

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063483.D
 Acq On : 11 Jul 2025 08:22
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 12 03:43:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	116760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	205232	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	183192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	98927	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	73540	49.365	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.720%		
35) Dibromofluoromethane	5.277	113	61606	49.799	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.600%		
50) Toluene-d8	7.888	98	192150	47.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.300%		
62) 4-Bromofluorobenzene	10.624	95	85257	48.335	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	43046	46.355	ug/l	99
3) Chloromethane	1.515	50	47404	41.911	ug/l	100
4) Vinyl Chloride	1.599	62	58863	46.934	ug/l	96
5) Bromomethane	1.840	94	42139	47.957	ug/l	97
6) Chloroethane	1.923	64	40280	44.327	ug/l	99
7) Trichlorofluoromethane	2.129	101	97682	48.279	ug/l	99
8) Diethyl Ether	2.370	74	39776	47.173	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.570	101	59268	49.526	ug/l	99
10) Methyl Iodide	2.711	142	62952	50.362	ug/l	98
11) Tert butyl alcohol	3.184	59	133884	268.046	ug/l	99
12) 1,1-Dichloroethene	2.570	96	52692	47.301	ug/l	97
13) Acrolein	2.480	56	17396	246.747	ug/l	93
14) Allyl chloride	2.910	41	125391	47.288	ug/l	97
15) Acrylonitrile	3.303	53	287459	268.681	ug/l	98
16) Acetone	2.618	43	347221	277.852	ug/l	98
17) Carbon Disulfide	2.779	76	105229	39.516	ug/l	100
18) Methyl Acetate	2.939	43	172294	53.574	ug/l	100
19) Methyl tert-butyl Ether	3.357	73	237724	49.482	ug/l	98
20) Methylene Chloride	3.029	84	67323	36.948	ug/l	98
21) trans-1,2-Dichloroethene	3.335	96	54527	45.560	ug/l	97
22) Diisopropyl ether	3.988	45	217418	48.155	ug/l	99
23) Vinyl Acetate	3.946	43	917850	261.995	ug/l	99
24) 1,1-Dichloroethane	3.849	63	127374	49.709	ug/l	99
25) 2-Butanone	4.698	43	398728	284.224	ug/l	100
26) 2,2-Dichloropropane	4.647	77	113487	50.907	ug/l	97
27) cis-1,2-Dichloroethene	4.650	96	77821	49.262	ug/l	98
28) Bromochloromethane	4.959	49	72025	59.838	ug/l	98
29) Tetrahydrofuran	5.045	42	235619	266.252	ug/l	99
30) Chloroform	5.074	83	138123	51.056	ug/l	99
31) Cyclohexane	5.370	56	92538	44.924	ug/l	98
32) 1,1,1-Trichloroethane	5.299	97	115598	50.184	ug/l	100
36) 1,1-Dichloropropene	5.512	75	80313	47.778	ug/l	99
37) Ethyl Acetate	4.801	43	125102	45.954	ug/l	99
38) Carbon Tetrachloride	5.508	117	90578	48.905	ug/l	96
39) Methylcyclohexane	6.750	83	90485	44.550	ug/l	96
40) Benzene	5.759	78	257526	49.056	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	68331	53.195	ug/l	98
42) 1,2-Dichloroethane	5.782	62	104442	52.910	ug/l	99
43) Isopropyl Acetate	5.907	43	188985	52.264	ug/l	99
44) Trichloroethene	6.531	130	69152	49.223	ug/l	96
45) 1,2-Dichloropropane	6.779	63	74076	50.759	ug/l	98
46) Dibromomethane	6.907	93	54594	52.578	ug/l	97
47) Bromodichloromethane	7.094	83	109119	50.540	ug/l	96
48) Methyl methacrylate	6.955	41	87487	52.348	ug/l	98
49) 1,4-Dioxane	6.959	88	42587	1161.243	ug/l	99
51) 4-Methyl-2-Pentanone	7.782	43	690883	263.979	ug/l	99
52) Toluene	7.959	92	168861	49.177	ug/l	95
53) t-1,3-Dichloropropene	8.200	75	98779	52.282	ug/l	100
54) cis-1,3-Dichloropropene	7.598	75	112829	53.347	ug/l	99
55) 1,1,2-Trichloroethane	8.389	97	74138	50.841	ug/l	95
56) Ethyl methacrylate	8.325	69	116882	49.688	ug/l	98
57) 1,3-Dichloropropane	8.566	76	121334	50.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.463	63	6536	267.580	ug/l #	86
59) 2-Hexanone	8.676	43	520104	262.740	ug/l	99
60) Dibromochloromethane	8.798	129	84803	51.913	ug/l	100
61) 1,2-Dibromoethane	8.913	107	71965	50.282	ug/l	99
64) Tetrachloroethene	8.544	164	68005	49.867	ug/l	97
65) Chlorobenzene	9.438	112	199095	52.238	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	67551	51.680	ug/l	96
67) Ethyl Benzene	9.560	91	335607	51.234	ug/l	100
68) m/p-Xylenes	9.685	106	254888	101.957	ug/l	99
69) o-Xylene	10.090	106	129489	50.946	ug/l	98
70) Styrene	10.106	104	213507	52.831	ug/l	99
71) Bromoform	10.283	173	60422	53.035	ug/l #	99
73) Isopropylbenzene	10.476	105	344265	51.144	ug/l	99
74) N-amyl acetate	10.312	43	155610	51.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	130067	52.494	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	134962	51.485	ug/l #	81
77) Bromobenzene	10.775	156	82853	50.214	ug/l	96
78) n-propylbenzene	10.897	91	396456	50.786	ug/l	99
79) 2-Chlorotoluene	10.978	91	255611	52.209	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	294861	50.082	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	27042	51.451	ug/l	95
82) 4-Chlorotoluene	11.087	91	288365	51.880	ug/l	100
83) tert-Butylbenzene	11.409	119	291180	51.571	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	294538	50.945	ug/l	99
85) sec-Butylbenzene	11.634	105	376432	50.525	ug/l	99
86) p-Isopropyltoluene	11.785	119	314414	52.018	ug/l	99
87) 1,3-Dichlorobenzene	11.736	146	160601	50.510	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	162198	50.035	ug/l	99
89) n-Butylbenzene	12.200	91	284094	50.783	ug/l	100
90) Hexachloroethane	12.466	117	53524	52.946	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	163363	52.689	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	33540	57.155	ug/l	98
93) 1,2,4-Trichlorobenzene	13.833	180	100379	50.554	ug/l	99
94) Hexachlorobutadiene	14.010	225	42869	50.507	ug/l	98
95) Naphthalene	14.077	128	314691	48.394	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	99731	51.109	ug/l	98

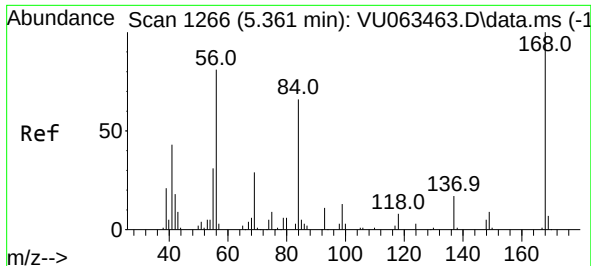
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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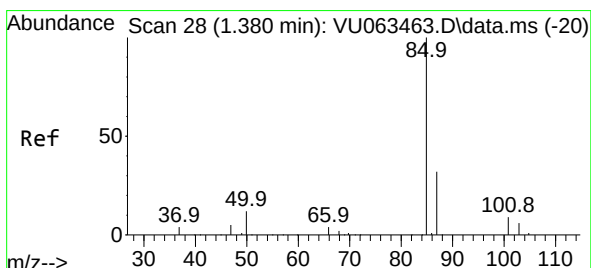
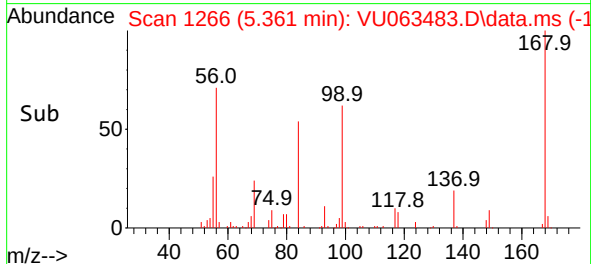
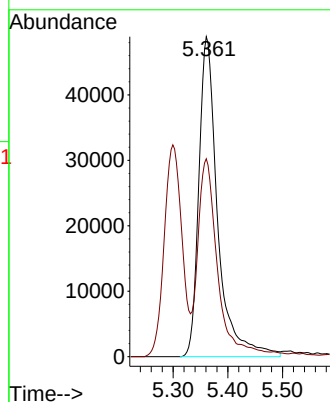
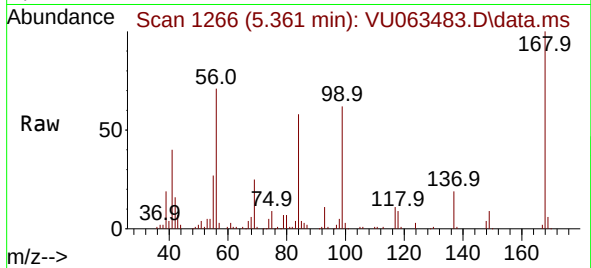
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

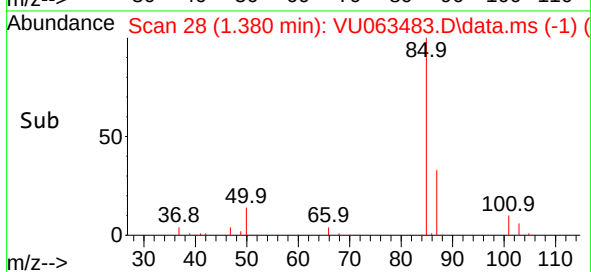
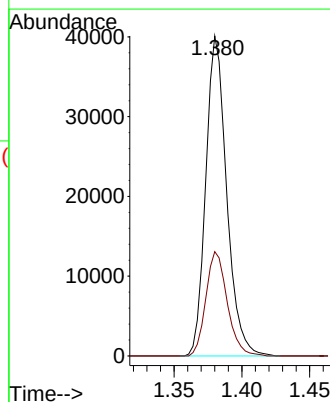
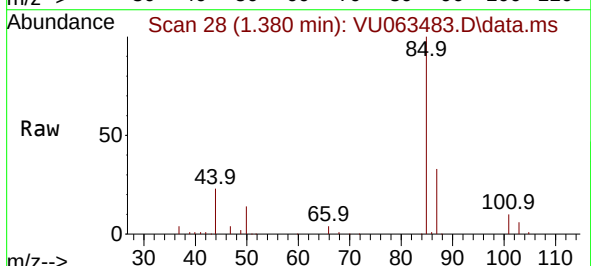
Instrument :
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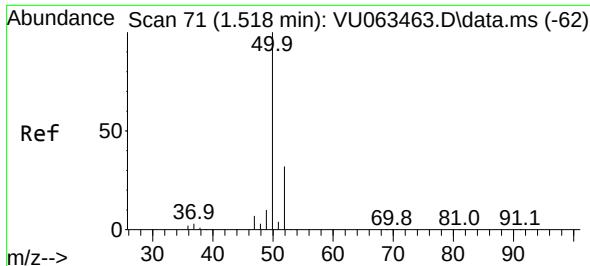
Tgt Ion:168 Resp: 116760
Ion Ratio Lower Upper
168 100
99 60.7 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 46.355 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 85 Resp: 43046
Ion Ratio Lower Upper
85 100
87 32.6 16.1 48.2

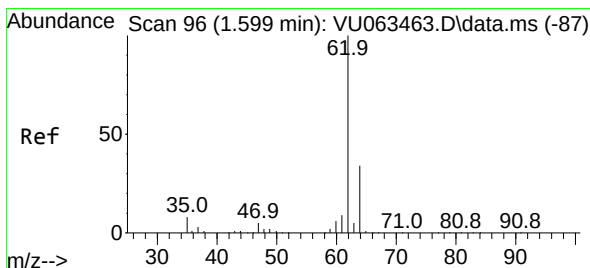
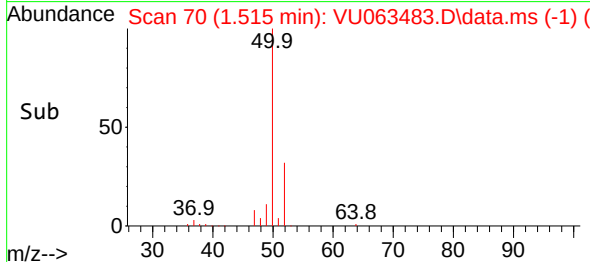
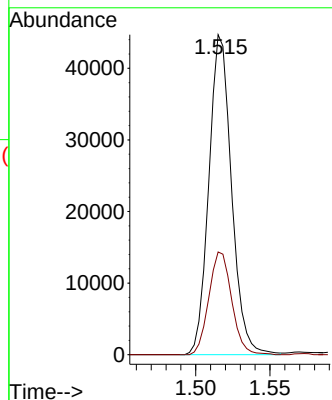
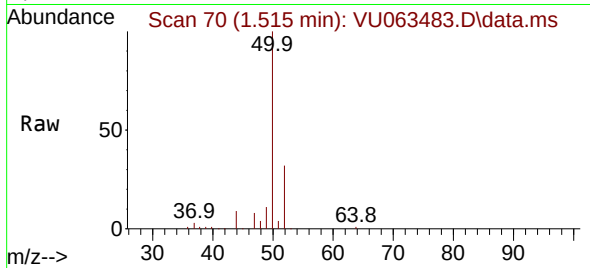




#3
Chloromethane
Concen: 41.911 ug/l
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

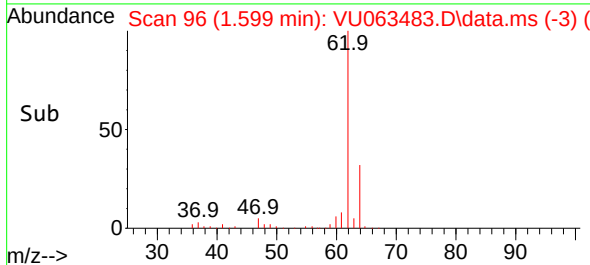
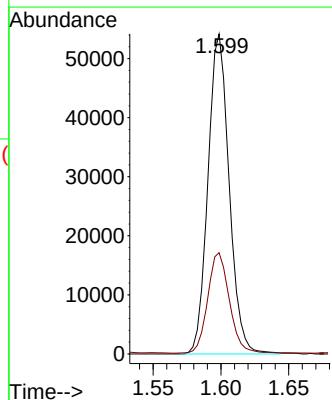
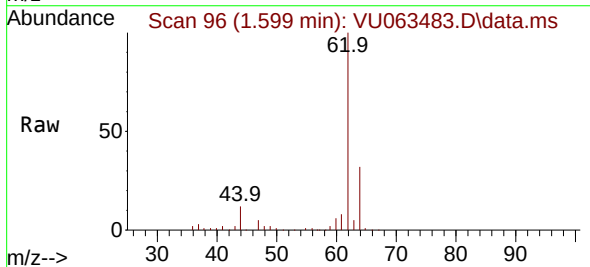
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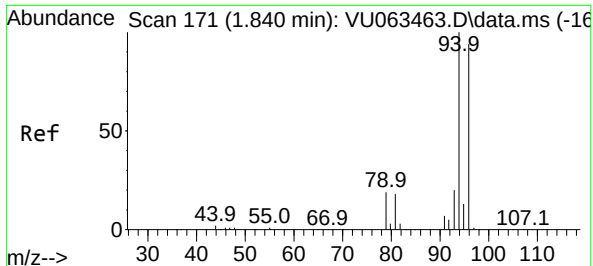
Tgt Ion: 50 Resp: 47404
Ion Ratio Lower Upper
50 100
52 32.1 25.8 38.8



#4
Vinyl Chloride
Concen: 46.934 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 62 Resp: 58863
Ion Ratio Lower Upper
62 100
64 31.4 26.9 40.3

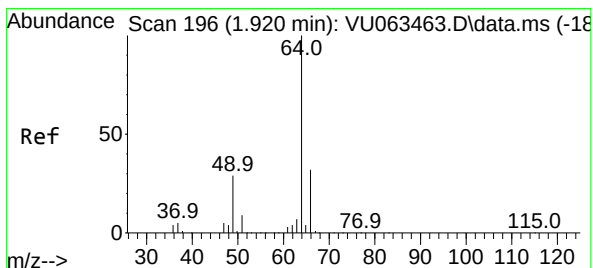
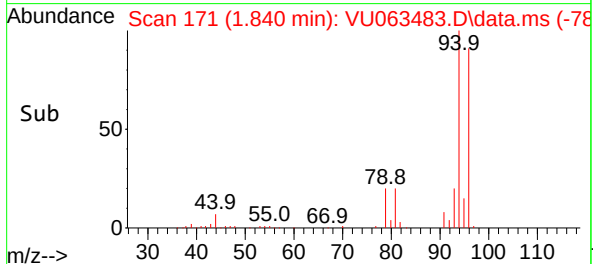
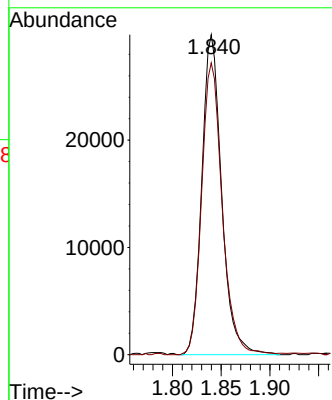
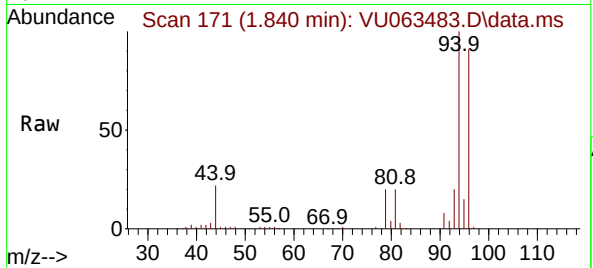




#5
Bromomethane
Concen: 47.957 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

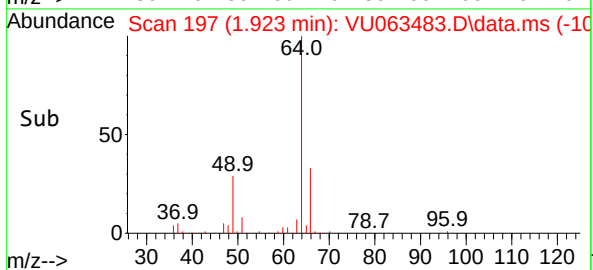
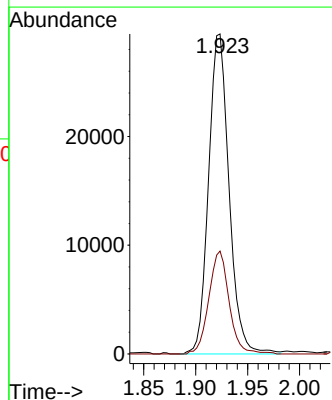
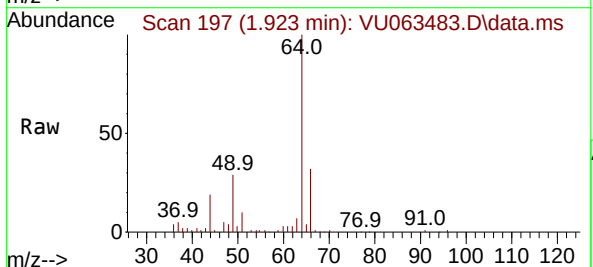
Instrument :
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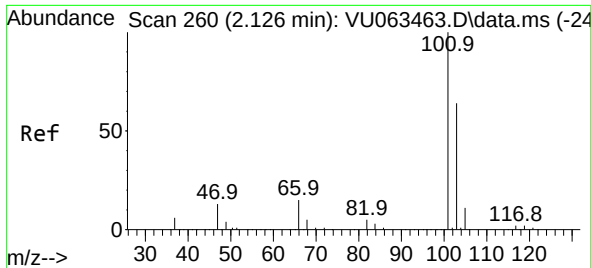
Tgt Ion: 94 Resp: 42139
Ion Ratio Lower Upper
94 100
96 91.2 75.5 113.3



#6
Chloroethane
Concen: 44.327 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 64 Resp: 40280
Ion Ratio Lower Upper
64 100
66 32.2 25.3 37.9

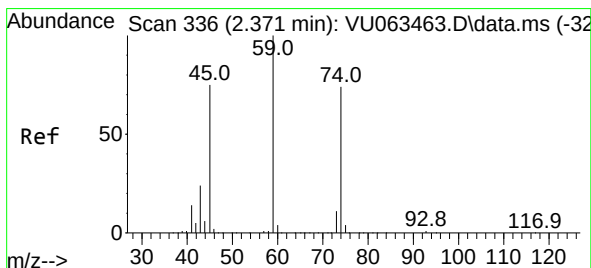
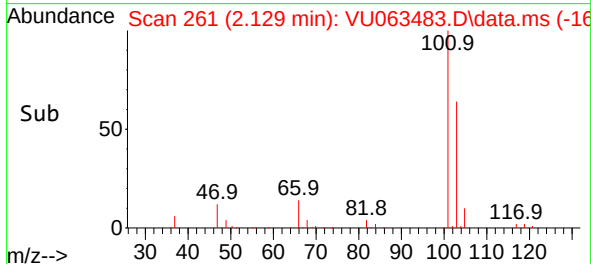
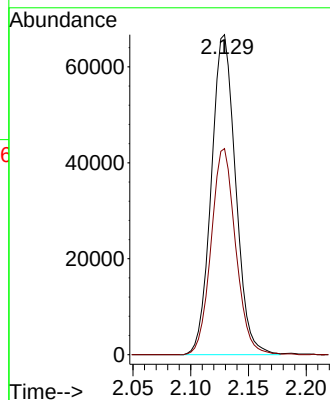
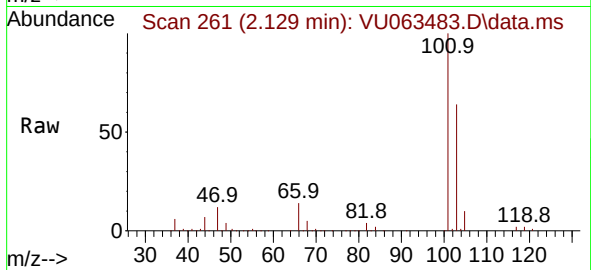




#7
 Trichlorofluoromethane
 Concen: 48.279 ug/l
 RT: 2.129 min Scan# 201
 Delta R.T. 0.003 min
 Lab File: VU063483.D
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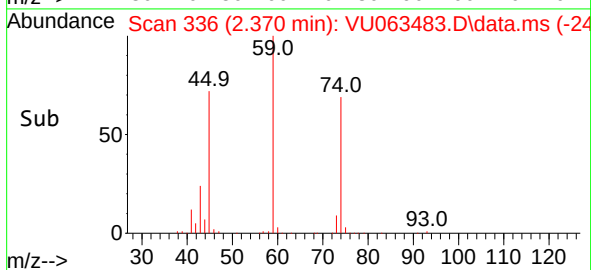
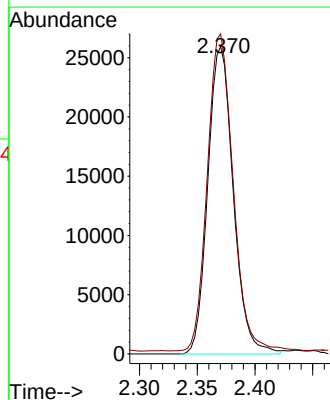
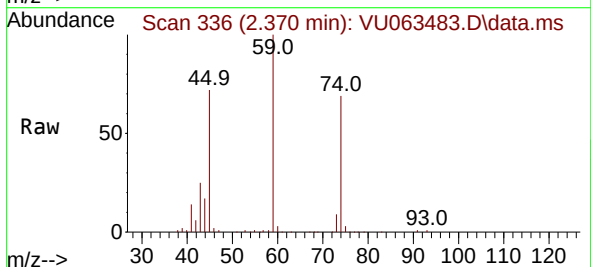
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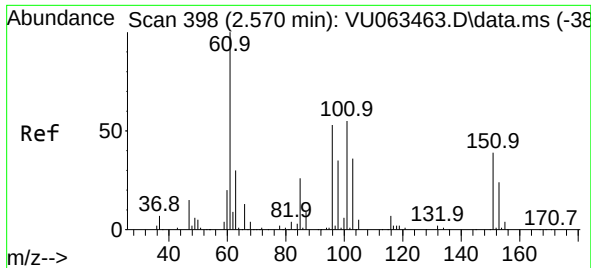
Tgt Ion:101 Resp: 97682
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.1 76.7



#8
 Diethyl Ether
 Concen: 47.173 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 74 Resp: 39776
 Ion Ratio Lower Upper
 74 100
 45 104.1 49.7 149.1

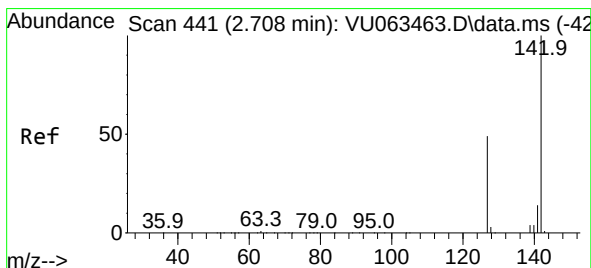
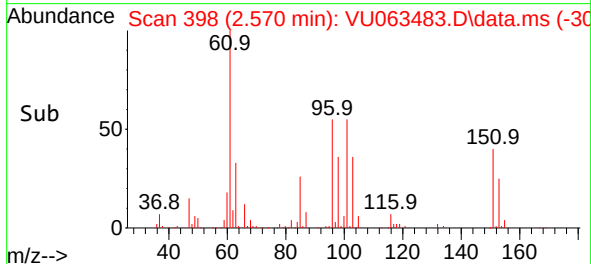
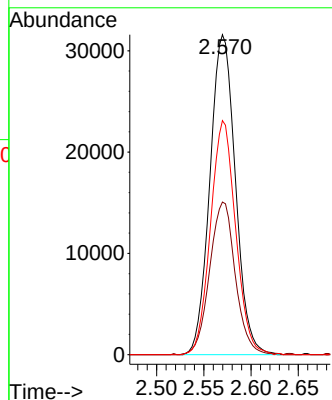
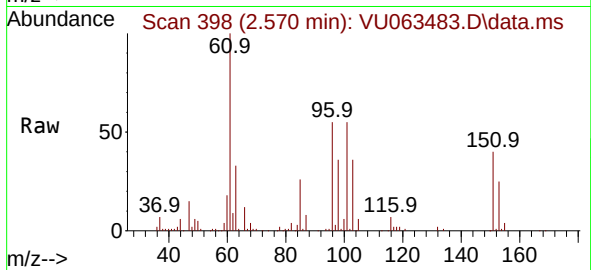




