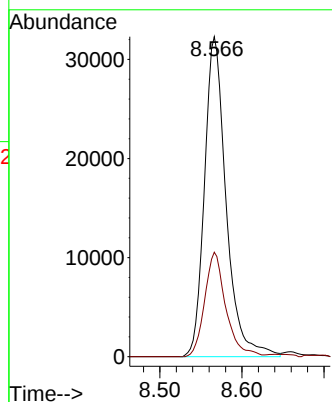
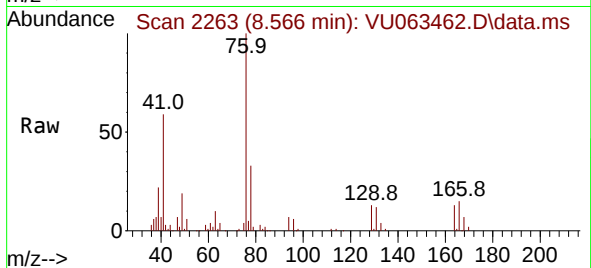
VSTDICC020

Tgt Ion: 76 Resp: 59356

Ion Ratio Lower Upper

76 100

78 31.9 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 57.139 ug/l

RT: 7.467 min Scan# 1921

Delta R.T. 0.007 min

Lab File: VU063462.D

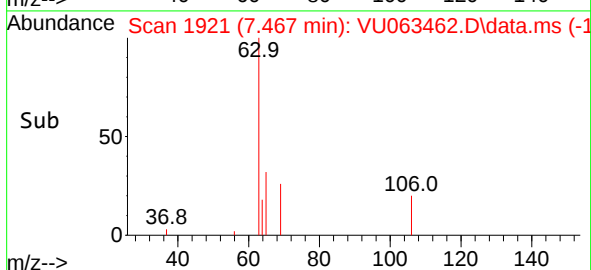
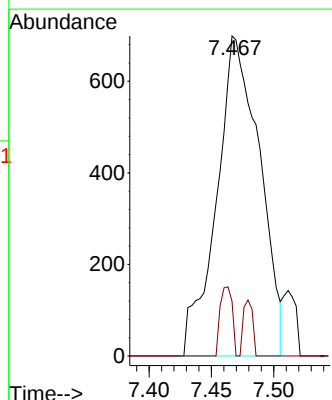
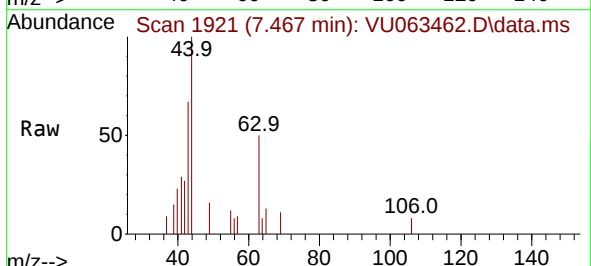
Acq: 08 Jul 2025 12:53

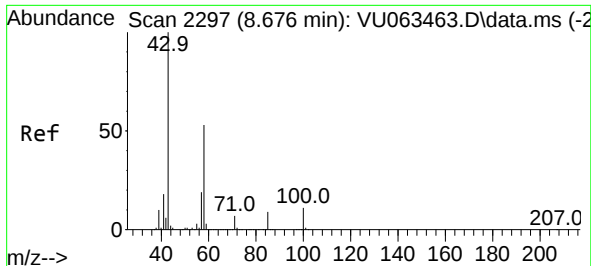
Tgt Ion: 63 Resp: 1675

Ion Ratio Lower Upper

63 100

106 6.1 11.5 17.3#

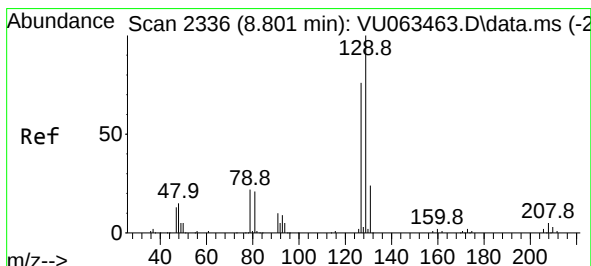
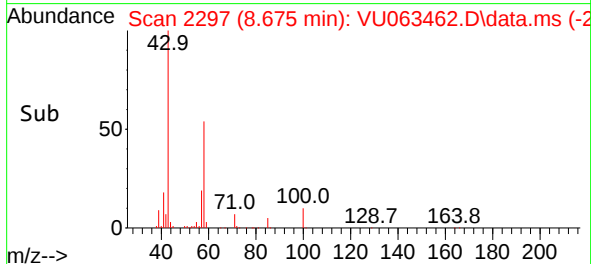
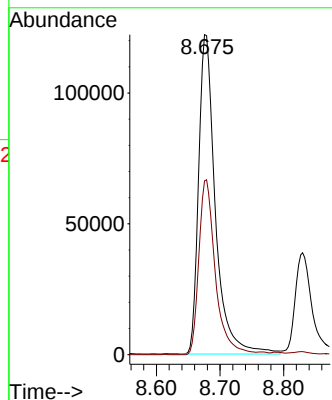
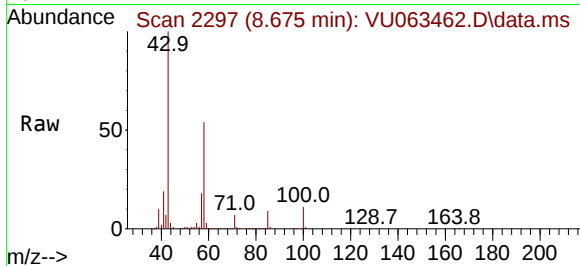




#59
2-Hexanone
Concen: 94.241 ug/l
RT: 8.675 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

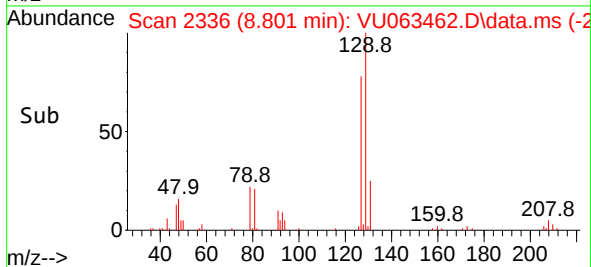
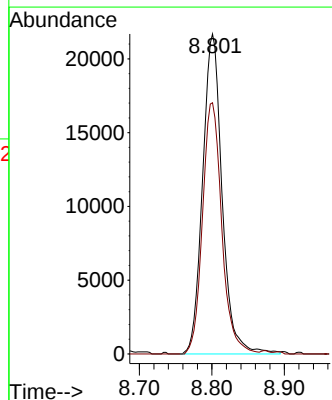
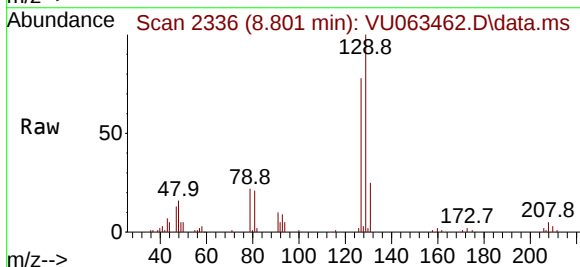
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

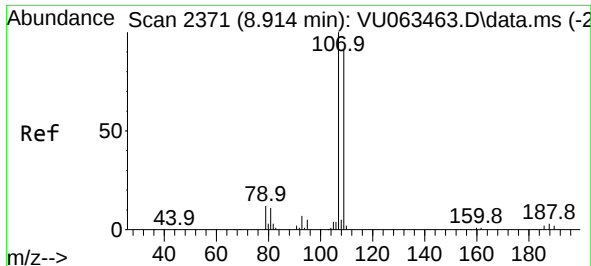
Tgt Ion: 43 Resp: 223886
Ion Ratio Lower Upper
43 100
58 53.8 26.9 80.7



#60
Dibromochloromethane
Concen: 20.736 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 129 Resp: 40653
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

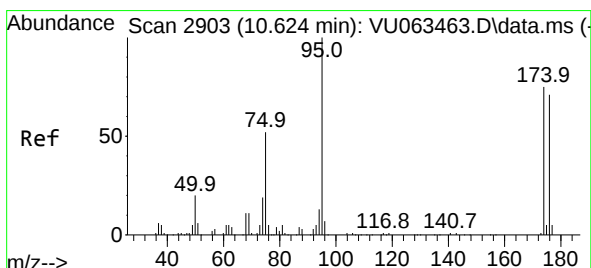
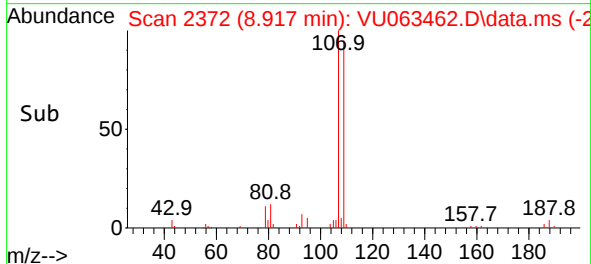
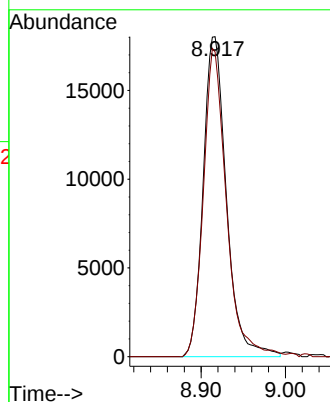
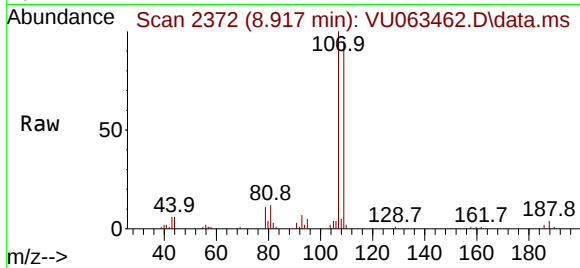




#61
1,2-Dibromoethane
Concen: 20.153 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

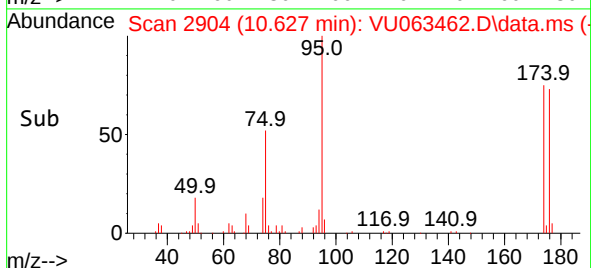
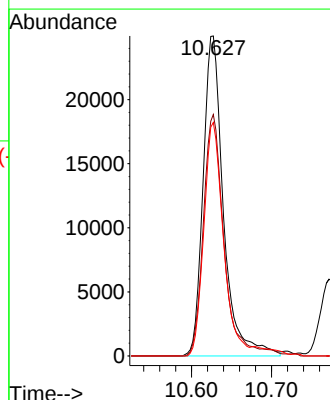
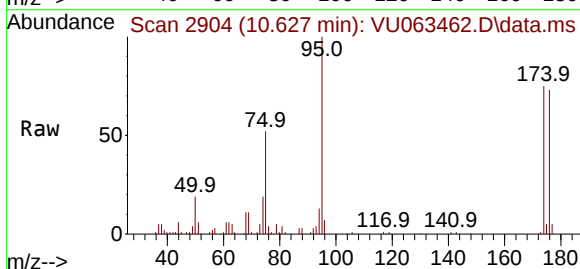
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

