

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
 Data File : VU063461.D
 Acq On : 08 Jul 2025 12:27
 Operator : MD/SY
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 09 03:22:15 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	5.361	168	141159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.239	114	251950	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	228166	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	119153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.698	65	10790	5.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	11.980%#
35) Dibromofluoromethane	5.280	113	8778	5.780	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.560%#
50) Toluene-d8	7.891	98	29326	5.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	11.840%#
62) 4-Bromofluorobenzene	10.627	95	12305	5.683	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	11.360%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	5896	5.252	ug/l	95
3) Chloromethane	1.518	50	8016	6.203	ug/l	98
4) Vinyl Chloride	1.599	62	8289	5.467	ug/l	99
5) Bromomethane	1.843	94	6858	6.456	ug/l	94
6) Chloroethane	1.920	64	5886	3.575	ug/l	100
7) Trichlorofluoromethane	2.129	101	13521	5.528	ug/l	94
8) Diethyl Ether	2.371	74	5449	5.345	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.567	101	7248	5.010	ug/l	92
10) Methyl Iodide	2.708	142	7627	5.047	ug/l	91
11) Tert butyl alcohol	3.190	59	15136	25.066	ug/l	100
12) 1,1-Dichloroethene	2.570	96	7608	5.590	ug/l	99
13) Acrolein	2.477	56	2516	29.519	ug/l	98
14) Allyl chloride	2.907	41	17564	5.344	ug/l	93
15) Acrylonitrile	3.306	53	31135	24.071	ug/l	96
16) Acetone	2.621	43	45680	30.236	ug/l	98
17) Carbon Disulfide	2.779	76	20182	6.816	ug/l	100
18) Methyl Acetate	2.940	43	15035	3.800	ug/l	97
19) Methyl tert-butyl Ether	3.358	73	29871	5.143	ug/l	99
20) Methylene Chloride	3.030	84	14725	6.088	ug/l	98
21) trans-1,2-Dichloroethene	3.335	96	7828	5.492	ug/l	96
22) Diisopropyl ether	3.988	45	27055	4.957	ug/l #	72
23) Vinyl Acetate	3.952	43	104062	24.570	ug/l	98
24) 1,1-Dichloroethane	3.850	63	16484	5.321	ug/l	97
25) 2-Butanone	4.714	43	42431	25.018	ug/l	99
26) 2,2-Dichloropropane	4.647	77	14324	5.206	ug/l	96
27) cis-1,2-Dichloroethene	4.660	96	9693	5.075	ug/l	99
28) Bromochloromethane	4.965	49	7824	5.377	ug/l	98
29) Tetrahydrofuran	5.059	42	25549	22.734	ug/l	98
30) Chloroform	5.078	83	16670	5.097	ug/l	98
31) Cyclohexane	5.367	56	16494	6.614	ug/l #	80
32) 1,1,1-Trichloroethane	5.300	97	14756	5.299	ug/l	89
36) 1,1-Dichloropropene	5.515	75	10318	5.000	ug/l #	91
37) Ethyl Acetate	4.821	43	15617	4.580	ug/l #	91
38) Carbon Tetrachloride	5.512	117	11551	5.080	ug/l	98
39) Methylcyclohexane	6.750	83	13848	5.554	ug/l	97
40) Benzene	5.766	78	34939	5.421	ug/l	98

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 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 09 03:22:15 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)
41) Methacrylonitrile	4.985	41	6215	4.063	ug/l	96
42) 1,2-Dichloroethane	5.788	62	12403	5.118	ug/l	98
43) Isopropyl Acetate	5.917	43	19542	4.402	ug/l	99
44) Trichloroethene	6.538	130	9289	5.386	ug/l	91
45) 1,2-Dichloropropane	6.782	63	9280	5.180	ug/l #	87
46) Dibromomethane	6.911	93	6398	5.019	ug/l	97
47) Bromodichloromethane	7.097	83	13121	4.950	ug/l	91
48) Methyl methacrylate	6.962	41	9208	4.488	ug/l	98
49) 1,4-Dioxane	6.968	88	3475	77.185	ug/l #	83
51) 4-Methyl-2-Pentanone	7.785	43	71958	22.396	ug/l	99
52) Toluene	7.962	92	21028	4.988	ug/l	94
53) t-1,3-Dichloropropene	8.206	75	10775	4.646	ug/l	95
54) cis-1,3-Dichloropropene	7.602	75	11678	4.498	ug/l	93
55) 1,1,2-Trichloroethane	8.393	97	9000	5.027	ug/l	91
56) Ethyl methacrylate	8.332	69	12379	4.287	ug/l	98
57) 1,3-Dichloropropane	8.570	76	14411	4.884	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.447	63	20	0.667	ug/l #	65
59) 2-Hexanone	8.679	43	53912	22.185	ug/l	99
60) Dibromochloromethane	8.801	129	9456	4.715	ug/l	97
61) 1,2-Dibromoethane	8.917	107	8648	4.922	ug/l	100
64) Tetrachloroethene	8.544	164	9403	5.536	ug/l	94
65) Chlorobenzene	9.441	112	24448	5.150	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.525	131	7775	4.776	ug/l	91
67) Ethyl Benzene	9.563	91	41802	5.124	ug/l	99
68) m/p-Xylenes	9.685	106	31848	10.228	ug/l	99
69) o-Xylene	10.094	106	16202	5.118	ug/l	93
70) Styrene	10.113	104	24270	4.822	ug/l	97
71) Bromoform	10.283	173	6399	4.510	ug/l #	100
73) Isopropylbenzene	10.476	105	42638	5.259	ug/l	100
74) N-amyl acetate	10.319	43	16164	4.446	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.775	83	14034	4.703	ug/l	99
76) 1,2,3-Trichloropropane	10.817	75	15415	4.882	ug/l #	81
77) Bromobenzene	10.779	156	9750	4.906	ug/l	91
78) n-propylbenzene	10.901	91	46768	4.974	ug/l	98
79) 2-Chlorotoluene	10.978	91	29556	5.012	ug/l	96
80) 1,3,5-Trimethylbenzene	11.081	105	36296	5.118	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.544	75	3295	5.205	ug/l	95
82) 4-Chlorotoluene	11.090	91	34325	5.127	ug/l	96
83) tert-Butylbenzene	11.412	119	33756	4.964	ug/l	93
84) 1,2,4-Trimethylbenzene	11.463	105	33777	4.851	ug/l	99
85) sec-Butylbenzene	11.634	105	44107	4.915	ug/l	99
86) p-Isopropyltoluene	11.788	119	35817	4.920	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	19245	5.025	ug/l	100
88) 1,4-Dichlorobenzene	11.830	146	19898	5.102	ug/l	91
89) n-Butylbenzene	12.203	91	31431	4.665	ug/l	99
90) Hexachloroethane	12.467	117	5785	4.751	ug/l	93
91) 1,2-Dichlorobenzene	12.209	146	18250	4.887	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.987	75	3265	4.619	ug/l	97
93) 1,2,4-Trichlorobenzene	13.840	180	11162	4.667	ug/l	94
94) Hexachlorobutadiene	14.013	225	5013	4.904	ug/l	94
95) Naphthalene	14.087	128	33263	4.247	ug/l	100
96) 1,2,3-Trichlorobenzene	14.328	180	10183	4.333	ug/l	98

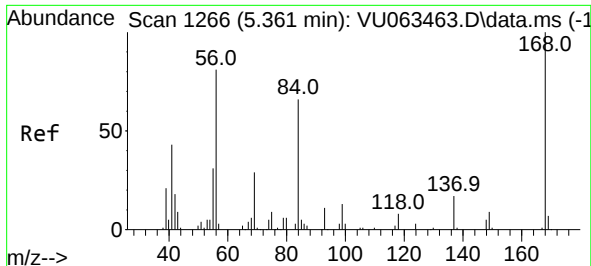
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070825\
Data File : VU063461.D
Acq On : 08 Jul 2025 12:27
Operator : MD/SY
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Jul 09 03:22:15 2025
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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)
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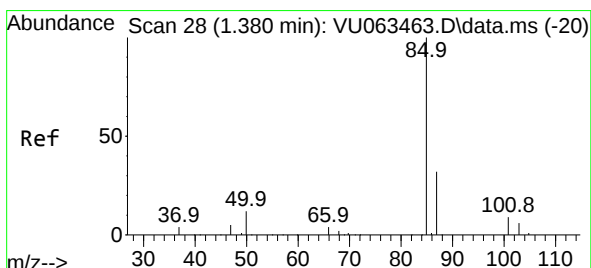
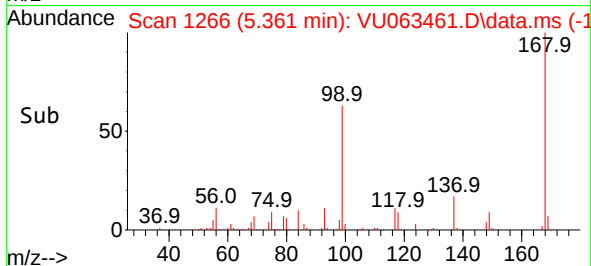
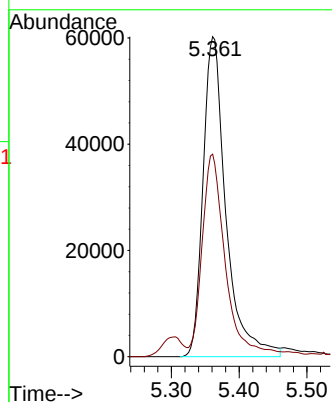
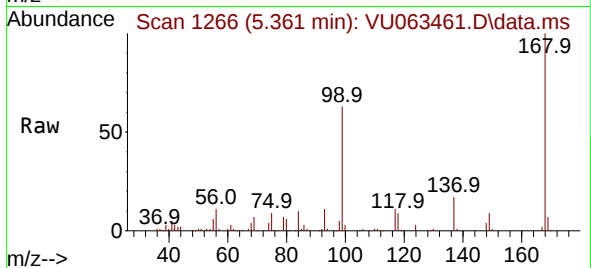
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

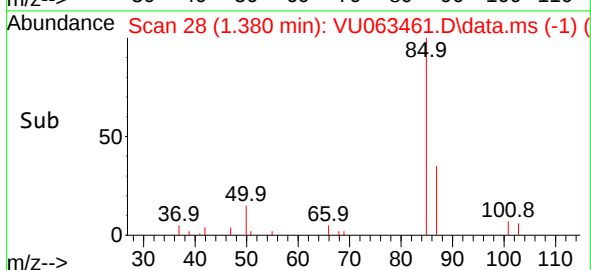
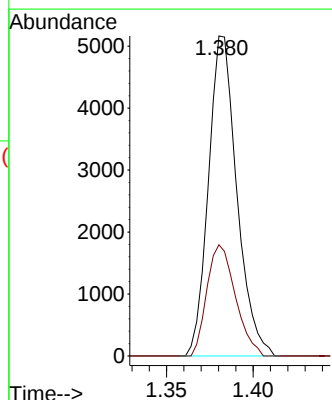
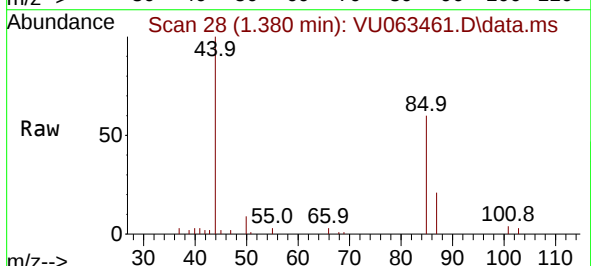
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

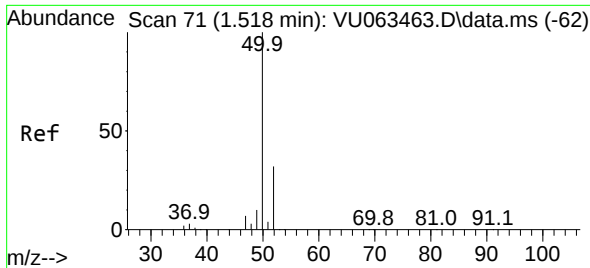
Tgt Ion:168 Resp: 141159
Ion Ratio Lower Upper
168 100
99 61.7 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 5.252 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 85 Resp: 5896
Ion Ratio Lower Upper
85 100
87 34.8 16.1 48.2

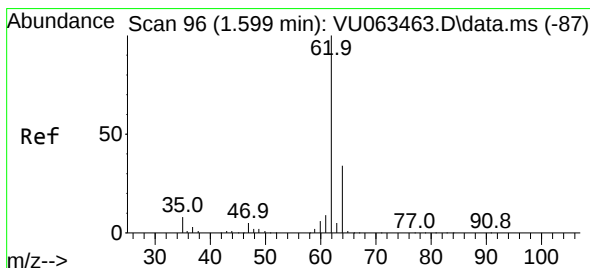
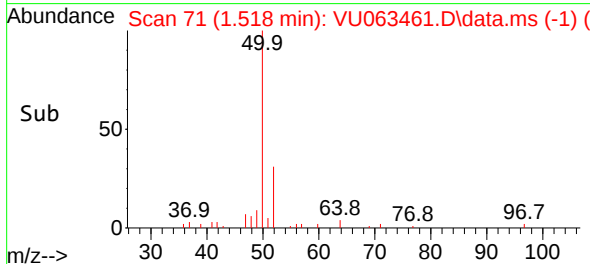
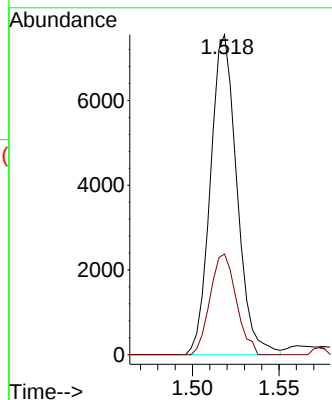
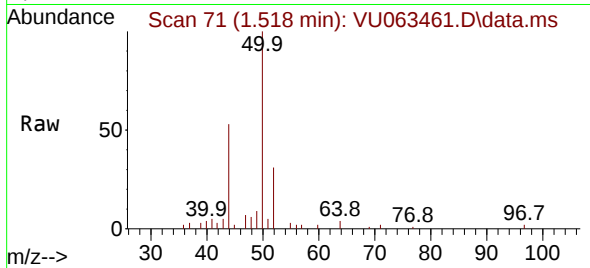




#3
Chloromethane
Concen: 6.203 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

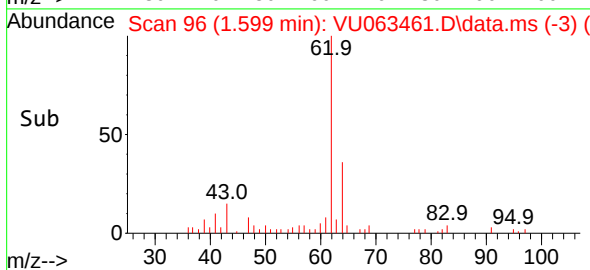
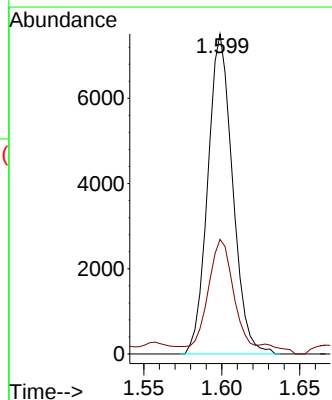
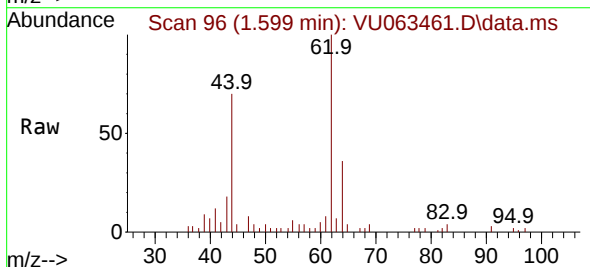
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

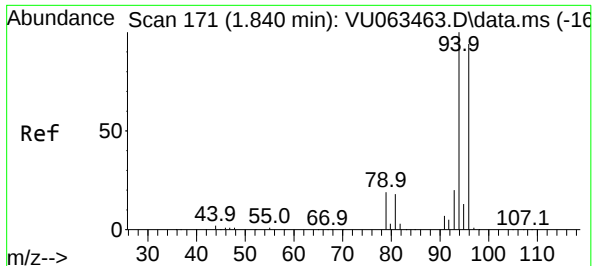
Tgt Ion: 50 Resp: 8016
Ion Ratio Lower Upper
50 100
52 31.4 25.8 38.8



#4
Vinyl Chloride
Concen: 5.467 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 62 Resp: 8289
Ion Ratio Lower Upper
62 100
64 34.1 26.9 40.3

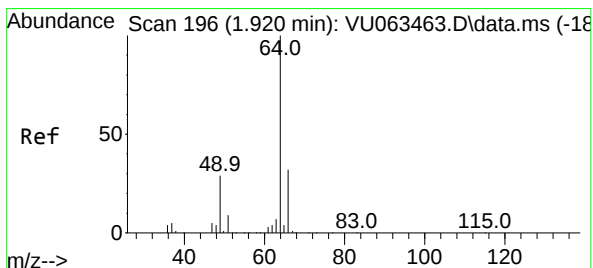
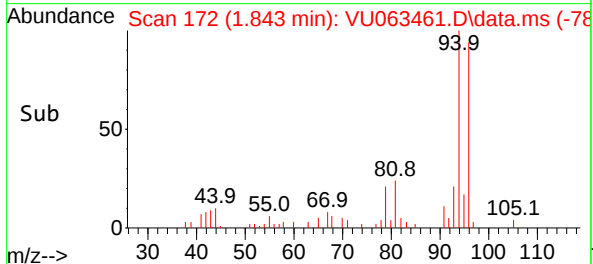
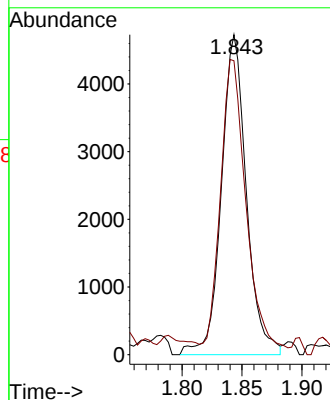
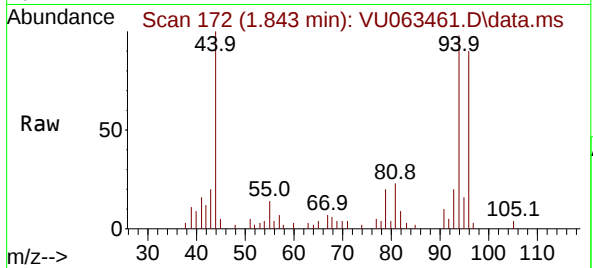




#5
Bromomethane
Concen: 6.456 ug/l
RT: 1.843 min Scan# 171
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

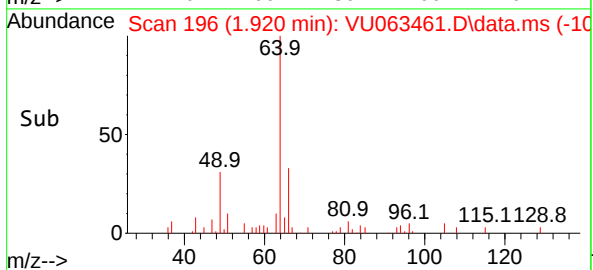
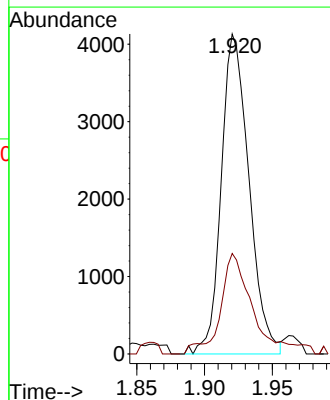
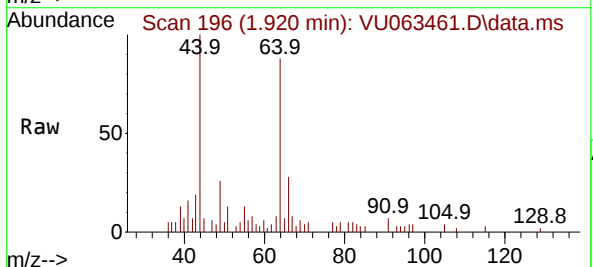
Instrument :
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VSTDICC005

Tgt Ion: 94 Resp: 6858
Ion Ratio Lower Upper
94 100
96 88.6 75.5 113.3



#6
Chloroethane
Concen: 3.575 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 64 Resp: 5886
Ion Ratio Lower Upper
64 100
66 31.4 25.3 37.9

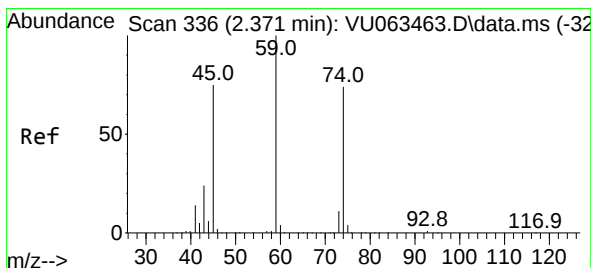
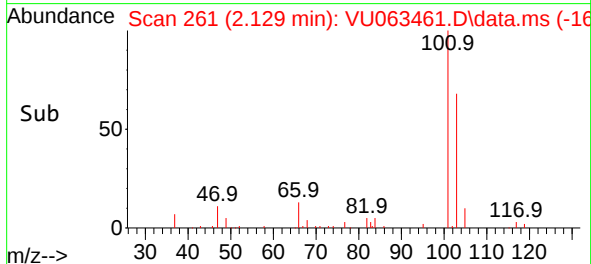
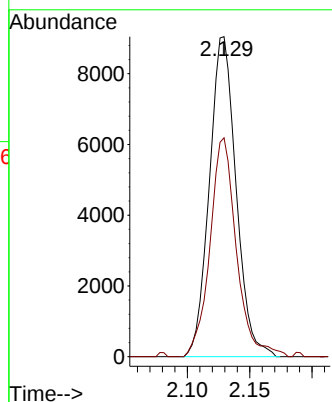
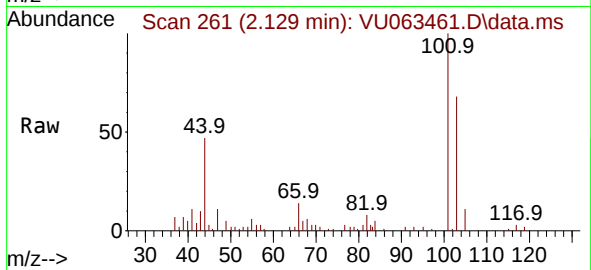




#7
Trichlorofluoromethane
Concen: 5.528 ug/l
RT: 2.129 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

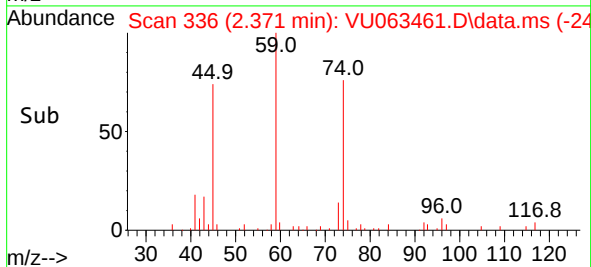
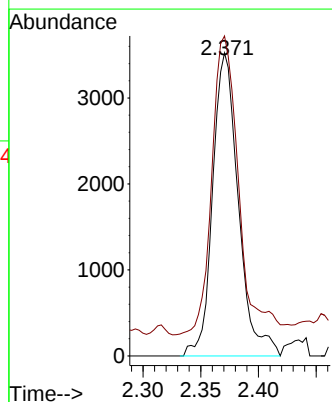
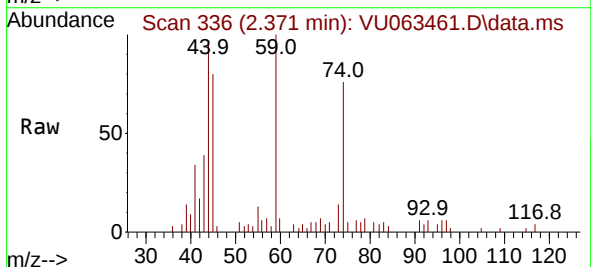
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MSVOA_U
ClientSampleId :
VSTDIC005

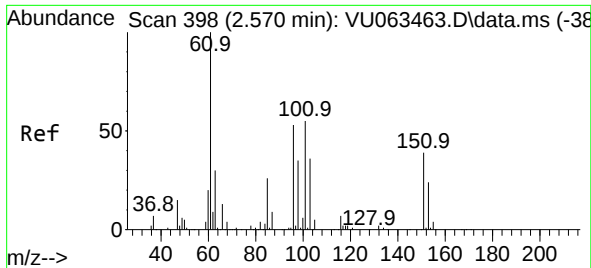
Tgt Ion:101 Resp: 13521
Ion Ratio Lower Upper
101 100
103 68.4 51.1 76.7



#8
Diethyl Ether
Concen: 5.345 ug/l
RT: 2.371 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 74 Resp: 5449
Ion Ratio Lower Upper
74 100
45 102.6 49.7 149.1

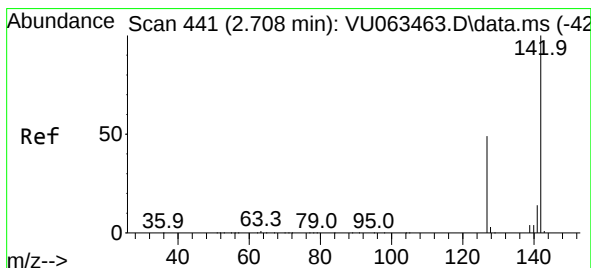
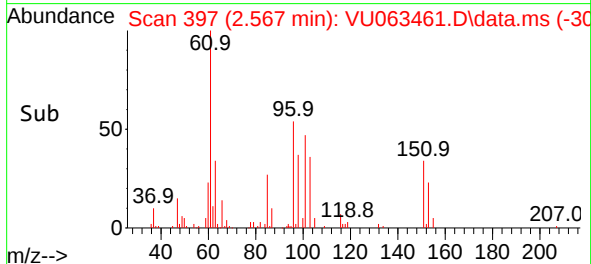
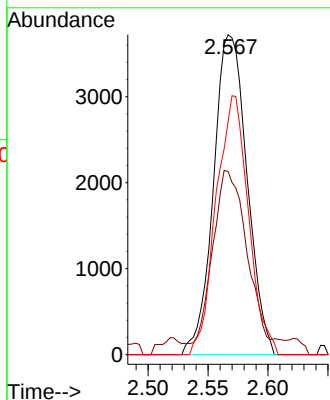
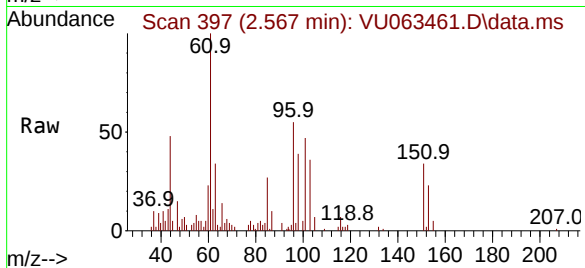




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.010 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