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.526 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063483.D
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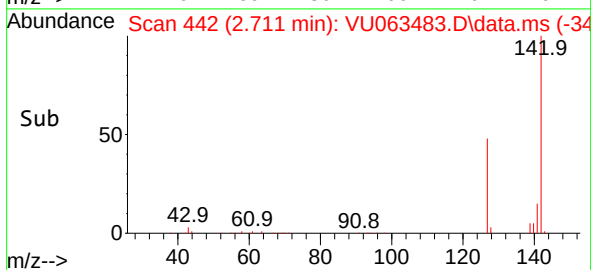
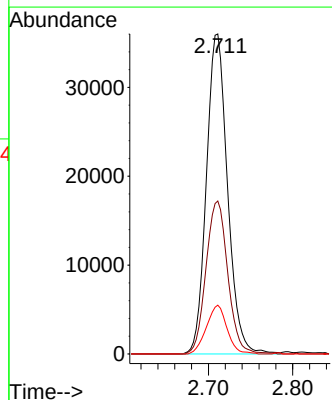
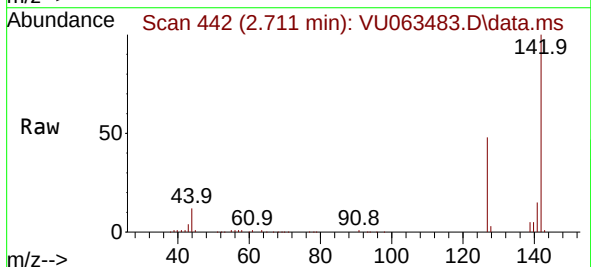
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VSTDCCC050

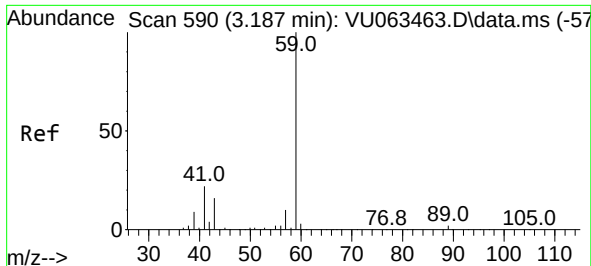
Tgt Ion:101 Resp: 59268
Ion Ratio Lower Upper
101 100
85 48.1 39.6 59.4
151 72.2 57.2 85.8



#10
Methyl Iodide
Concen: 50.362 ug/l
RT: 2.711 min Scan# 442
Delta R.T. 0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion:142 Resp: 62952
Ion Ratio Lower Upper
142 100
127 49.2 38.2 57.4
141 14.9 11.1 16.7

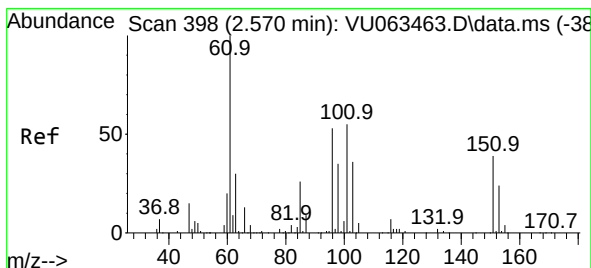
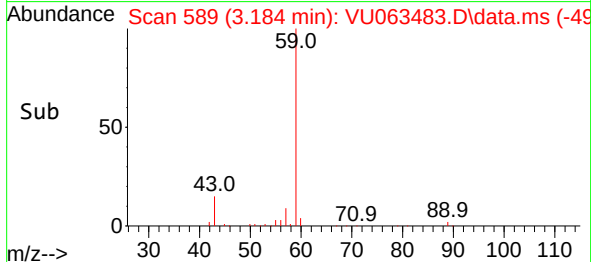
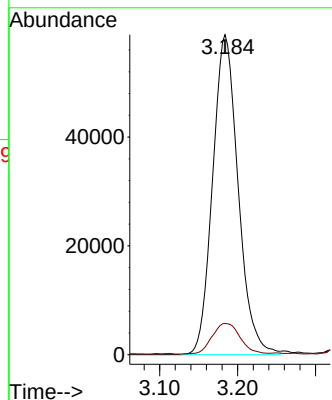
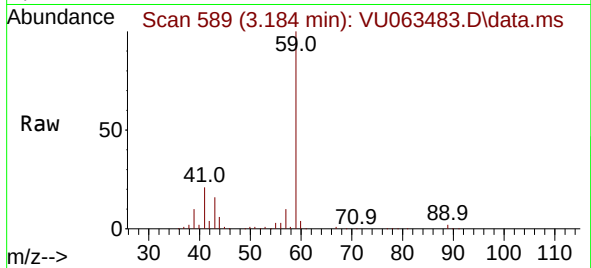




#11
Tert butyl alcohol
Concen: 268.046 ug/l
RT: 3.184 min Scan# 590
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

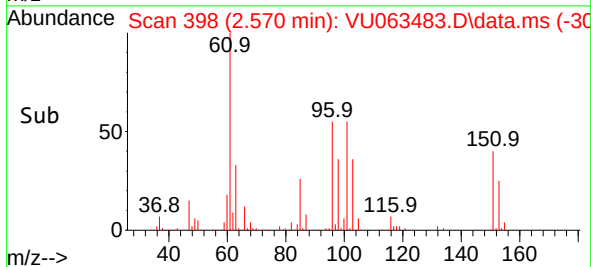
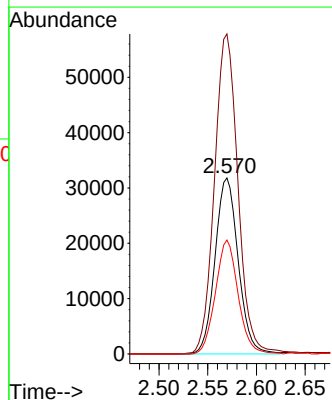
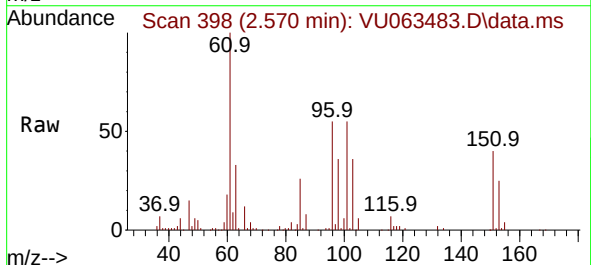
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

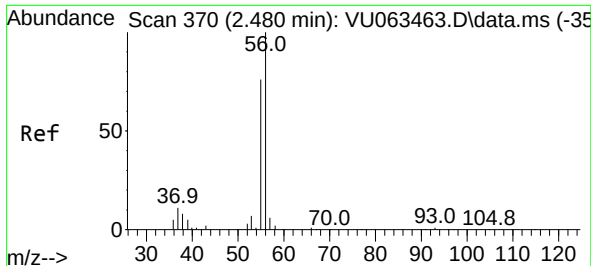
Tgt Ion: 59 Resp: 133884
Ion Ratio Lower Upper
59 100
57 10.5 8.8 13.2



#12
1,1-Dichloroethene
Concen: 47.301 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 96 Resp: 52692
Ion Ratio Lower Upper
96 100
61 181.8 149.6 224.4
98 64.7 52.0 78.0

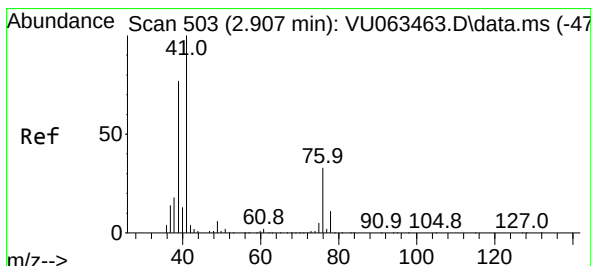
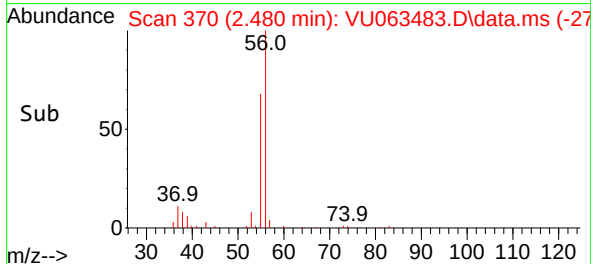
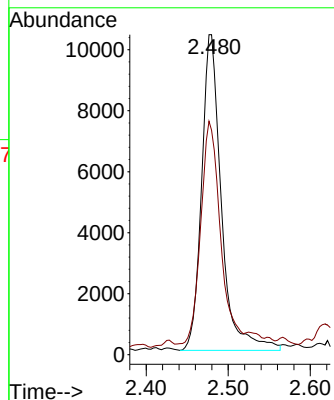
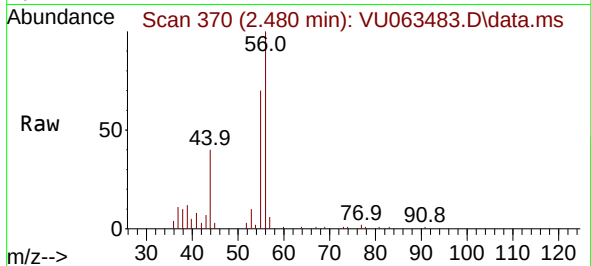




#13
Acrolein
Concen: 246.747 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

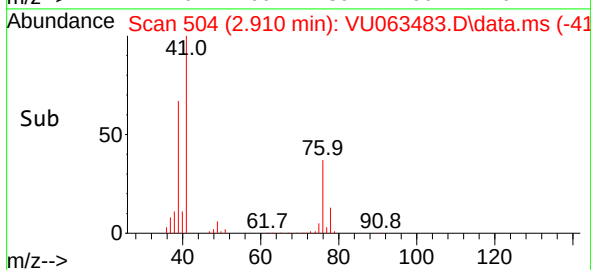
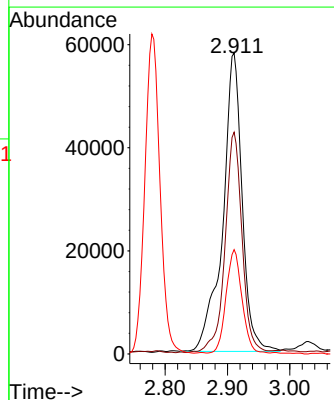
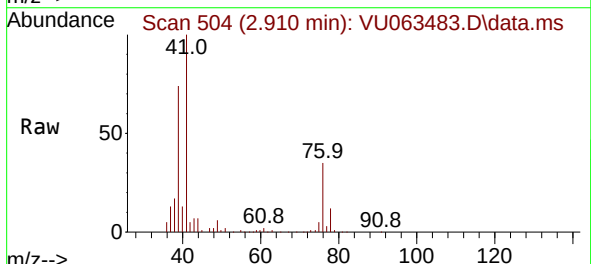
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

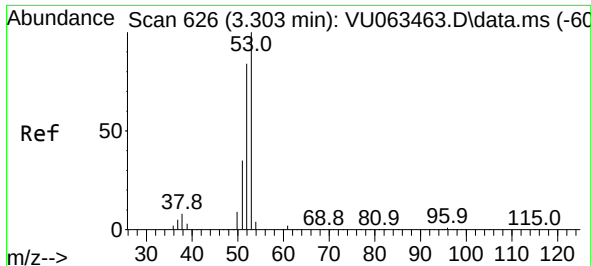
Tgt Ion: 56 Resp: 17396
Ion Ratio Lower Upper
56 100
55 69.3 60.2 90.2



#14
Allyl chloride
Concen: 47.288 ug/l
RT: 2.910 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 41 Resp: 125391
Ion Ratio Lower Upper
41 100
39 64.4 53.9 80.9
76 28.1 23.1 34.7

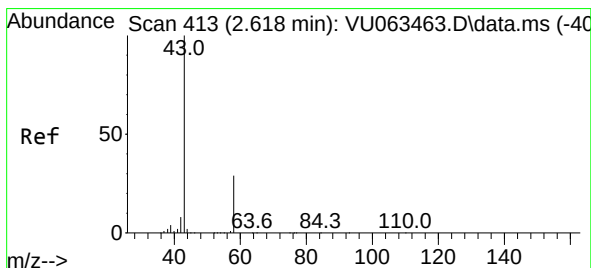
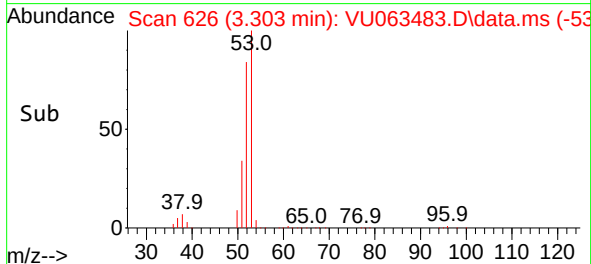
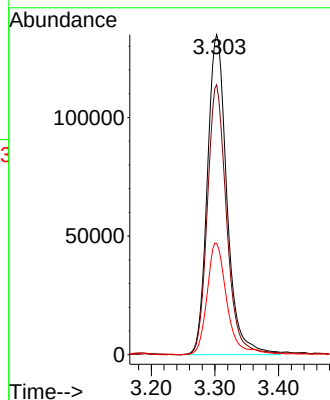
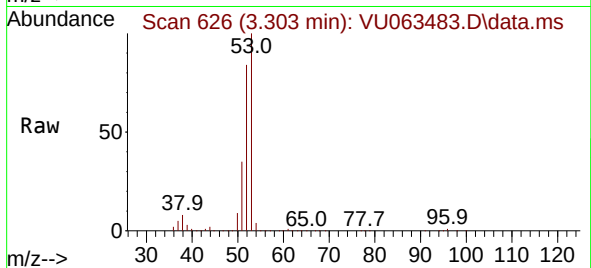




#15
Acrylonitrile
Concen: 268.681 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

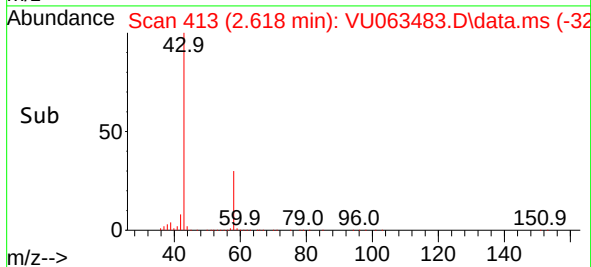
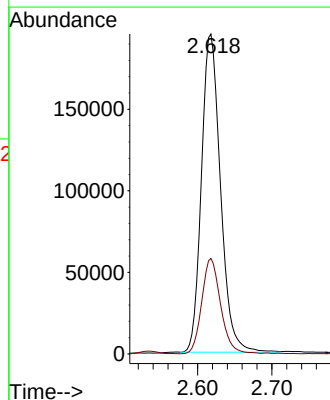
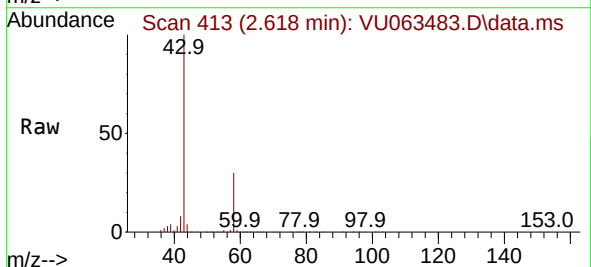
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

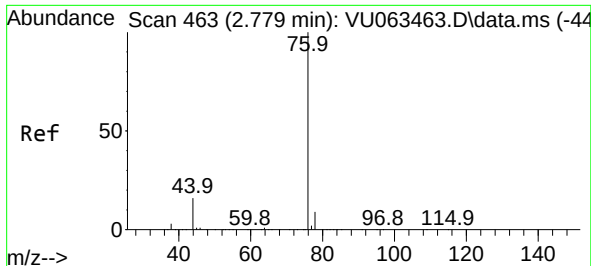
Tgt Ion: 53 Resp: 287459
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 35.6 28.8 43.2



#16
Acetone
Concen: 277.852 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 347221
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7

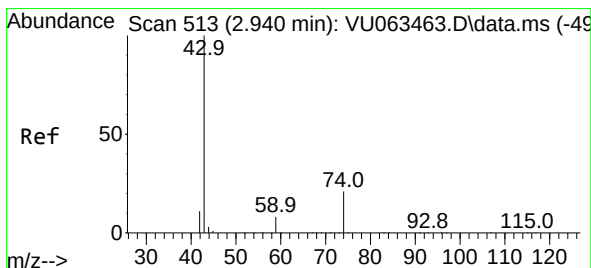
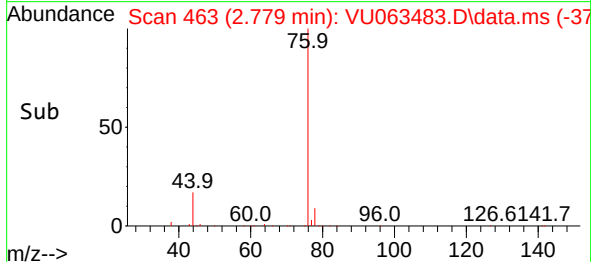
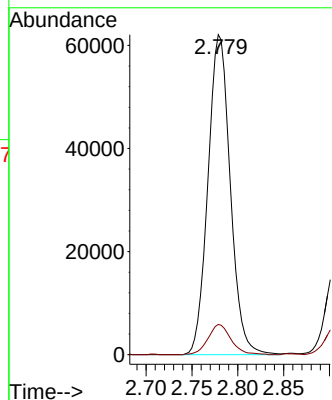
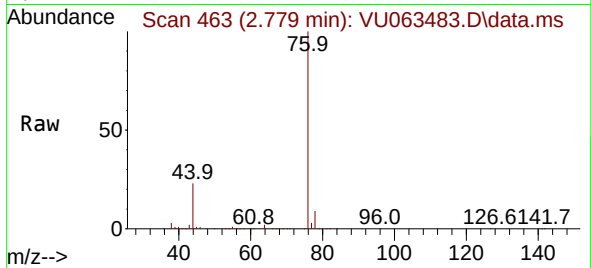




#17
Carbon Disulfide
Concen: 39.516 ug/l
RT: 2.779 min Scan# 463
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

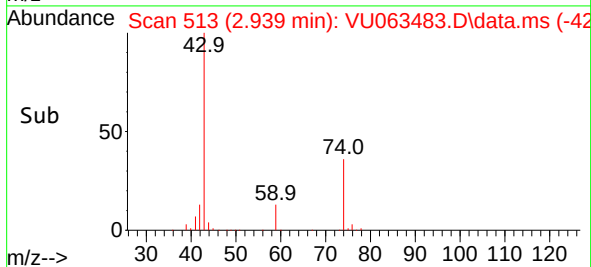
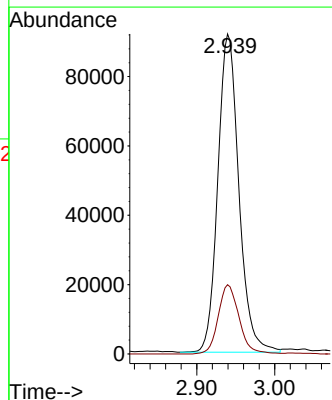
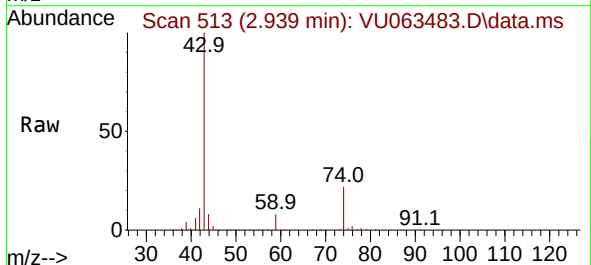
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

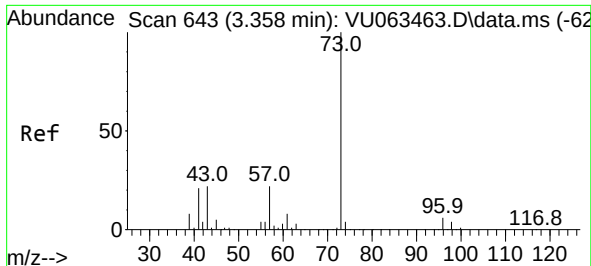
Tgt Ion: 76 Resp: 105229
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 53.574 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 172294
Ion Ratio Lower Upper
43 100
74 21.5 17.3 25.9

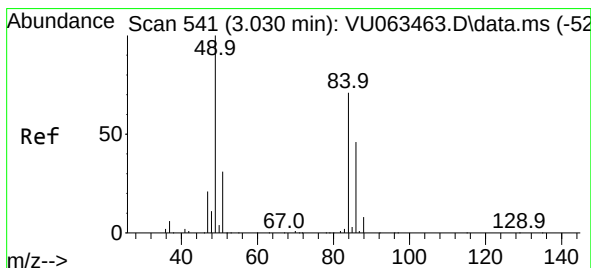
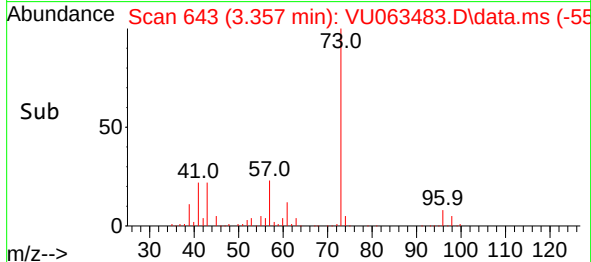
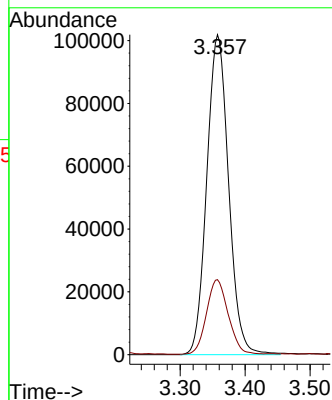
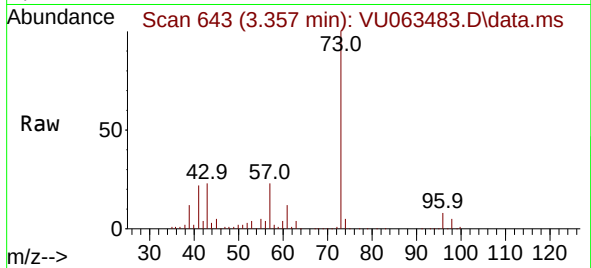




#19
Methyl tert-butyl Ether
Concen: 49.482 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

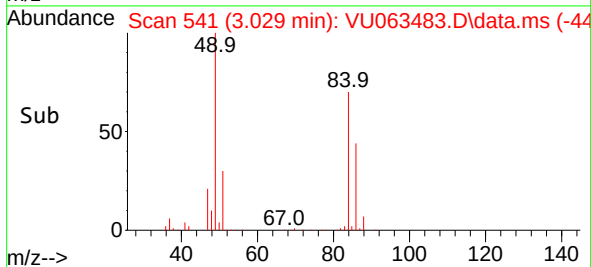
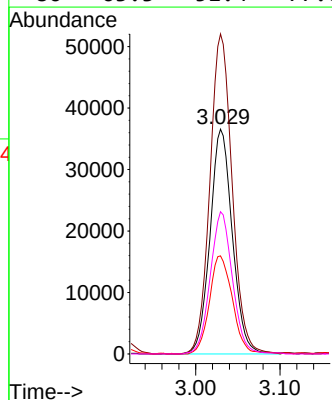
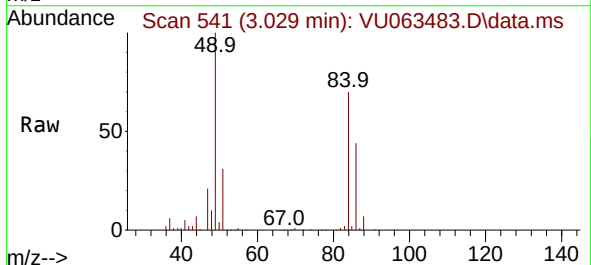
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

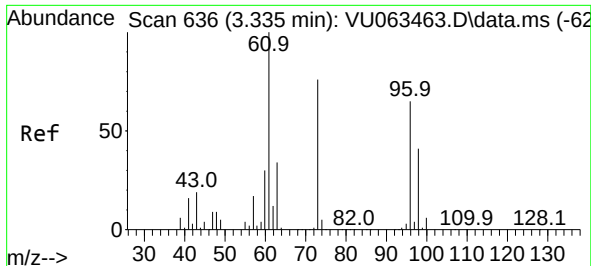
Tgt Ion: 73 Resp: 237724
Ion Ratio Lower Upper
73 100
57 23.3 17.8 26.6



#20
Methylene Chloride
Concen: 36.948 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 84 Resp: 67323
Ion Ratio Lower Upper
84 100
49 142.4 112.1 168.1
51 43.6 34.4 51.6
86 63.3 51.4 77.0

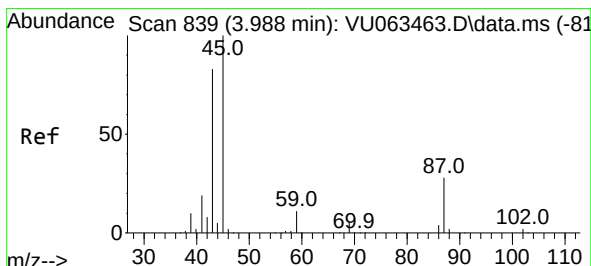
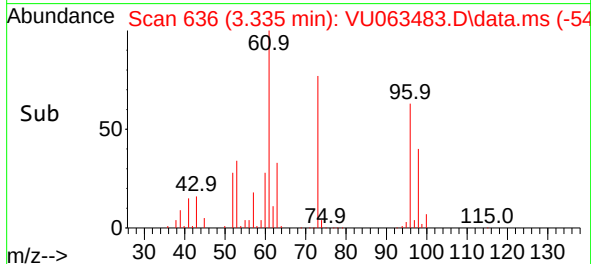
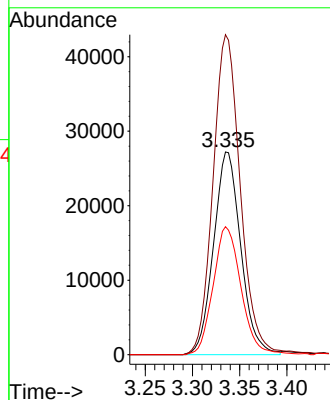
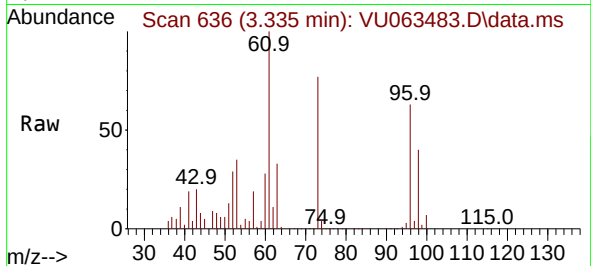




#21
trans-1,2-Dichloroethene
Concen: 45.560 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

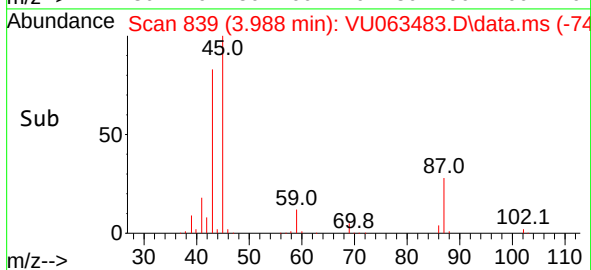
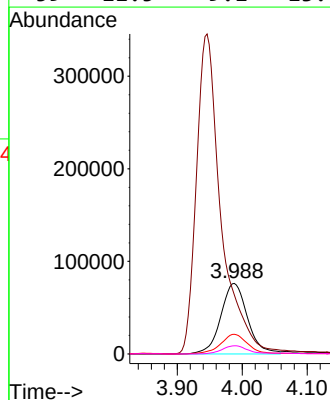
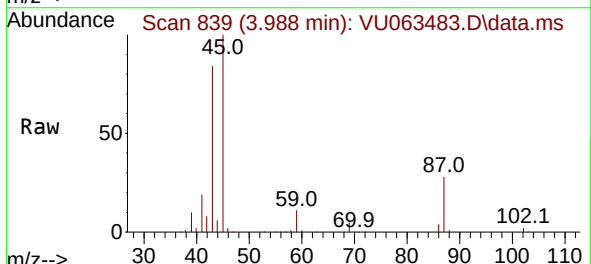
Instrument :
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ClientSampleId :
VSTDCCC050

