

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063481.D
 Acq On : 10 Jul 2025 15:59
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 11 04:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	111856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	202570	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	188380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.801	152	104728	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	74255	52.030	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.060%	
35) Dibromofluoromethane	5.274	113	60023	49.157	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.320%	
50) Toluene-d8	7.888	98	192324	48.320	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.640%	
62) 4-Bromofluorobenzene	10.624	95	86687	49.792	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.380	85	40834	45.901	ug/l	99
3) Chloromethane	1.518	50	46302	42.732	ug/l	99
4) Vinyl Chloride	1.599	62	59054	49.151	ug/l	95
5) Bromomethane	1.837	94	43496	51.671	ug/l	97
6) Chloroethane	1.920	64	39510	45.386	ug/l	100
7) Trichlorofluoromethane	2.126	101	97924	50.521	ug/l	100
8) Diethyl Ether	2.370	74	40261	49.841	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.567	101	56823	49.565	ug/l	98
10) Methyl Iodide	2.708	142	57351	47.893	ug/l	97
11) Tert butyl alcohol	3.190	59	150371	314.253	ug/l	100
12) 1,1-Dichloroethene	2.567	96	51169	47.948	ug/l	98
13) Acrolein	2.477	56	18304	271.009	ug/l	96
14) Allyl chloride	2.907	41	127863	50.335	ug/l	95
15) Acrylonitrile	3.303	53	307000	299.526	ug/l	98
16) Acetone	2.618	43	330824	276.337	ug/l	99
17) Carbon Disulfide	2.776	76	102917	40.342	ug/l	98
18) Methyl Acetate	2.940	43	184528	59.894	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	239670	52.074	ug/l	100
20) Methylene Chloride	3.026	84	68422	39.197	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	55308	48.239	ug/l	96
22) Diisopropyl ether	3.988	45	224105	51.813	ug/l	99
23) Vinyl Acetate	3.943	43	909174	270.896	ug/l	99
24) 1,1-Dichloroethane	3.846	63	123985	50.508	ug/l	99
25) 2-Butanone	4.702	43	411054	305.856	ug/l	98
26) 2,2-Dichloropropane	4.644	77	107564	50.365	ug/l	96
27) cis-1,2-Dichloroethene	4.647	96	75051	49.592	ug/l	98
28) Bromochloromethane	4.956	49	60664	52.609	ug/l	98
29) Tetrahydrofuran	5.049	42	255596	301.489	ug/l	99
30) Chloroform	5.071	83	135902	52.438	ug/l	99
31) Cyclohexane	5.367	56	90153	45.685	ug/l	99
32) 1,1,1-Trichloroethane	5.296	97	115180	52.195	ug/l	98
36) 1,1-Dichloropropene	5.509	75	77426	46.666	ug/l	98
37) Ethyl Acetate	4.804	43	126790	47.186	ug/l	100
38) Carbon Tetrachloride	5.505	117	87600	47.918	ug/l	95
39) Methylcyclohexane	6.746	83	89279	44.534	ug/l	98
40) Benzene	5.759	78	251593	48.555	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.965	41	72349	57.063	ug/l	98
42) 1,2-Dichloroethane	5.782	62	102354	52.533	ug/l	98
43) Isopropyl Acetate	5.907	43	192941	54.059	ug/l	98
44) Trichloroethene	6.528	130	66540	47.987	ug/l	96
45) 1,2-Dichloropropane	6.779	63	72273	50.174	ug/l	99
46) Dibromomethane	6.904	93	53192	51.901	ug/l	97
47) Bromodichloromethane	7.094	83	106533	49.990	ug/l	99
48) Methyl methacrylate	6.952	41	89928	54.516	ug/l	98
49) 1,4-Dioxane	6.962	88	44301	1223.853	ug/l	98
51) 4-Methyl-2-Pentanone	7.782	43	719386	278.482	ug/l	98
52) Toluene	7.959	92	166218	49.044	ug/l	93
53) t-1,3-Dichloropropene	8.200	75	94754	50.811	ug/l	97
54) cis-1,3-Dichloropropene	7.595	75	108354	51.904	ug/l	95
55) 1,1,2-Trichloroethane	8.386	97	76514	53.160	ug/l	95
56) Ethyl methacrylate	8.325	69	113821	49.023	ug/l	98
57) 1,3-Dichloropropane	8.563	76	122770	51.747	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.457	63	8935	370.601	ug/l #	89
59) 2-Hexanone	8.676	43	531211	271.877	ug/l	100
60) Dibromochloromethane	8.798	129	83101	51.539	ug/l	100
61) 1,2-Dibromoethane	8.914	107	72086	51.028	ug/l	99
64) Tetrachloroethene	8.541	164	64234	45.804	ug/l	95
65) Chlorobenzene	9.438	112	197781	50.464	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	67556	50.261	ug/l	98
67) Ethyl Benzene	9.560	91	326410	48.458	ug/l	98
68) m/p-Xylenes	9.682	106	248862	96.805	ug/l	96
69) o-Xylene	10.090	106	128147	49.030	ug/l	99
70) Styrene	10.106	104	211333	50.853	ug/l	97
71) Bromoform	10.280	173	58086	49.580	ug/l #	98
73) Isopropylbenzene	10.473	105	333116	46.747	ug/l	100
74) N-amyl acetate	10.312	43	157247	49.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	131820	50.255	ug/l	99
76) 1,2,3-Trichloropropane	10.811	75	131535	47.398	ug/l #	81
77) Bromobenzene	10.772	156	82233	47.078	ug/l	98
78) n-propylbenzene	10.894	91	387912	46.939	ug/l	99
79) 2-Chlorotoluene	10.975	91	251149	48.456	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	293973	47.165	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	23520	42.271	ug/l	88
82) 4-Chlorotoluene	11.087	91	284136	48.288	ug/l	99
83) tert-Butylbenzene	11.409	119	286740	47.972	ug/l	98
84) 1,2,4-Trimethylbenzene	11.457	105	294313	48.086	ug/l	99
85) sec-Butylbenzene	11.634	105	370658	46.994	ug/l	99
86) p-Isopropyltoluene	11.785	119	306193	47.852	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	158623	47.125	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	160507	46.771	ug/l	99
89) n-Butylbenzene	12.200	91	280375	47.342	ug/l	99
90) Hexachloroethane	12.466	117	49107	45.886	ug/l	98
91) 1,2-Dichlorobenzene	12.203	146	160718	48.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.984	75	35208	56.674	ug/l	96
93) 1,2,4-Trichlorobenzene	13.830	180	100007	47.576	ug/l	98
94) Hexachlorobutadiene	14.010	225	40423	44.987	ug/l	98
95) Naphthalene	14.077	128	333358	48.426	ug/l	100
96) 1,2,3-Trichlorobenzene	14.318	180	100013	48.415	ug/l	98

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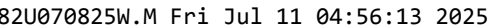
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MSVOA_U
ClientSampleId :
VSTDCCC050EC

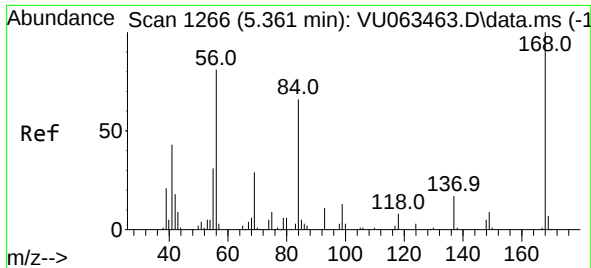
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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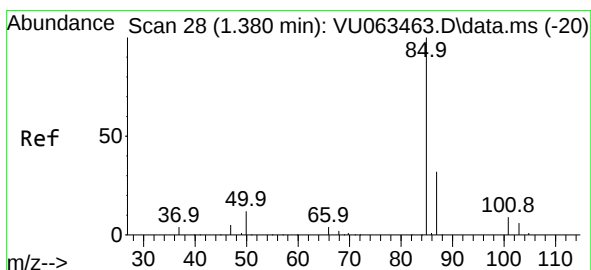
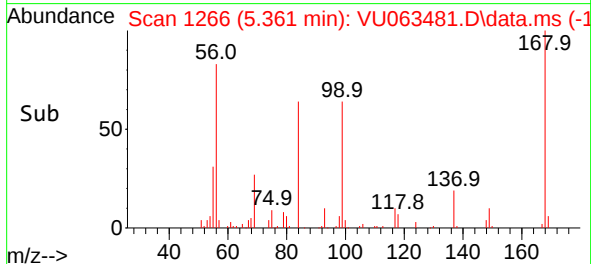
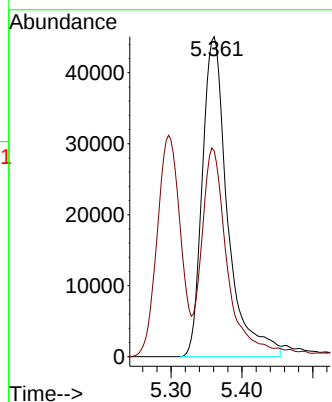
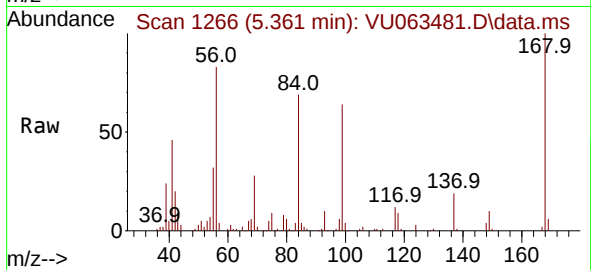




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
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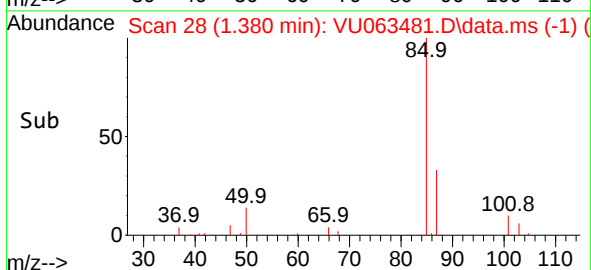
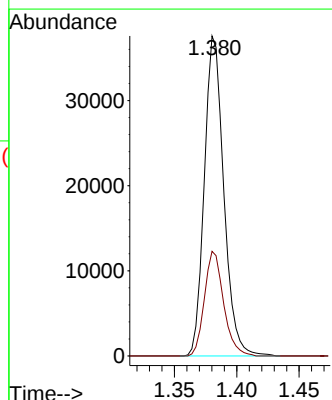
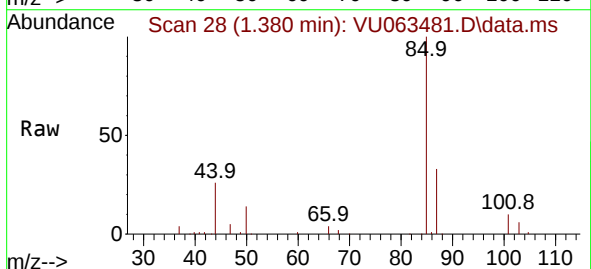
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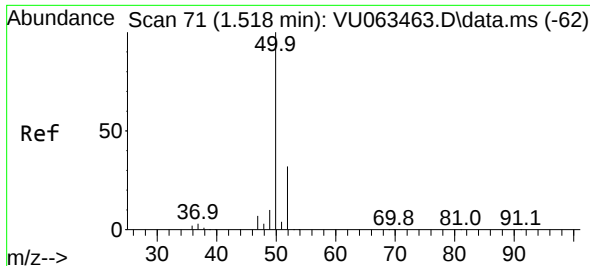
Tgt Ion:168 Resp: 111856
Ion Ratio Lower Upper
168 100
99 61.8 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 45.901 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 85 Resp: 40834
Ion Ratio Lower Upper
85 100
87 32.7 16.1 48.2

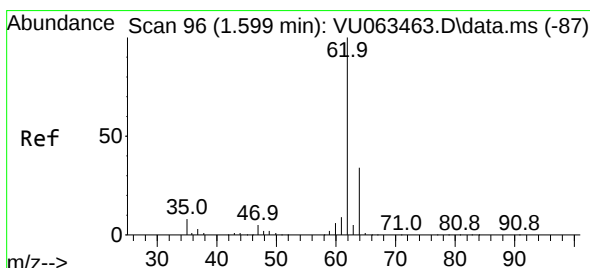
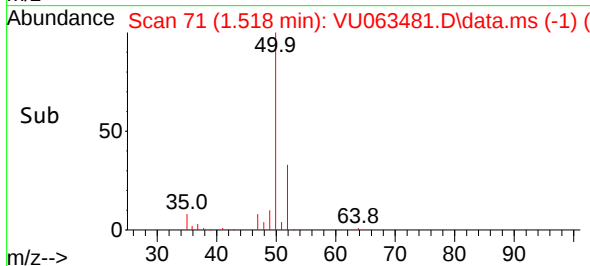
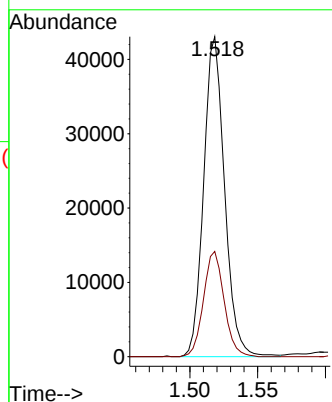
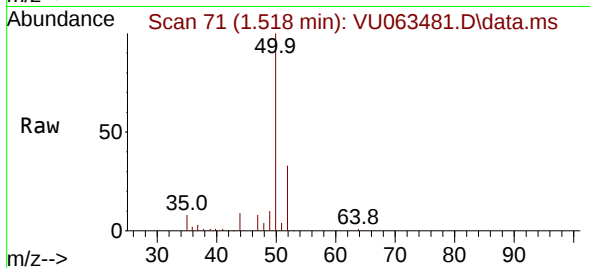




#3
Chloromethane
Concen: 42.732 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

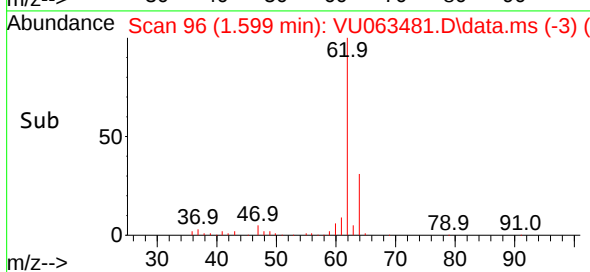
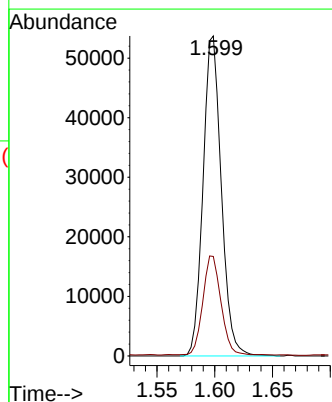
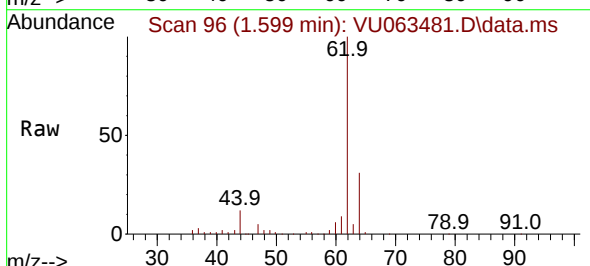
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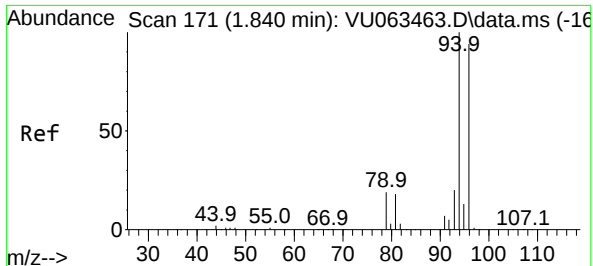
Tgt Ion: 50 Resp: 46302
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.8



#4
Vinyl Chloride
Concen: 49.151 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 62 Resp: 59054
Ion Ratio Lower Upper
62 100
64 30.7 26.9 40.3

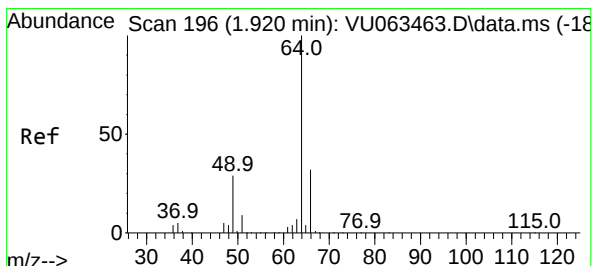
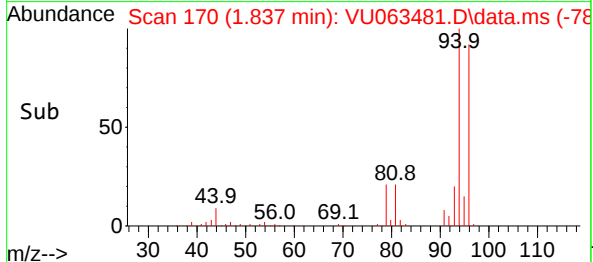
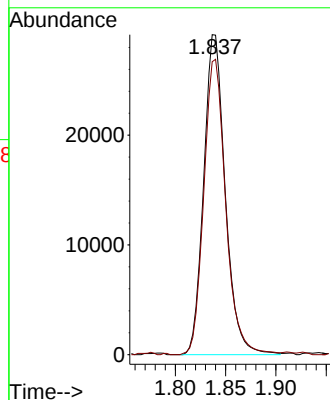
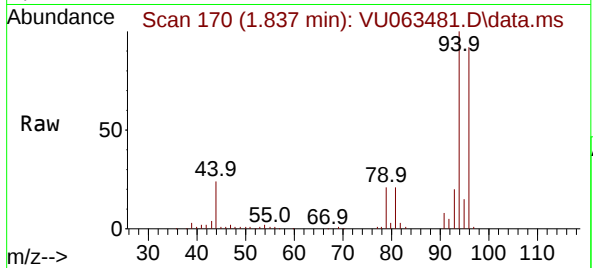




#5
Bromomethane
Concen: 51.671 ug/l
RT: 1.837 min Scan# 171
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

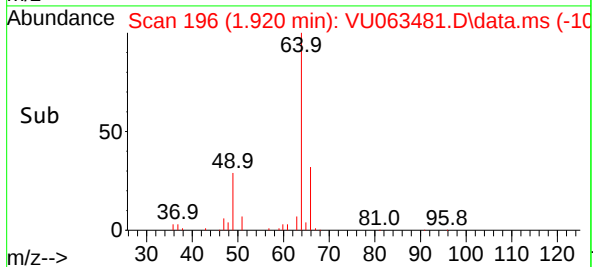
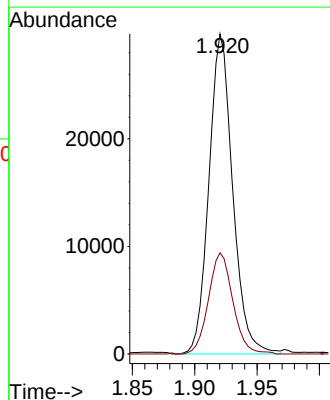
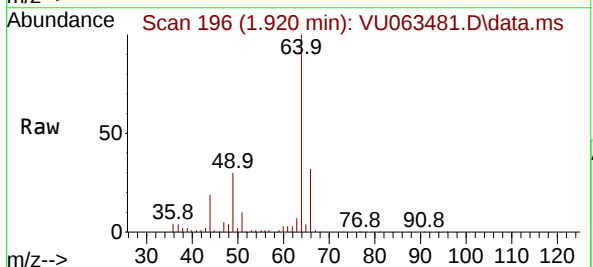
Instrument :
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Tgt Ion: 94 Resp: 43496
Ion Ratio Lower Upper
94 100
96 91.6 75.5 113.3



#6
Chloroethane
Concen: 45.386 ug/l
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 64 Resp: 39510
Ion Ratio Lower Upper
64 100
66 31.6 25.3 37.9

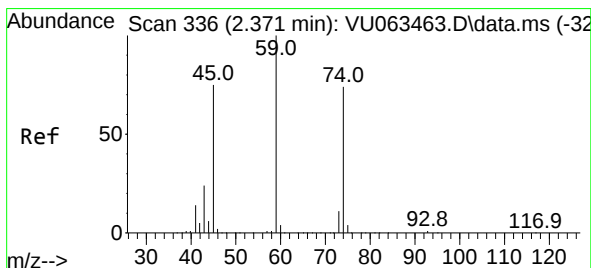
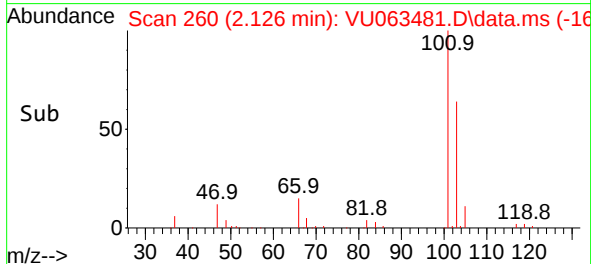
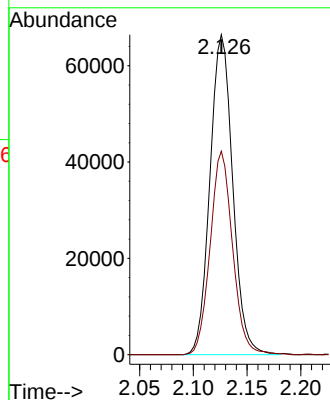
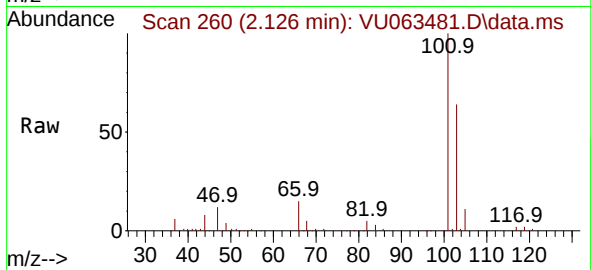




#7
Trichlorofluoromethane
Concen: 50.521 ug/l
RT: 2.126 min Scan# 20
Delta R.T. 0.000 min
Lab File: VU063481.D
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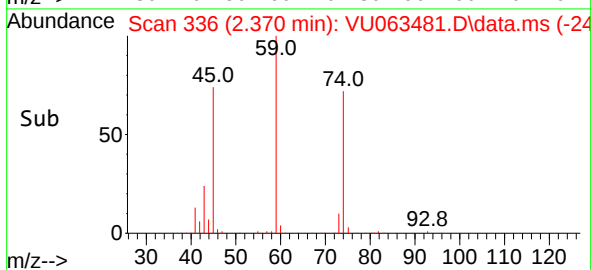
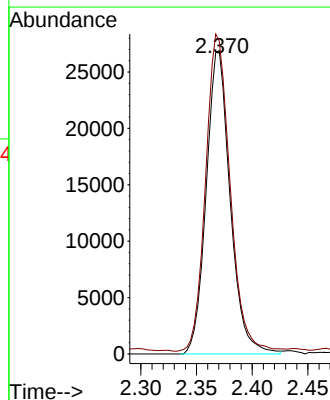
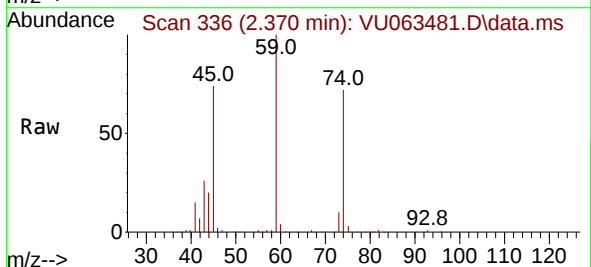
Instrument :
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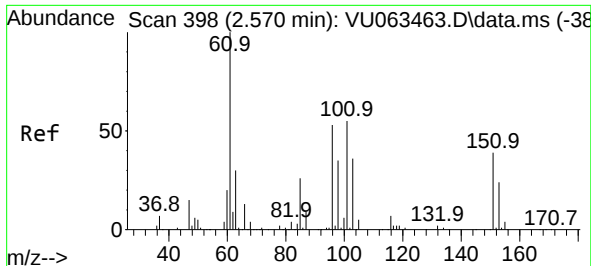
Tgt Ion:101 Resp: 97924
Ion Ratio Lower Upper
101 100
103 63.6 51.1 76.7



#8
Diethyl Ether
Concen: 49.841 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 74 Resp: 40261
Ion Ratio Lower Upper
74 100
45 106.4 49.7 149.1

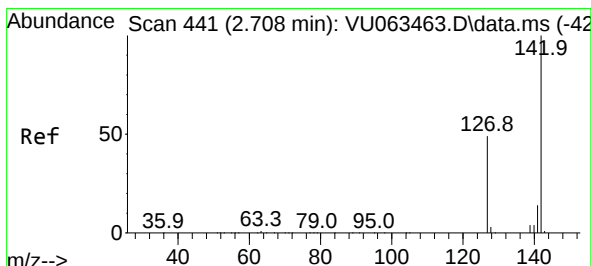
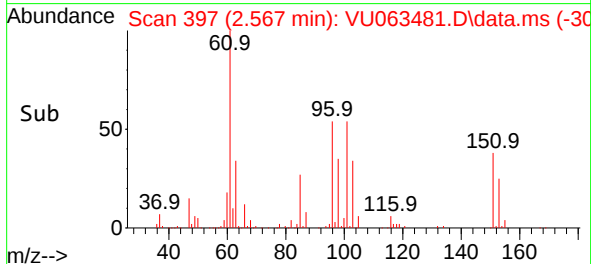
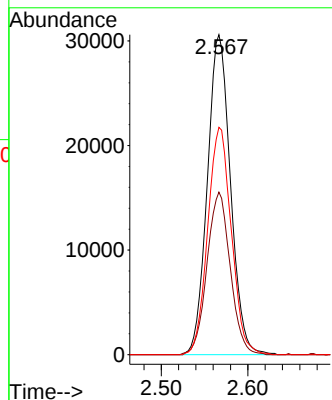
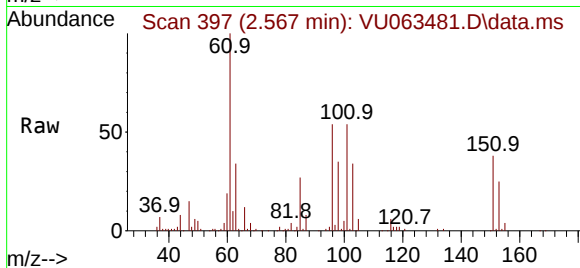




