

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063500.D
 Acq On : 14 Jul 2025 08:58
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 15 01:29:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	112890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	201207	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	183301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	73871	51.287	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.580%	
35) Dibromofluoromethane	5.277	113	60603	49.968	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	7.888	98	188813	47.759	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.520%	
62) 4-Bromofluorobenzene	10.624	95	84930	49.113	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 98.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	41247	45.941	ug/l	100
3) Chloromethane	1.518	50	46303	42.341	ug/l	100
4) Vinyl Chloride	1.599	62	57092	47.083	ug/l	98
5) Bromomethane	1.843	94	44403	52.265	ug/l	97
6) Chloroethane	1.923	64	39283	44.711	ug/l	99
7) Trichlorofluoromethane	2.126	101	99487	50.857	ug/l	96
8) Diethyl Ether	2.370	74	40675	49.893	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.570	101	58598	50.645	ug/l	99
10) Methyl Iodide	2.708	142	58786	48.641	ug/l	96
11) Tert butyl alcohol	3.190	59	130979	271.220	ug/l	100
12) 1,1-Dichloroethene	2.566	96	52272	48.532	ug/l	98
13) Acrolein	2.476	56	16240	238.247	ug/l	84
14) Allyl chloride	2.907	41	125576	48.982	ug/l	97
15) Acrylonitrile	3.303	53	294510	284.708	ug/l	97
16) Acetone	2.618	43	313591	259.543	ug/l	99
17) Carbon Disulfide	2.775	76	103696	40.275	ug/l	98
18) Methyl Acetate	2.939	43	180961	58.198	ug/l	100
19) Methyl tert-butyl Ether	3.357	73	245408	52.832	ug/l	100
20) Methylene Chloride	3.029	84	67811	38.491	ug/l	98
21) trans-1,2-Dichloroethene	3.332	96	54801	47.359	ug/l	97
22) Diisopropyl ether	3.988	45	232725	53.313	ug/l	98
23) Vinyl Acetate	3.946	43	921919	272.178	ug/l	99
24) 1,1-Dichloroethane	3.849	63	129218	52.158	ug/l	98
25) 2-Butanone	4.701	43	387873	285.964	ug/l	100
26) 2,2-Dichloropropane	4.647	77	114154	52.961	ug/l	98
27) cis-1,2-Dichloroethene	4.650	96	78433	51.352	ug/l	99
28) Bromochloromethane	4.955	49	61028	52.440	ug/l	99
29) Tetrahydrofuran	5.049	42	242055	282.902	ug/l	100
30) Chloroform	5.074	83	139553	53.353	ug/l	98
31) Cyclohexane	5.367	56	90521	45.451	ug/l	100
32) 1,1,1-Trichloroethane	5.299	97	119212	53.527	ug/l	100
36) 1,1-Dichloropropene	5.512	75	81178	49.259	ug/l	100
37) Ethyl Acetate	4.804	43	131622	49.317	ug/l	98
38) Carbon Tetrachloride	5.508	117	90784	49.997	ug/l	96
39) Methylcyclohexane	6.750	83	92379	46.393	ug/l	98
40) Benzene	5.759	78	265700	51.625	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.968	41	69150	54.909	ug/l	98
42) 1,2-Dichloroethane	5.782	62	106096	54.823	ug/l	100
43) Isopropyl Acetate	5.910	43	195624	55.182	ug/l	98
44) Trichloroethene	6.531	130	68121	49.460	ug/l	100
45) 1,2-Dichloropropane	6.779	63	76149	53.223	ug/l	99
46) Dibromomethane	6.907	93	54718	53.752	ug/l	99
47) Bromodichloromethane	7.094	83	110753	52.322	ug/l	100
48) Methyl methacrylate	6.955	41	89925	54.883	ug/l	99
49) 1,4-Dioxane	6.959	88	31301	870.575	ug/l	96
51) 4-Methyl-2-Pentanone	7.782	43	710495	276.903	ug/l	99
52) Toluene	7.959	92	170809	50.740	ug/l	97
53) t-1,3-Dichloropropene	8.200	75	98770	53.323	ug/l	99
54) cis-1,3-Dichloropropene	7.598	75	114039	54.998	ug/l	97
55) 1,1,2-Trichloroethane	8.389	97	76049	53.195	ug/l	98
56) Ethyl methacrylate	8.325	69	118029	51.180	ug/l	99
57) 1,3-Dichloropropane	8.566	76	124763	52.943	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.460	63	7962	332.481	ug/l #	92
59) 2-Hexanone	8.676	43	524709	270.369	ug/l	99
60) Dibromochloromethane	8.798	129	88560	55.297	ug/l	98
61) 1,2-Dibromoethane	8.913	107	72712	51.820	ug/l	100
64) Tetrachloroethene	8.544	164	66067	48.417	ug/l	99
65) Chlorobenzene	9.438	112	203806	53.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	69934	53.472	ug/l	96
67) Ethyl Benzene	9.560	91	339356	51.776	ug/l	100
68) m/p-Xylenes	9.685	106	255020	101.949	ug/l	93
69) o-Xylene	10.090	106	130492	51.310	ug/l	99
70) Styrene	10.106	104	217955	53.899	ug/l	98
71) Bromoform	10.283	173	62263	54.618	ug/l #	100
73) Isopropylbenzene	10.473	105	347033	52.762	ug/l	100
74) N-amyl acetate	10.312	43	159249	53.990	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	133473	55.130	ug/l	98
76) 1,2,3-Trichloropropane	10.814	75	138343	54.010	ug/l #	19
77) Bromobenzene	10.772	156	84032	52.121	ug/l	97
78) n-propylbenzene	10.897	91	405077	53.105	ug/l	99
79) 2-Chlorotoluene	10.974	91	257671	53.862	ug/l	100
80) 1,3,5-Trimethylbenzene	11.077	105	305721	53.142	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.537	75	26216	51.047	ug/l	93
82) 4-Chlorotoluene	11.087	91	293891	54.112	ug/l	97
83) tert-Butylbenzene	11.412	119	299237	54.239	ug/l	98
84) 1,2,4-Trimethylbenzene	11.457	105	300074	53.117	ug/l	99
85) sec-Butylbenzene	11.634	105	385994	53.021	ug/l	99
86) p-Isopropyltoluene	11.785	119	318766	53.972	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	168074	54.098	ug/l	99
88) 1,4-Dichlorobenzene	11.827	146	167787	52.971	ug/l	100
89) n-Butylbenzene	12.200	91	290662	53.173	ug/l	100
90) Hexachloroethane	12.466	117	54523	55.196	ug/l	99
91) 1,2-Dichlorobenzene	12.203	146	164125	54.174	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.984	75	35091	61.198	ug/l	98
93) 1,2,4-Trichlorobenzene	13.833	180	102598	52.881	ug/l	99
94) Hexachlorobutadiene	14.013	225	43021	51.873	ug/l	99
95) Naphthalene	14.077	128	328857	51.757	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	100989	52.966	ug/l	100

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ALS Vial : 2 Sample Multiplier: 1

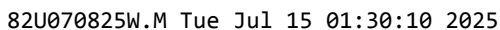
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MSVOA_U
ClientSampleId :
VSTDCCC050

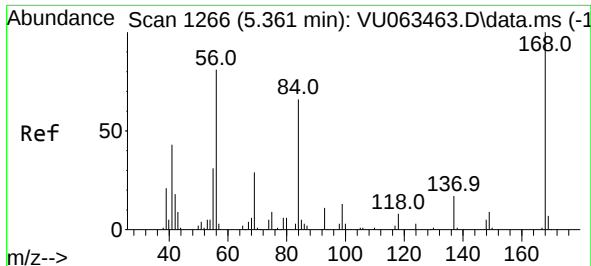
Quant Time: Jul 15 01:29:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 15 01:29:09 2025
Response via : Initial Calibration

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

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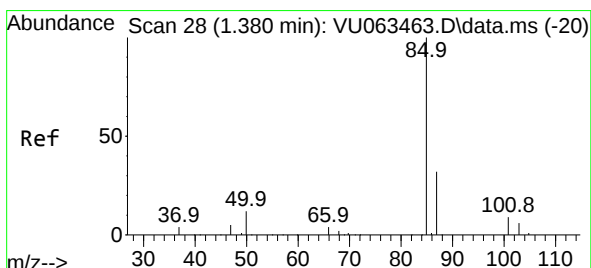
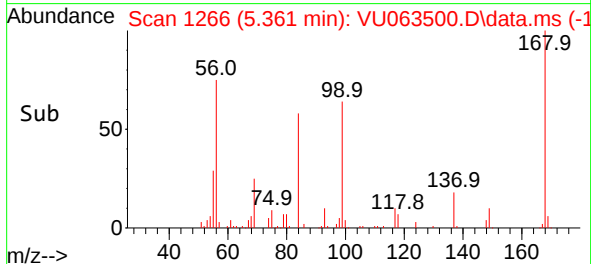
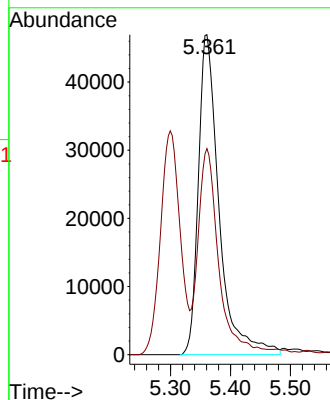
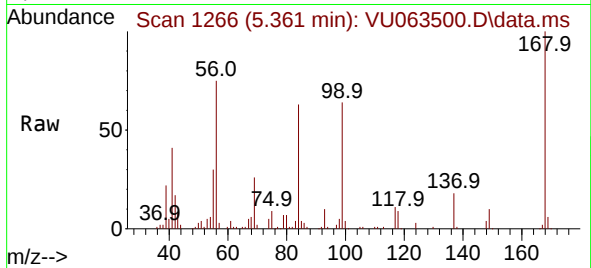




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063500.D
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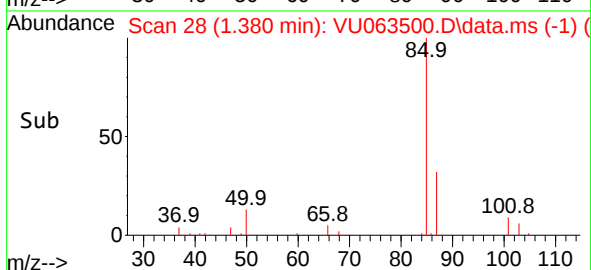
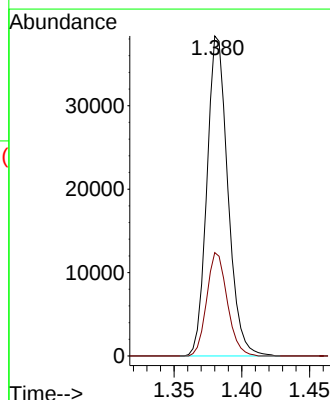
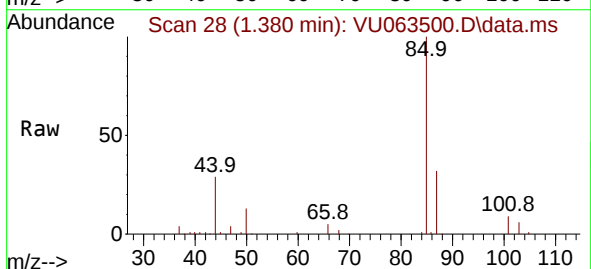
Instrument :
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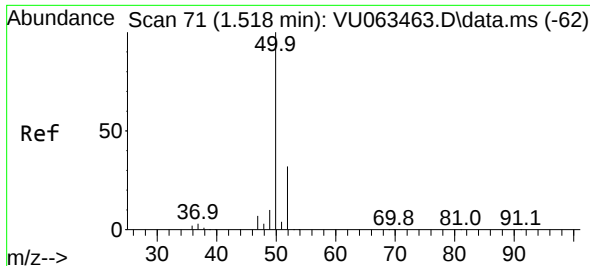
Tgt Ion:168 Resp: 112890
Ion Ratio Lower Upper
168 100
99 62.9 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 45.941 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 85 Resp: 41247
Ion Ratio Lower Upper
85 100
87 32.3 16.1 48.2

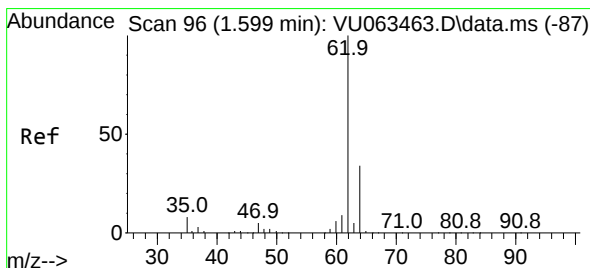
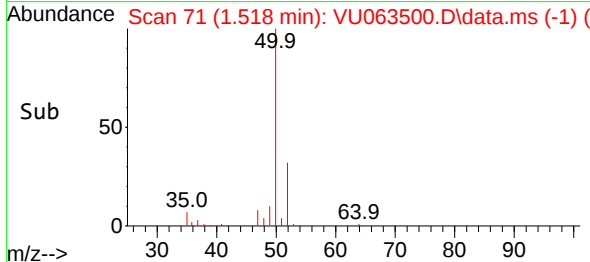
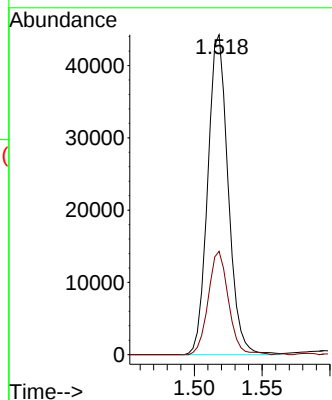
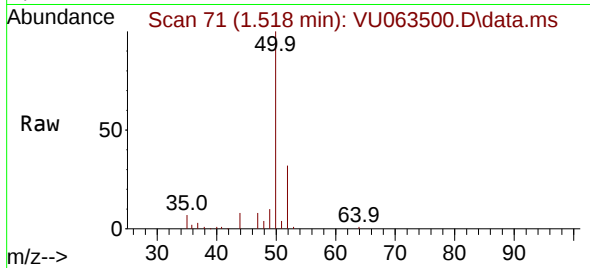




#3
Chloromethane
Concen: 42.341 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

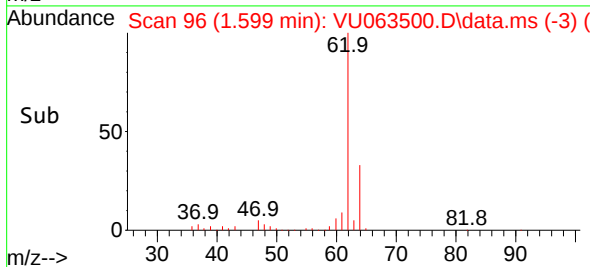
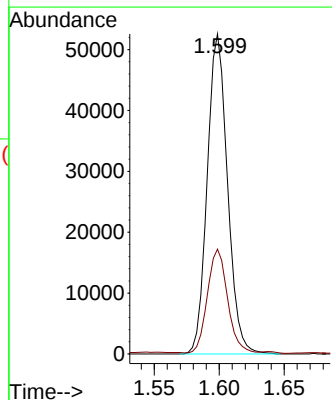
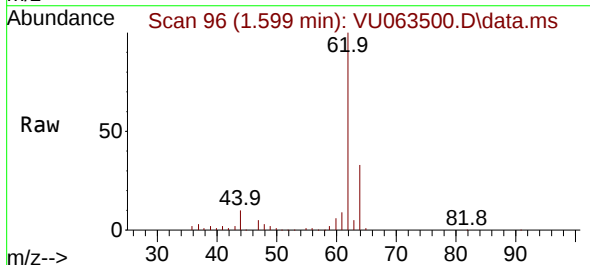
Instrument :
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ClientSampleId :
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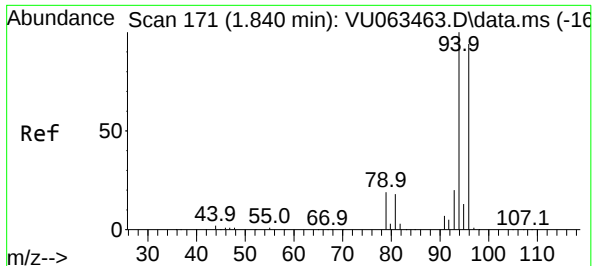
Tgt Ion: 50 Resp: 46303
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 47.083 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 62 Resp: 57092
Ion Ratio Lower Upper
62 100
64 32.4 26.9 40.3