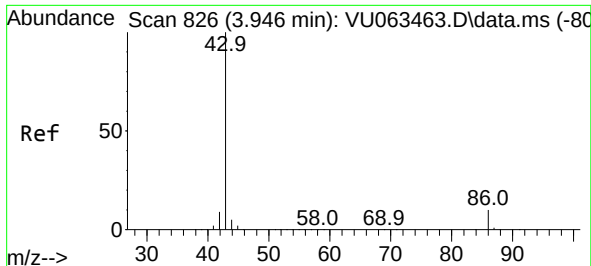
Tgt Ion: 96 Resp: 54527
Ion Ratio Lower Upper
96 100
61 157.8 122.2 183.4
98 63.1 49.9 74.9



#22
Diisopropyl ether
Concen: 48.155 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 45 Resp: 217418
Ion Ratio Lower Upper
45 100
43 81.8 66.5 99.7
87 27.8 22.6 33.8
59 11.5 9.1 13.7

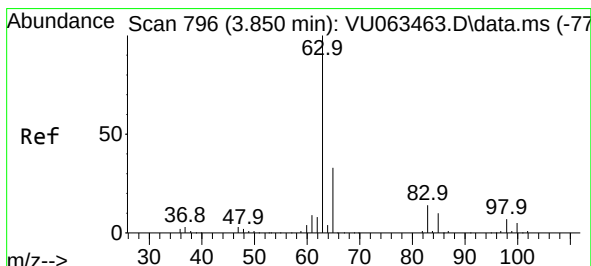
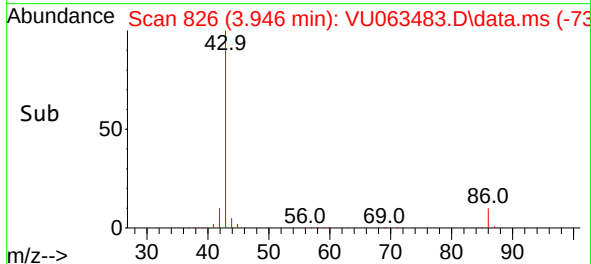
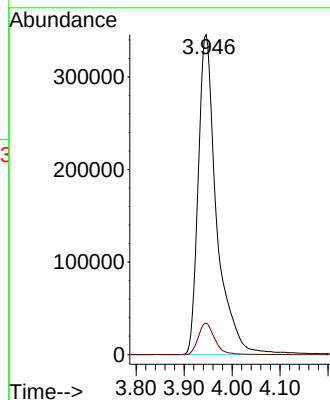
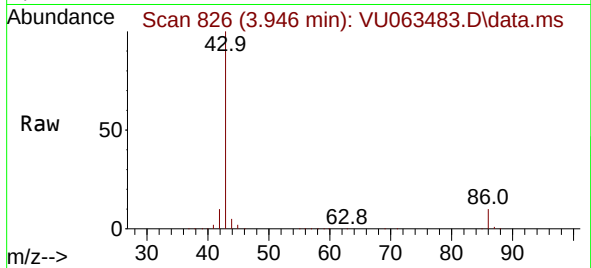




#23
 Vinyl Acetate
 Concen: 261.995 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

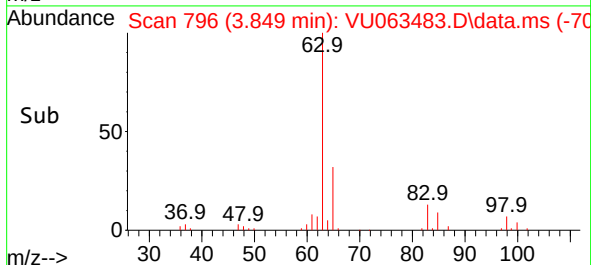
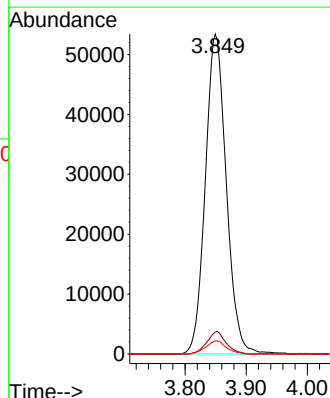
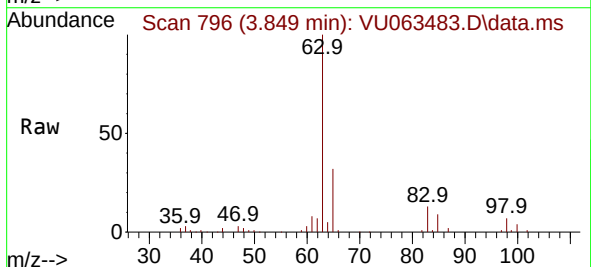
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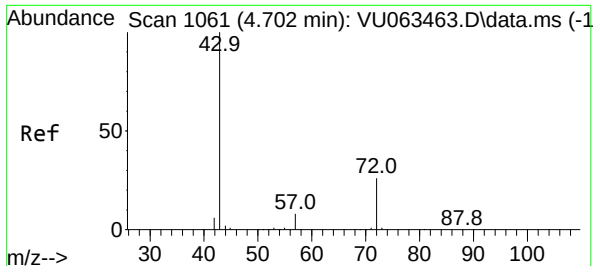
Tgt Ion: 43 Resp: 917850
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 49.709 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 63 Resp: 127374
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 284.224 ug/l

RT: 4.698 min Scan# 1060

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

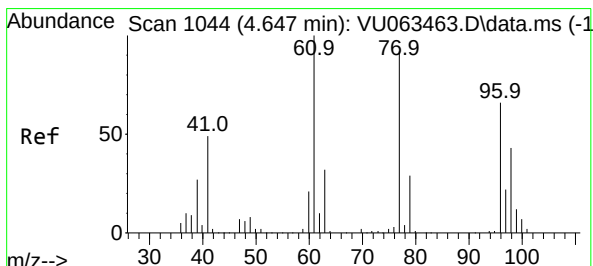
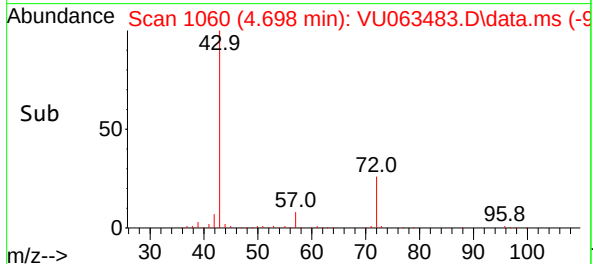
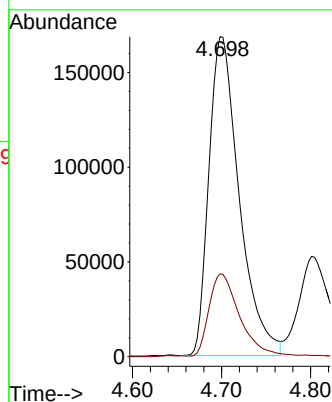
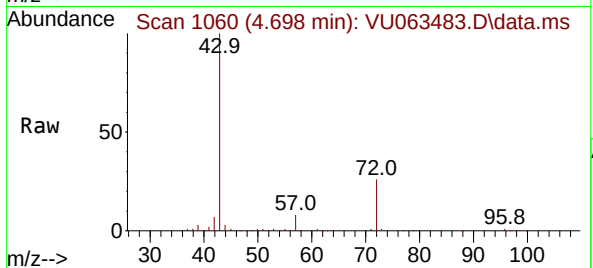
VSTDCCC050

Tgt Ion: 43 Resp: 398728

Ion Ratio Lower Upper

43 100

72 25.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 50.907 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063483.D

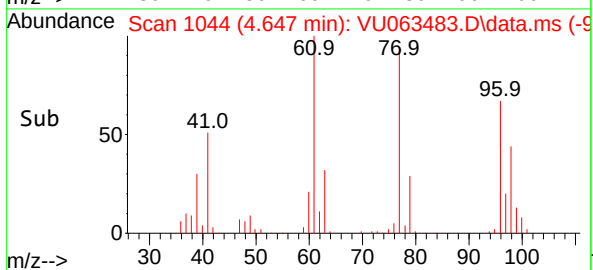
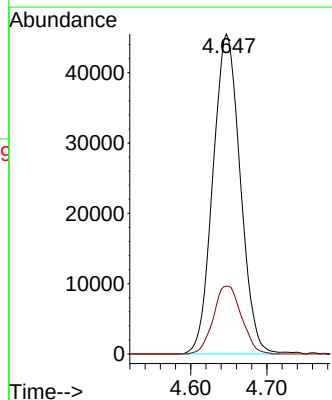
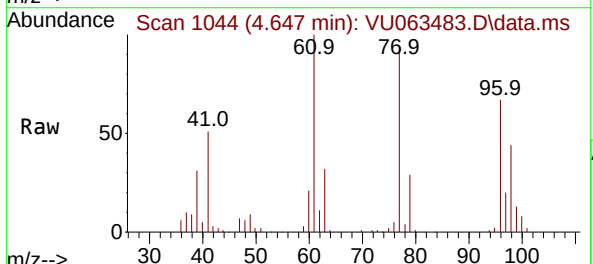
Acq: 11 Jul 2025 08:22

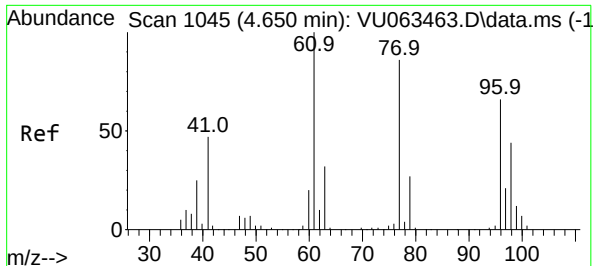
Tgt Ion: 77 Resp: 113487

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.3

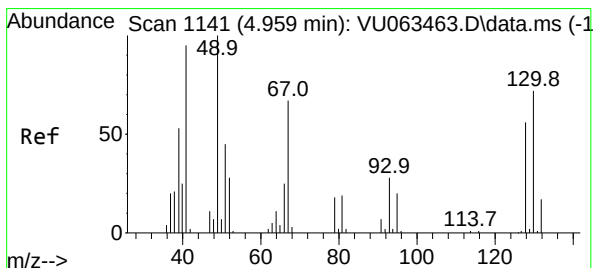
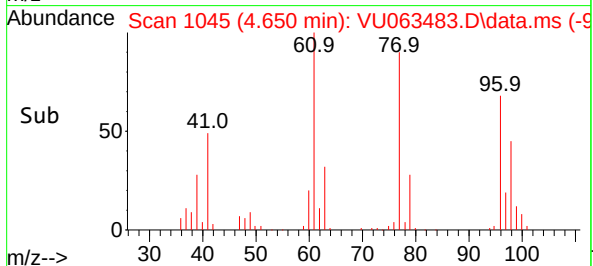
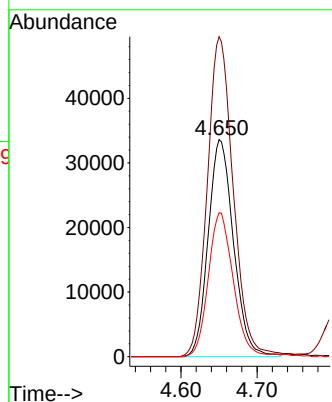
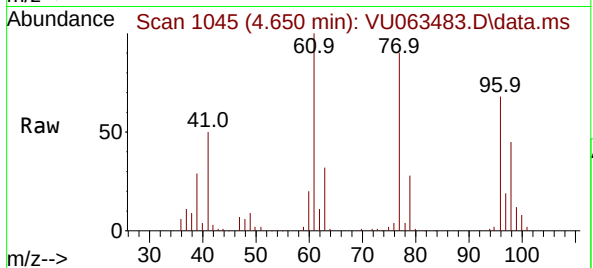




#27
 cis-1,2-Dichloroethene
 Concen: 49.262 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

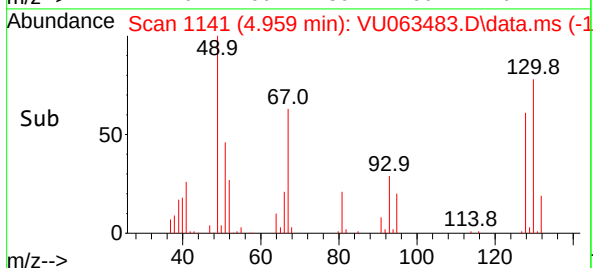
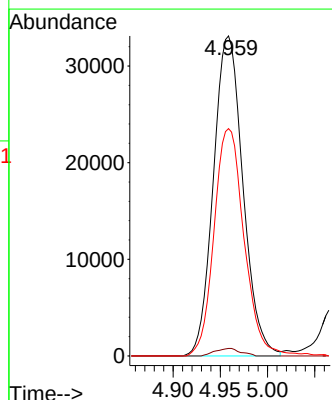
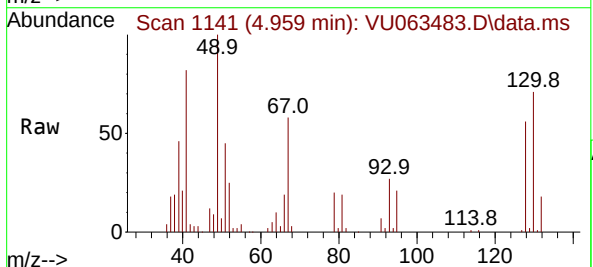
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

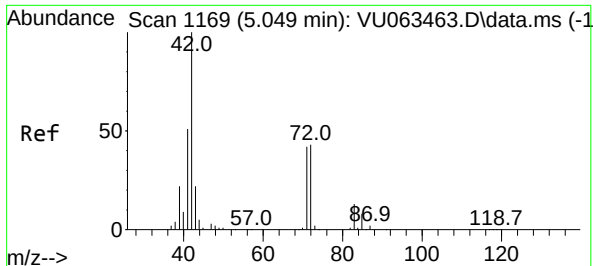
Tgt Ion: 96 Resp: 77821
 Ion Ratio Lower Upper
 96 100
 61 151.4 0.0 307.2
 98 64.9 0.0 133.0



#28
 Bromochloromethane
 Concen: 59.838 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 49 Resp: 72025
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 72.3 59.0 88.4





#29

Tetrahydrofuran

Concen: 266.252 ug/l

RT: 5.045 min Scan# 1168

Delta R.T. -0.004 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

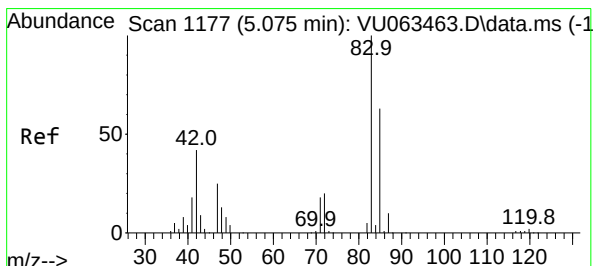
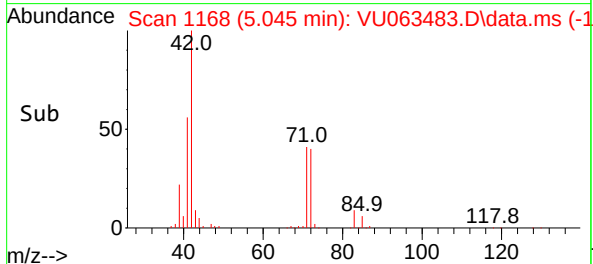
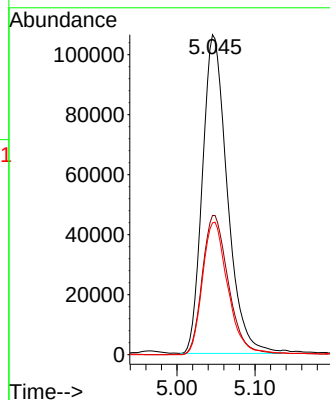
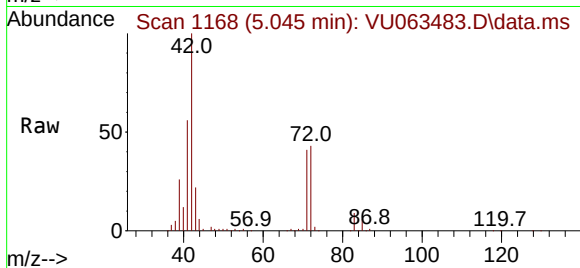
Tgt Ion: 42 Resp: 235619

Ion Ratio Lower Upper

42 100

72 46.0 36.2 54.4

71 42.8 33.3 49.9



#30

Chloroform

Concen: 51.056 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU063483.D

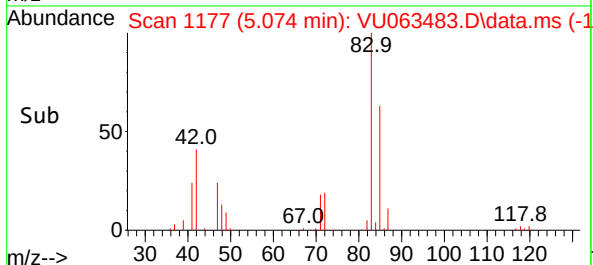
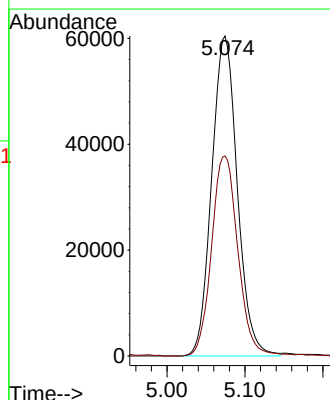
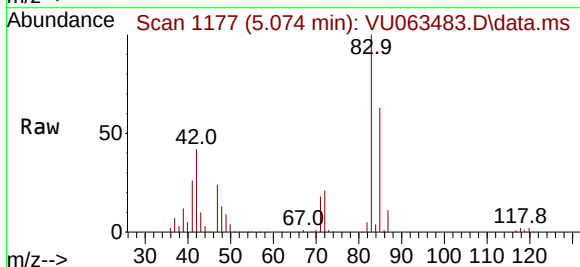
Acq: 11 Jul 2025 08:22

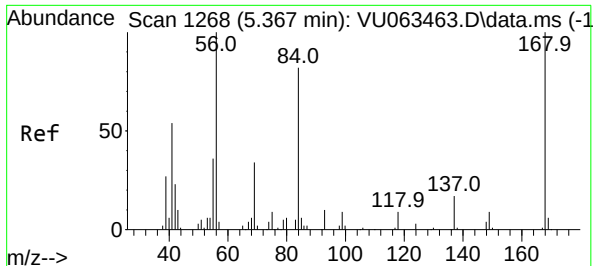
Tgt Ion: 83 Resp: 138123

Ion Ratio Lower Upper

83 100

85 62.5 50.7 76.1

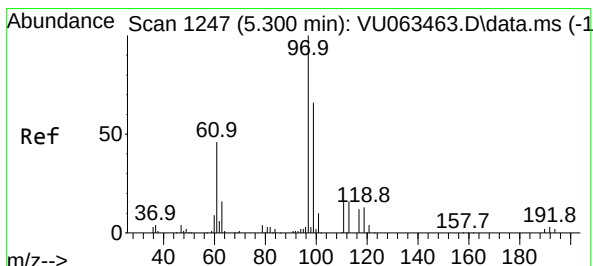
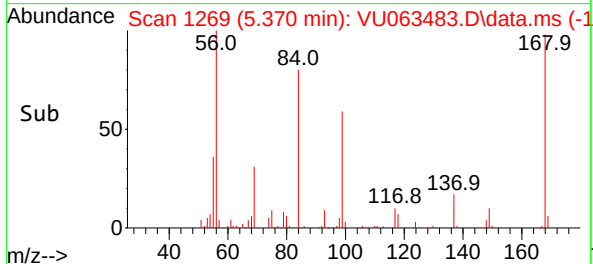
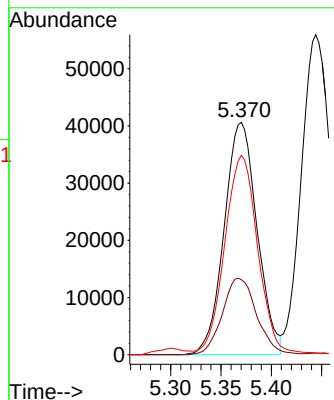
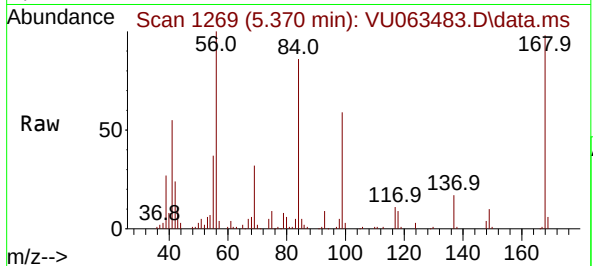




#31
Cyclohexane
Concen: 44.924 ug/l
RT: 5.370 min Scan# 1268
Delta R.T. 0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

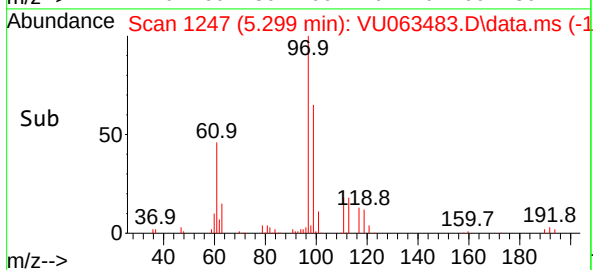
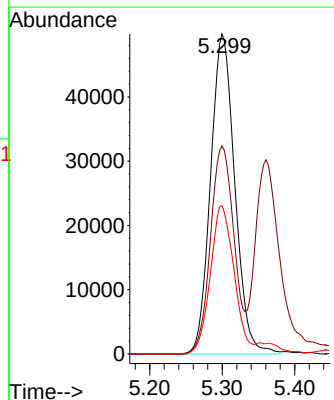
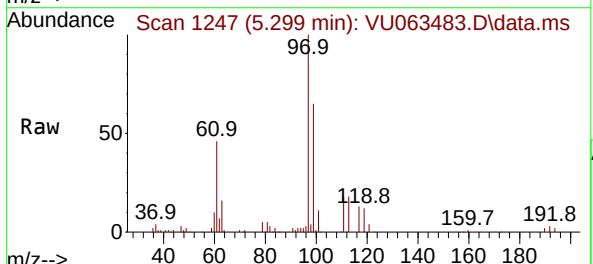
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

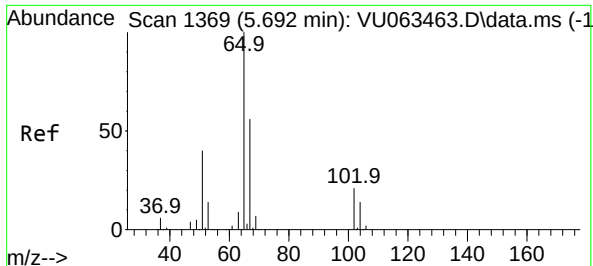
Tgt Ion: 56 Resp: 92538
Ion Ratio Lower Upper
56 100
69 32.3 27.0 40.4
84 83.7 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 50.184 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 97 Resp: 115598
Ion Ratio Lower Upper
97 100
99 63.1 50.4 75.6
61 45.4 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 49.365 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

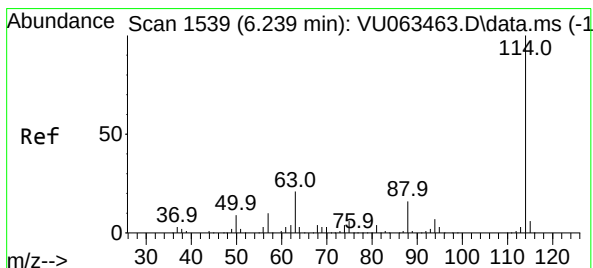
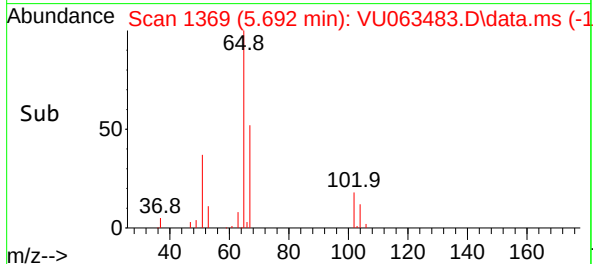
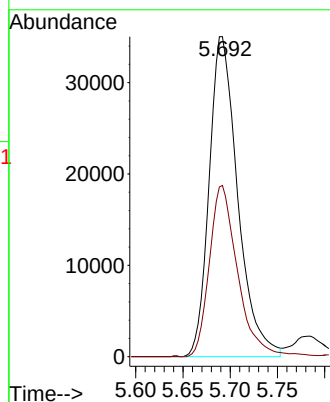
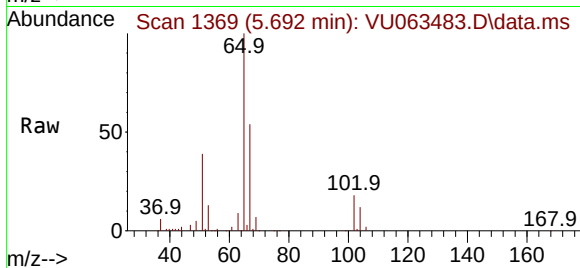
VSTDCCC050

Tgt Ion: 65 Resp: 73540

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

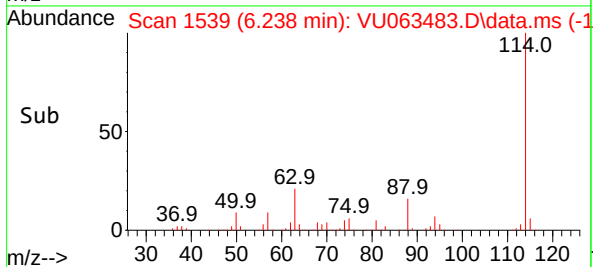
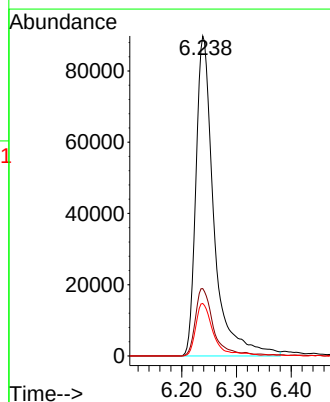
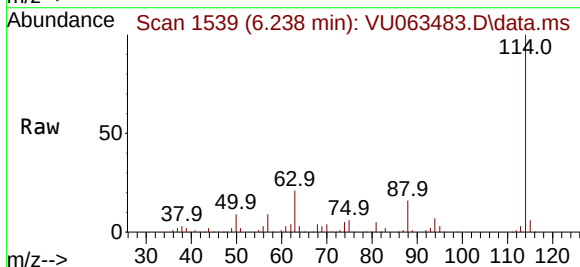
Tgt Ion: 114 Resp: 205232