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.565 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063481.D
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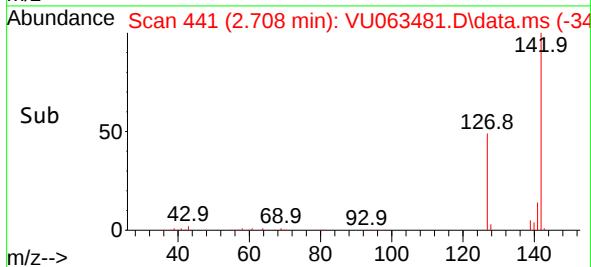
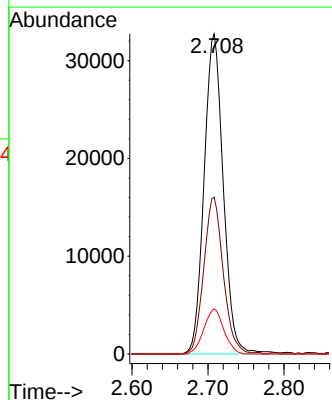
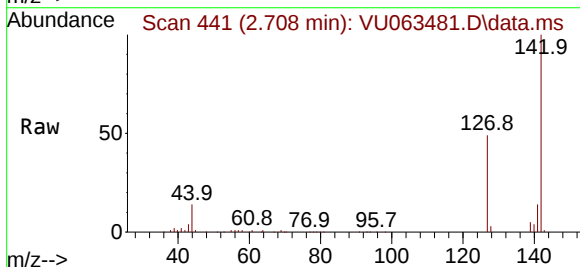
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

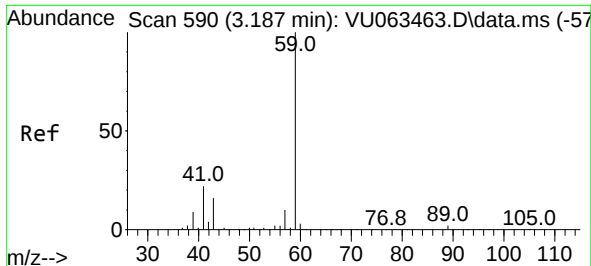
Tgt Ion:101 Resp: 56823
Ion Ratio Lower Upper
101 100
85 51.0 39.6 59.4
151 72.5 57.2 85.8



#10
Methyl Iodide
Concen: 47.893 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion:142 Resp: 57351
Ion Ratio Lower Upper
142 100
127 49.8 38.2 57.4
141 14.7 11.1 16.7

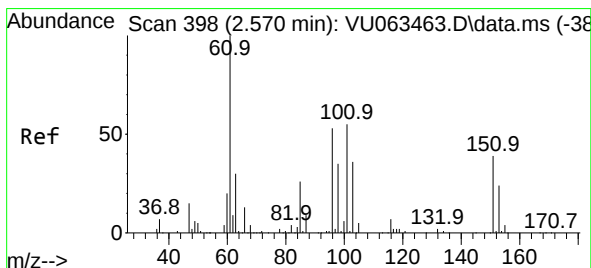
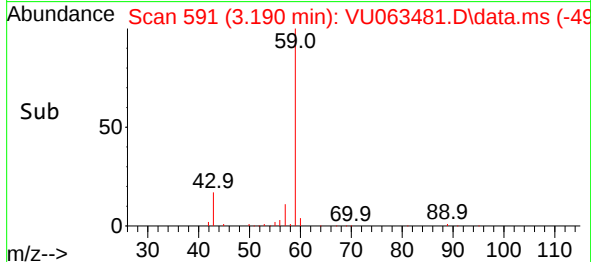
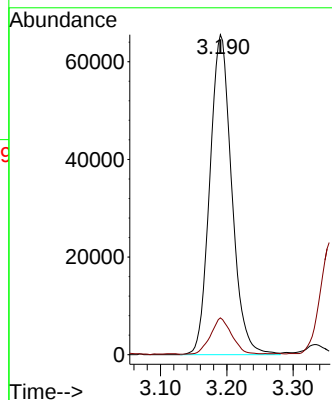
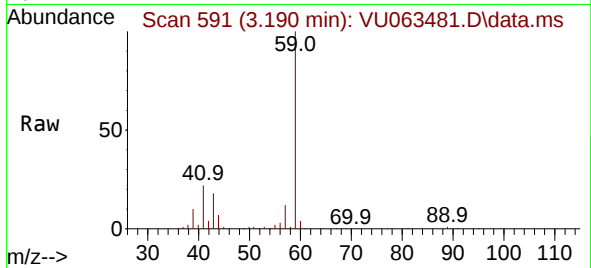




#11
Tert butyl alcohol
Concen: 314.253 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

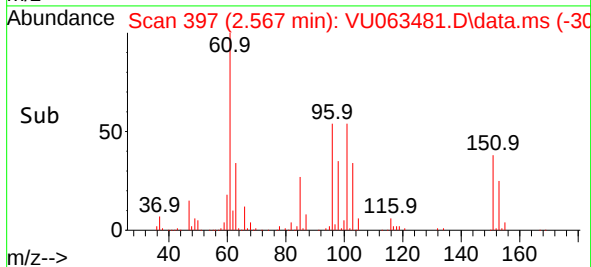
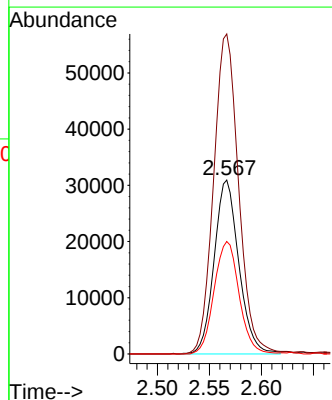
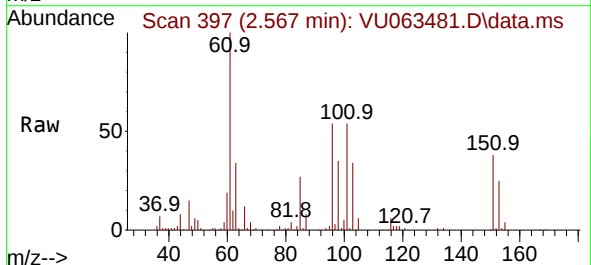
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

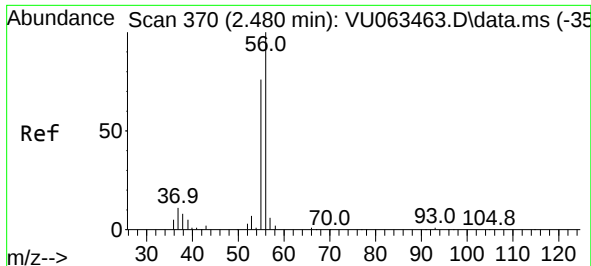
Tgt Ion: 59 Resp: 150371
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 47.948 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 96 Resp: 51169
Ion Ratio Lower Upper
96 100
61 184.0 149.6 224.4
98 64.7 52.0 78.0

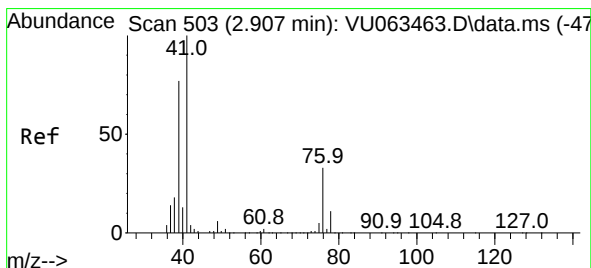
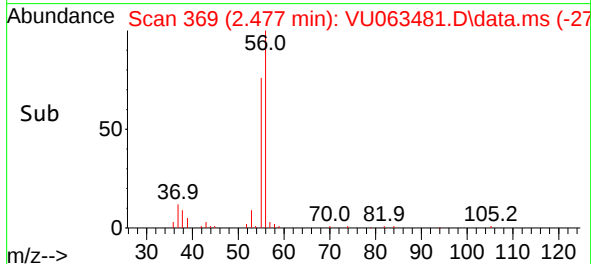
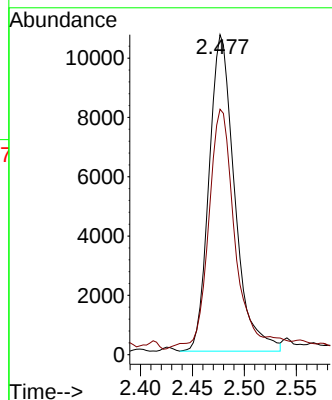
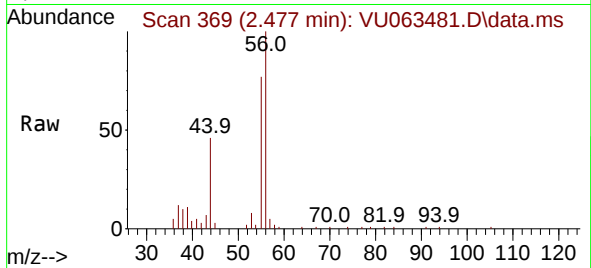




#13
Acrolein
Concen: 271.009 ug/l
RT: 2.477 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

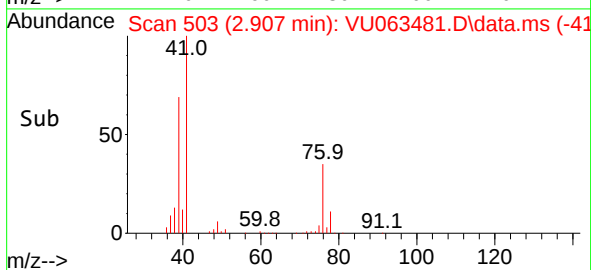
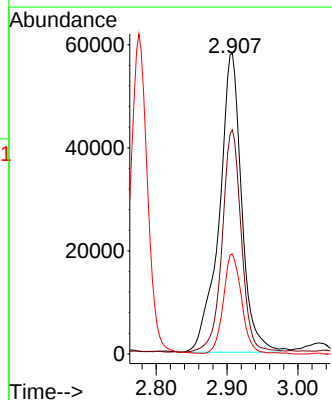
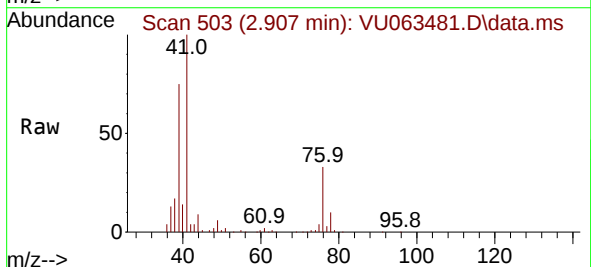
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

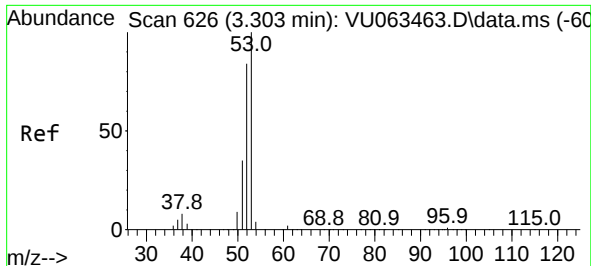
Tgt Ion: 56 Resp: 18304
Ion Ratio Lower Upper
56 100
55 79.0 60.2 90.2



#14
Allyl chloride
Concen: 50.335 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 41 Resp: 127863
Ion Ratio Lower Upper
41 100
39 63.6 53.9 80.9
76 26.8 23.1 34.7

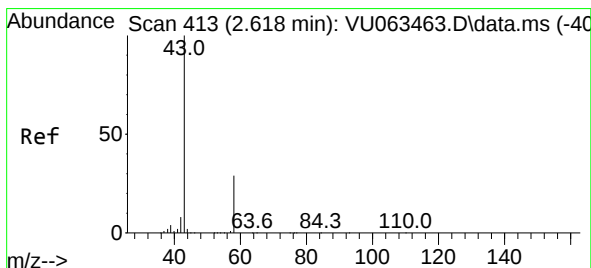
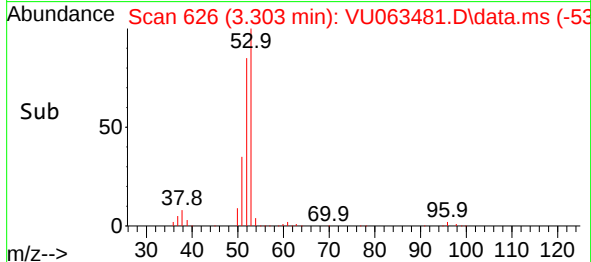
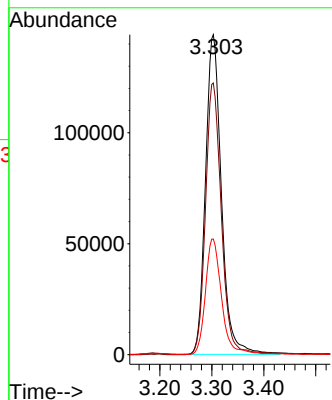
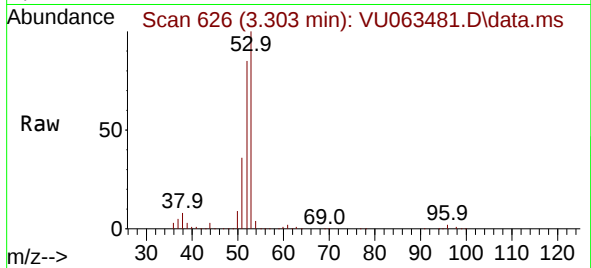




#15
Acrylonitrile
Concen: 299.526 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

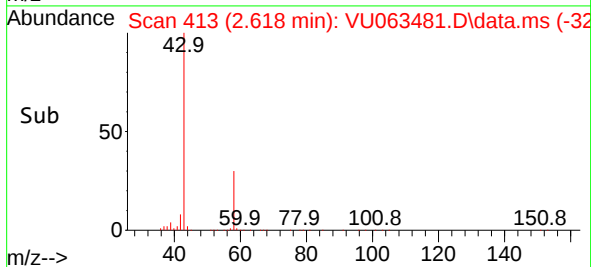
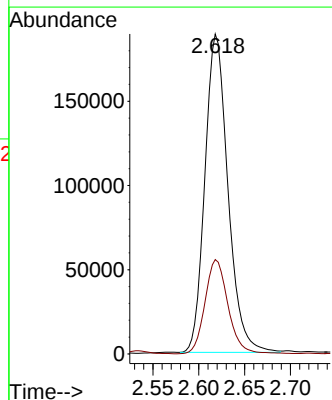
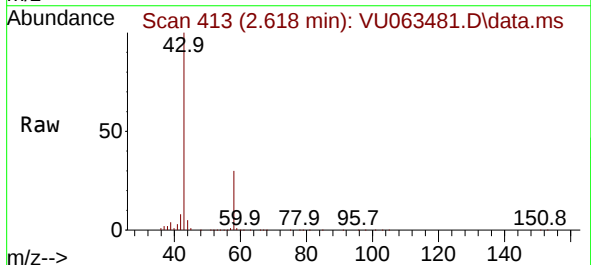
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

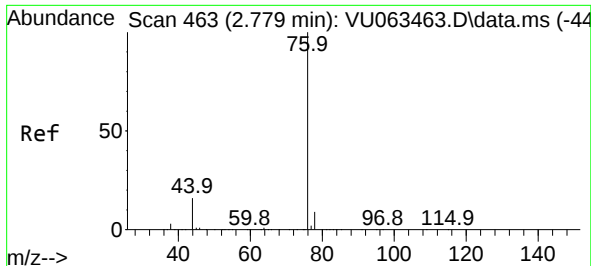
Tgt Ion: 53 Resp: 307000
Ion Ratio Lower Upper
53 100
52 84.1 65.0 97.4
51 36.4 28.8 43.2



#16
Acetone
Concen: 276.337 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 43 Resp: 330824
Ion Ratio Lower Upper
43 100
58 29.6 23.1 34.7

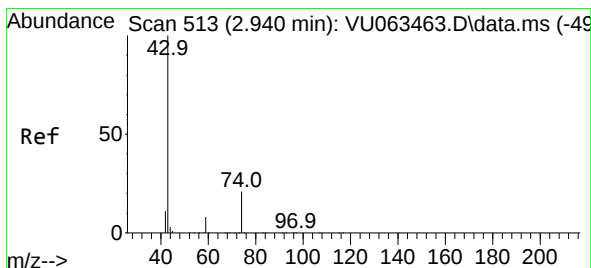
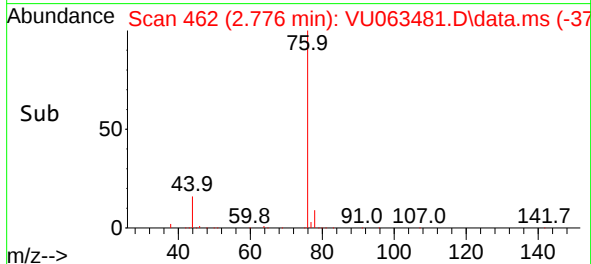
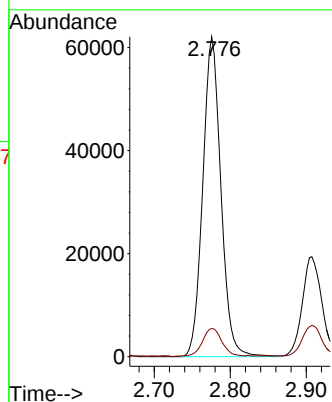
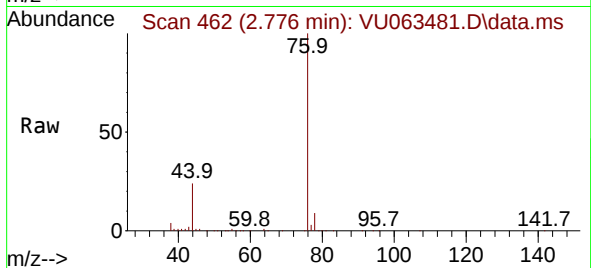




#17
Carbon Disulfide
Concen: 40.342 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

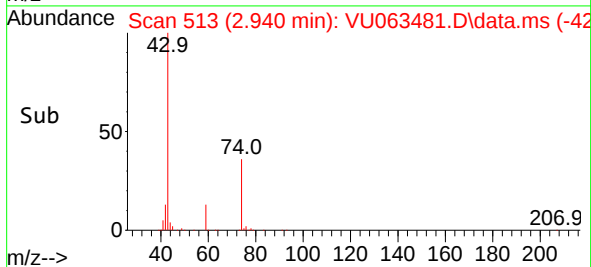
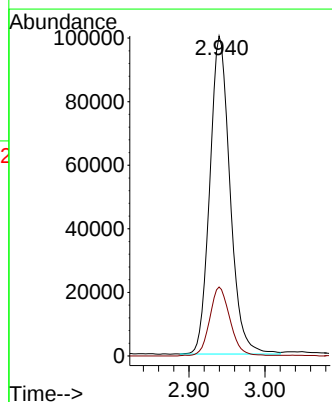
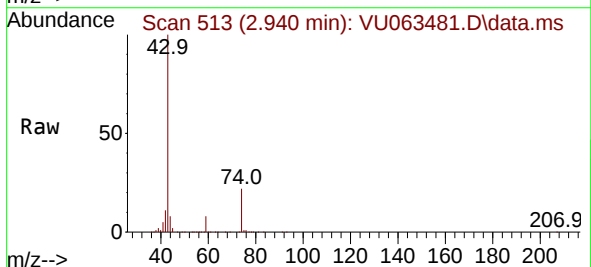
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

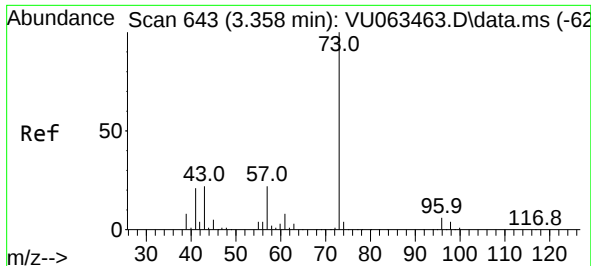
Tgt Ion: 76 Resp: 102917
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 59.894 ug/l
RT: 2.940 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 43 Resp: 184528
Ion Ratio Lower Upper
43 100
74 22.0 17.3 25.9

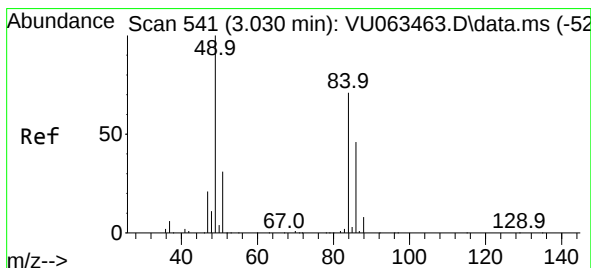
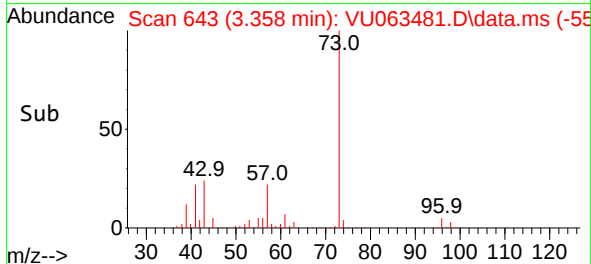
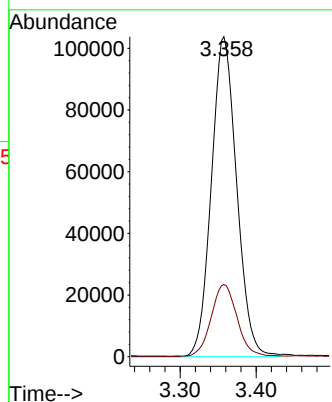
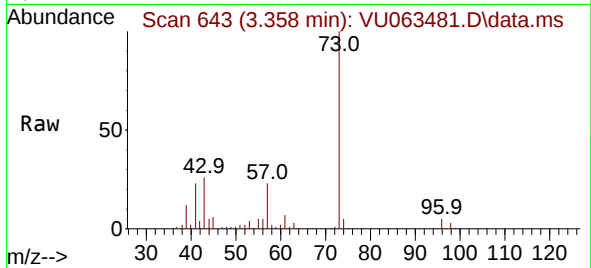




#19
Methyl tert-butyl Ether
Concen: 52.074 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

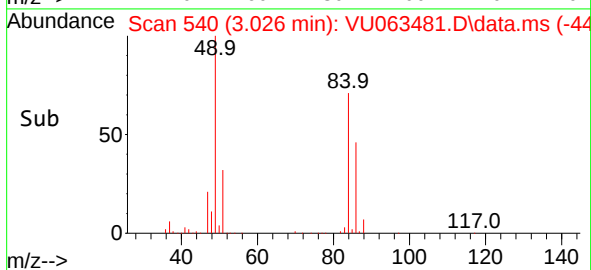
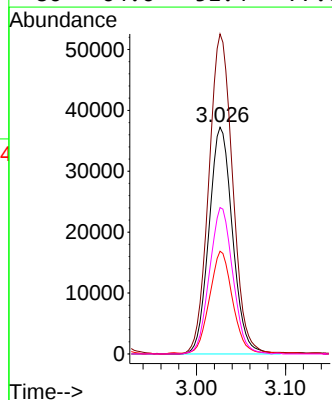
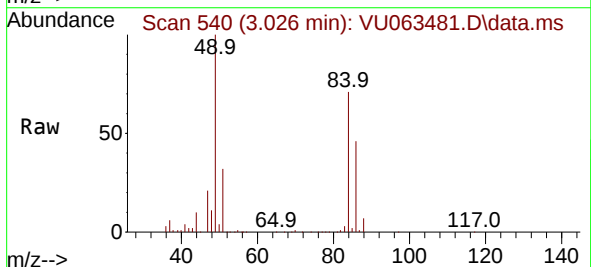
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

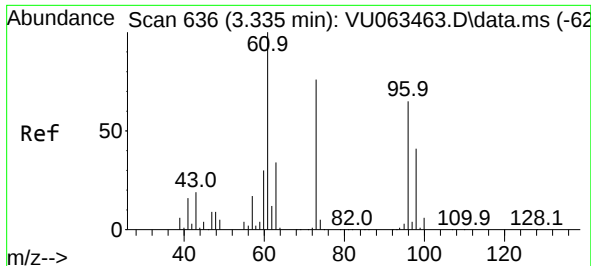
Tgt Ion: 73 Resp: 239670
Ion Ratio Lower Upper
73 100
57 22.3 17.8 26.6



#20
Methylene Chloride
Concen: 39.197 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 84 Resp: 68422
Ion Ratio Lower Upper
84 100
49 141.2 112.1 168.1
51 44.9 34.4 51.6
86 64.6 51.4 77.0

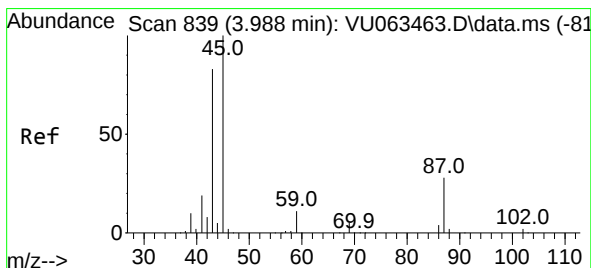
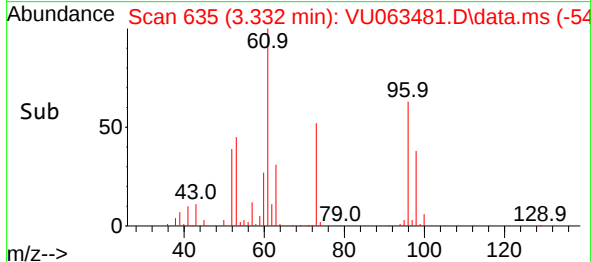
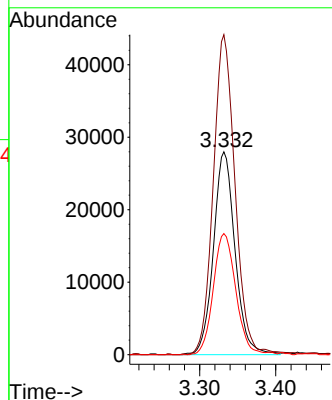
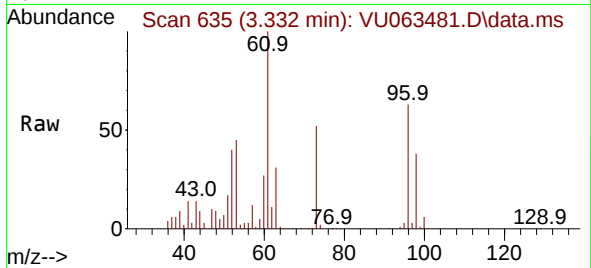




#21
trans-1,2-Dichloroethene
Concen: 48.239 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

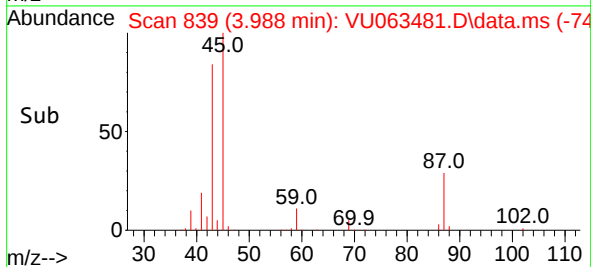
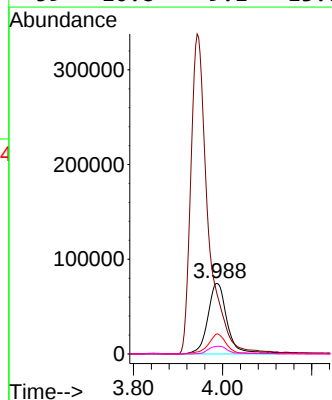
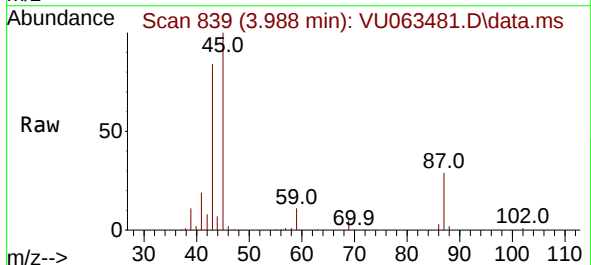
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