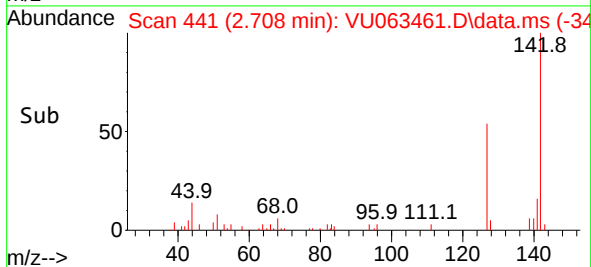
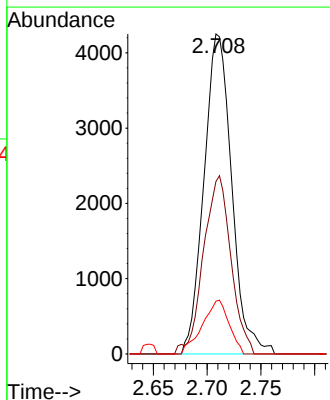
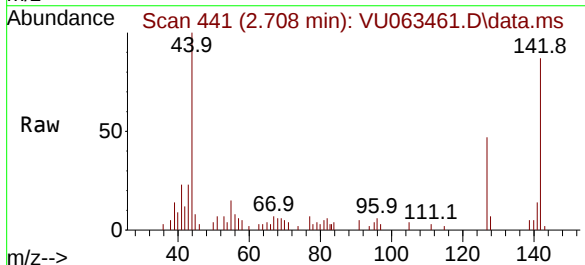
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

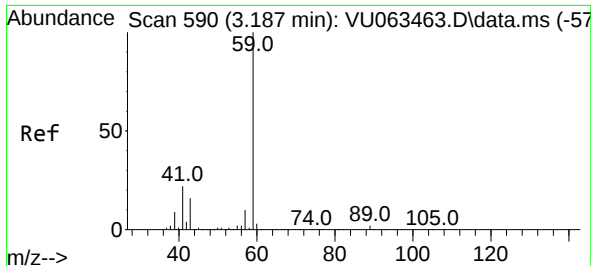
Tgt Ion:	101	Resp:	7248
Ion	Ratio	Lower	Upper
101	100		
85	55.0	39.6	59.4
151	77.9	57.2	85.8



#10
Methyl Iodide
Concen: 5.047 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:	142	Resp:	7627
Ion	Ratio	Lower	Upper
142	100		
127	54.9	38.2	57.4
141	16.1	11.1	16.7

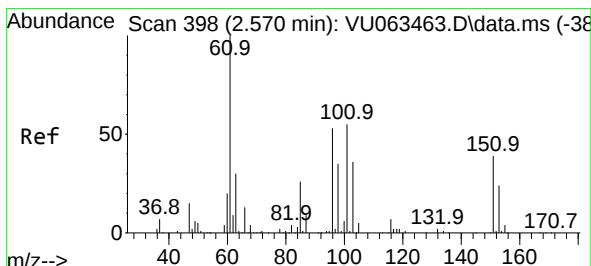
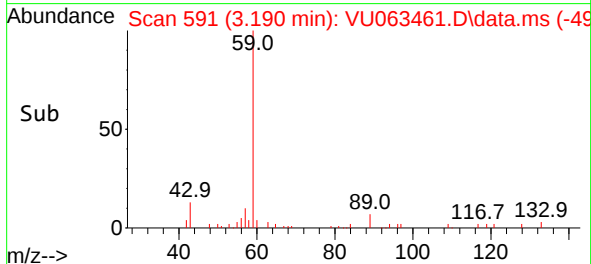
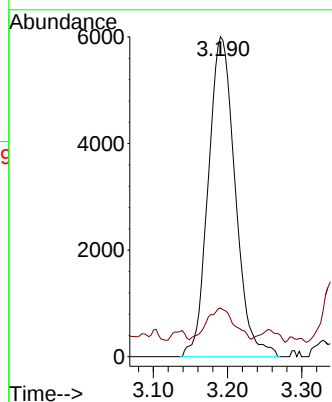
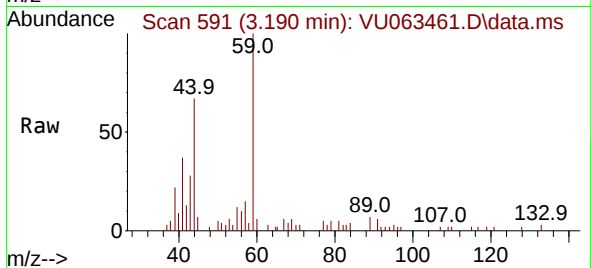




#11
Tert butyl alcohol
Concen: 25.066 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

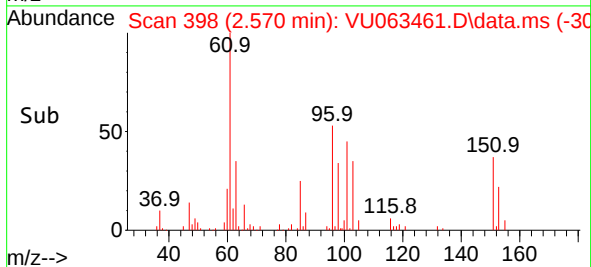
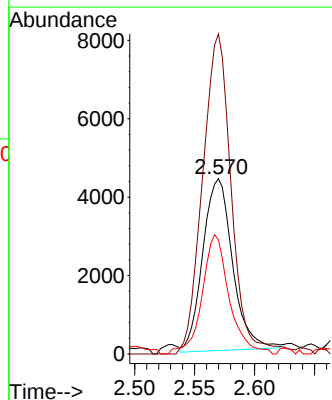
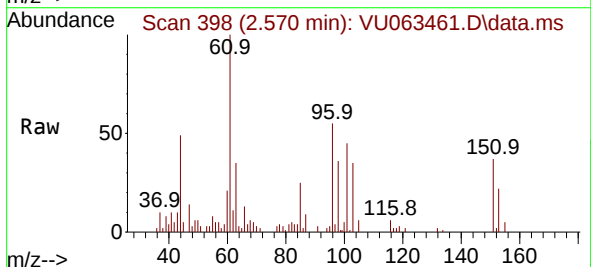
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

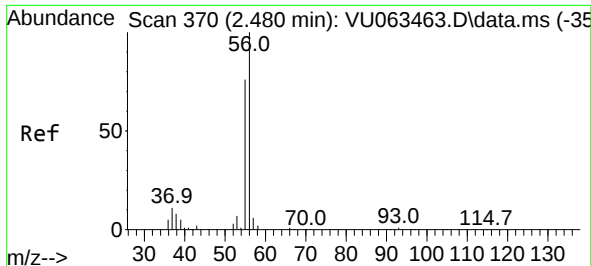
Tgt Ion: 59 Resp: 15136
Ion Ratio Lower Upper
59 100
57 11.1 8.8 13.2



#12
1,1-Dichloroethene
Concen: 5.590 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 96 Resp: 7608
Ion Ratio Lower Upper
96 100
61 186.0 149.6 224.4
98 64.4 52.0 78.0

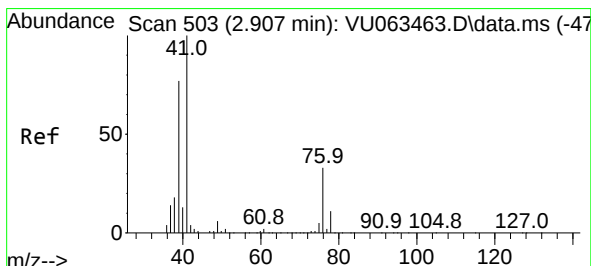
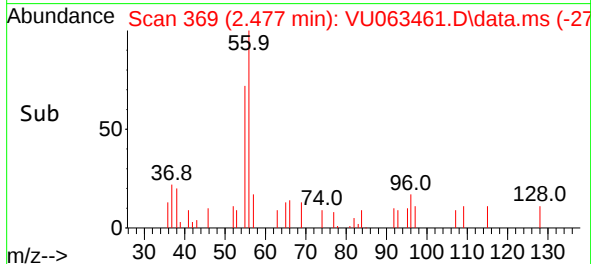
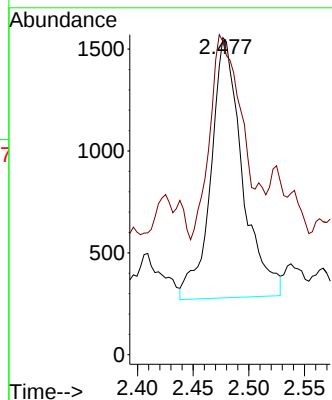
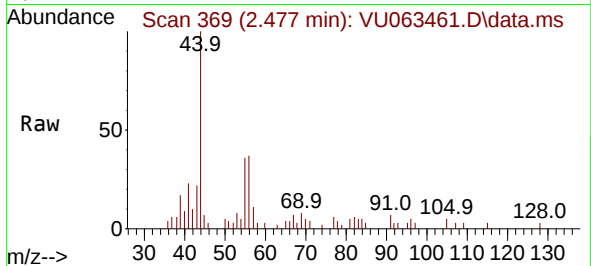




#13
Acrolein
Concen: 29.519 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

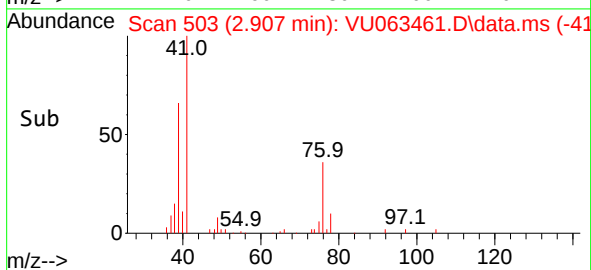
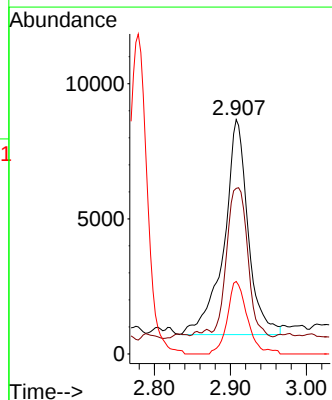
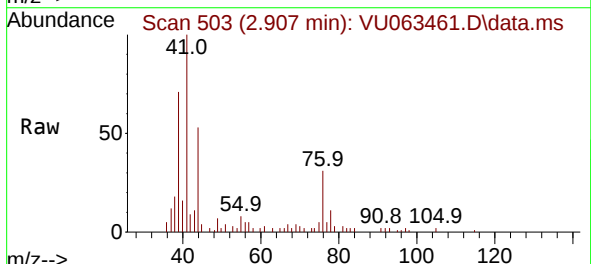
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

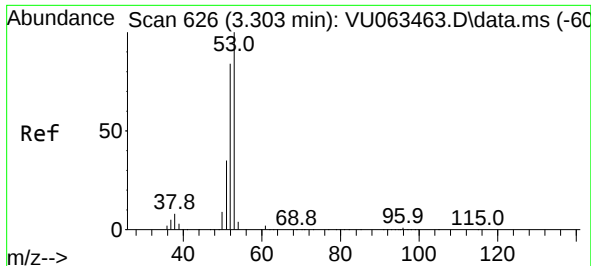
Tgt Ion: 56 Resp: 2516
Ion Ratio Lower Upper
56 100
55 77.3 60.2 90.2



#14
Allyl chloride
Concen: 5.344 ug/l
RT: 2.907 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 41 Resp: 17564
Ion Ratio Lower Upper
41 100
39 60.4 53.9 80.9
76 28.0 23.1 34.7

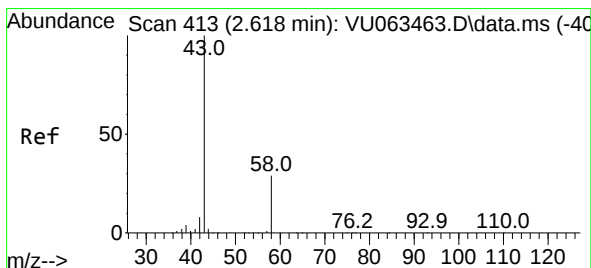
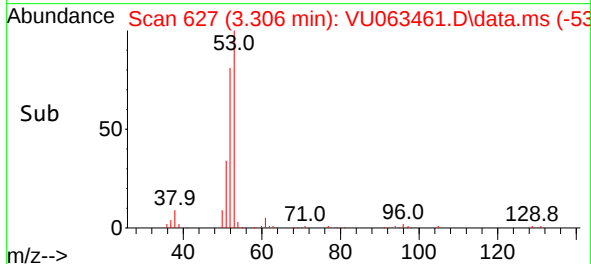
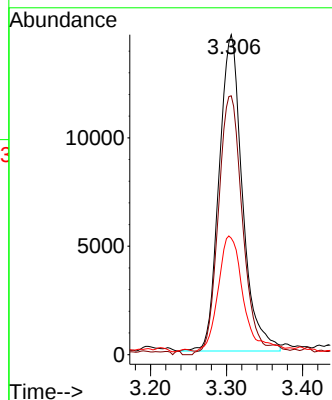
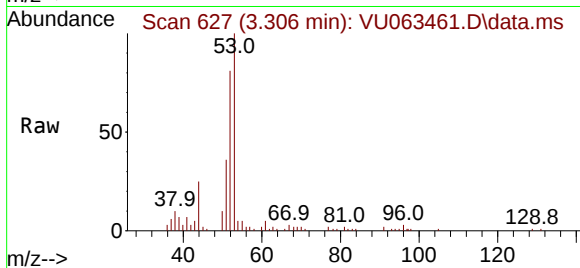




#15
Acrylonitrile
Concen: 24.071 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

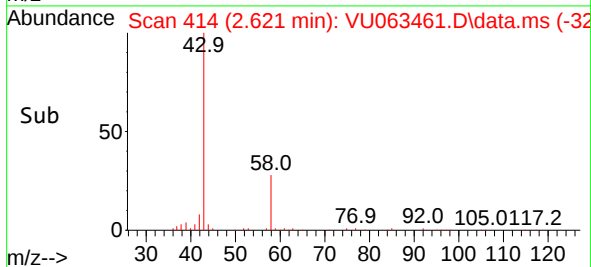
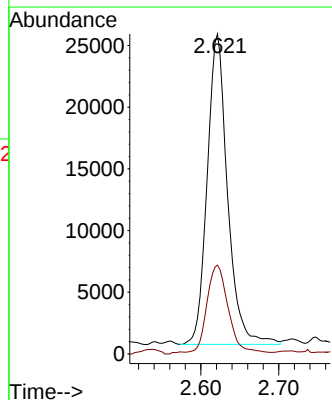
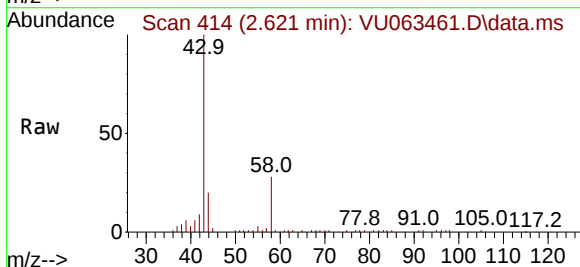
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

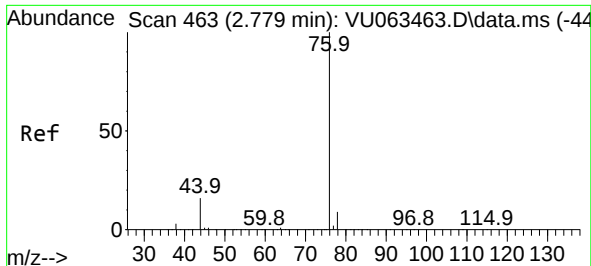
Tgt Ion: 53 Resp: 31135
Ion Ratio Lower Upper
53 100
52 84.0 65.0 97.4
51 39.1 28.8 43.2



#16
Acetone
Concen: 30.236 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 43 Resp: 45680
Ion Ratio Lower Upper
43 100
58 28.0 23.1 34.7

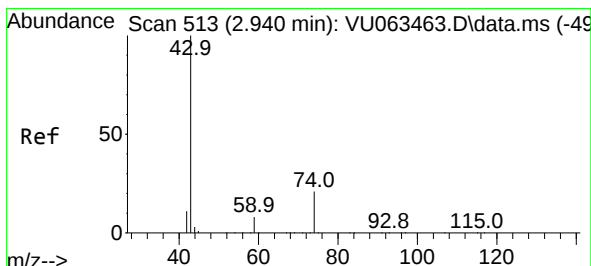
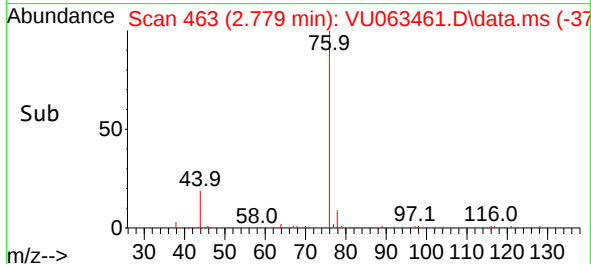
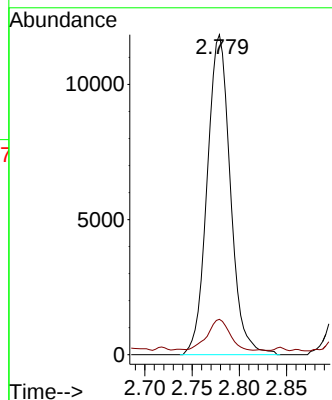
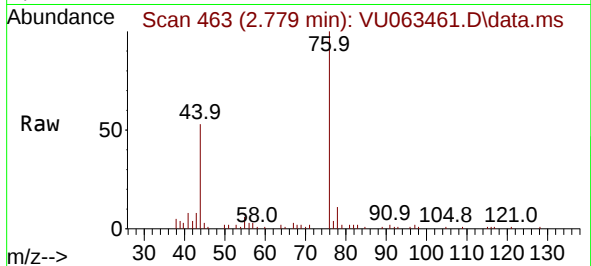




#17
Carbon Disulfide
Concen: 6.816 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

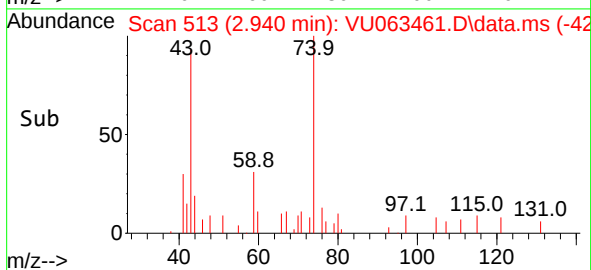
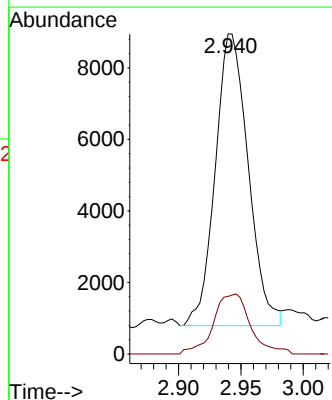
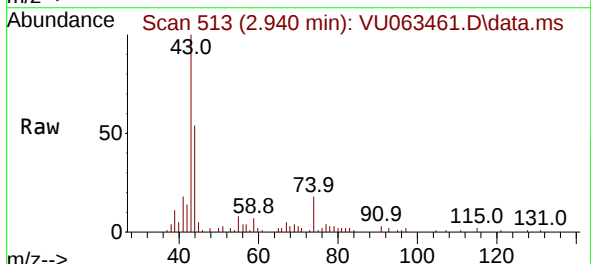
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

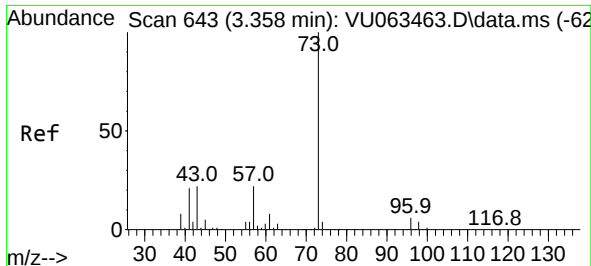
Tgt Ion: 76 Resp: 20182
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 3.800 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 43 Resp: 15035
Ion Ratio Lower Upper
43 100
74 23.1 17.3 25.9

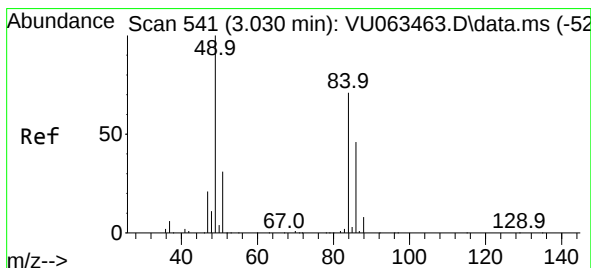
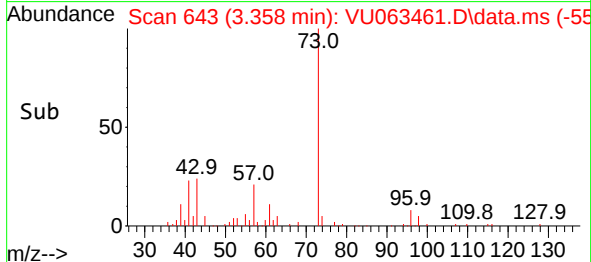
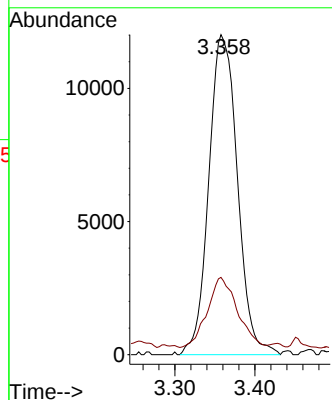
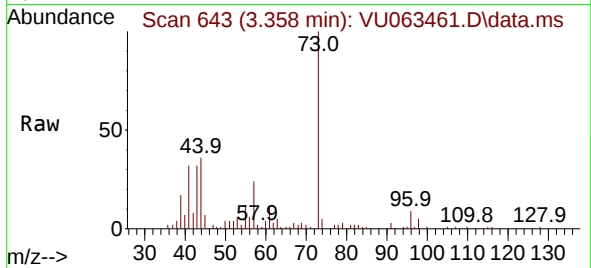




#19
Methyl tert-butyl Ether
Concen: 5.143 ug/l
RT: 3.358 min Scan# 643
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

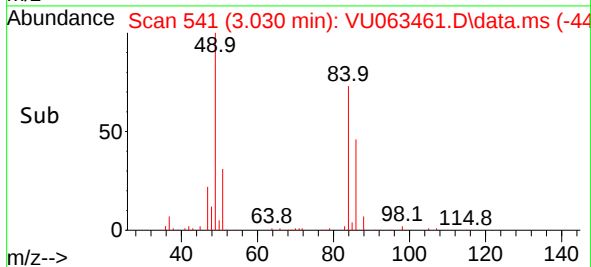
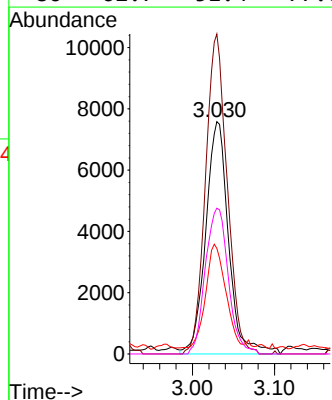
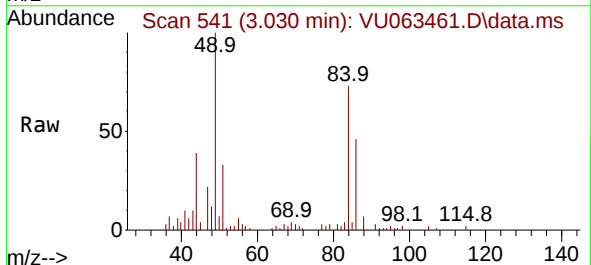
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

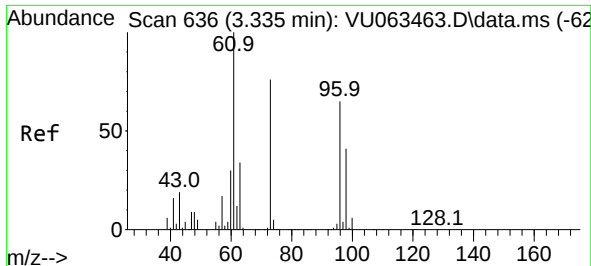
Tgt Ion: 73 Resp: 29871
Ion Ratio Lower Upper
73 100
57 21.9 17.8 26.6



#20
Methylene Chloride
Concen: 6.088 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 84 Resp: 14725
Ion Ratio Lower Upper
84 100
49 137.8 112.1 168.1
51 42.9 34.4 51.6
86 62.7 51.4 77.0

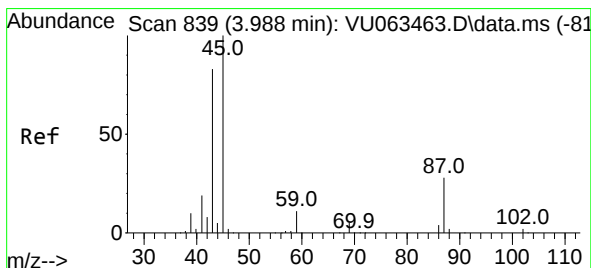
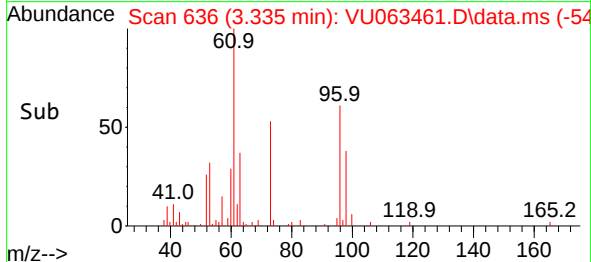
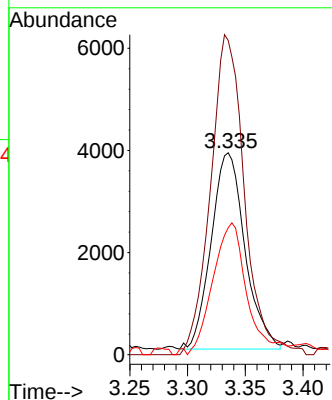
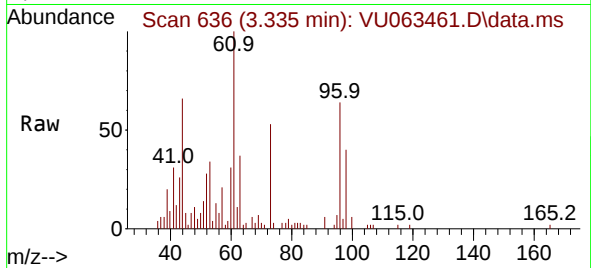




#21
trans-1,2-Dichloroethene
Concen: 5.492 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