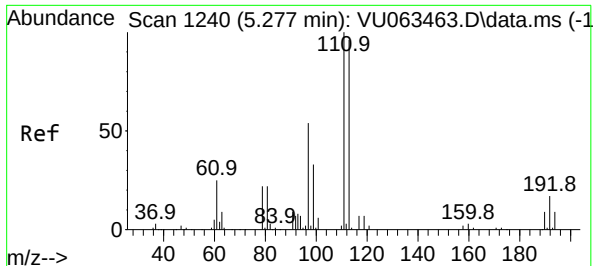
Ion Ratio Lower Upper

114 100

63 21.0 0.0 41.6

88 16.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.799 ug/l

RT: 5.277 min Scan# 1113

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

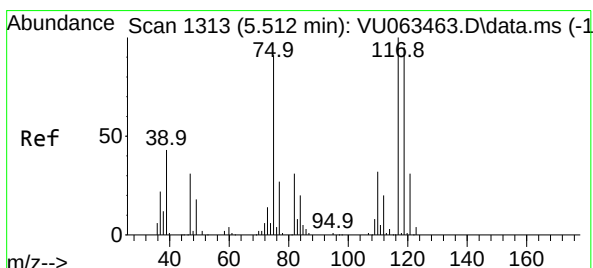
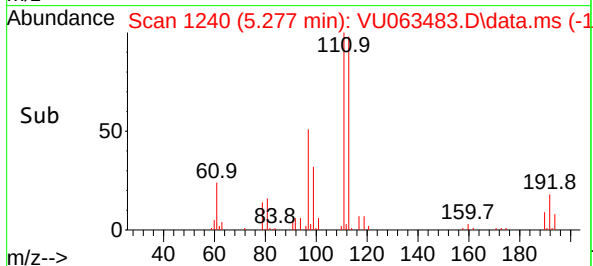
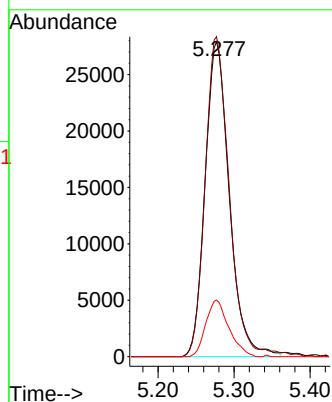
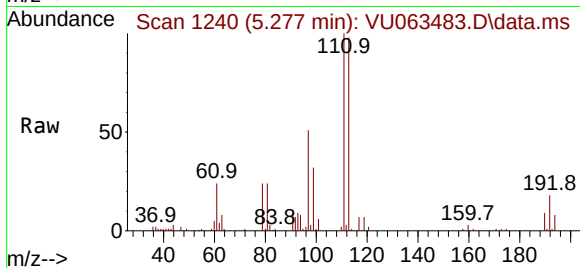
Tgt Ion:113 Resp: 61606

Ion Ratio Lower Upper

113 100

111 101.5 82.1 123.1

192 17.2 14.3 21.5



#36

1,1-Dichloropropene

Concen: 47.778 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

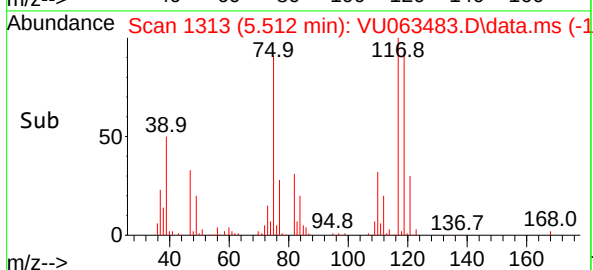
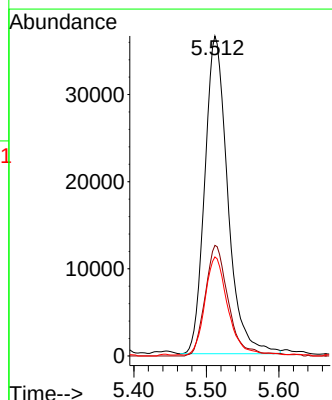
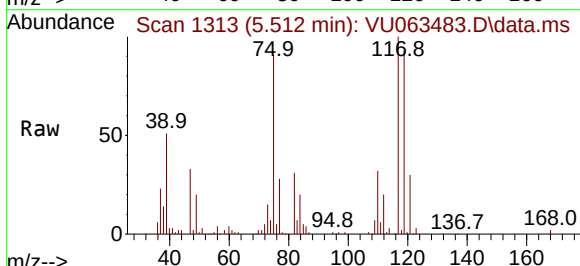
Tgt Ion: 75 Resp: 80313

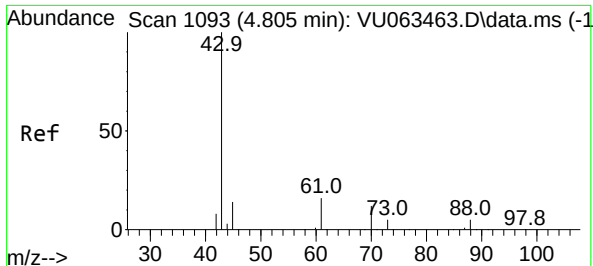
Ion Ratio Lower Upper

75 100

110 34.9 17.3 52.0

77 30.7 23.9 35.9





#37

Ethyl Acetate

Concen: 45.954 ug/l

RT: 4.801 min Scan# 1092

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

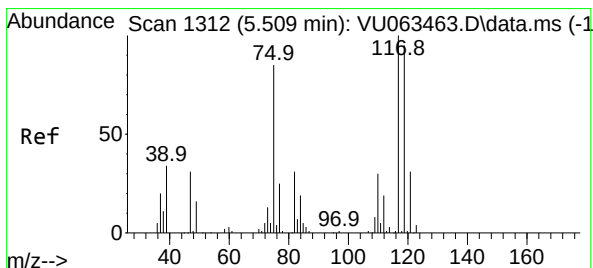
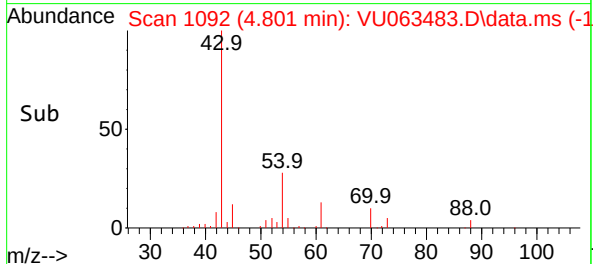
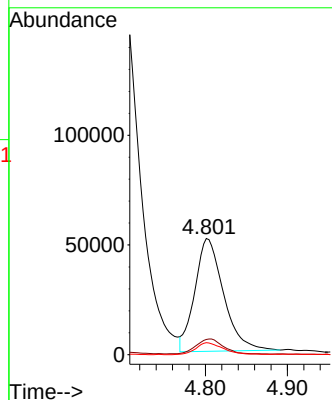
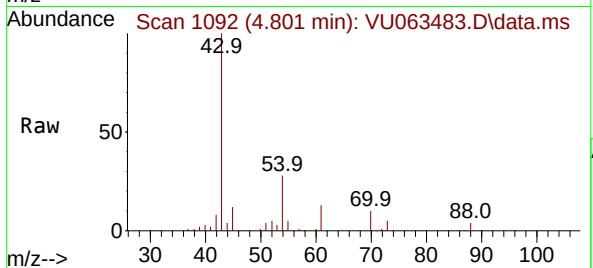
Tgt Ion: 43 Resp: 125102

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

70 10.2 7.8 11.8



#38

Carbon Tetrachloride

Concen: 48.905 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

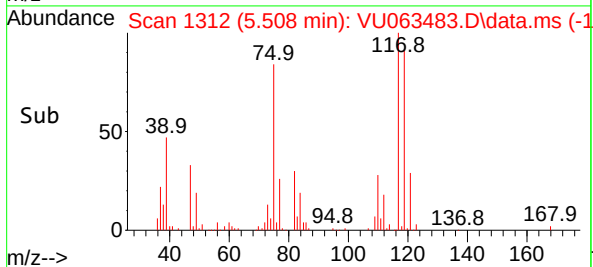
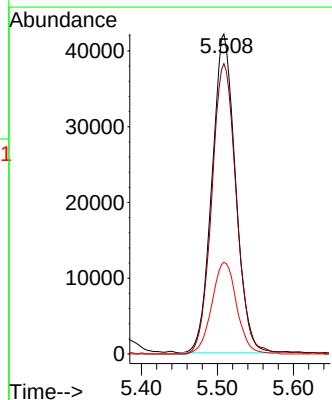
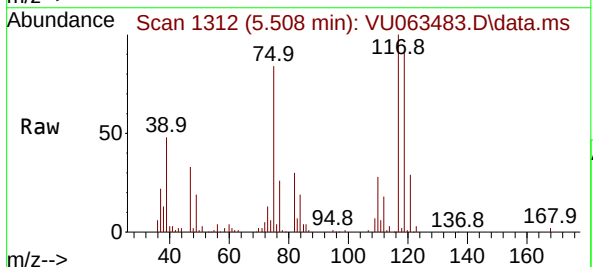
Tgt Ion: 117 Resp: 90578

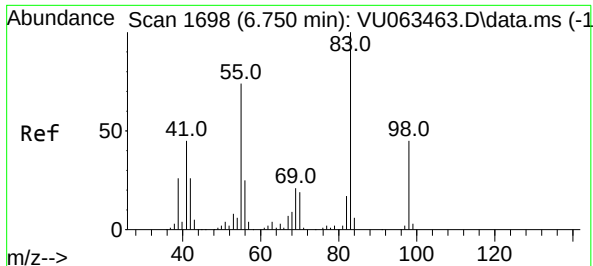
Ion Ratio Lower Upper

117 100

119 91.0 76.1 114.1

121 28.7 25.0 37.4





#39

Methylcyclohexane

Concen: 44.550 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

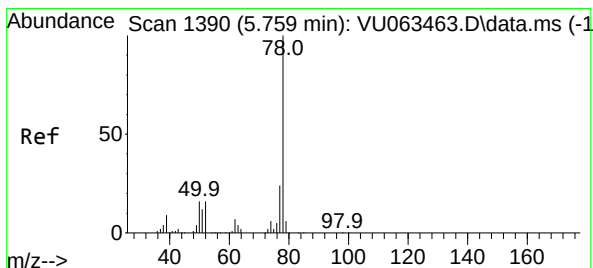
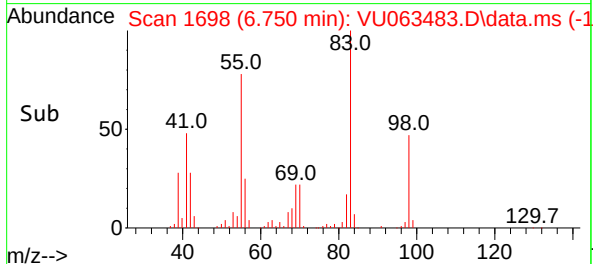
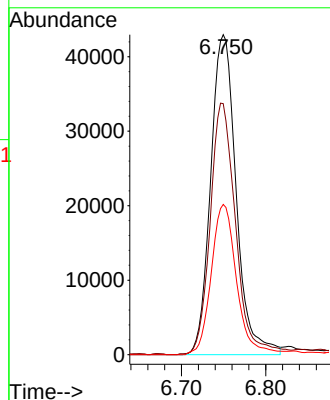
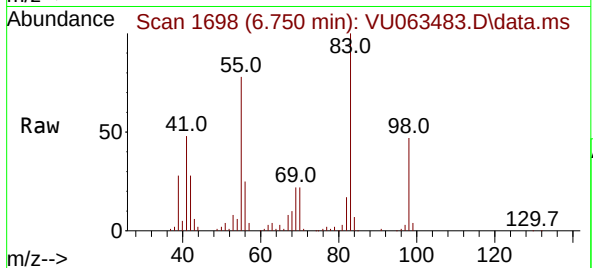
Tgt Ion: 83 Resp: 90485

Ion Ratio Lower Upper

83 100

55 78.1 59.4 89.2

98 46.9 36.2 54.4



#40

Benzene

Concen: 49.056 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063483.D

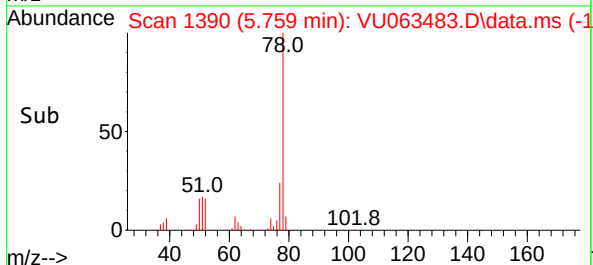
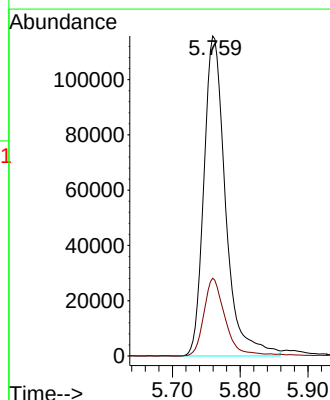
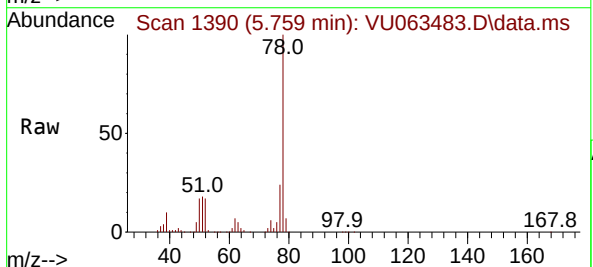
Acq: 11 Jul 2025 08:22

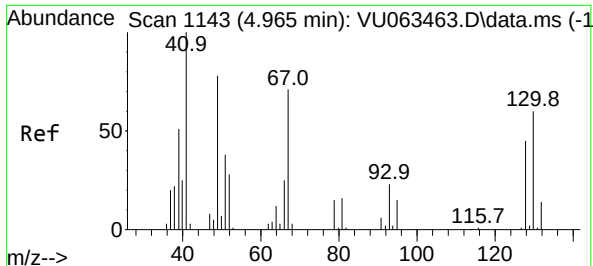
Tgt Ion: 78 Resp: 257526

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.4



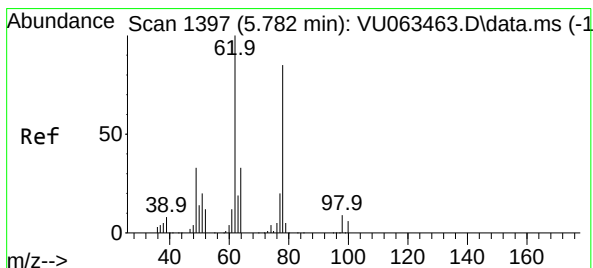
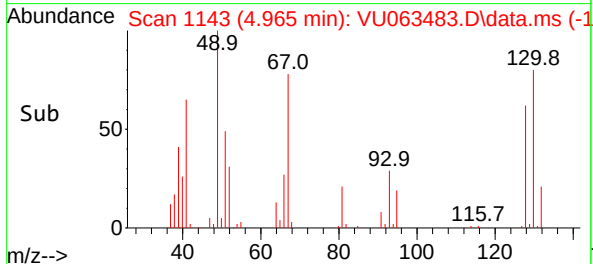
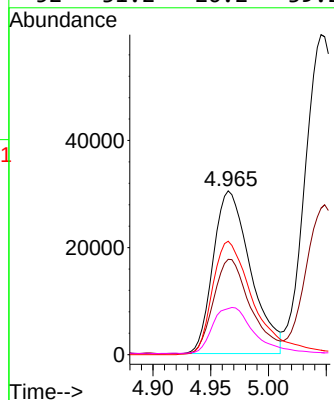
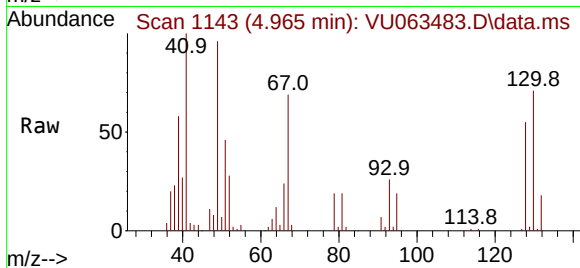


#41
Methacrylonitrile
Concen: 53.195 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 68331

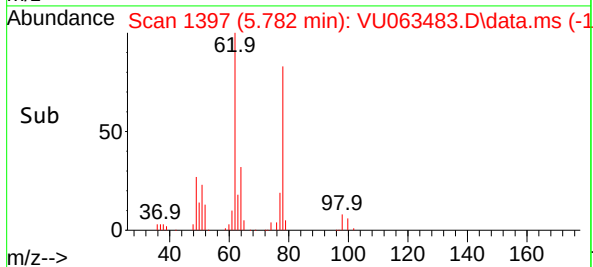
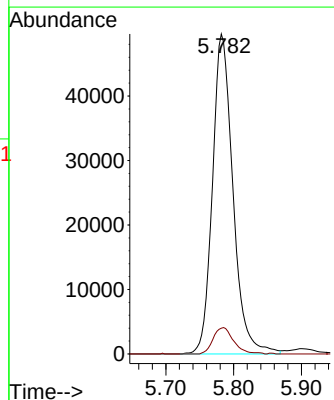
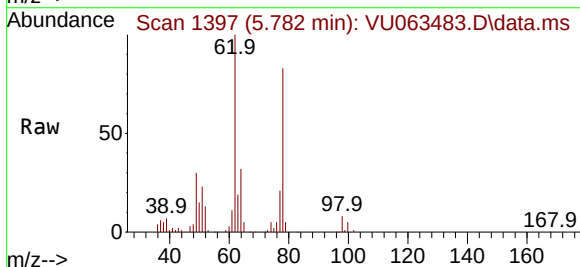
Ion	Ratio	Lower	Upper
41	100		
39	57.4	43.6	65.4
67	78.1	62.8	94.2
52	31.2	26.2	39.2

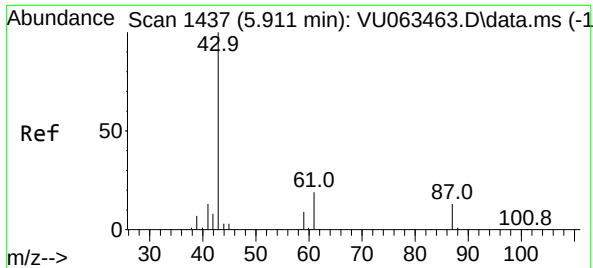


#42
1,2-Dichloroethane
Concen: 52.910 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 62 Resp: 104442

Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	17.6

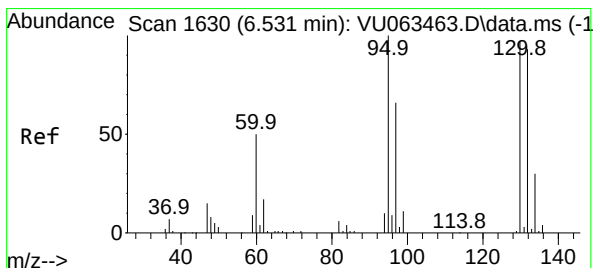
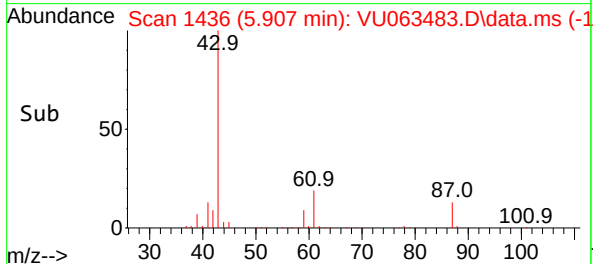
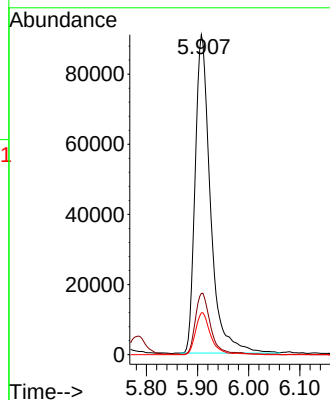
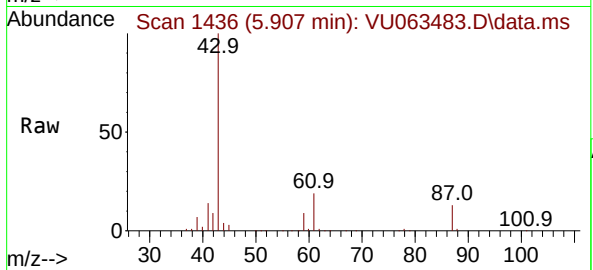




#43
Isopropyl Acetate
Concen: 52.264 ug/l
RT: 5.907 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

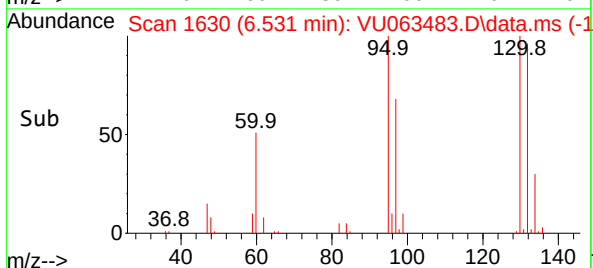
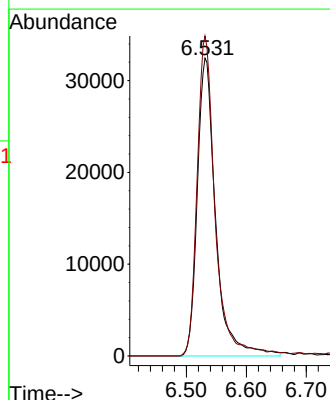
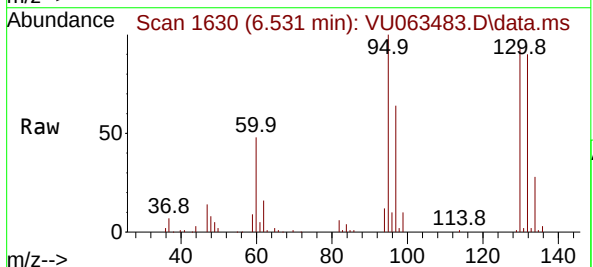
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

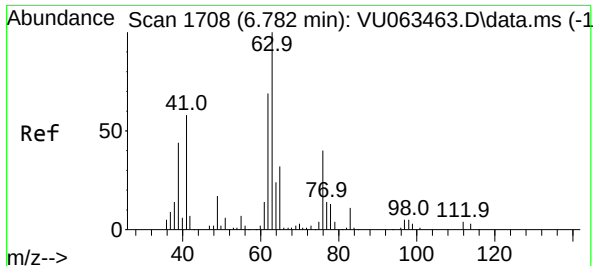
Tgt Ion: 43 Resp: 188985
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.2
87 12.8 10.5 15.7



#44
Trichloroethene
Concen: 49.223 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion:130 Resp: 69152
Ion Ratio Lower Upper
130 100
95 107.4 0.0 206.4





#45

1,2-Dichloropropane

Concen: 50.759 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

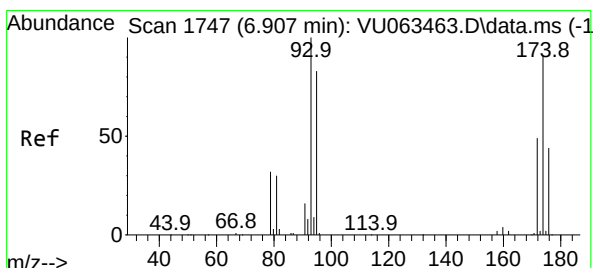
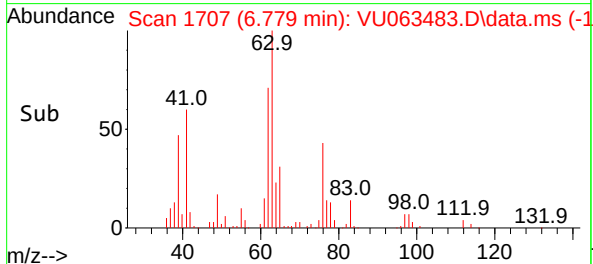
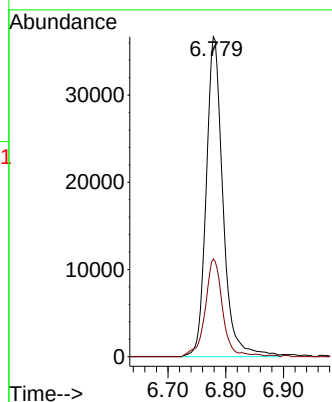
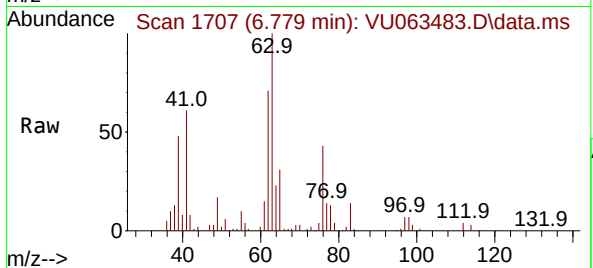
VSTDCCC050

Tgt Ion: 63 Resp: 74076

Ion Ratio Lower Upper

63 100

65 30.6 25.3 37.9



#46

Dibromomethane

Concen: 52.578 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

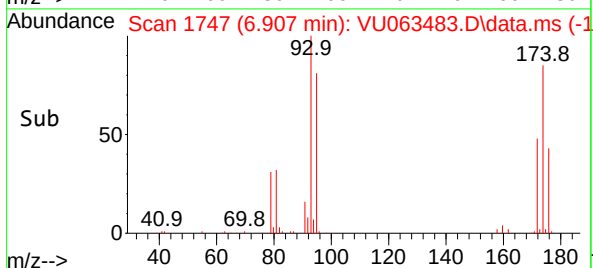
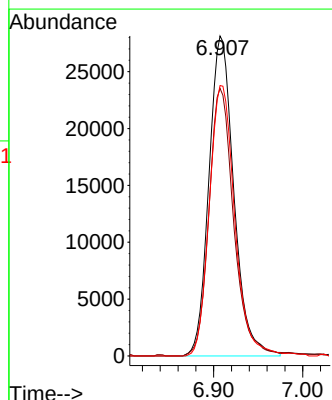
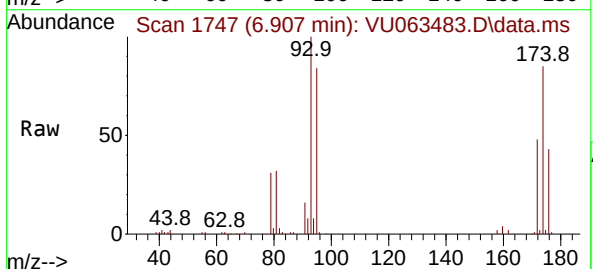
Tgt Ion: 93 Resp: 54594