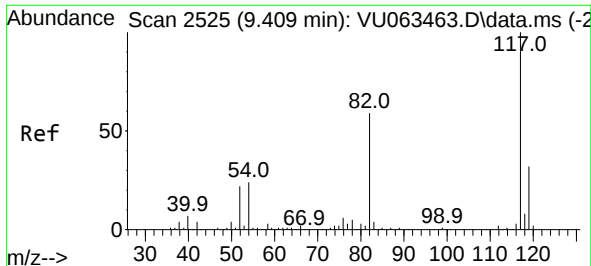
Tgt Ion:107 Resp: 34616
Ion Ratio Lower Upper
107 100
109 95.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 20.908 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 95 Resp: 44258
Ion Ratio Lower Upper
95 100
174 76.6 0.0 153.6
176 69.9 0.0 145.8

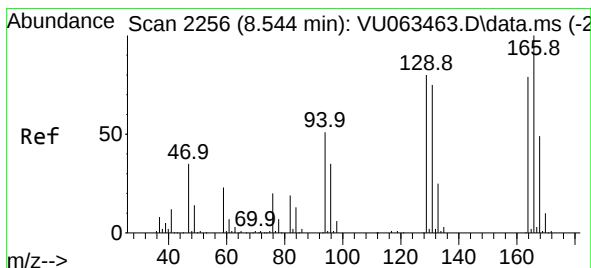
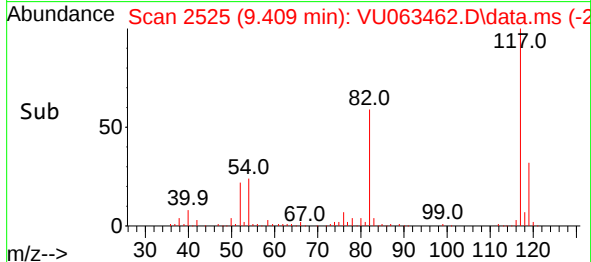
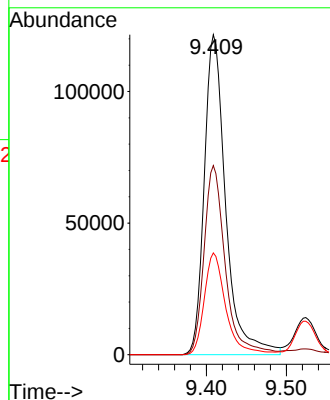
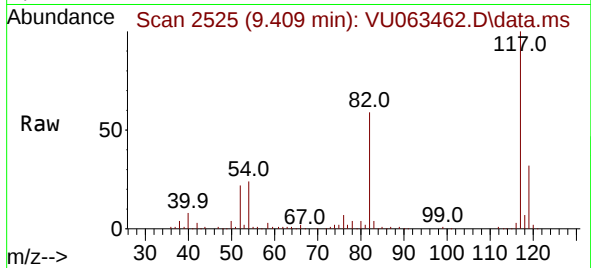




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

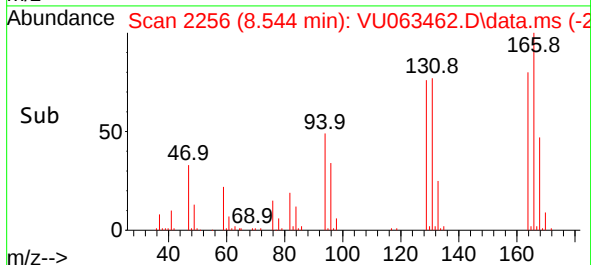
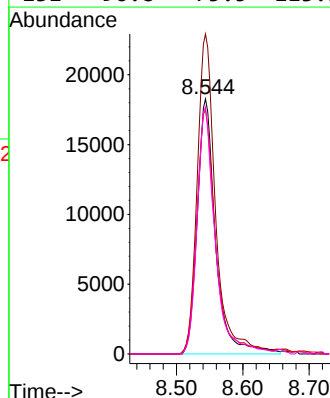
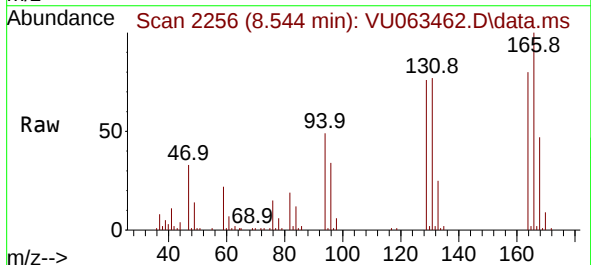
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

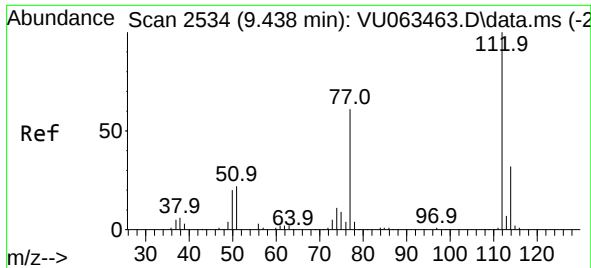
Tgt Ion:117 Resp: 226914
Ion Ratio Lower Upper
117 100
82 59.1 47.1 70.7
119 31.8 25.4 38.0



#64
Tetrachloroethene
Concen: 20.714 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:164 Resp: 34991
Ion Ratio Lower Upper
164 100
166 125.5 100.9 151.3
129 95.7 80.9 121.3
131 96.8 75.5 113.3

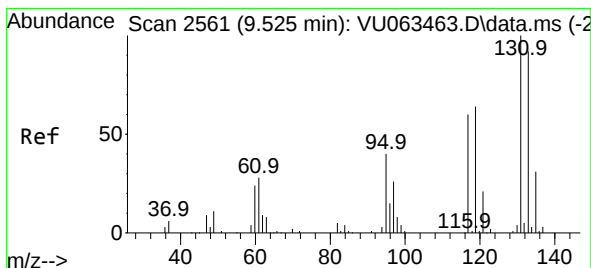
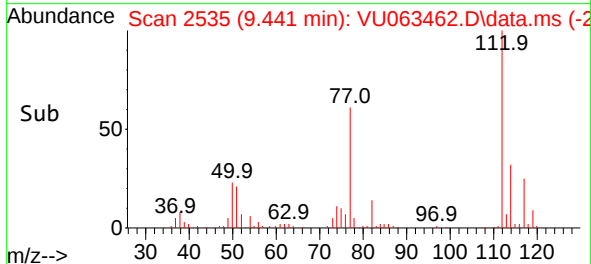
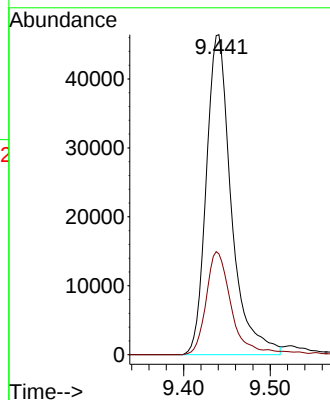
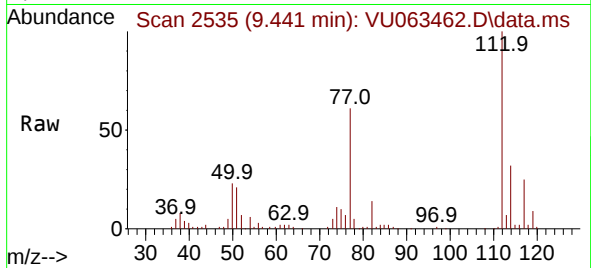




#65
Chlorobenzene
Concen: 19.743 ug/l
RT: 9.441 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

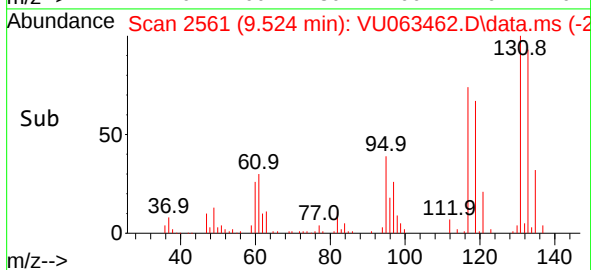
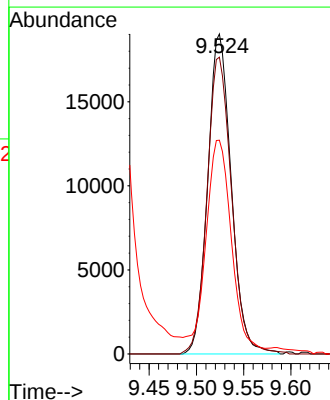
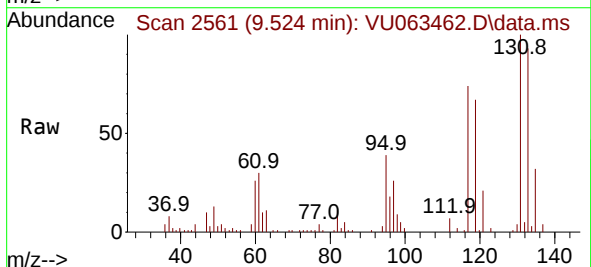
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

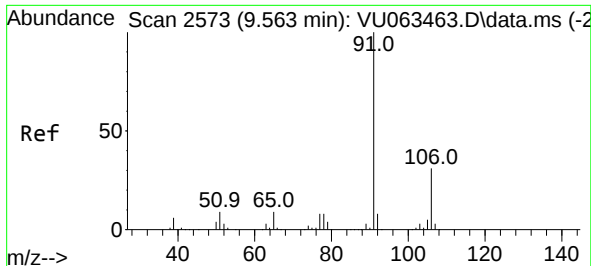
Tgt Ion:112 Resp: 93204
Ion Ratio Lower Upper
112 100
114 31.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.363 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion:131 Resp: 32968
Ion Ratio Lower Upper
131 100
133 96.9 46.4 139.2
119 68.2 33.3 99.9