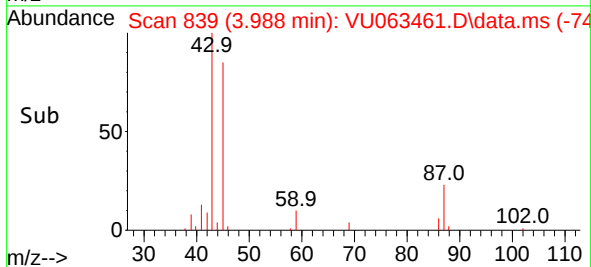
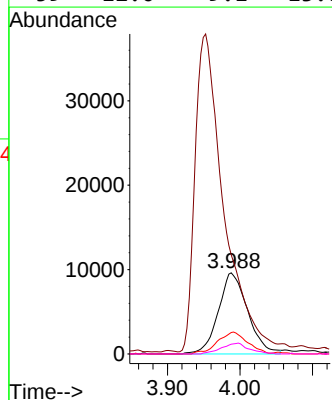
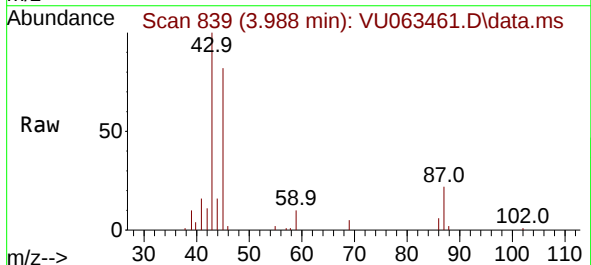
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 7828
Ion Ratio Lower Upper
96 100
61 160.1 122.2 183.4
98 61.8 49.9 74.9



#22
Diisopropyl ether
Concen: 4.957 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 45 Resp: 27055
Ion Ratio Lower Upper
45 100
43 119.3 66.5 99.7#
87 26.5 22.6 33.8
59 12.0 9.1 13.7

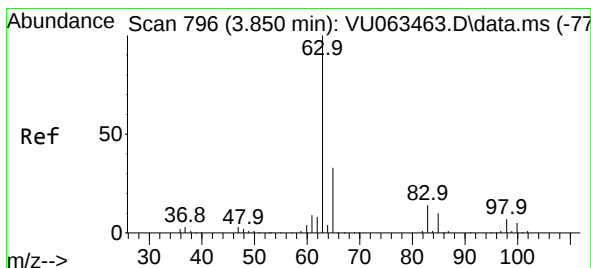
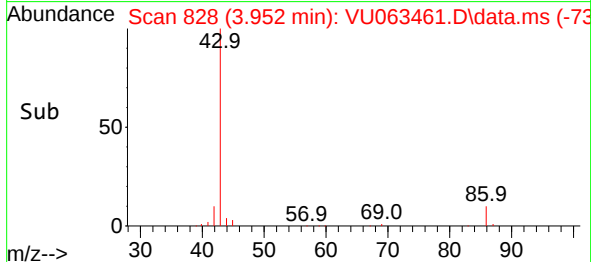
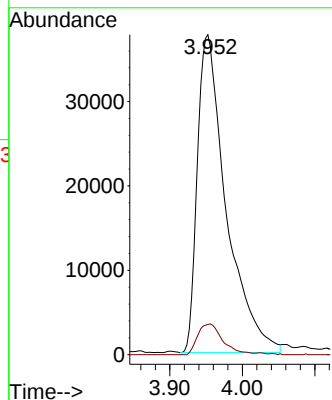
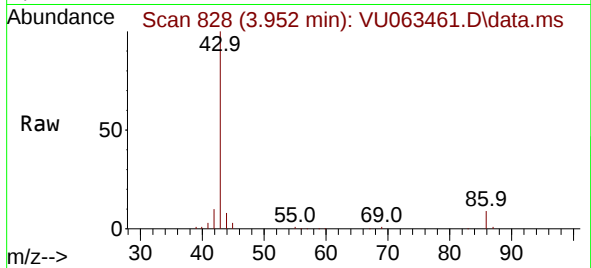




#23
 Vinyl Acetate
 Concen: 24.570 ug/l
 RT: 3.952 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

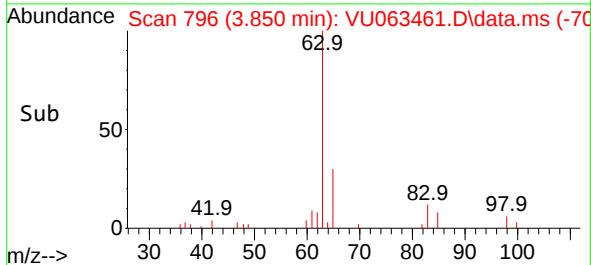
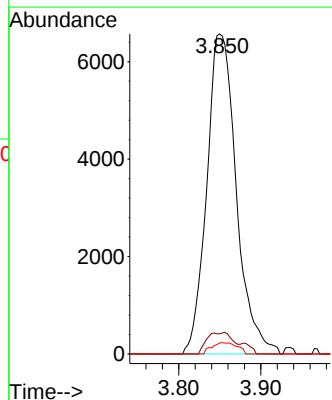
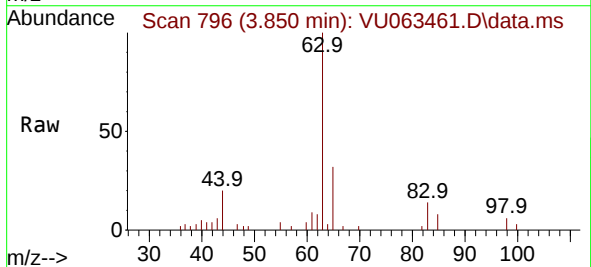
Instrument :
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 ClientSampleId :
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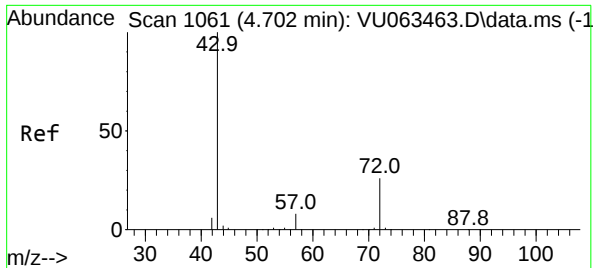
Tgt Ion: 43 Resp: 104062
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 5.321 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

Tgt Ion: 63 Resp: 16484
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 3.4 2.3 6.8

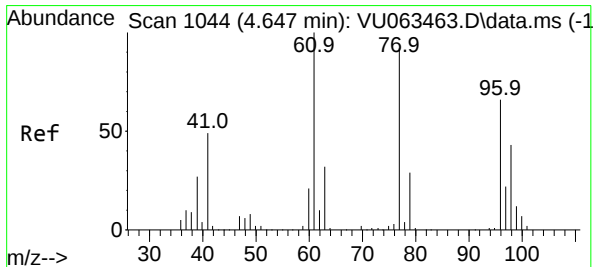
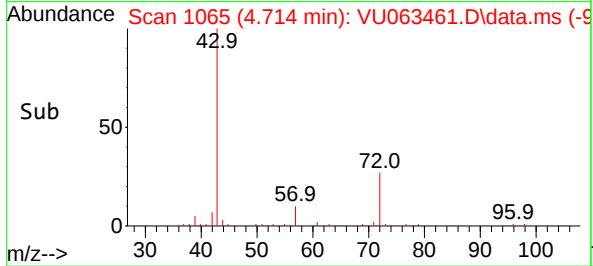
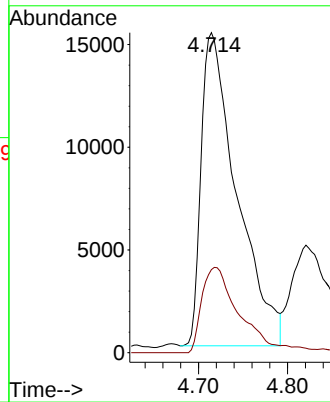
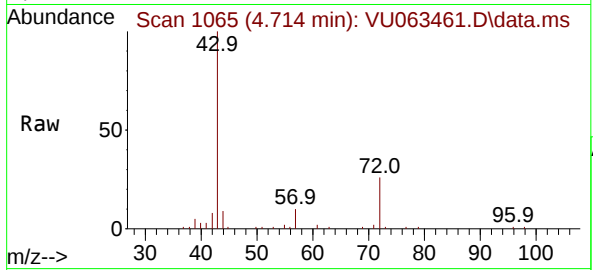




#25
2-Butanone
Concen: 25.018 ug/l
RT: 4.714 min Scan# 1065
Delta R.T. 0.013 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

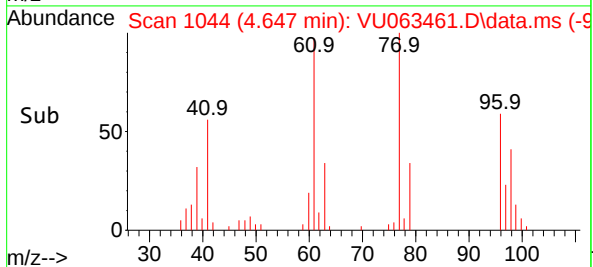
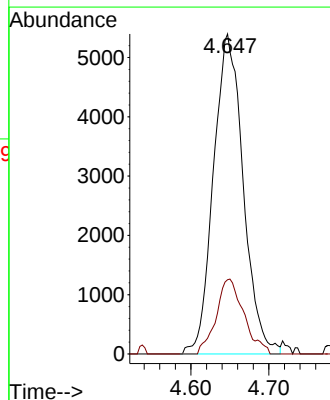
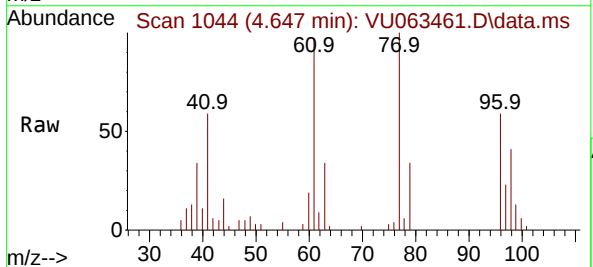
Instrument :
MSVOA_U
ClientSampleId :
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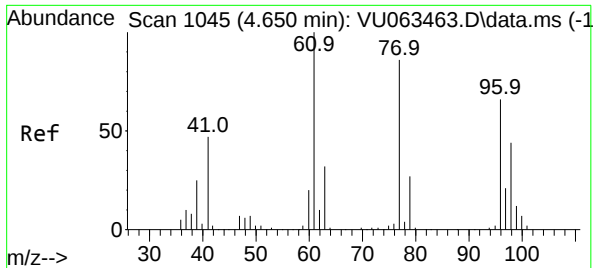
Tgt Ion: 43 Resp: 42431
Ion Ratio Lower Upper
43 100
72 26.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 5.206 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 77 Resp: 14324
Ion Ratio Lower Upper
77 100
97 21.7 11.8 35.3

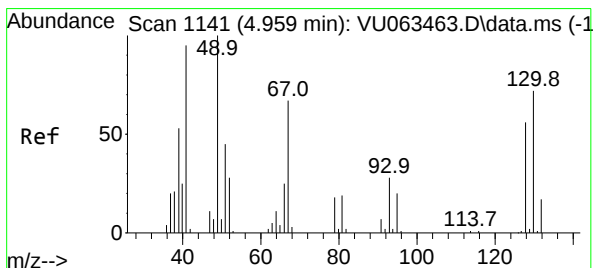
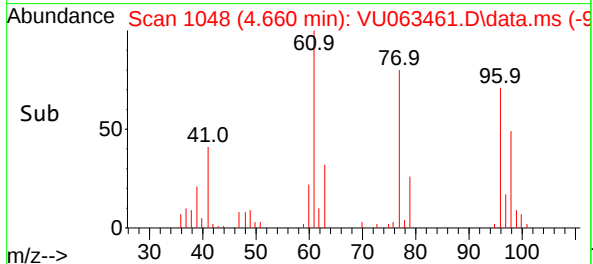
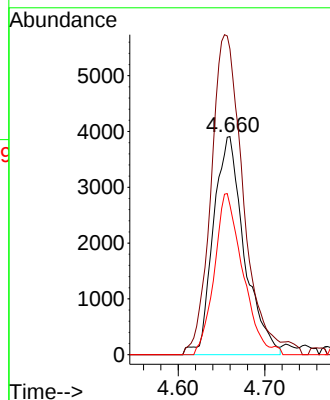
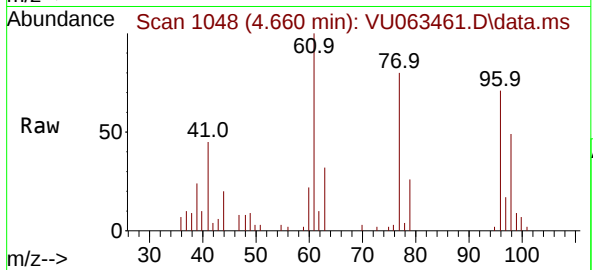




#27
 cis-1,2-Dichloroethene
 Concen: 5.075 ug/l
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.010 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

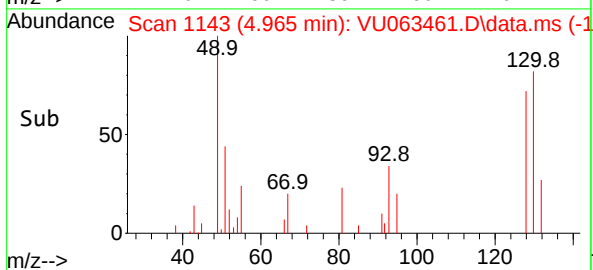
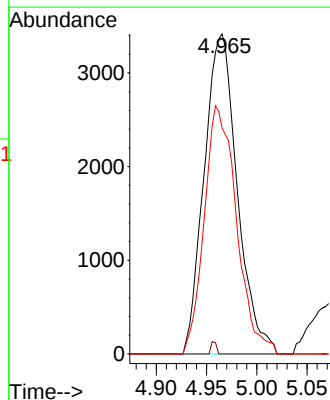
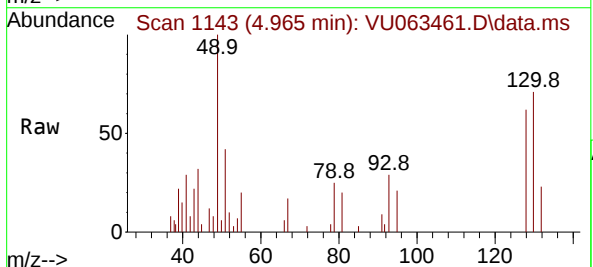
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

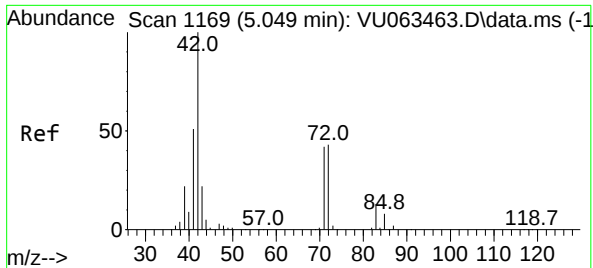
Tgt Ion:	96	Resp:	9693
Ion	Ratio	Lower	Upper
96	100		
61	151.4	0.0	307.2
98	67.2	0.0	133.0



#28
 Bromochloromethane
 Concen: 5.377 ug/l
 RT: 4.965 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

Tgt Ion:	49	Resp:	7824
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	3.8
130	75.4	59.0	88.4





#29

Tetrahydrofuran

Concen: 22.734 ug/l

RT: 5.059 min Scan# 1172

Delta R.T. 0.010 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

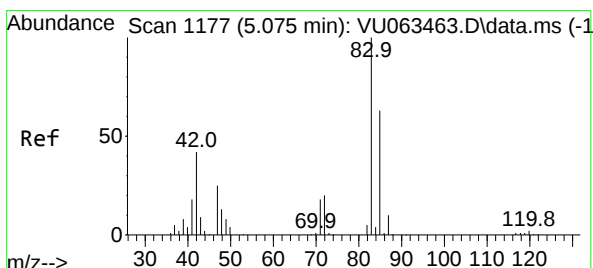
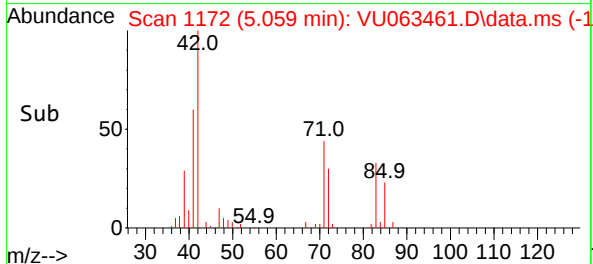
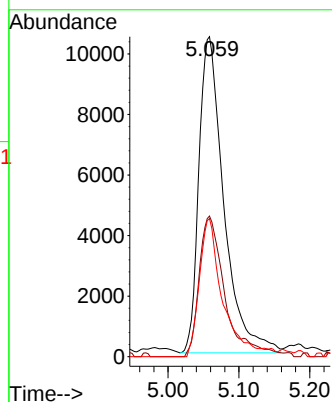
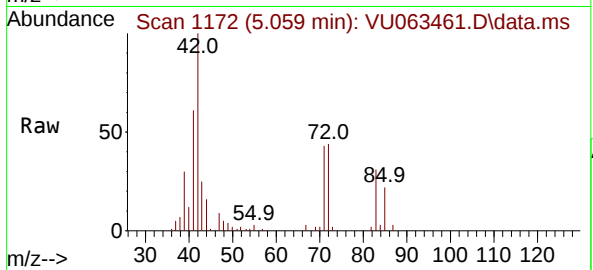
Tgt Ion: 42 Resp: 25549

Ion Ratio Lower Upper

42 100

72 45.8 36.2 54.4

71 39.9 33.3 49.9



#30

Chloroform

Concen: 5.097 ug/l

RT: 5.078 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU063461.D

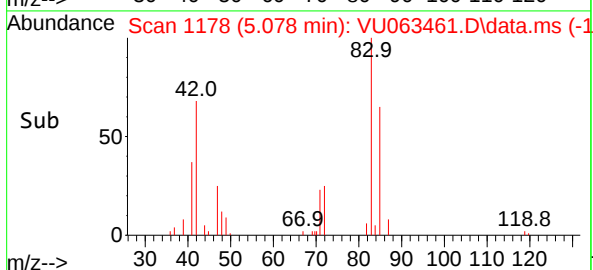
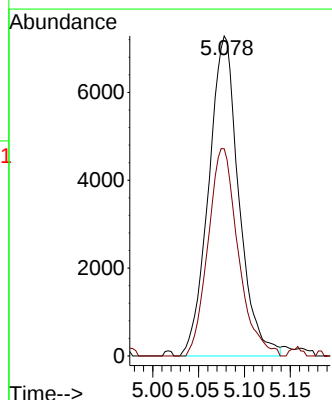
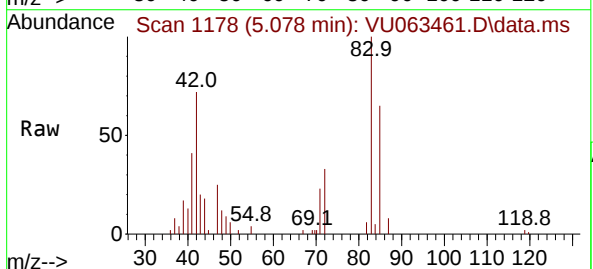
Acq: 08 Jul 2025 12:27

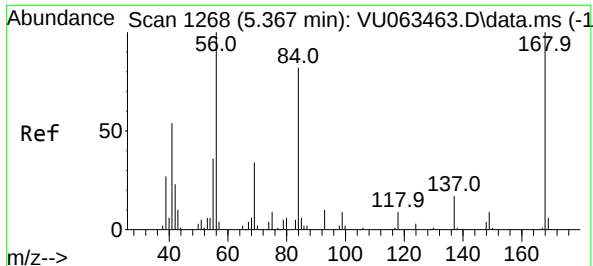
Tgt Ion: 83 Resp: 16670

Ion Ratio Lower Upper

83 100

85 64.8 50.7 76.1

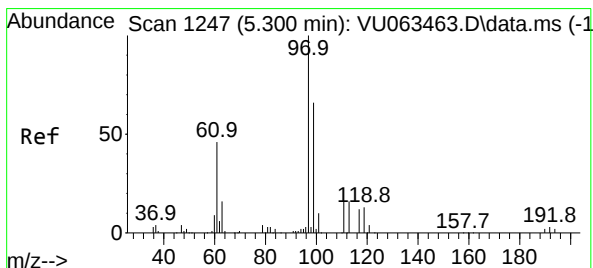
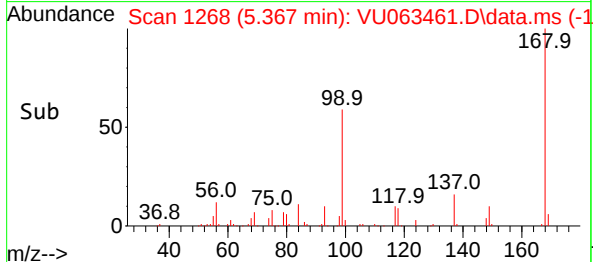
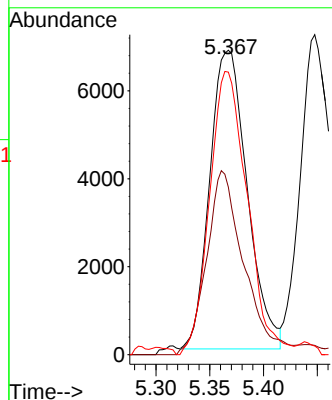
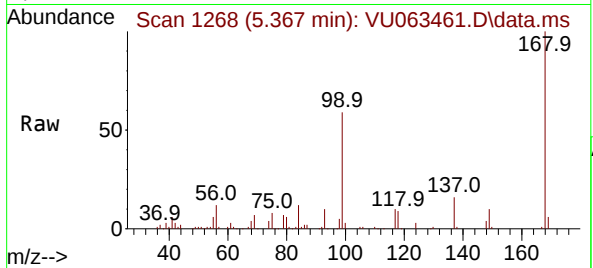




#31
Cyclohexane
Concen: 6.614 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

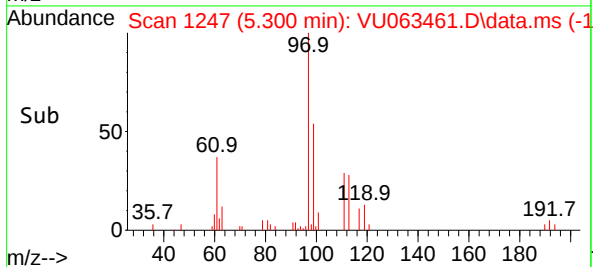
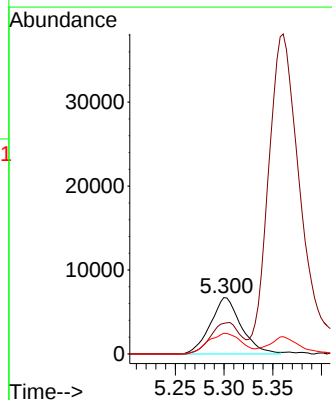
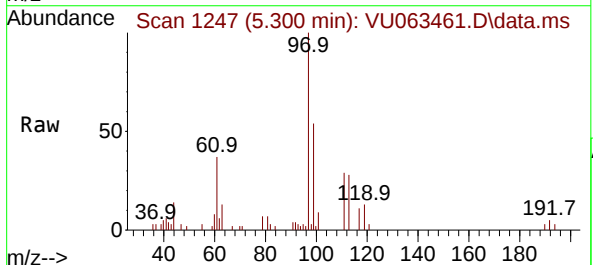
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

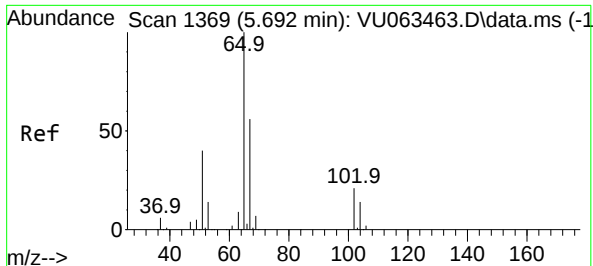
Tgt Ion: 56 Resp: 16494
Ion Ratio Lower Upper
56 100
69 54.4 27.0 40.4#
84 94.6 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 5.299 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 97 Resp: 14756
Ion Ratio Lower Upper
97 100
99 52.6 50.4 75.6
61 39.8 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 5.991 ug/l

RT: 5.698 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

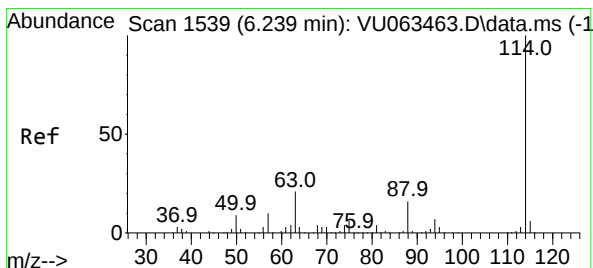
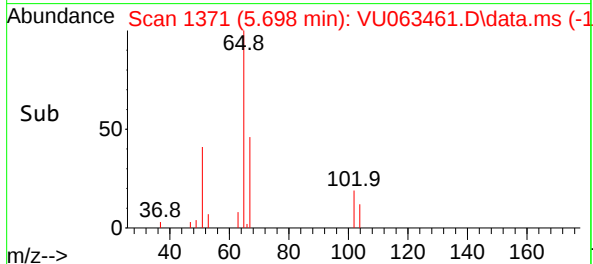
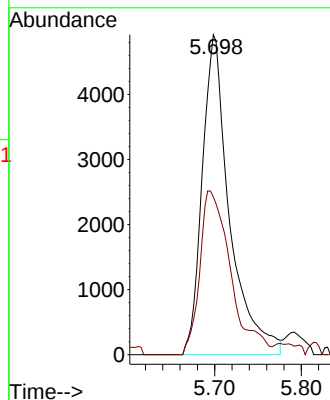
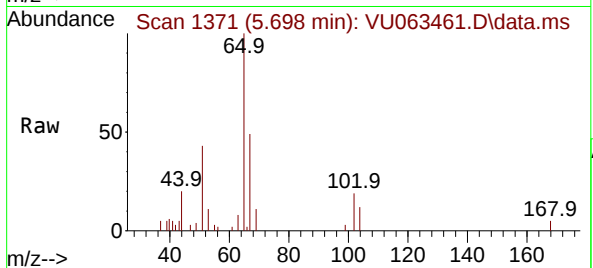
VSTDICC005

Tgt Ion: 65 Resp: 10790

Ion Ratio Lower Upper

65 100

67 57.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.239 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

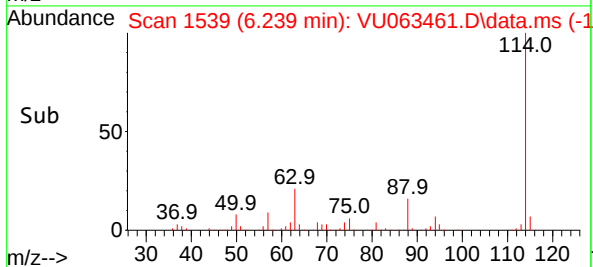
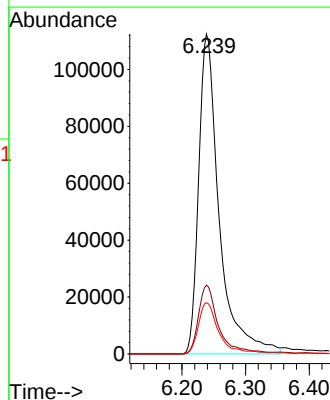
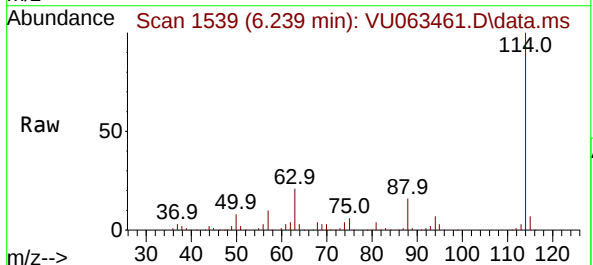
Tgt Ion: 114 Resp: 251950