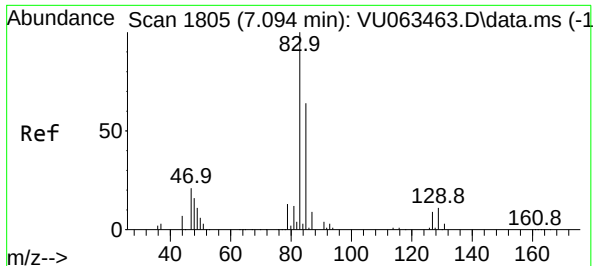
Ion Ratio Lower Upper

93 100

95 83.6 67.5 101.3

174 86.2 73.1 109.7

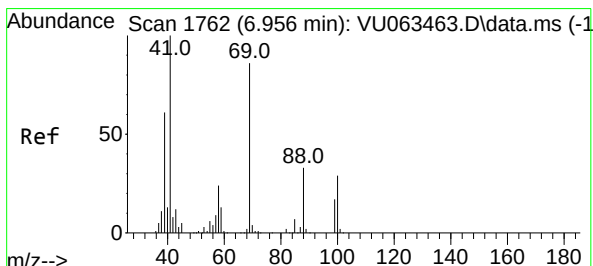
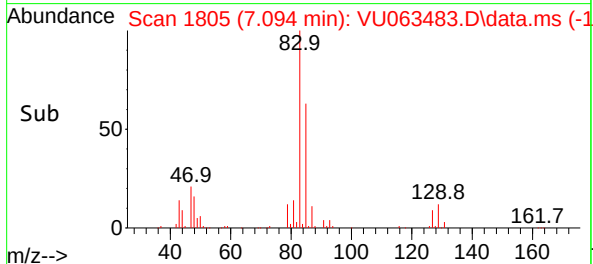
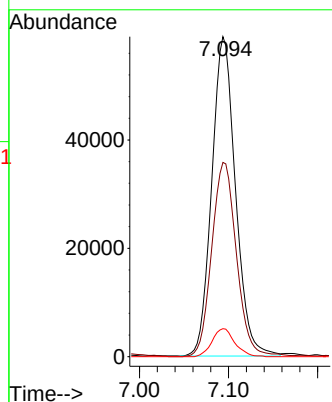
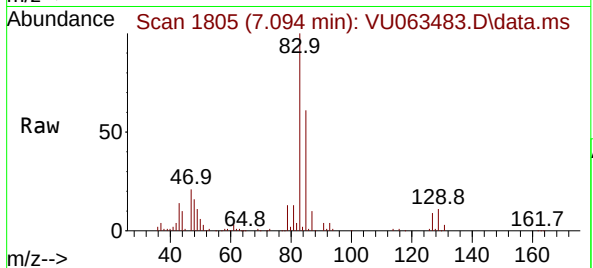




#47
Bromodichloromethane
Concen: 50.540 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

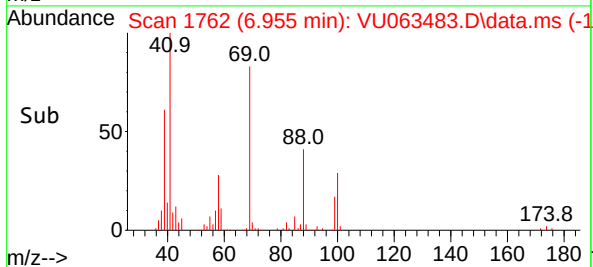
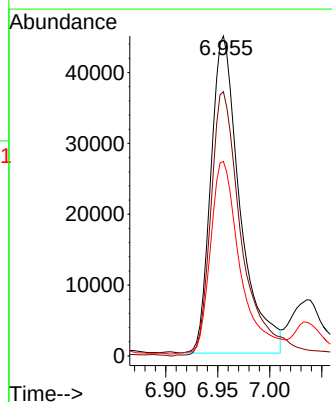
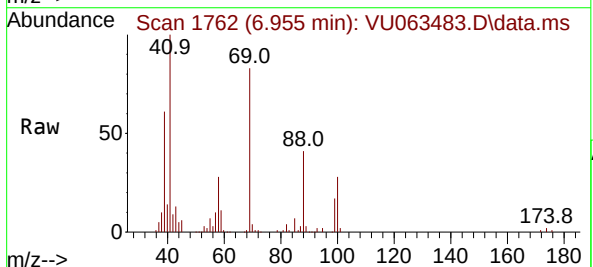
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

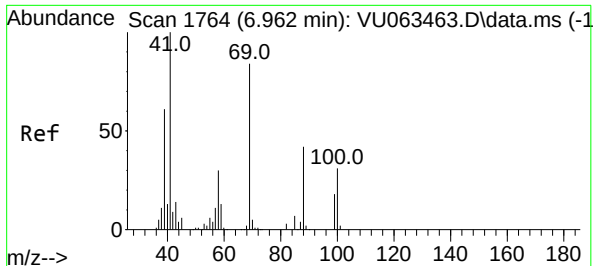
Tgt Ion: 83 Resp: 109119
Ion Ratio Lower Upper
83 100
85 60.8 51.4 77.0
127 8.8 7.0 10.4



#48
Methyl methacrylate
Concen: 52.348 ug/l
RT: 6.955 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 41 Resp: 87487
Ion Ratio Lower Upper
41 100
69 89.3 69.8 104.8
39 62.5 48.3 72.5

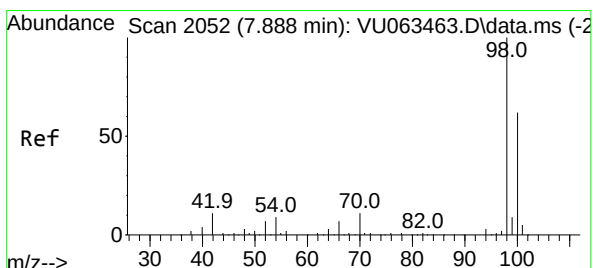
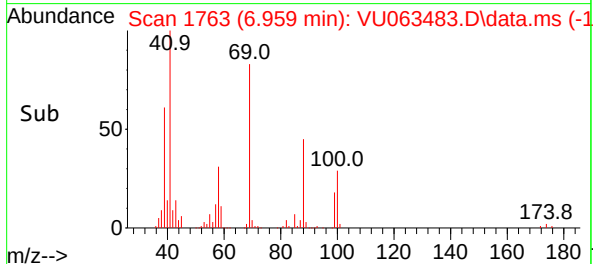
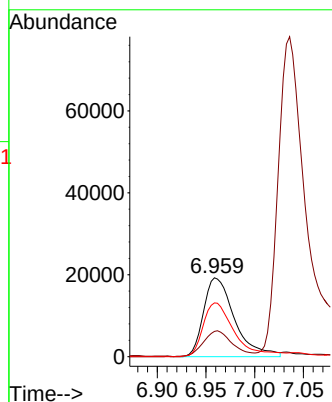
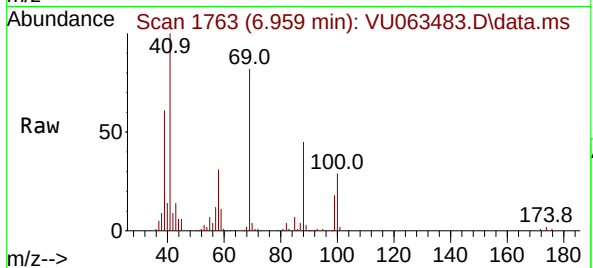




#49
1,4-Dioxane
Concen: 1161.243 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

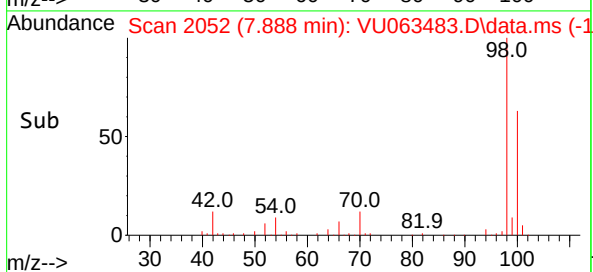
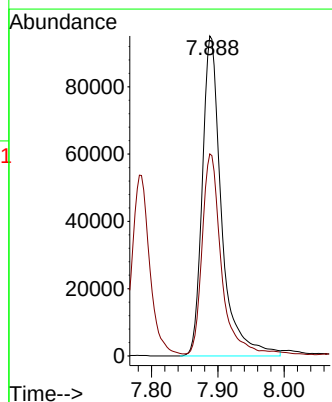
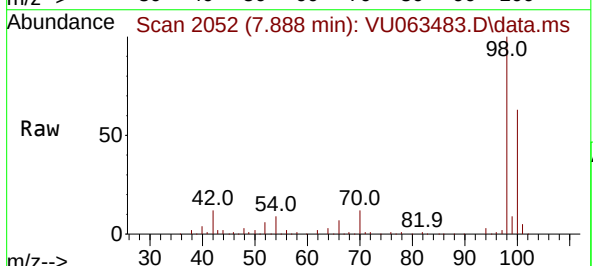
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

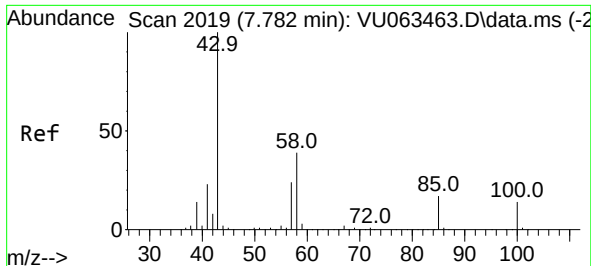
Tgt Ion: 88 Resp: 42587
Ion Ratio Lower Upper
88 100
43 31.1 25.6 38.4
58 69.2 55.0 82.6



#50
Toluene-d8
Concen: 47.650 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 98 Resp: 192150
Ion Ratio Lower Upper
98 100
100 63.8 48.1 72.1

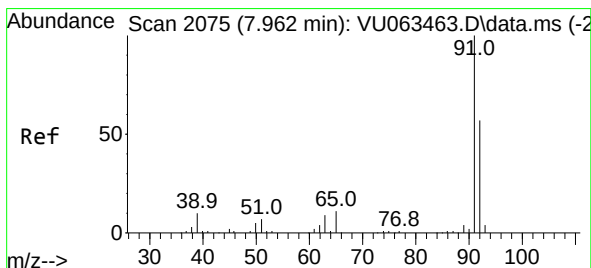
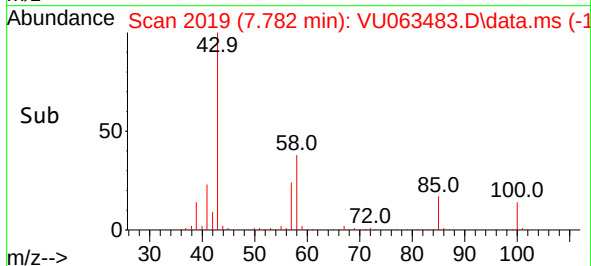
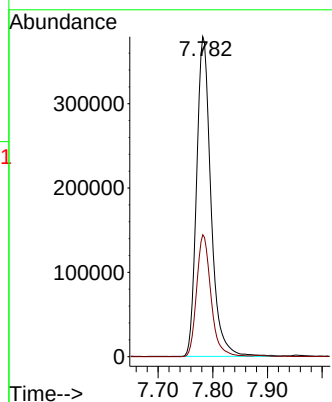
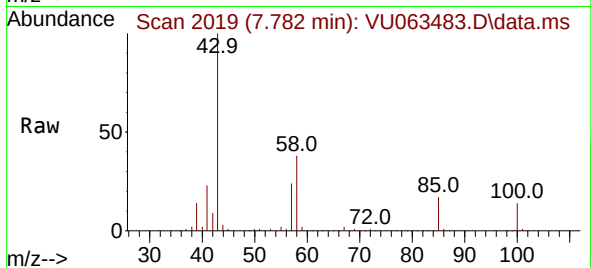




#51
4-Methyl-2-Pentanone
Concen: 263.979 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

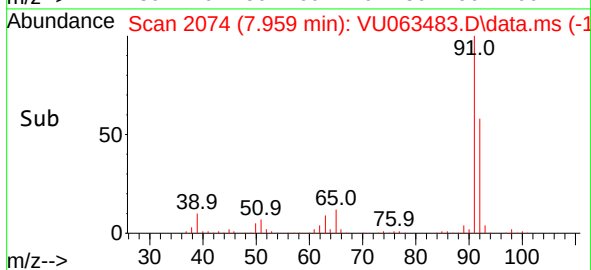
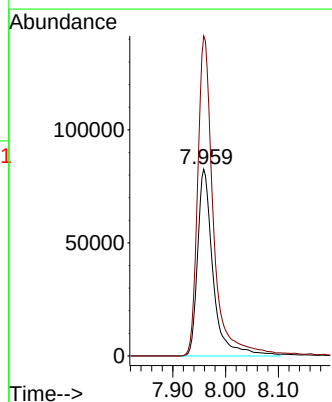
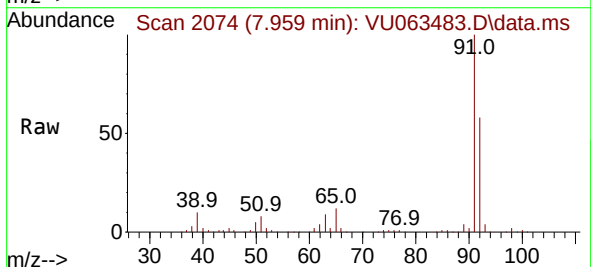
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

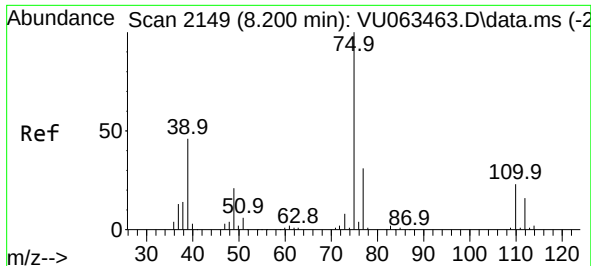
Tgt Ion: 43 Resp: 690883
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.4



#52
Toluene
Concen: 49.177 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 92 Resp: 168861
Ion Ratio Lower Upper
92 100
91 173.4 144.5 216.7

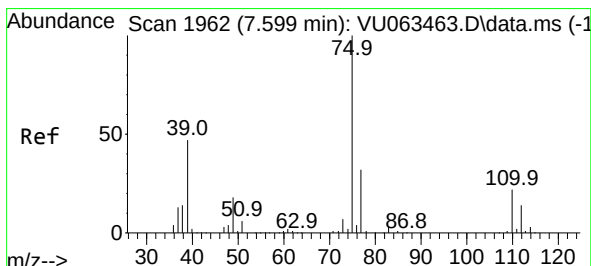
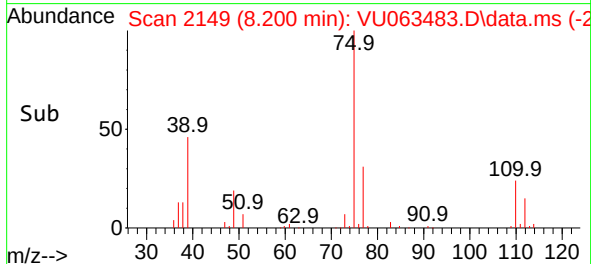
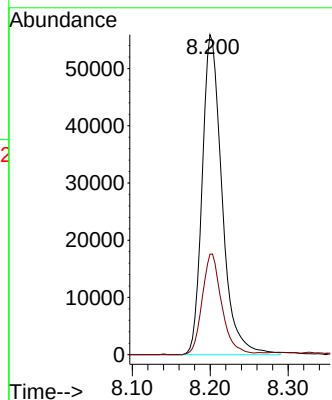
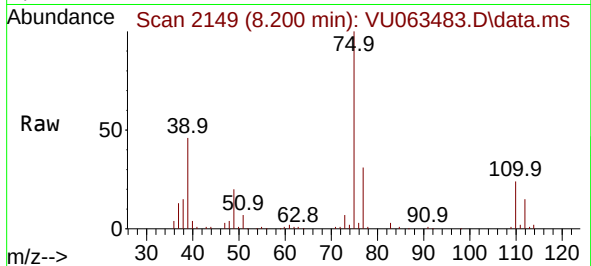




#53
 t-1,3-Dichloropropene
 Concen: 52.282 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

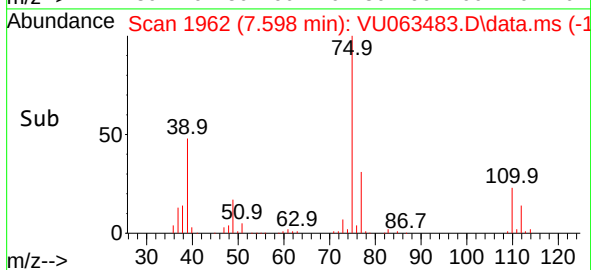
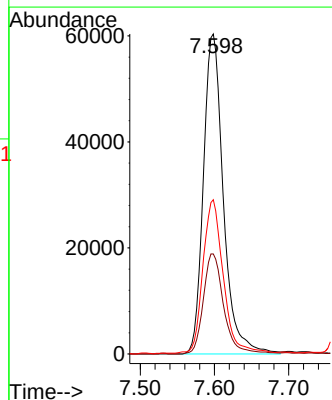
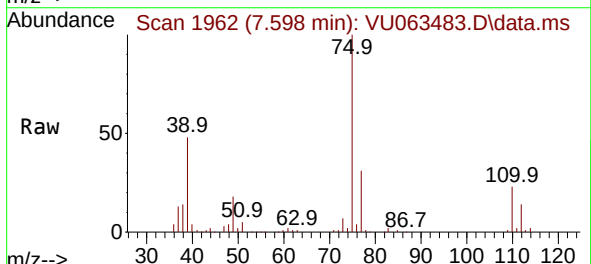
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

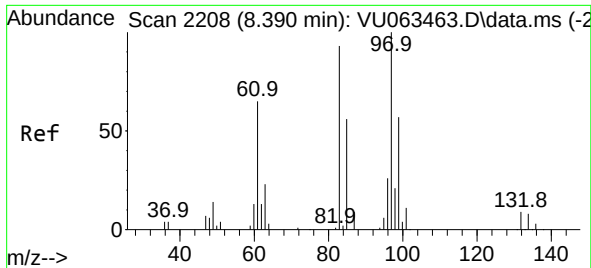
Tgt Ion: 75 Resp: 98779
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 53.347 ug/l
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 75 Resp: 112829
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.4 38.0
 39 47.7 37.2 55.8

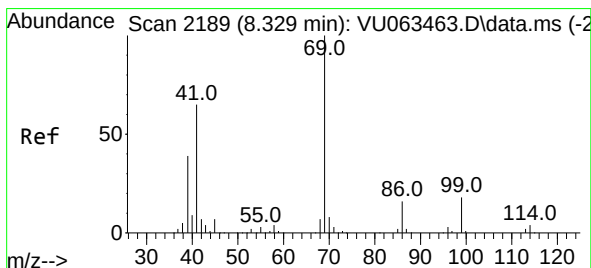
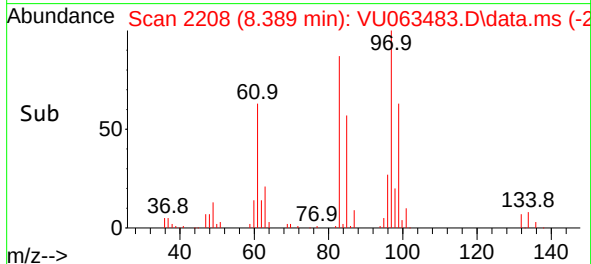
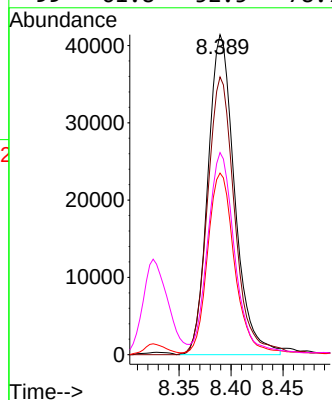
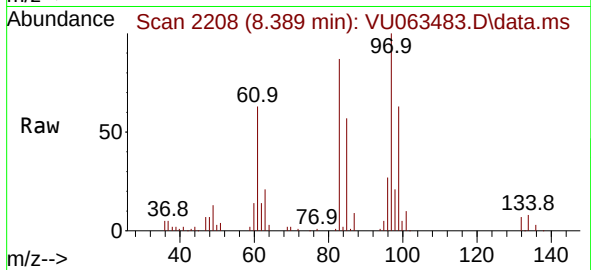




#55
 1,1,2-Trichloroethane
 Concen: 50.841 ug/l
 RT: 8.389 min Scan# 2188
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

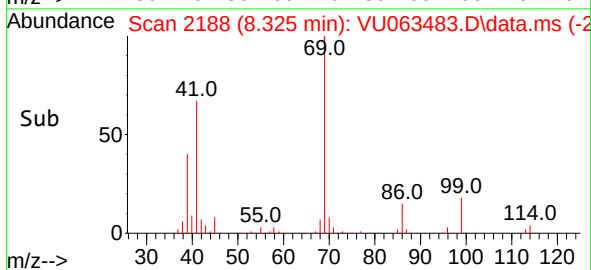
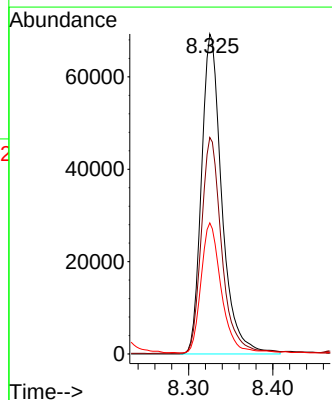
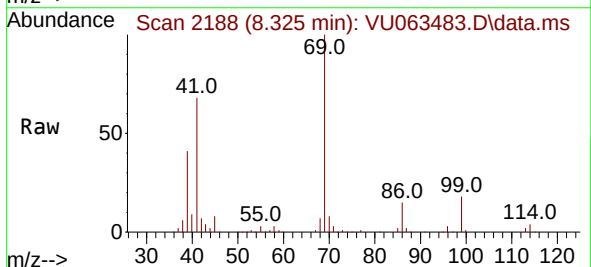
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

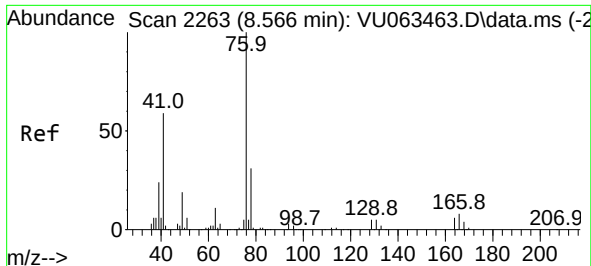
Tgt Ion: 97	Resp: 74138
Ion Ratio	Lower Upper
97 100	
83 86.5	74.2 111.4
85 56.1	45.8 68.8
99 61.8	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 49.688 ug/l
 RT: 8.325 min Scan# 2188
 Delta R.T. -0.003 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 69	Resp: 116882
Ion Ratio	Lower Upper
69 100	
41 67.7	53.0 79.6
39 40.3	31.0 46.4





#57

1,3-Dichloropropane

Concen: 50.478 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

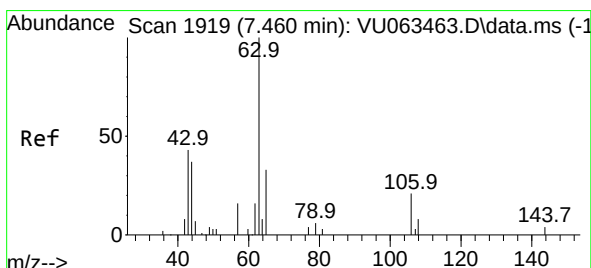
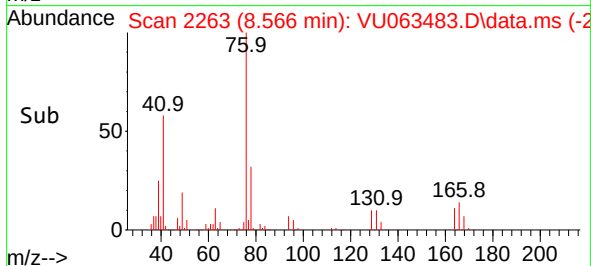
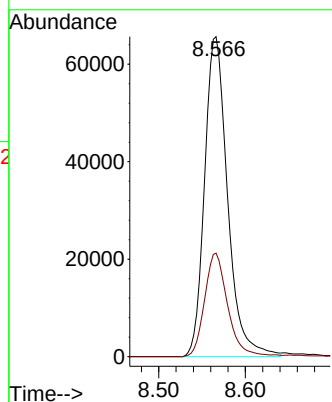
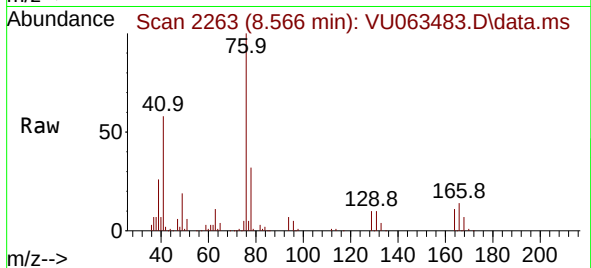
VSTDCCC050

Tgt Ion: 76 Resp: 121334

Ion Ratio Lower Upper

76 100

78 32.5 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.580 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063483.D

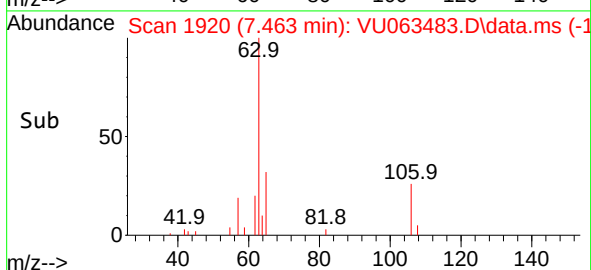
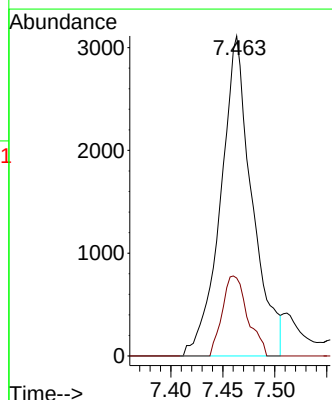
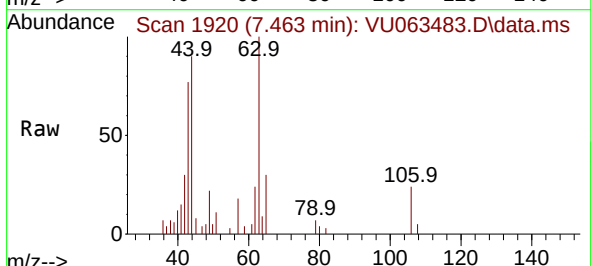
Acq: 11 Jul 2025 08:22