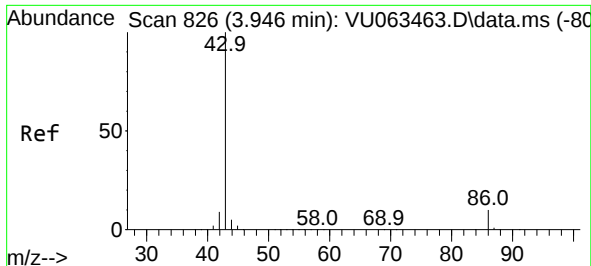
Tgt Ion: 96 Resp: 55308
Ion Ratio Lower Upper
96 100
61 157.7 122.2 183.4
98 59.7 49.9 74.9



#22
Diisopropyl ether
Concen: 51.813 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 45 Resp: 224105
Ion Ratio Lower Upper
45 100
43 82.8 66.5 99.7
87 28.6 22.6 33.8
59 10.8 9.1 13.7

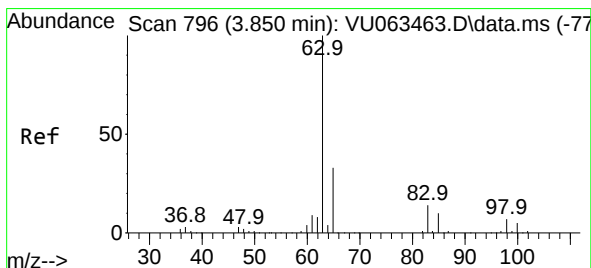
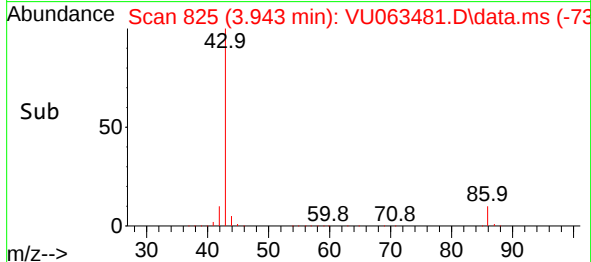
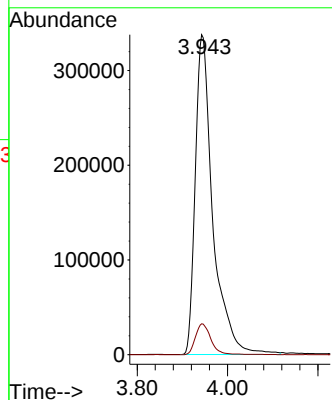
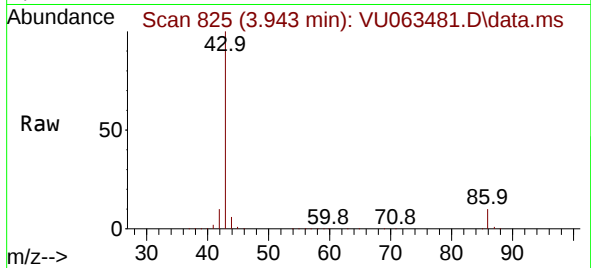




#23
 Vinyl Acetate
 Concen: 270.896 ug/l
 RT: 3.943 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

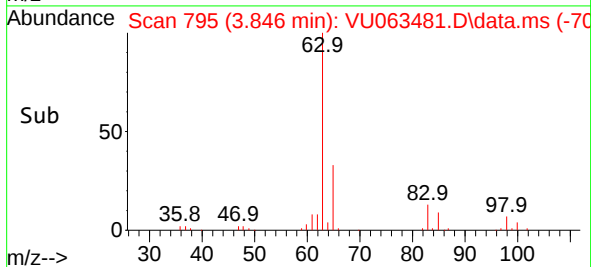
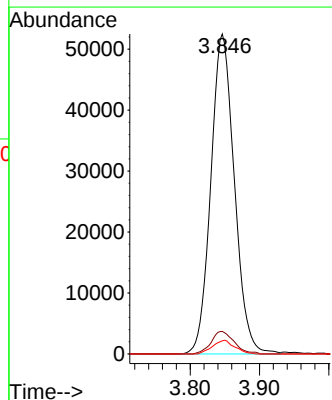
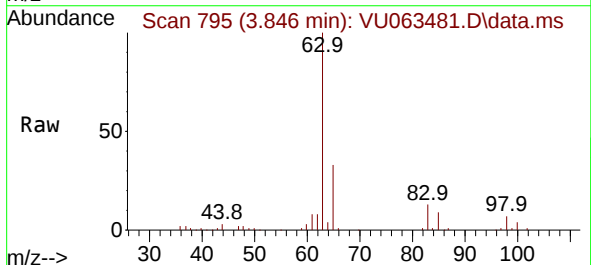
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

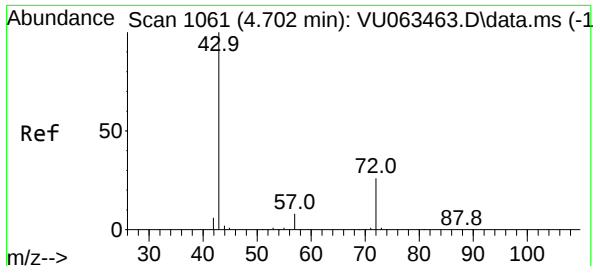
Tgt Ion: 43 Resp: 909174
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.508 ug/l
 RT: 3.846 min Scan# 795
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion: 63 Resp: 123985
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 305.856 ug/l

RT: 4.702 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

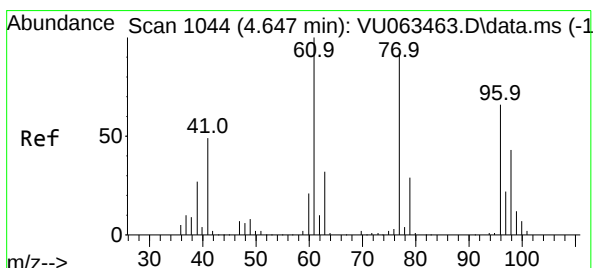
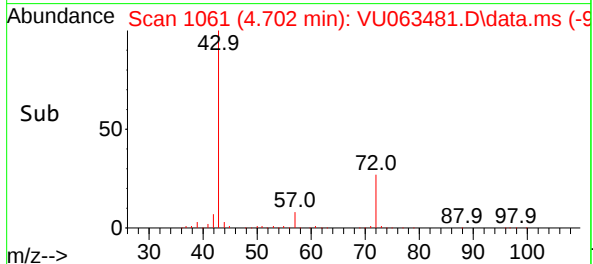
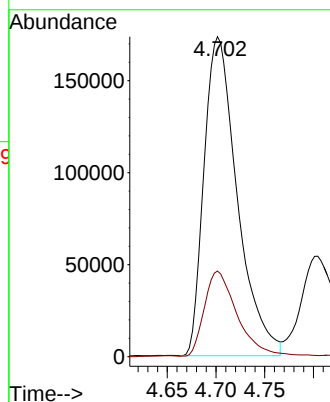
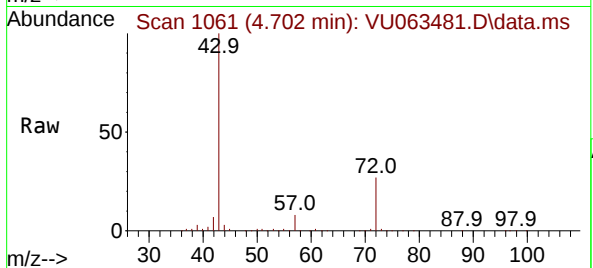
VSTDCCC050EC

Tgt Ion: 43 Resp: 411054

Ion Ratio Lower Upper

43 100

72 26.7 20.7 31.1



#26

2,2-Dichloropropane

Concen: 50.365 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063481.D

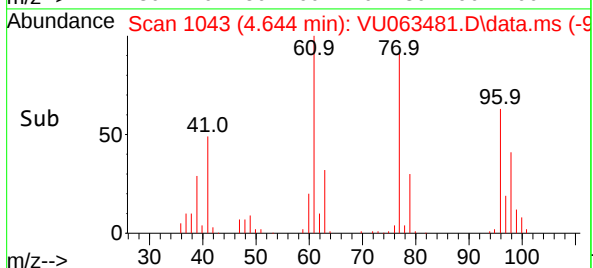
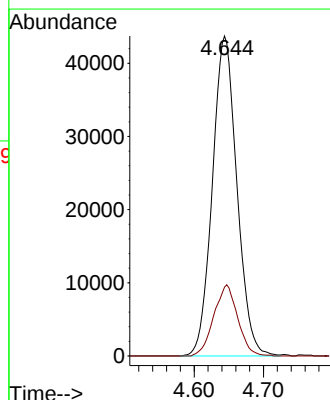
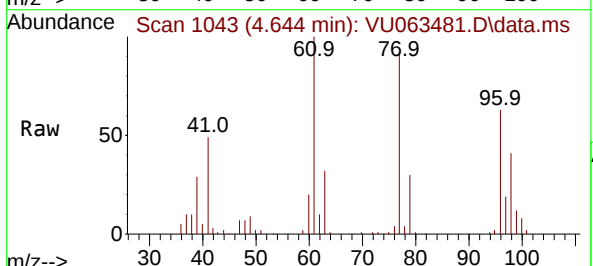
Acq: 10 Jul 2025 15:59

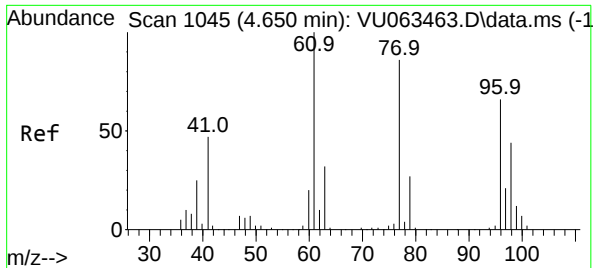
Tgt Ion: 77 Resp: 107564

Ion Ratio Lower Upper

77 100

97 21.7 11.8 35.3

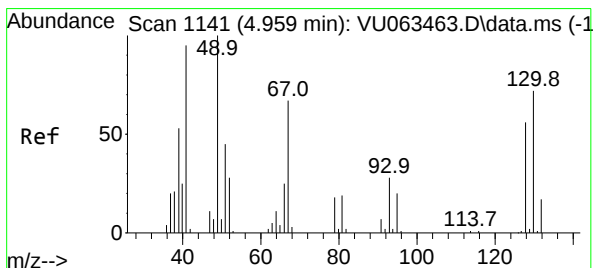
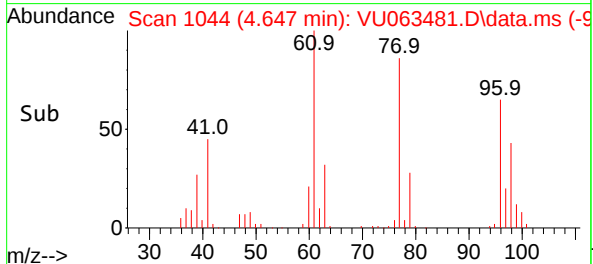
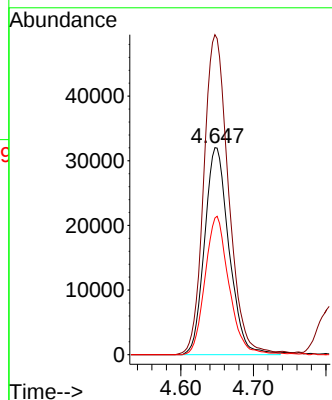
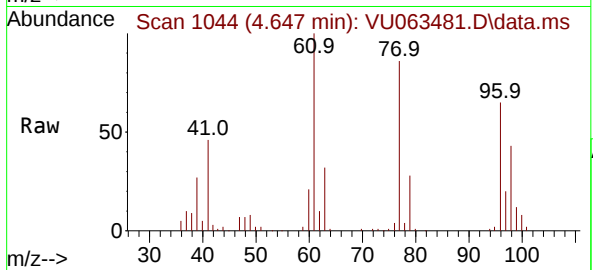




#27
 cis-1,2-Dichloroethene
 Concen: 49.592 ug/l
 RT: 4.647 min Scan# 1044
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

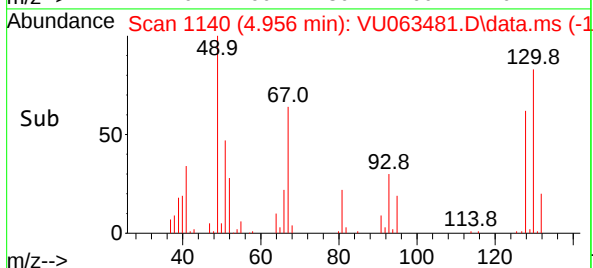
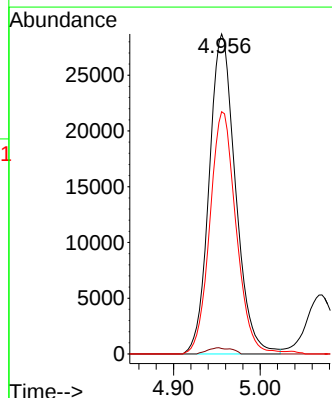
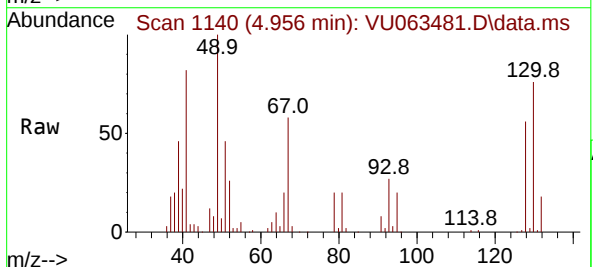
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

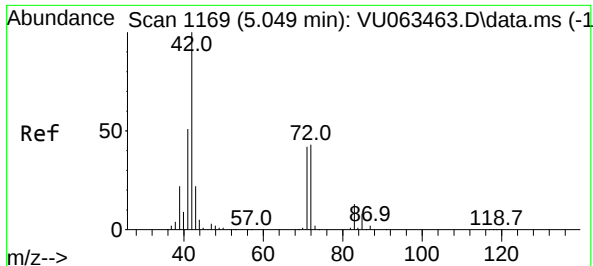
Tgt Ion: 96	Resp: 75051
Ion Ratio	Lower Upper
96	100
61	156.1 0.0 307.2
98	65.7 0.0 133.0



#28
 Bromochloromethane
 Concen: 52.609 ug/l
 RT: 4.956 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion: 49	Resp: 60664
Ion Ratio	Lower Upper
49	100
129	1.8 0.0 3.8
130	75.5 59.0 88.4





#29

Tetrahydrofuran

Concen: 301.489 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

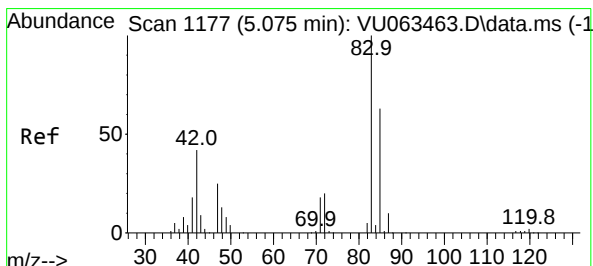
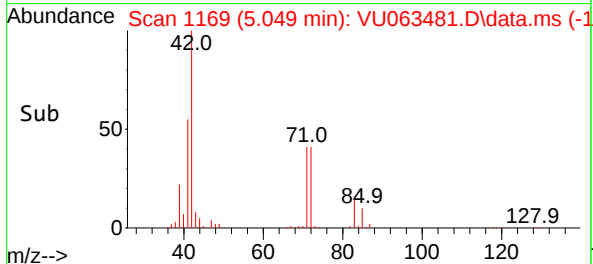
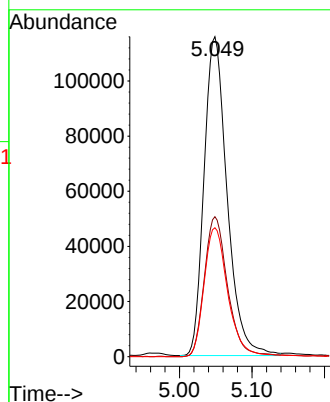
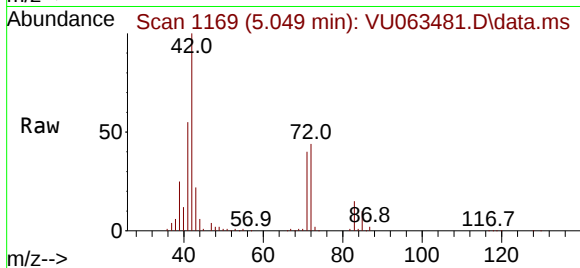
Tgt Ion: 42 Resp: 255596

Ion Ratio Lower Upper

42 100

72 44.8 36.2 54.4

71 41.8 33.3 49.9



#30

Chloroform

Concen: 52.438 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.003 min

Lab File: VU063481.D

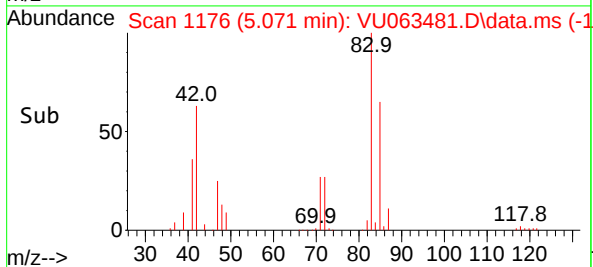
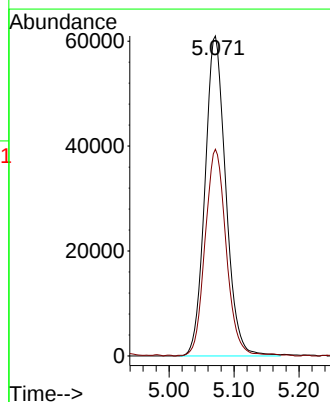
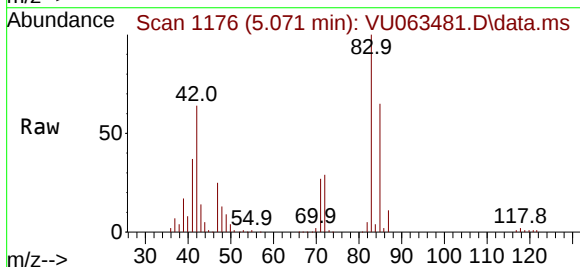
Acq: 10 Jul 2025 15:59

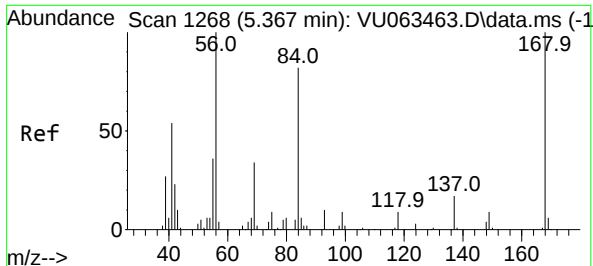
Tgt Ion: 83 Resp: 135902

Ion Ratio Lower Upper

83 100

85 64.4 50.7 76.1





#31

Cyclohexane

Concen: 45.685 ug/l

RT: 5.367 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

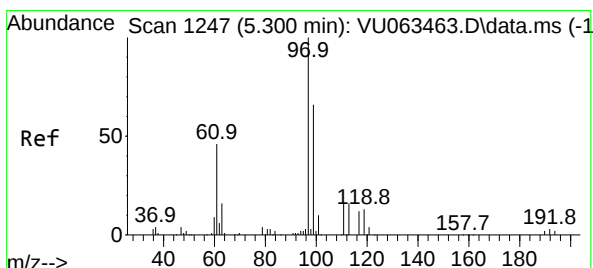
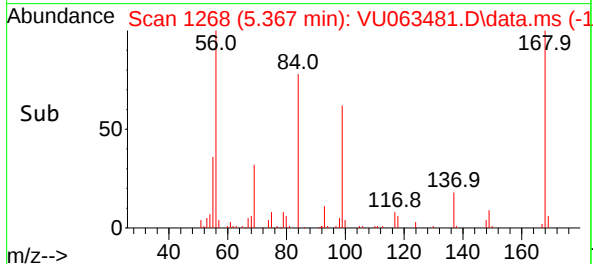
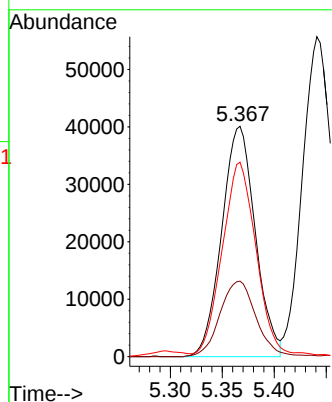
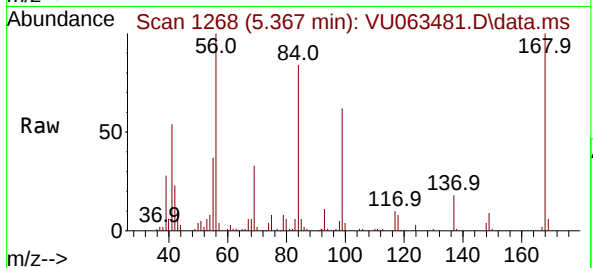
Tgt Ion: 56 Resp: 90153

Ion Ratio Lower Upper

56 100

69 32.8 27.0 40.4

84 82.5 65.7 98.5



#32

1,1,1-Trichloroethane

Concen: 52.195 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

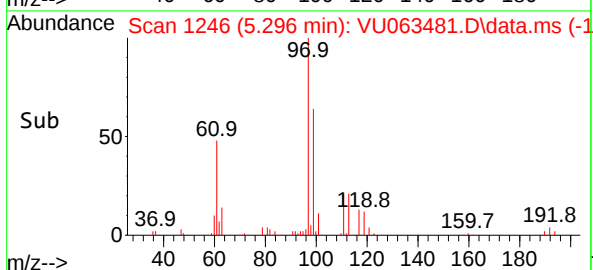
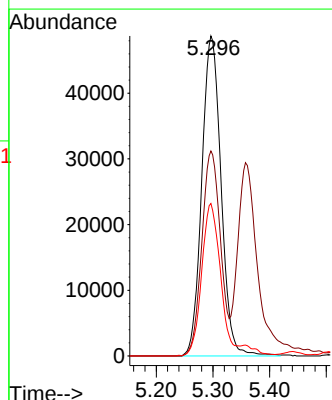
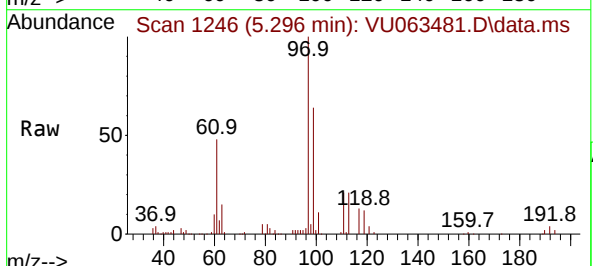
Tgt Ion: 97 Resp: 115180

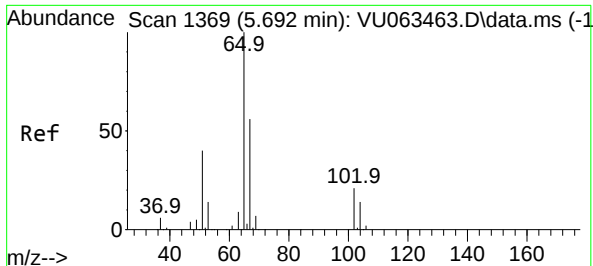
Ion Ratio Lower Upper

97 100

99 61.7 50.4 75.6

61 46.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.030 ug/l

RT: 5.689 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

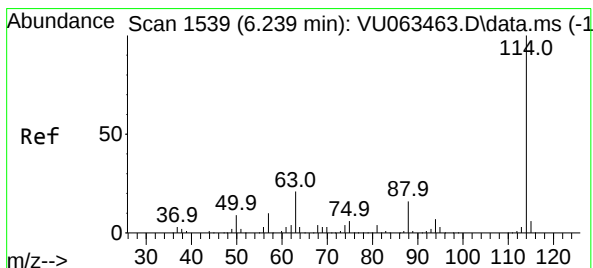
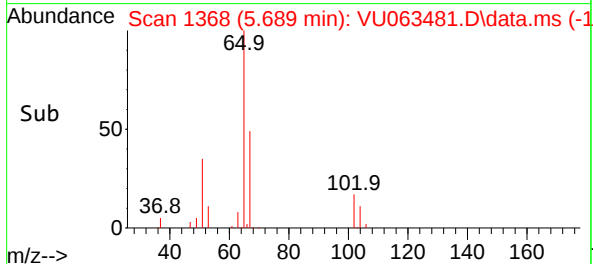
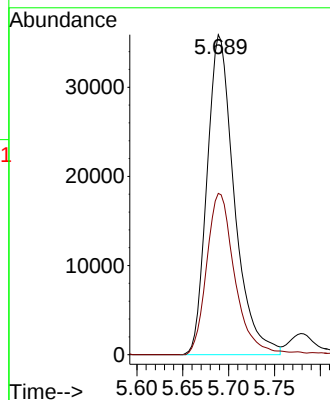
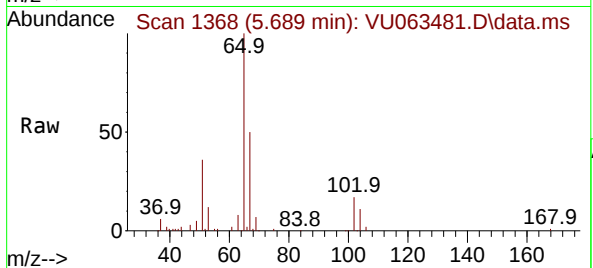
VSTDCCC050EC

Tgt Ion: 65 Resp: 74255

Ion Ratio Lower Upper

65 100

67 51.9 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: VU063481.D

Acq: 10 Jul 2025 15:59

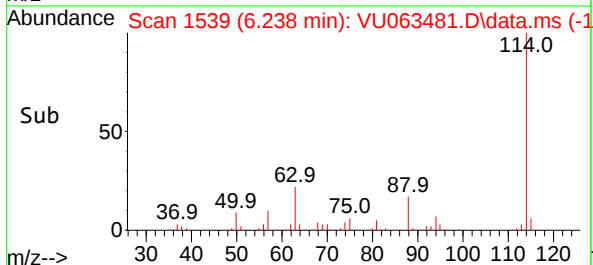
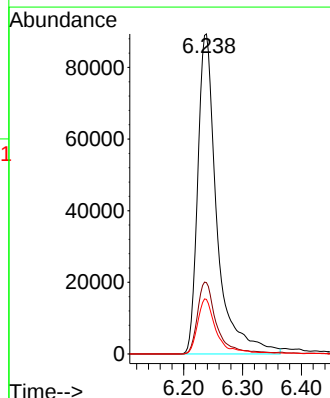
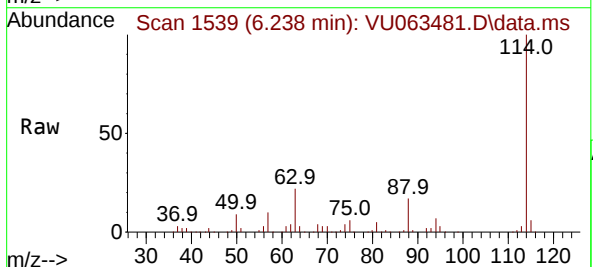
Tgt Ion: 114 Resp: 202570