#67

Ethyl Benzene

Concen: 20.168 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

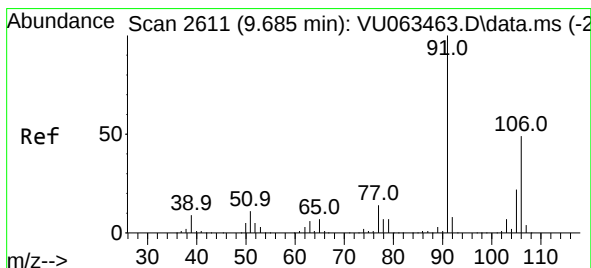
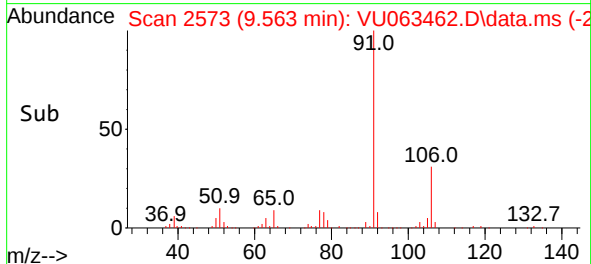
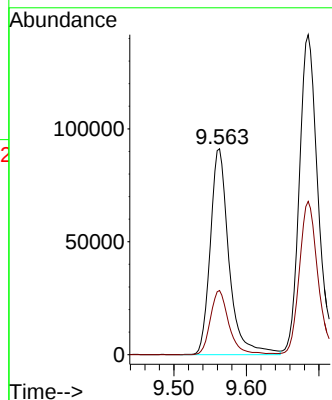
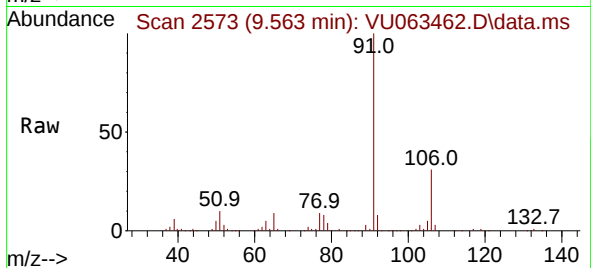
VSTDICC020

Tgt Ion: 91 Resp: 163641

Ion Ratio Lower Upper

91 100

106 31.1 24.5 36.7



#68

m/p-Xylenes

Concen: 39.447 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063462.D

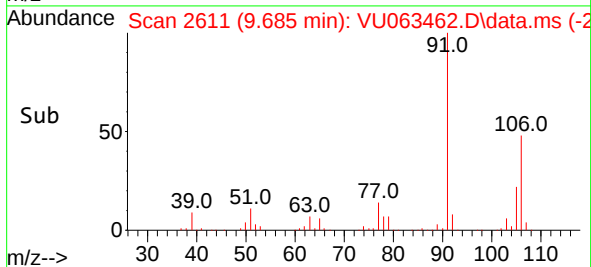
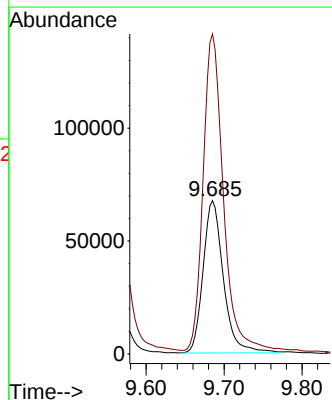
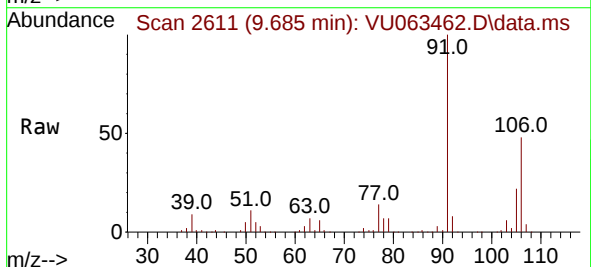
Acq: 08 Jul 2025 12:53

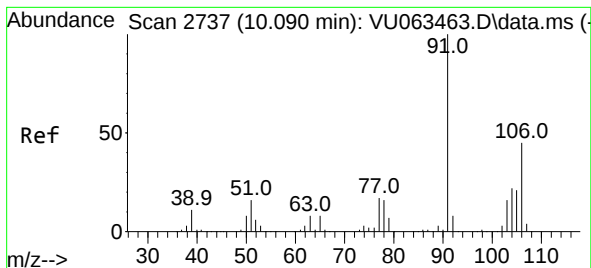
Tgt Ion:106 Resp: 122151

Ion Ratio Lower Upper

106 100

91 211.0 163.6 245.4





#69

o-Xylene

Concen: 19.754 ug/l

RT: 10.090 min Scan# 2737

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

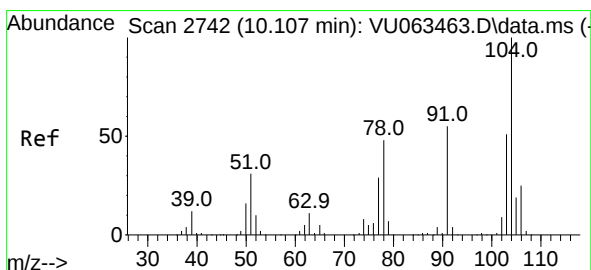
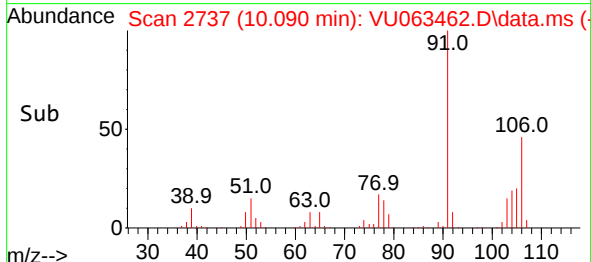
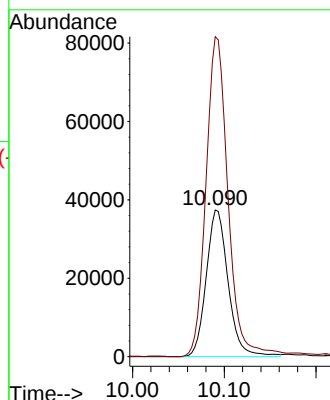
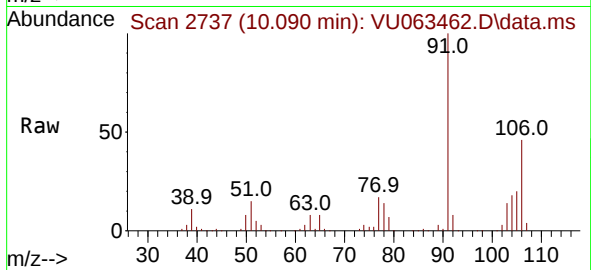
VSTDIC020

Tgt Ion:106 Resp: 62191

Ion Ratio Lower Upper

106 100

91 219.4 110.7 331.9



#70

Styrene

Concen: 19.921 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

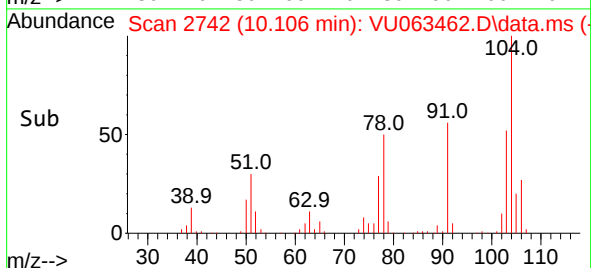
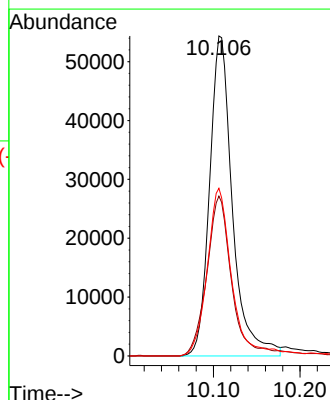
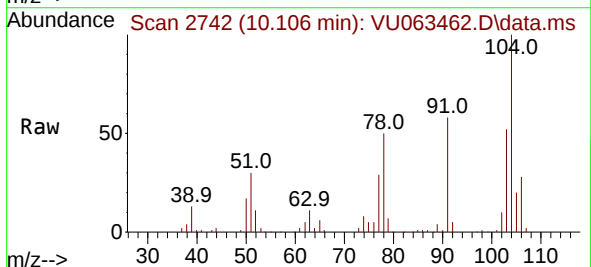
Tgt Ion:104 Resp: 99724

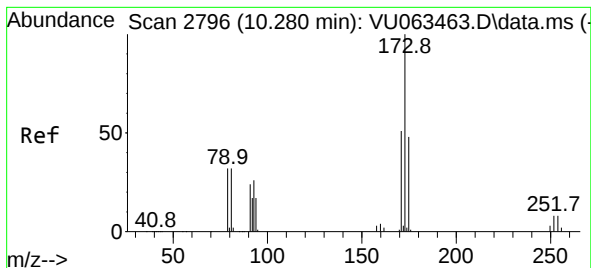
Ion Ratio Lower Upper

104 100

78 55.7 41.4 62.0

103 56.8 44.3 66.5





#71

Bromoform

Concen: 20.125 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

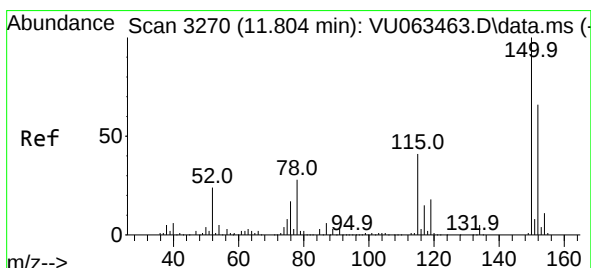
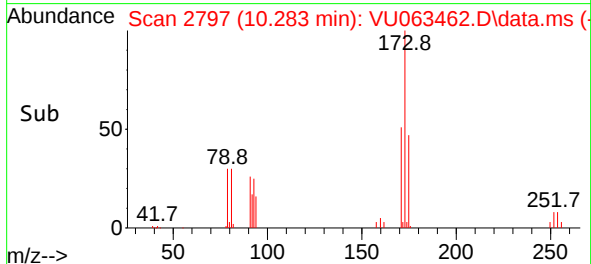
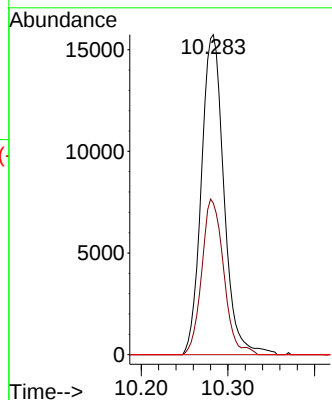
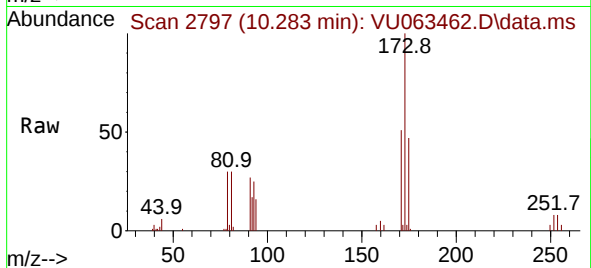
Tgt Ion:173 Resp: 28401