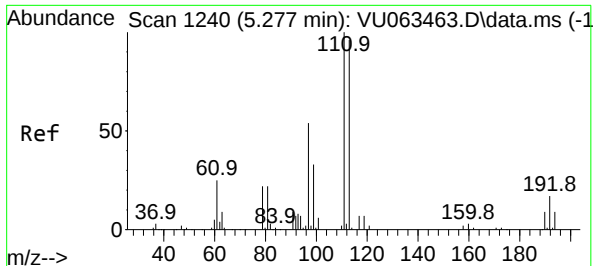
Ion Ratio Lower Upper

114 100

63 21.5 0.0 41.6

88 16.0 0.0 32.0





#35

Dibromofluoromethane

Concen: 5.780 ug/l

RT: 5.280 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

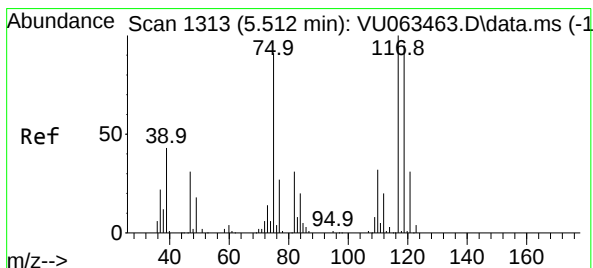
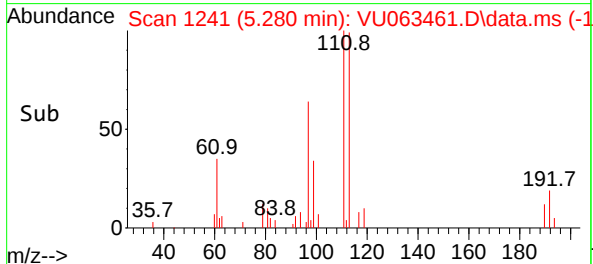
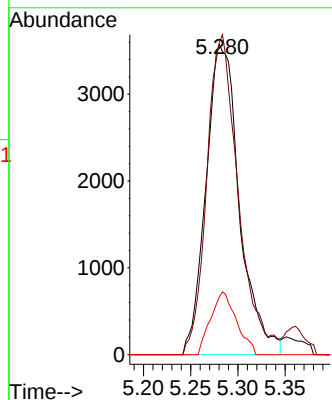
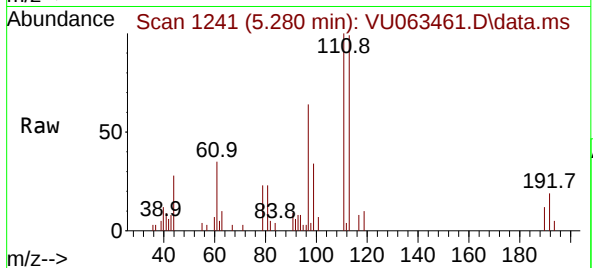
Tgt Ion:113 Resp: 8778

Ion Ratio Lower Upper

113 100

111 97.5 82.1 123.1

192 15.6 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.000 ug/l

RT: 5.515 min Scan# 1314

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

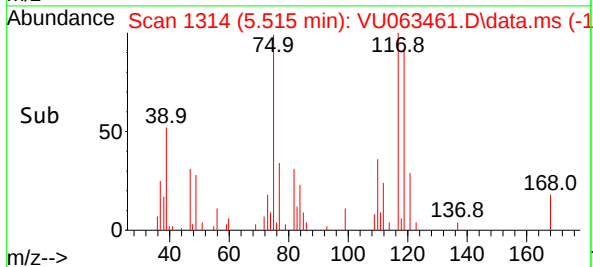
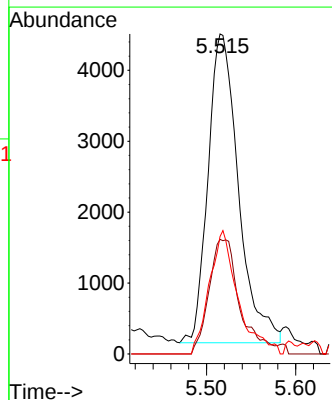
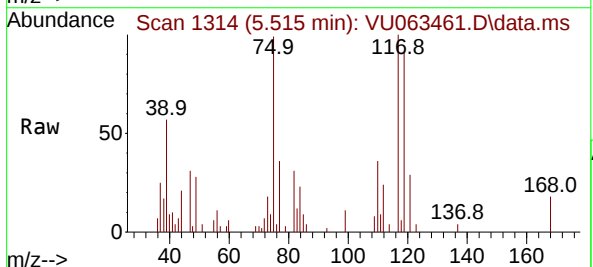
Tgt Ion: 75 Resp: 10318

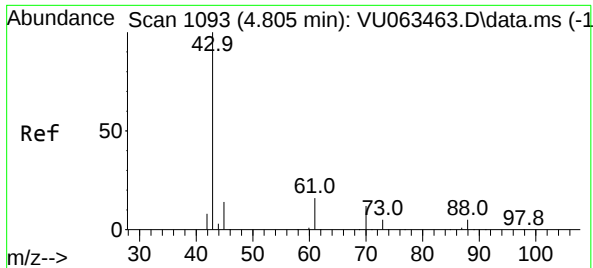
Ion Ratio Lower Upper

75 100

110 37.3 17.3 52.0

77 37.4 23.9 35.9#





#37

Ethyl Acetate

Concen: 4.580 ug/l

RT: 4.821 min Scan# 1098

Delta R.T. 0.016 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

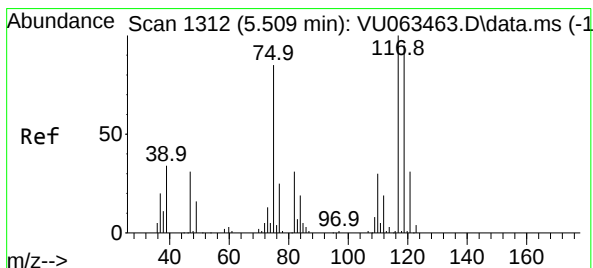
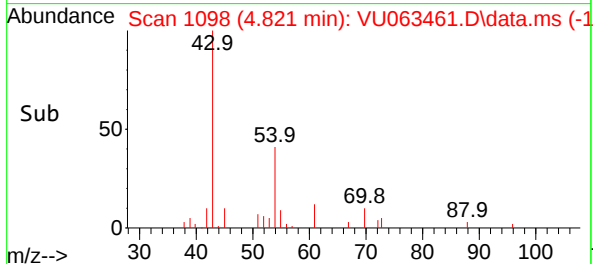
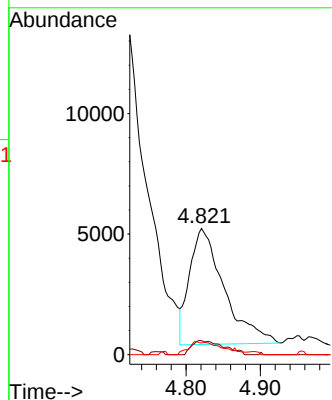
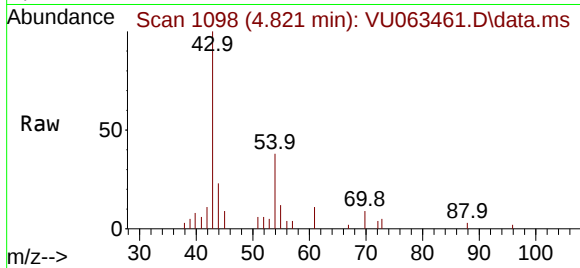
Tgt Ion: 43 Resp: 15617

Ion Ratio Lower Upper

43 100

61 11.1 10.4 15.6

70 4.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 5.080 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

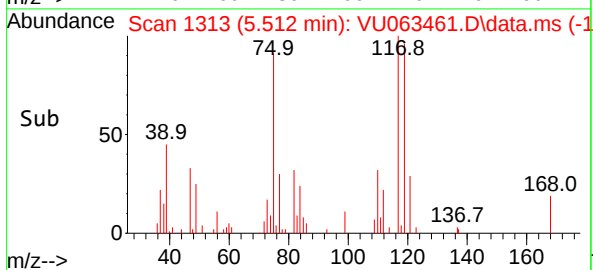
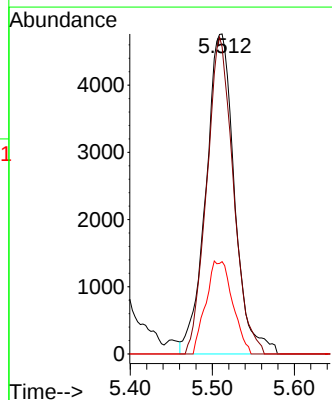
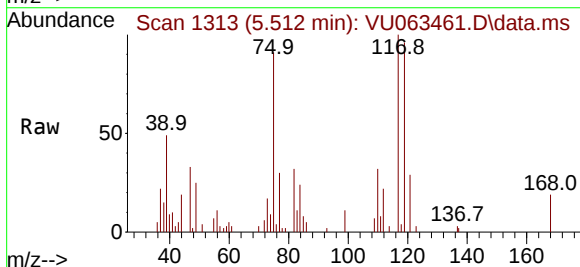
Tgt Ion: 117 Resp: 11551

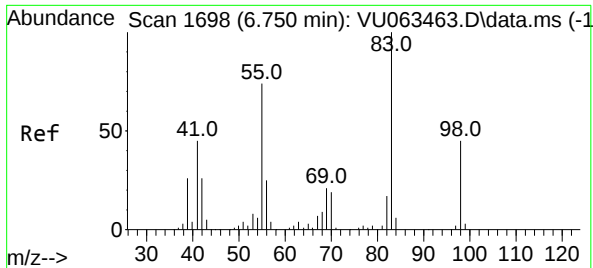
Ion Ratio Lower Upper

117 100

119 95.9 76.1 114.1

121 28.8 25.0 37.4

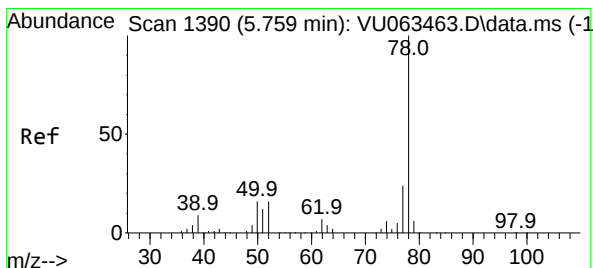
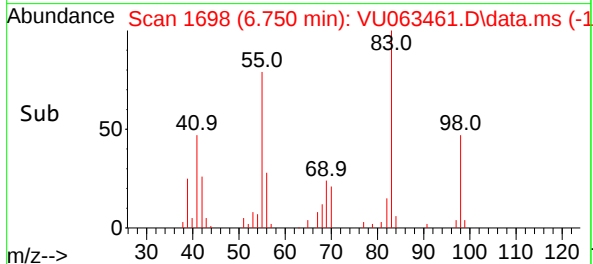
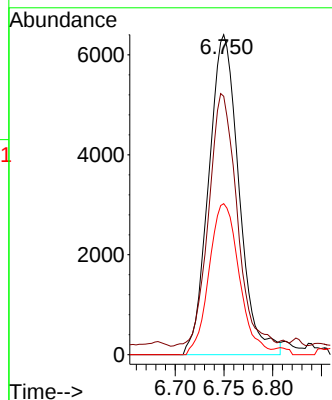
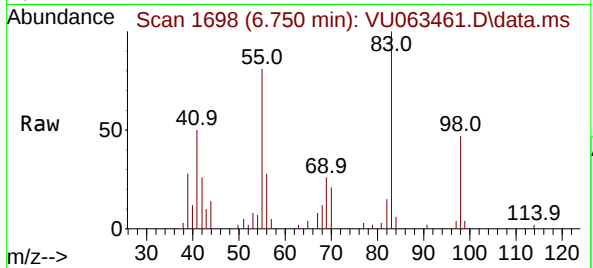




#39
Methylcyclohexane
Concen: 5.554 ug/l
RT: 6.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

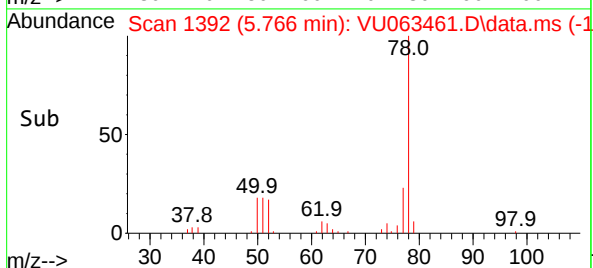
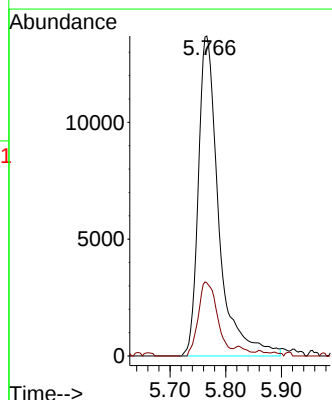
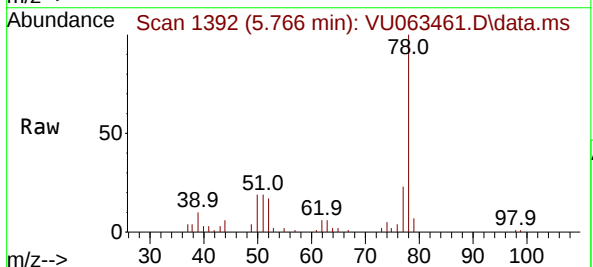
Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Tgt Ion:	83	Resp:	13848
Ion	Ratio	Lower	Upper
83	100		
55	77.3	59.4	89.2
98	47.2	36.2	54.4



#40
Benzene
Concen: 5.421 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:	78	Resp:	34939
Ion	Ratio	Lower	Upper
78	100		
77	22.8	19.0	28.4

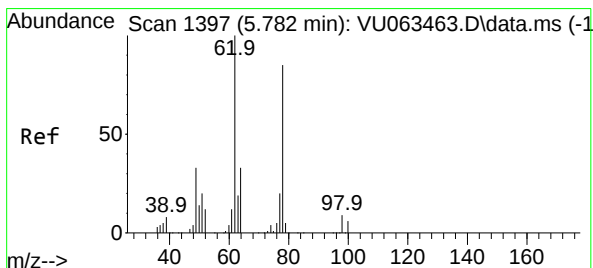
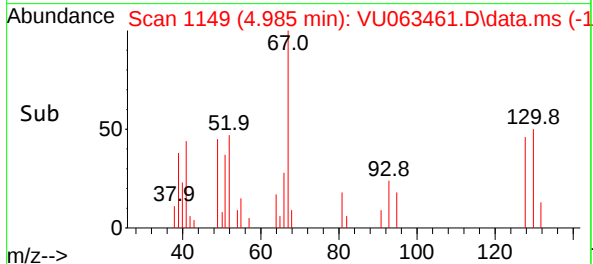
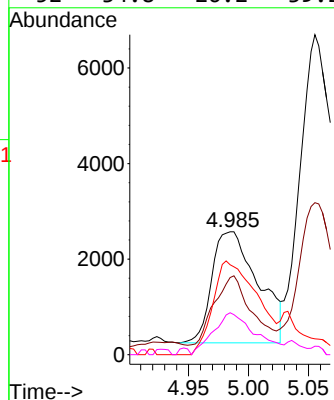
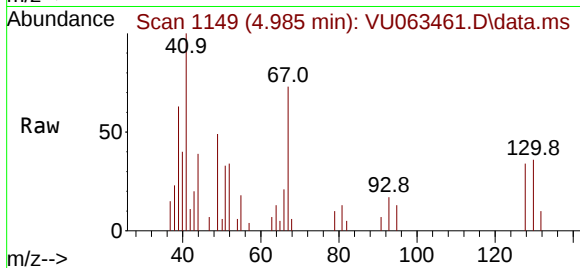




#41
Methacrylonitrile
Concen: 4.063 ug/l
RT: 4.985 min Scan# 1149
Delta R.T. 0.019 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

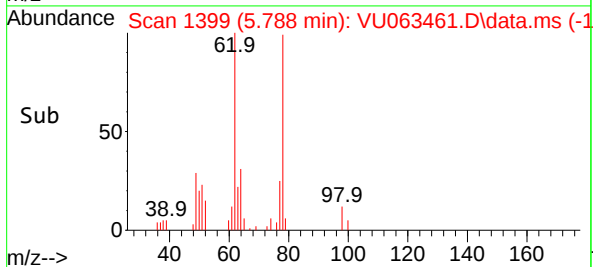
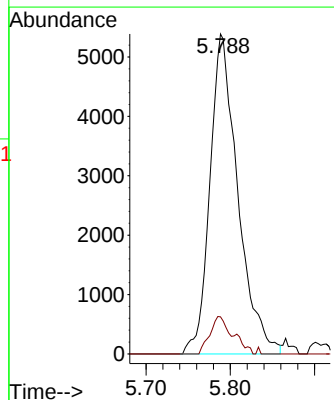
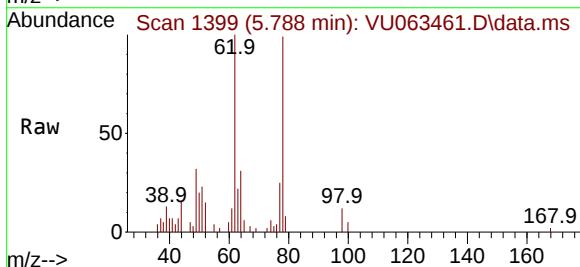
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

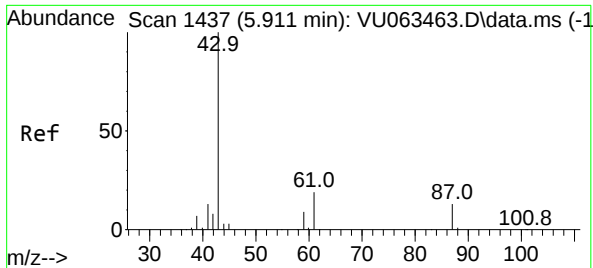
Tgt Ion:	41	Resp:	6215
Ion	Ratio	Lower	Upper
41	100		
39	50.3	43.6	65.4
67	81.2	62.8	94.2
52	34.8	26.2	39.2



#42
1,2-Dichloroethane
Concen: 5.118 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:	62	Resp:	12403
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	17.6

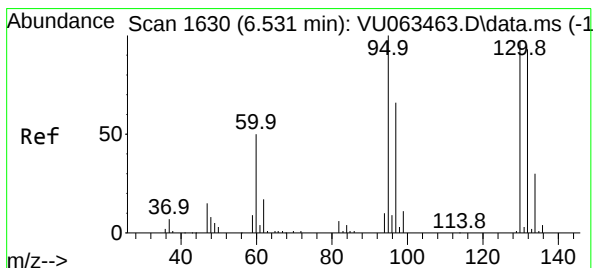
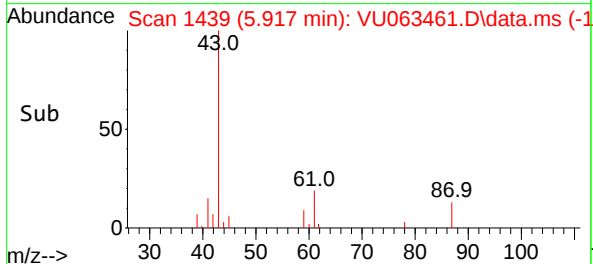
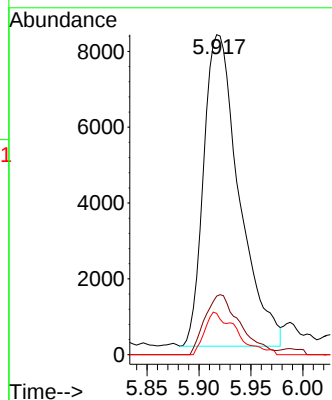
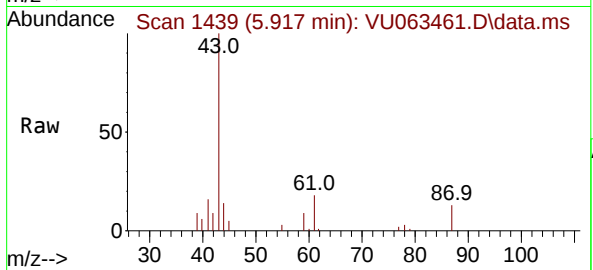




#43
Isopropyl Acetate
Concen: 4.402 ug/l
RT: 5.917 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

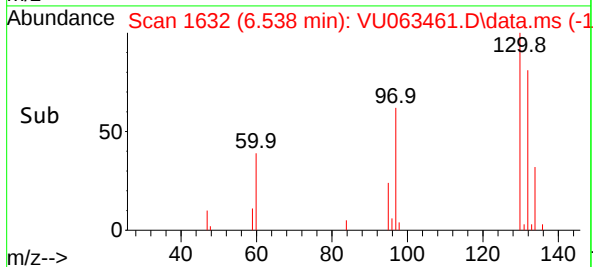
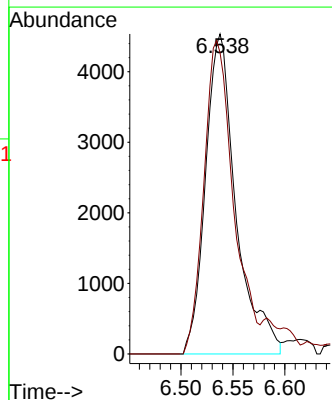
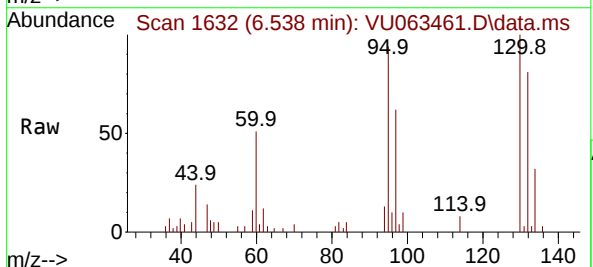
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

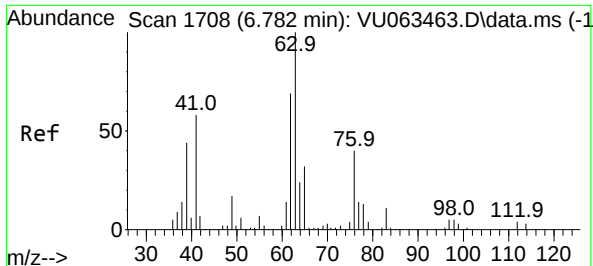
Tgt Ion:	43	Resp:	19542
Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	12.3	10.5	15.7



#44
Trichloroethene
Concen: 5.386 ug/l
RT: 6.538 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:	130	Resp:	9289
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	206.4





#45

1,2-Dichloropropane

Concen: 5.180 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

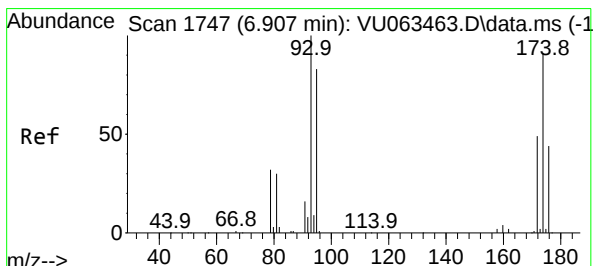
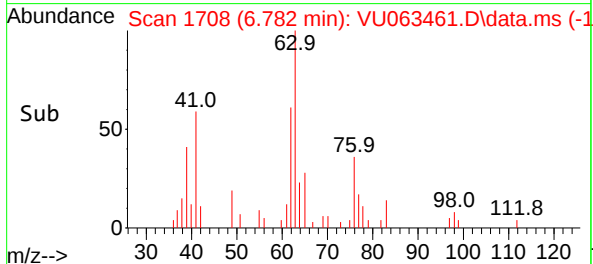
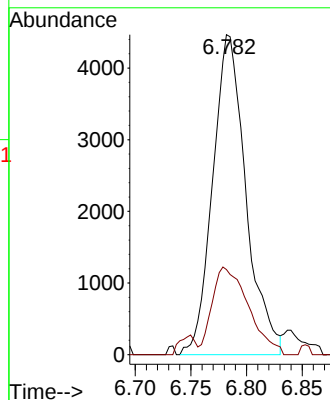
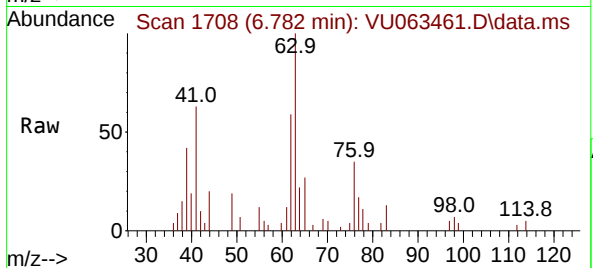
VSTDICC005

Tgt Ion: 63 Resp: 9280

Ion Ratio Lower Upper

63 100

65 24.1 25.3 37.9#



#46

Dibromomethane

Concen: 5.019 ug/l

RT: 6.911 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

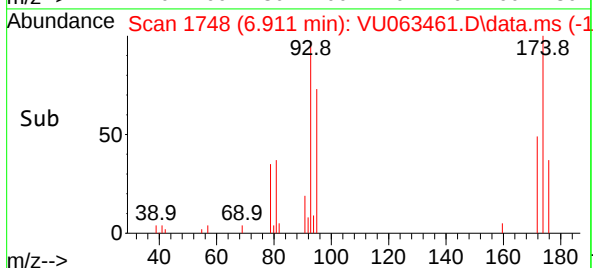
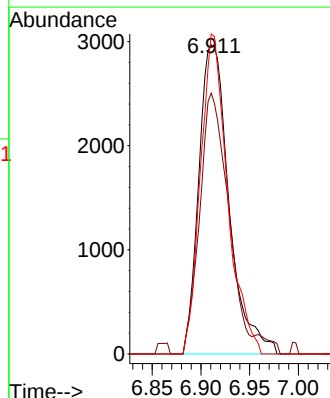
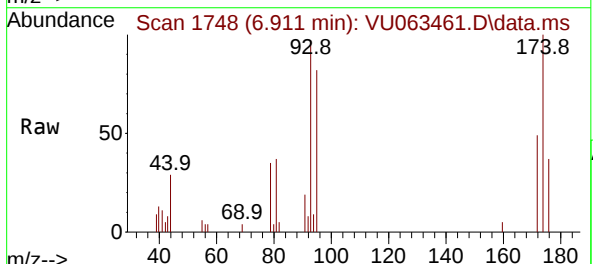
Tgt Ion: 93 Resp: 6398