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

88 17.0 0.0 32.0

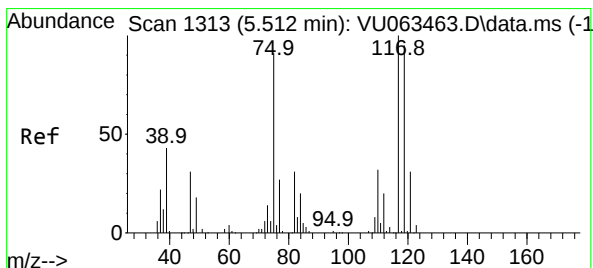
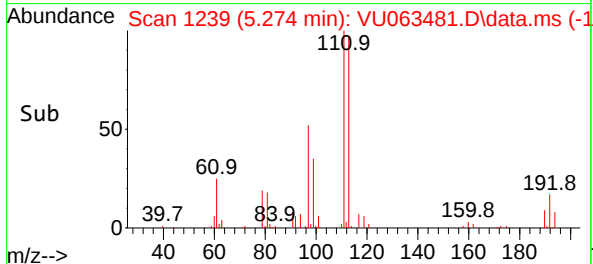
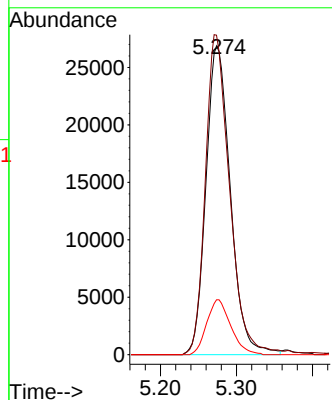
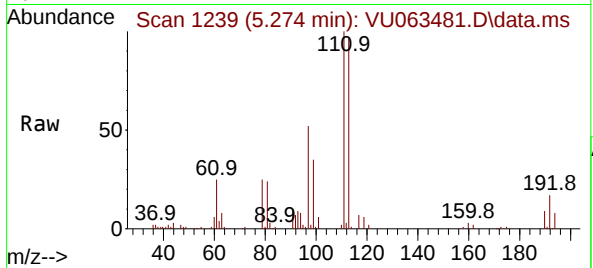




#35
Dibromofluoromethane
Concen: 49.157 ug/l
RT: 5.274 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

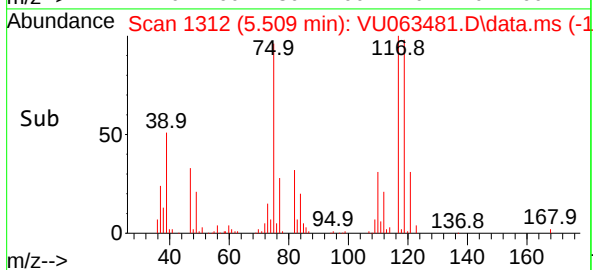
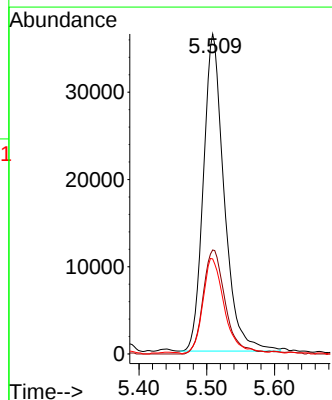
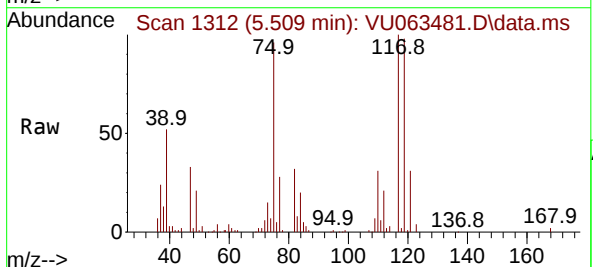
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

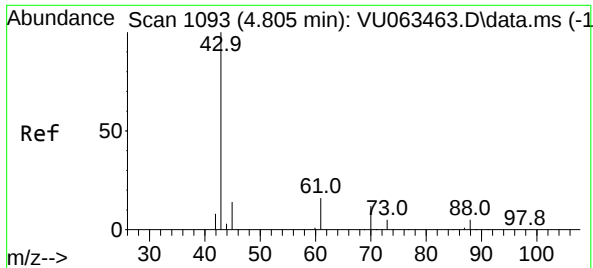
Tgt Ion:113 Resp: 60023
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 46.666 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 75 Resp: 77426
Ion Ratio Lower Upper
75 100
110 35.1 17.3 52.0
77 31.6 23.9 35.9





#37

Ethyl Acetate

Concen: 47.186 ug/l

RT: 4.804 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

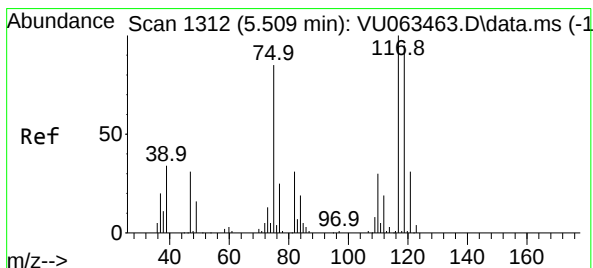
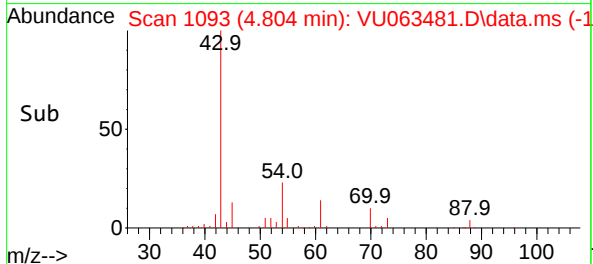
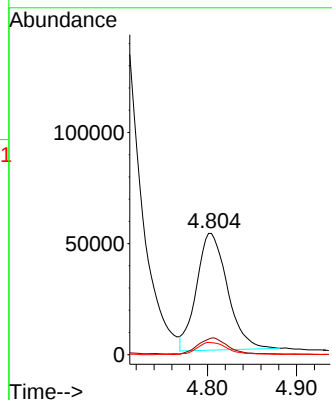
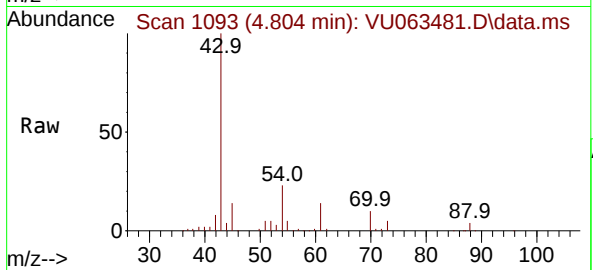
Tgt Ion: 43 Resp: 126790

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

70 10.0 7.8 11.8



#38

Carbon Tetrachloride

Concen: 47.918 ug/l

RT: 5.505 min Scan# 1311

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

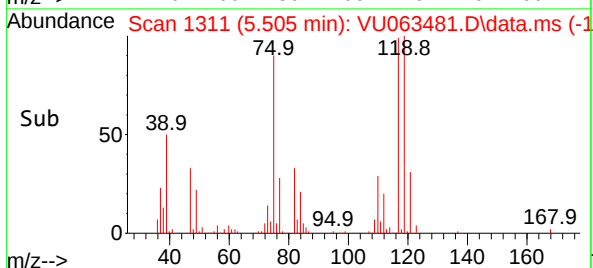
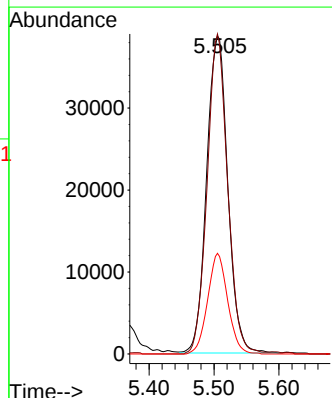
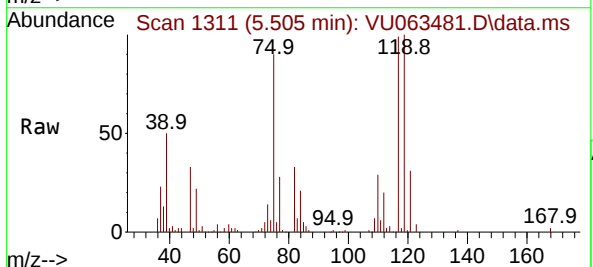
Tgt Ion: 117 Resp: 87600

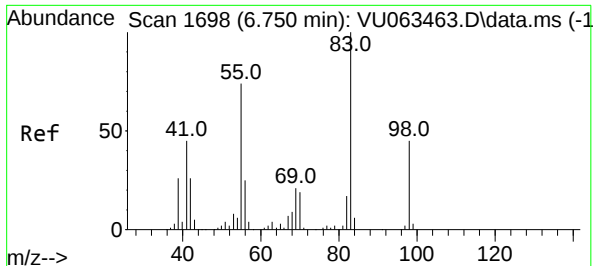
Ion Ratio Lower Upper

117 100

119 101.0 76.1 114.1

121 31.8 25.0 37.4





#39

Methylcyclohexane

Concen: 44.534 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

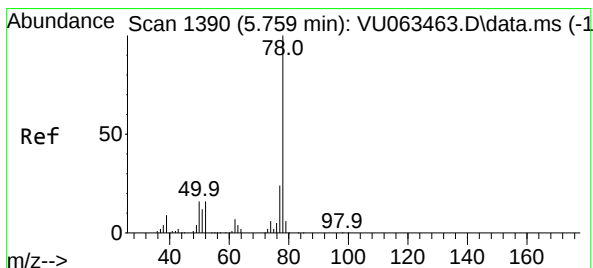
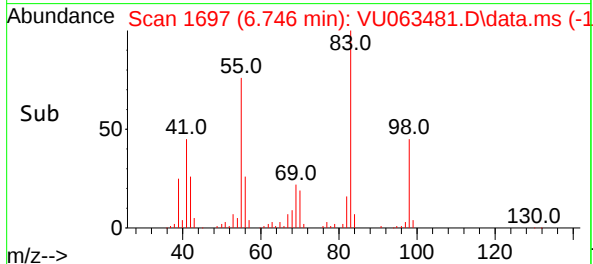
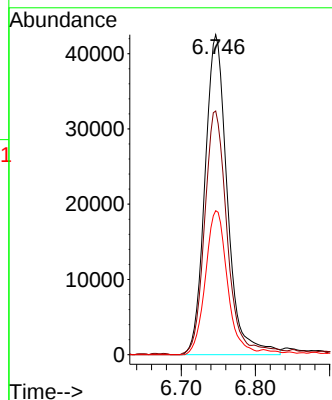
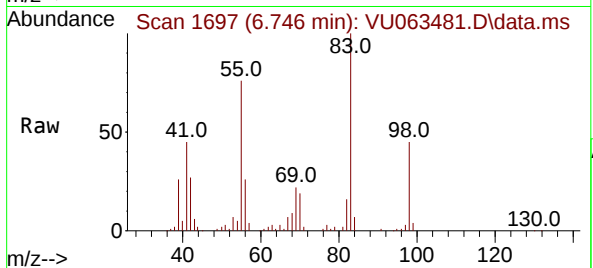
Tgt Ion: 83 Resp: 89279

Ion Ratio Lower Upper

83 100

55 76.1 59.4 89.2

98 45.0 36.2 54.4



#40

Benzene

Concen: 48.555 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063481.D

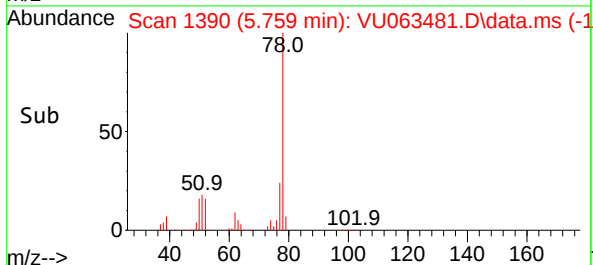
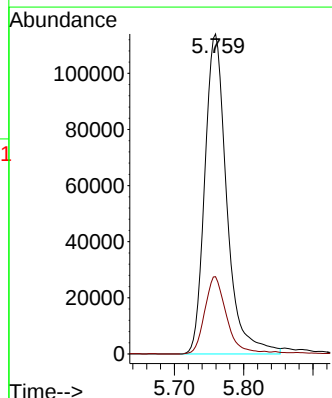
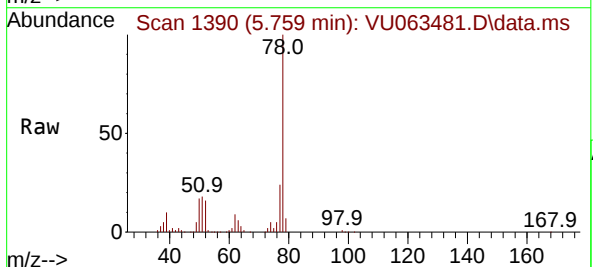
Acq: 10 Jul 2025 15:59

Tgt Ion: 78 Resp: 251593

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.4

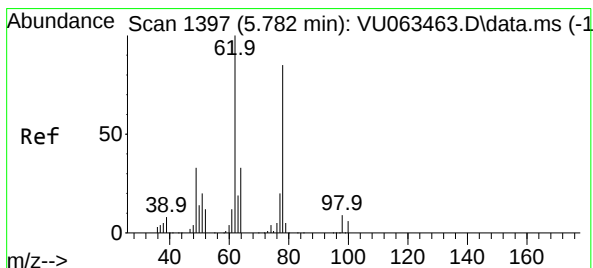
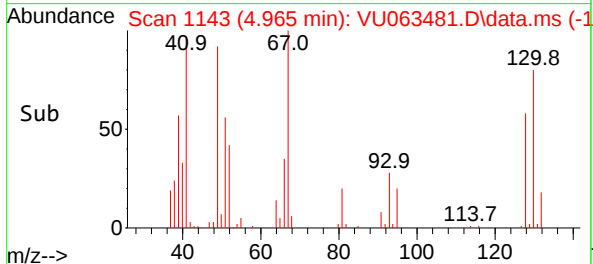
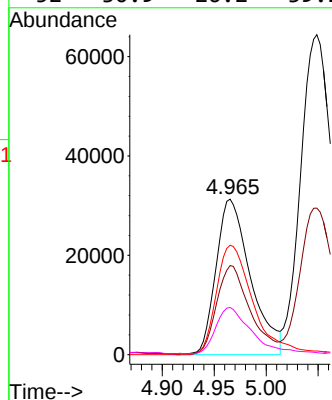
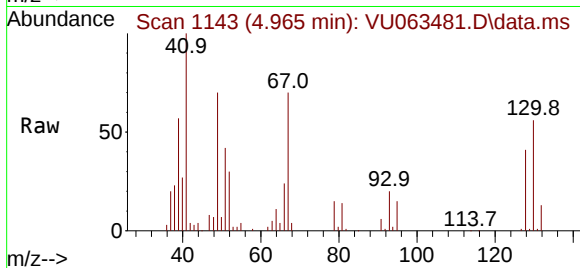




#41
Methacrylonitrile
Concen: 57.063 ug/l
RT: 4.965 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

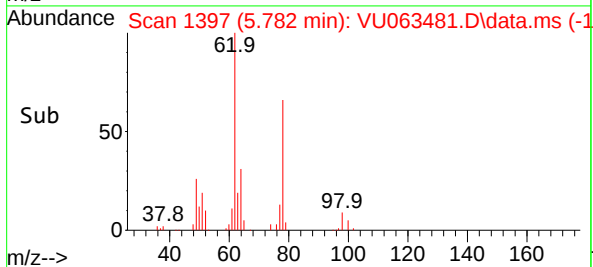
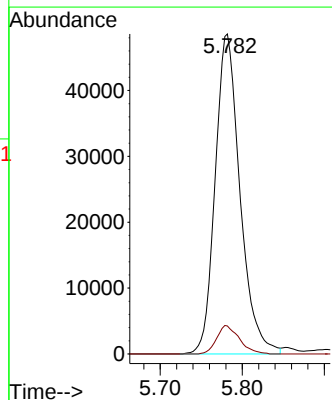
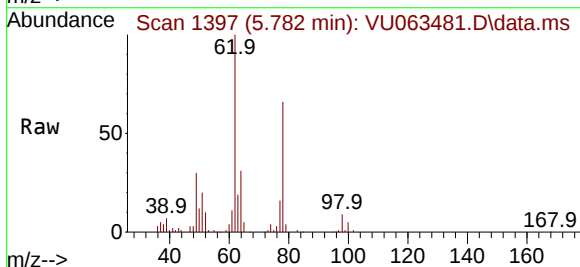
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

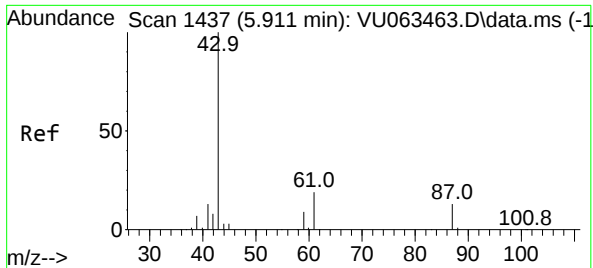
Tgt Ion:	41	Resp:	72349
Ion	Ratio	Lower	Upper
41	100		
39	54.4	43.6	65.4
67	75.9	62.8	94.2
52	30.9	26.2	39.2



#42
1,2-Dichloroethane
Concen: 52.533 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion:	62	Resp:	102354
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.6

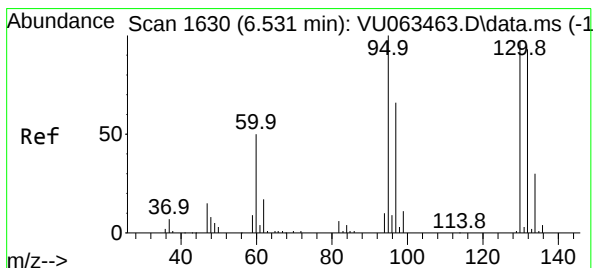
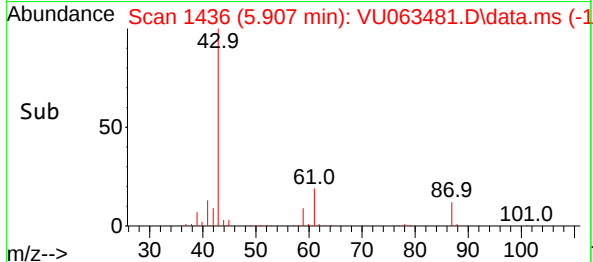
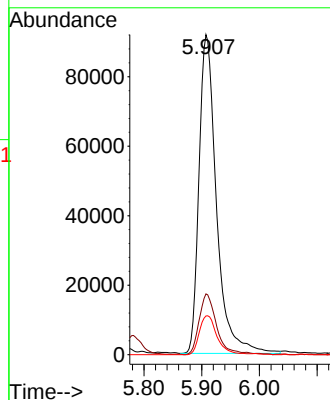
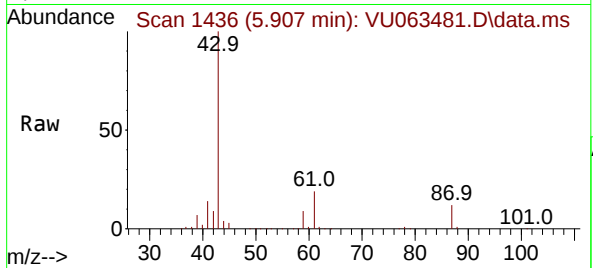




#43
Isopropyl Acetate
Concen: 54.059 ug/l
RT: 5.907 min Scan# 1436
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

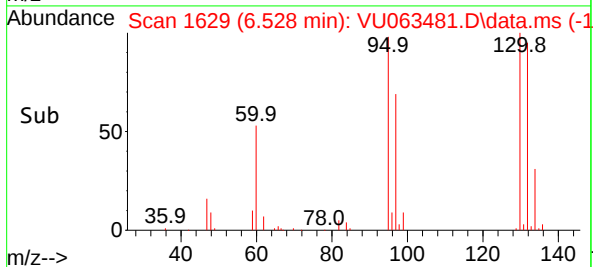
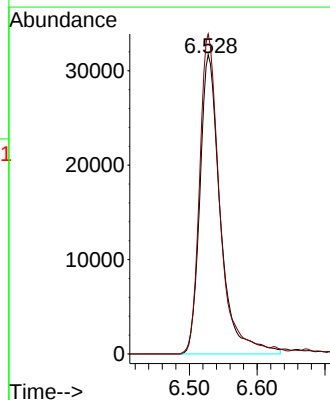
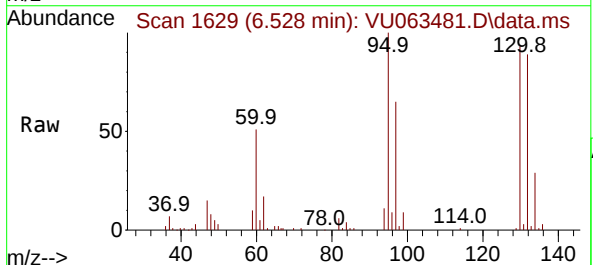
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

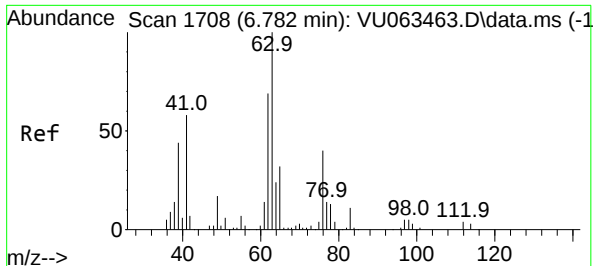
Tgt Ion: 43 Resp: 192941
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.2
87 12.3 10.5 15.7



#44
Trichloroethene
Concen: 47.987 ug/l
RT: 6.528 min Scan# 1629
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 130 Resp: 66540
Ion Ratio Lower Upper
130 100
95 107.0 0.0 206.4





#45

1,2-Dichloropropane

Concen: 50.174 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

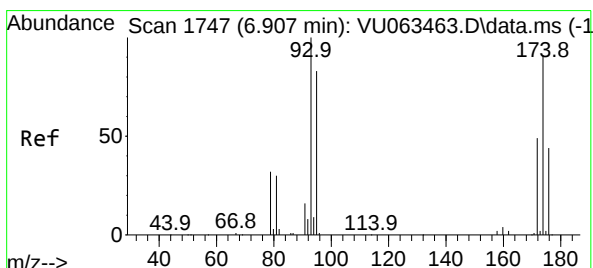
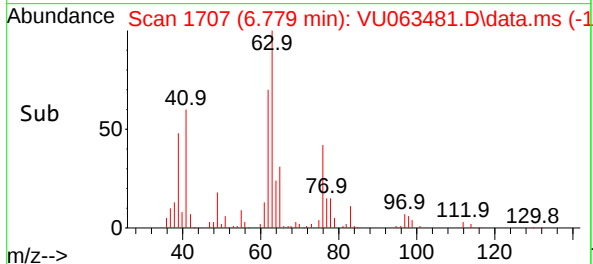
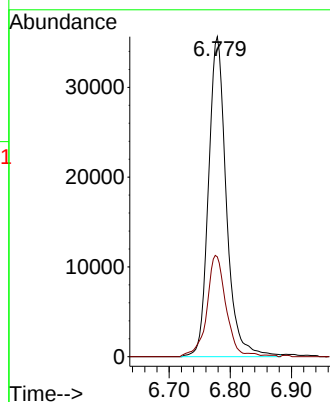
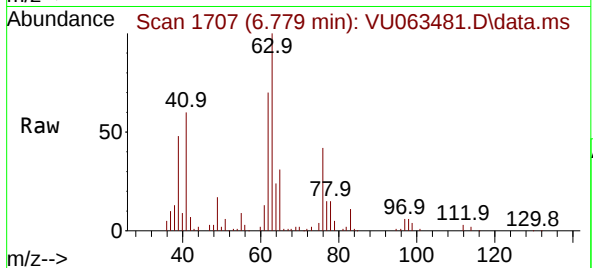
VSTDCCC050EC

Tgt Ion: 63 Resp: 72273

Ion Ratio Lower Upper

63 100

65 31.2 25.3 37.9



#46

Dibromomethane

Concen: 51.901 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

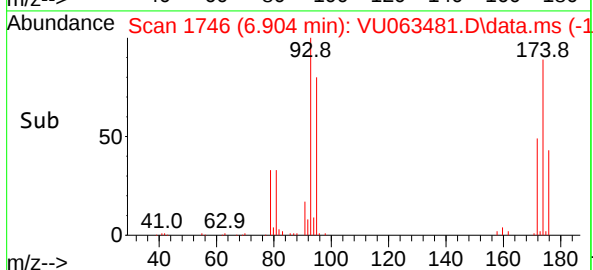
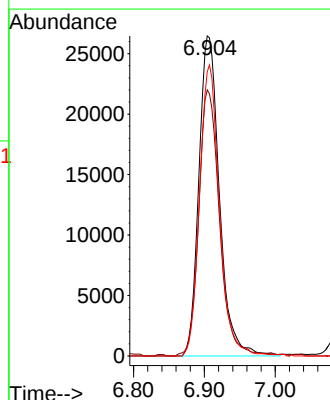
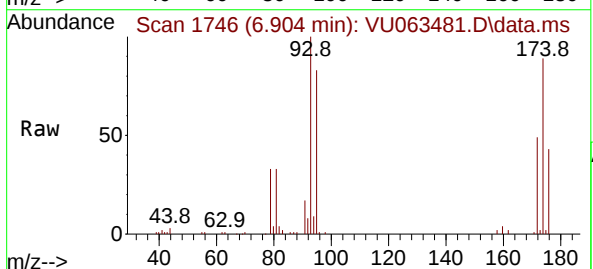
Tgt Ion: 93 Resp: 53192