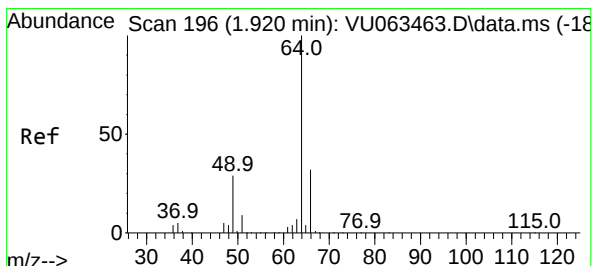
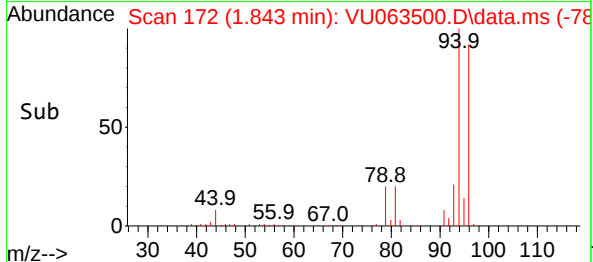
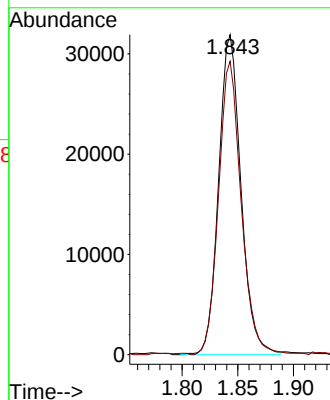
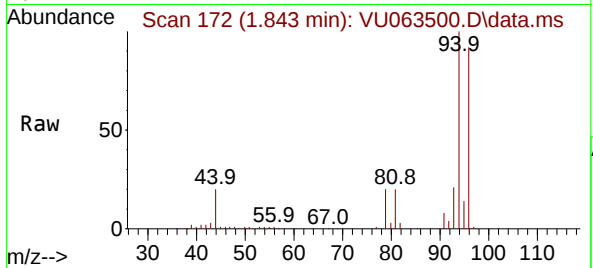




#5
Bromomethane
Concen: 52.265 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

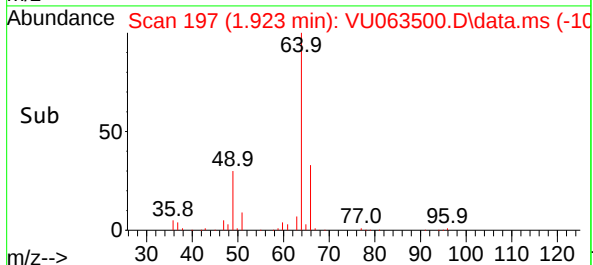
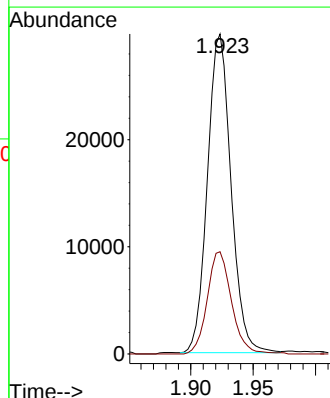
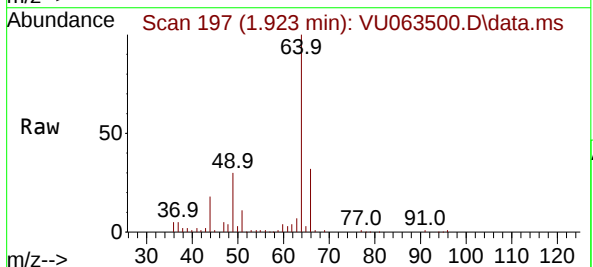
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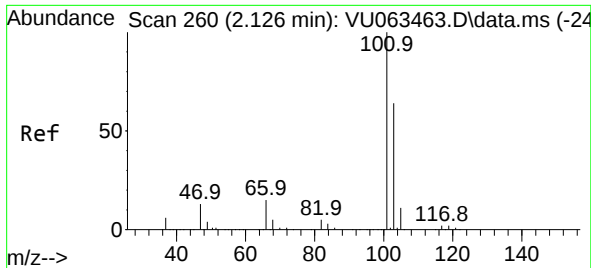
Tgt Ion: 94 Resp: 44403
Ion Ratio Lower Upper
94 100
96 91.3 75.5 113.3



#6
Chloroethane
Concen: 44.711 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 64 Resp: 39283
Ion Ratio Lower Upper
64 100
66 32.1 25.3 37.9

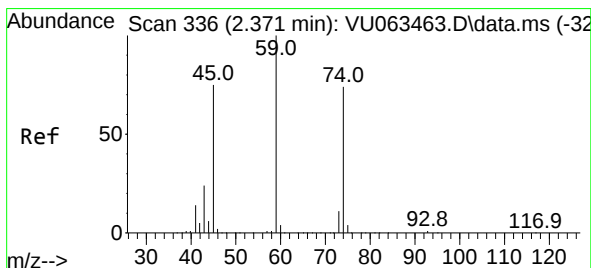
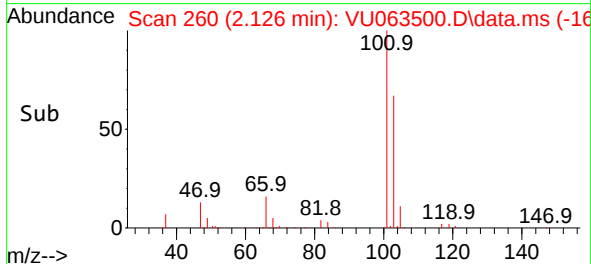
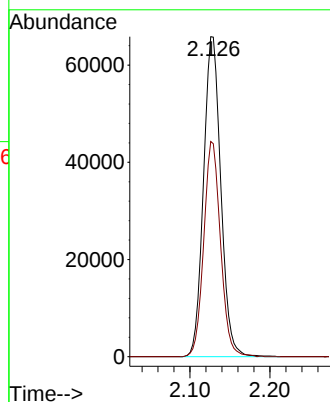
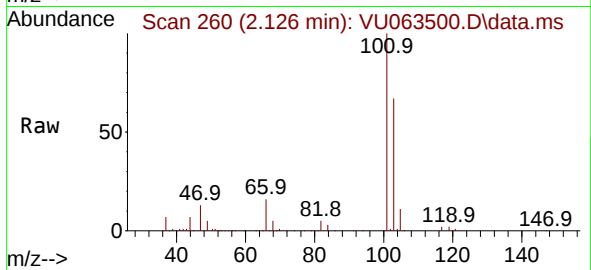




#7
 Trichlorofluoromethane
 Concen: 50.857 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

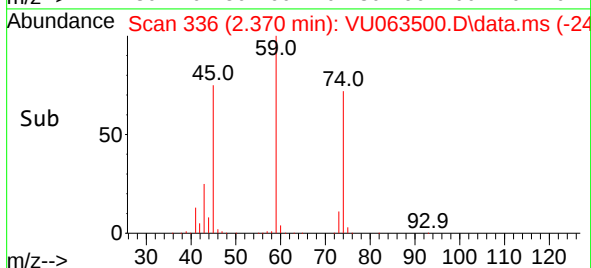
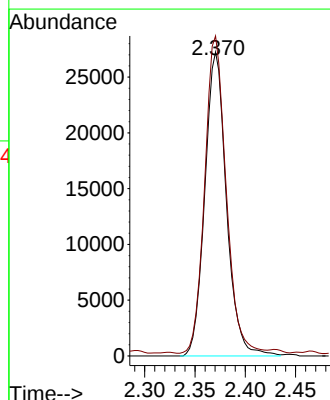
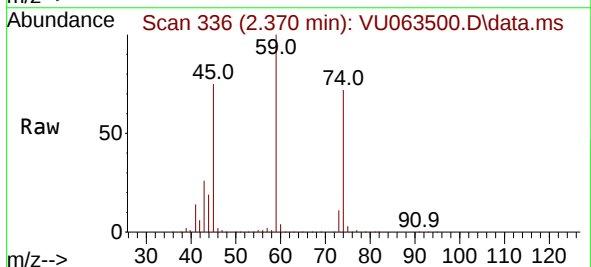
Instrument :
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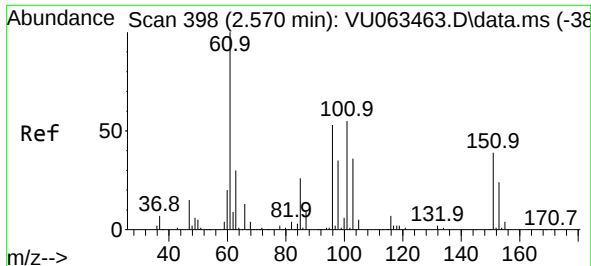
Tgt Ion:101 Resp: 99487
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.1 76.7



#8
 Diethyl Ether
 Concen: 49.893 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

Tgt Ion: 74 Resp: 40675
 Ion Ratio Lower Upper
 74 100
 45 103.2 49.7 149.1

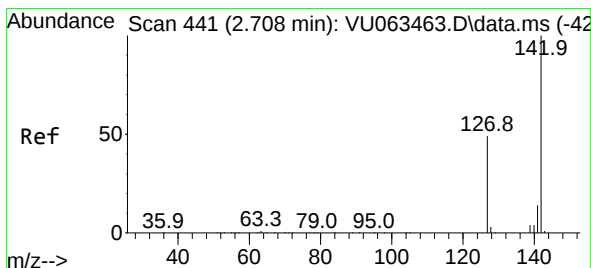
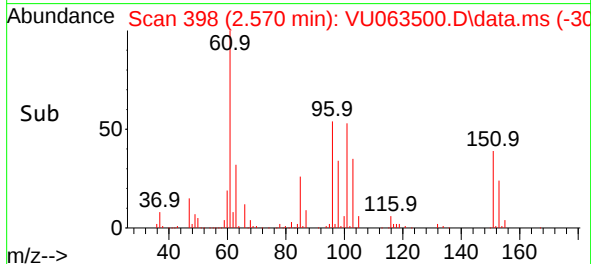
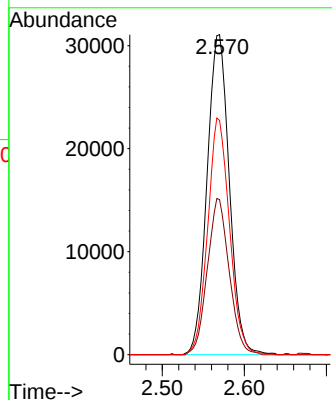
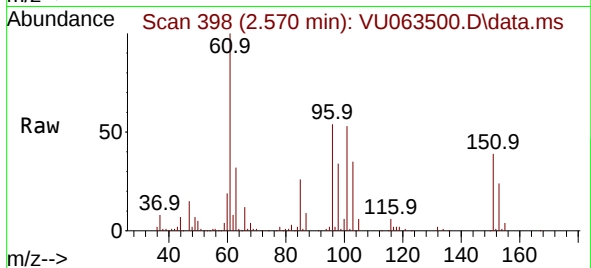




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.645 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

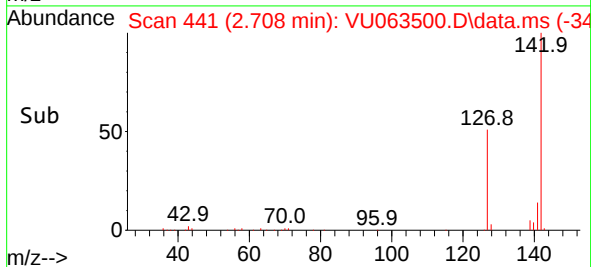
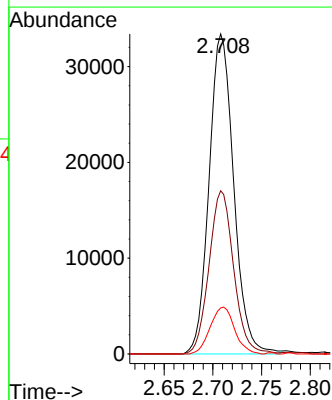
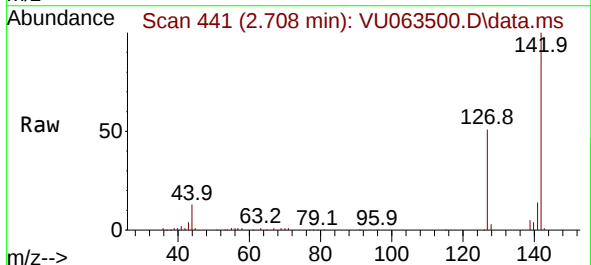
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

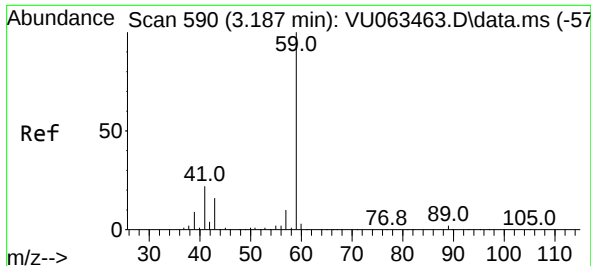
Tgt Ion:101 Resp: 58598
Ion Ratio Lower Upper
101 100
85 48.1 39.6 59.4
151 72.4 57.2 85.8



#10
Methyl Iodide
Concen: 48.641 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:142 Resp: 58786
Ion Ratio Lower Upper
142 100
127 50.9 38.2 57.4
141 14.5 11.1 16.7

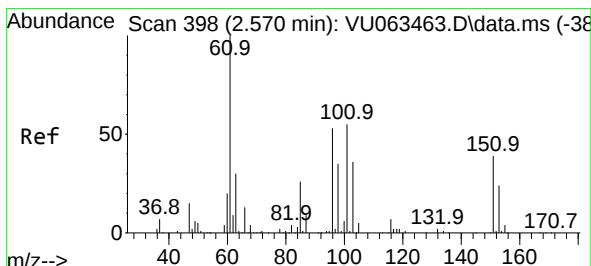
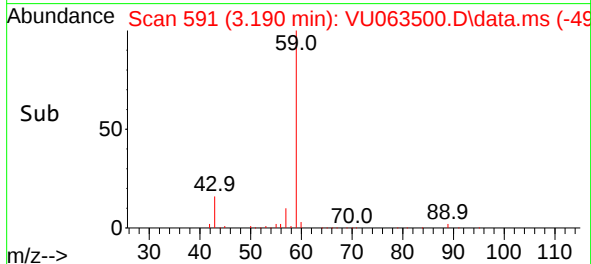
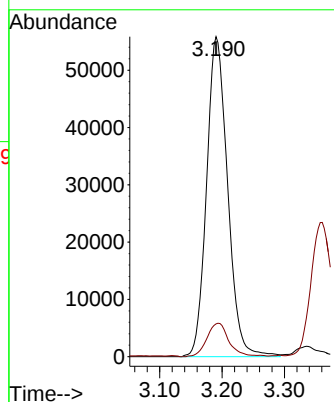
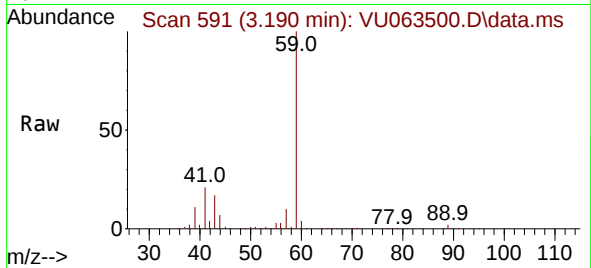