Ion Ratio Lower Upper

93 100

95 79.9 67.5 101.3

174 92.8 73.1 109.7





#47

Bromodichloromethane

Concen: 4.950 ug/l

RT: 7.097 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

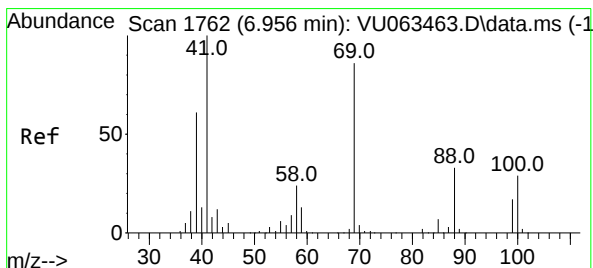
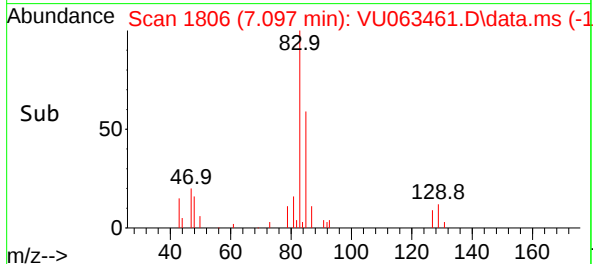
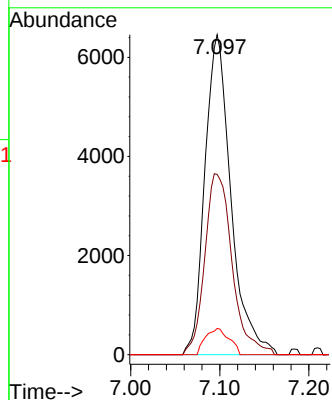
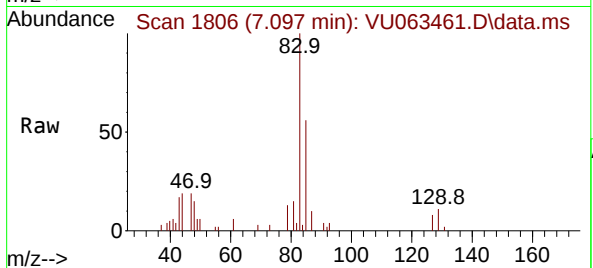
Tgt Ion: 83 Resp: 13121

Ion Ratio Lower Upper

83 100

85 56.4 51.4 77.0

127 8.2 7.0 10.4



#48

Methyl methacrylate

Concen: 4.488 ug/l

RT: 6.962 min Scan# 1764

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

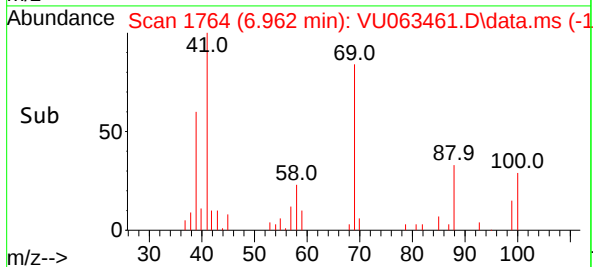
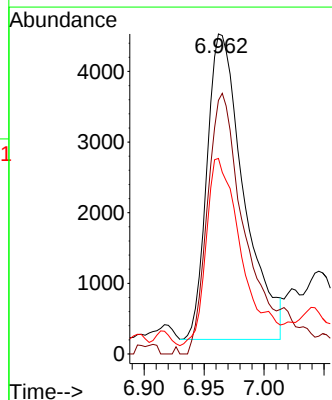
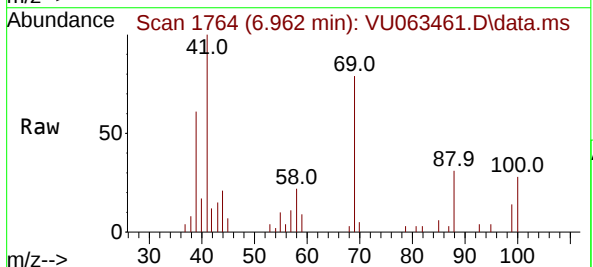
Tgt Ion: 41 Resp: 9208

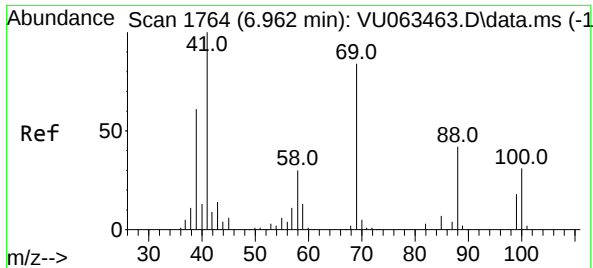
Ion Ratio Lower Upper

41 100

69 85.2 69.8 104.8

39 59.4 48.3 72.5

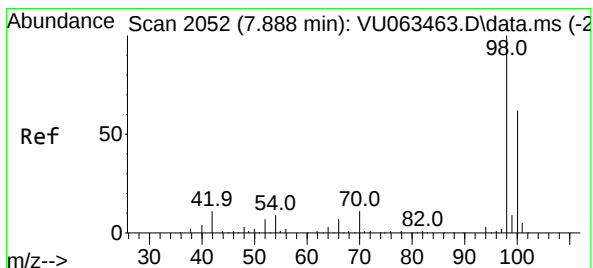
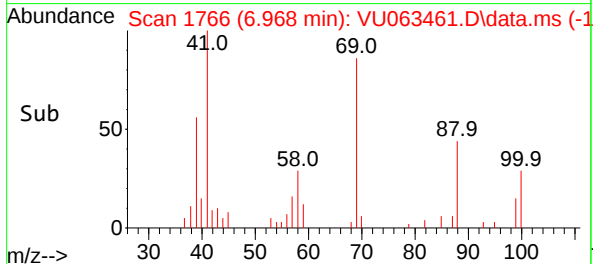
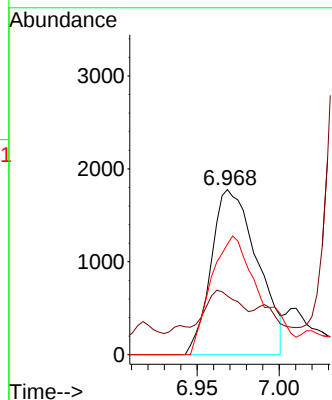
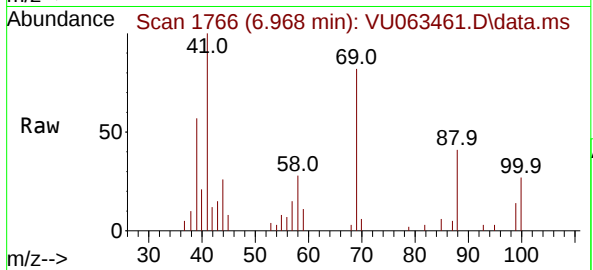




#49
1,4-Dioxane
Concen: 77.185 ug/l
RT: 6.968 min Scan# 1764
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

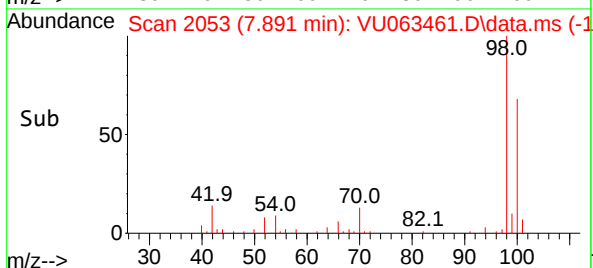
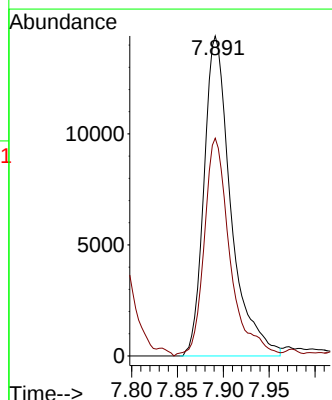
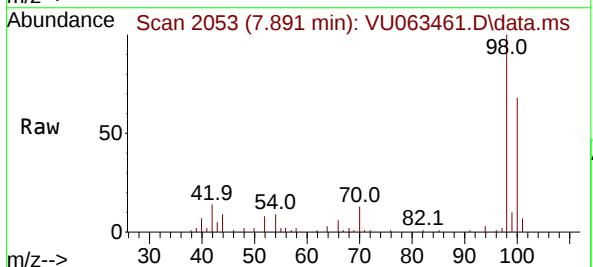
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

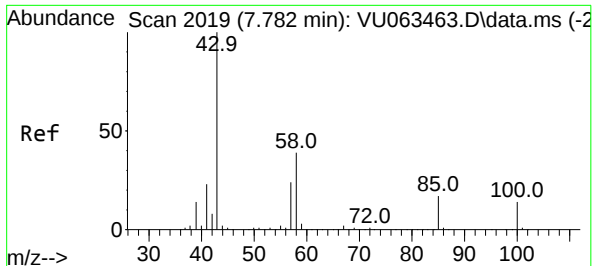
Tgt Ion: 88 Resp: 3475
Ion Ratio Lower Upper
88 100
43 15.3 25.6 38.4#
58 77.6 55.0 82.6



#50
Toluene-d8
Concen: 5.924 ug/l
RT: 7.891 min Scan# 2053
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 98 Resp: 29326
Ion Ratio Lower Upper
98 100
100 65.1 48.1 72.1

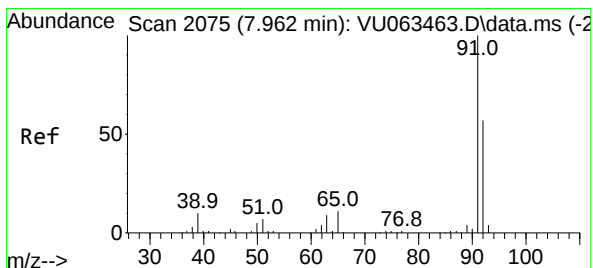
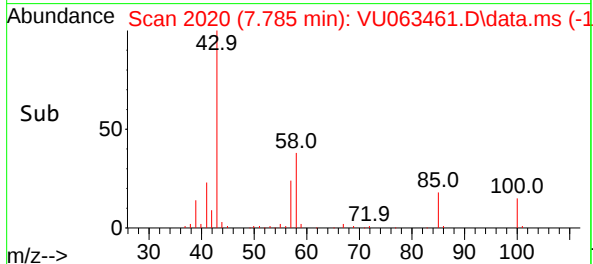
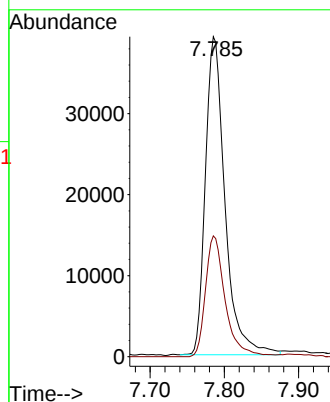
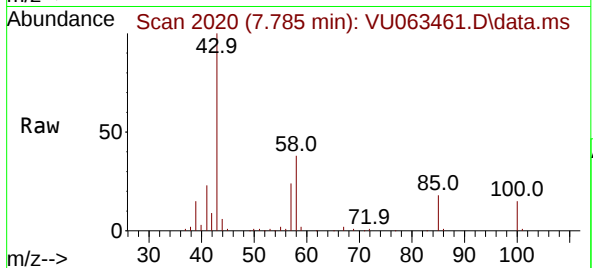




#51
4-Methyl-2-Pentanone
Concen: 22.396 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

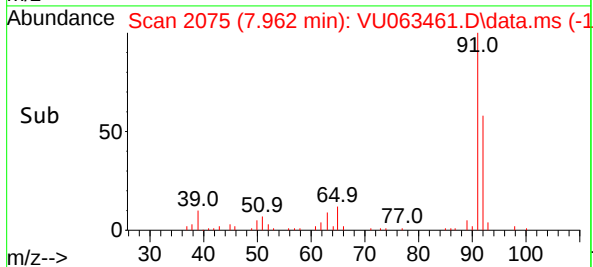
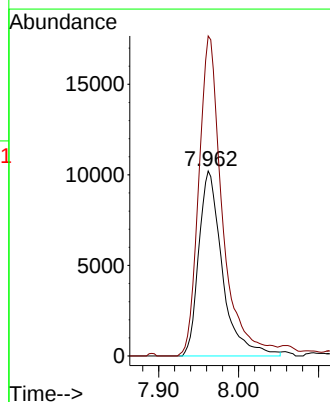
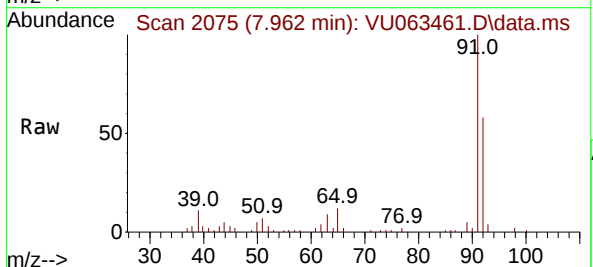
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

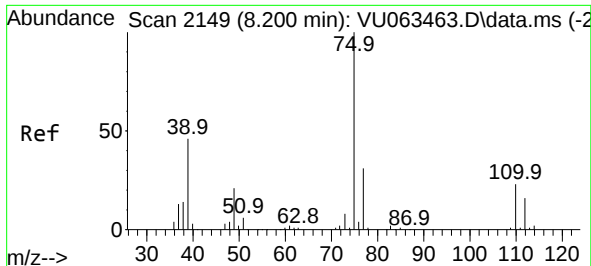
Tgt Ion: 43 Resp: 71958
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.4



#52
Toluene
Concen: 4.988 ug/l
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 92 Resp: 21028
Ion Ratio Lower Upper
92 100
91 172.3 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 4.646 ug/l

RT: 8.206 min Scan# 2149

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

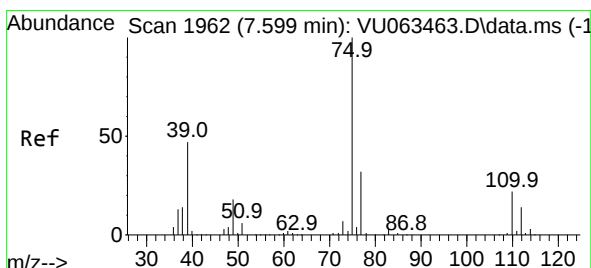
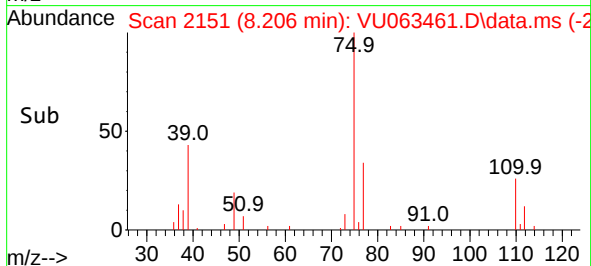
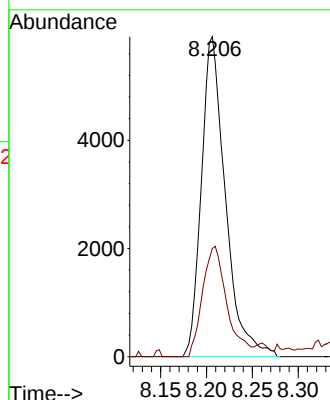
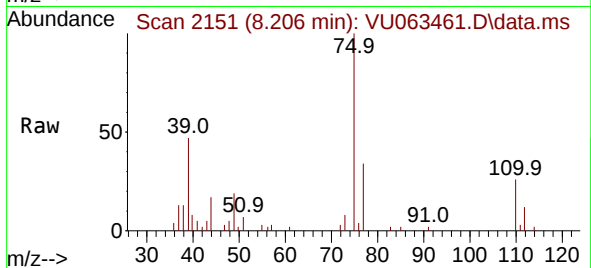
VSTDIC005

Tgt Ion: 75 Resp: 10775

Ion Ratio Lower Upper

75 100

77 33.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 4.498 ug/l

RT: 7.602 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

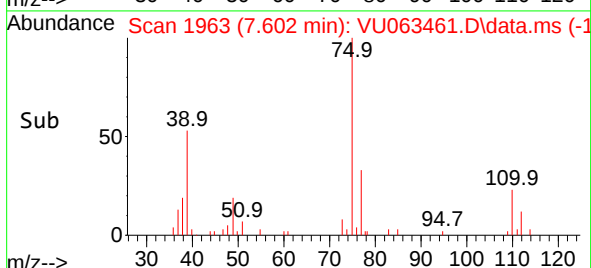
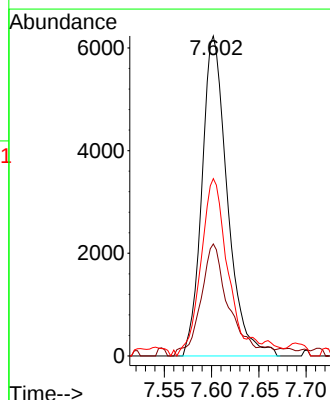
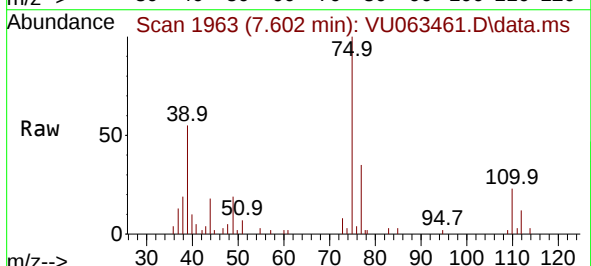
Tgt Ion: 75 Resp: 11678

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0

39 53.7 37.2 55.8

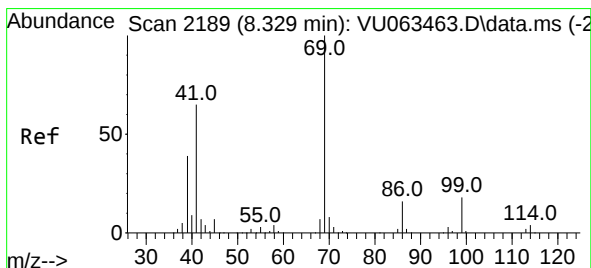
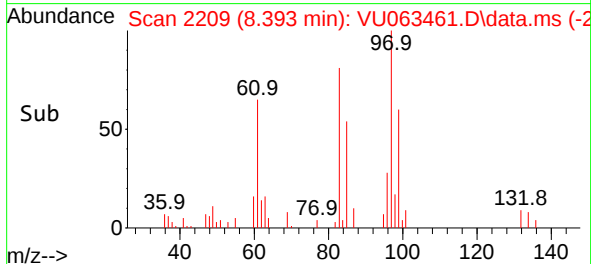
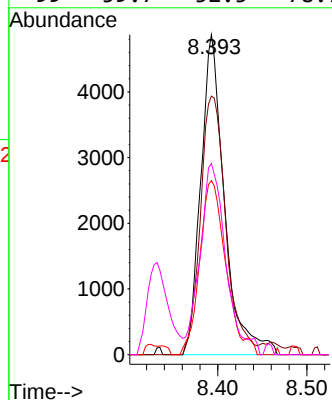
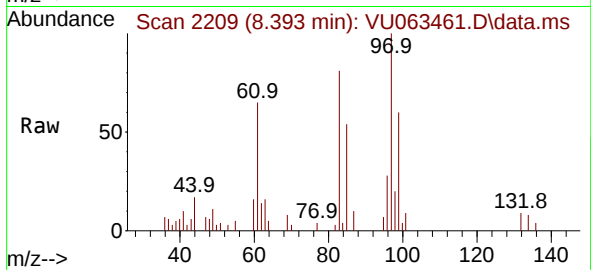




#55
1,1,2-Trichloroethane
Concen: 5.027 ug/l
RT: 8.393 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

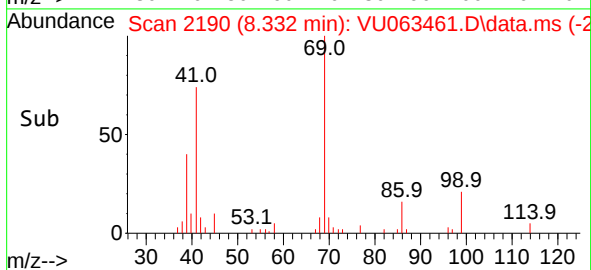
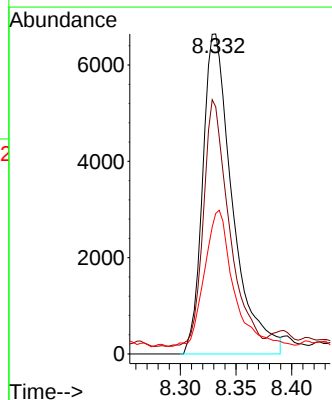
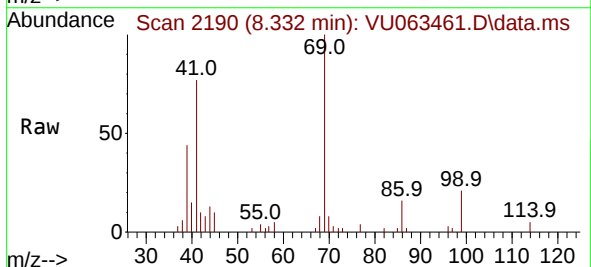
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

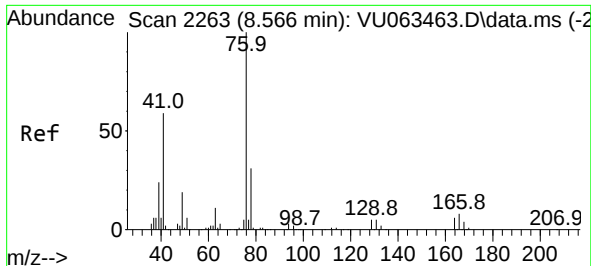
Tgt Ion: 97	Resp: 9000
Ion Ratio	Lower Upper
97 100	
83 80.8	74.2 111.4
85 54.4	45.8 68.8
99 59.7	52.5 78.7



#56
Ethyl methacrylate
Concen: 4.287 ug/l
RT: 8.332 min Scan# 2190
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 69	Resp: 12379
Ion Ratio	Lower Upper
69 100	
41 66.4	53.0 79.6
39 41.2	31.0 46.4

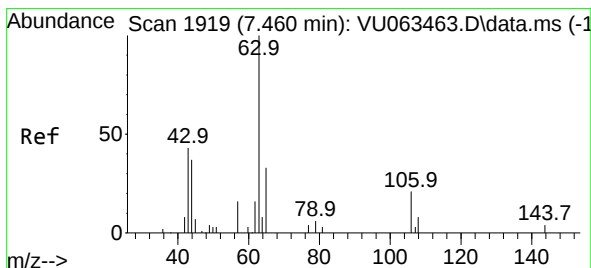
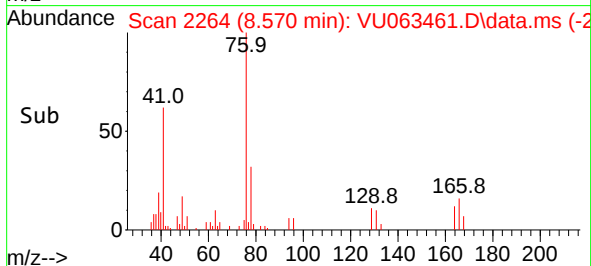
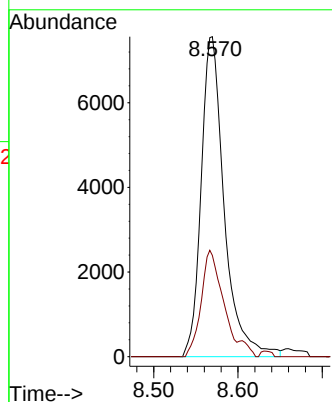
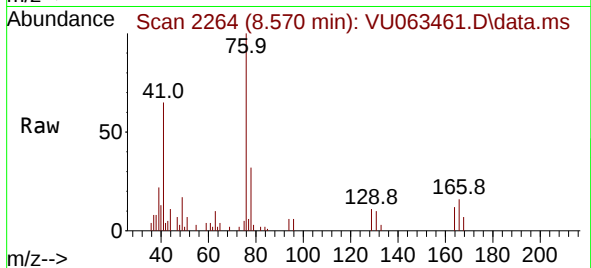




#57
1,3-Dichloropropane
Concen: 4.884 ug/l
RT: 8.570 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

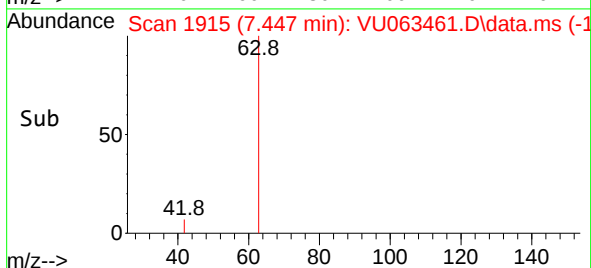
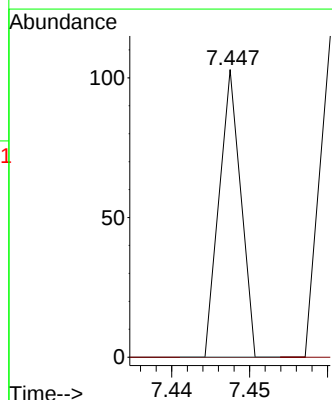
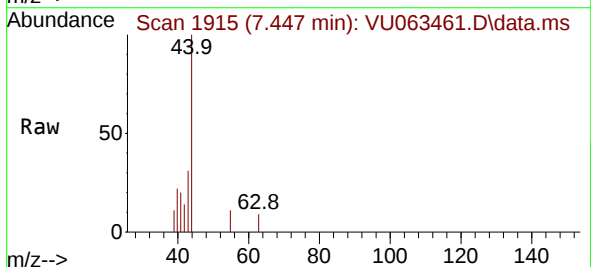
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

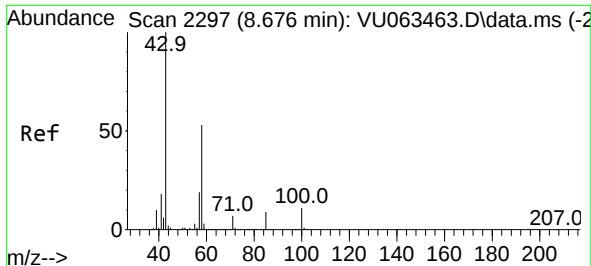
Tgt Ion: 76 Resp: 14411
Ion Ratio Lower Upper
76 100
78 33.0 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 0.667 ug/l
RT: 7.447 min Scan# 1915
Delta R.T. -0.013 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 11.5 17.3#

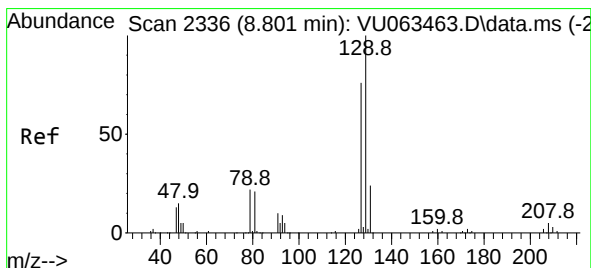
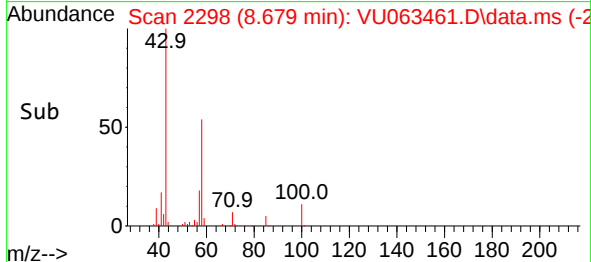
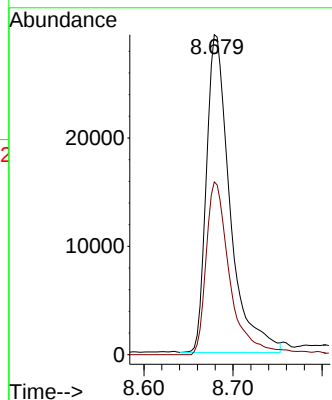
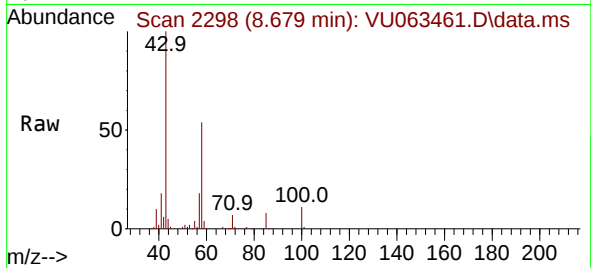