Ion Ratio Lower Upper

173 100

175 47.3 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

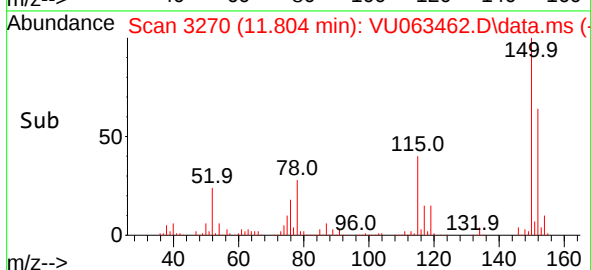
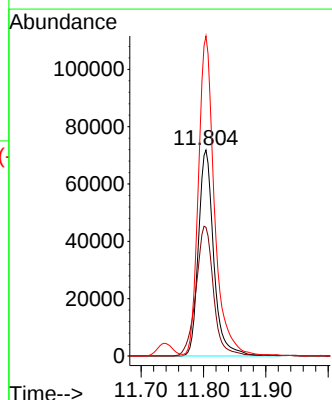
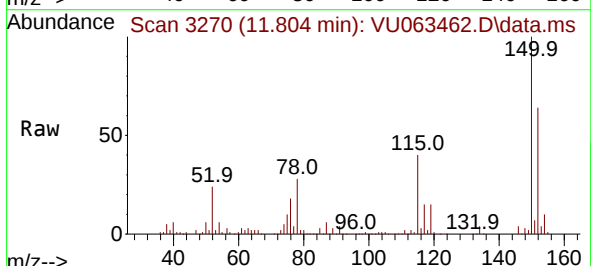
Tgt Ion:152 Resp: 122563

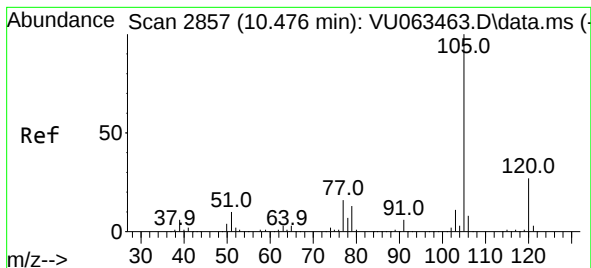
Ion Ratio Lower Upper

152 100

115 71.9 43.4 130.2

150 161.1 0.0 341.4





#73

Isopropylbenzene

Concen: 19.702 ug/l

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

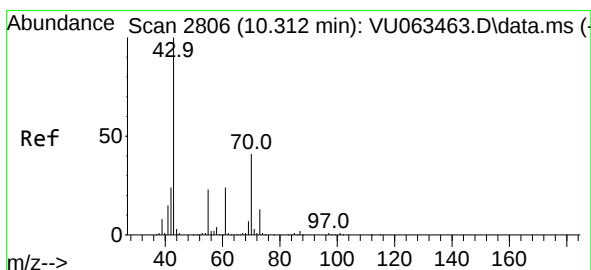
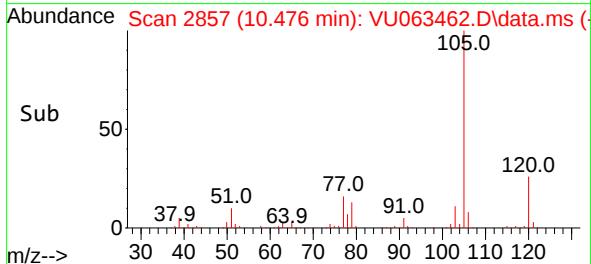
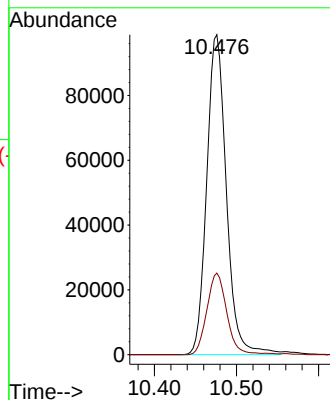
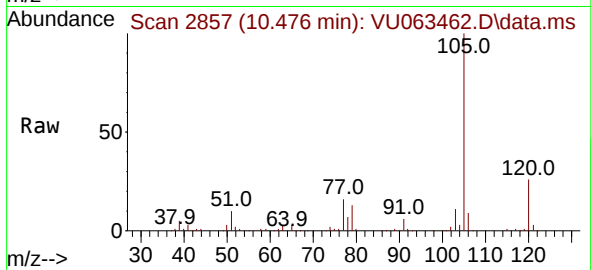
VSTDICC020

Tgt Ion:105 Resp: 164307

Ion Ratio Lower Upper

105 100

120 25.7 13.1 39.1



#74

N-ethyl acetate

Concen: 18.334 ug/l

RT: 10.315 min Scan# 2807

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Tgt Ion: 43 Resp: 68568

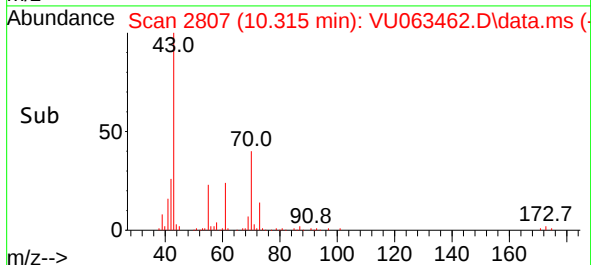
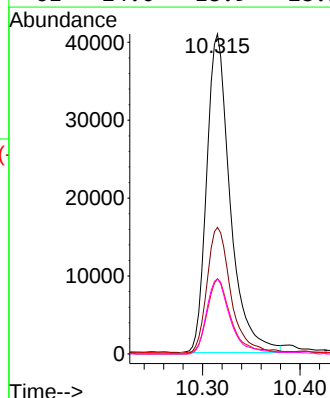
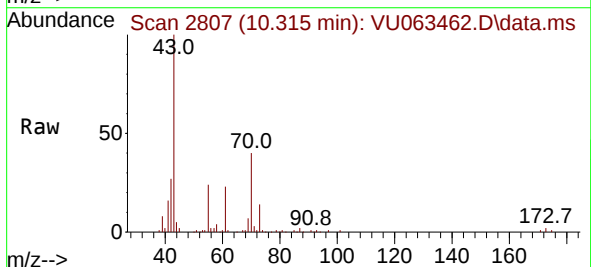
Ion Ratio Lower Upper

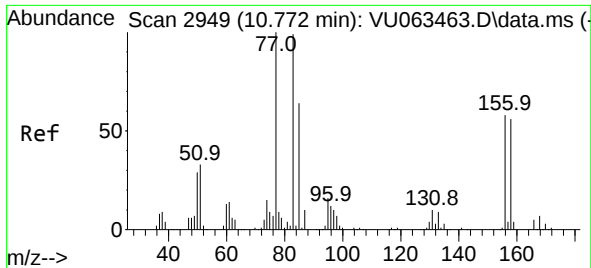
43 100

70 41.4 32.6 48.8

55 23.4 18.6 27.8

61 24.0 18.9 28.3

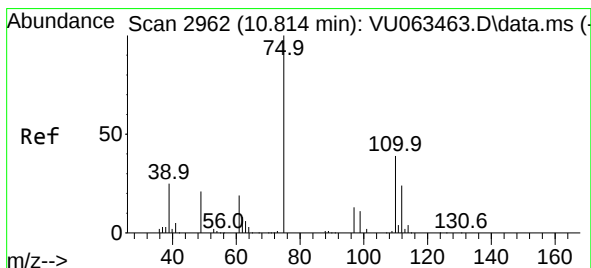
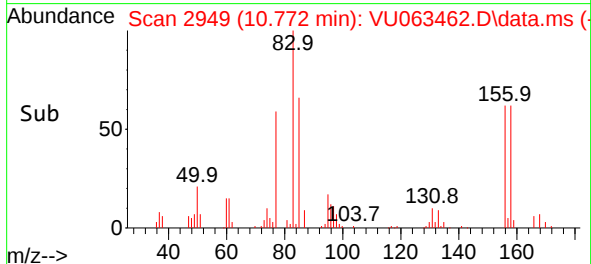
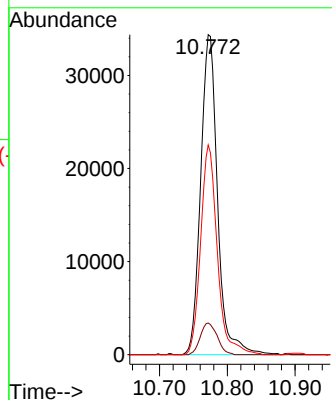
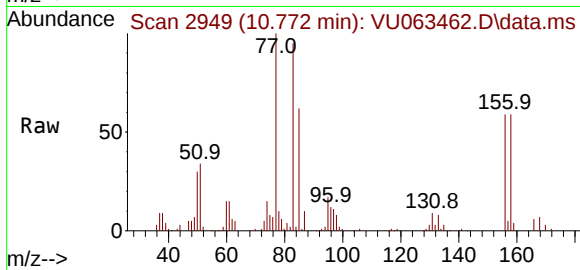




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.383 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

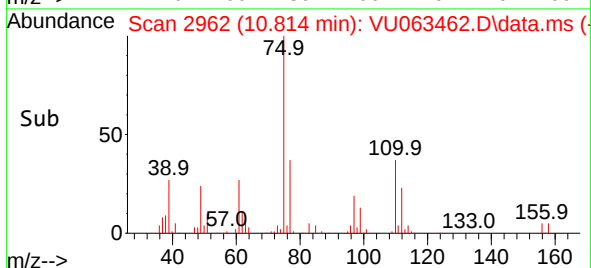
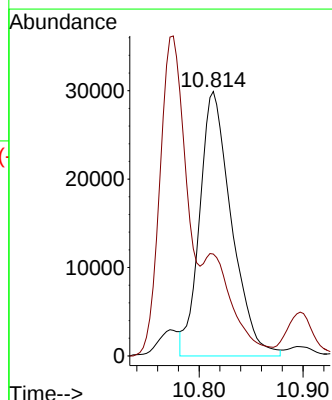
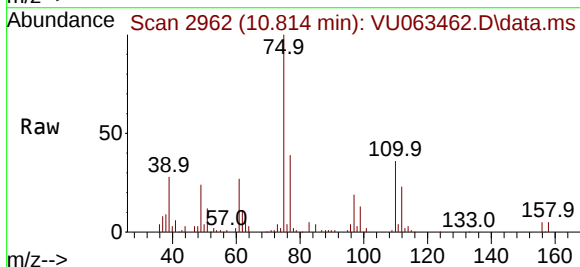
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