#11
Tert butyl alcohol
Concen: 271.220 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

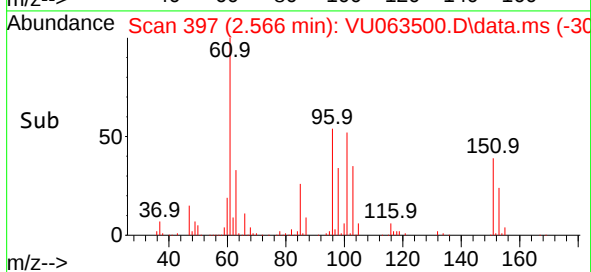
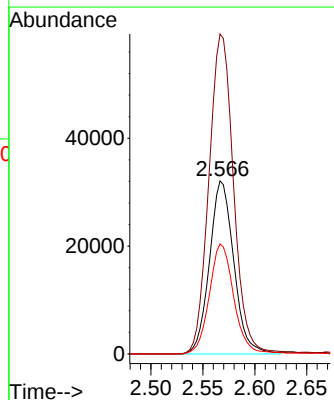
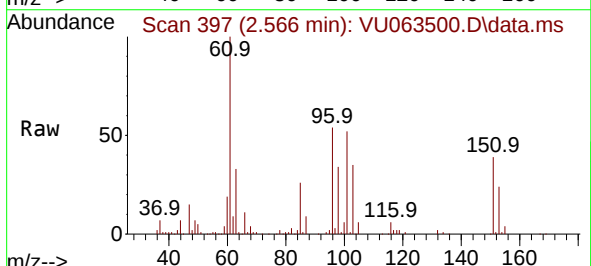
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

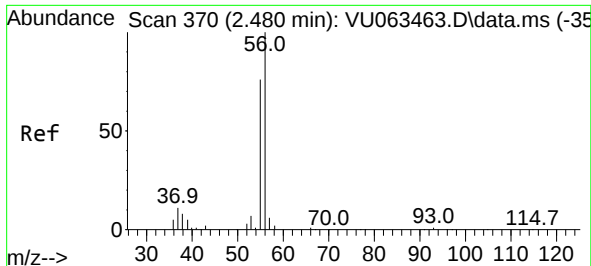
Tgt Ion: 59 Resp: 130979
Ion Ratio Lower Upper
59 100
57 10.9 8.8 13.2



#12
1,1-Dichloroethene
Concen: 48.532 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 96 Resp: 52272
Ion Ratio Lower Upper
96 100
61 184.9 149.6 224.4
98 63.6 52.0 78.0

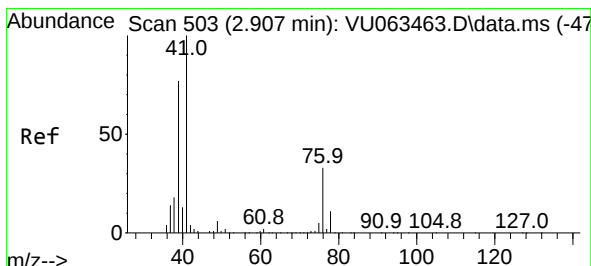
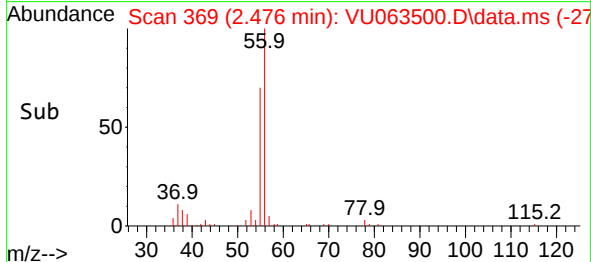
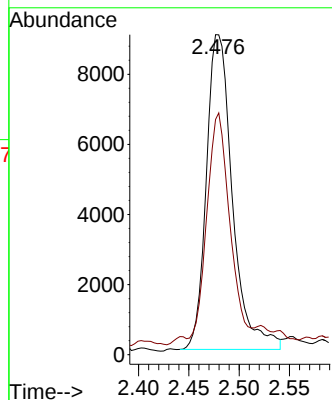
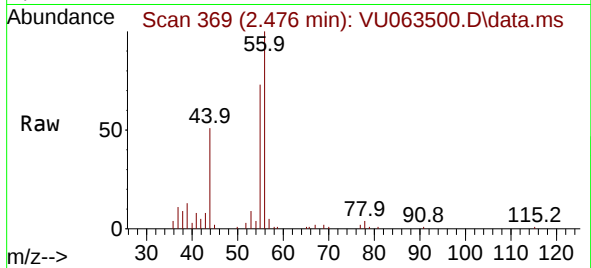




#13
Acrolein
Concen: 238.247 ug/l
RT: 2.476 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

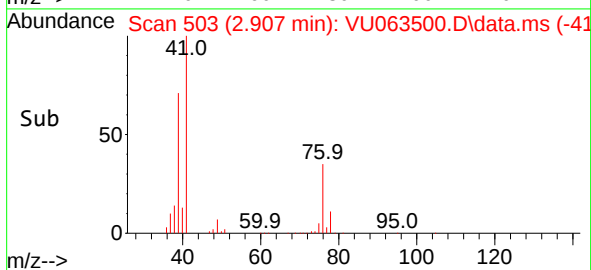
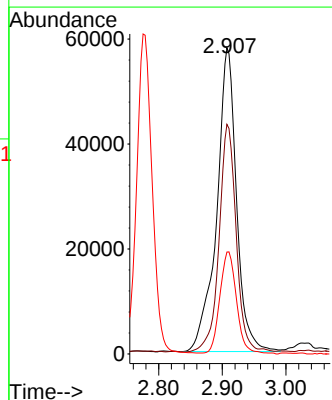
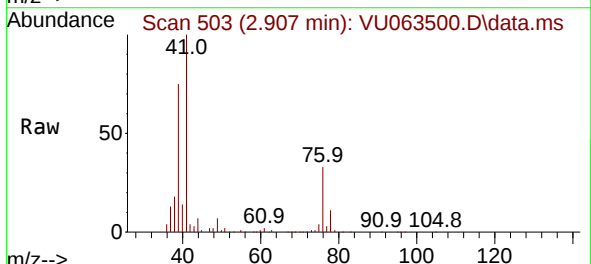
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

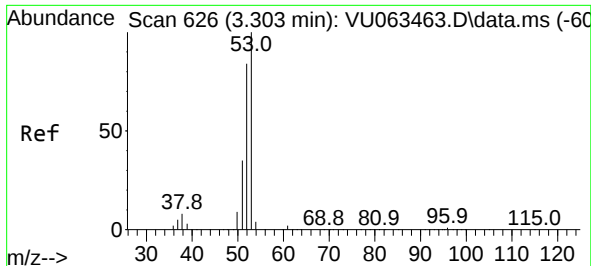
Tgt Ion: 56 Resp: 16240
Ion Ratio Lower Upper
56 100
55 61.8 60.2 90.2



#14
Allyl chloride
Concen: 48.982 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 41 Resp: 125576
Ion Ratio Lower Upper
41 100
39 64.2 53.9 80.9
76 28.4 23.1 34.7

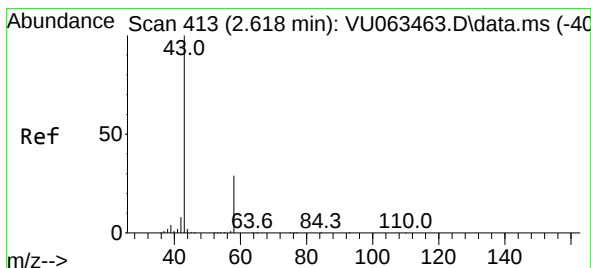
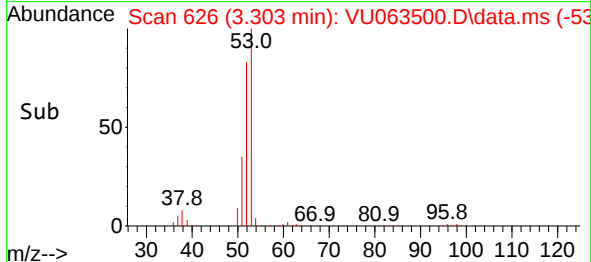
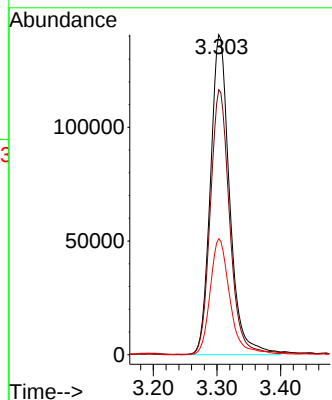
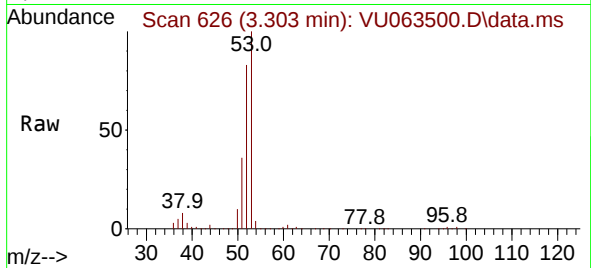




#15
Acrylonitrile
Concen: 284.708 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

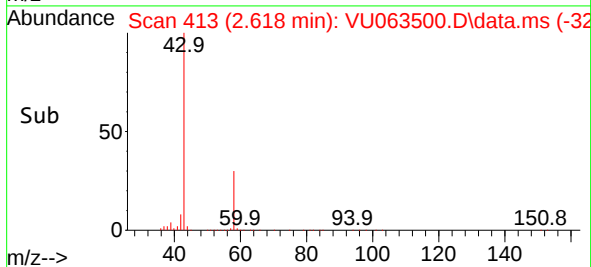
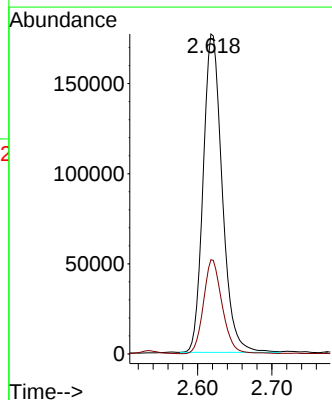
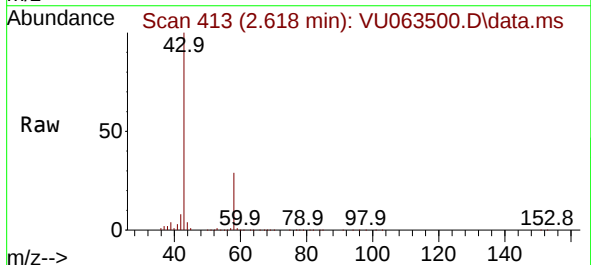
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

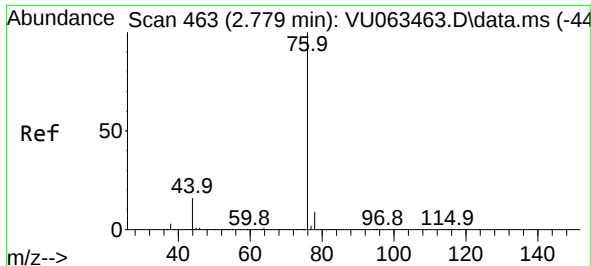
Tgt Ion: 53 Resp: 294510
Ion Ratio Lower Upper
53 100
52 84.1 65.0 97.4
51 36.9 28.8 43.2



#16
Acetone
Concen: 259.543 ug/l
RT: 2.618 min Scan# 413
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 43 Resp: 313591
Ion Ratio Lower Upper
43 100
58 29.5 23.1 34.7

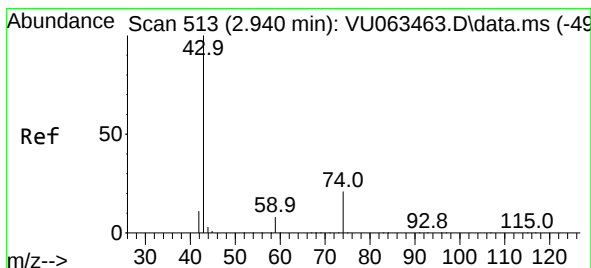
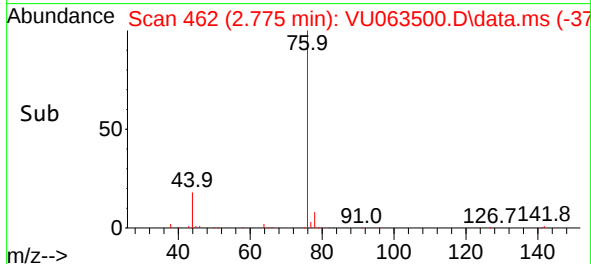
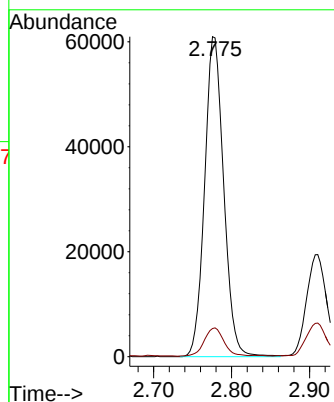
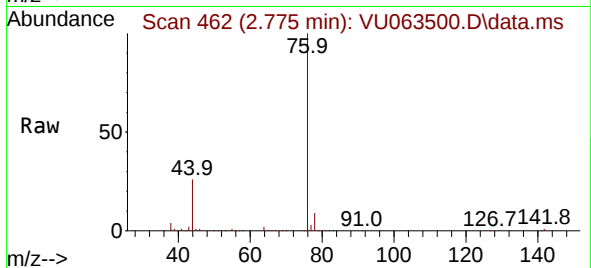




#17
Carbon Disulfide
Concen: 40.275 ug/l
RT: 2.775 min Scan# 462
Delta R.T. -0.004 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

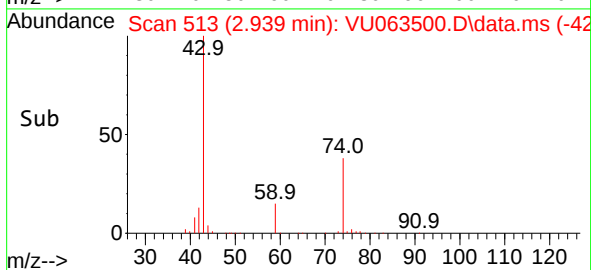
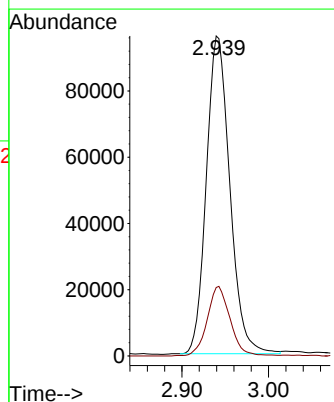
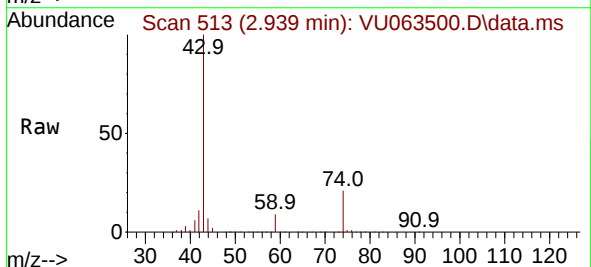
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