Ion Ratio Lower Upper

93 100

95 83.6 67.5 101.3

174 87.5 73.1 109.7





#47

Bromodichloromethane

Concen: 49.990 ug/l

RT: 7.094 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

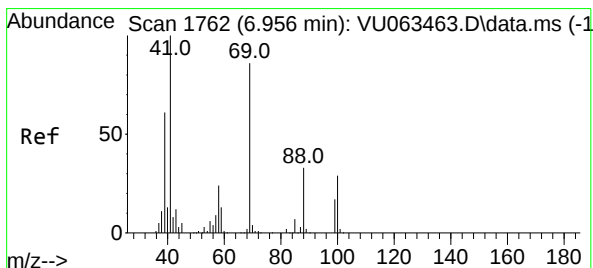
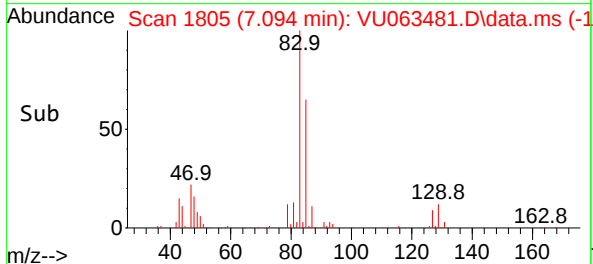
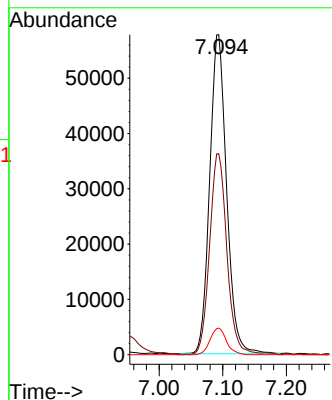
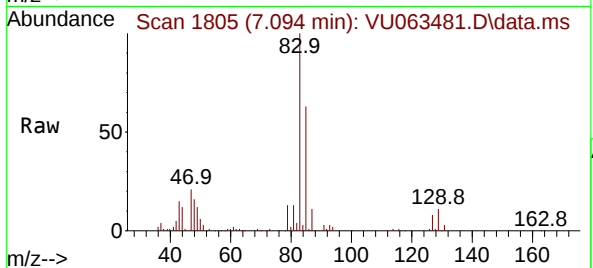
Tgt Ion: 83 Resp: 106533

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 8.3 7.0 10.4



#48

Methyl methacrylate

Concen: 54.516 ug/l

RT: 6.952 min Scan# 1761

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

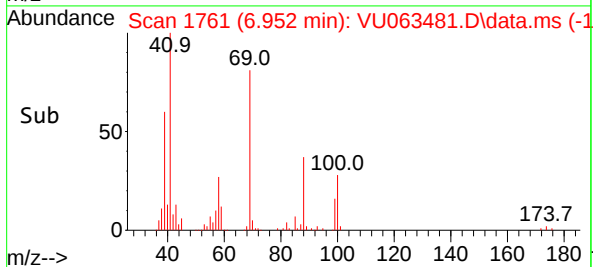
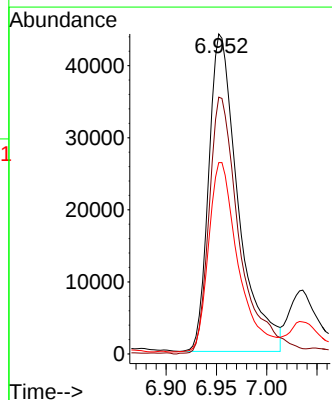
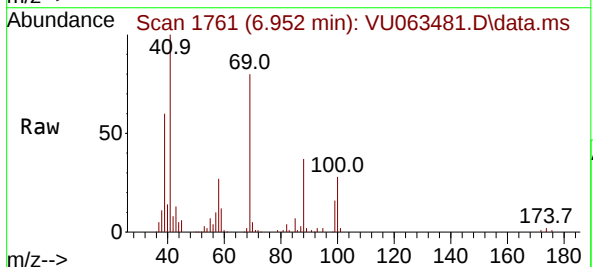
Tgt Ion: 41 Resp: 89928

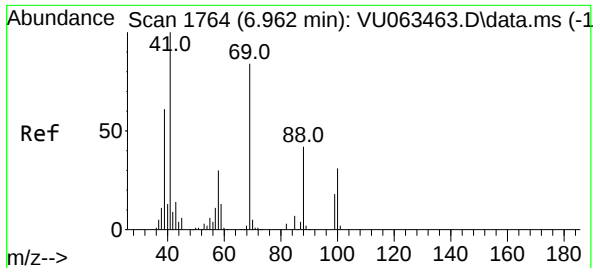
Ion Ratio Lower Upper

41 100

69 84.1 69.8 104.8

39 59.8 48.3 72.5

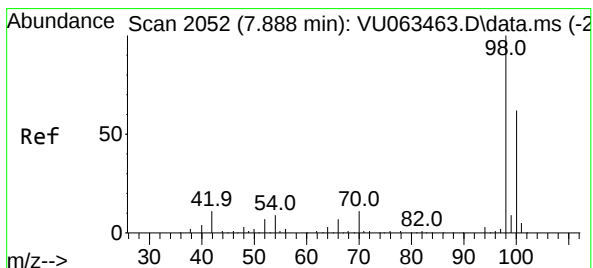
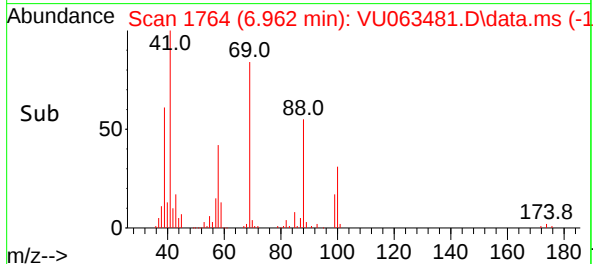
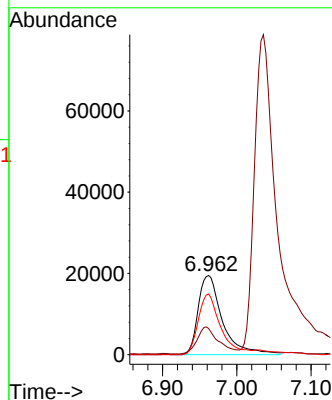
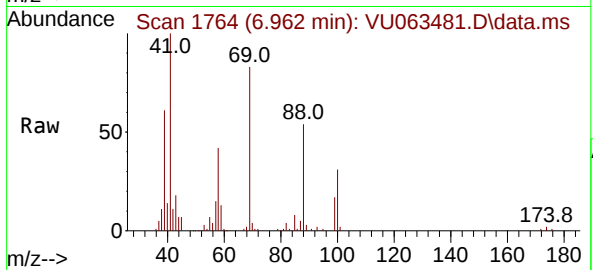




#49
1,4-Dioxane
Concen: 1223.853 ug/l
RT: 6.962 min Scan# 1764
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

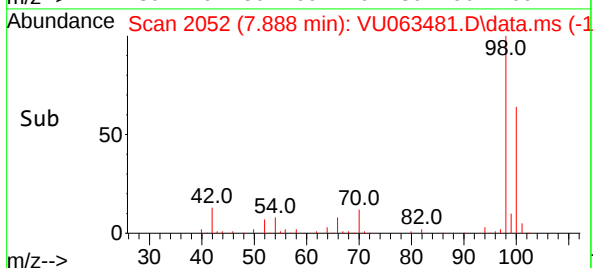
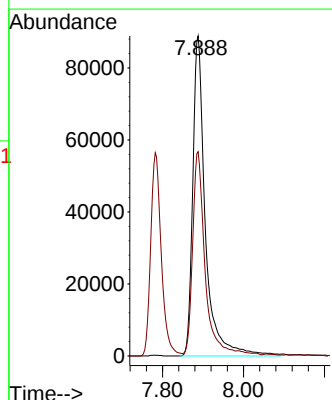
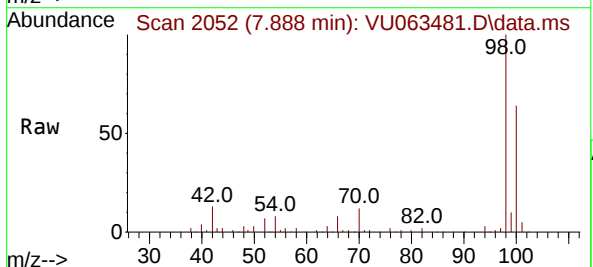
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

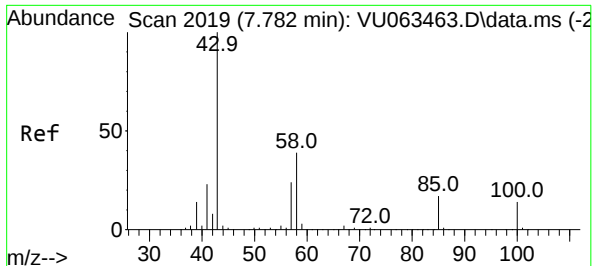
Tgt Ion: 88 Resp: 44301
Ion Ratio Lower Upper
88 100
43 30.3 25.6 38.4
58 70.2 55.0 82.6



#50
Toluene-d8
Concen: 48.320 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 98 Resp: 192324
Ion Ratio Lower Upper
98 100
100 59.5 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 278.482 ug/l

RT: 7.782 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

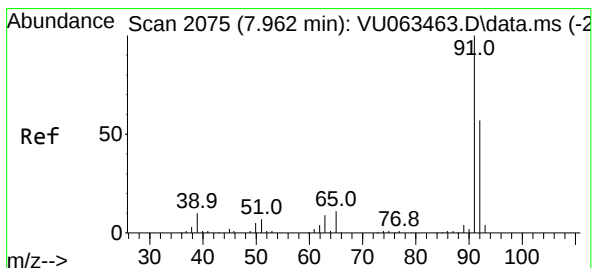
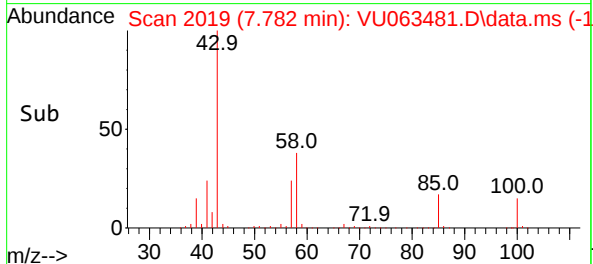
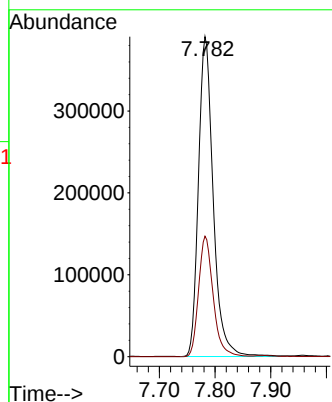
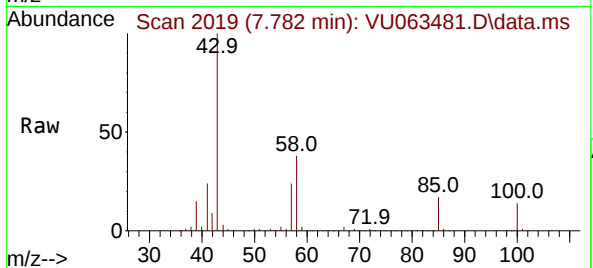
VSTDCCC050EC

Tgt Ion: 43 Resp: 719386

Ion Ratio Lower Upper

43 100

58 37.3 31.0 46.4



#52

Toluene

Concen: 49.044 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU063481.D

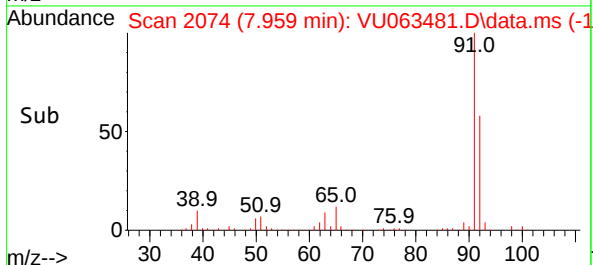
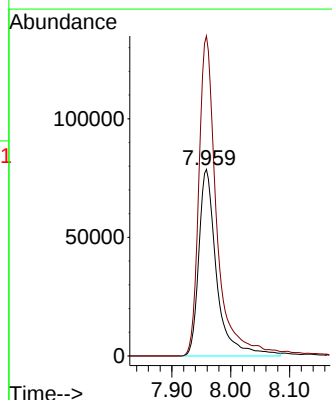
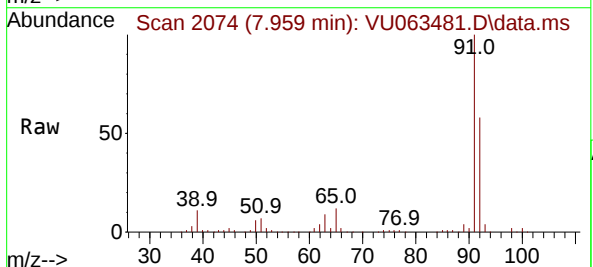
Acq: 10 Jul 2025 15:59

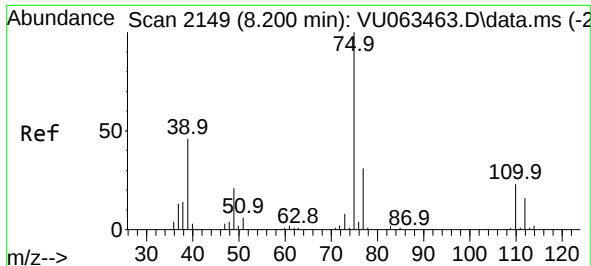
Tgt Ion: 92 Resp: 166218

Ion Ratio Lower Upper

92 100

91 170.9 144.5 216.7

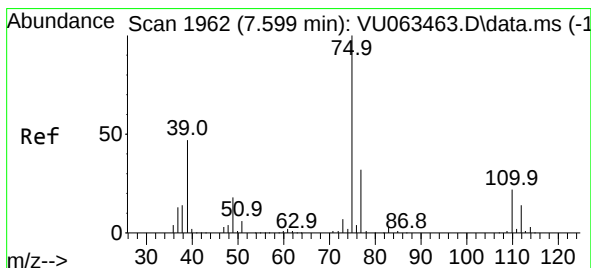
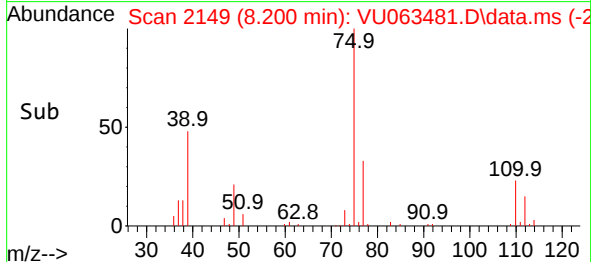
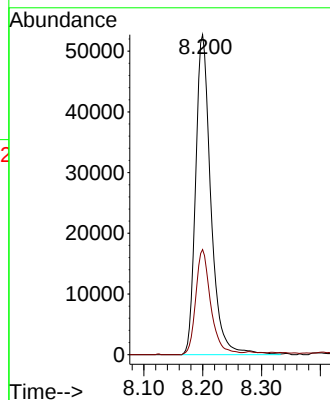
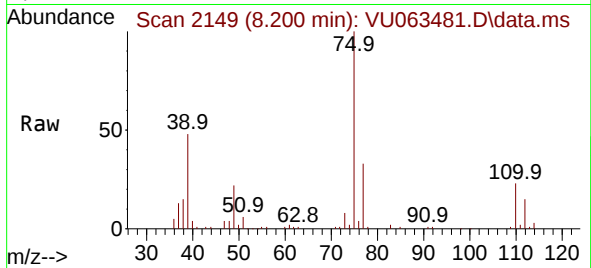




#53
 t-1,3-Dichloropropene
 Concen: 50.811 ug/l
 RT: 8.200 min Scan# 2149
 Delta R.T. -0.000 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

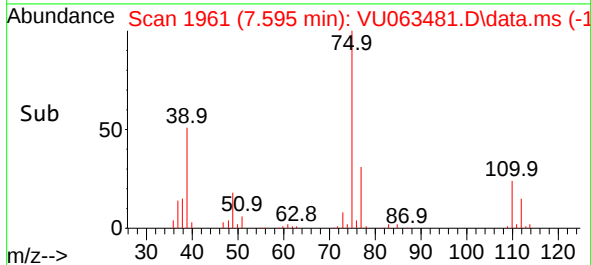
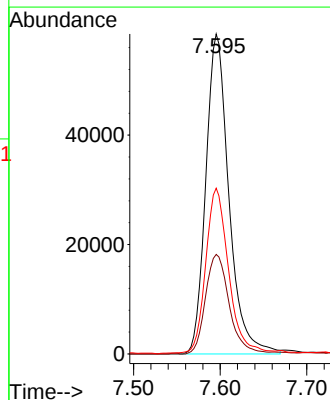
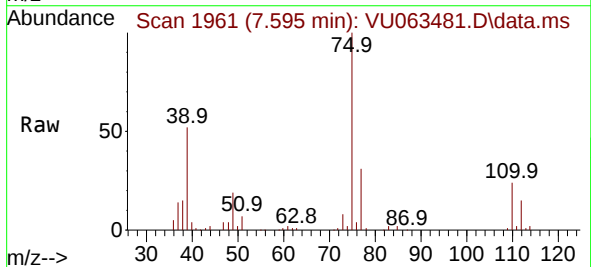
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

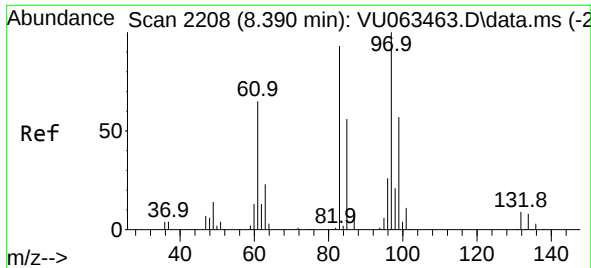
Tgt Ion: 75 Resp: 94754
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 51.904 ug/l
 RT: 7.595 min Scan# 1961
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion: 75 Resp: 108354
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.4 38.0
 39 51.4 37.2 55.8

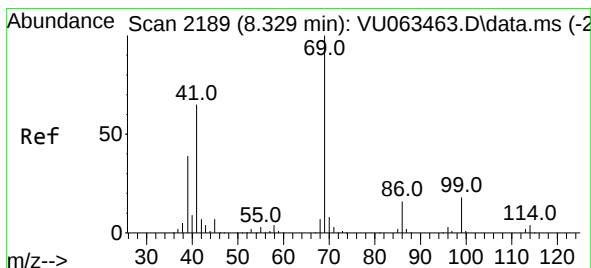
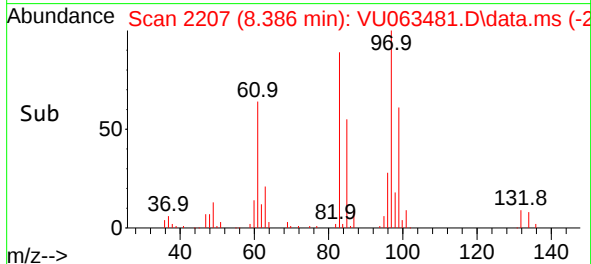
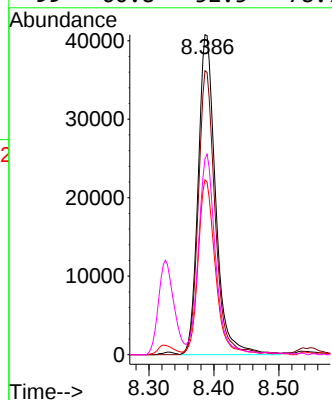
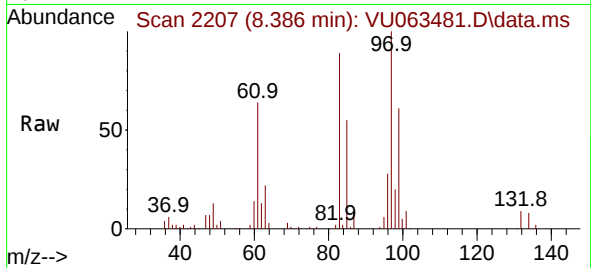




#55
1,1,2-Trichloroethane
Concen: 53.160 ug/l
RT: 8.386 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

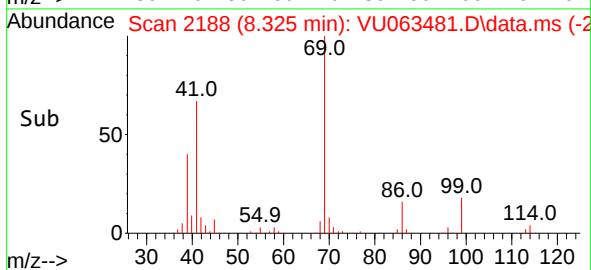
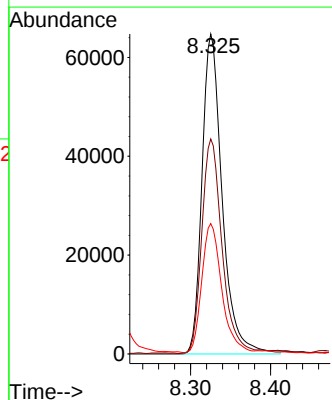
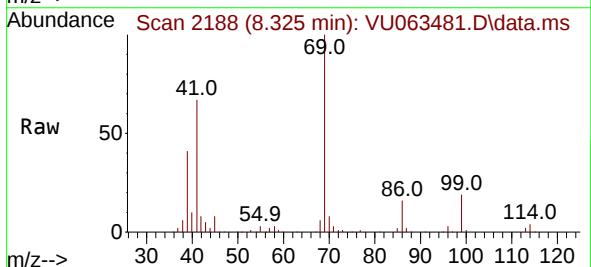
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

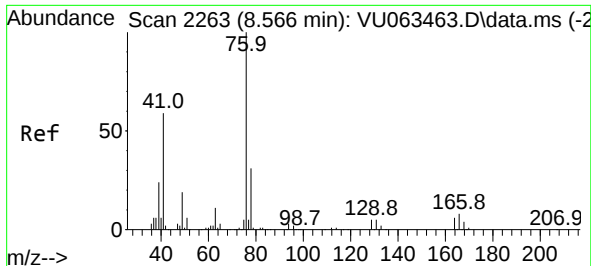
Tgt Ion: 97	Resp: 76514
Ion Ratio	Lower Upper
97 100	
83 88.8	74.2 111.4
85 54.2	45.8 68.8
99 60.8	52.5 78.7



#56
Ethyl methacrylate
Concen: 49.023 ug/l
RT: 8.325 min Scan# 2188
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 69	Resp: 113821
Ion Ratio	Lower Upper
69 100	
41 67.6	53.0 79.6
39 39.6	31.0 46.4

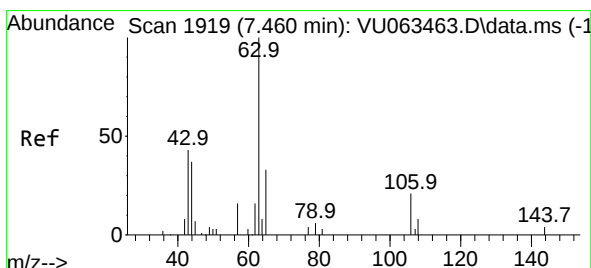
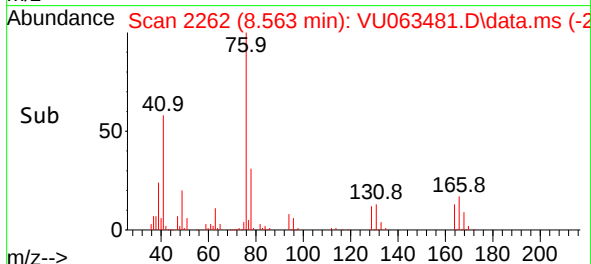
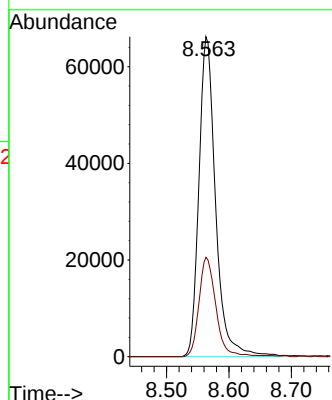
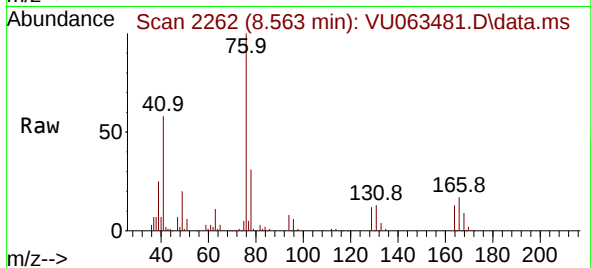




#57
1,3-Dichloropropane
Concen: 51.747 ug/l
RT: 8.563 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

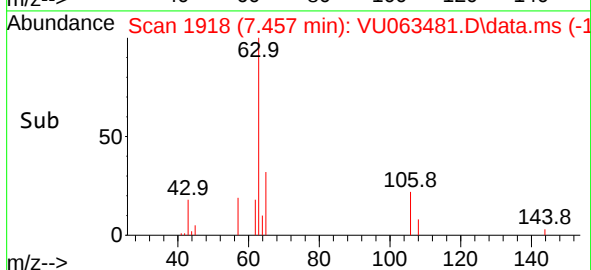
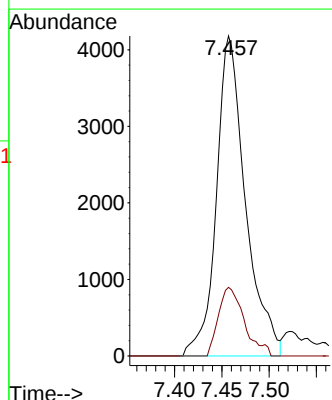
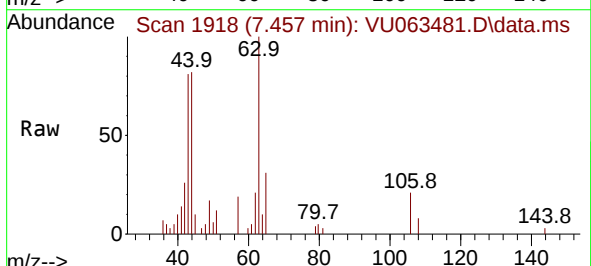
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

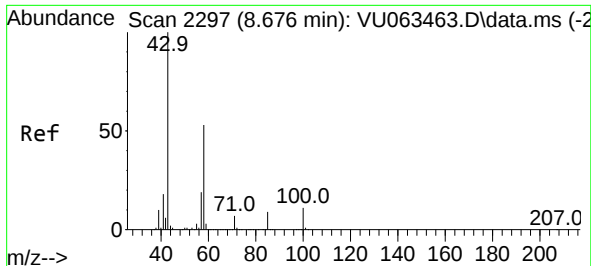
Tgt Ion: 76 Resp: 122770
Ion Ratio Lower Upper
76 100
78 31.5 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 370.601 ug/l
RT: 7.457 min Scan# 1918
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 63 Resp: 8935
Ion Ratio Lower Upper
63 100
106 19.1 11.5 17.3#