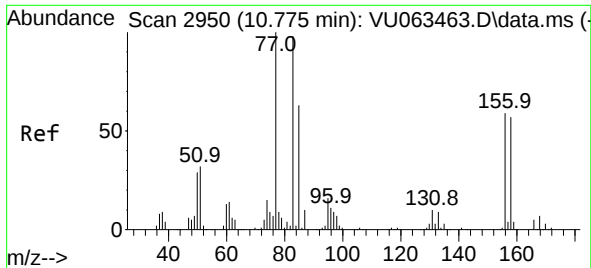
Tgt Ion: 83 Resp: 59502
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.3
 85 64.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 19.648 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

Tgt Ion: 75 Resp: 63811
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

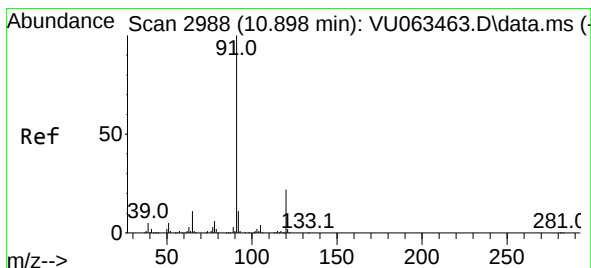
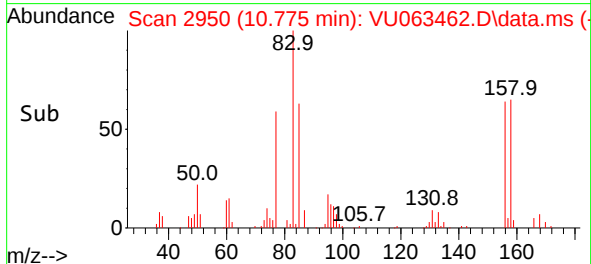
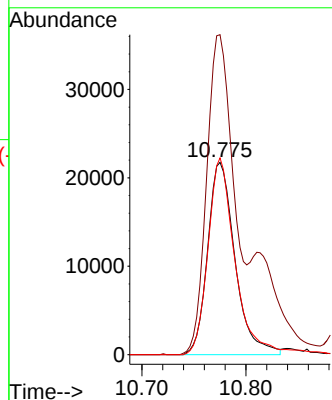
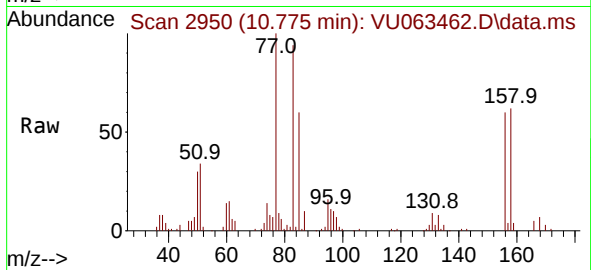




#77
Bromobenzene
Concen: 19.468 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

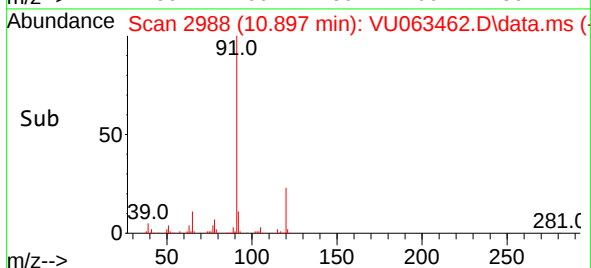
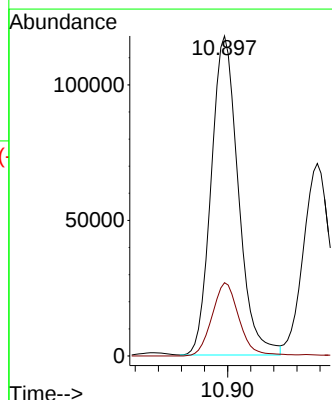
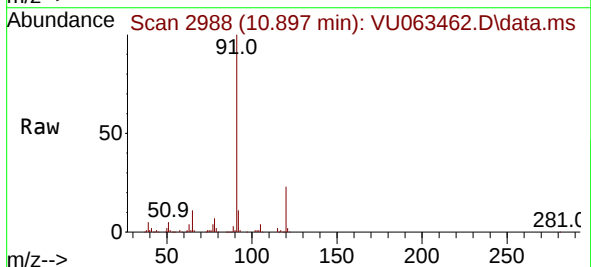
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

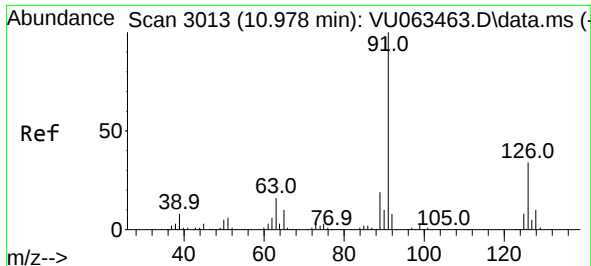
Tgt Ion:156 Resp: 39797
Ion Ratio Lower Upper
156 100
77 163.5 78.2 234.6
158 102.6 46.8 140.4



#78
n-propylbenzene
Concen: 19.876 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 91 Resp: 192232
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4

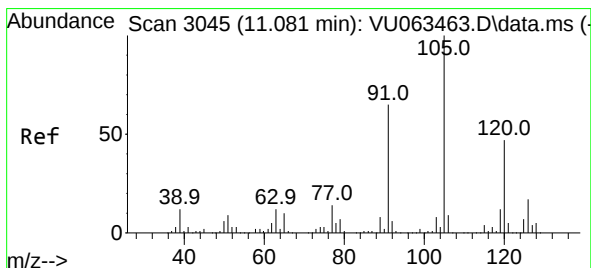
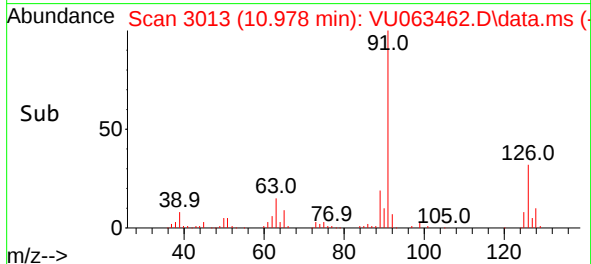
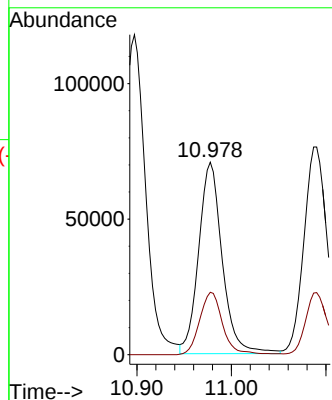
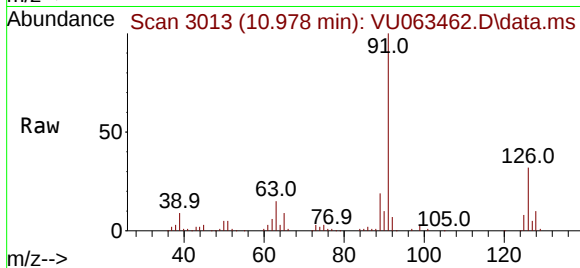




#79
2-Chlorotoluene
Concen: 20.197 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

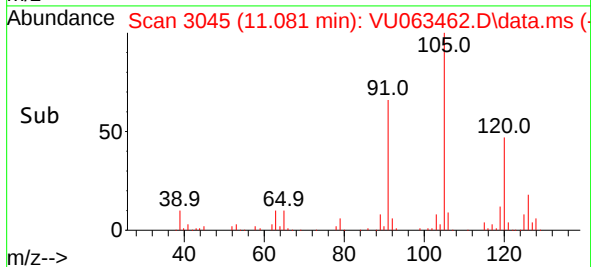
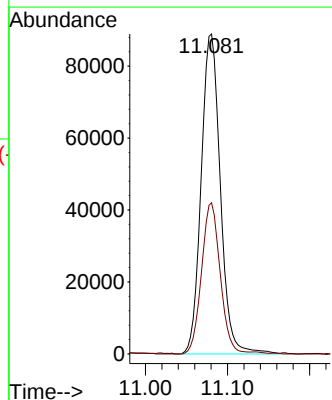
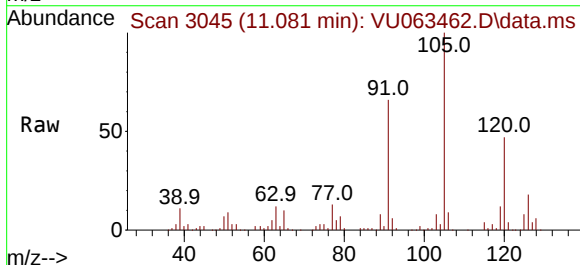
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC020

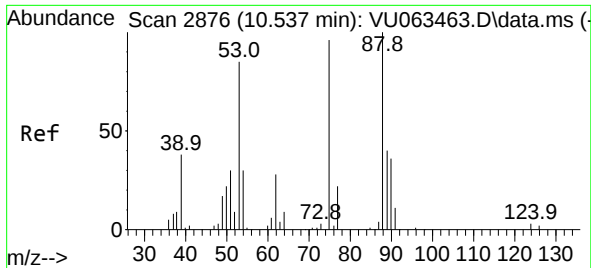
Tgt Ion: 91 Resp: 122509
Ion Ratio Lower Upper
91 100
126 31.7 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.836 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 105 Resp: 144688
Ion Ratio Lower Upper
105 100
120 45.9 23.4 70.2

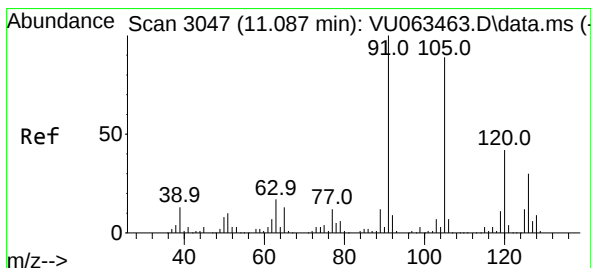
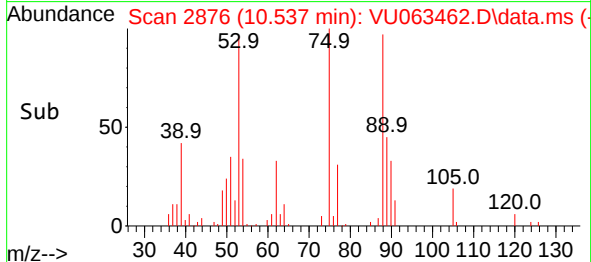
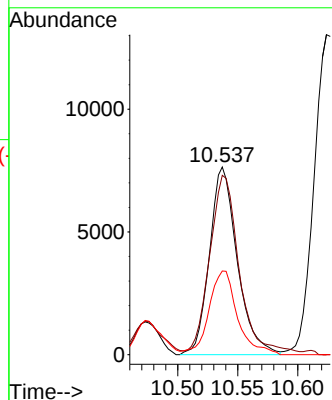
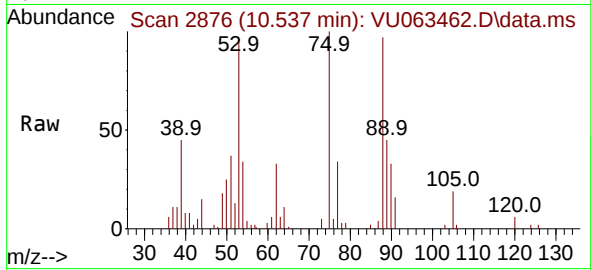