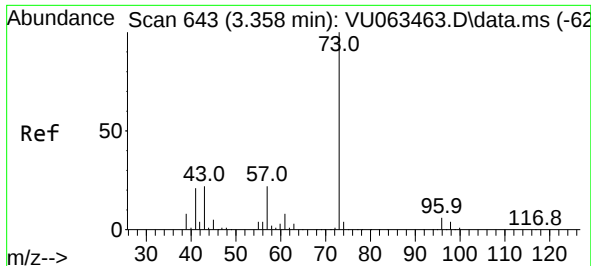
Tgt Ion: 76 Resp: 103696
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 58.198 ug/l
RT: 2.939 min Scan# 513
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 43 Resp: 180961
Ion Ratio Lower Upper
43 100
74 21.4 17.3 25.9

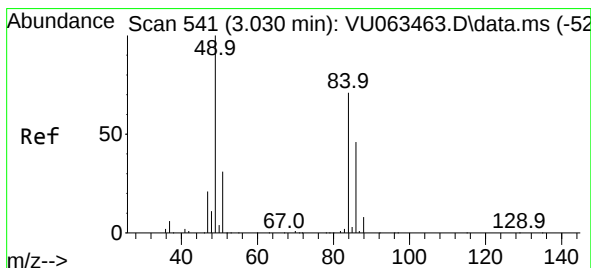
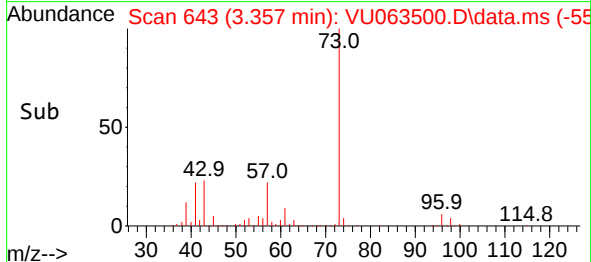
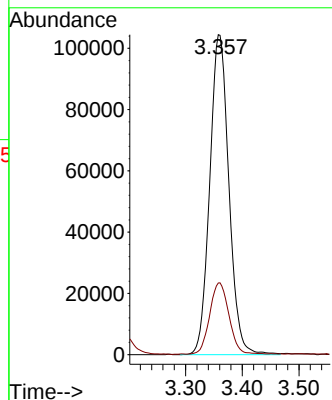
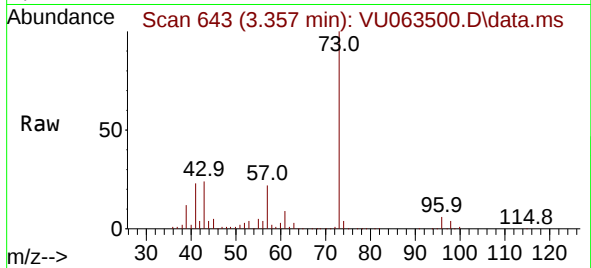




#19
Methyl tert-butyl Ether
Concen: 52.832 ug/l
RT: 3.357 min Scan# 643
Delta R.T. -0.001 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

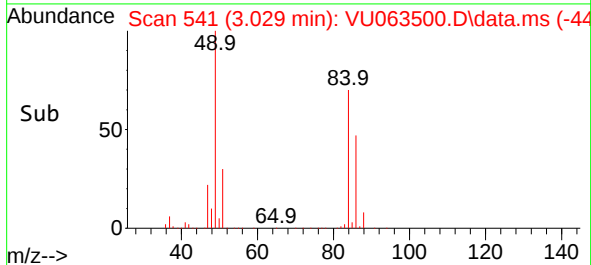
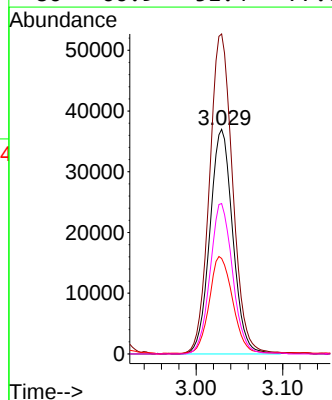
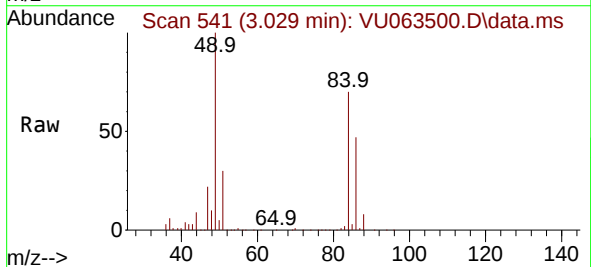
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

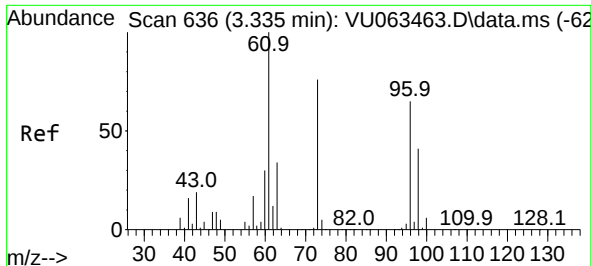
Tgt Ion: 73 Resp: 245408
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 38.491 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.001 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 84 Resp: 67811
Ion Ratio Lower Upper
84 100
49 142.5 112.1 168.1
51 42.2 34.4 51.6
86 66.9 51.4 77.0

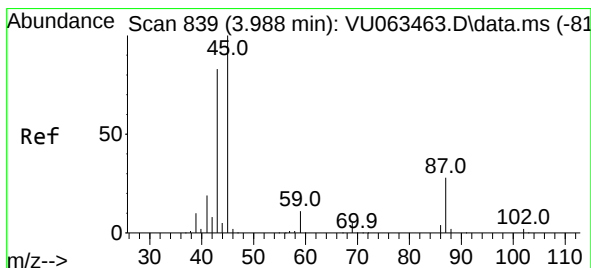
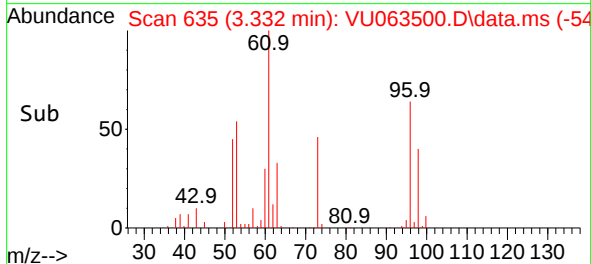
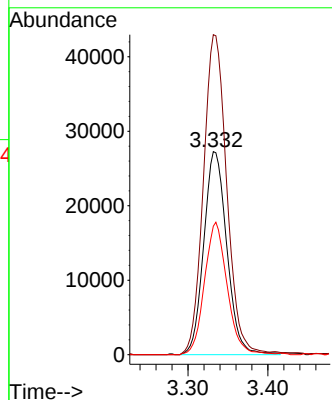
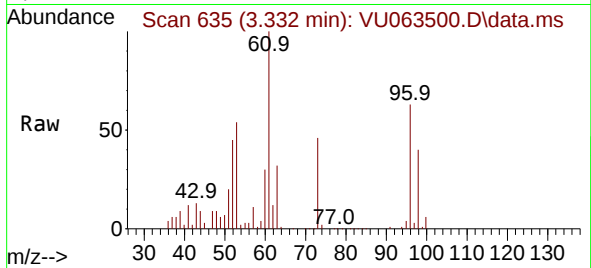




#21
trans-1,2-Dichloroethene
Concen: 47.359 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

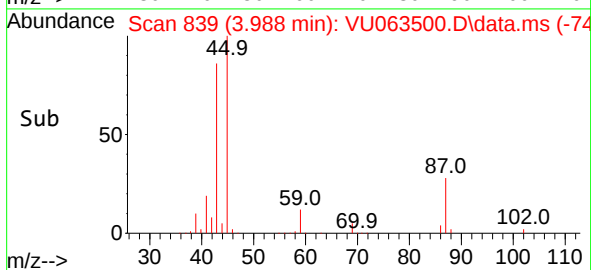
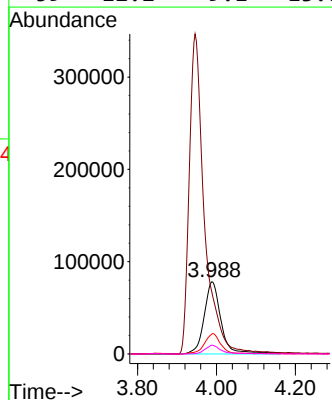
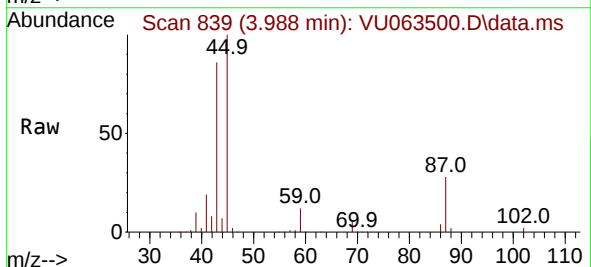
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

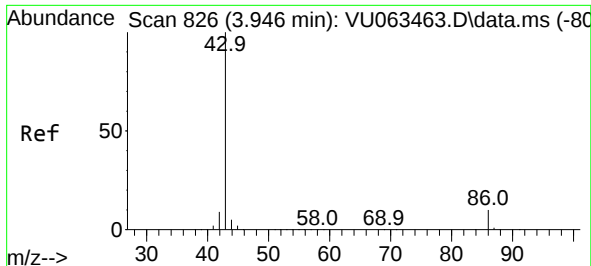
Tgt Ion: 96 Resp: 54801
Ion Ratio Lower Upper
96 100
61 157.6 122.2 183.4
98 63.2 49.9 74.9



#22
Diisopropyl ether
Concen: 53.313 ug/l
RT: 3.988 min Scan# 839
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 45 Resp: 232725
Ion Ratio Lower Upper
45 100
43 85.5 66.5 99.7
87 27.6 22.6 33.8
59 12.2 9.1 13.7

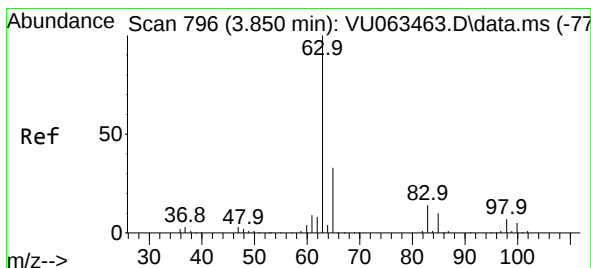
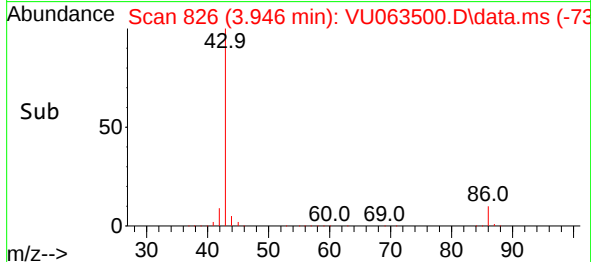
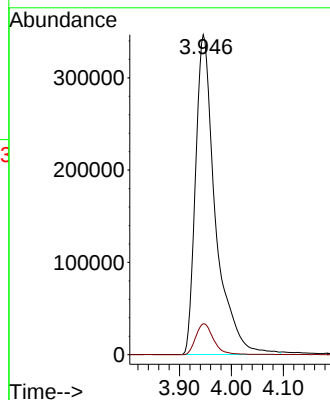
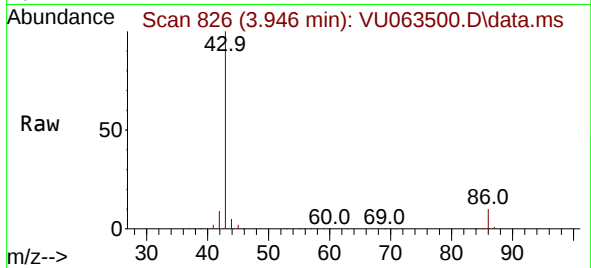




#23
 Vinyl Acetate
 Concen: 272.178 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

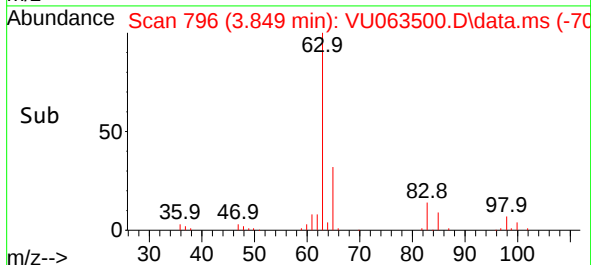
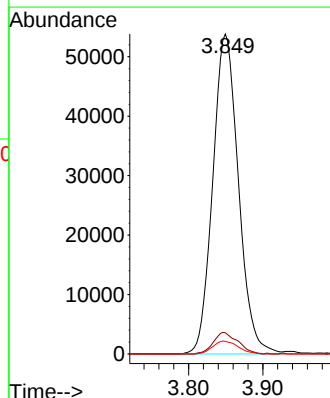
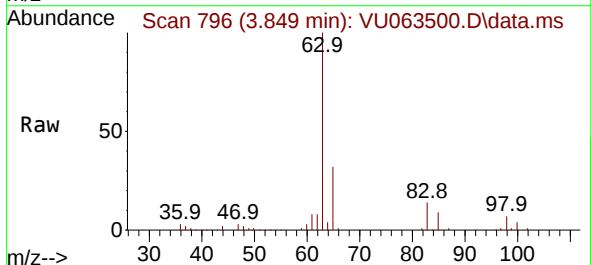
Instrument :
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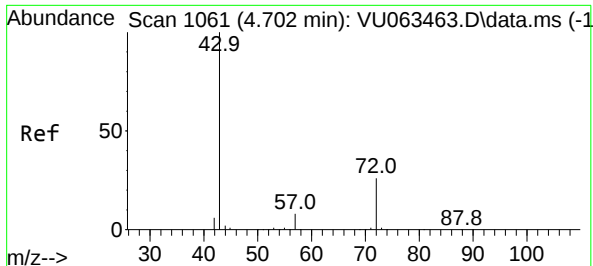
Tgt Ion: 43 Resp: 921919
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 52.158 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

Tgt Ion: 63 Resp: 129218
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 3.9 2.3 6.8





#25

2-Butanone

Concen: 285.964 ug/l

RT: 4.701 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

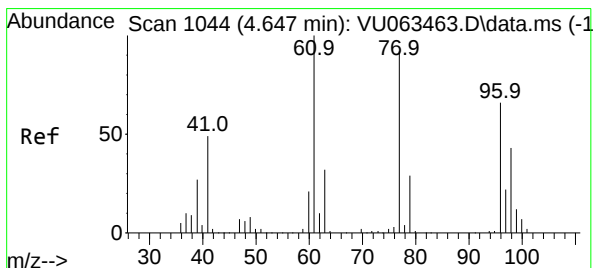
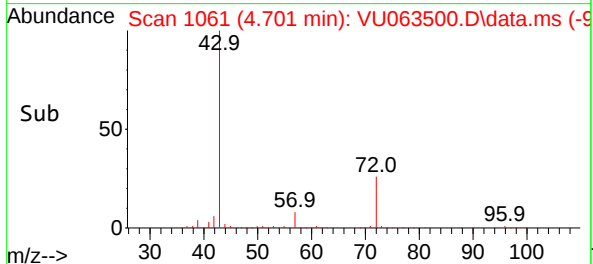
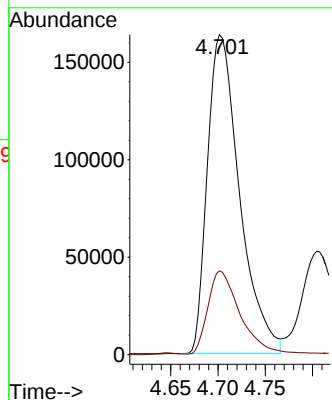
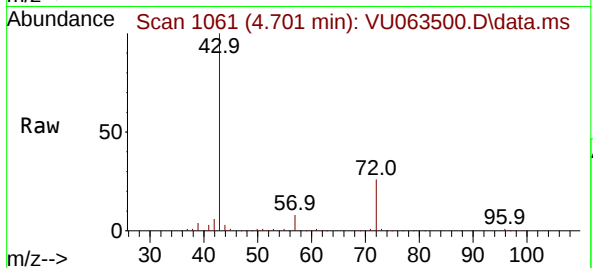
VSTDCCC050