#59
2-Hexanone
Concen: 22.185 ug/l
RT: 8.679 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

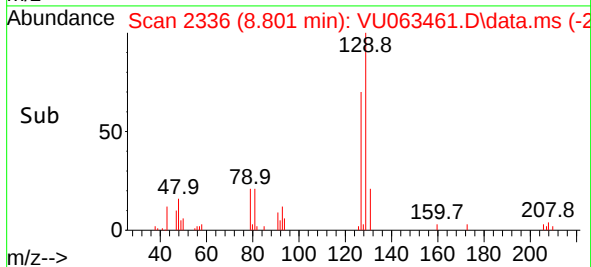
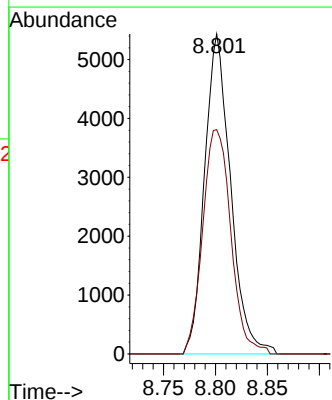
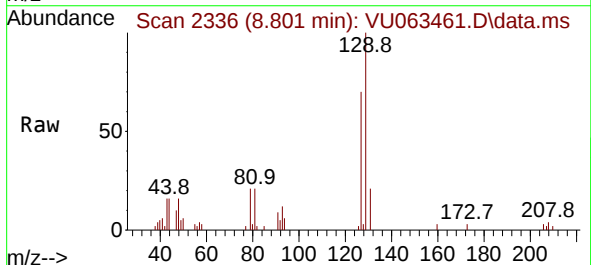
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

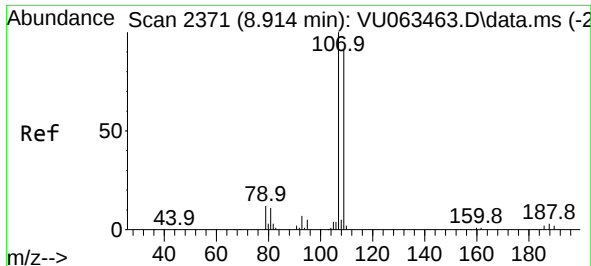
Tgt Ion: 43 Resp: 53912
Ion Ratio Lower Upper
43 100
58 54.7 26.9 80.7



#60
Dibromochloromethane
Concen: 4.715 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 129 Resp: 9456
Ion Ratio Lower Upper
129 100
127 75.8 39.1 117.2

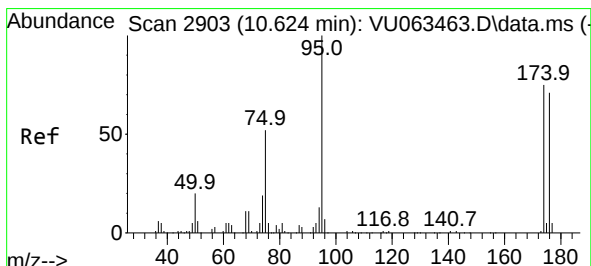
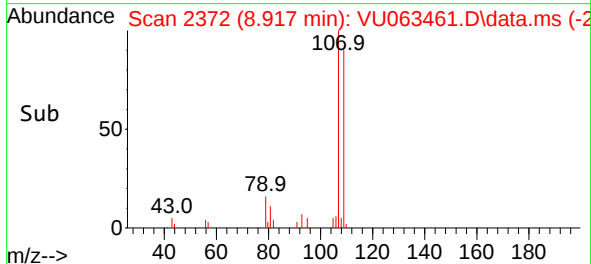
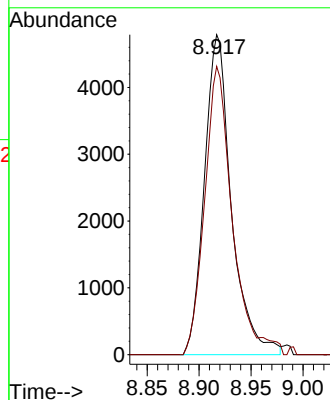
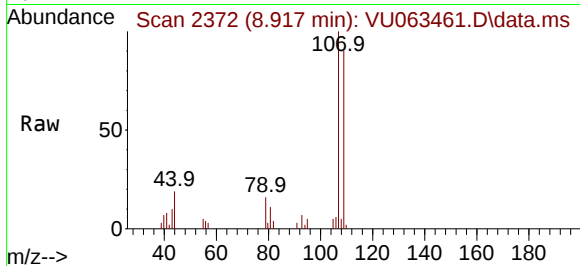




#61
1,2-Dibromoethane
Concen: 4.922 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

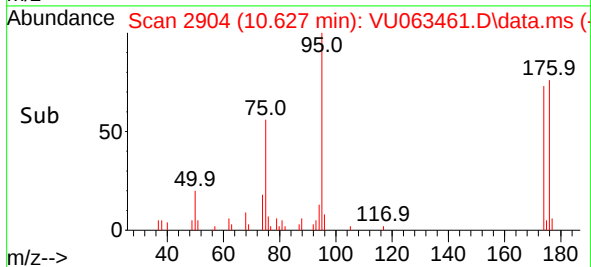
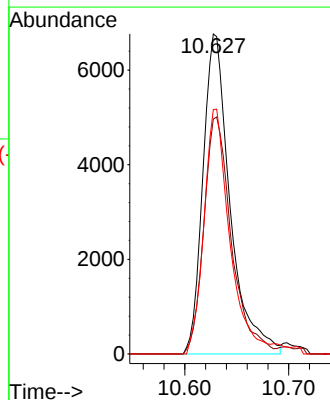
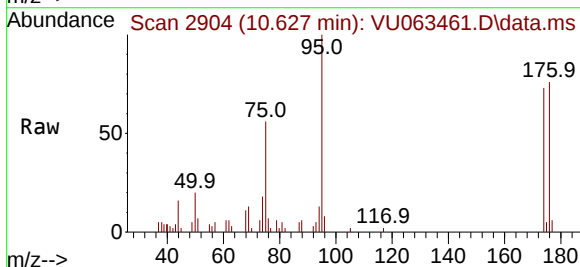
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

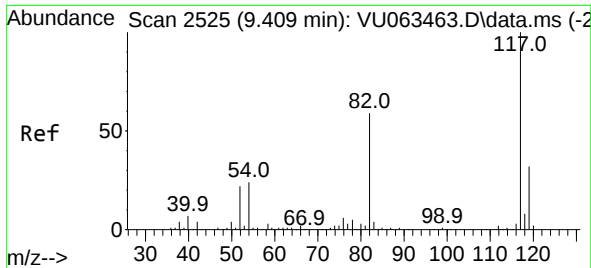
Tgt Ion:107 Resp: 8648
Ion Ratio Lower Upper
107 100
109 92.2 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 5.683 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 95 Resp: 12305
Ion Ratio Lower Upper
95 100
174 75.1 0.0 153.6
176 74.2 0.0 145.8

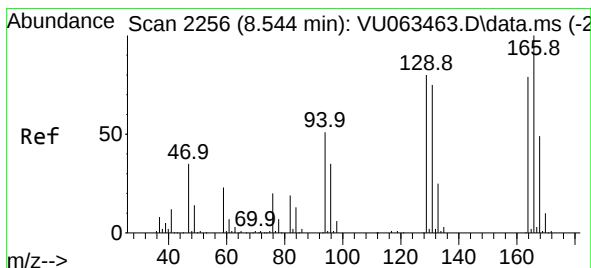
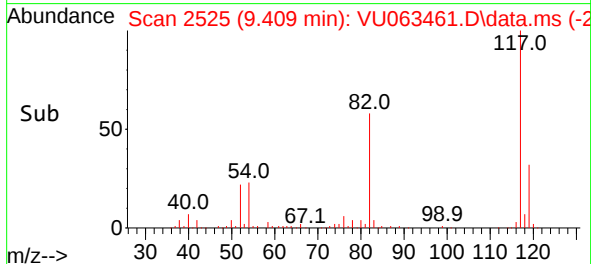
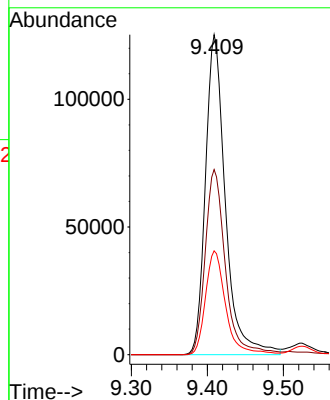
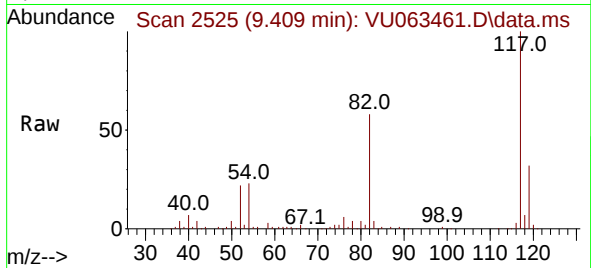




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

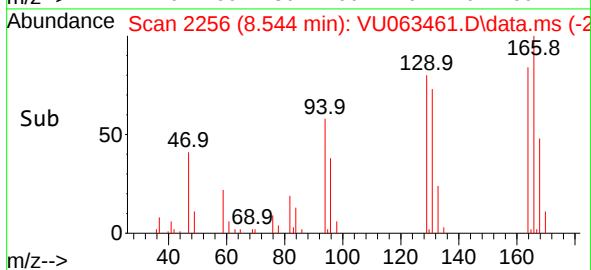
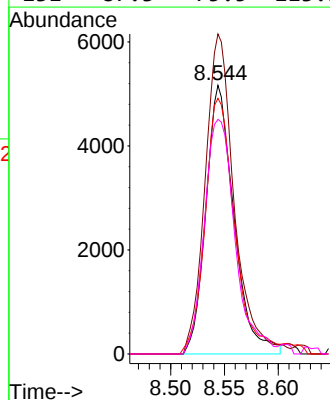
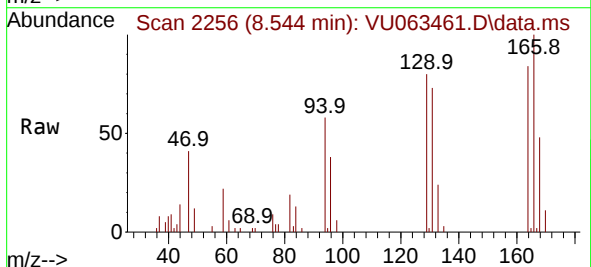
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

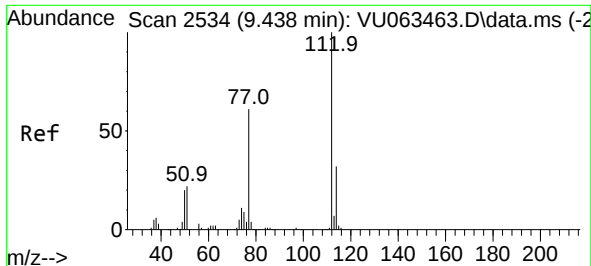
Tgt Ion:117 Resp: 228166
Ion Ratio Lower Upper
117 100
82 57.8 47.1 70.7
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 5.536 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:164 Resp: 9403
Ion Ratio Lower Upper
164 100
166 119.1 100.9 151.3
129 95.1 80.9 121.3
131 87.3 75.5 113.3

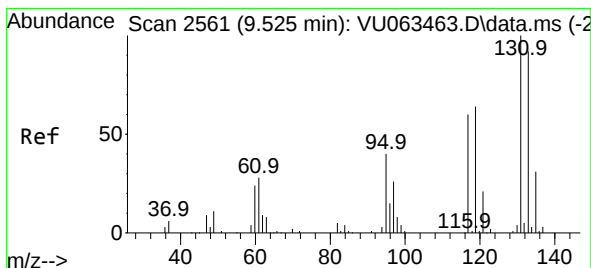
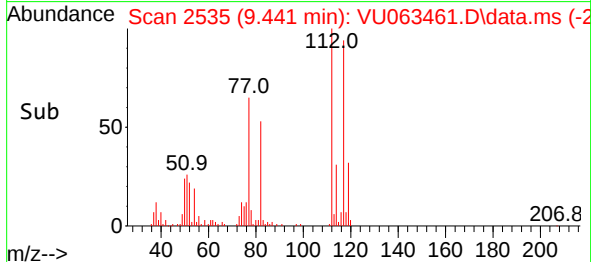
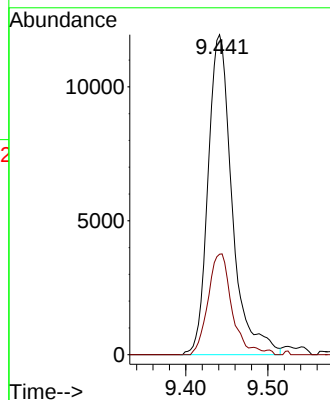
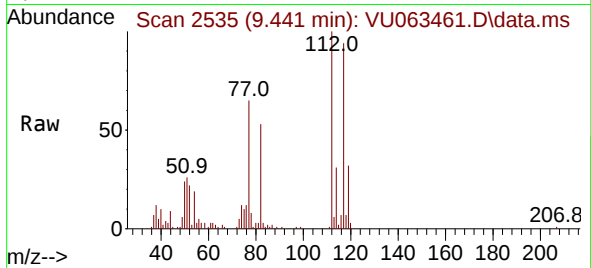




#65
Chlorobenzene
Concen: 5.150 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

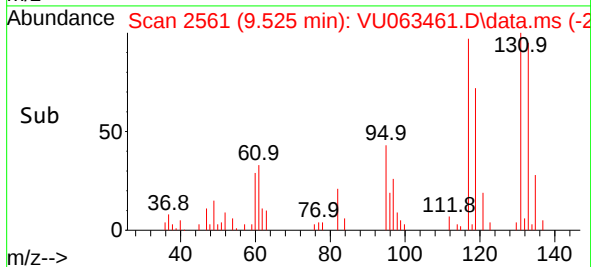
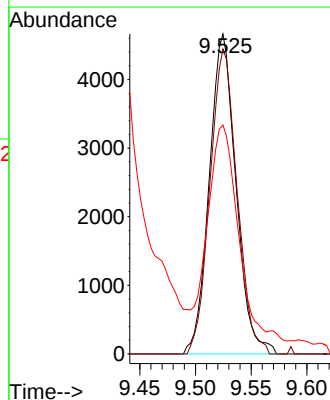
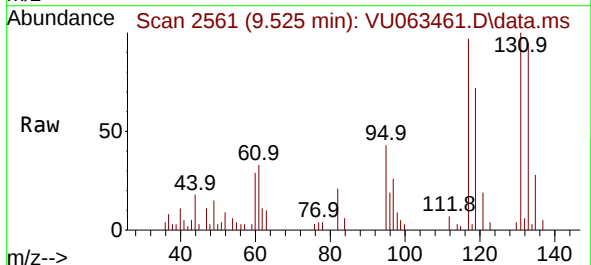
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

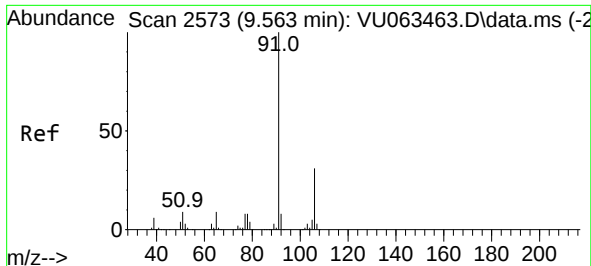
Tgt Ion:112 Resp: 24448
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 4.776 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion:131 Resp: 7775
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.2
119 79.3 33.3 99.9





#67

Ethyl Benzene

Concen: 5.124 ug/l

RT: 9.563 min Scan# 2573

Delta R.T. 0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

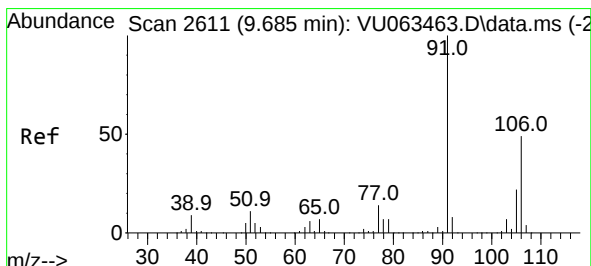
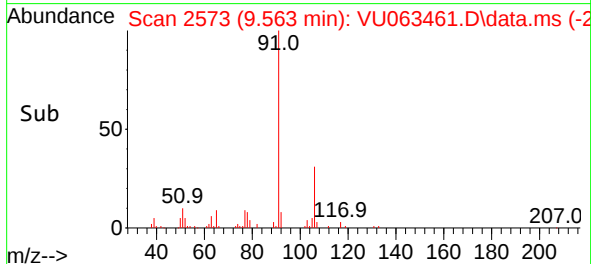
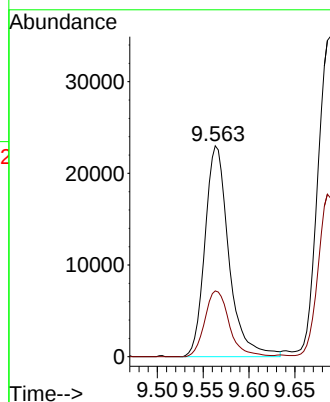
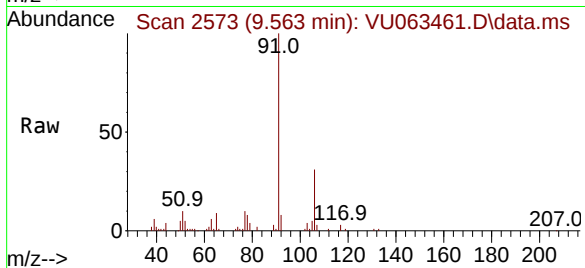
VSTDIC005

Tgt Ion: 91 Resp: 41802

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 10.228 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063461.D

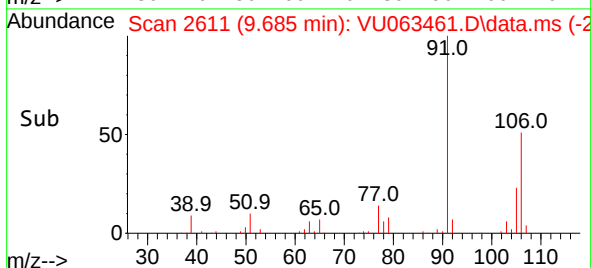
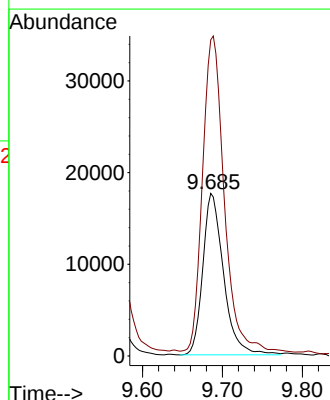
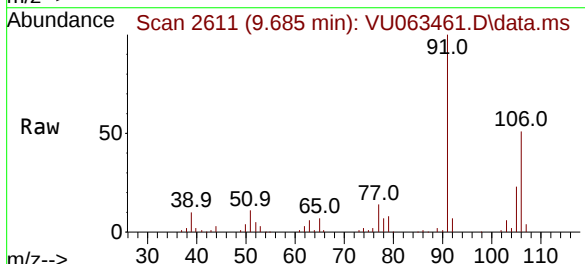
Acq: 08 Jul 2025 12:27

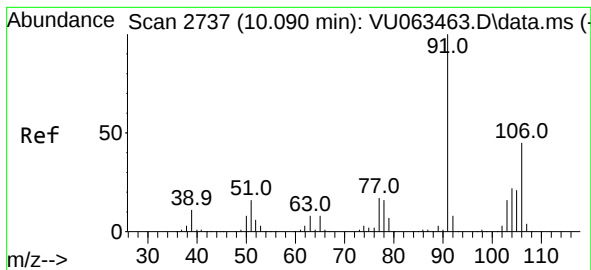
Tgt Ion: 106 Resp: 31848

Ion Ratio Lower Upper

106 100

91 206.8 163.6 245.4





#69

o-Xylene

Concen: 5.118 ug/l

RT: 10.094 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

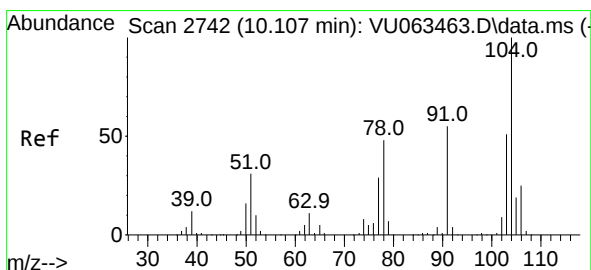
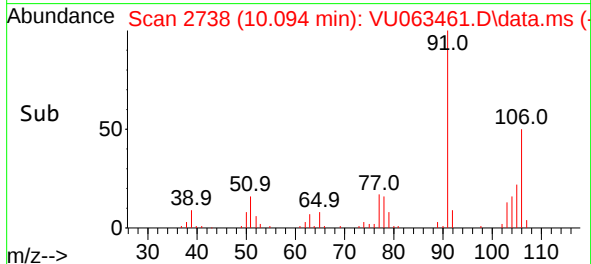
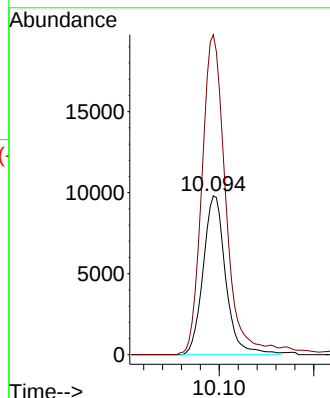
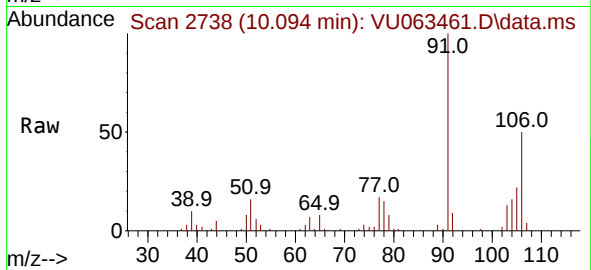
VSTDICC005

Tgt Ion:106 Resp: 16202

Ion Ratio Lower Upper

106 100

91 209.9 110.7 331.9



#70

Styrene

Concen: 4.822 ug/l

RT: 10.113 min Scan# 2744

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

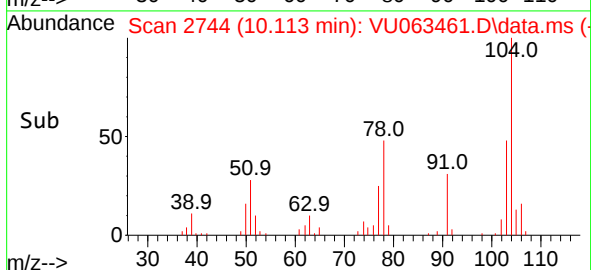
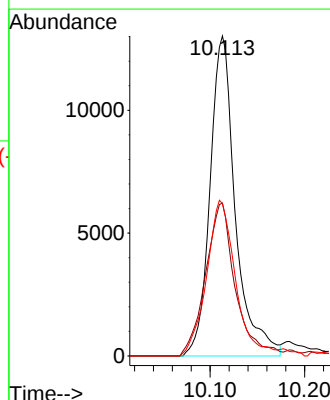
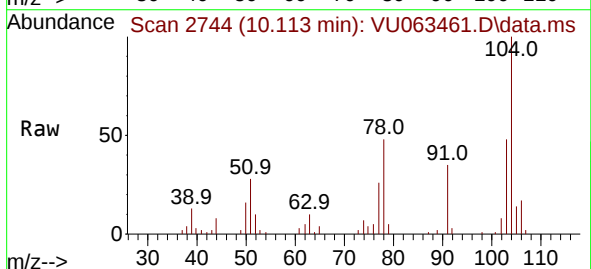
Tgt Ion:104 Resp: 24270

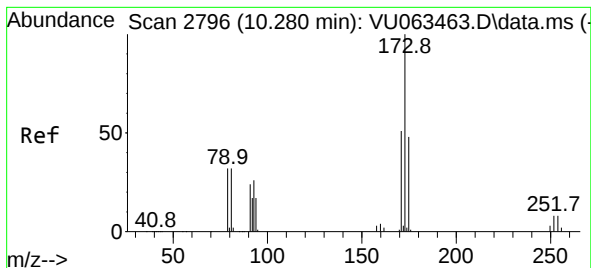
Ion Ratio Lower Upper

104 100

78 55.7 41.4 62.0

103 55.3 44.3 66.5





#71

Bromoform

Concen: 4.510 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

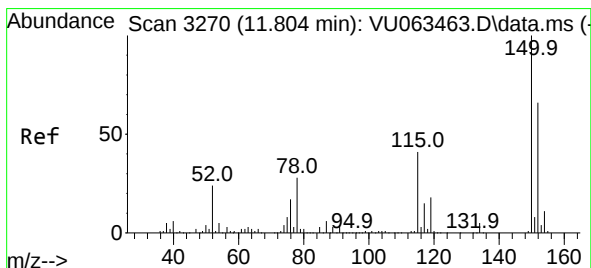
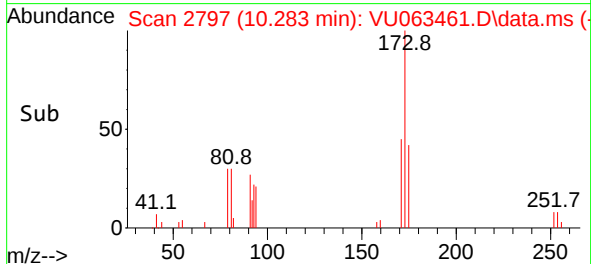
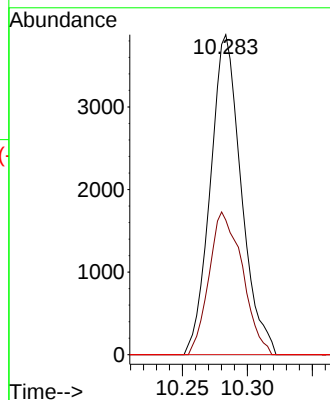
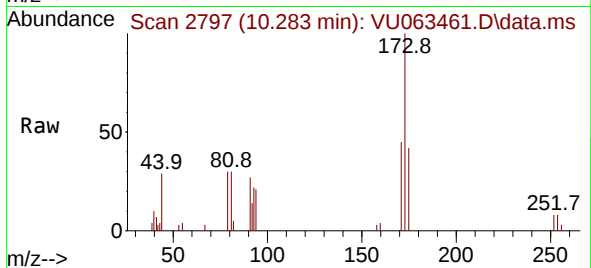
Tgt Ion:173 Resp: 6399