#81
trans-1,4-Dichloro-2-butene
Concen: 18.940 ug/l
RT: 10.537 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

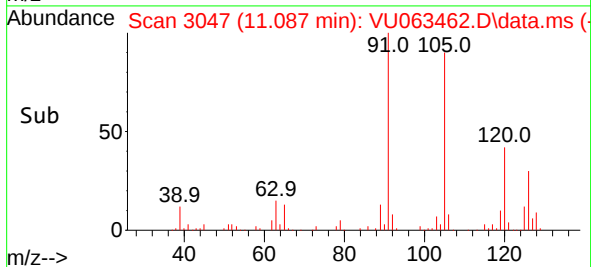
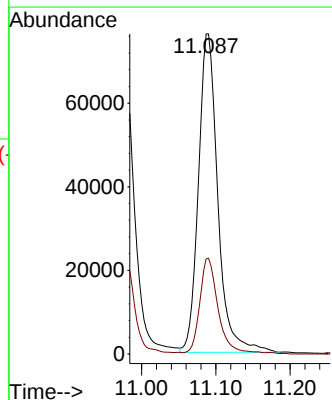
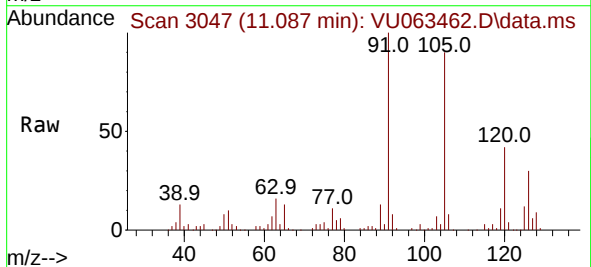
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

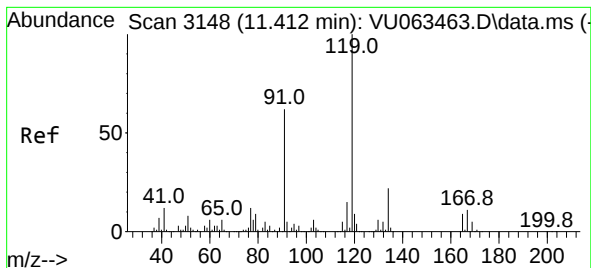
Tgt Ion: 75 Resp: 12333
Ion Ratio Lower Upper
75 100
53 98.3 74.6 111.8
89 45.6 36.3 54.5



#82
4-Chlorotoluene
Concen: 20.097 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 91 Resp: 138396
Ion Ratio Lower Upper
91 100
126 27.5 14.4 43.2





#83

tert-Butylbenzene

Concen: 19.777 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

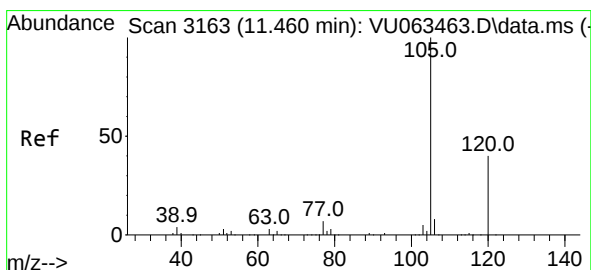
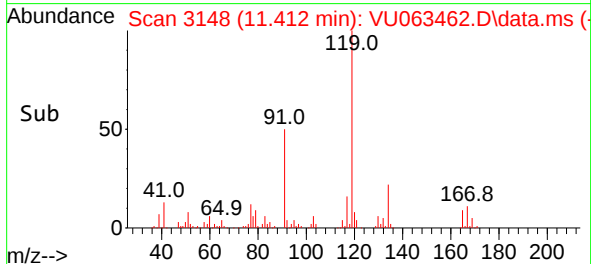
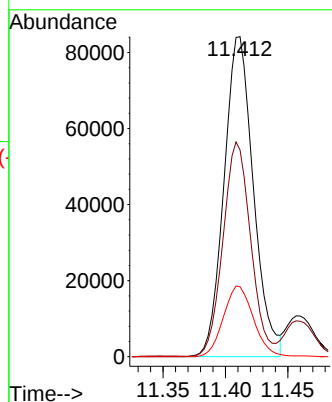
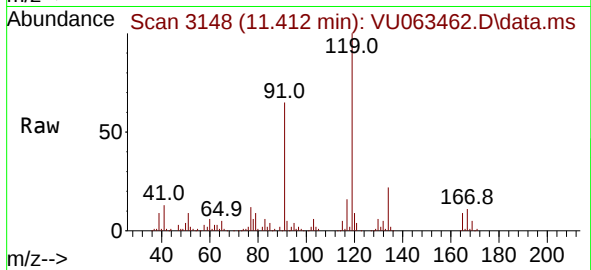
Tgt Ion:119 Resp: 138346

Ion Ratio Lower Upper

119 100

91 63.3 30.3 91.0

134 22.6 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 19.449 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063462.D

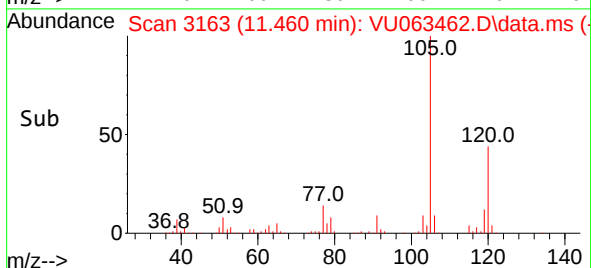
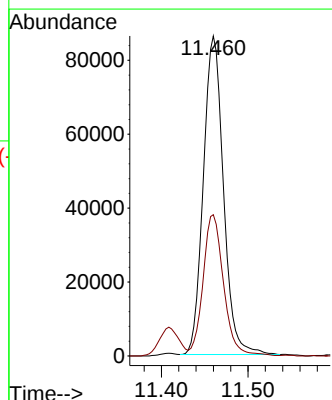
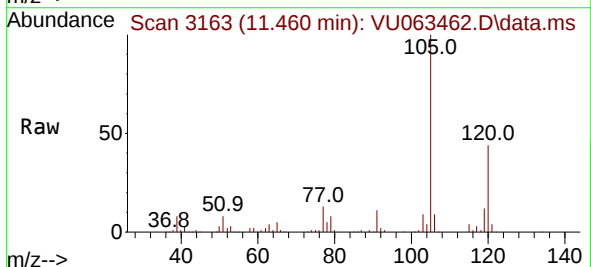
Acq: 08 Jul 2025 12:53

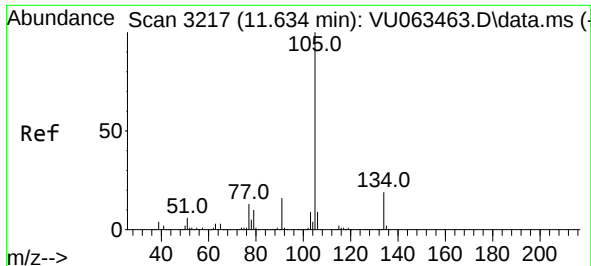
Tgt Ion:105 Resp: 139308

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.3

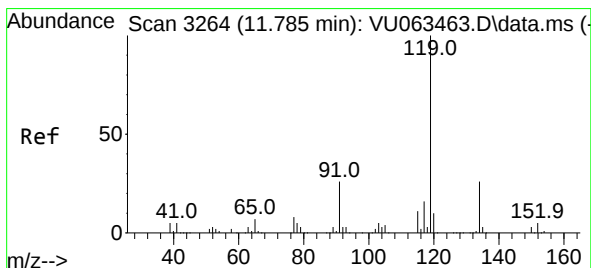
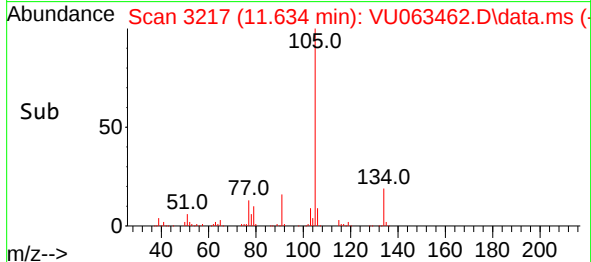
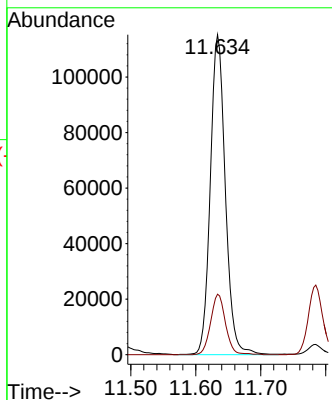
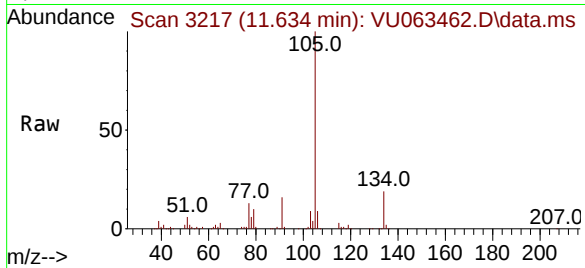




#85
 sec-Butylbenzene
 Concen: 20.076 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

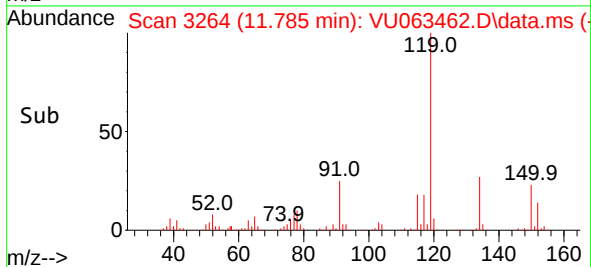
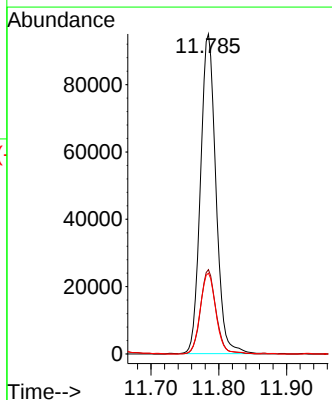
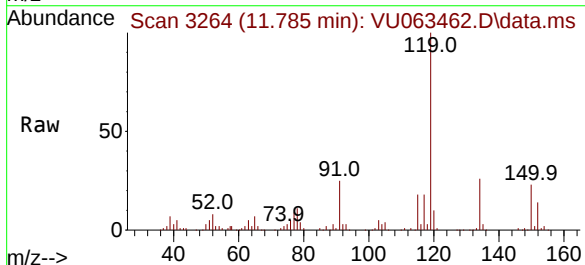
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC020