Tgt Ion: 43 Resp: 387873

Ion Ratio Lower Upper

43 100

72 26.0 20.7 31.1



#26

2,2-Dichloropropane

Concen: 52.961 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063500.D

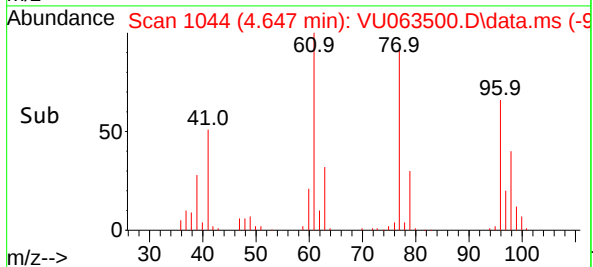
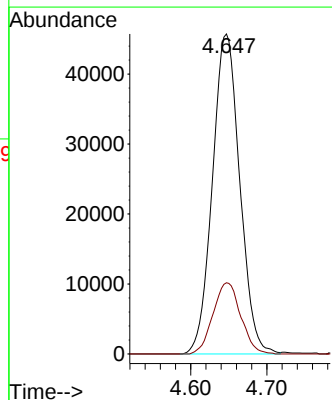
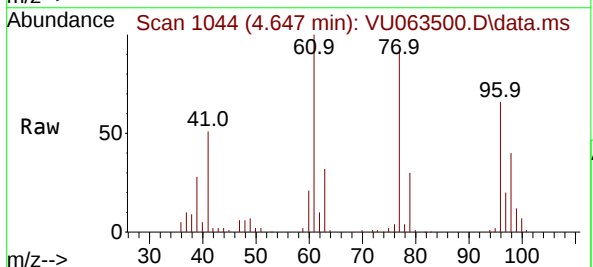
Acq: 14 Jul 2025 08:58

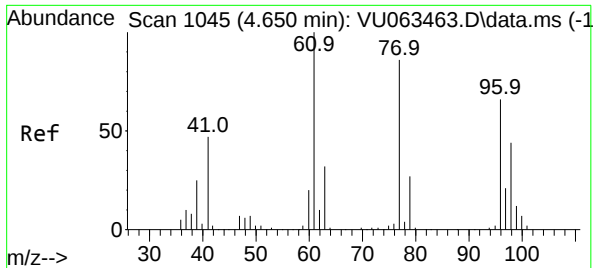
Tgt Ion: 77 Resp: 114154

Ion Ratio Lower Upper

77 100

97 22.5 11.8 35.3

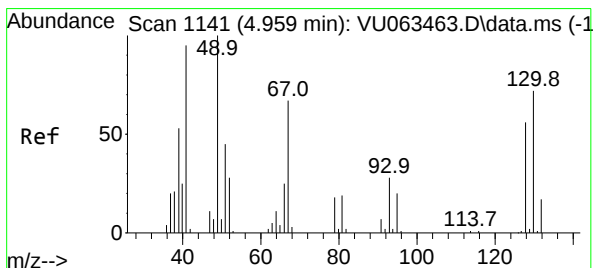
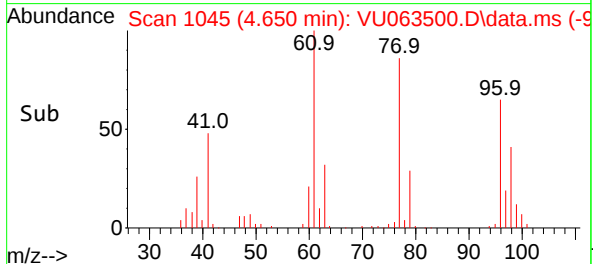
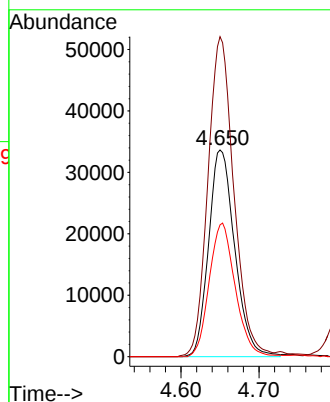
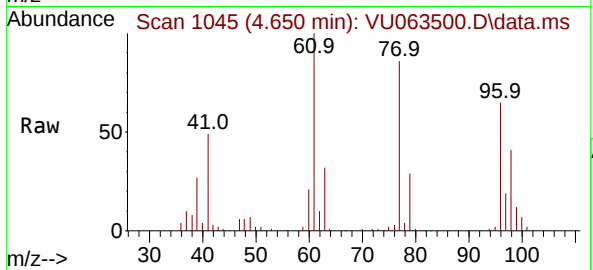




#27
 cis-1,2-Dichloroethene
 Concen: 51.352 ug/l
 RT: 4.650 min Scan# 110
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

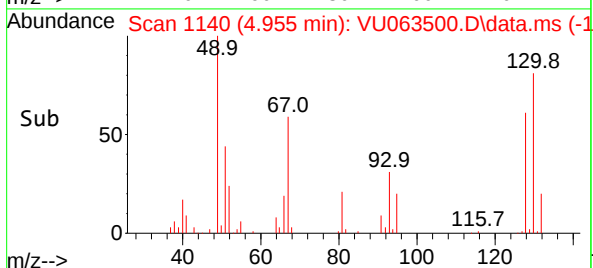
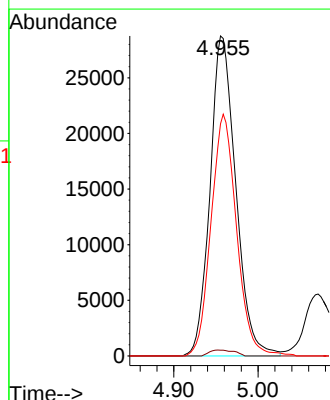
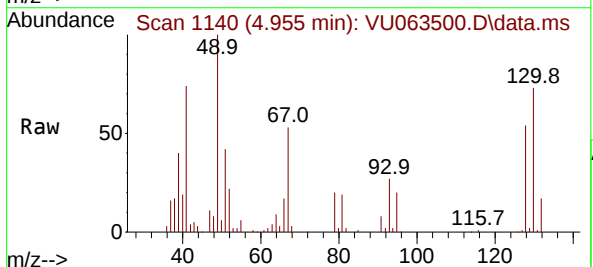
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

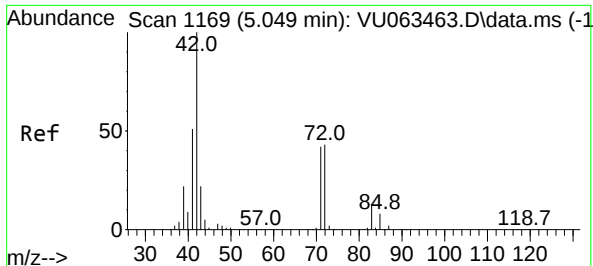
Tgt Ion: 96	Resp: 78433
Ion Ratio	Lower Upper
96	100
61	153.6 0.0 307.2
98	64.4 0.0 133.0



#28
 Bromochloromethane
 Concen: 52.440 ug/l
 RT: 4.955 min Scan# 1140
 Delta R.T. -0.003 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

Tgt Ion: 49	Resp: 61028
Ion Ratio	Lower Upper
49	100
129	1.8 0.0 3.8
130	74.9 59.0 88.4





#29

Tetrahydrofuran

Concen: 282.902 ug/l

RT: 5.049 min Scan# 1169

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

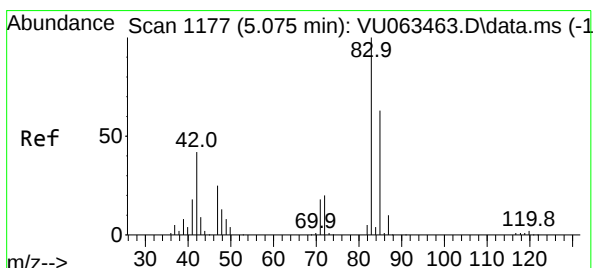
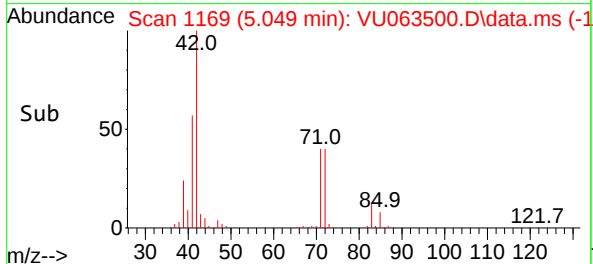
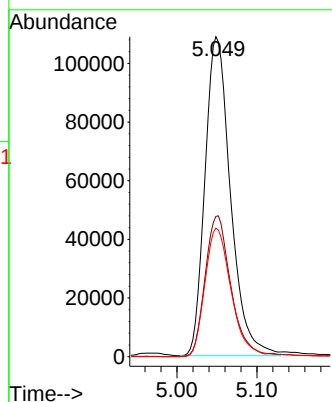
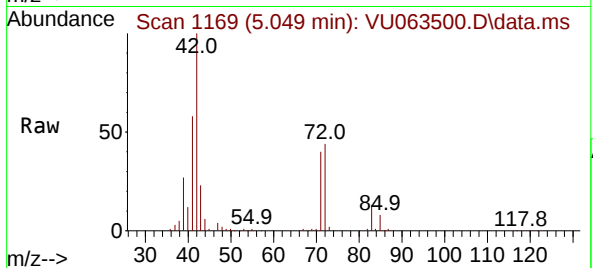
Tgt Ion: 42 Resp: 242055

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

71 41.8 33.3 49.9



#30

Chloroform

Concen: 53.353 ug/l

RT: 5.074 min Scan# 1177

Delta R.T. -0.000 min

Lab File: VU063500.D

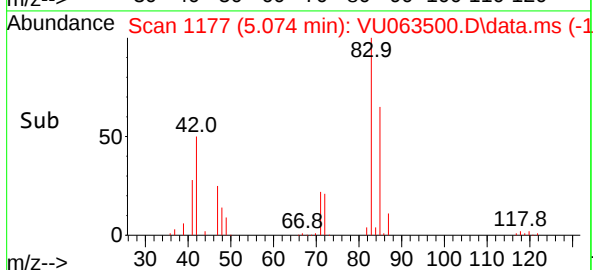
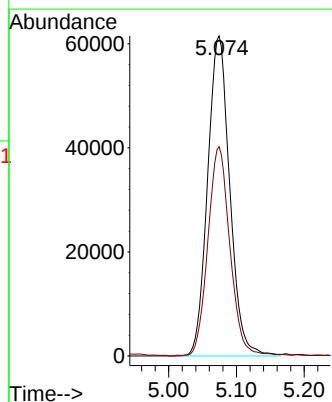
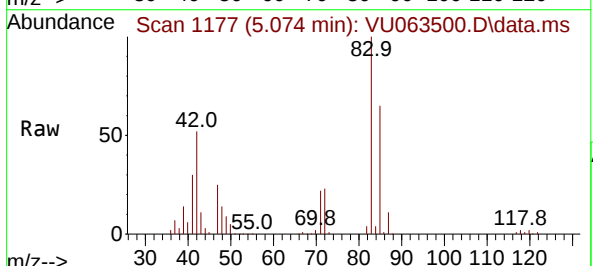
Acq: 14 Jul 2025 08:58

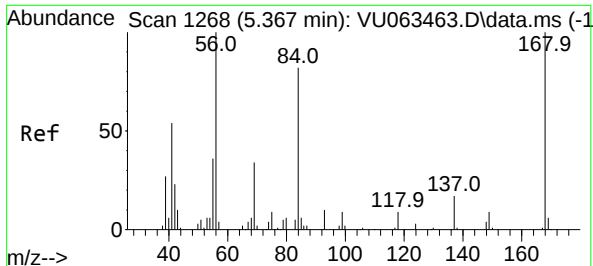
Tgt Ion: 83 Resp: 139553

Ion Ratio Lower Upper

83 100

85 65.2 50.7 76.1

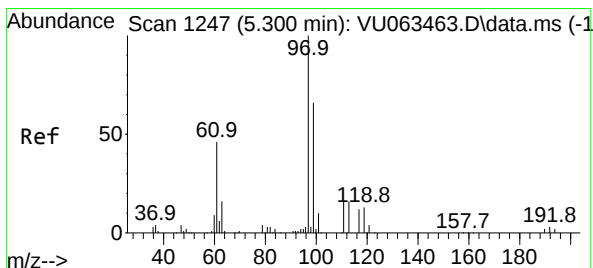
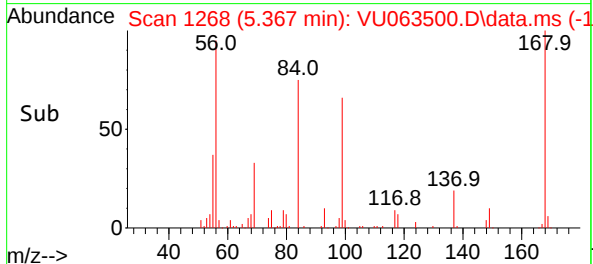
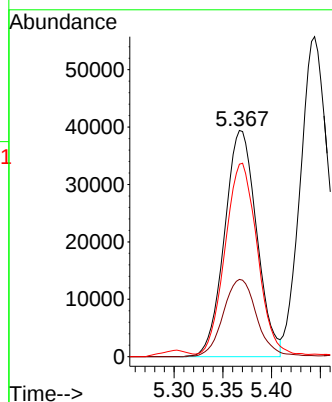
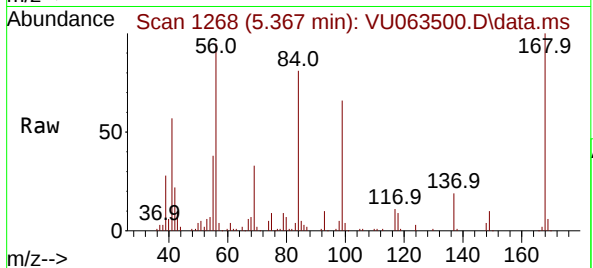




#31
Cyclohexane
Concen: 45.451 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

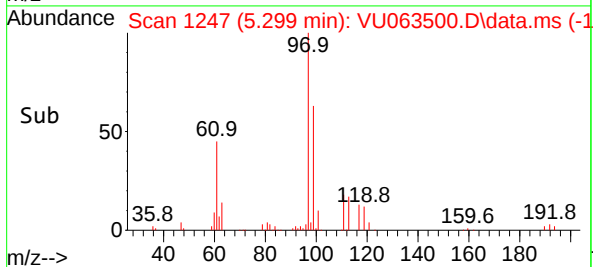
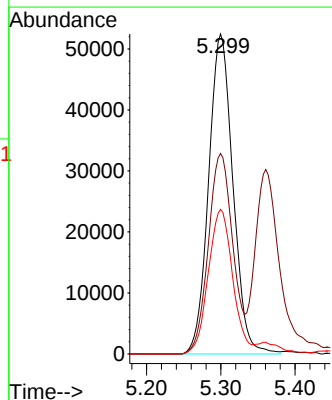
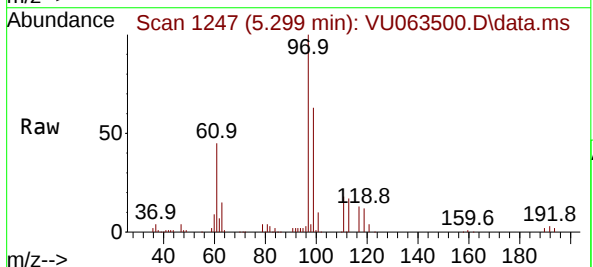
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