Ion Ratio Lower Upper

173 100

175 48.2 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: VU063461.D

Acq: 08 Jul 2025 12:27

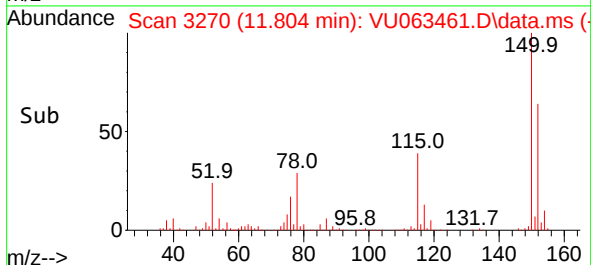
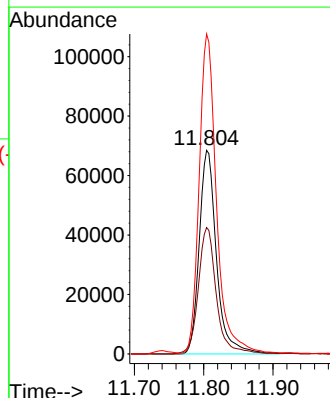
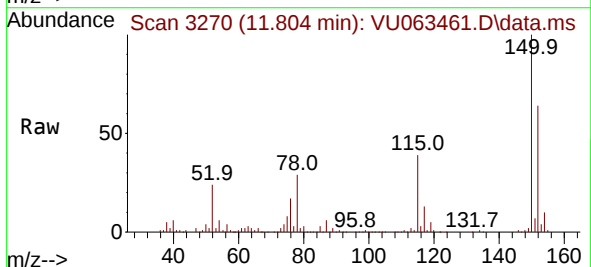
Tgt Ion:152 Resp: 119153

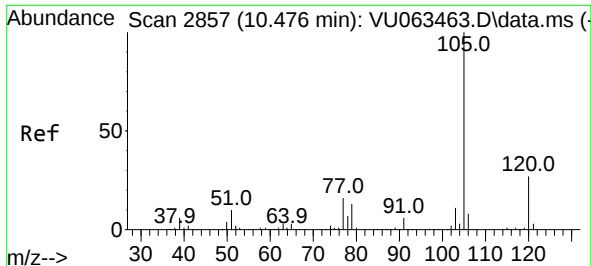
Ion Ratio Lower Upper

152 100

115 64.5 43.4 130.2

150 155.7 0.0 341.4

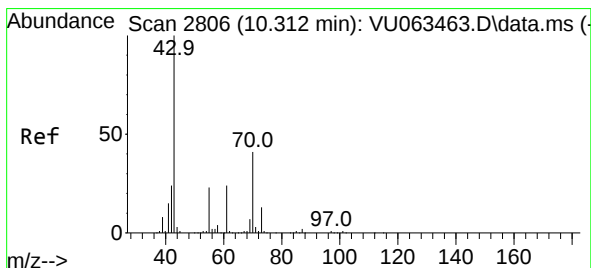
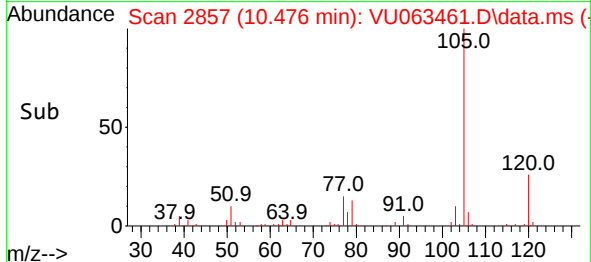
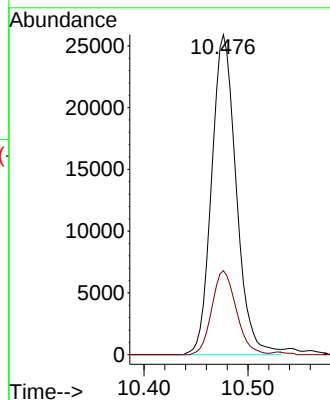
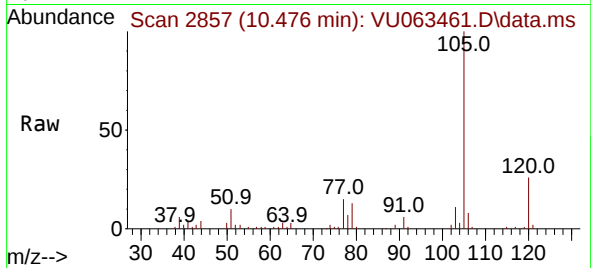




#73
Isopropylbenzene
Concen: 5.259 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

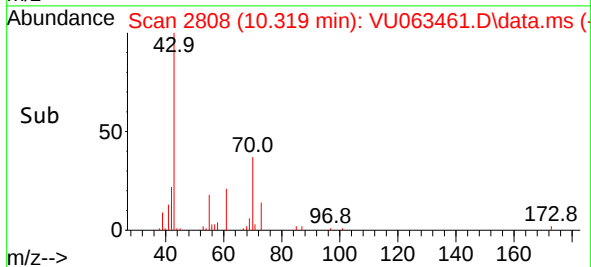
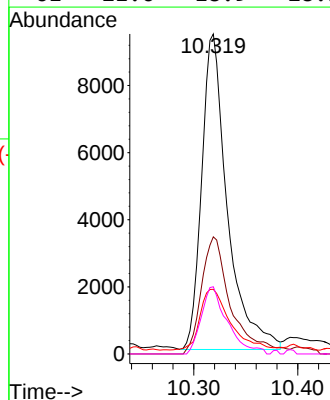
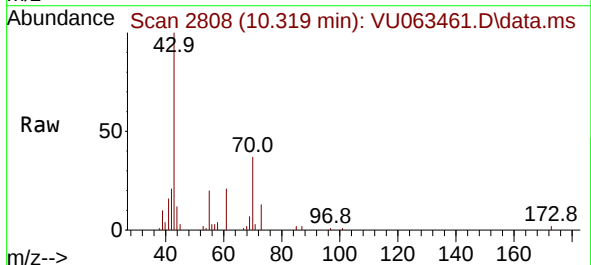
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

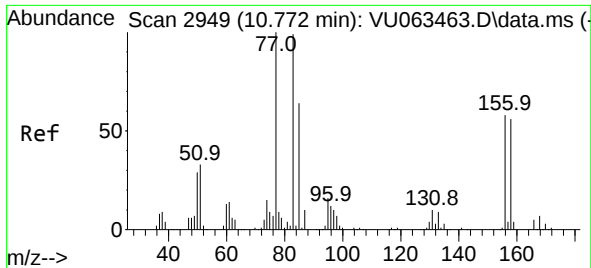
Tgt Ion:105 Resp: 42638
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 4.446 ug/l
RT: 10.319 min Scan# 2808
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 43 Resp: 16164
Ion Ratio Lower Upper
43 100
70 42.7 32.6 48.8
55 22.3 18.6 27.8
61 21.6 18.9 28.3

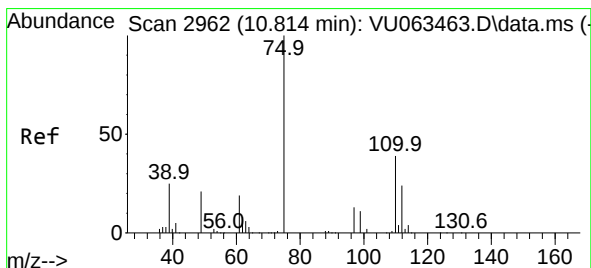
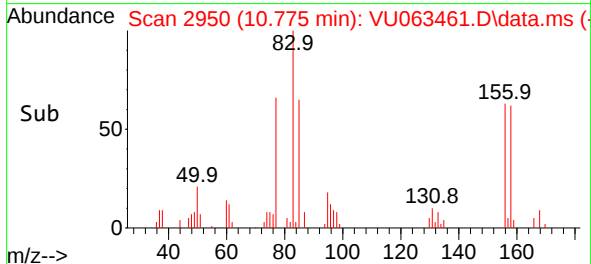
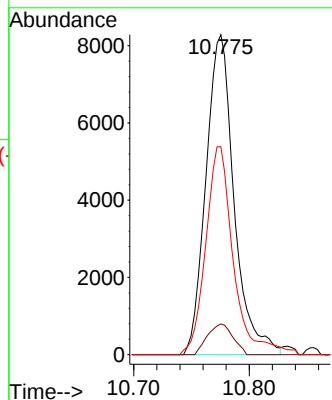
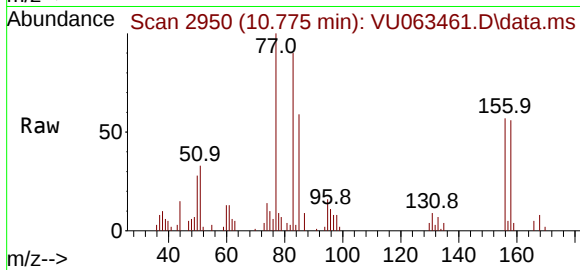




#75
1,1,2,2-Tetrachloroethane
Concen: 4.703 ug/l
RT: 10.775 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

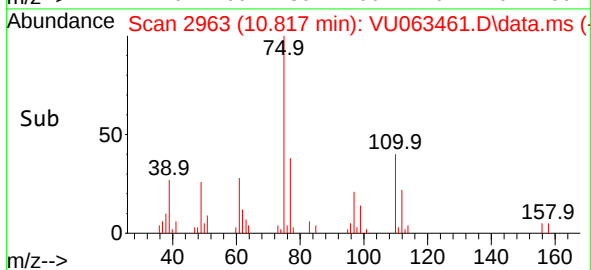
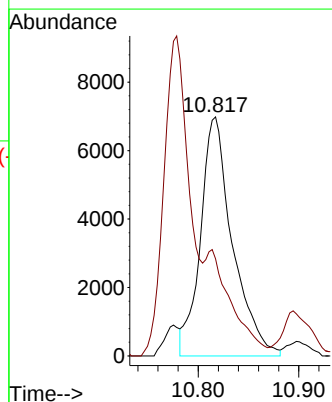
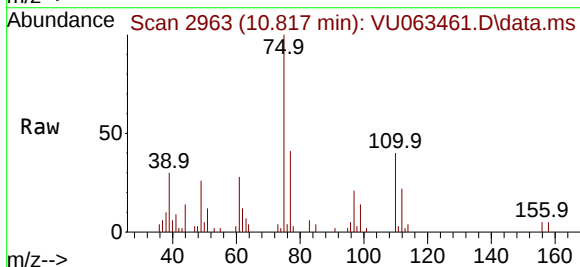
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

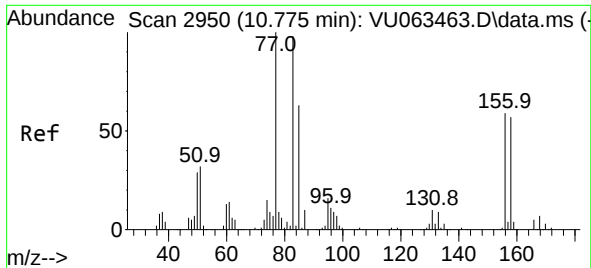
Tgt Ion: 83 Resp: 14034
Ion Ratio Lower Upper
83 100
131 8.6 4.8 14.3
85 63.6 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 4.882 ug/l
RT: 10.817 min Scan# 2963
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 75 Resp: 15415
Ion Ratio Lower Upper
75 100
77 0.0 3.1 9.4#

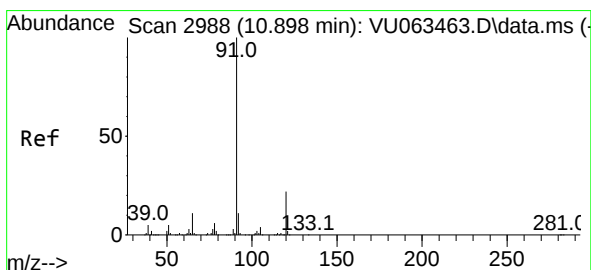
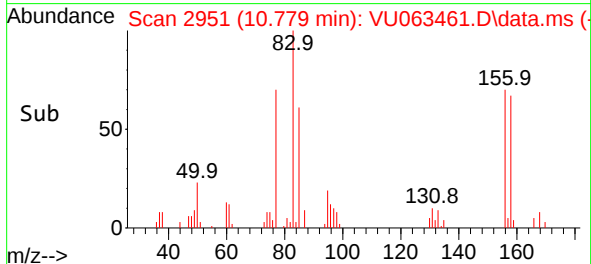
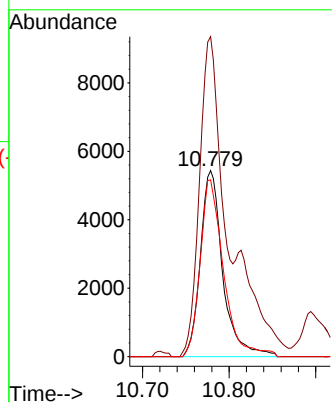
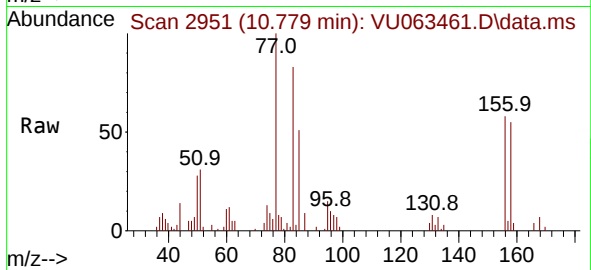




#77
Bromobenzene
Concen: 4.906 ug/l
RT: 10.779 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

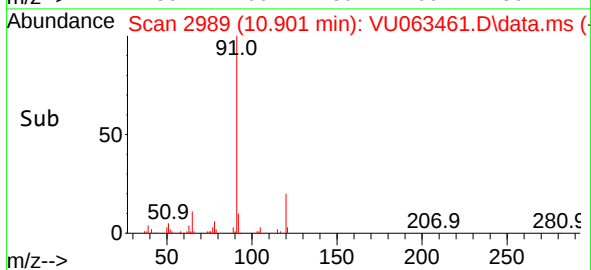
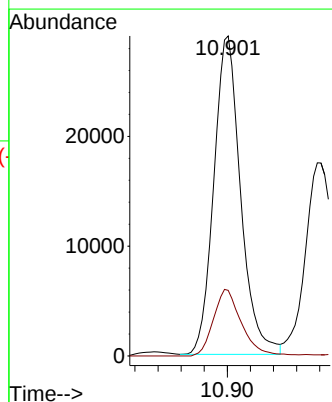
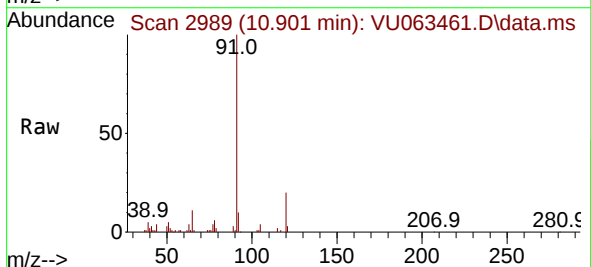
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

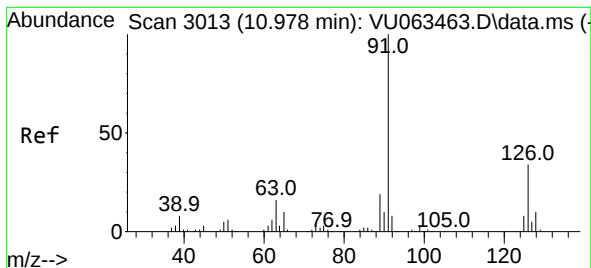
Tgt Ion:156 Resp: 9750
Ion Ratio Lower Upper
156 100
77 169.8 78.2 234.6
158 99.4 46.8 140.4



#78
n-propylbenzene
Concen: 4.974 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 91 Resp: 46768
Ion Ratio Lower Upper
91 100
120 21.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.012 ug/l

RT: 10.978 min Scan# 3013

Delta R.T. 0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

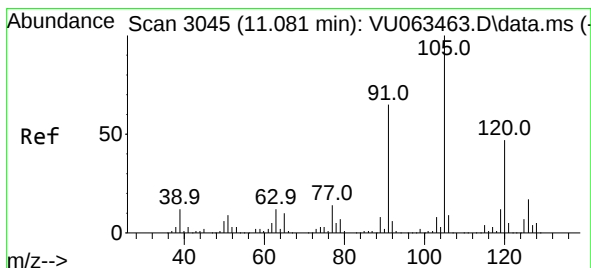
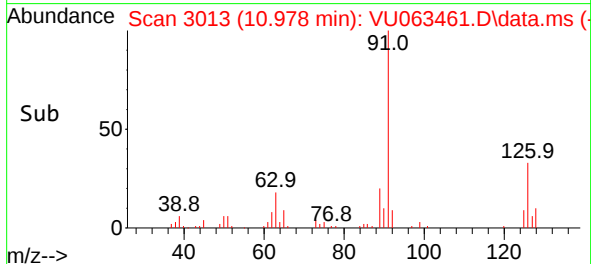
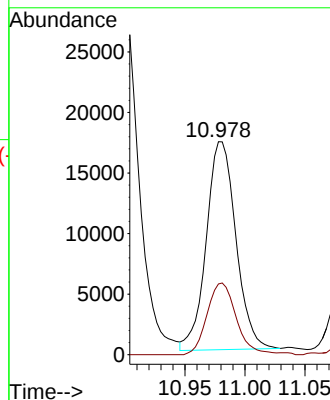
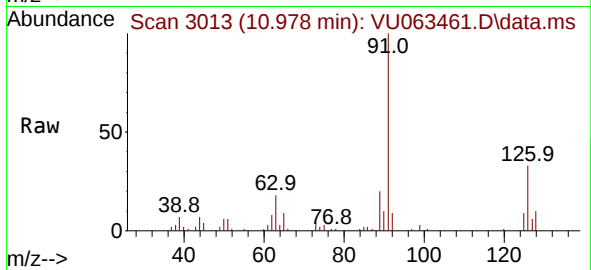
VSTDIC005

Tgt Ion: 91 Resp: 29556

Ion Ratio Lower Upper

91 100

126 34.2 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 5.118 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU063461.D

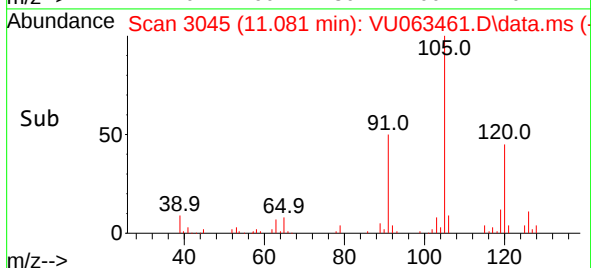
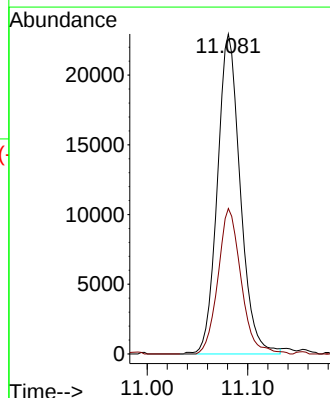
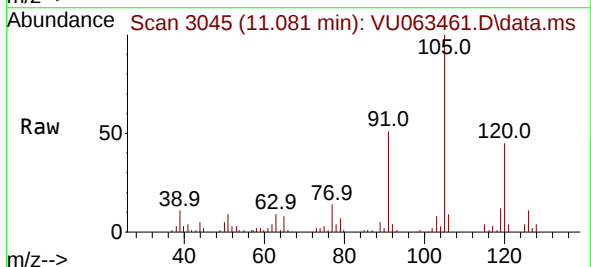
Acq: 08 Jul 2025 12:27

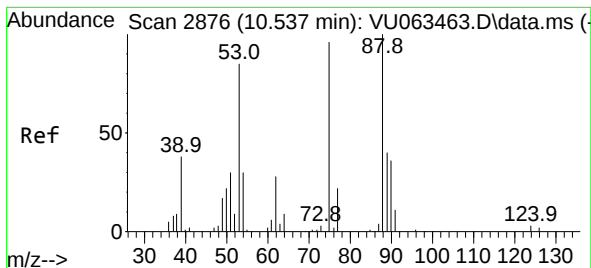
Tgt Ion: 105 Resp: 36296

Ion Ratio Lower Upper

105 100

120 45.7 23.4 70.2

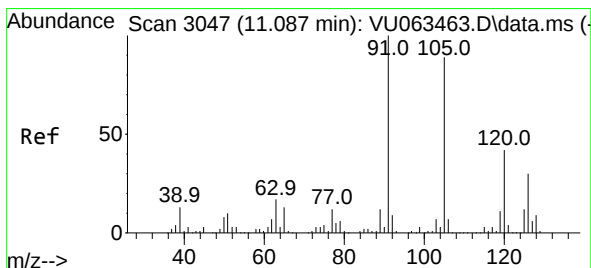
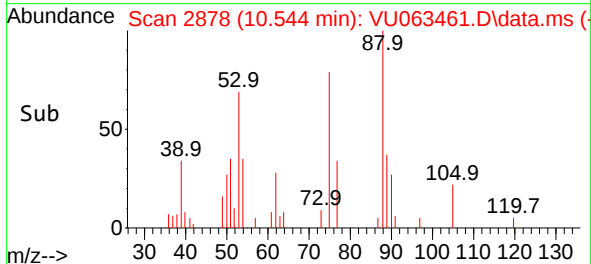
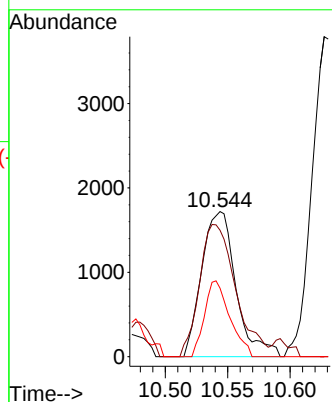
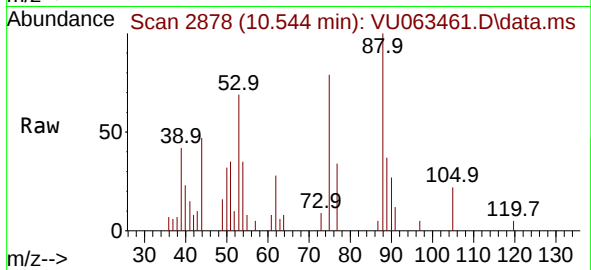




#81
trans-1,4-Dichloro-2-butene
Concen: 5.205 ug/l
RT: 10.544 min Scan# 21
Delta R.T. 0.006 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

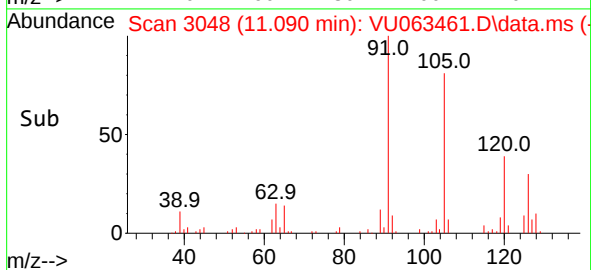
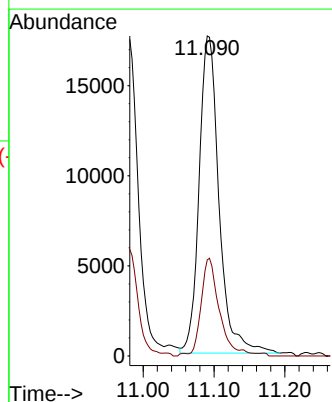
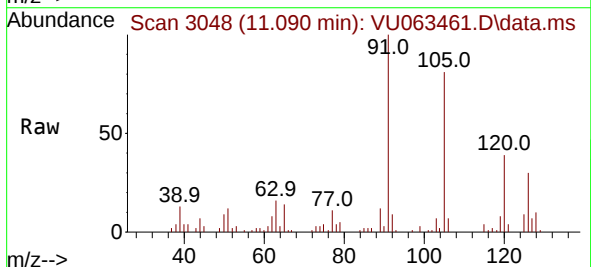
Instrument :
MSVOA_U
ClientSampleId :
VSTDIC005

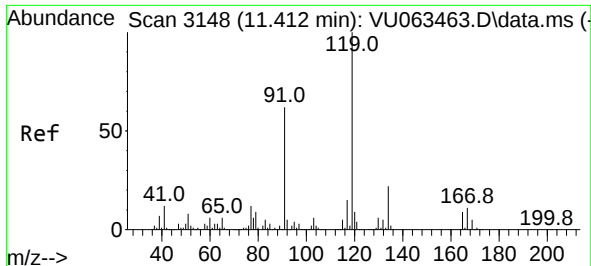
Tgt Ion: 75 Resp: 3295
Ion Ratio Lower Upper
75 100
53 95.6 74.6 111.8
89 38.5 36.3 54.5



#82
4-Chlorotoluene
Concen: 5.127 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063461.D
Acq: 08 Jul 2025 12:27

Tgt Ion: 91 Resp: 34325
Ion Ratio Lower Upper
91 100
126 26.4 14.4 43.2

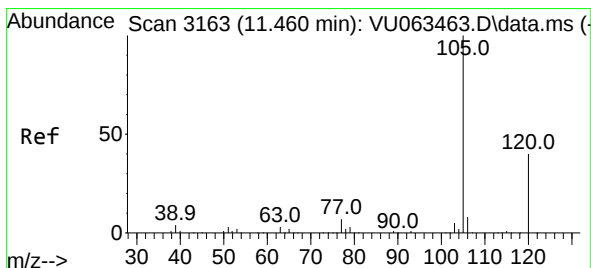
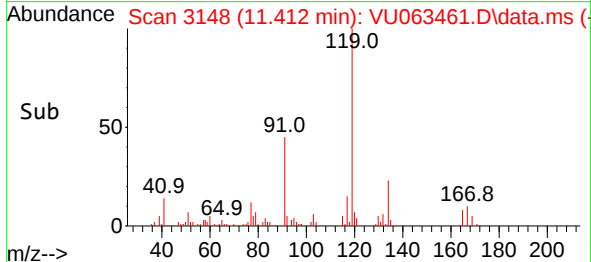
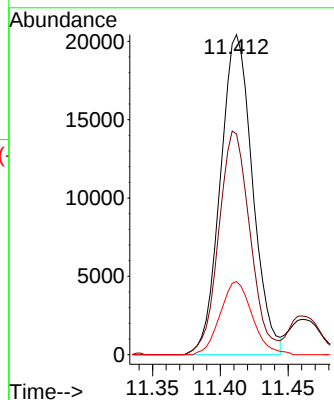
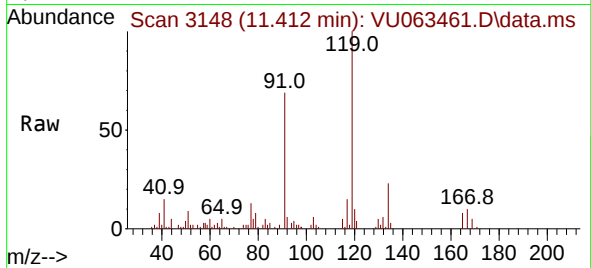