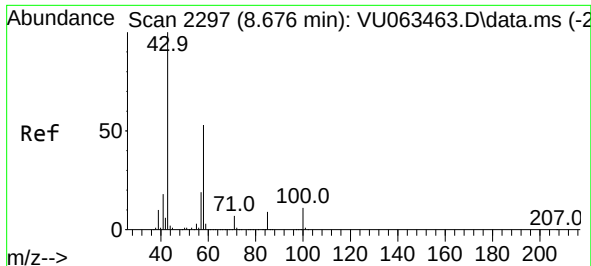
Tgt Ion: 63 Resp: 6536

Ion Ratio Lower Upper

63 100

106 20.2 11.5 17.3#

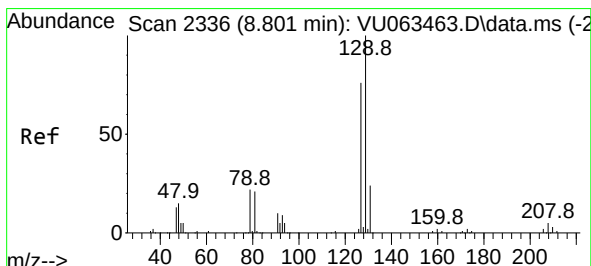
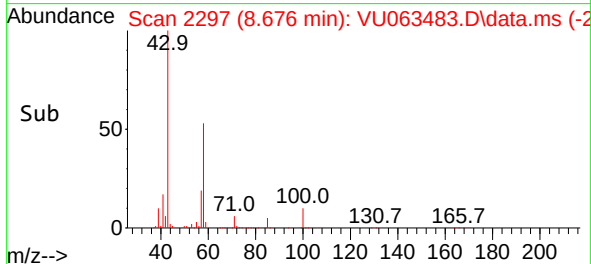
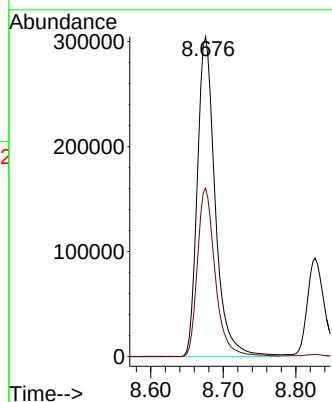
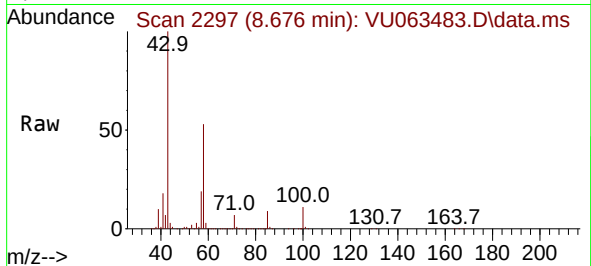




#59
2-Hexanone
Concen: 262.740 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

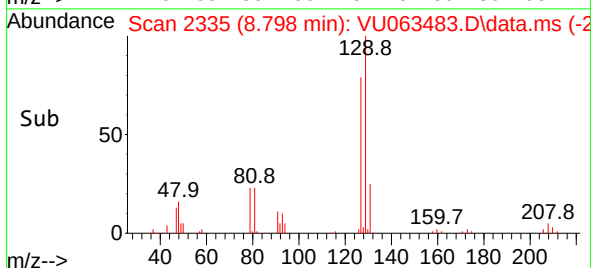
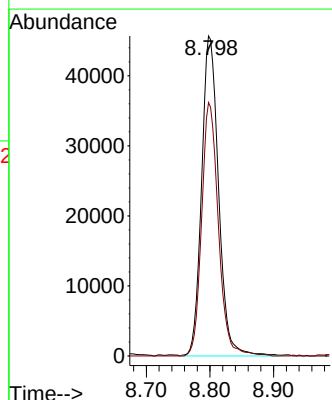
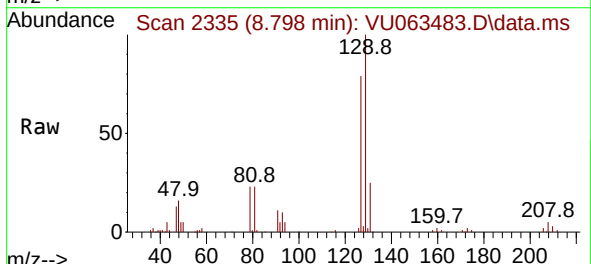
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

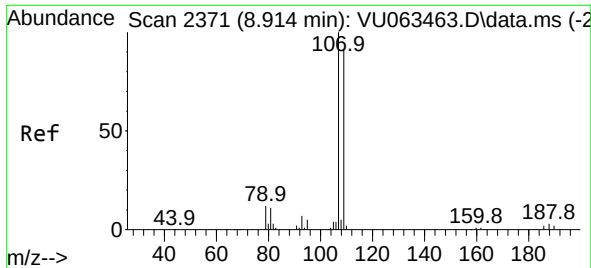
Tgt Ion: 43 Resp: 520104
Ion Ratio Lower Upper
43 100
58 52.8 26.9 80.7



#60
Dibromochloromethane
Concen: 51.913 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 129 Resp: 84803
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2

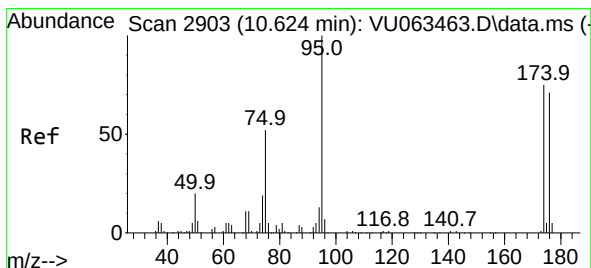
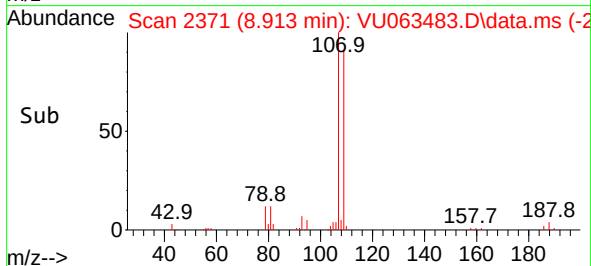
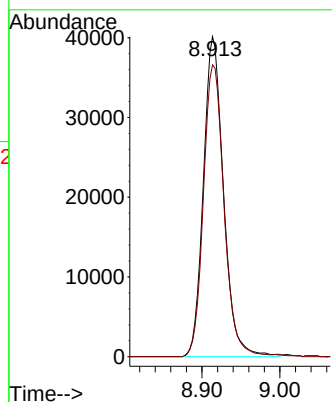
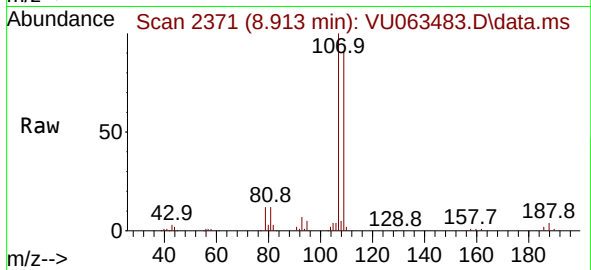




#61
1,2-Dibromoethane
Concen: 50.282 ug/l
RT: 8.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

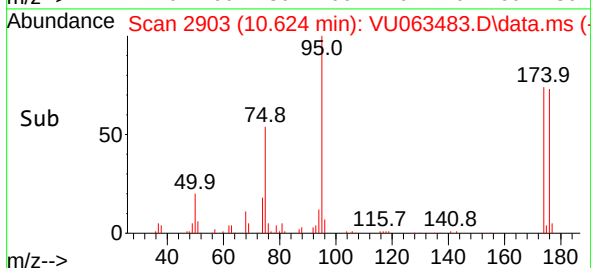
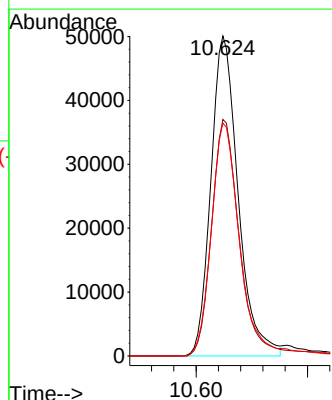
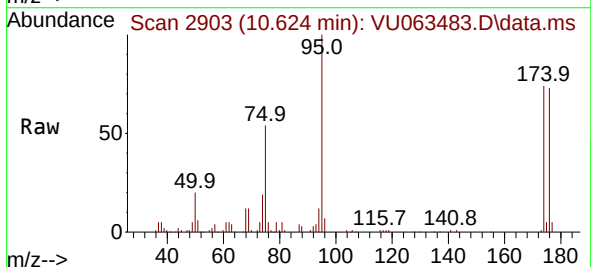
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

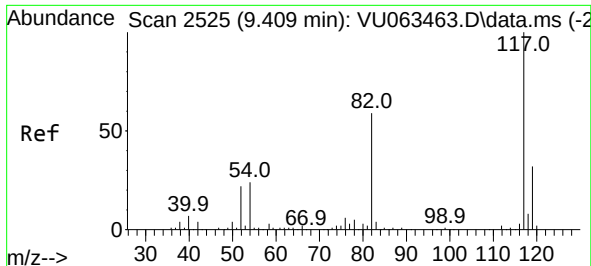
Tgt Ion:107 Resp: 71965
Ion Ratio Lower Upper
107 100
109 93.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.335 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 95 Resp: 85257
Ion Ratio Lower Upper
95 100
174 76.6 0.0 153.6
176 76.4 0.0 145.8

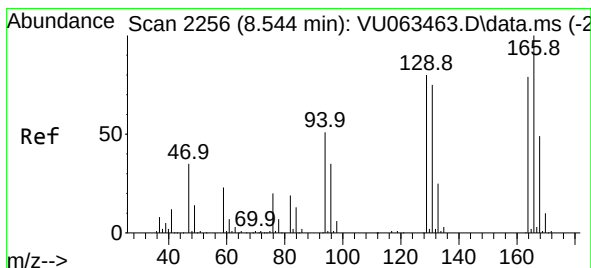
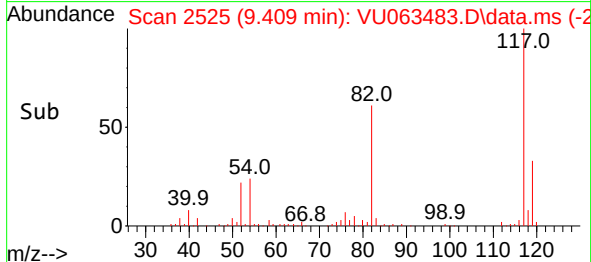
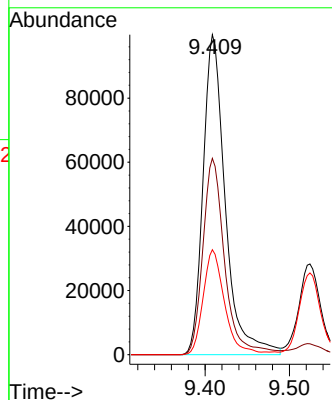
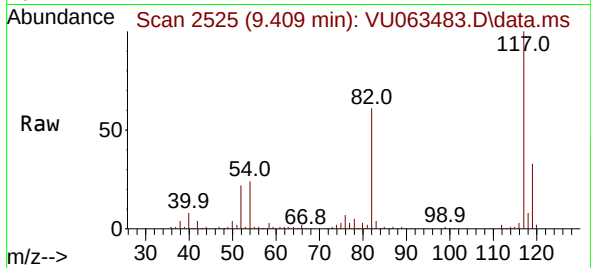




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

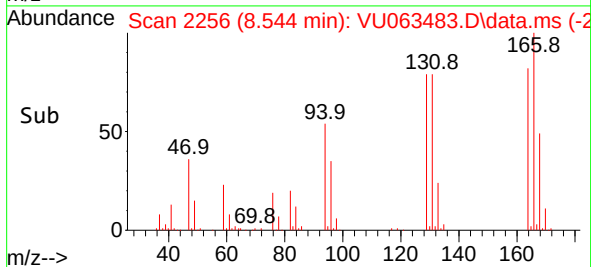
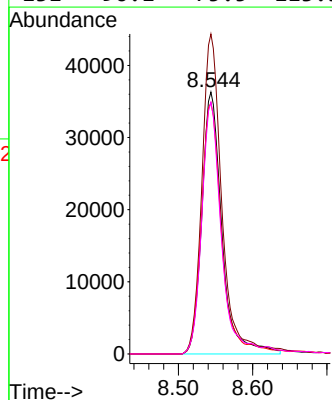
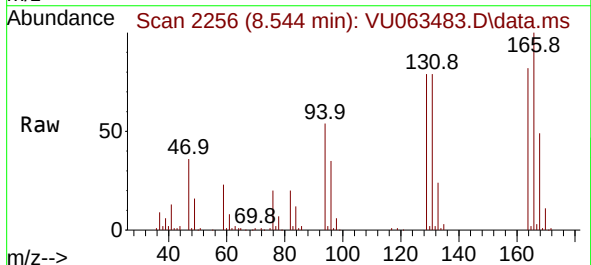
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

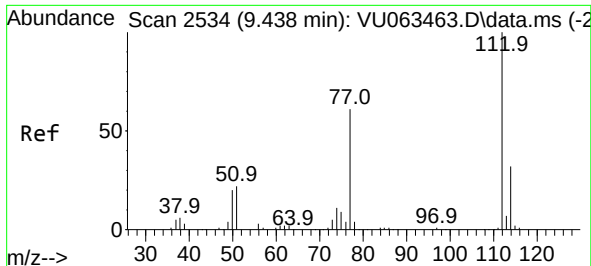
Tgt Ion:117 Resp: 183192
Ion Ratio Lower Upper
117 100
82 61.3 47.1 70.7
119 32.8 25.4 38.0



#64
Tetrachloroethene
Concen: 49.867 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion:164 Resp: 68005
Ion Ratio Lower Upper
164 100
166 122.1 100.9 151.3
129 95.9 80.9 121.3
131 96.1 75.5 113.3

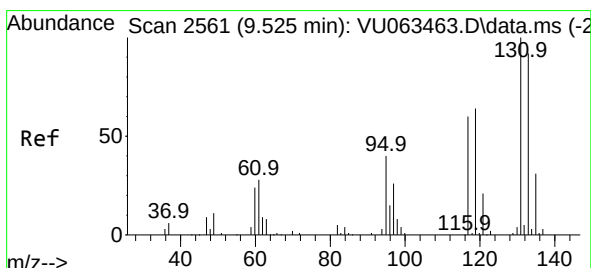
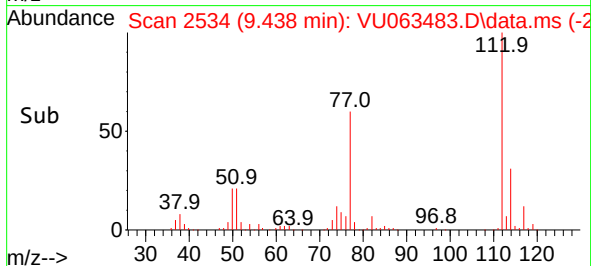
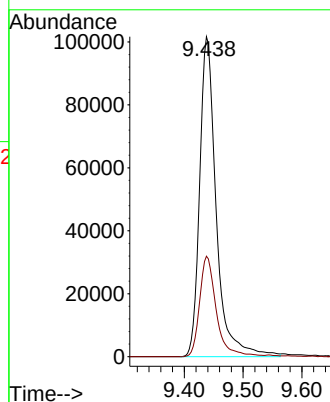
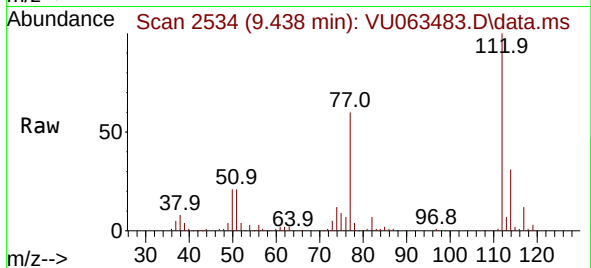




#65
Chlorobenzene
Concen: 52.238 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

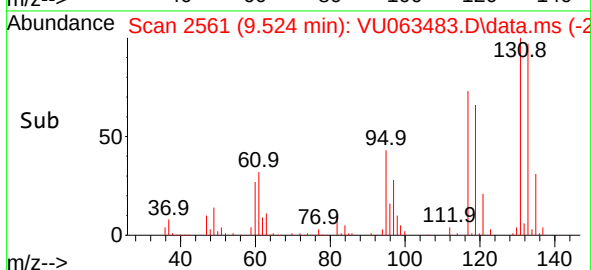
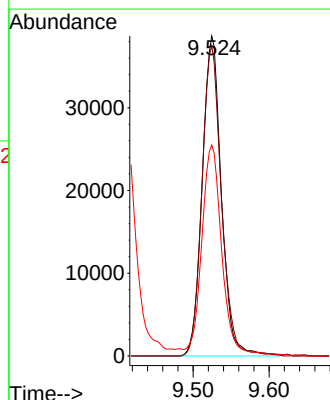
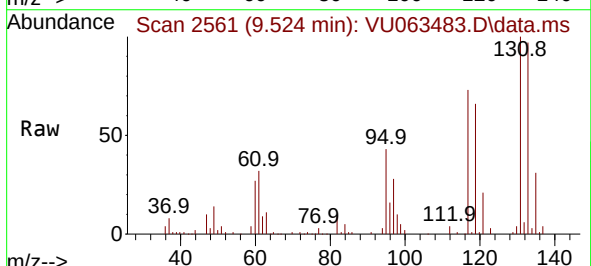
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

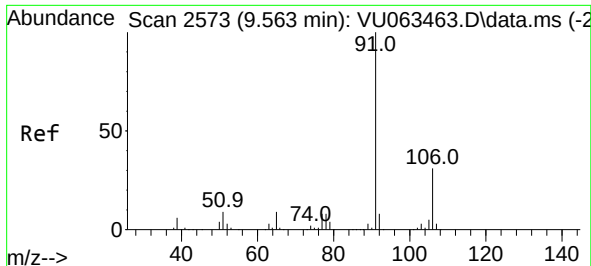
Tgt Ion:112 Resp: 199095
Ion Ratio Lower Upper
112 100
114 31.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.680 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion:131 Resp: 67551
Ion Ratio Lower Upper
131 100
133 98.7 46.4 139.2
119 66.9 33.3 99.9





#67

Ethyl Benzene

Concen: 51.234 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

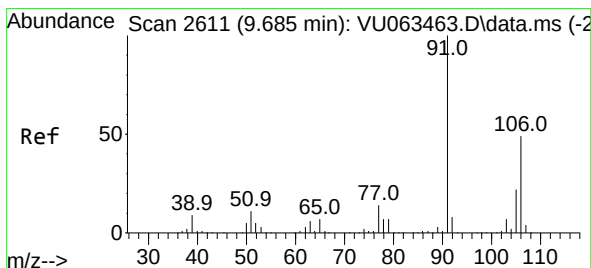
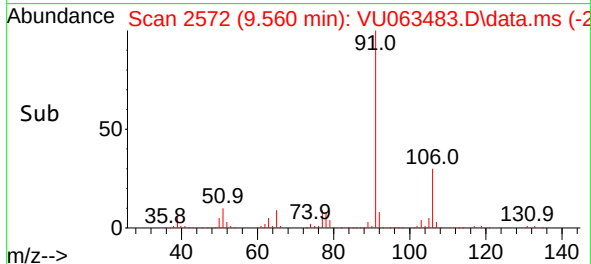
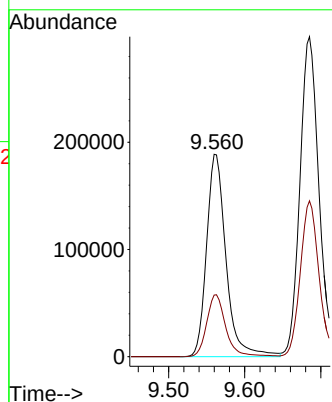
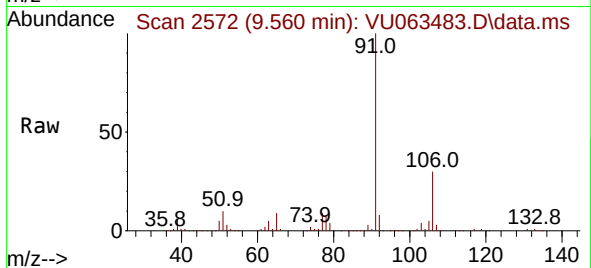
VSTDCCC050

Tgt Ion: 91 Resp: 335607

Ion Ratio Lower Upper

91 100

106 30.5 24.5 36.7



#68

m/p-Xylenes

Concen: 101.957 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063483.D

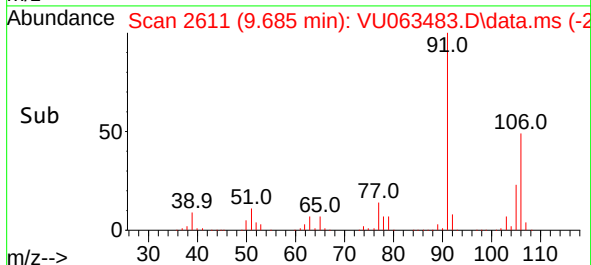
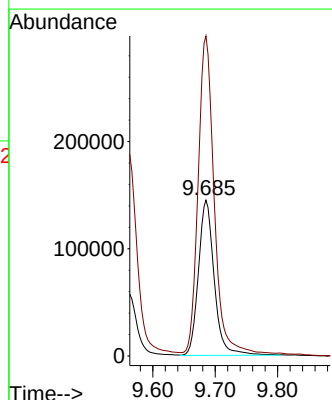
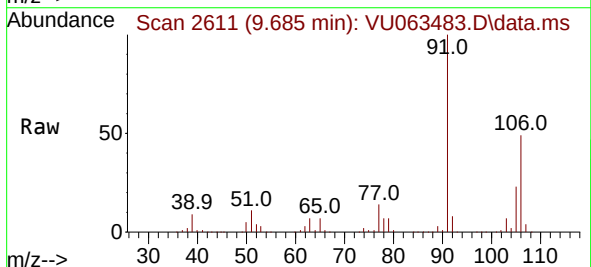
Acq: 11 Jul 2025 08:22

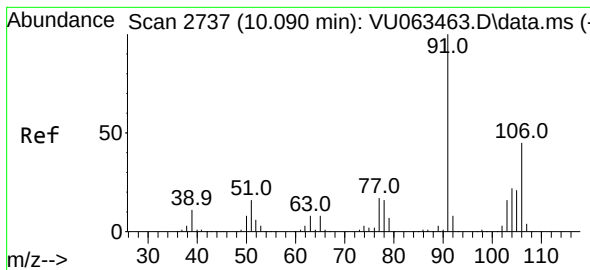
Tgt Ion:106 Resp: 254888

Ion Ratio Lower Upper

106 100

91 206.7 163.6 245.4





#69

o-Xylene

Concen: 50.946 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

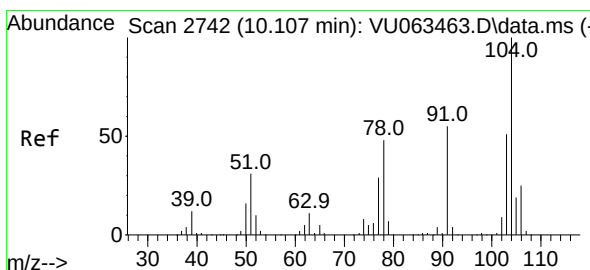
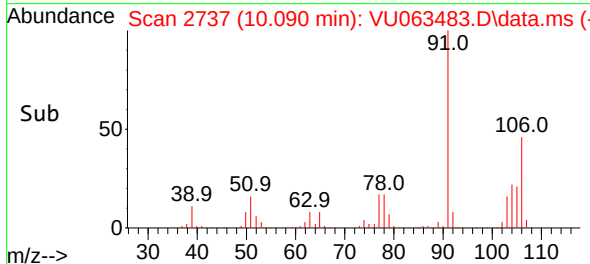
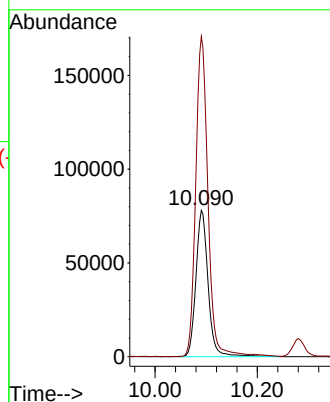
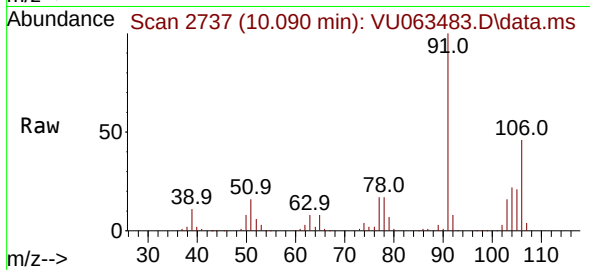
VSTDCCC050

Tgt Ion:106 Resp: 129489

Ion Ratio Lower Upper

106 100

91 217.6 110.7 331.9



#70

Styrene

Concen: 52.831 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

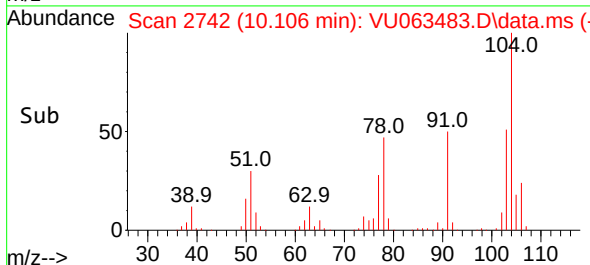
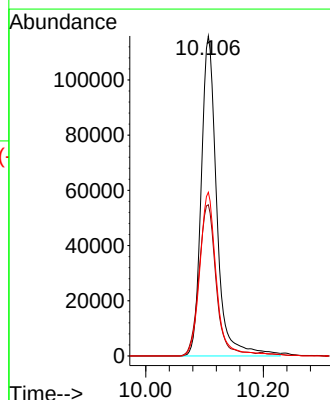
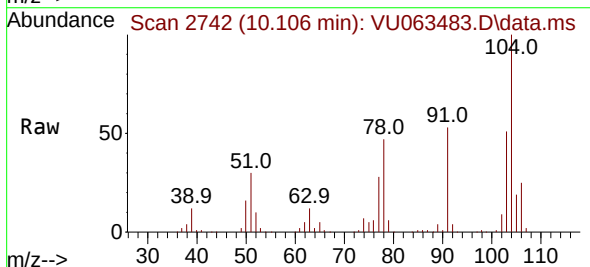
Tgt Ion:104 Resp: 213507

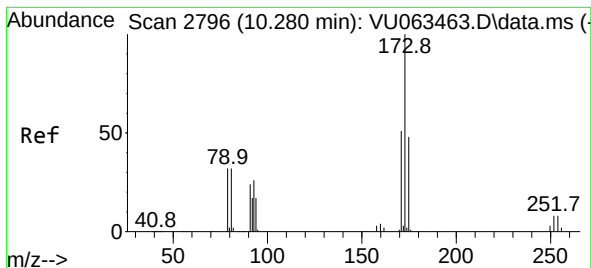
Ion Ratio Lower Upper

104 100

78 52.2 41.4 62.0

103 54.9 44.3 66.5





#71

Bromoform

Concen: 53.035 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

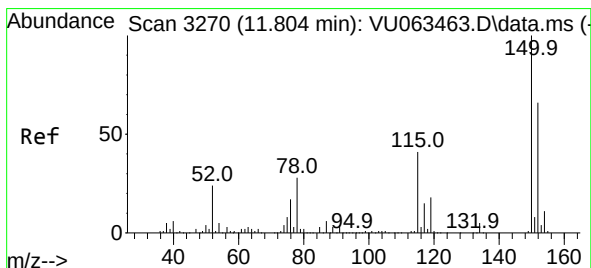
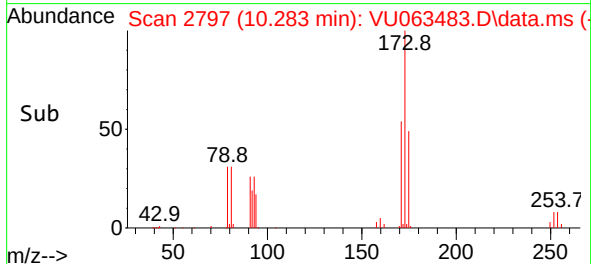
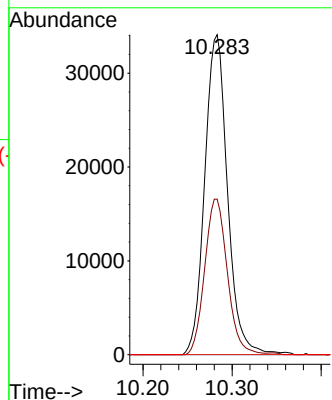
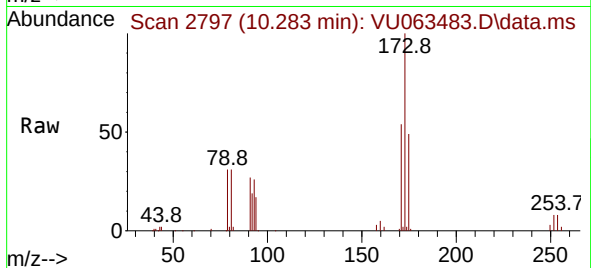
Tgt Ion:173 Resp: 60422