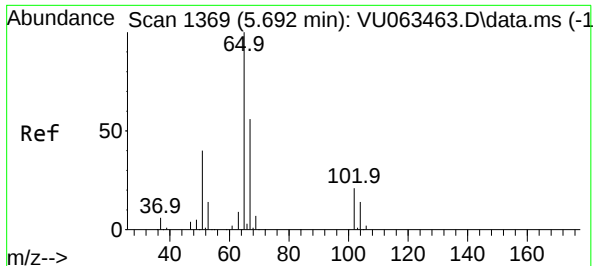
Tgt Ion: 56 Resp: 90521
Ion Ratio Lower Upper
56 100
69 33.7 27.0 40.4
84 82.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 53.527 ug/l
RT: 5.299 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 97 Resp: 119212
Ion Ratio Lower Upper
97 100
99 62.8 50.4 75.6
61 45.5 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 51.287 ug/l

RT: 5.692 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

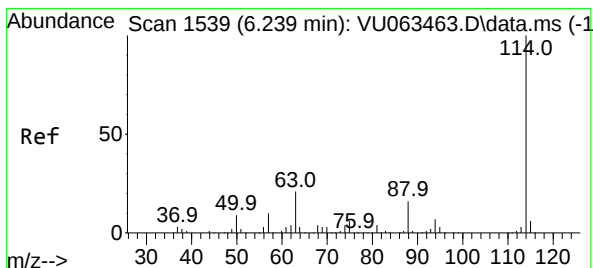
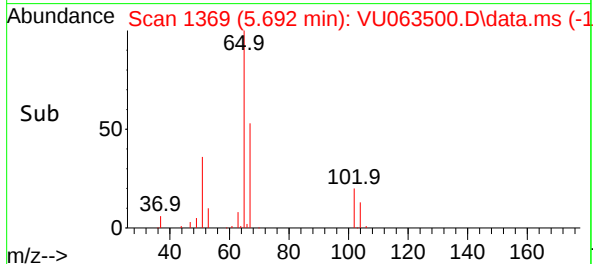
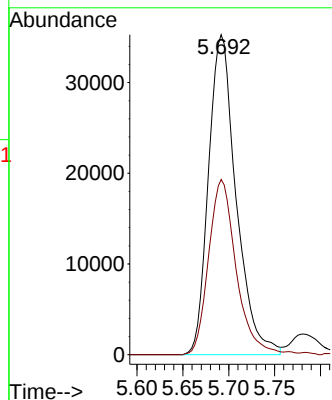
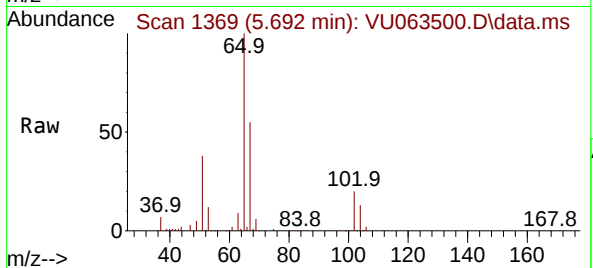
VSTDCCC050

Tgt Ion: 65 Resp: 73871

Ion Ratio Lower Upper

65 100

67 54.4 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: VU063500.D

Acq: 14 Jul 2025 08:58

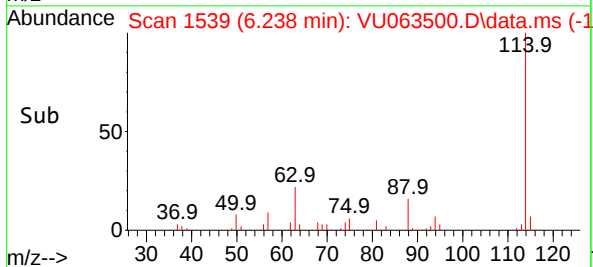
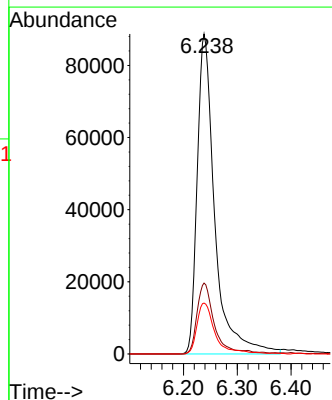
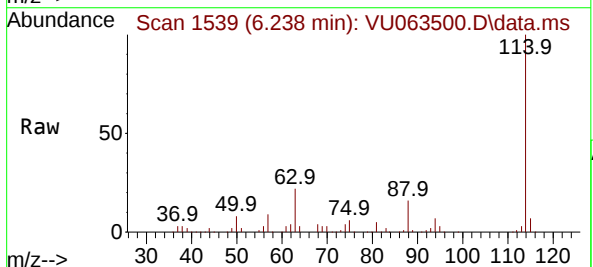
Tgt Ion: 114 Resp: 201207

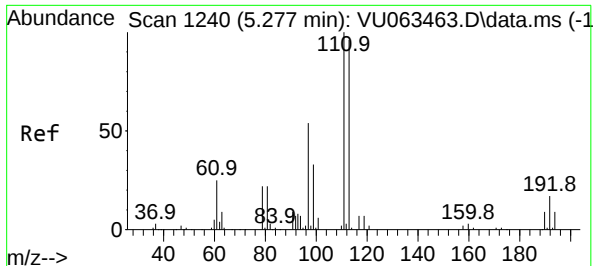
Ion Ratio Lower Upper

114 100

63 22.2 0.0 41.6

88 15.9 0.0 32.0

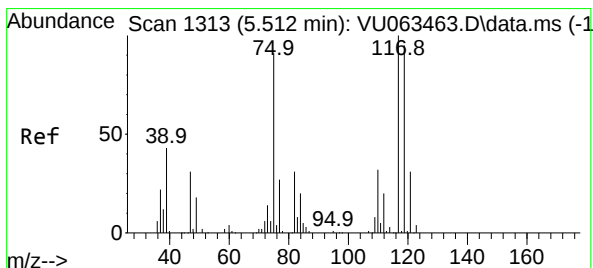
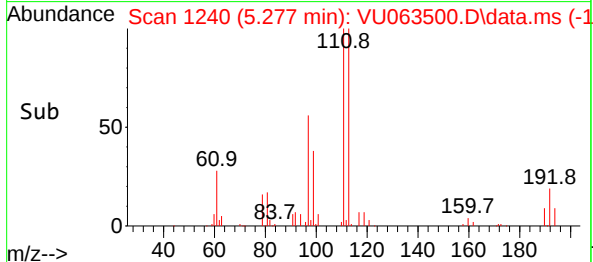
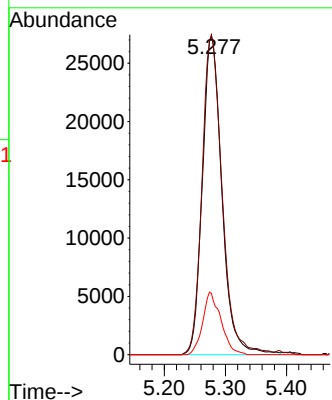
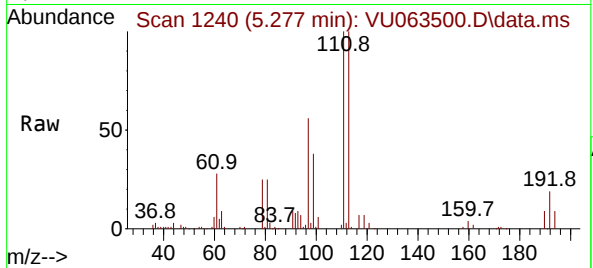




#35
Dibromofluoromethane
Concen: 49.968 ug/l
RT: 5.277 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

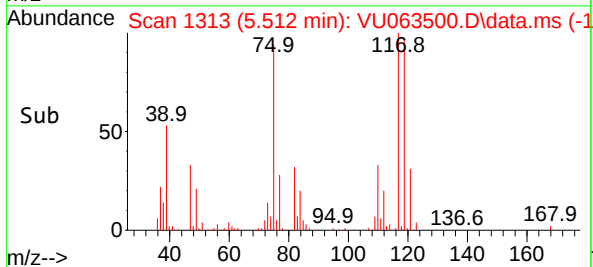
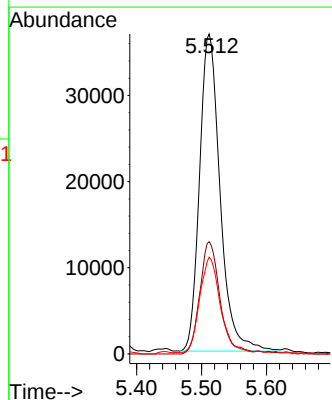
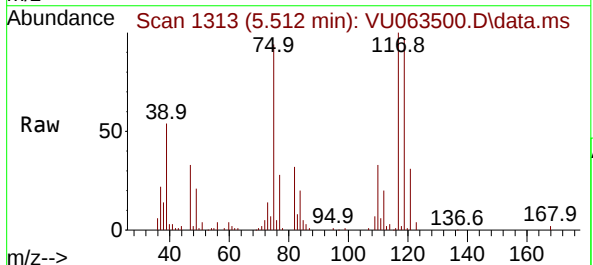
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

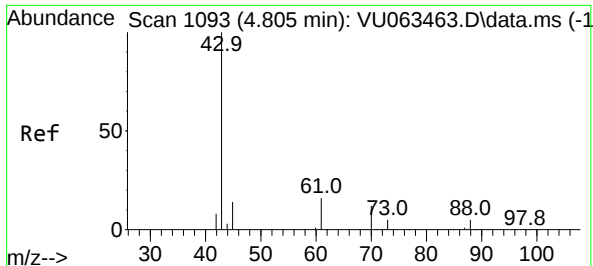
Tgt Ion:113 Resp: 60603
Ion Ratio Lower Upper
113 100
111 103.0 82.1 123.1
192 18.4 14.3 21.5



#36
1,1-Dichloropropene
Concen: 49.259 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 75 Resp: 81178
Ion Ratio Lower Upper
75 100
110 34.7 17.3 52.0
77 29.8 23.9 35.9





#37

Ethyl Acetate

Concen: 49.317 ug/l

RT: 4.804 min Scan# 1093

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

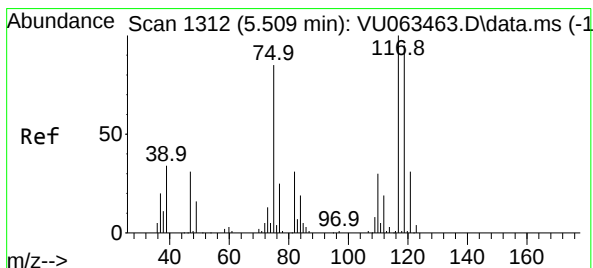
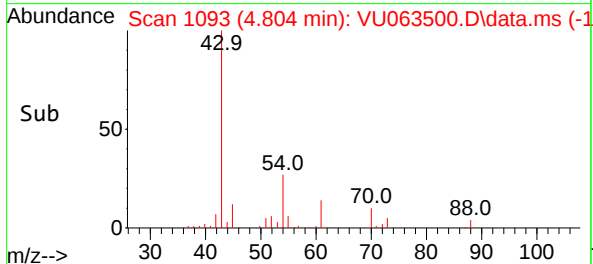
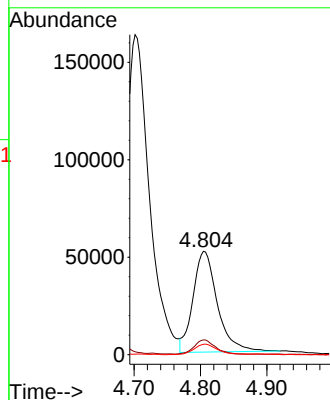
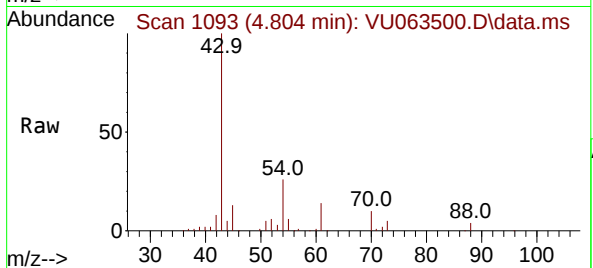
Tgt Ion: 43 Resp: 131622

Ion Ratio Lower Upper

43 100

61 12.1 10.4 15.6

70 10.1 7.8 11.8



#38

Carbon Tetrachloride

Concen: 49.997 ug/l

RT: 5.508 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

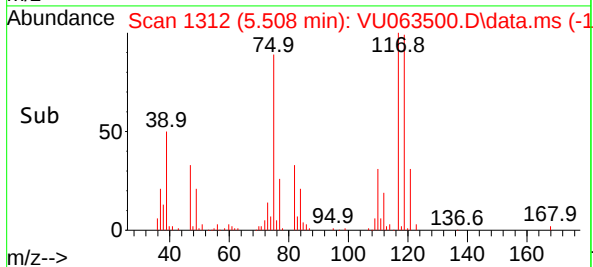
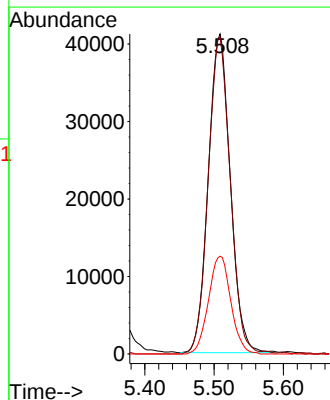
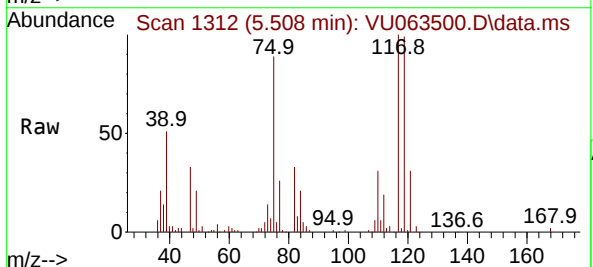
Tgt Ion: 117 Resp: 90784

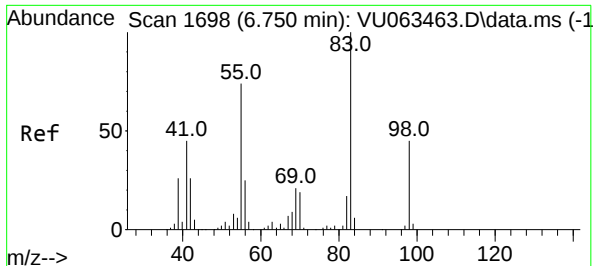
Ion Ratio Lower Upper

117 100

119 99.5 76.1 114.1

121 30.7 25.0 37.4





#39

Methylcyclohexane

Concen: 46.393 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

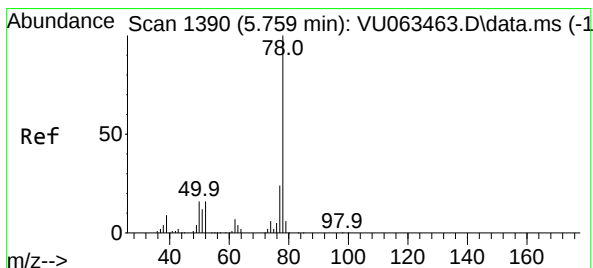
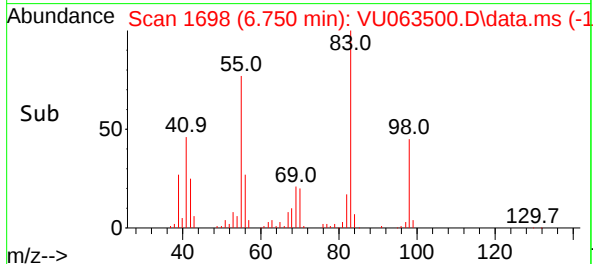
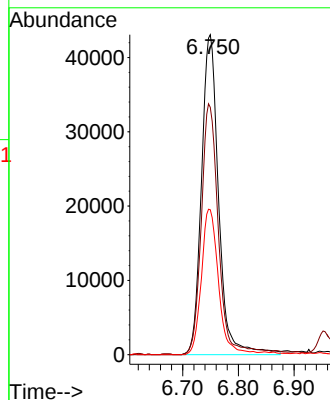
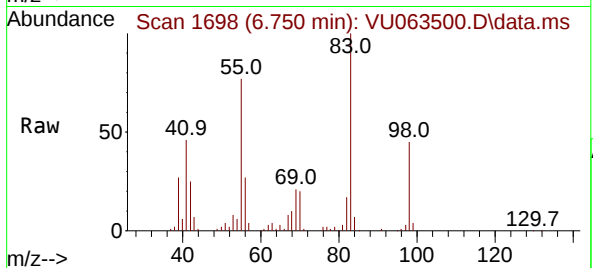
Tgt Ion: 83 Resp: 92379