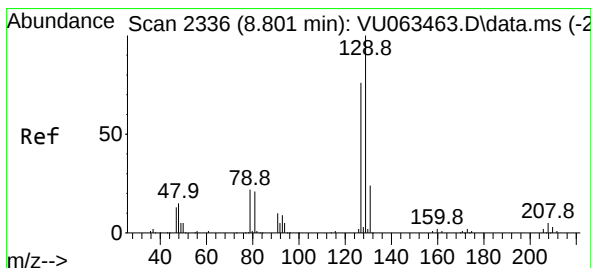
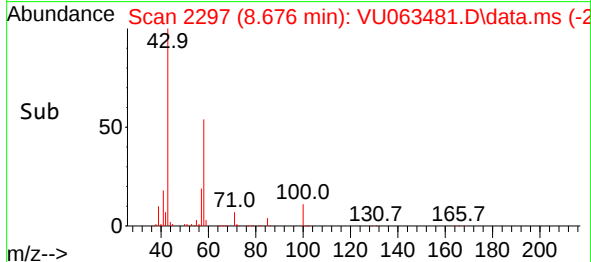
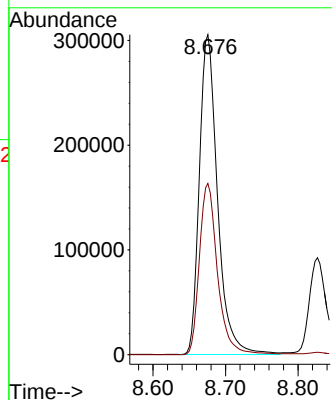
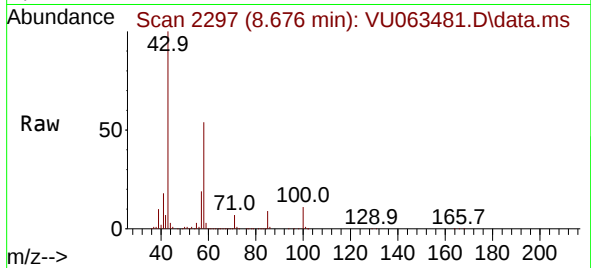




#59
2-Hexanone
Concen: 271.877 ug/l
RT: 8.676 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

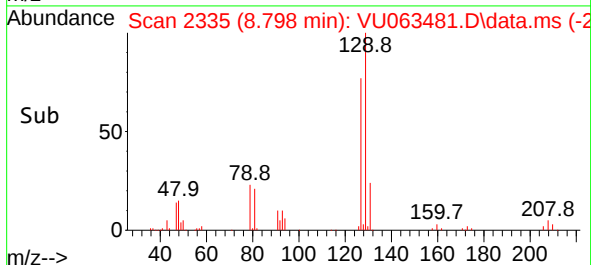
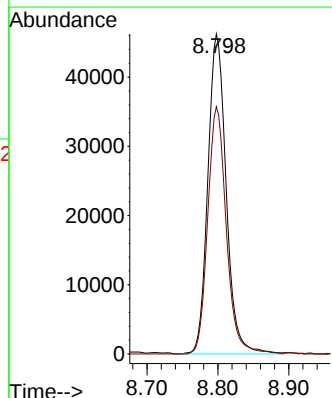
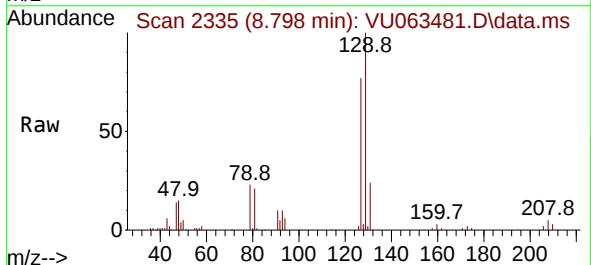
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

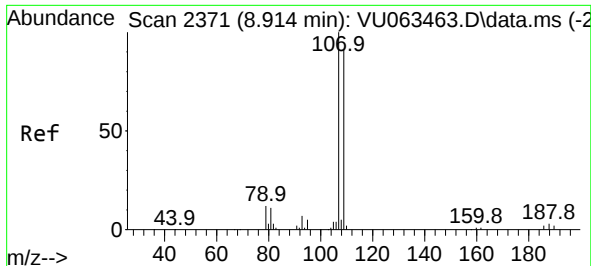
Tgt Ion: 43 Resp: 531211
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.7



#60
Dibromochloromethane
Concen: 51.539 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 129 Resp: 83101
Ion Ratio Lower Upper
129 100
127 78.2 39.1 117.2

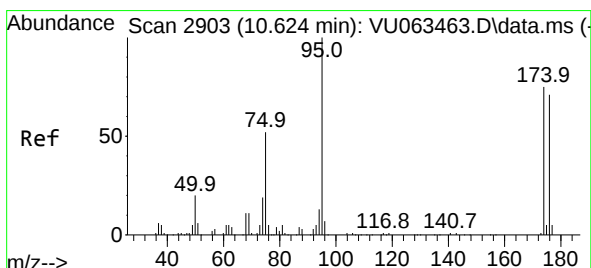
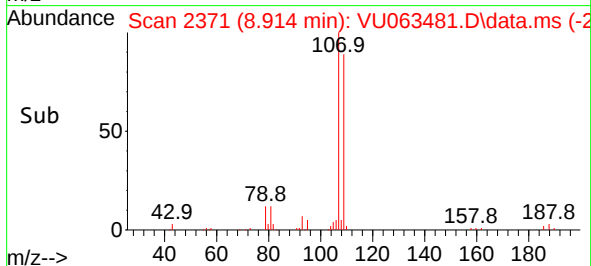
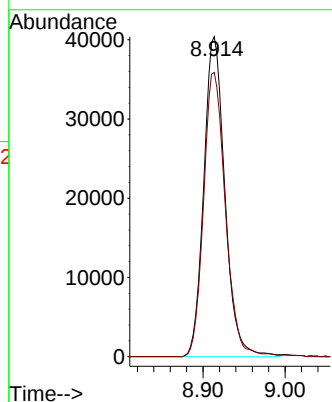
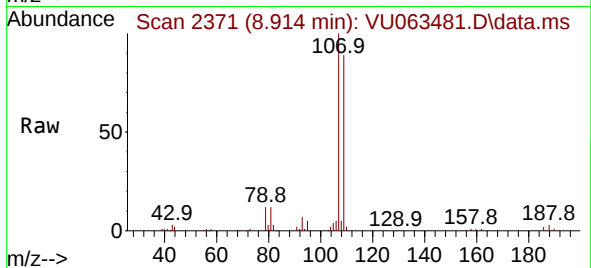




#61
1,2-Dibromoethane
Concen: 51.028 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

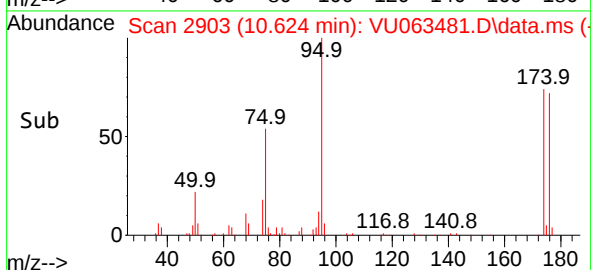
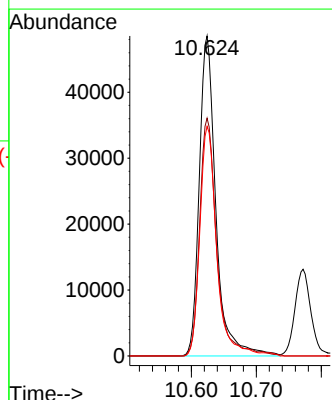
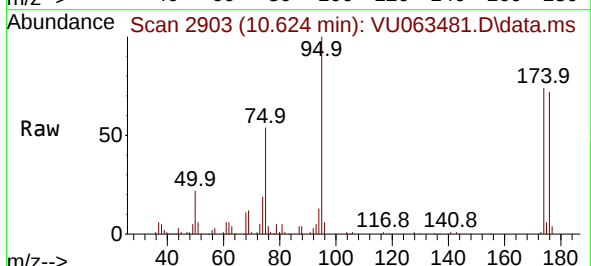
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

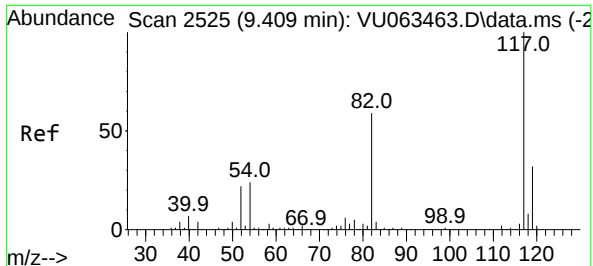
Tgt Ion:107 Resp: 72086
Ion Ratio Lower Upper
107 100
109 91.5 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 49.792 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 95 Resp: 86687
Ion Ratio Lower Upper
95 100
174 75.6 0.0 153.6
176 72.6 0.0 145.8

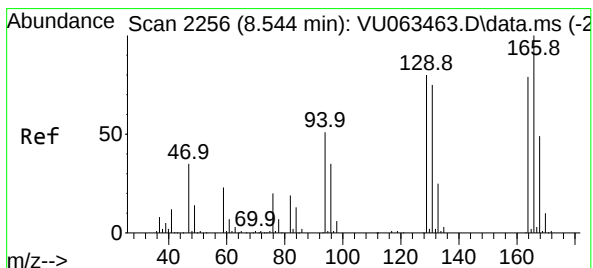
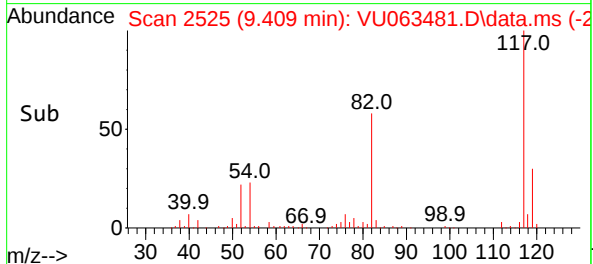
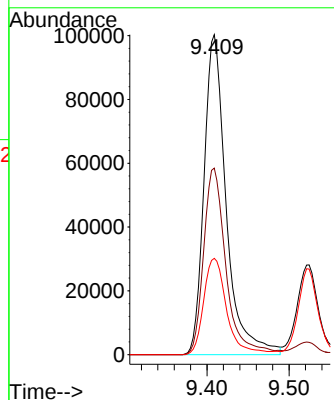
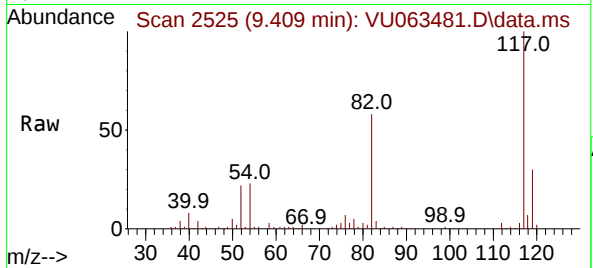




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

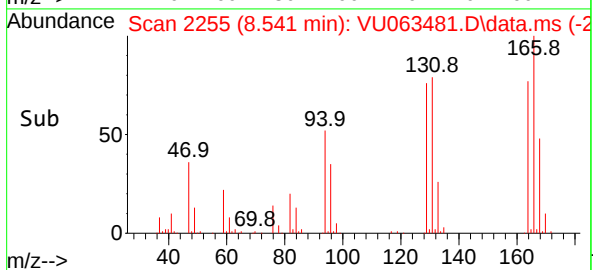
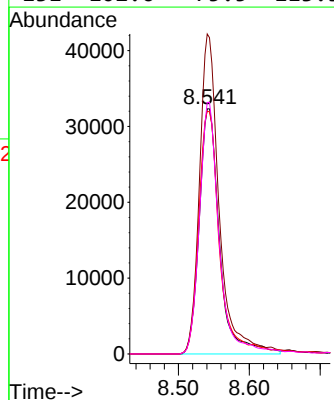
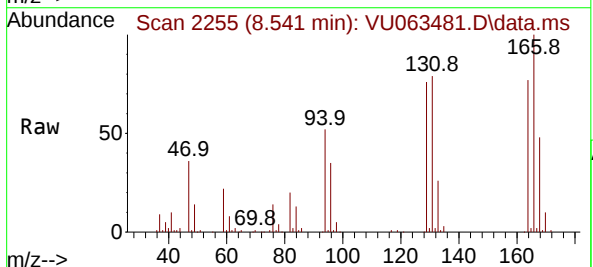
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

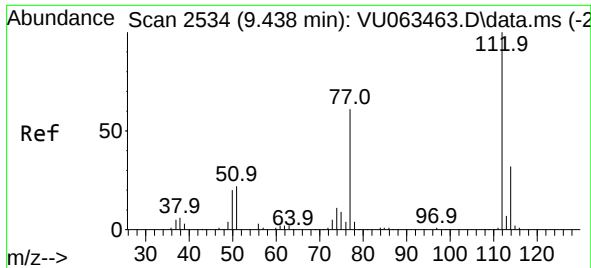
Tgt Ion:117 Resp: 188380
Ion Ratio Lower Upper
117 100
82 58.3 47.1 70.7
119 30.1 25.4 38.0



#64
Tetrachloroethene
Concen: 45.804 ug/l
RT: 8.541 min Scan# 2255
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion:164 Resp: 64234
Ion Ratio Lower Upper
164 100
166 130.5 100.9 151.3
129 99.1 80.9 121.3
131 102.6 75.5 113.3

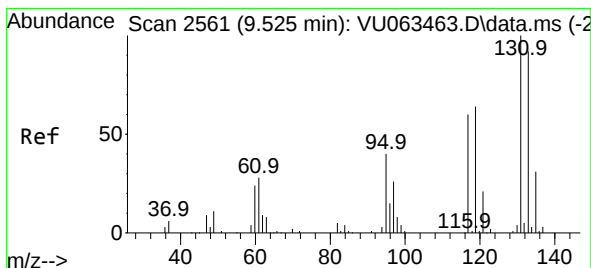
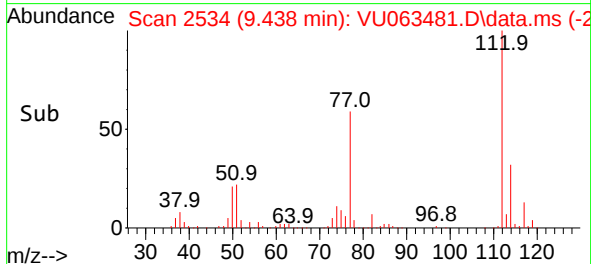
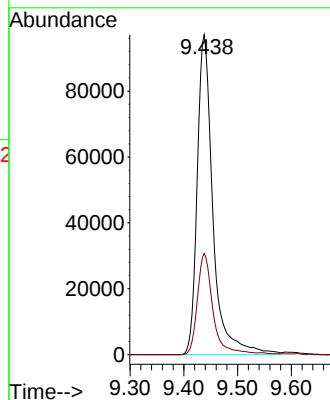
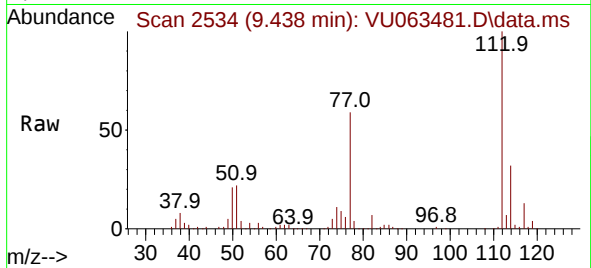




#65
Chlorobenzene
Concen: 50.464 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

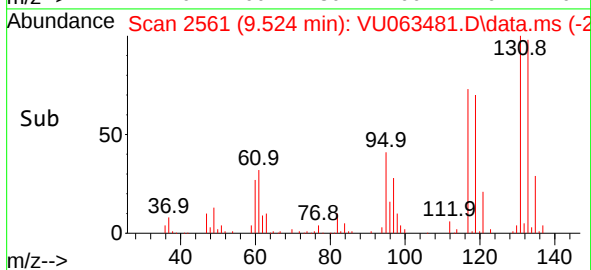
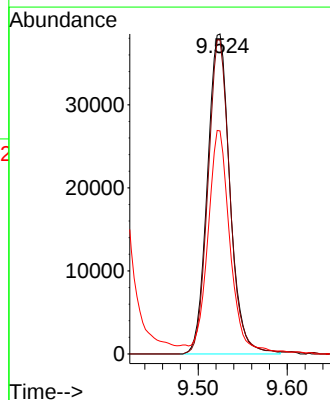
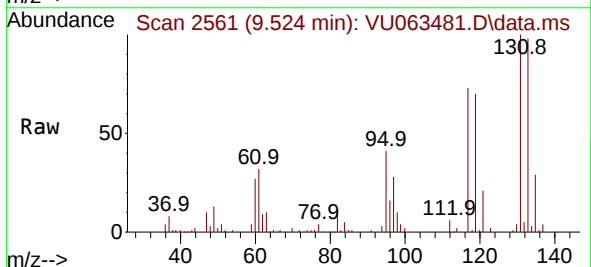
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

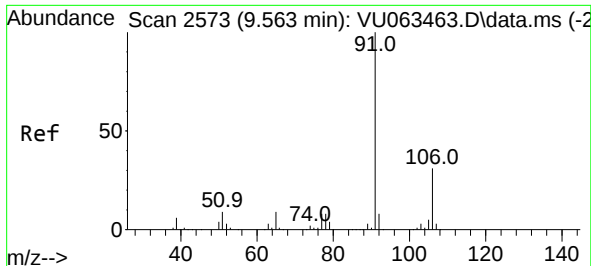
Tgt Ion:112 Resp: 197781
Ion Ratio Lower Upper
112 100
114 31.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.261 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion:131 Resp: 67556
Ion Ratio Lower Upper
131 100
133 96.1 46.4 139.2
119 66.3 33.3 99.9





#67

Ethyl Benzene

Concen: 48.458 ug/l

RT: 9.560 min Scan# 210

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

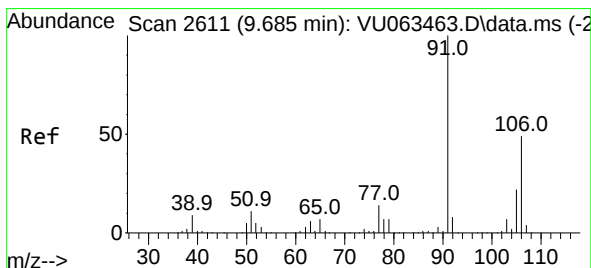
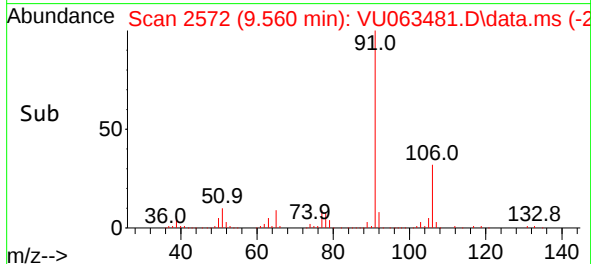
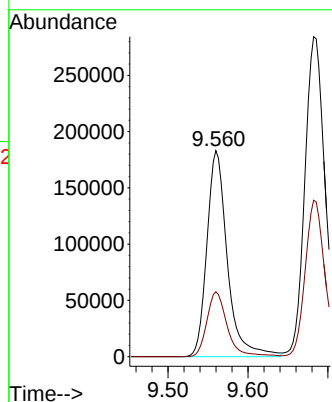
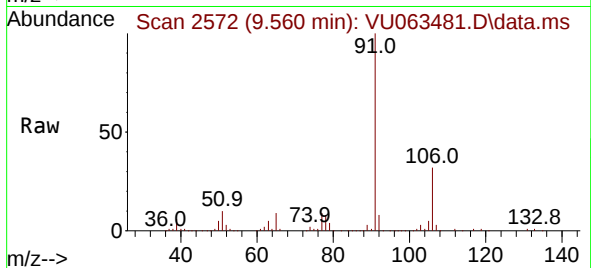
VSTDCCC050EC

Tgt Ion: 91 Resp: 326410

Ion Ratio Lower Upper

91 100

106 31.6 24.5 36.7



#68

m/p-Xylenes

Concen: 96.805 ug/l

RT: 9.682 min Scan# 2610

Delta R.T. -0.003 min

Lab File: VU063481.D

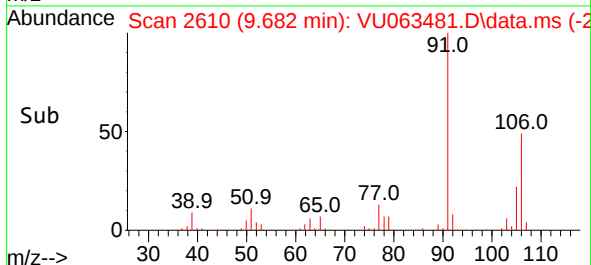
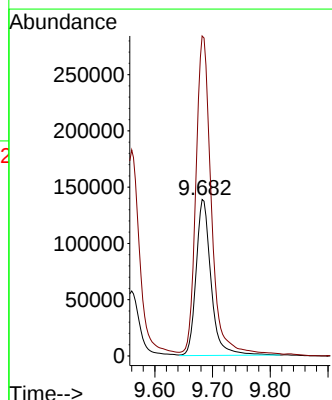
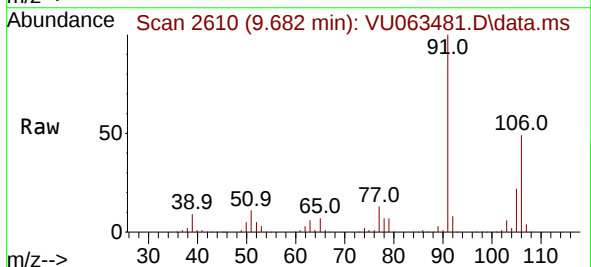
Acq: 10 Jul 2025 15:59

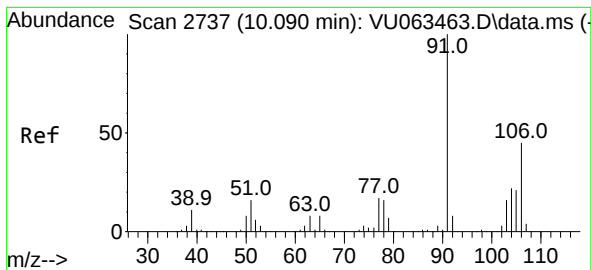
Tgt Ion:106 Resp: 248862

Ion Ratio Lower Upper

106 100

91 210.8 163.6 245.4





#69

o-Xylene

Concen: 49.030 ug/l

RT: 10.090 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

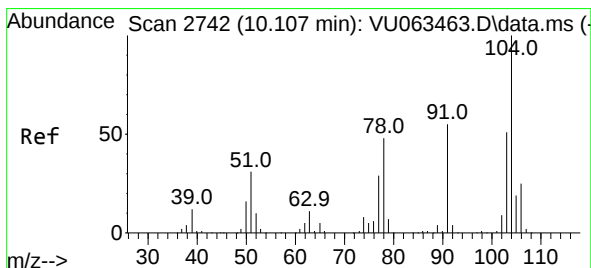
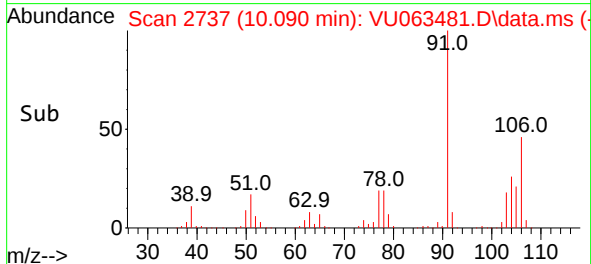
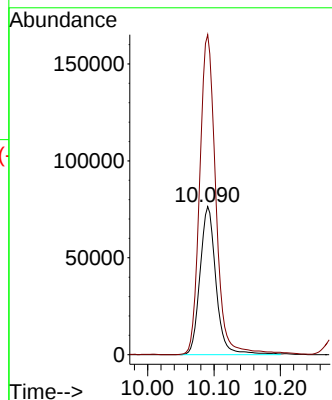
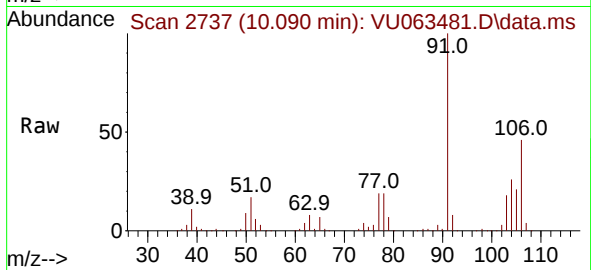
VSTDCCC050EC

Tgt Ion:106 Resp: 128147

Ion Ratio Lower Upper

106 100

91 219.1 110.7 331.9



#70

Styrene

Concen: 50.853 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

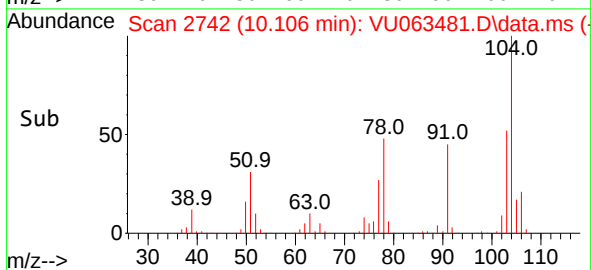
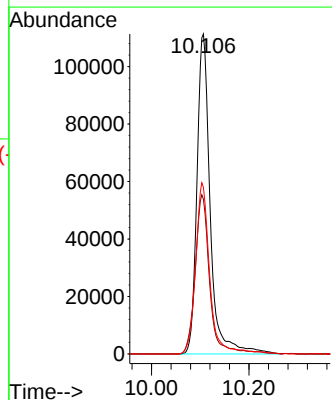
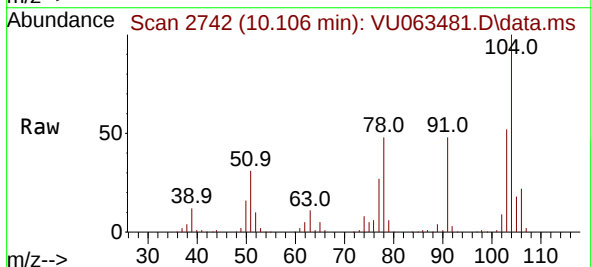
Tgt Ion:104 Resp: 211333

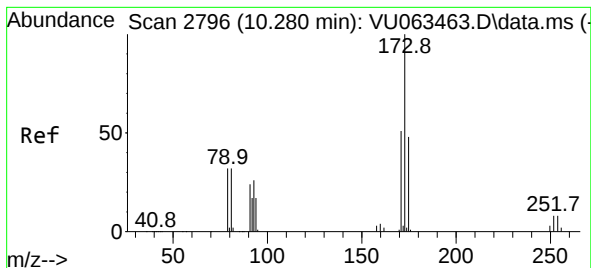
Ion Ratio Lower Upper

104 100

78 53.7 41.4 62.0

103 57.1 44.3 66.5





#71

Bromoform

Concen: 49.580 ug/l

RT: 10.280 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

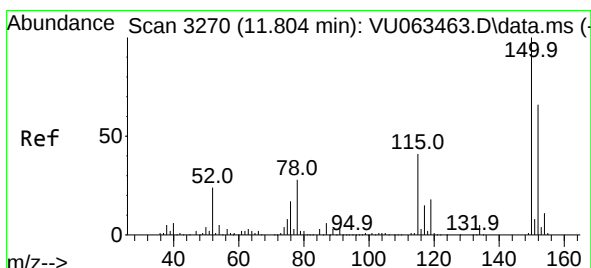
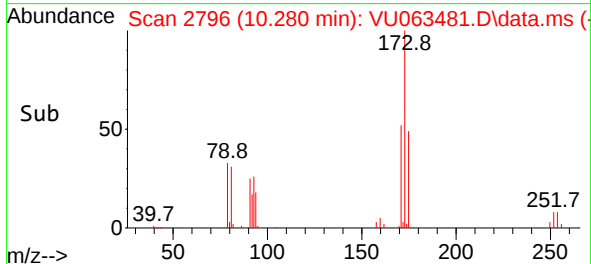
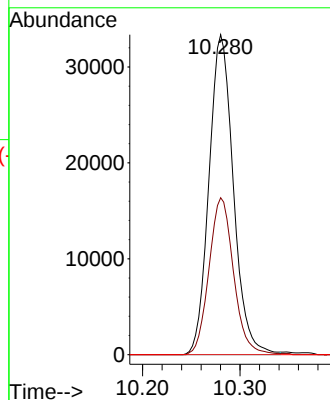
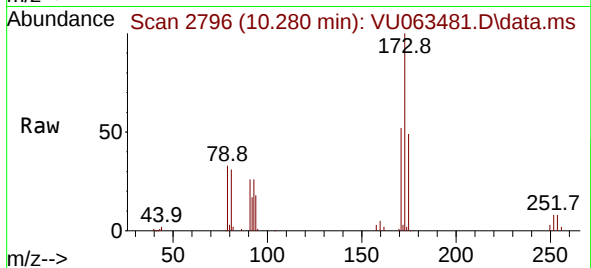
Tgt Ion:173 Resp: 58086