Ion Ratio Lower Upper

173 100

175 48.5 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: VU063483.D

Acq: 11 Jul 2025 08:22

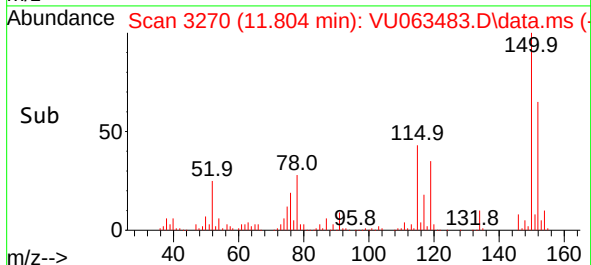
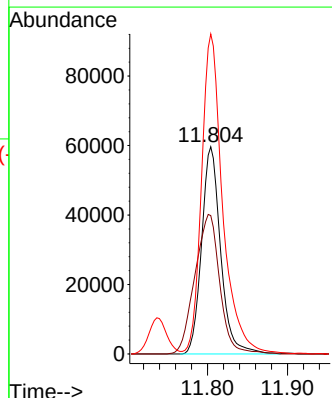
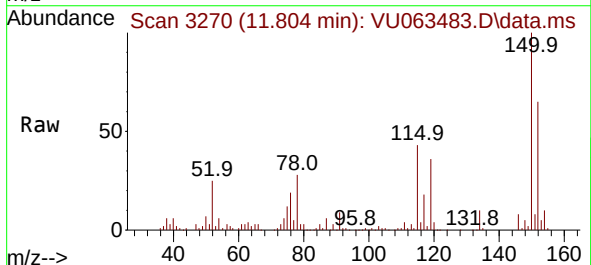
Tgt Ion:152 Resp: 98927

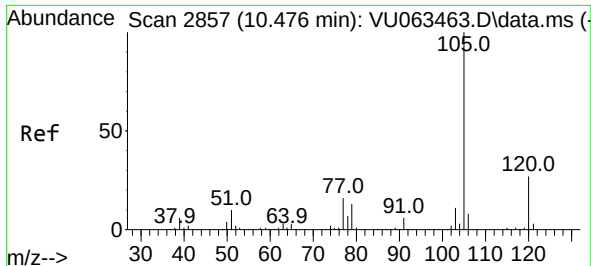
Ion Ratio Lower Upper

152 100

115 87.8 43.4 130.2

150 171.0 0.0 341.4

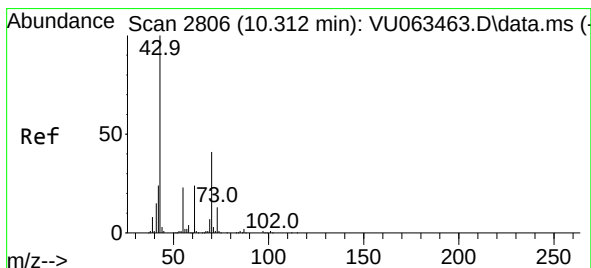
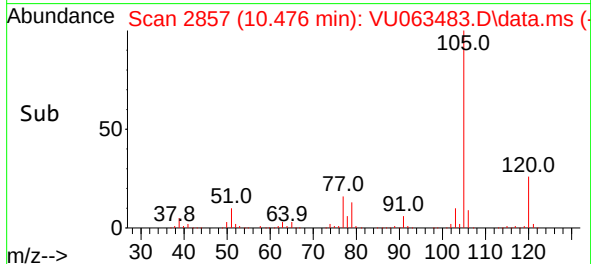
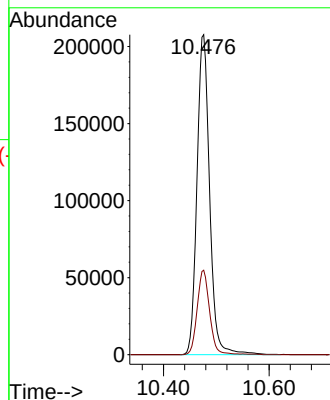
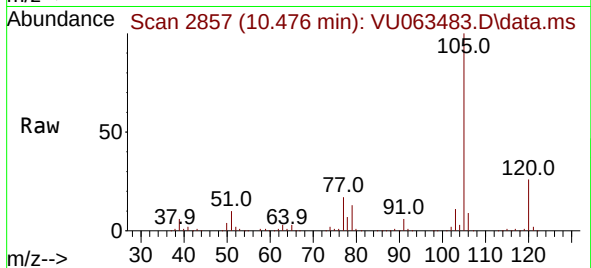




#73
Isopropylbenzene
Concen: 51.144 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

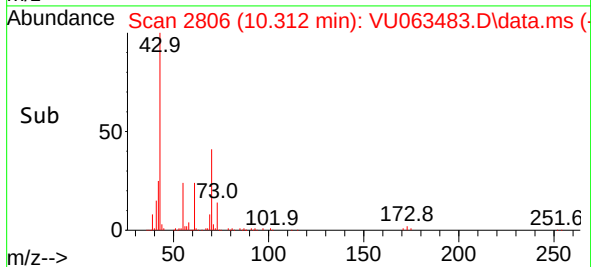
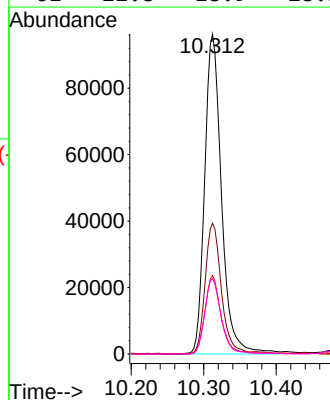
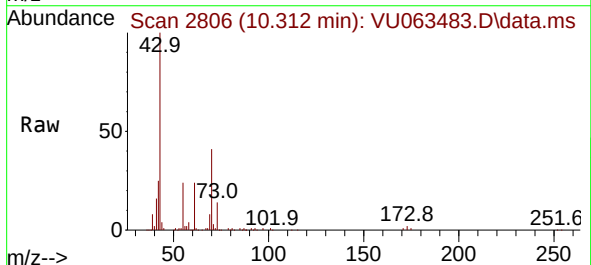
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

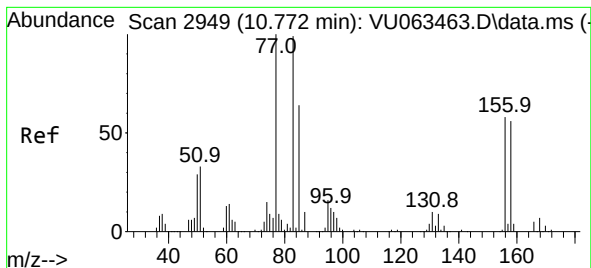
Tgt Ion:105 Resp: 344265
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 51.549 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 43 Resp: 155610
Ion Ratio Lower Upper
43 100
70 39.2 32.6 48.8
55 23.5 18.6 27.8
61 22.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.494 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

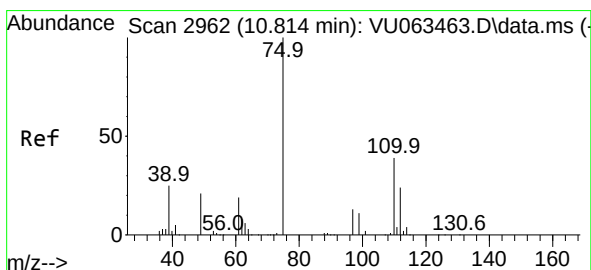
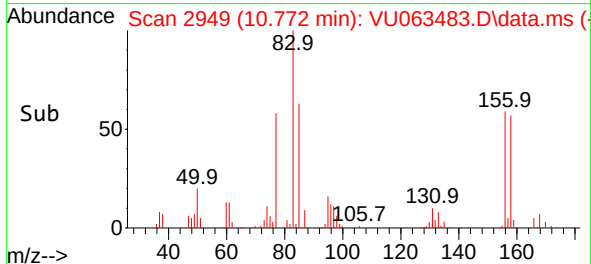
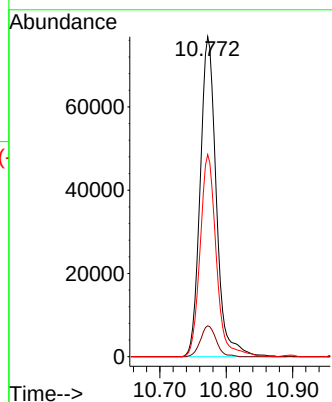
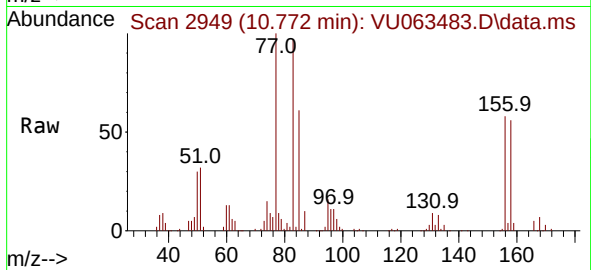
Tgt Ion: 83 Resp: 130067

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

85 63.3 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 51.485 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063483.D

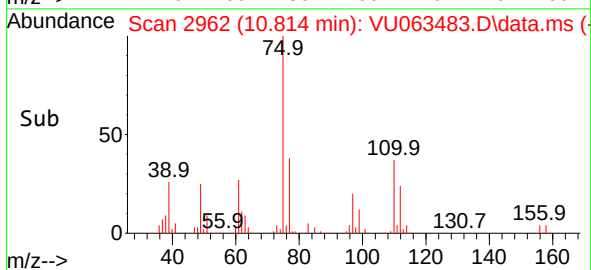
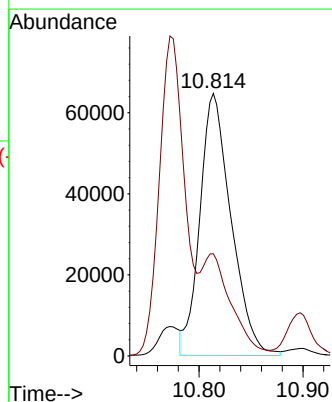
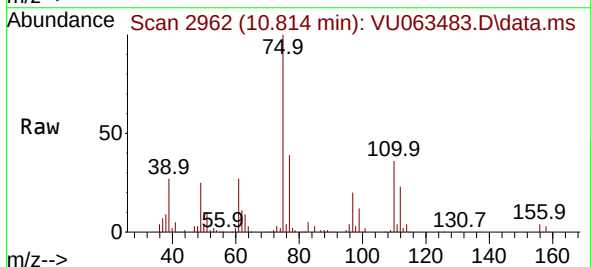
Acq: 11 Jul 2025 08:22

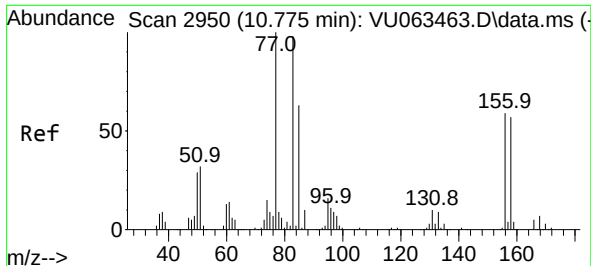
Tgt Ion: 75 Resp: 134962

Ion Ratio Lower Upper

75 100

77 0.0 3.1 9.4#

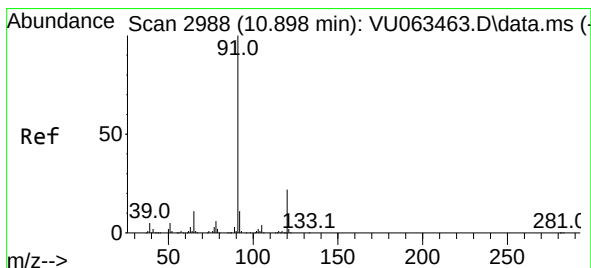
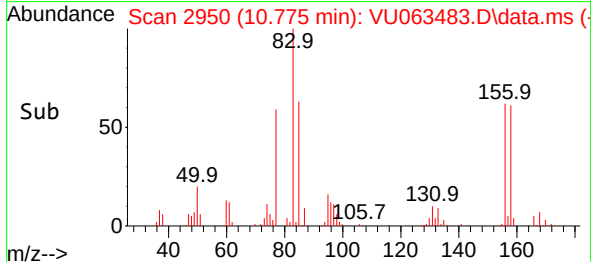
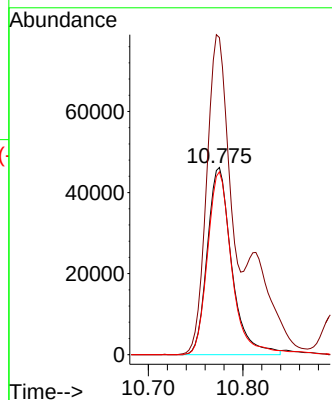
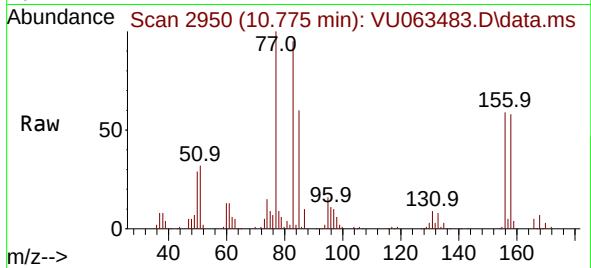




#77
Bromobenzene
Concen: 50.214 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

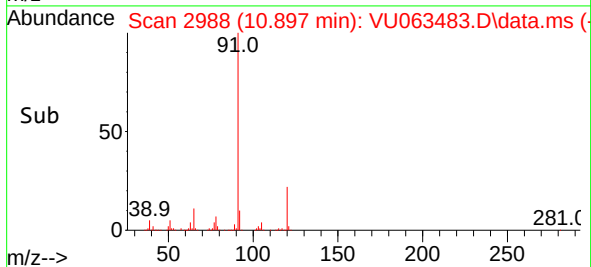
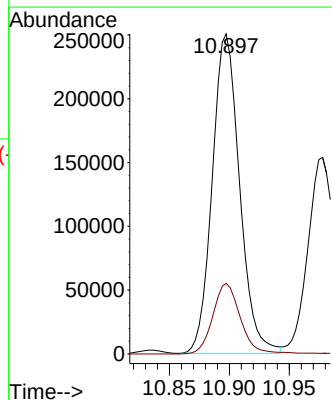
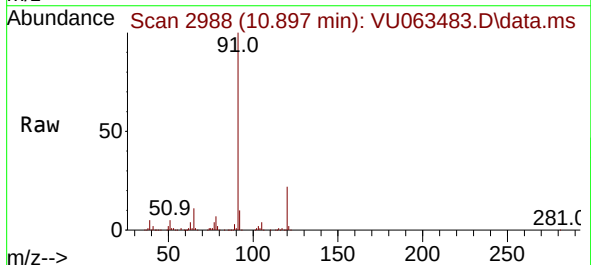
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

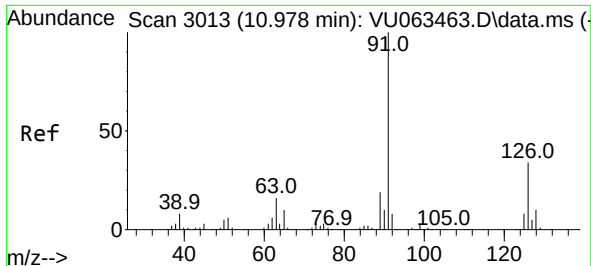
Tgt Ion:156 Resp: 82853
Ion Ratio Lower Upper
156 100
77 161.6 78.2 234.6
158 98.3 46.8 140.4



#78
n-propylbenzene
Concen: 50.786 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 91 Resp: 396456
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.4

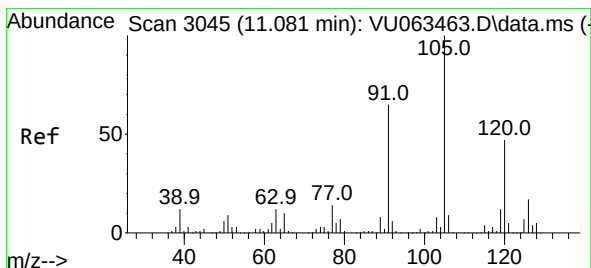
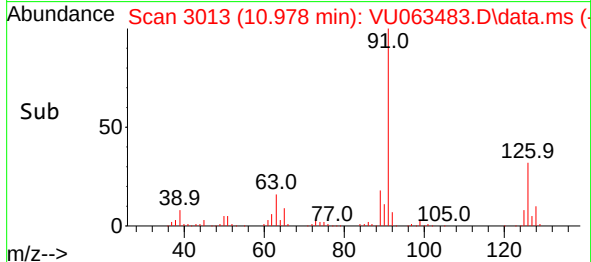
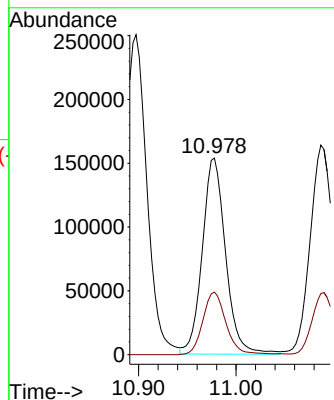
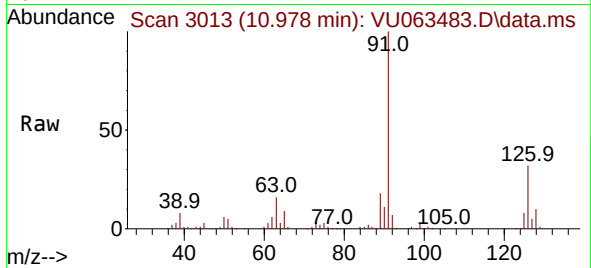




#79
2-Chlorotoluene
Concen: 52.209 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

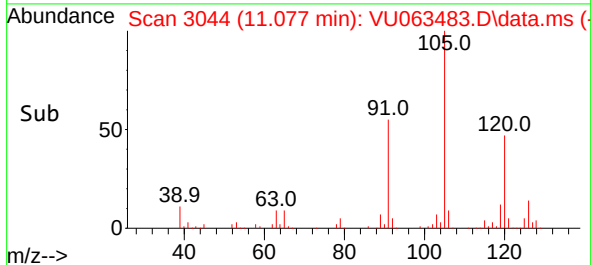
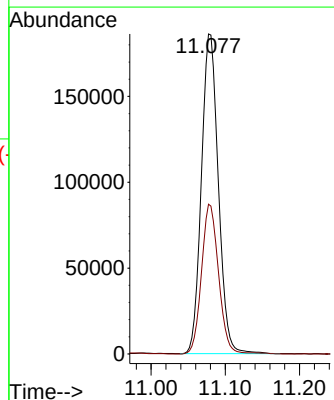
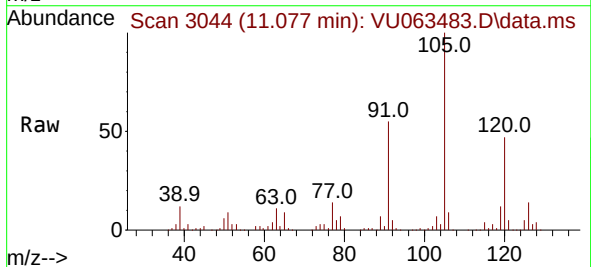
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

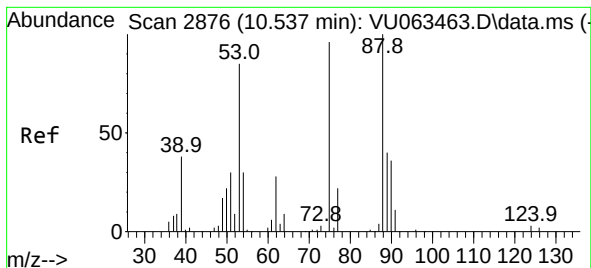
Tgt Ion: 91 Resp: 255611
Ion Ratio Lower Upper
91 100
126 31.9 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 50.082 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 105 Resp: 294861
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.2

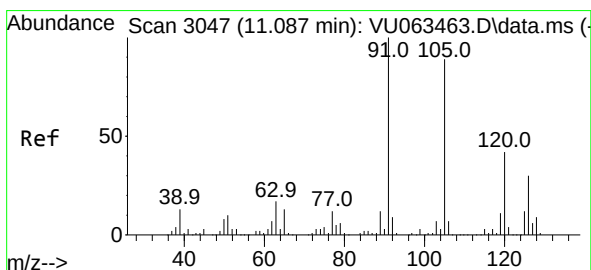
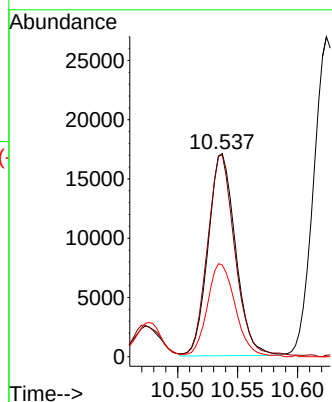
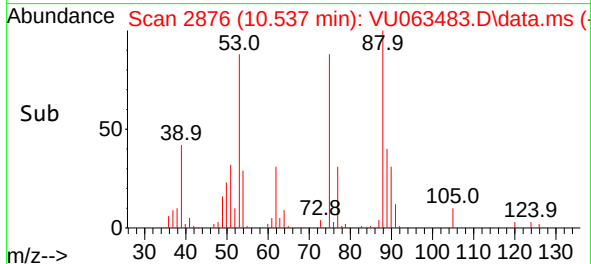
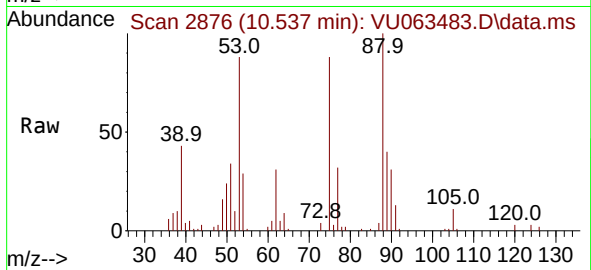




#81
 trans-1,4-Dichloro-2-butene
 Concen: 51.451 ug/l
 RT: 10.537 min Scan# 2876
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

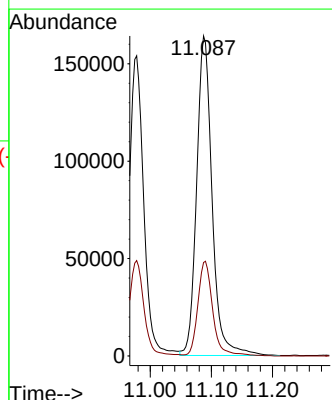
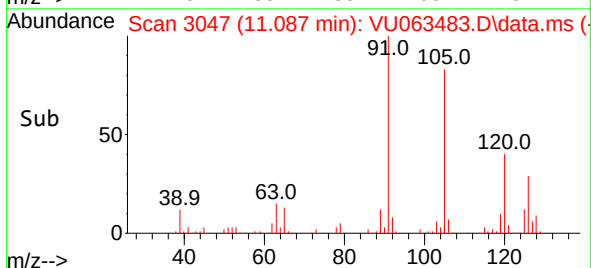
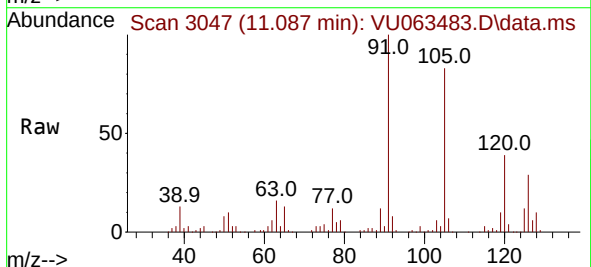
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

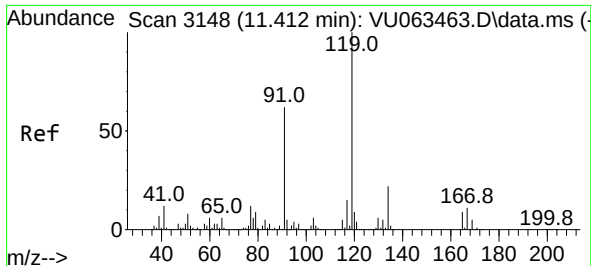
Tgt Ion: 75 Resp: 27042
 Ion Ratio Lower Upper
 75 100
 53 99.5 74.6 111.8
 89 47.2 36.3 54.5



#82
 4-Chlorotoluene
 Concen: 51.880 ug/l
 RT: 11.087 min Scan# 3047
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion: 91 Resp: 288365
 Ion Ratio Lower Upper
 91 100
 126 28.7 14.4 43.2

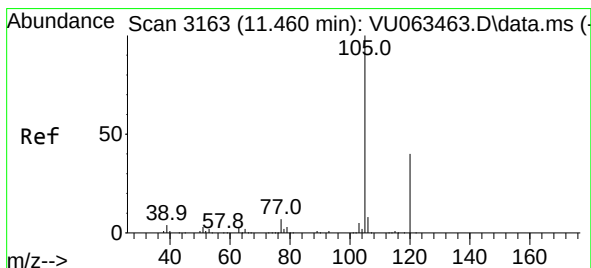
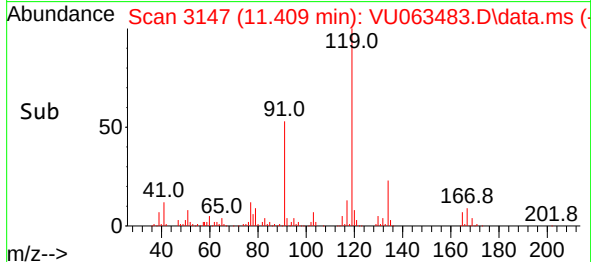
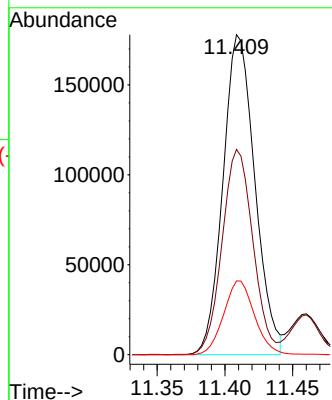
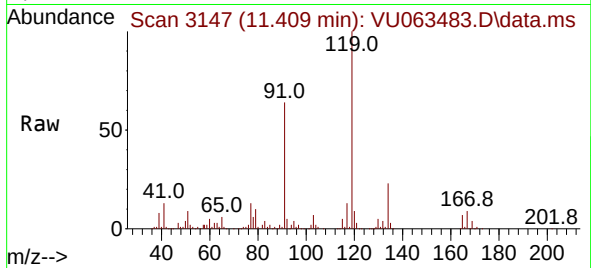