Ion Ratio Lower Upper

83 100

55 77.3 59.4 89.2

98 45.3 36.2 54.4



#40

Benzene

Concen: 51.625 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063500.D

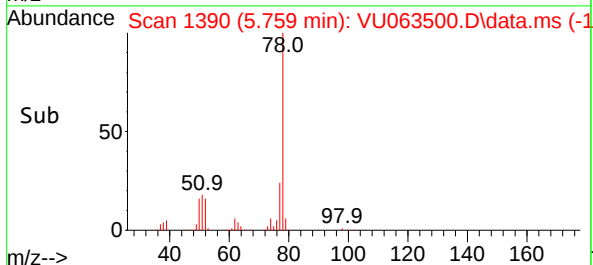
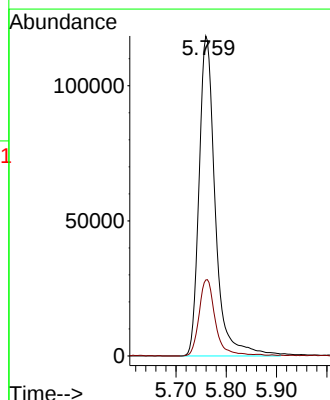
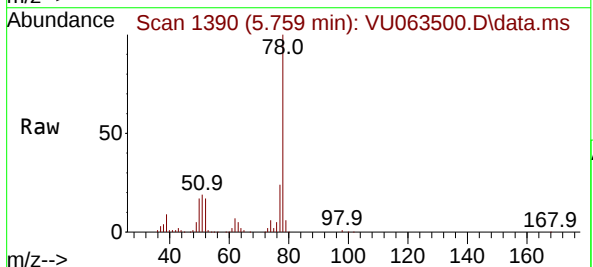
Acq: 14 Jul 2025 08:58

Tgt Ion: 78 Resp: 265700

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4

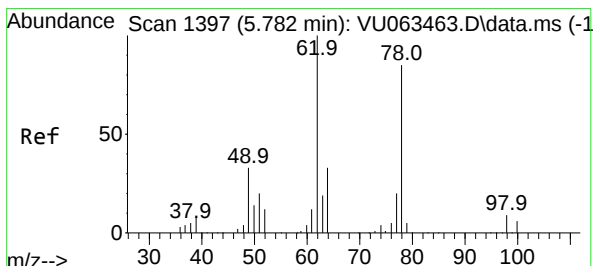
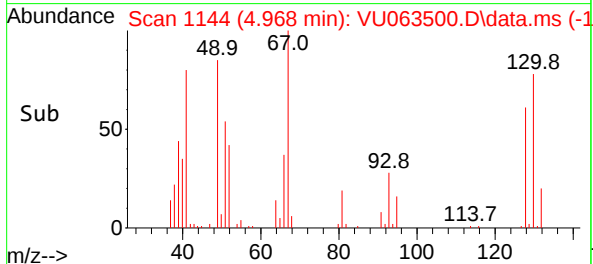
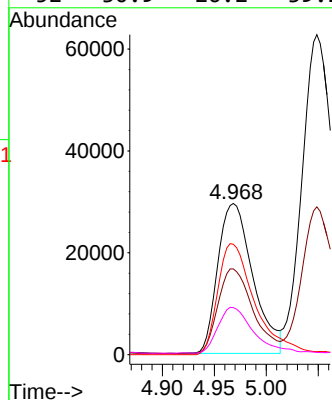
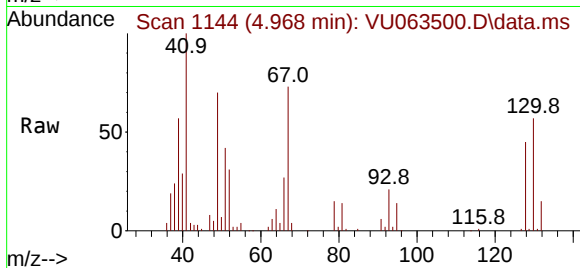




#41
Methacrylonitrile
Concen: 54.909 ug/l
RT: 4.968 min Scan# 1144
Delta R.T. 0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

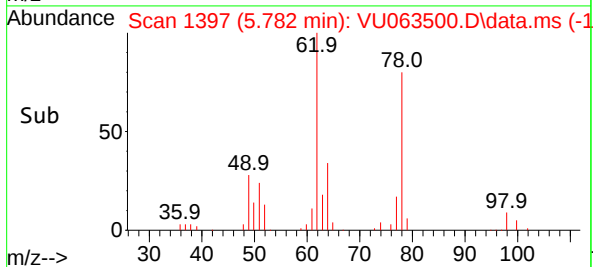
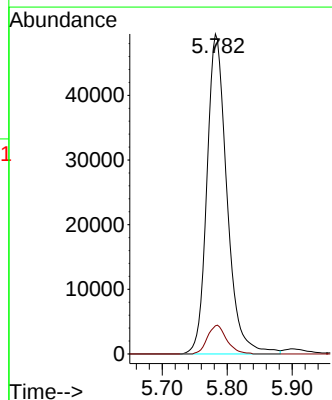
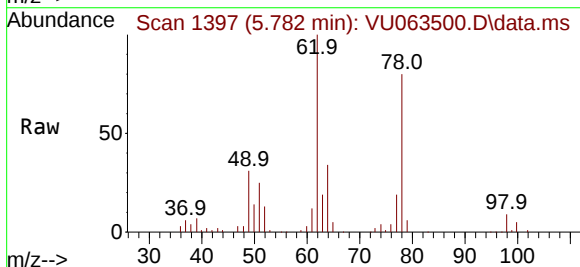
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

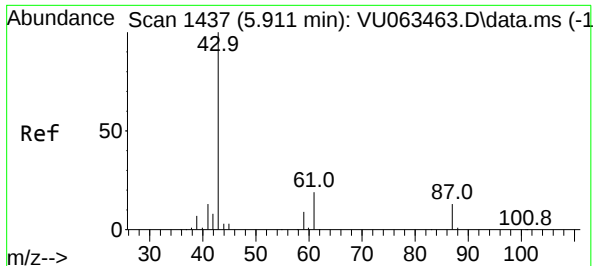
Tgt Ion: 41 Resp: 69150
Ion Ratio Lower Upper
41 100
39 56.7 43.6 65.4
67 79.3 62.8 94.2
52 30.9 26.2 39.2



#42
1,2-Dichloroethane
Concen: 54.823 ug/l
RT: 5.782 min Scan# 1397
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 62 Resp: 106096
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.6





#43

Isopropyl Acetate

Concen: 55.182 ug/l

RT: 5.910 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

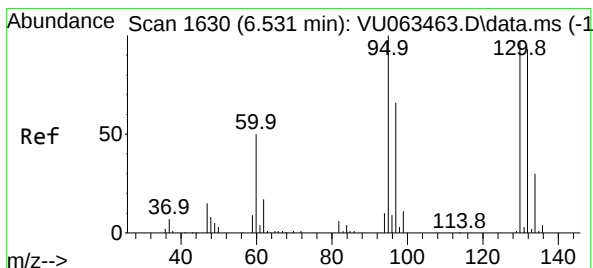
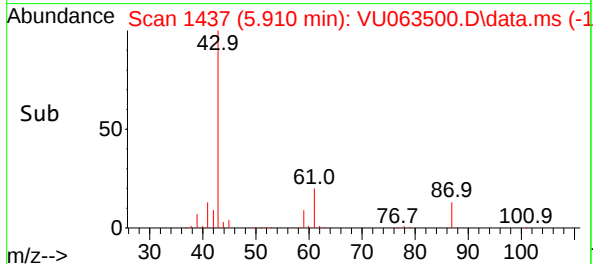
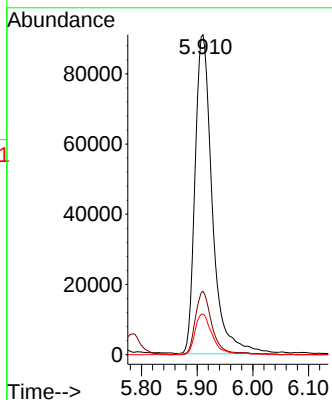
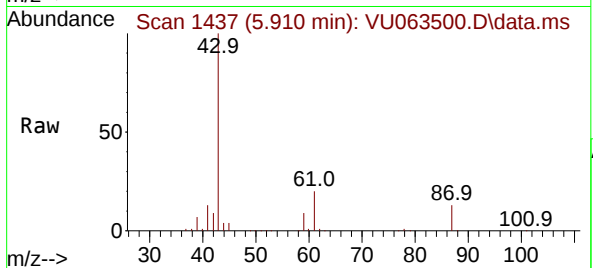
Tgt Ion: 43 Resp: 195624

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.2

87 12.6 10.5 15.7



#44

Trichloroethene

Concen: 49.460 ug/l

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU063500.D

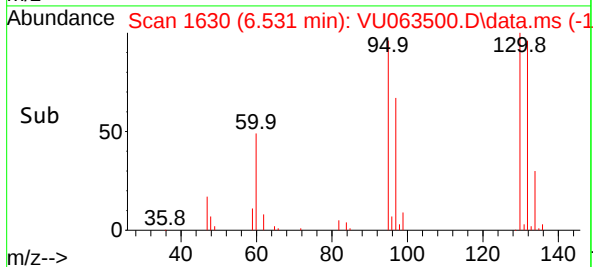
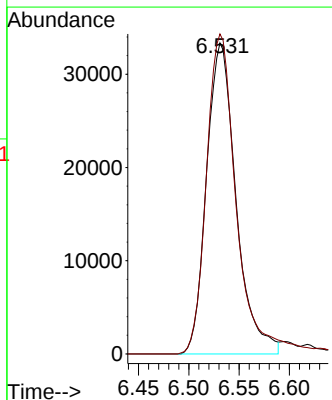
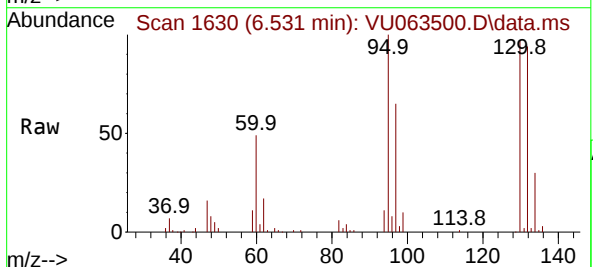
Acq: 14 Jul 2025 08:58

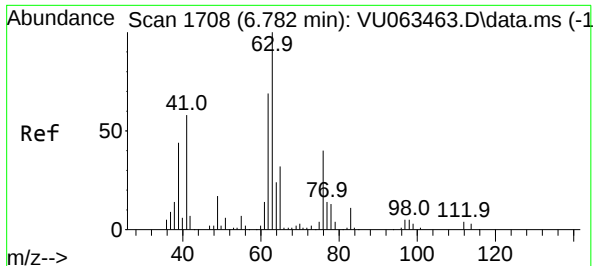
Tgt Ion:130 Resp: 68121

Ion Ratio Lower Upper

130 100

95 102.9 0.0 206.4





#45

1,2-Dichloropropane

Concen: 53.223 ug/l

RT: 6.779 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

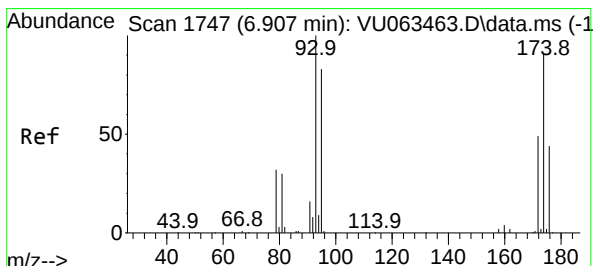
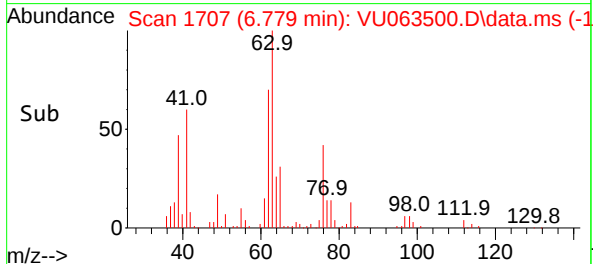
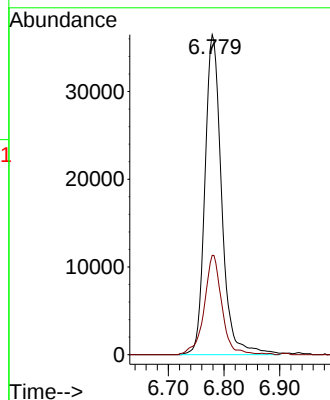
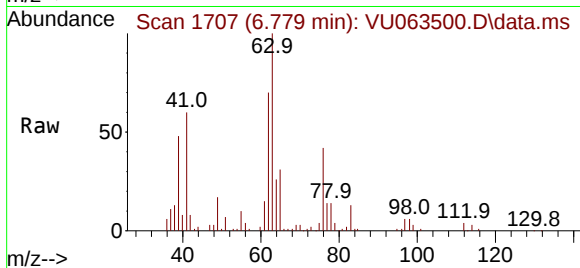
VSTDCCC050

Tgt Ion: 63 Resp: 76149

Ion Ratio Lower Upper

63 100

65 30.8 25.3 37.9



#46

Dibromomethane

Concen: 53.752 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

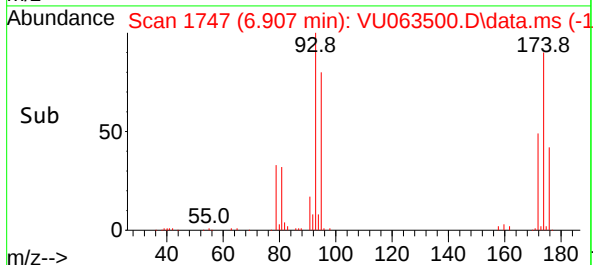
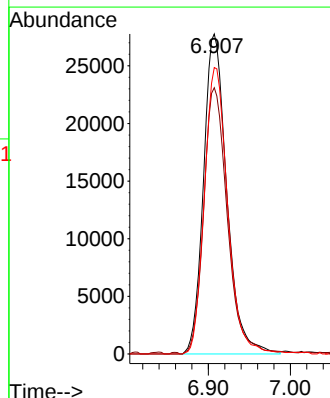
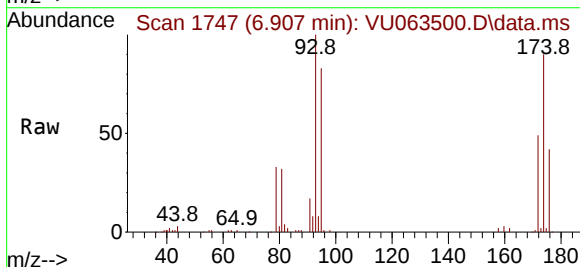
Tgt Ion: 93 Resp: 54718