Ion Ratio Lower Upper

173 100

175 49.3 24.0 72.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.801 min Scan# 3269

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

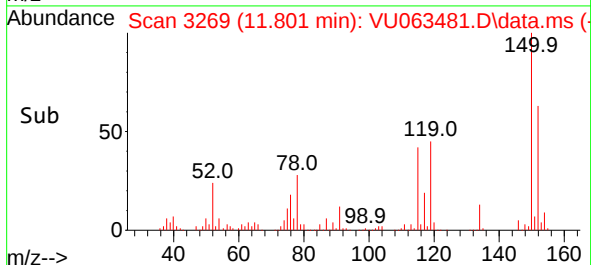
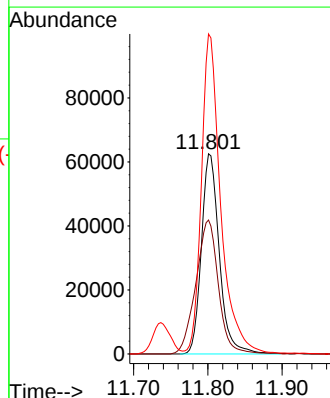
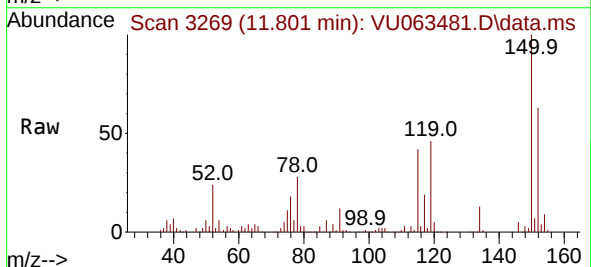
Tgt Ion:152 Resp: 104728

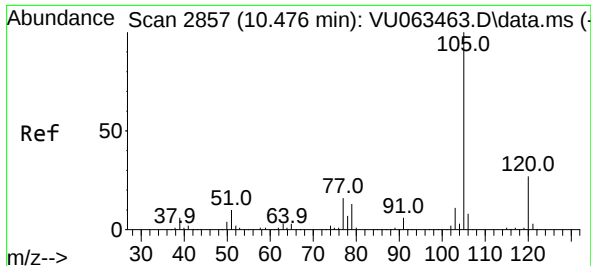
Ion Ratio Lower Upper

152 100

115 84.0 43.4 130.2

150 171.9 0.0 341.4

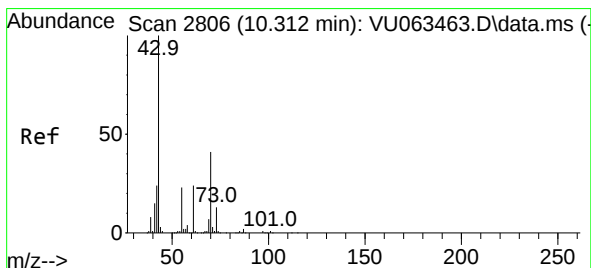
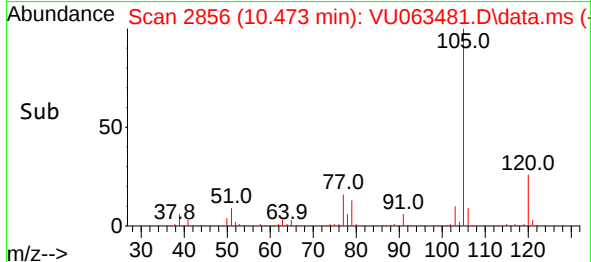
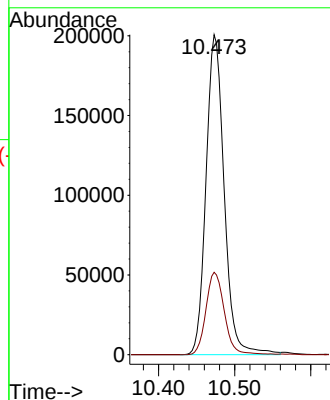
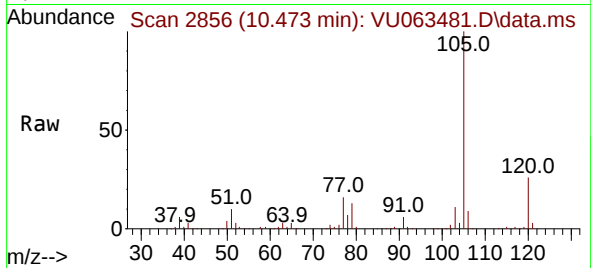




#73
Isopropylbenzene
Concen: 46.747 ug/l
RT: 10.473 min Scan# 2856
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

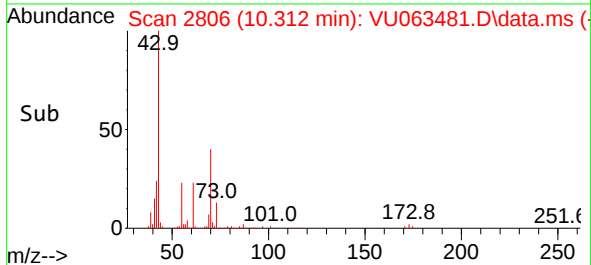
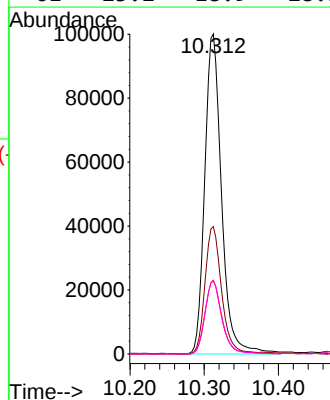
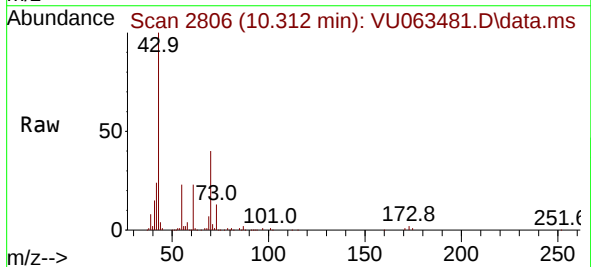
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

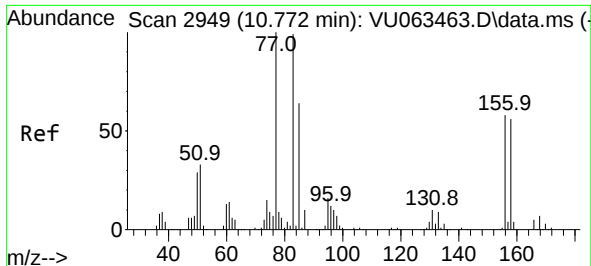
Tgt Ion:105 Resp: 333116
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 49.206 ug/l
RT: 10.312 min Scan# 2806
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 43 Resp: 157247
Ion Ratio Lower Upper
43 100
70 39.2 32.6 48.8
55 23.1 18.6 27.8
61 23.2 18.9 28.3

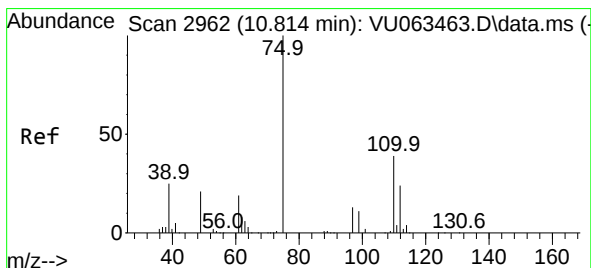
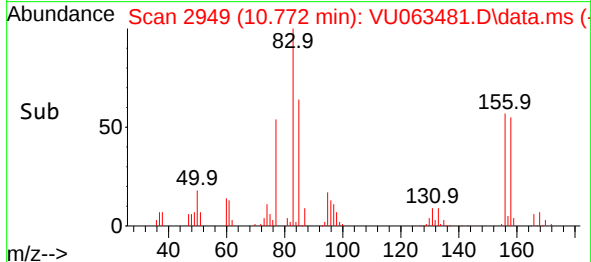
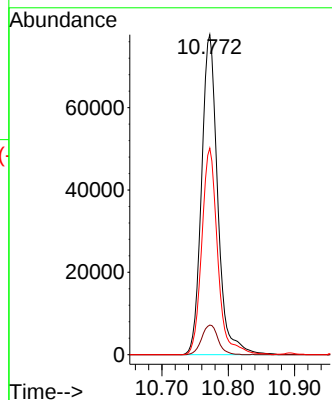
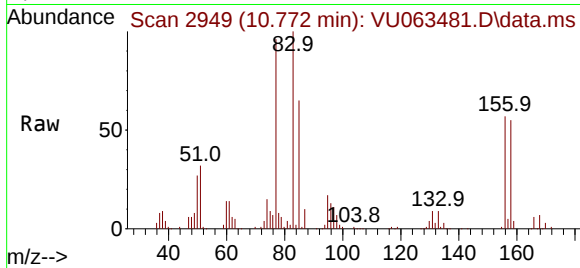




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.255 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

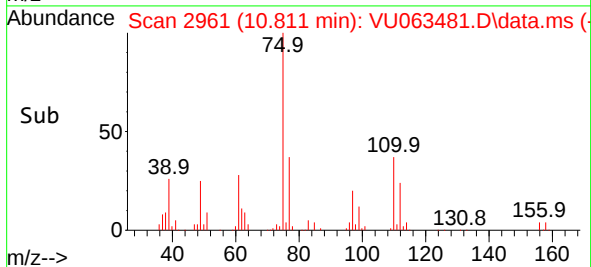
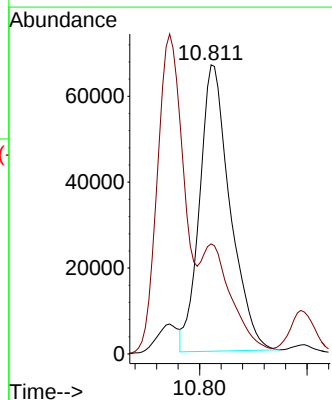
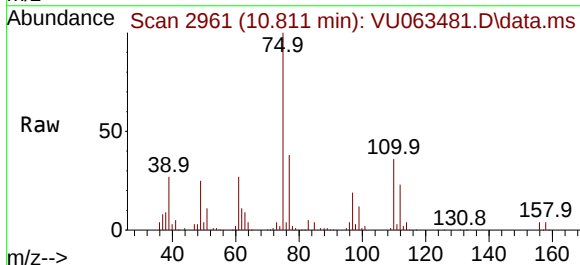
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

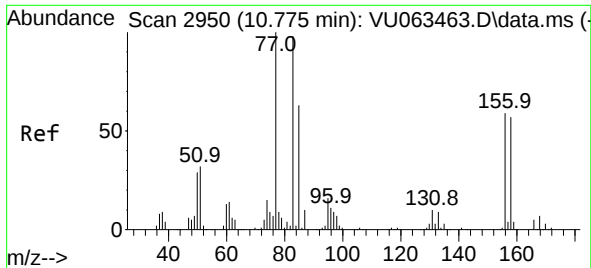
Tgt Ion: 83 Resp: 131820
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.8 14.3
 85 63.6 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 47.398 ug/l
 RT: 10.811 min Scan# 2961
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion: 75 Resp: 131535
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

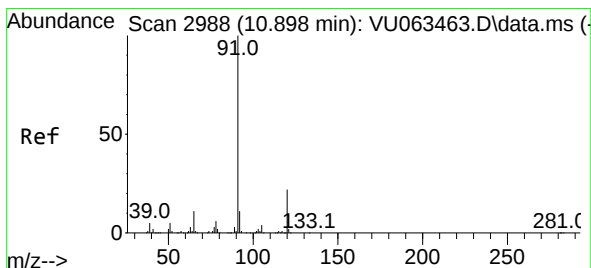
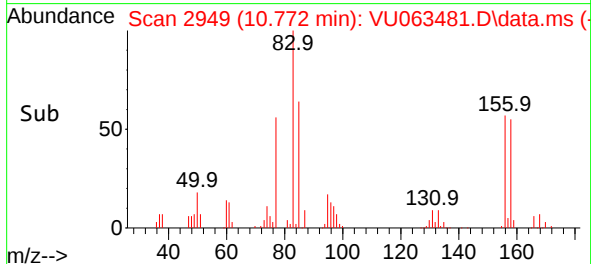
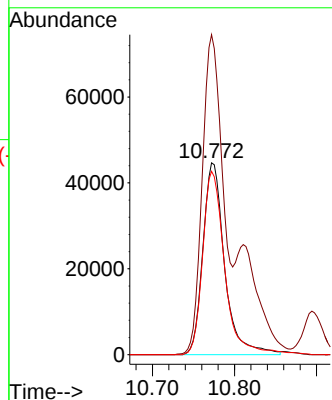
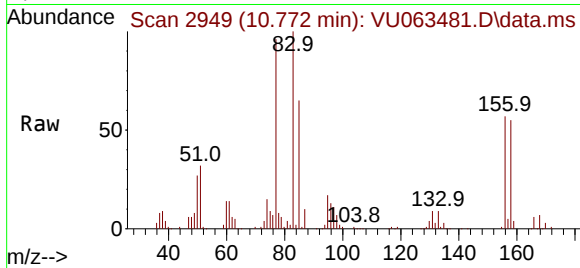




#77
Bromobenzene
Concen: 47.078 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

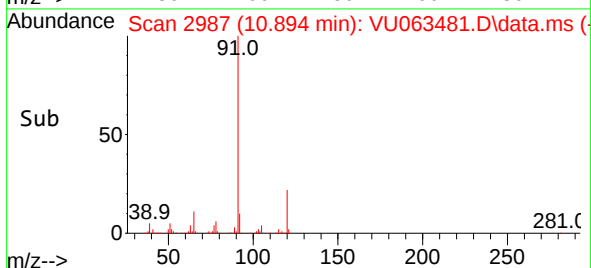
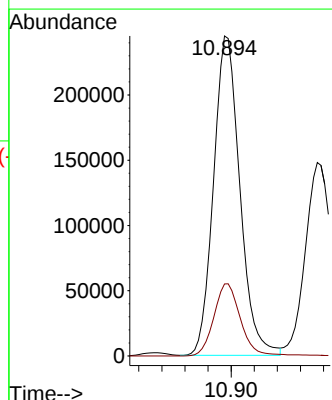
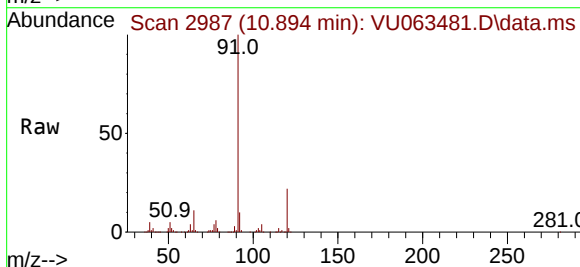
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

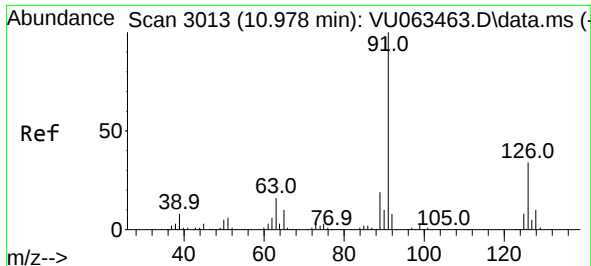
Tgt Ion:156 Resp: 82233
Ion Ratio Lower Upper
156 100
77 157.5 78.2 234.6
158 97.4 46.8 140.4



#78
n-propylbenzene
Concen: 46.939 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 91 Resp: 387912
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

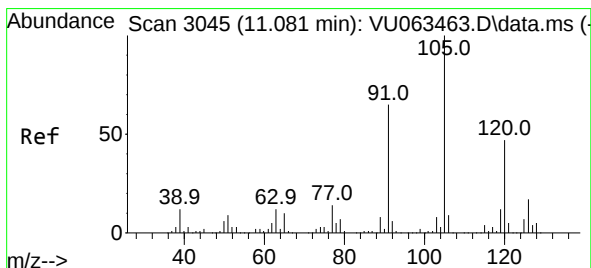
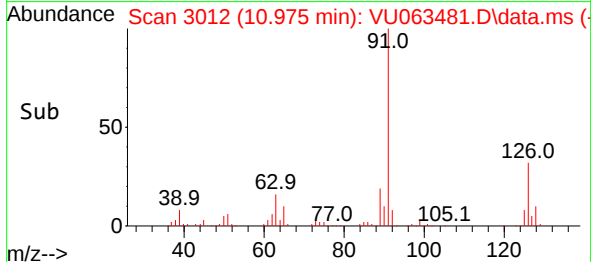
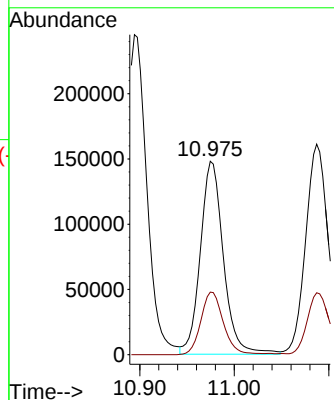
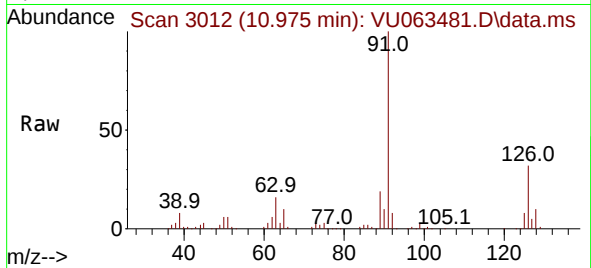




#79
2-Chlorotoluene
Concen: 48.456 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

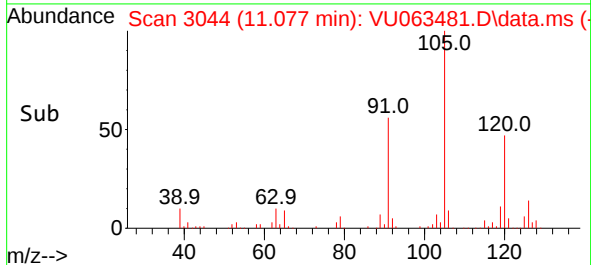
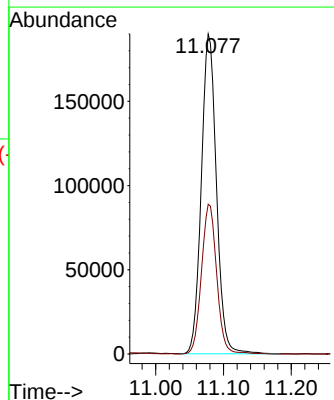
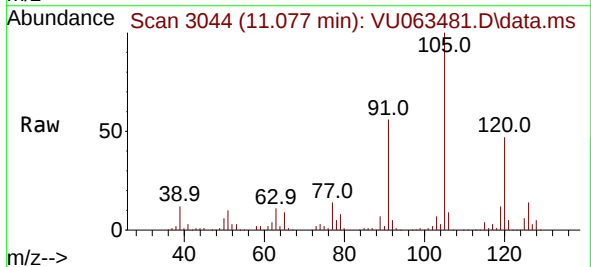
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

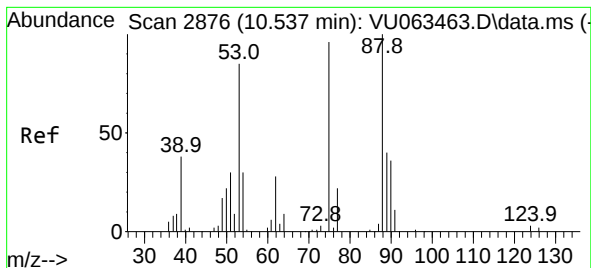
Tgt Ion: 91 Resp: 251149
Ion Ratio Lower Upper
91 100
126 31.6 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 47.165 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 105 Resp: 293973
Ion Ratio Lower Upper
105 100
120 47.2 23.4 70.2

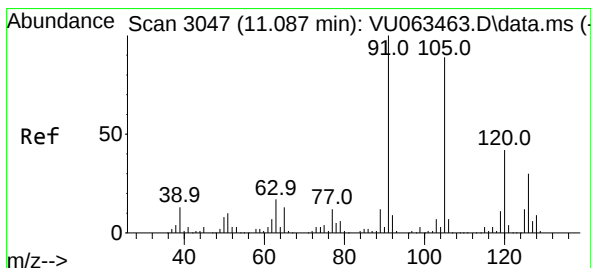
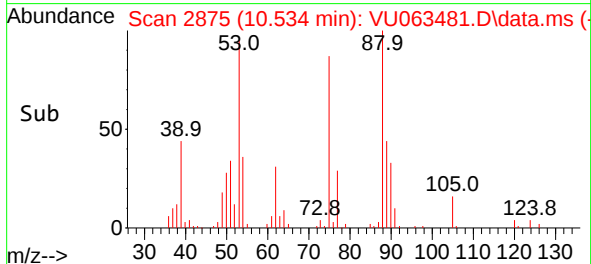
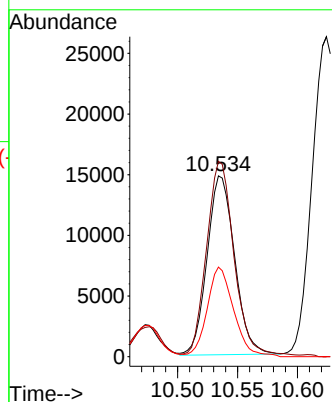
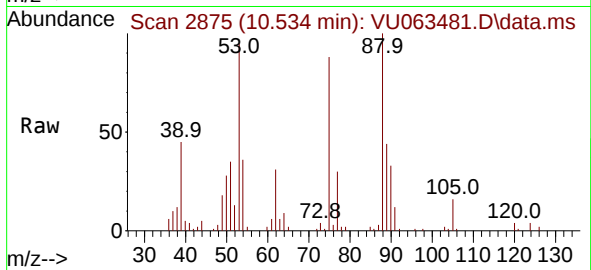




#81
trans-1,4-Dichloro-2-butene
Concen: 42.271 ug/l
RT: 10.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

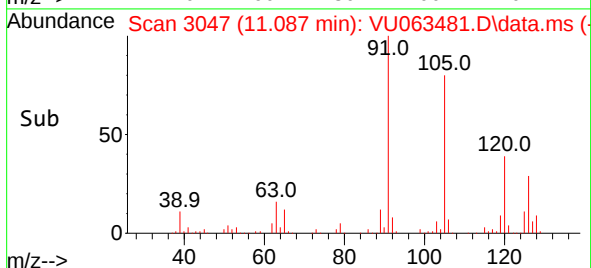
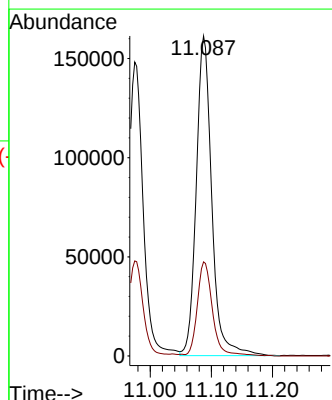
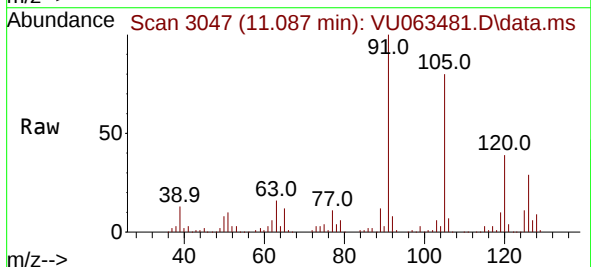
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

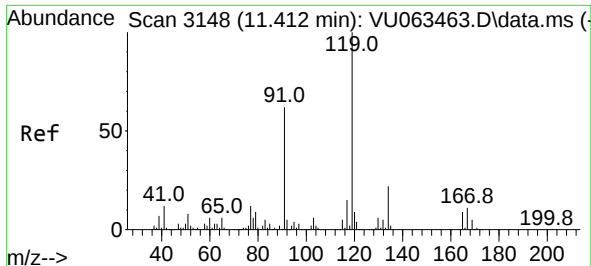
Tgt Ion: 75 Resp: 23520
Ion Ratio Lower Upper
75 100
53 107.9 74.6 111.8
89 48.2 36.3 54.5



#82
4-Chlorotoluene
Concen: 48.288 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 91 Resp: 284136
Ion Ratio Lower Upper
91 100
126 28.3 14.4 43.2

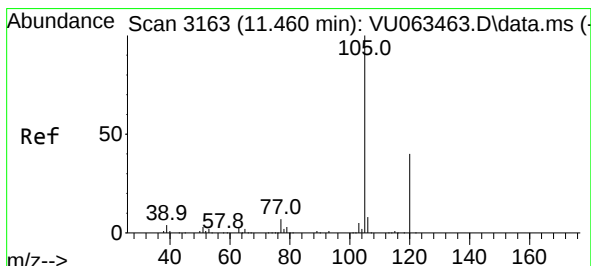
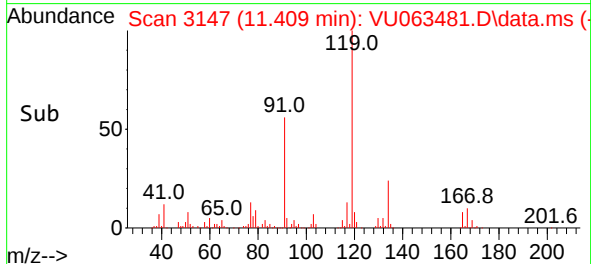
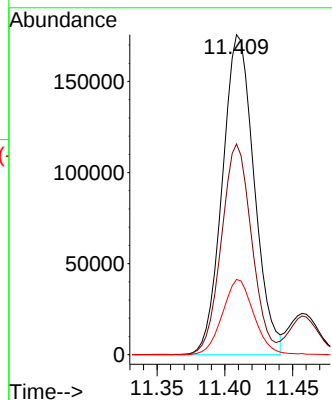
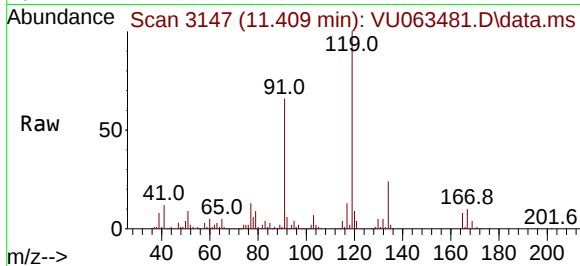