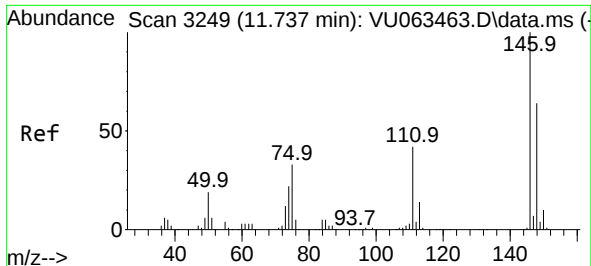
Tgt Ion:105 Resp: 185311
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.956 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063462.D
 Acq: 08 Jul 2025 12:53

Tgt Ion:119 Resp: 149444
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.0 38.9
 91 26.0 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.794 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC020

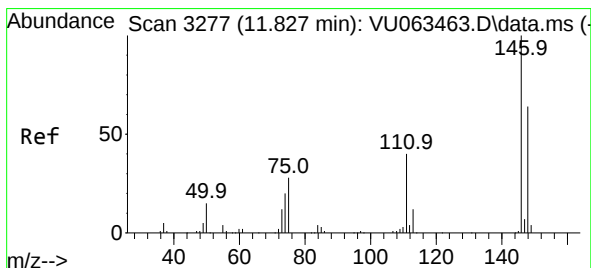
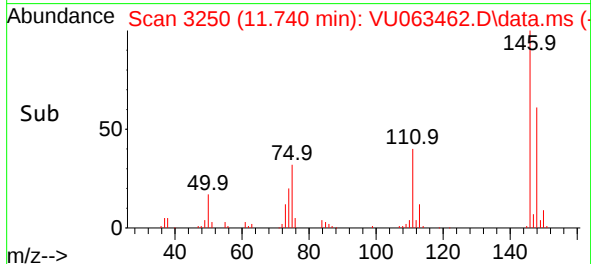
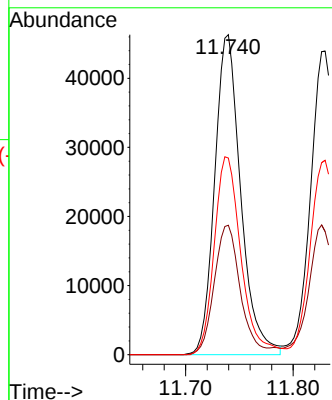
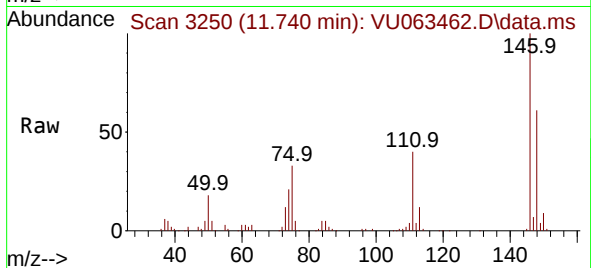
Tgt Ion:146 Resp: 77972

Ion Ratio Lower Upper

146 100

111 40.5 20.9 62.7

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.759 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

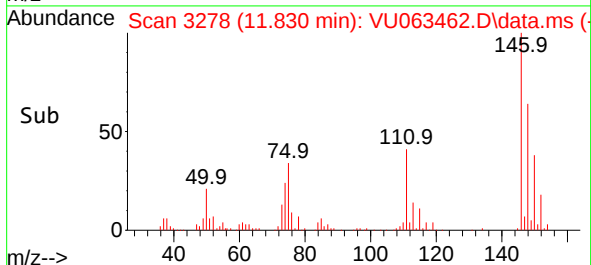
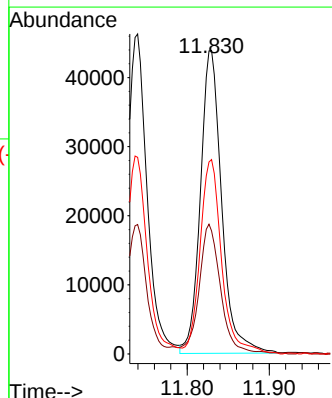
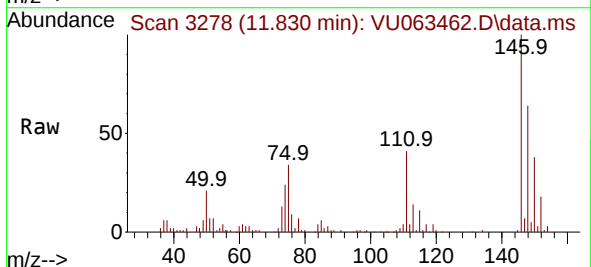
Tgt Ion:146 Resp: 79269

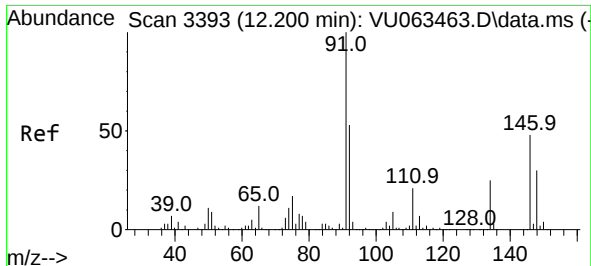
Ion Ratio Lower Upper

146 100

111 42.5 20.8 62.4

148 65.3 31.9 95.9

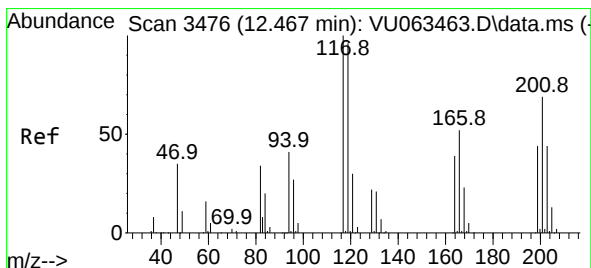
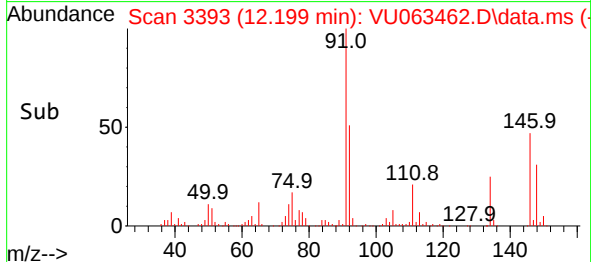
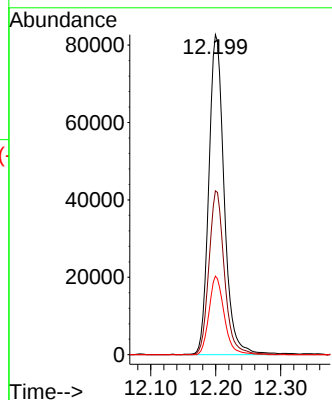
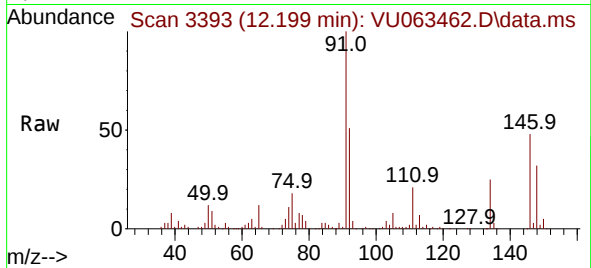




#89
n-Butylbenzene
Concen: 19.667 ug/l
RT: 12.199 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

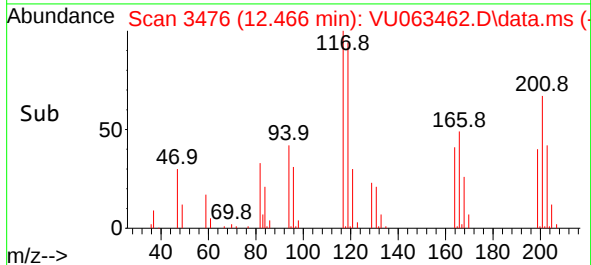
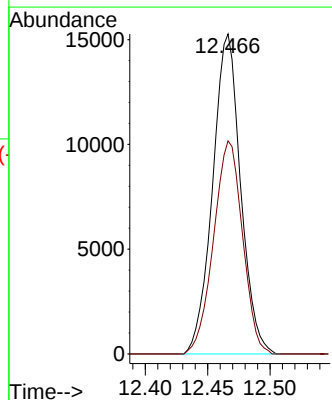
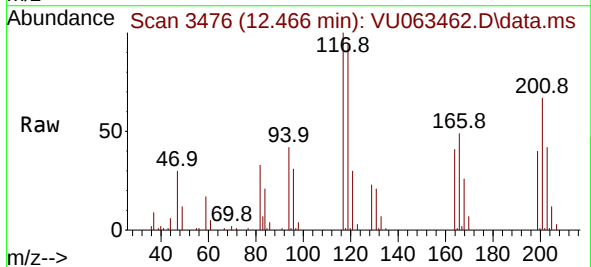
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

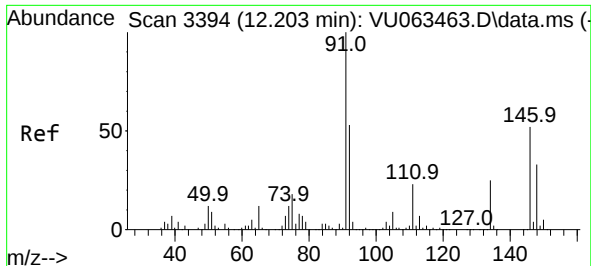
Tgt Ion: 91 Resp: 136310
Ion Ratio Lower Upper
91 100
92 51.6 26.4 79.2
134 24.2 12.4 37.0



#90
Hexachloroethane
Concen: 19.034 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 117 Resp: 23839
Ion Ratio Lower Upper
117 100
201 69.0 34.4 103.2