#83
 tert-Butylbenzene
 Concen: 4.964 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. 0.000 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

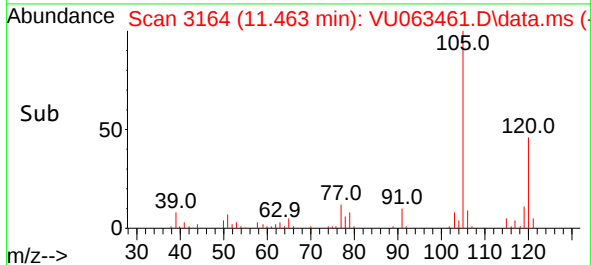
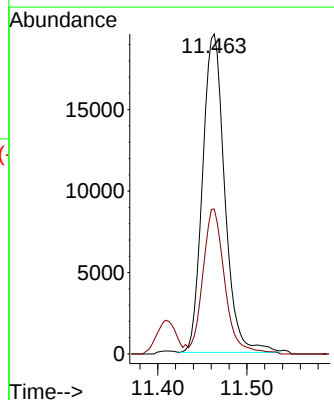
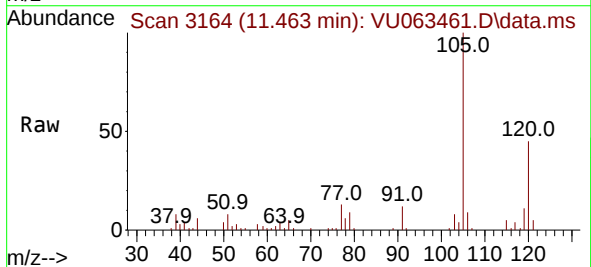
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

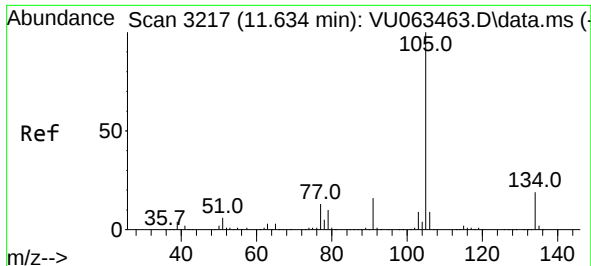
Tgt Ion:119 Resp: 33756
 Ion Ratio Lower Upper
 119 100
 91 68.3 30.3 91.0
 134 22.8 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 4.851 ug/l
 RT: 11.463 min Scan# 3164
 Delta R.T. 0.003 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

Tgt Ion:105 Resp: 33777
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.1 66.3

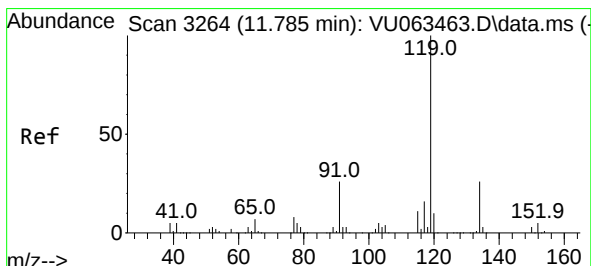
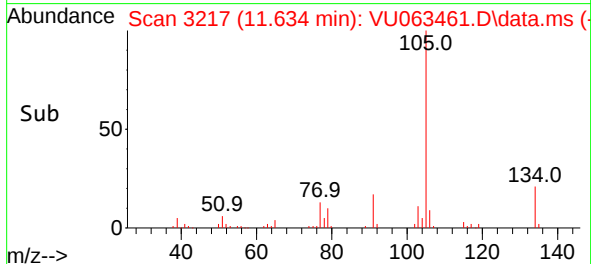
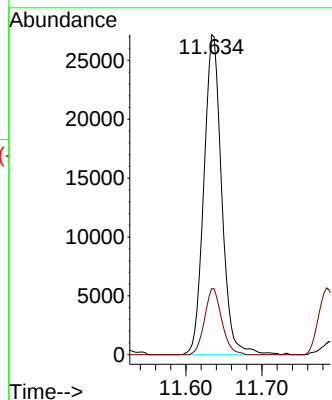
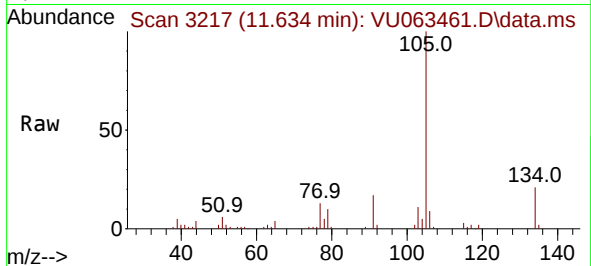




#85
 sec-Butylbenzene
 Concen: 4.915 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

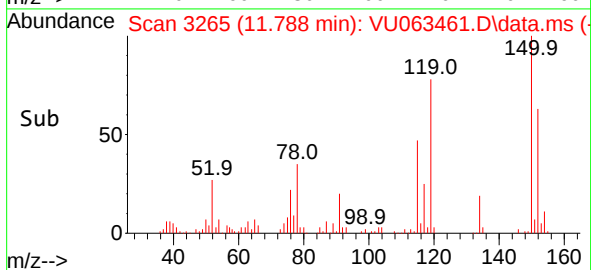
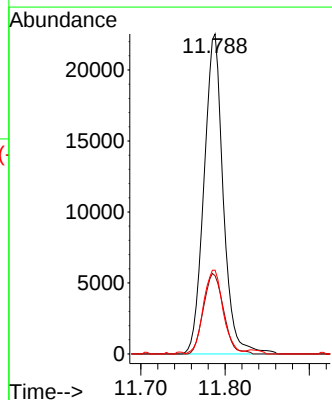
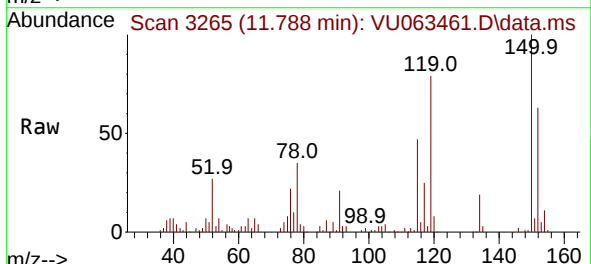
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDIC005

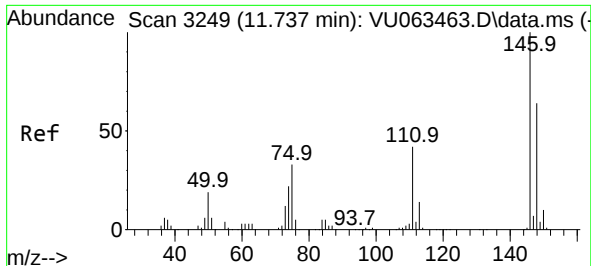
Tgt Ion:105 Resp: 44107
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 4.920 ug/l
 RT: 11.788 min Scan# 3265
 Delta R.T. 0.003 min
 Lab File: VU063461.D
 Acq: 08 Jul 2025 12:27

Tgt Ion:119 Resp: 35817
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 38.9
 91 26.9 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 5.025 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

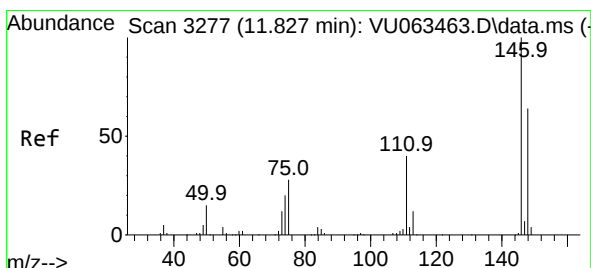
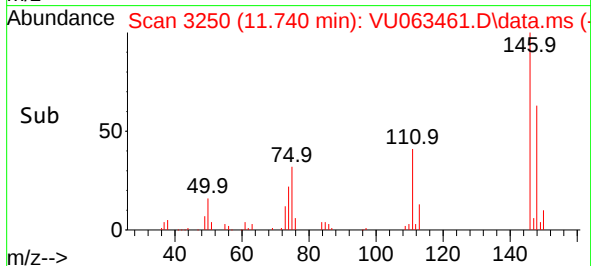
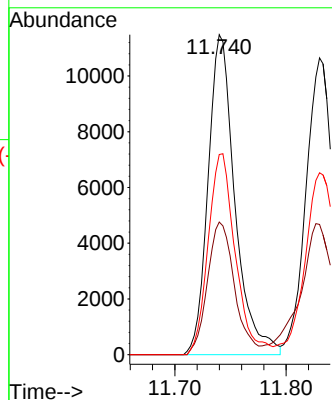
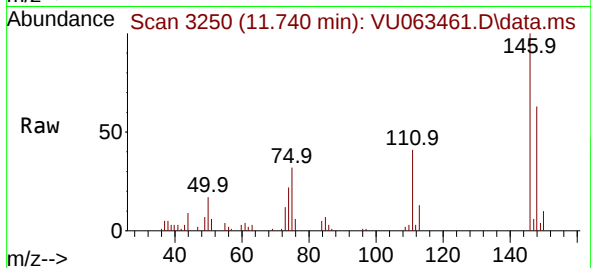
Tgt Ion:146 Resp: 19245

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

148 63.7 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 5.102 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

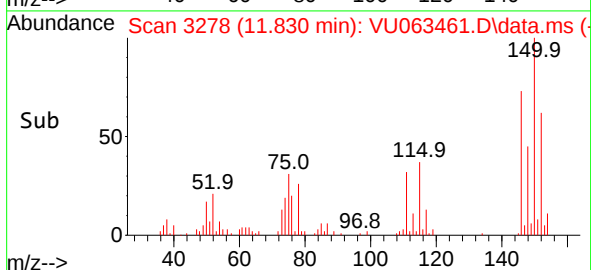
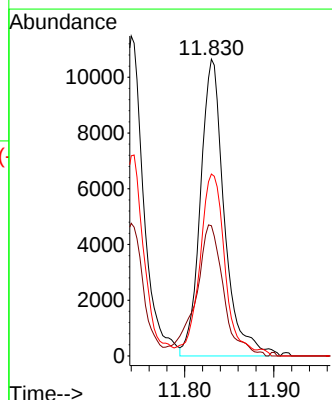
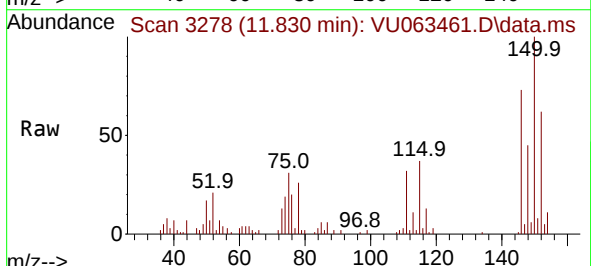
Tgt Ion:146 Resp: 19898

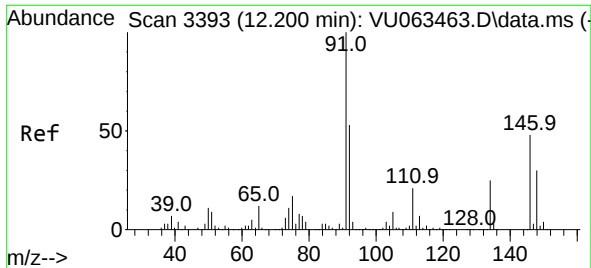
Ion Ratio Lower Upper

146 100

111 51.5 20.8 62.4

148 60.0 31.9 95.9





#89

n-Butylbenzene

Concen: 4.665 ug/l

RT: 12.203 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

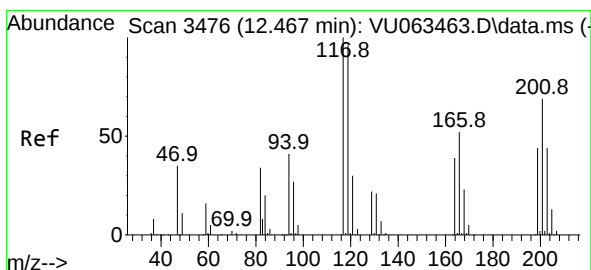
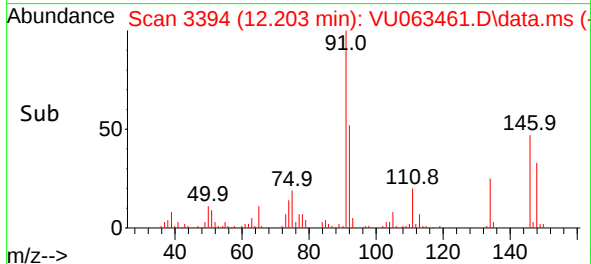
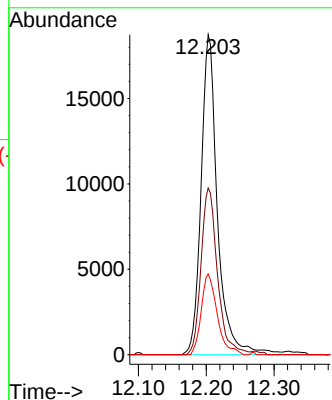
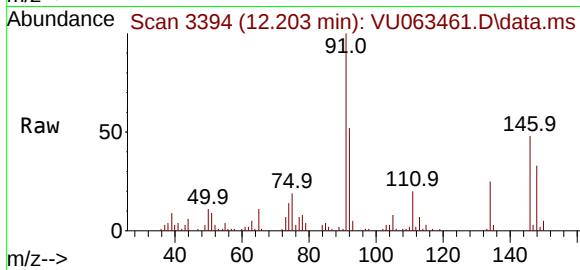
Tgt Ion: 91 Resp: 31431

Ion Ratio Lower Upper

91 100

92 52.2 26.4 79.2

134 24.5 12.4 37.0



#90

Hexachloroethane

Concen: 4.751 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063461.D

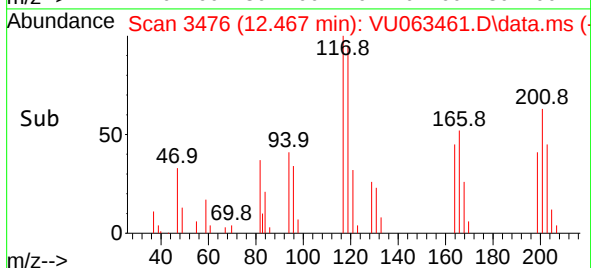
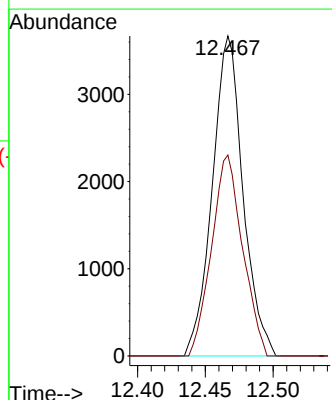
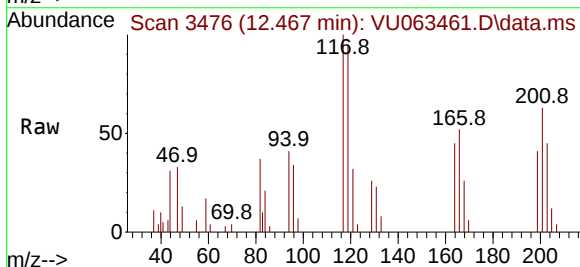
Acq: 08 Jul 2025 12:27

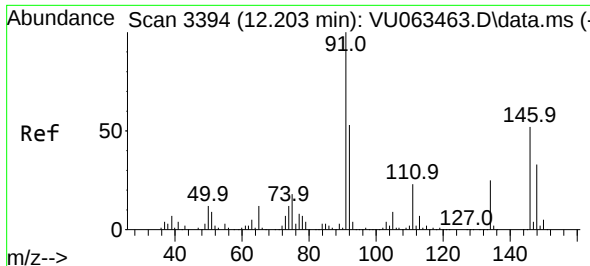
Tgt Ion: 117 Resp: 5785

Ion Ratio Lower Upper

117 100

201 63.1 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 4.887 ug/l

RT: 12.209 min Scan# 3394

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDICC005

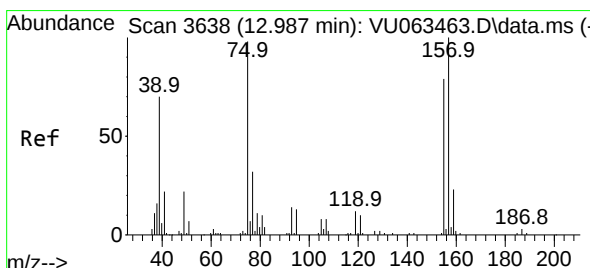
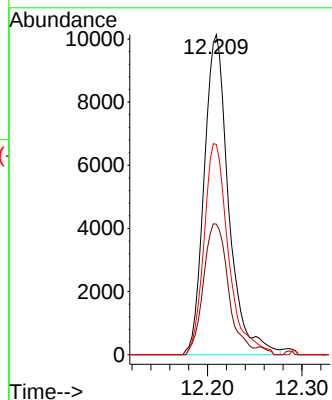
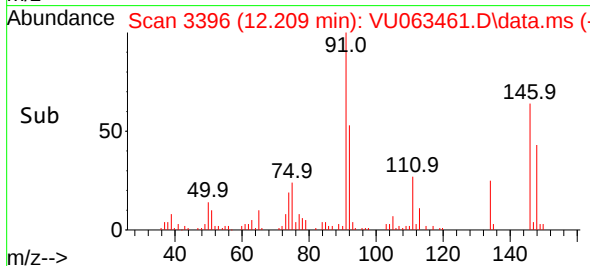
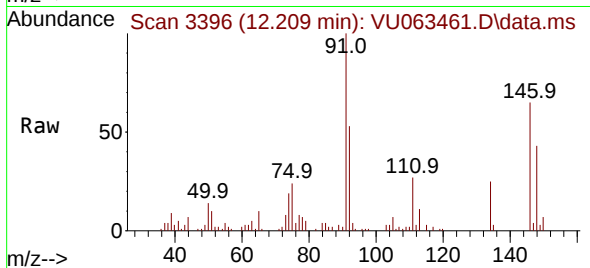
Tgt Ion:146 Resp: 18250

Ion Ratio Lower Upper

146 100

111 41.8 21.9 65.5

148 65.9 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.619 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. 0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

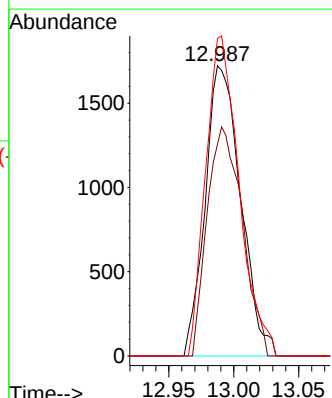
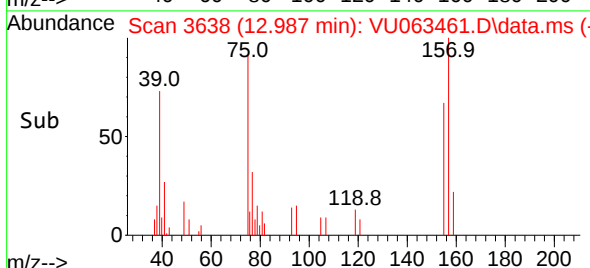
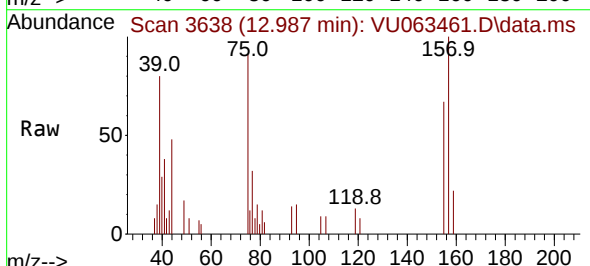
Tgt Ion: 75 Resp: 3265

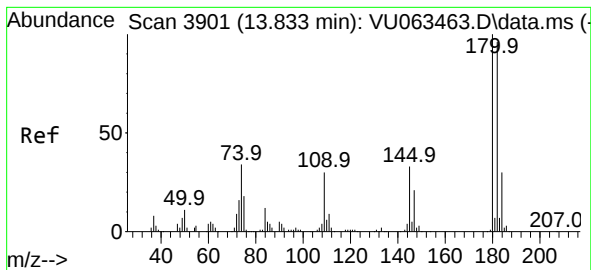
Ion Ratio Lower Upper

75 100

155 78.5 39.1 117.5

157 104.2 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 4.667 ug/l

RT: 13.840 min Scan# 3901

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

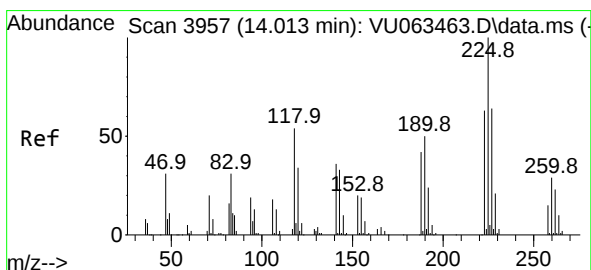
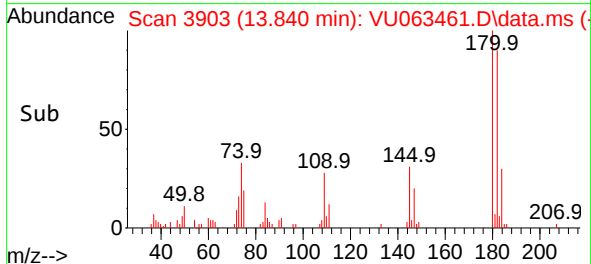
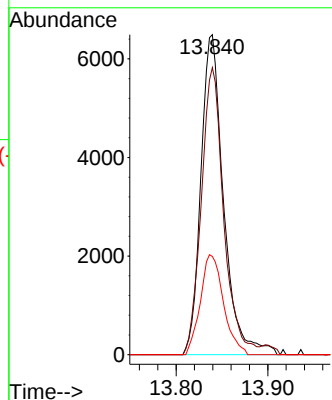
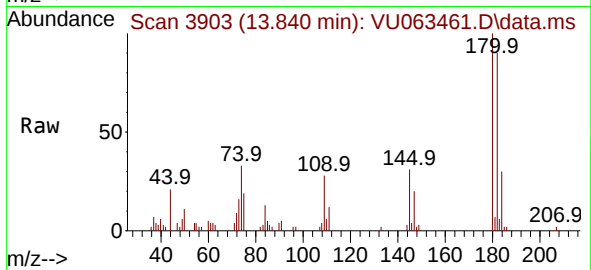
Tgt Ion:180 Resp: 11162

Ion Ratio Lower Upper

180 100

182 88.5 47.7 143.1

145 31.8 16.6 49.7



#94

Hexachlorobutadiene

Concen: 4.904 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

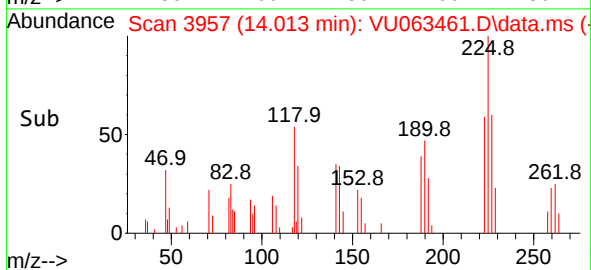
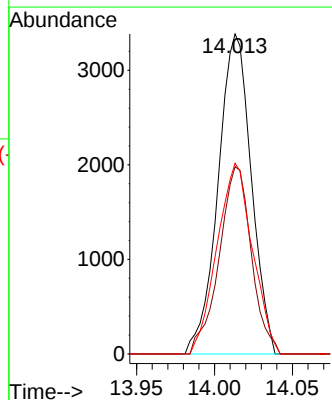
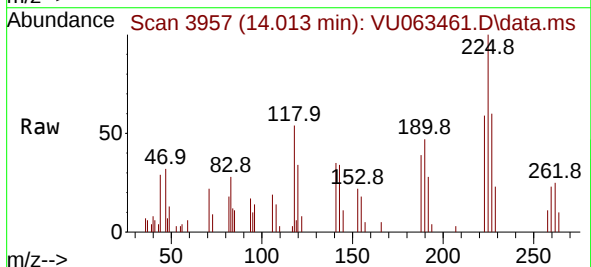
Tgt Ion:225 Resp: 5013

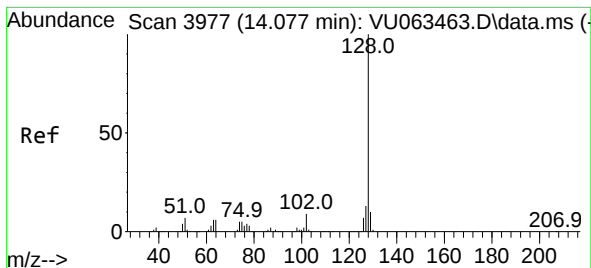
Ion Ratio Lower Upper

225 100

223 57.0 32.4 97.0

227 63.7 32.3 96.9





#95

Naphthalene

Concen: 4.247 ug/l

RT: 14.087 min Scan# 3977

Delta R.T. 0.010 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Instrument :

MSVOA_U

ClientSampleId :

VSTDIC005

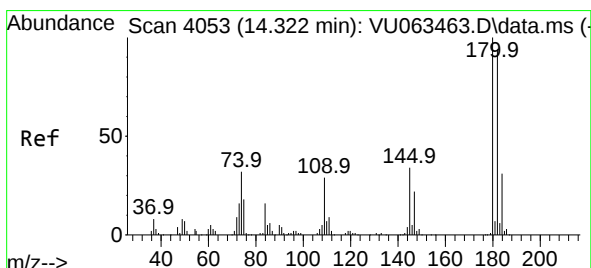
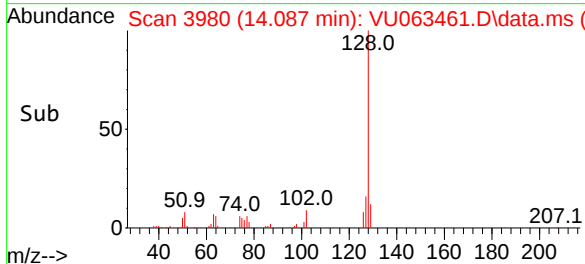
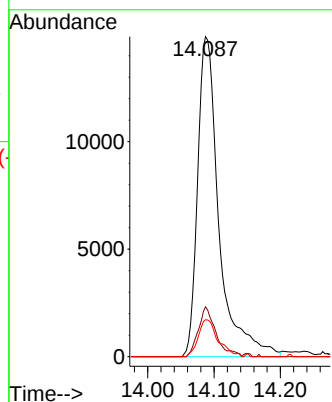
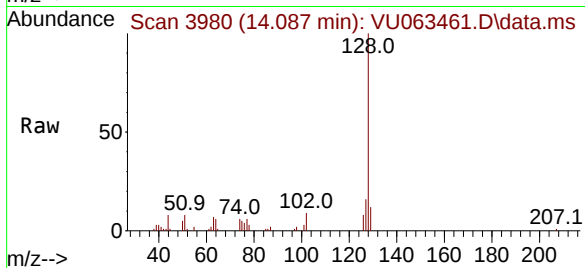
Tgt Ion:128 Resp: 33263

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 4.333 ug/l

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU063461.D

Acq: 08 Jul 2025 12:27

Tgt Ion:180 Resp: 10183

Ion Ratio Lower Upper

180 100

182 97.0 47.8 143.3

145 36.9 17.2 51.5