#83
 tert-Butylbenzene
 Concen: 47.972 ug/l
 RT: 11.409 min Scan# 3147
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

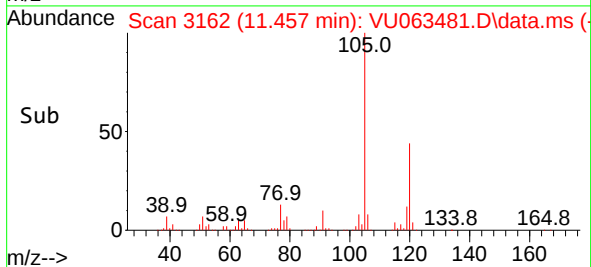
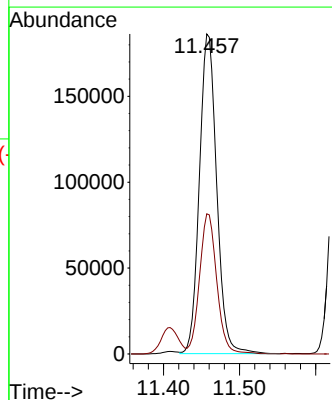
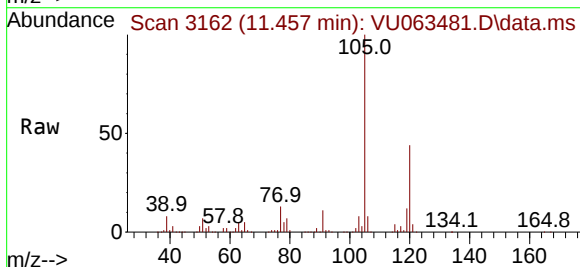
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

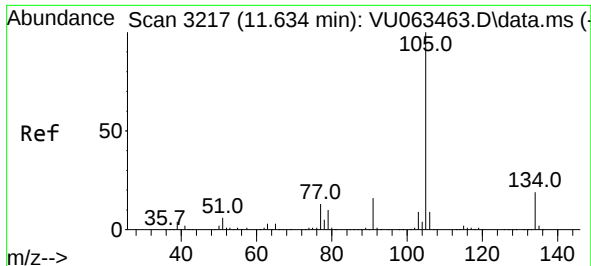
Tgt Ion:119 Resp: 286740
 Ion Ratio Lower Upper
 119 100
 91 62.7 30.3 91.0
 134 23.3 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 48.086 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion:105 Resp: 294313
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.1 66.3

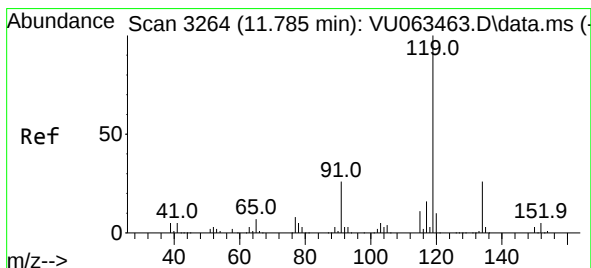
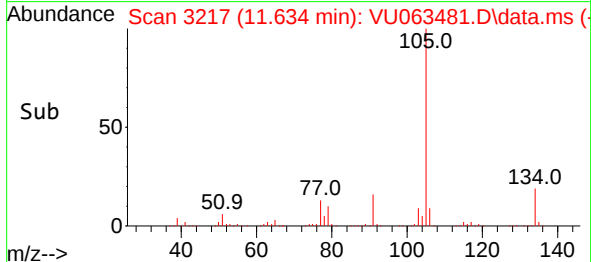
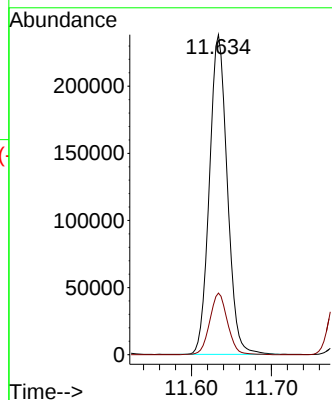
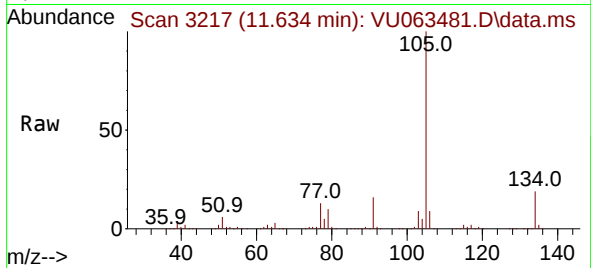




#85
 sec-Butylbenzene
 Concen: 46.994 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

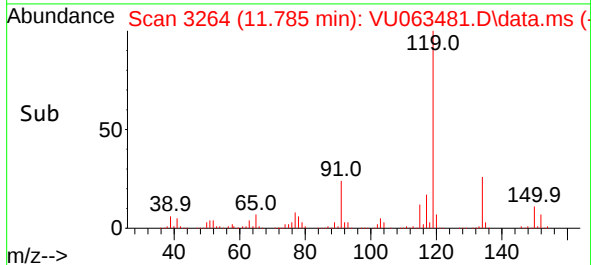
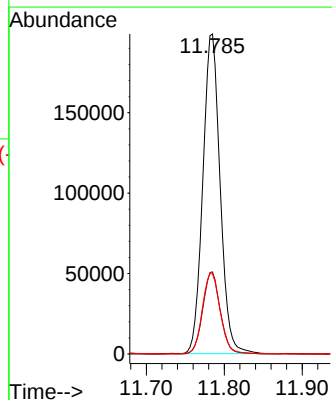
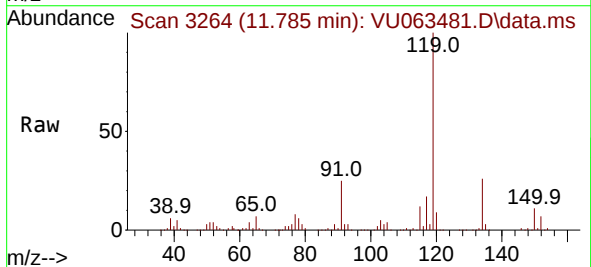
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050EC

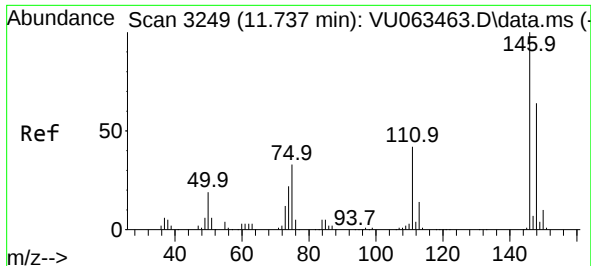
Tgt Ion:105 Resp: 370658
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 47.852 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063481.D
 Acq: 10 Jul 2025 15:59

Tgt Ion:119 Resp: 306193
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 26.2 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 47.125 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063481.D

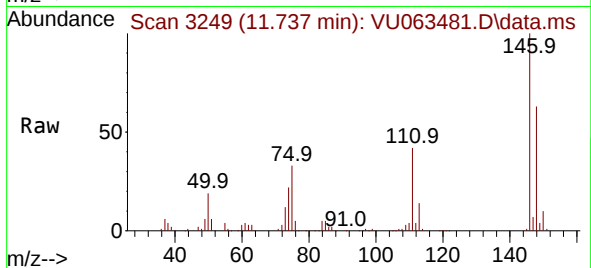
Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC



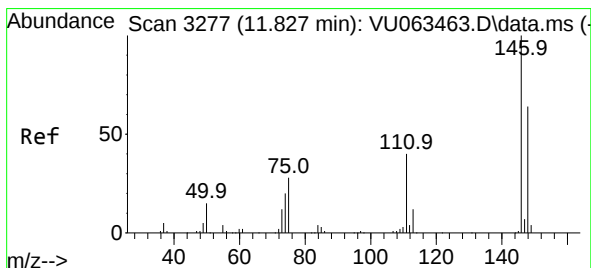
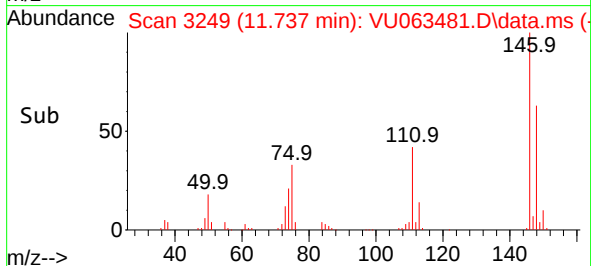
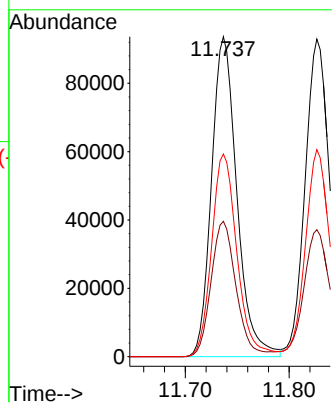
Tgt Ion:146 Resp: 158623

Ion Ratio Lower Upper

146 100

111 42.0 20.9 62.7

148 63.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 46.771 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

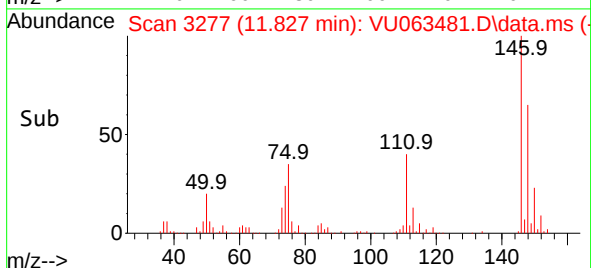
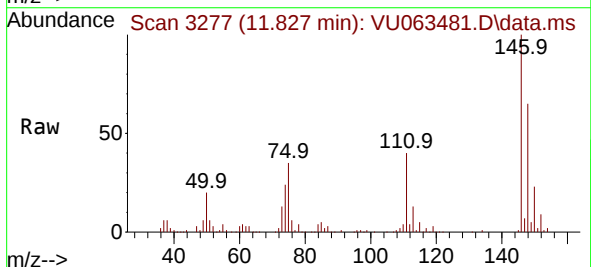
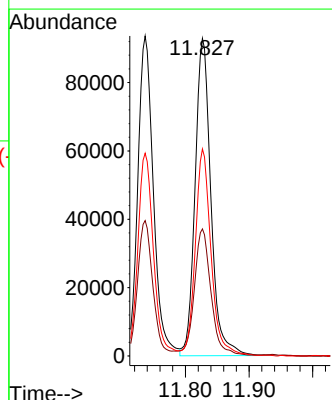
Tgt Ion:146 Resp: 160507

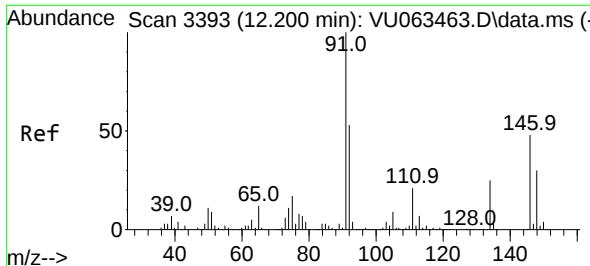
Ion Ratio Lower Upper

146 100

111 41.6 20.8 62.4

148 64.6 31.9 95.9

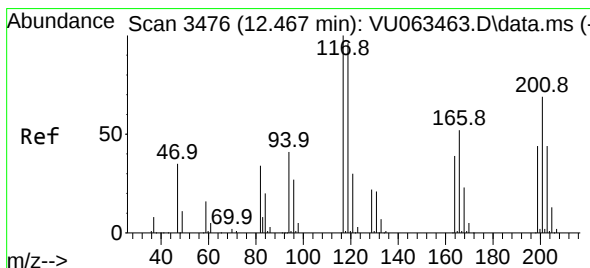
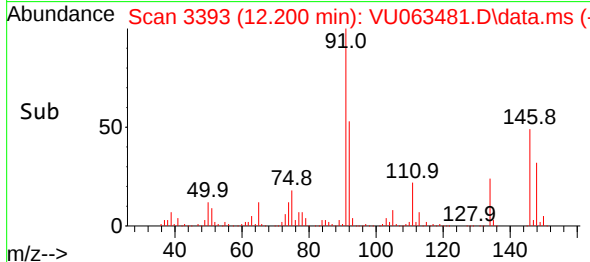
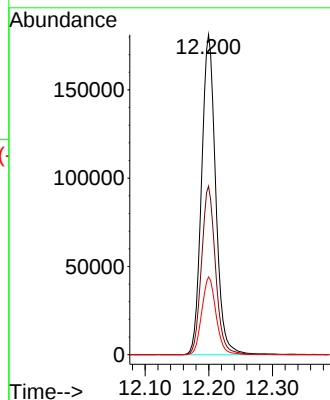
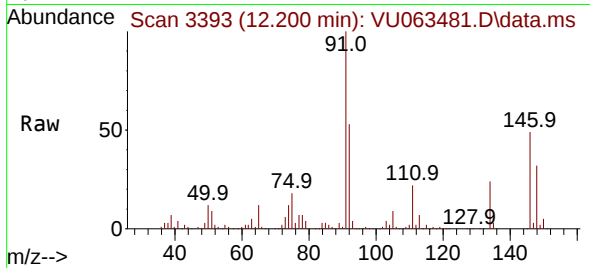




#89
n-Butylbenzene
Concen: 47.342 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

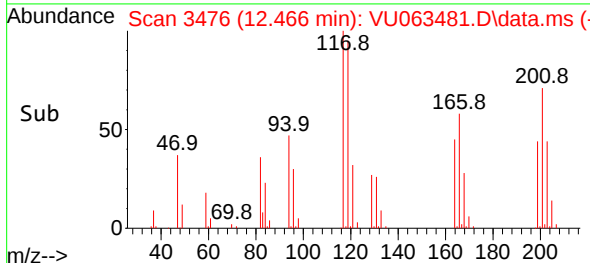
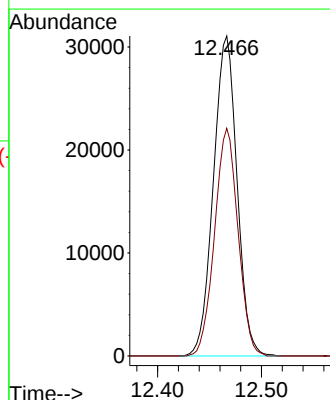
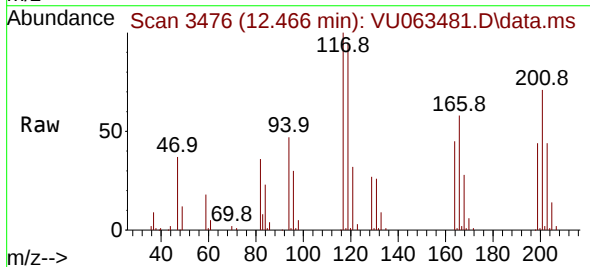
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

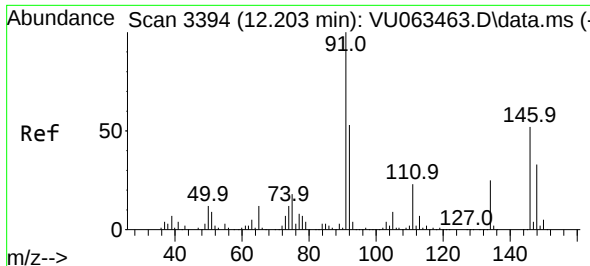
Tgt Ion: 91 Resp: 280375
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.2
134 24.4 12.4 37.0



#90
Hexachloroethane
Concen: 45.886 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 117 Resp: 49107
Ion Ratio Lower Upper
117 100
201 70.5 34.4 103.2

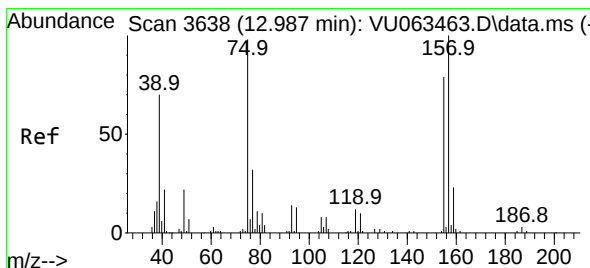
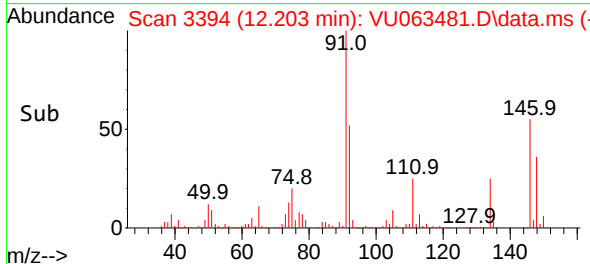
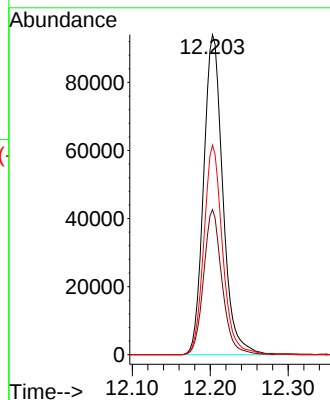
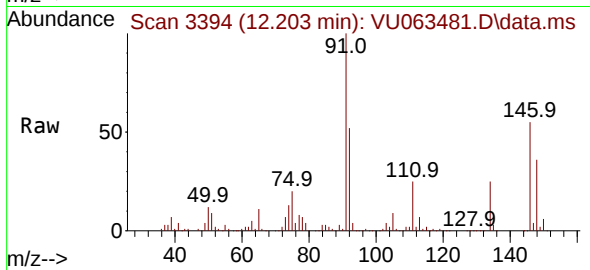




#91
1,2-Dichlorobenzene
Concen: 48.965 ug/l
RT: 12.203 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

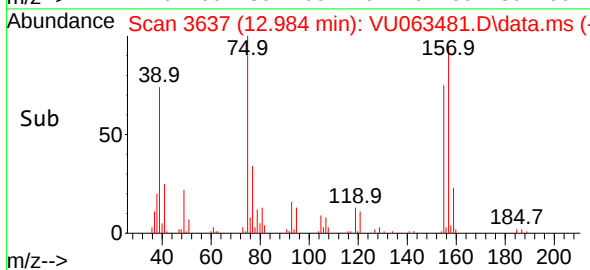
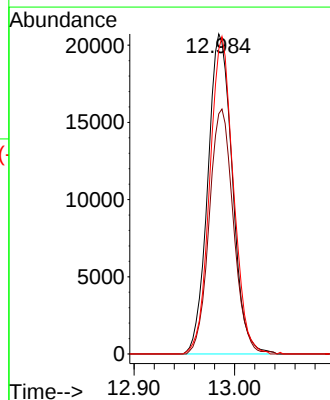
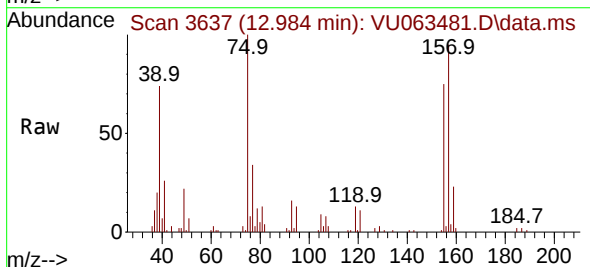
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050EC

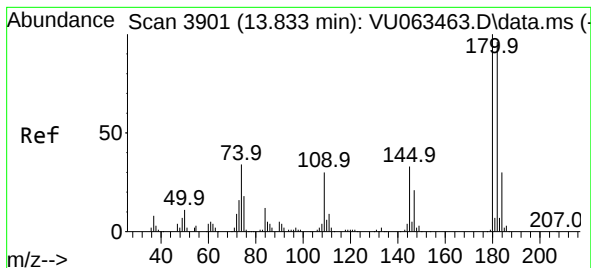
Tgt Ion:146 Resp: 160718
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.5
148 63.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 56.674 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063481.D
Acq: 10 Jul 2025 15:59

Tgt Ion: 75 Resp: 35208
Ion Ratio Lower Upper
75 100
155 75.4 39.1 117.5
157 94.8 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 47.576 ug/l

RT: 13.830 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

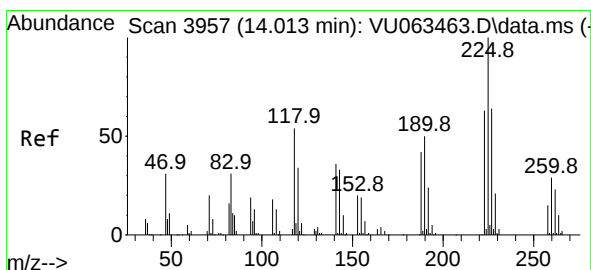
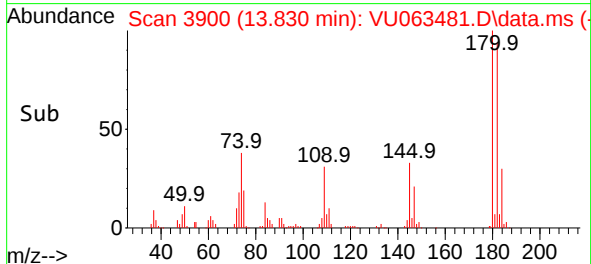
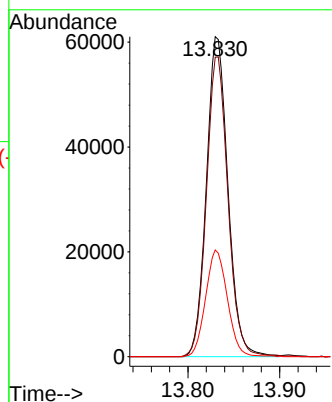
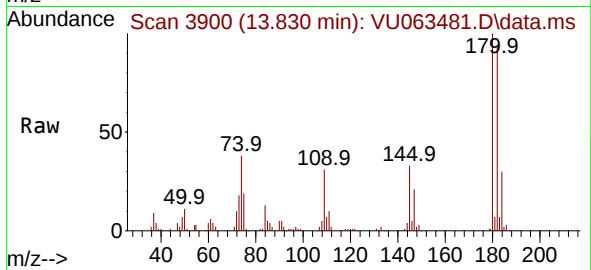
Tgt Ion:180 Resp: 100007

Ion Ratio Lower Upper

180 100

182 93.7 47.7 143.1

145 33.7 16.6 49.7



#94

Hexachlorobutadiene

Concen: 44.987 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

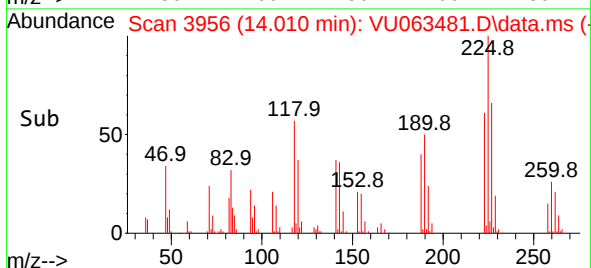
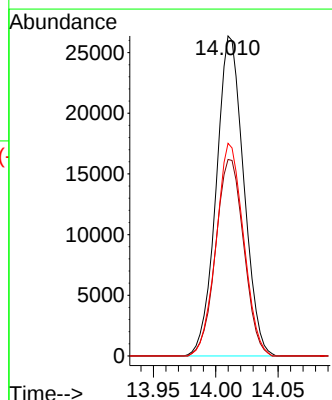
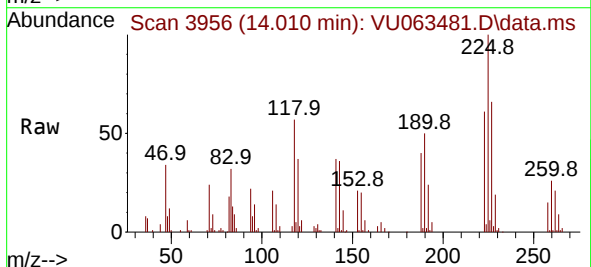
Tgt Ion:225 Resp: 40423

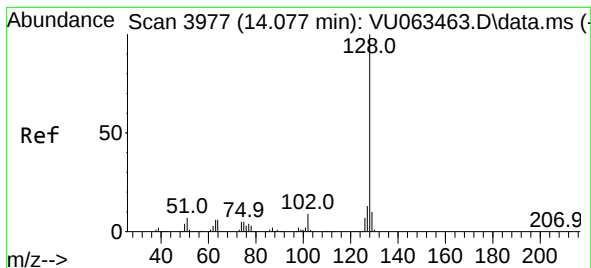
Ion Ratio Lower Upper

225 100

223 62.9 32.4 97.0

227 66.3 32.3 96.9





#95

Naphthalene

Concen: 48.426 ug/l

RT: 14.077 min Scan# 3977

Delta R.T. -0.000 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050EC

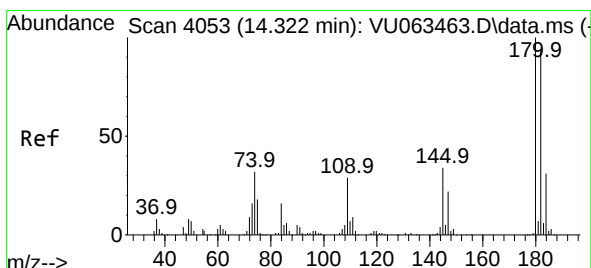
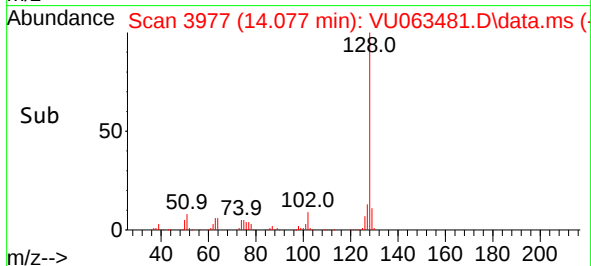
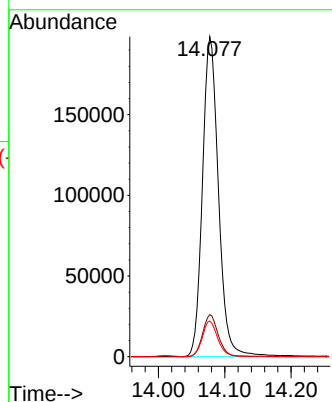
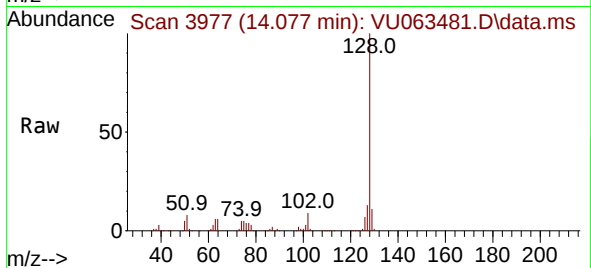
Tgt Ion:128 Resp: 333358

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.7 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 48.415 ug/l

RT: 14.318 min Scan# 4052

Delta R.T. -0.003 min

Lab File: VU063481.D

Acq: 10 Jul 2025 15:59

Tgt Ion:180 Resp: 100013

Ion Ratio Lower Upper

180 100

182 93.8 47.8 143.3

145 35.4 17.2 51.5