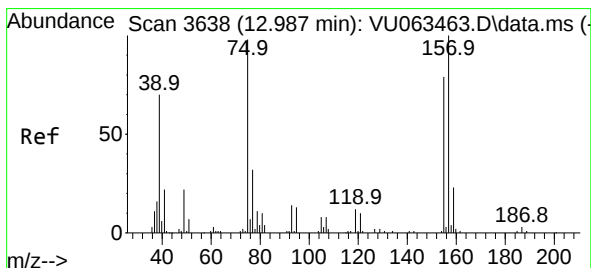
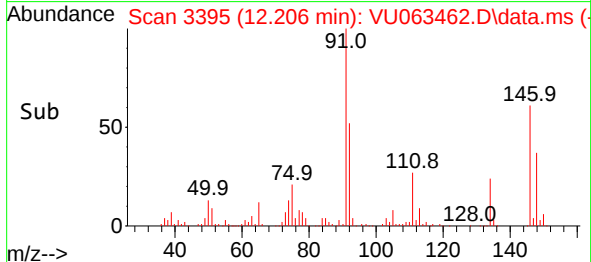
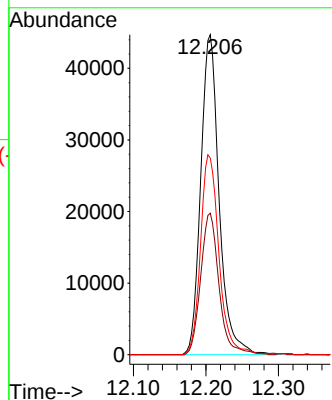
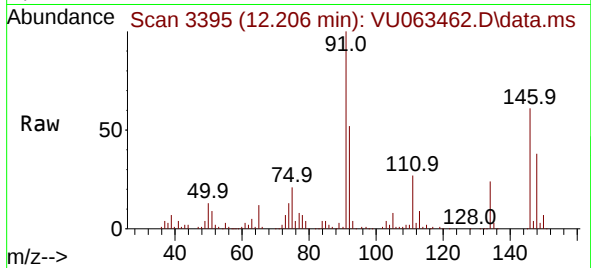




#91
1,2-Dichlorobenzene
Concen: 20.530 ug/l
RT: 12.206 min Scan# 3395
Delta R.T. 0.003 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

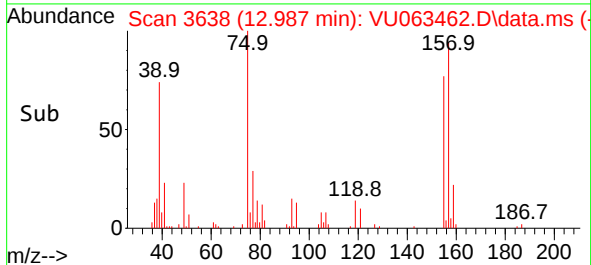
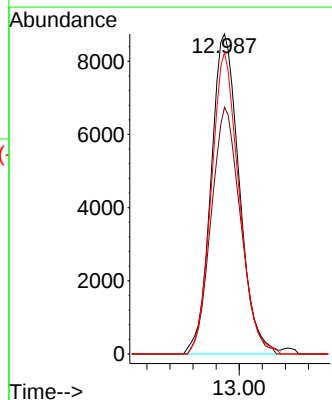
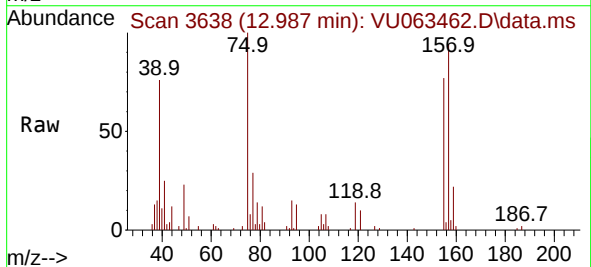
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC020

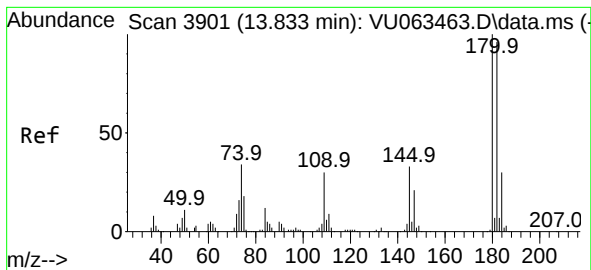
Tgt Ion:146 Resp: 78861
Ion Ratio Lower Upper
146 100
111 44.0 21.9 65.5
148 62.5 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.449 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063462.D
Acq: 08 Jul 2025 12:53

Tgt Ion: 75 Resp: 14867
Ion Ratio Lower Upper
75 100
155 79.9 39.1 117.5
157 92.6 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 20.103 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

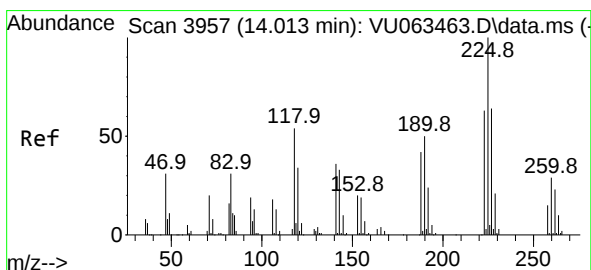
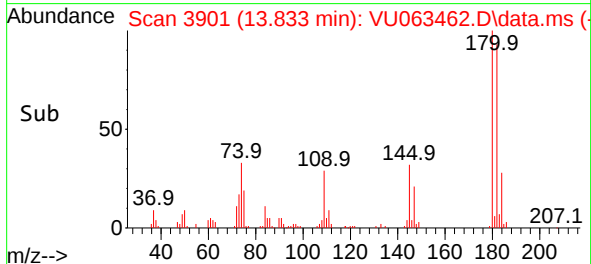
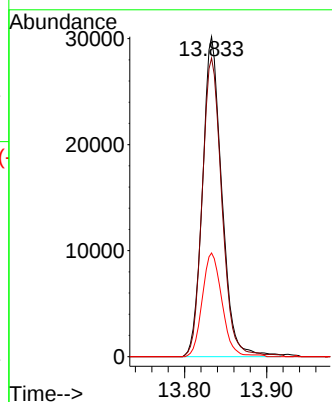
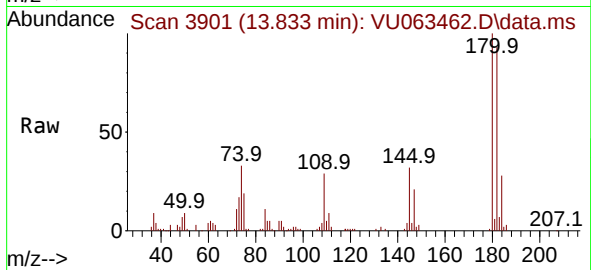
Tgt Ion:180 Resp: 49454

Ion Ratio Lower Upper

180 100

182 94.3 47.7 143.1

145 33.1 16.6 49.7



#94

Hexachlorobutadiene

Concen: 20.571 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

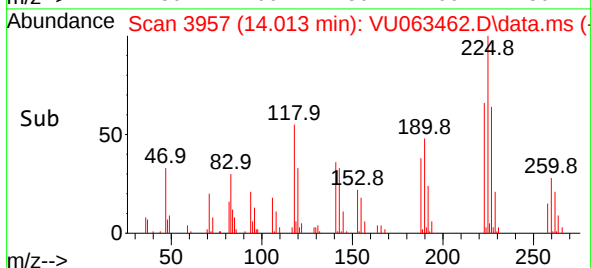
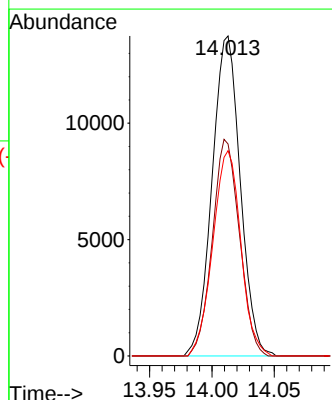
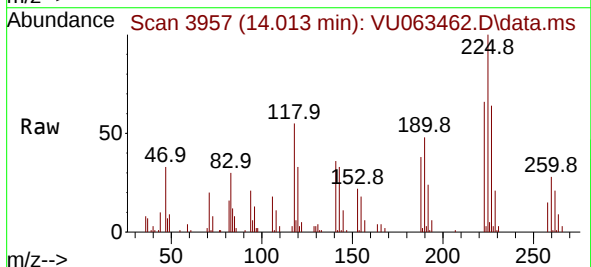
Tgt Ion:225 Resp: 21632

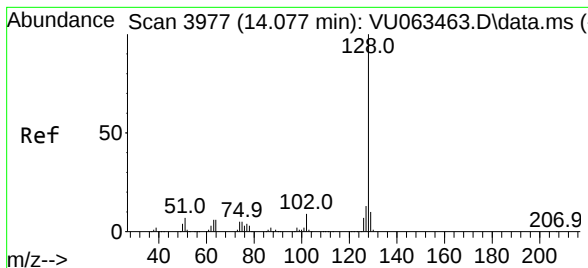
Ion Ratio Lower Upper

225 100

223 65.1 32.4 97.0

227 63.6 32.3 96.9





#95

Naphthalene

Concen: 19.001 ug/l

RT: 14.080 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC020

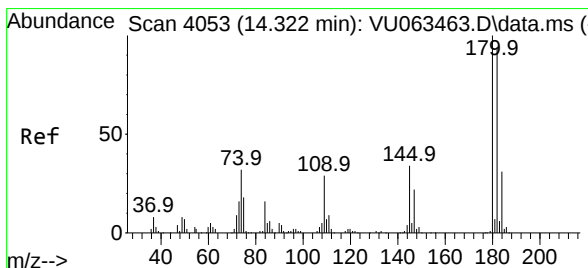
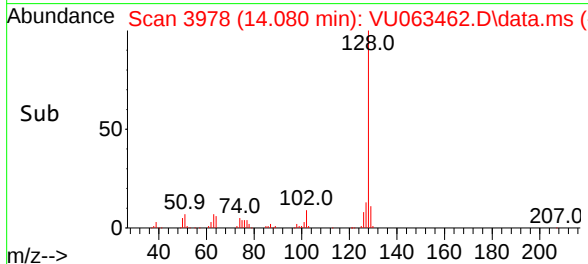
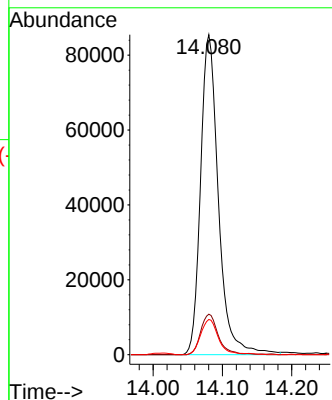
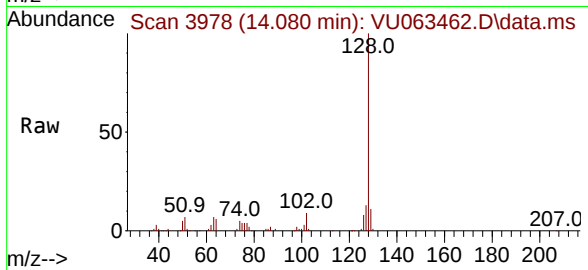
Tgt Ion:128 Resp: 153076

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.4

129 11.1 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 19.680 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063462.D

Acq: 08 Jul 2025 12:53

Tgt Ion:180 Resp: 47578

Ion Ratio Lower Upper

180 100

182 94.7 47.8 143.3

145 35.1 17.2 51.5