#83
 tert-Butylbenzene
 Concen: 51.571 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. -0.003 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

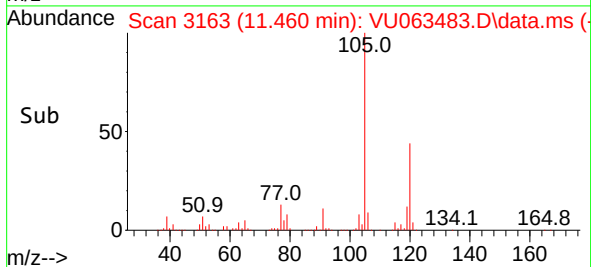
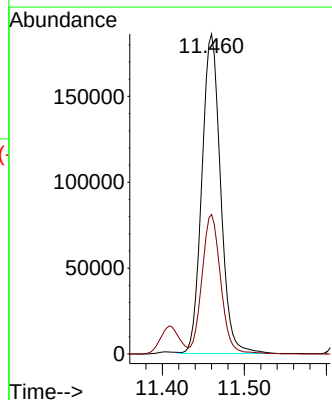
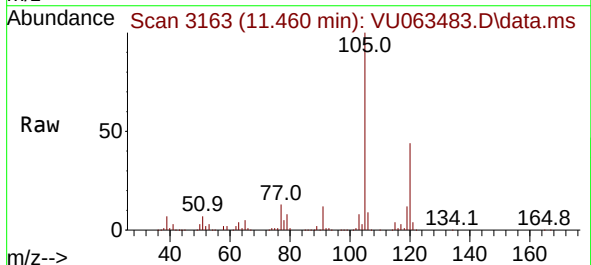
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

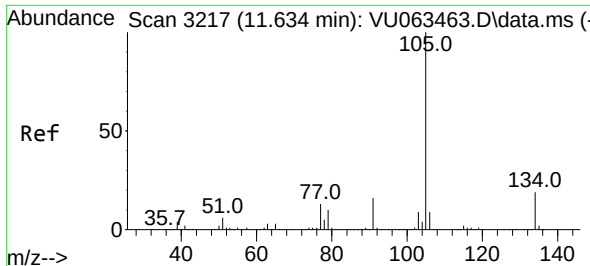
Tgt Ion:119 Resp: 291180
 Ion Ratio Lower Upper
 119 100
 91 62.0 30.3 91.0
 134 22.4 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 50.945 ug/l
 RT: 11.460 min Scan# 3163
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion:105 Resp: 294538
 Ion Ratio Lower Upper
 105 100
 120 43.7 22.1 66.3

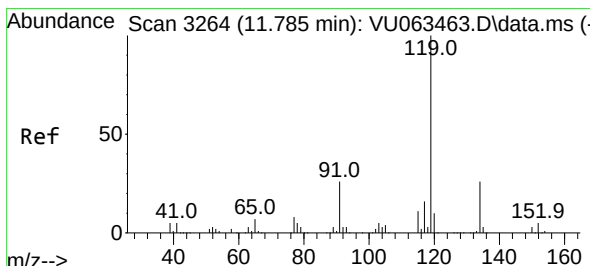
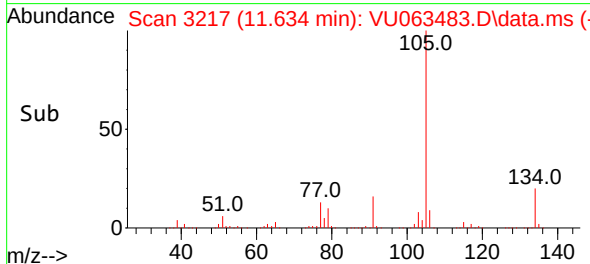
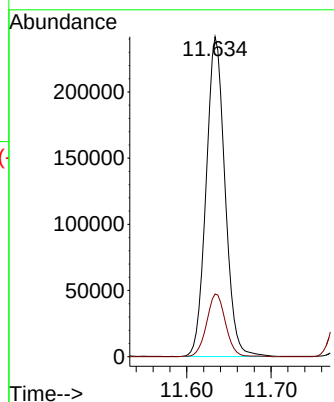
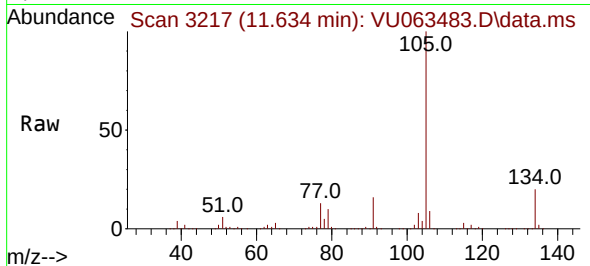




#85
 sec-Butylbenzene
 Concen: 50.525 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

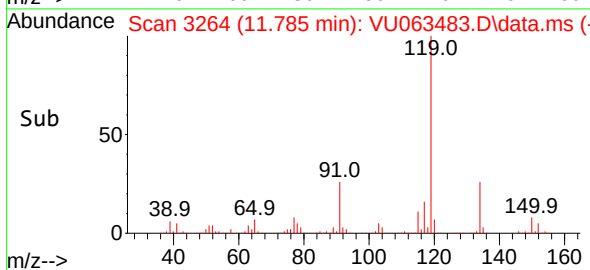
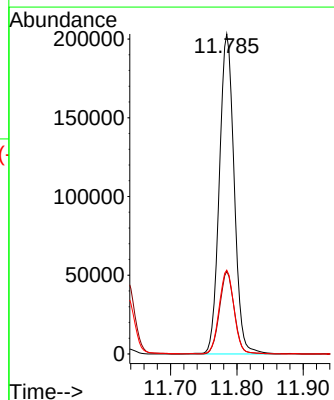
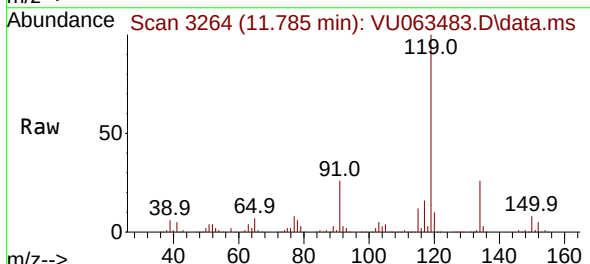
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

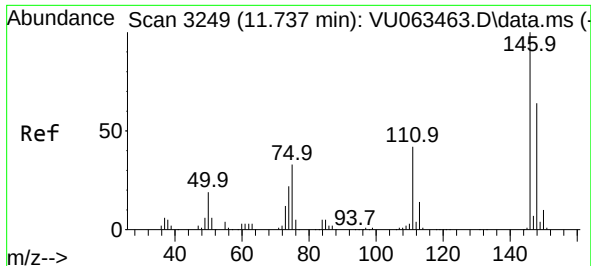
Tgt Ion:105 Resp: 376432
 Ion Ratio Lower Upper
 105 100
 134 19.8 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 52.018 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063483.D
 Acq: 11 Jul 2025 08:22

Tgt Ion:119 Resp: 314414
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.0 38.9
 91 26.1 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 50.510 ug/l

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

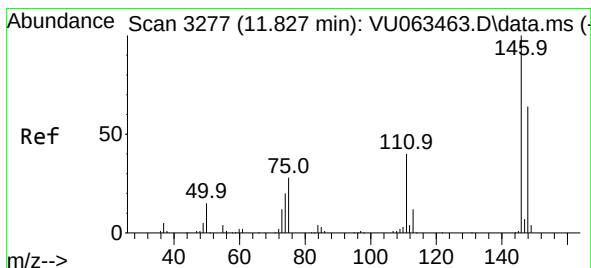
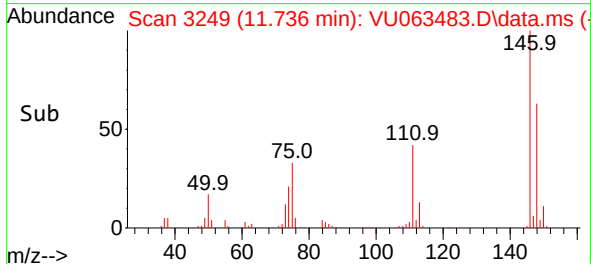
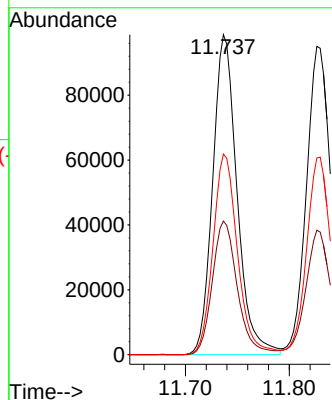
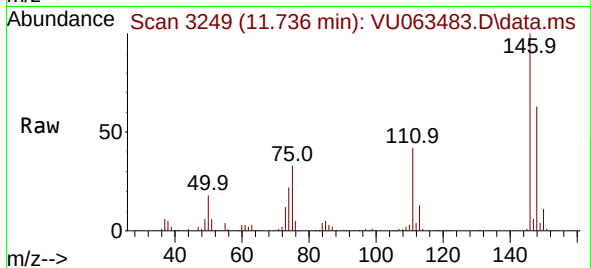
Tgt Ion:146 Resp: 160601

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.7

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 50.035 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

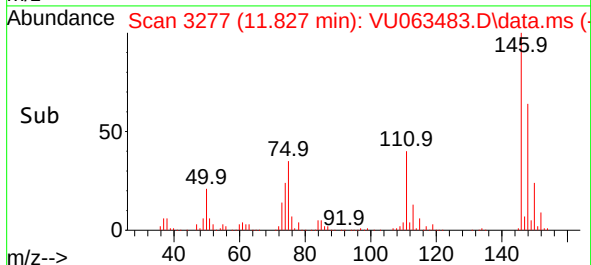
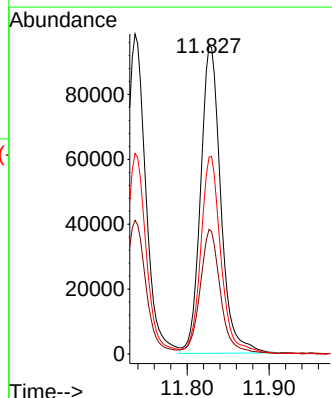
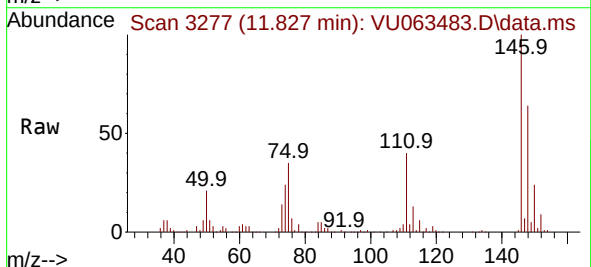
Tgt Ion:146 Resp: 162198

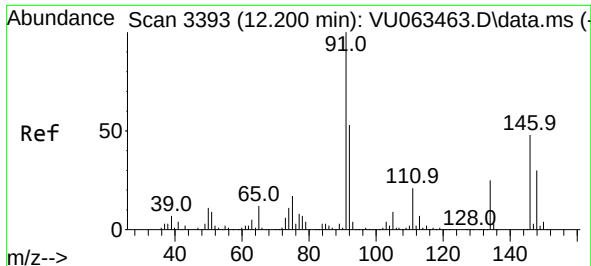
Ion Ratio Lower Upper

146 100

111 40.8 20.8 62.4

148 64.7 31.9 95.9

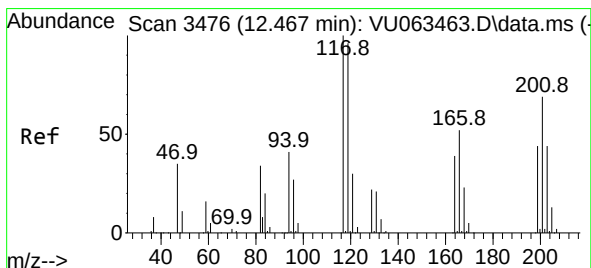
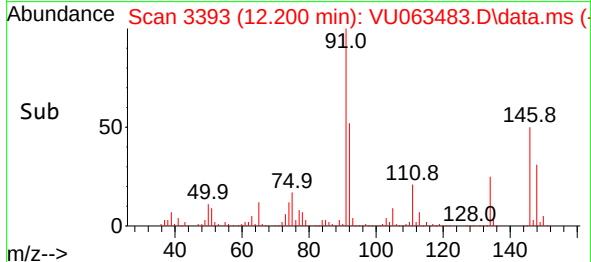
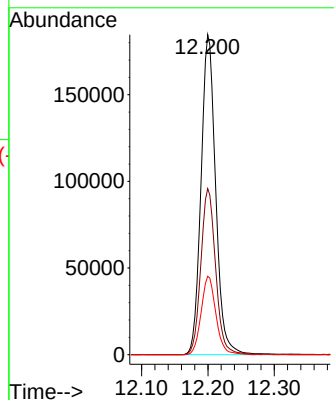
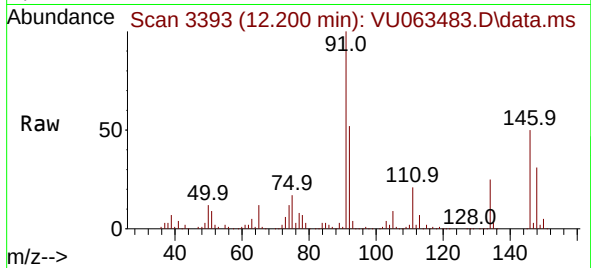




#89
n-Butylbenzene
Concen: 50.783 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

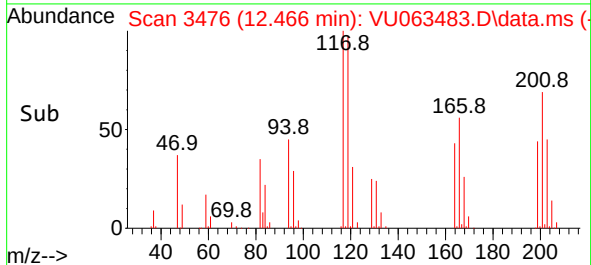
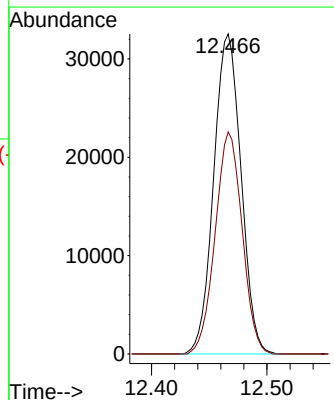
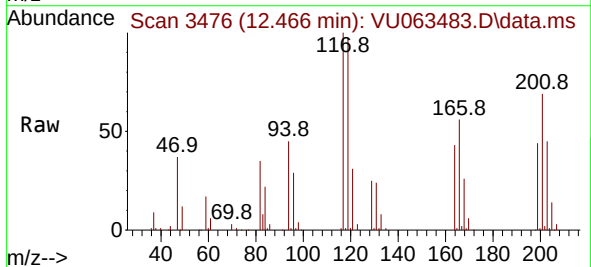
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

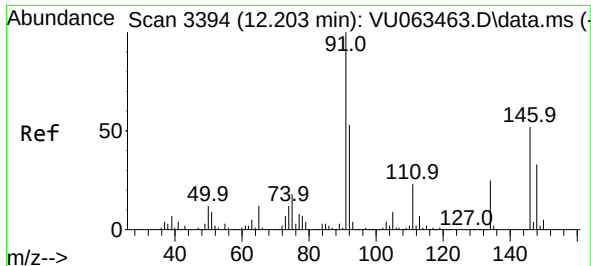
Tgt Ion: 91 Resp: 284094
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.7 12.4 37.0



#90
Hexachloroethane
Concen: 52.946 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 117 Resp: 53524
Ion Ratio Lower Upper
117 100
201 68.4 34.4 103.2

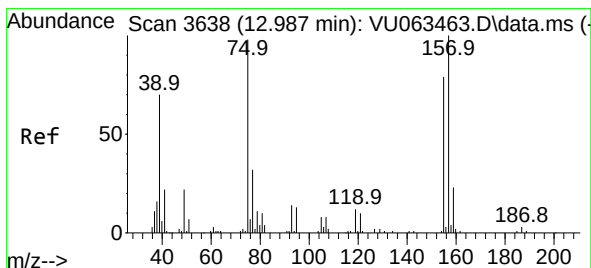
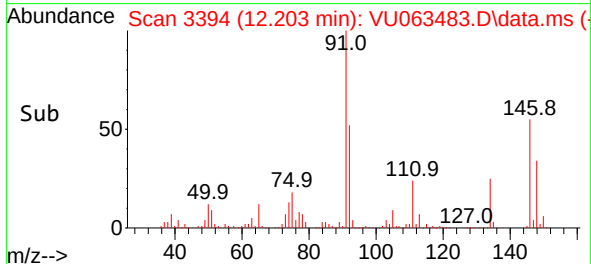
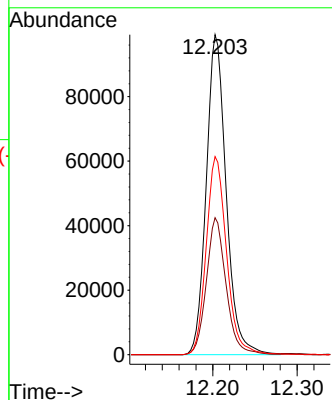
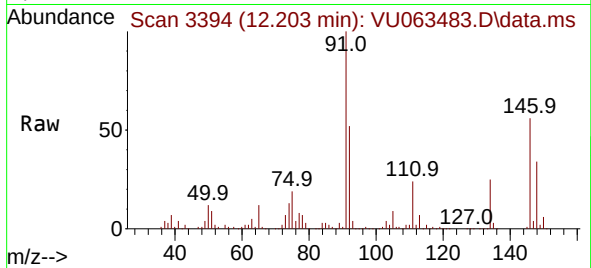




#91
1,2-Dichlorobenzene
Concen: 52.689 ug/l
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

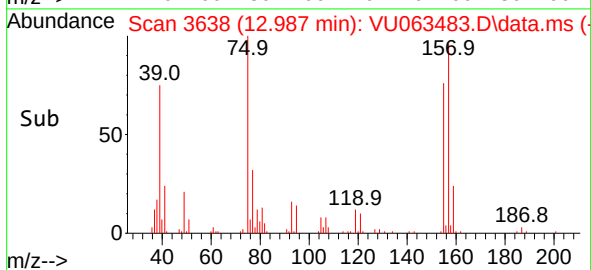
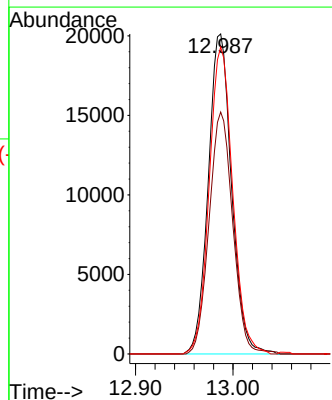
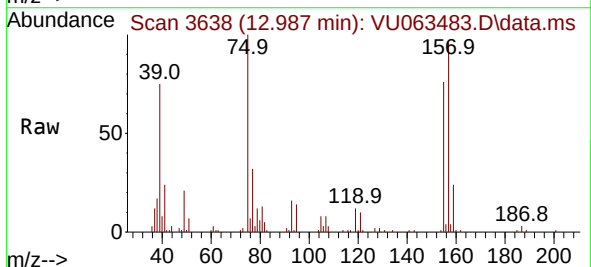
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

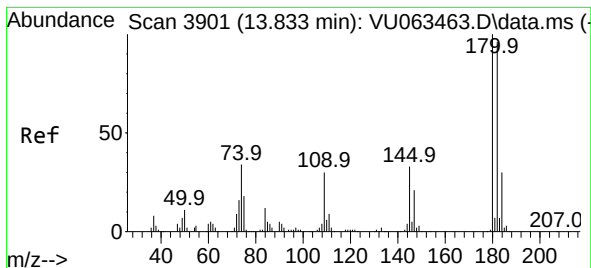
Tgt Ion:146 Resp: 163363
Ion Ratio Lower Upper
146 100
111 42.4 21.9 65.5
148 63.2 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.155 ug/l
RT: 12.987 min Scan# 3638
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion: 75 Resp: 33540
Ion Ratio Lower Upper
75 100
155 76.4 39.1 117.5
157 96.4 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 50.554 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

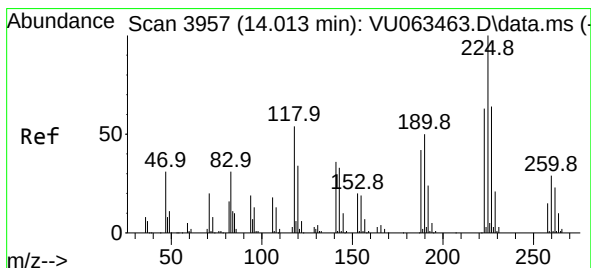
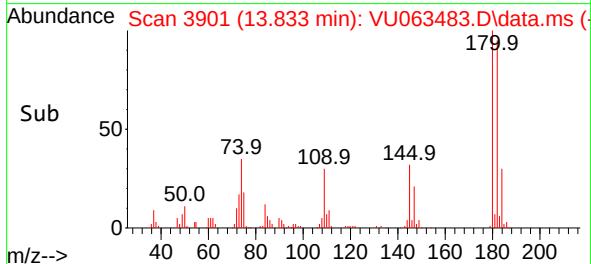
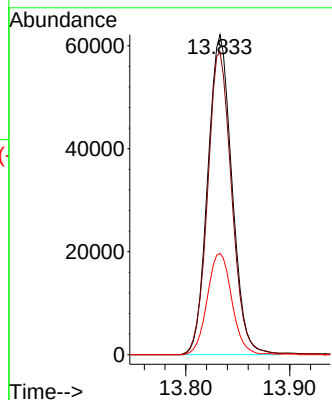
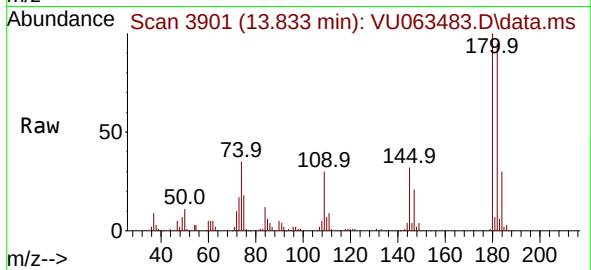
Tgt Ion:180 Resp: 100379

Ion Ratio Lower Upper

180 100

182 94.5 47.7 143.1

145 32.3 16.6 49.7



#94

Hexachlorobutadiene

Concen: 50.507 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063483.D

Acq: 11 Jul 2025 08:22

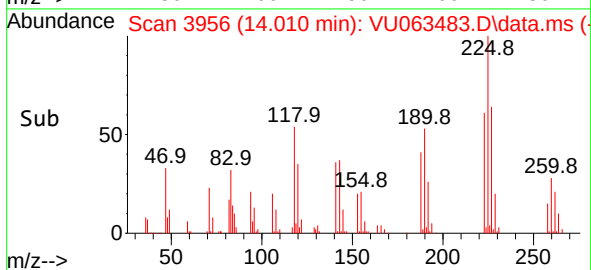
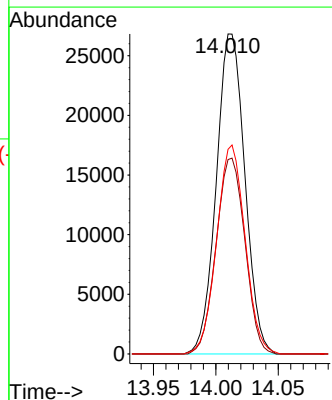
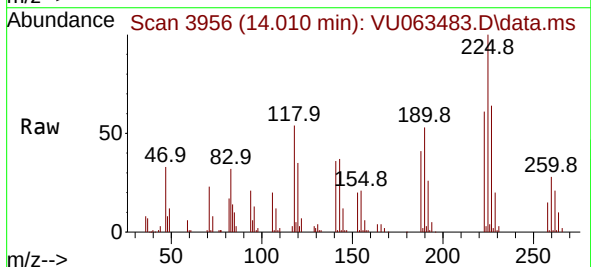
Tgt Ion:225 Resp: 42869

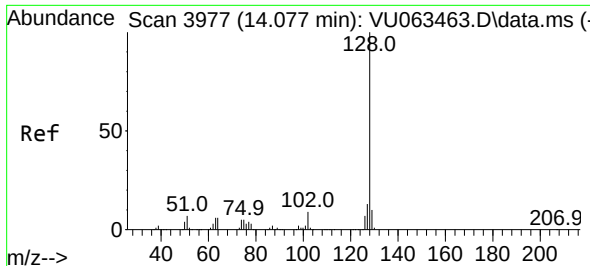
Ion Ratio Lower Upper

225 100

223 61.7 32.4 97.0

227 64.7 32.3 96.9

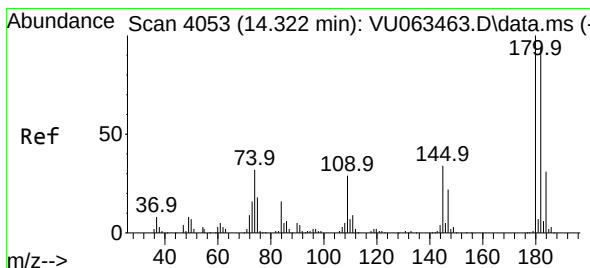
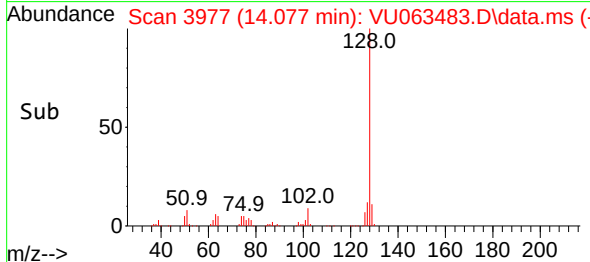
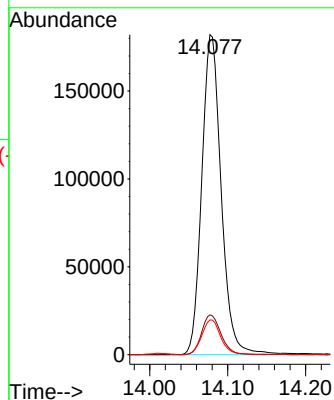
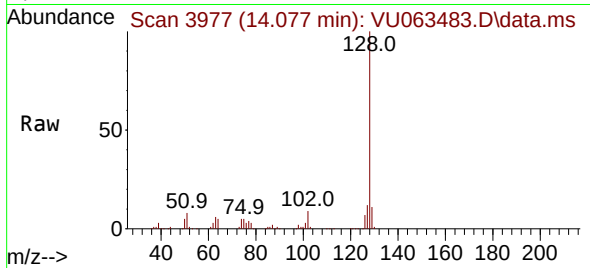




#95
Naphthalene
Concen: 48.394 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	314691
Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.2	15.4
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.109 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063483.D
Acq: 11 Jul 2025 08:22

Tgt Ion:	180	Resp:	99731
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.8	143.3
145	35.2	17.2	51.5