Ion Ratio Lower Upper

93 100

95 84.8 67.5 101.3

174 89.8 73.1 109.7





#47

Bromodichloromethane

Concen: 52.322 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

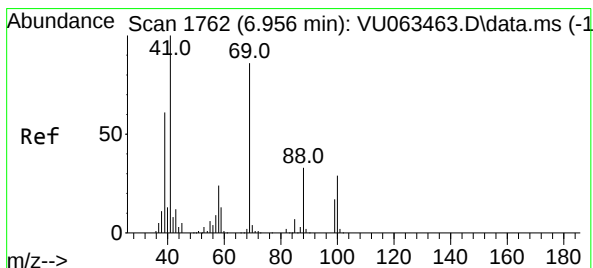
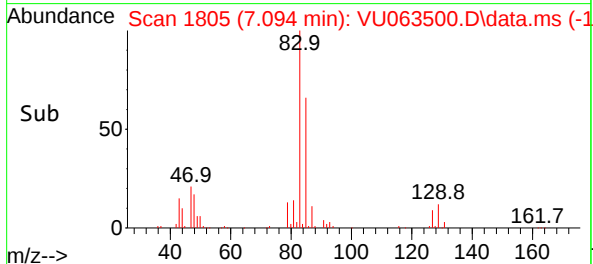
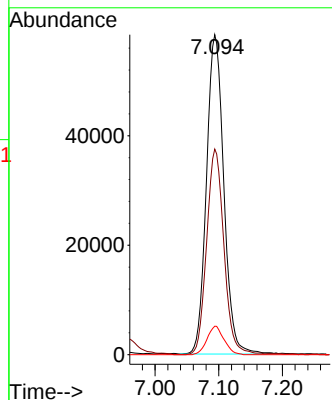
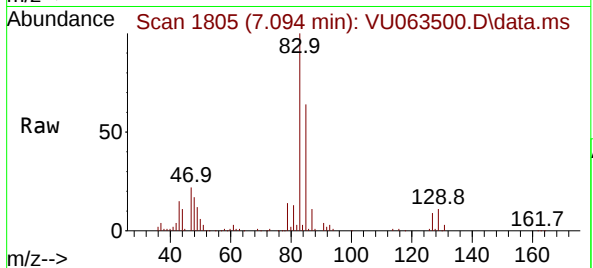
Tgt Ion: 83 Resp: 110753

Ion Ratio Lower Upper

83 100

85 64.4 51.4 77.0

127 8.9 7.0 10.4



#48

Methyl methacrylate

Concen: 54.883 ug/l

RT: 6.955 min Scan# 1762

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

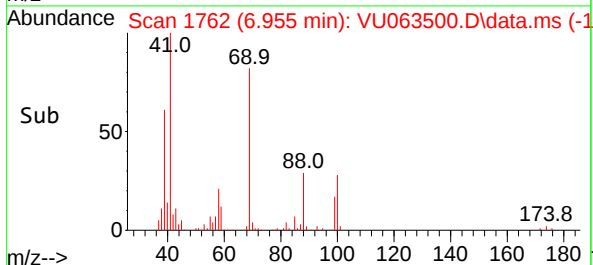
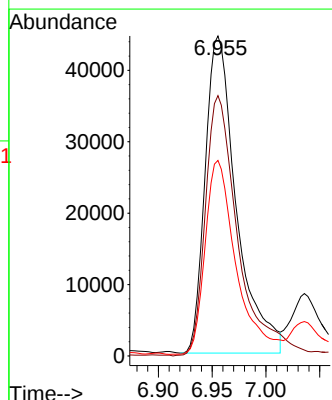
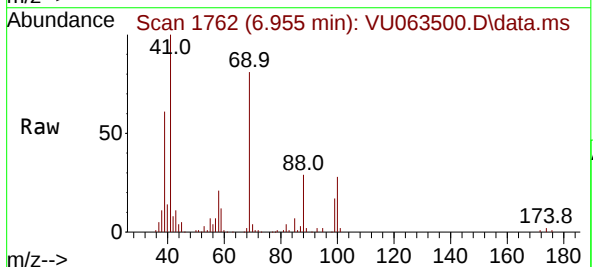
Tgt Ion: 41 Resp: 89925

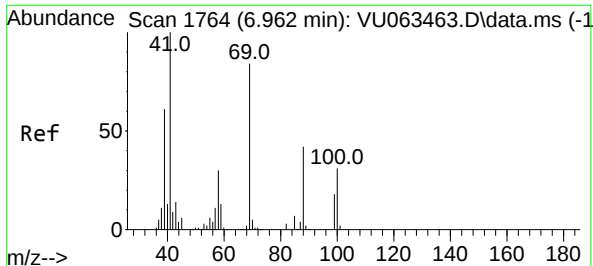
Ion Ratio Lower Upper

41 100

69 86.3 69.8 104.8

39 60.8 48.3 72.5





#49

1,4-Dioxane

Concen: 870.575 ug/l

RT: 6.959 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

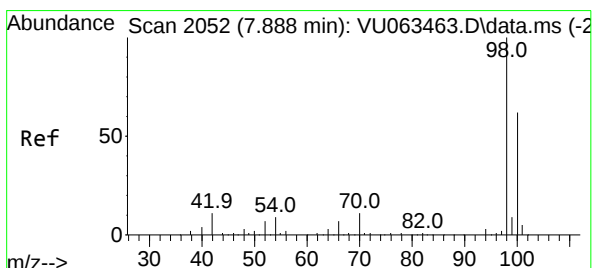
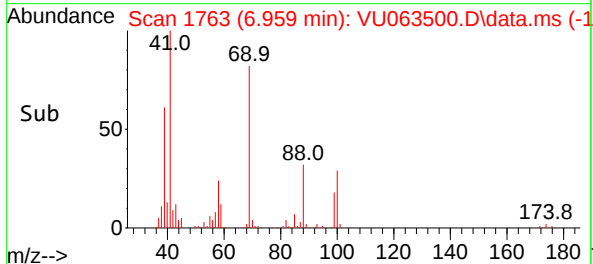
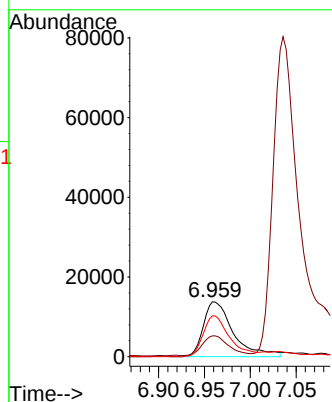
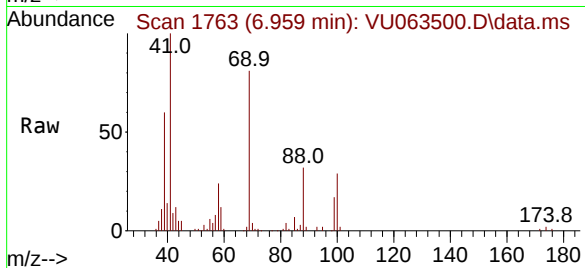
Tgt Ion: 88 Resp: 31301

Ion Ratio Lower Upper

88 100

43 31.0 25.6 38.4

58 65.3 55.0 82.6



#50

Toluene-d8

Concen: 47.759 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063500.D

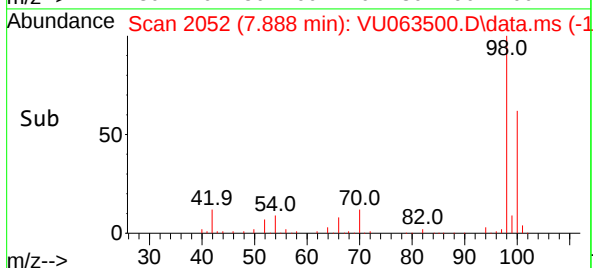
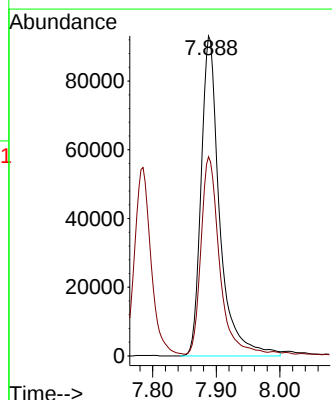
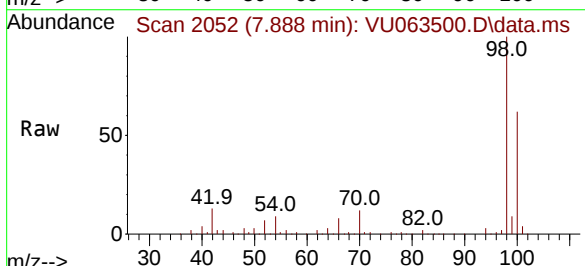
Acq: 14 Jul 2025 08:58

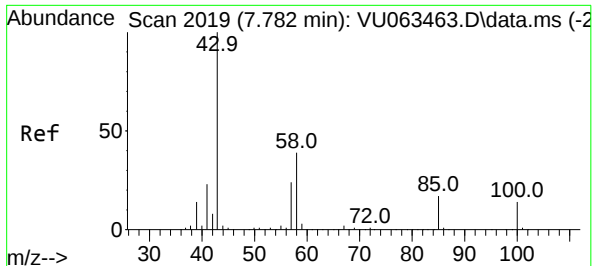
Tgt Ion: 98 Resp: 188813

Ion Ratio Lower Upper

98 100

100 61.1 48.1 72.1

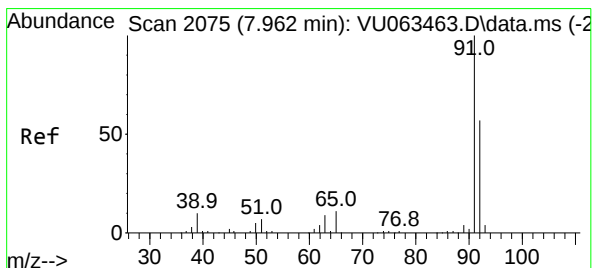
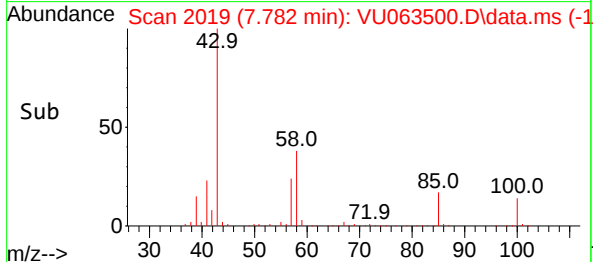
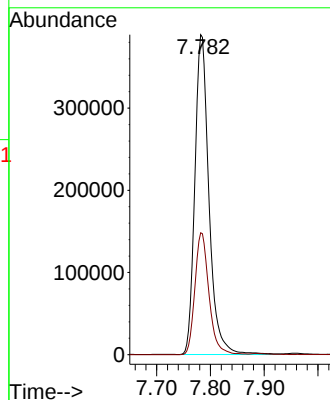
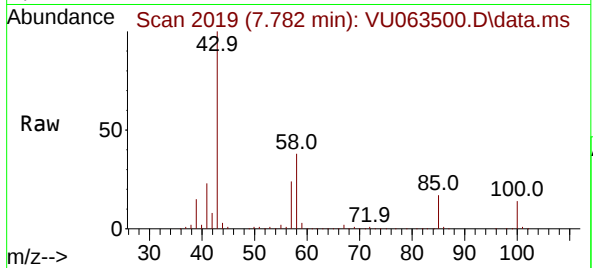




#51
4-Methyl-2-Pentanone
Concen: 276.903 ug/l
RT: 7.782 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

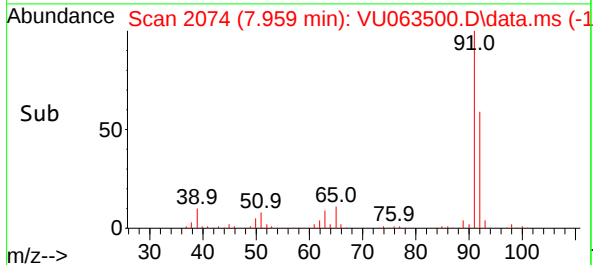
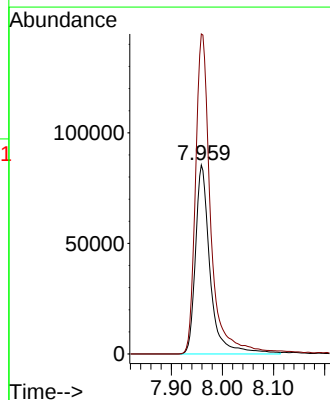
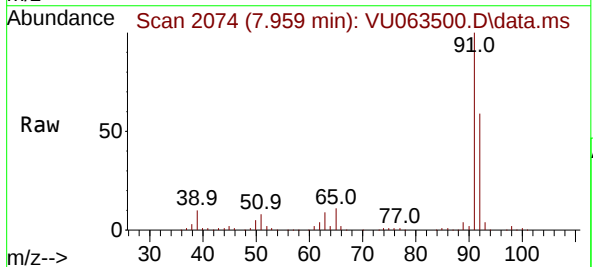
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

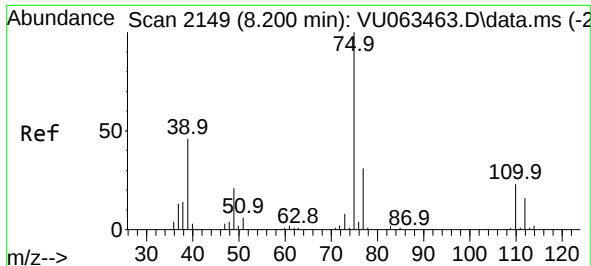
Tgt Ion: 43 Resp: 710495
Ion Ratio Lower Upper
43 100
58 38.1 31.0 46.4



#52
Toluene
Concen: 50.740 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 92 Resp: 170809
Ion Ratio Lower Upper
92 100
91 176.0 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 53.323 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

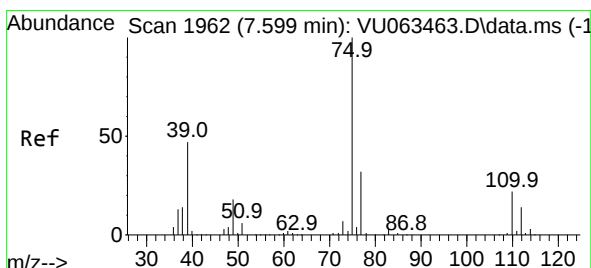
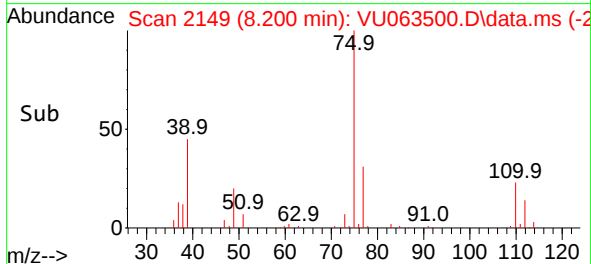
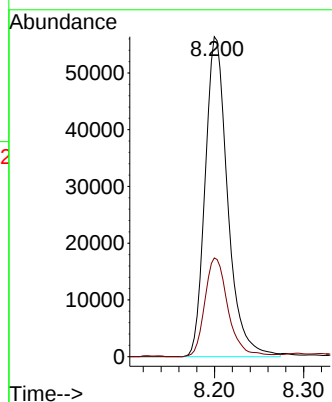
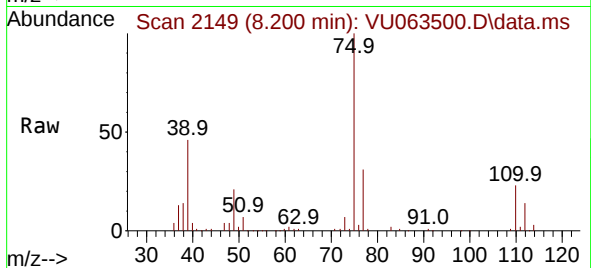
VSTDCCC050

Tgt Ion: 75 Resp: 98770

Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 54.998 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

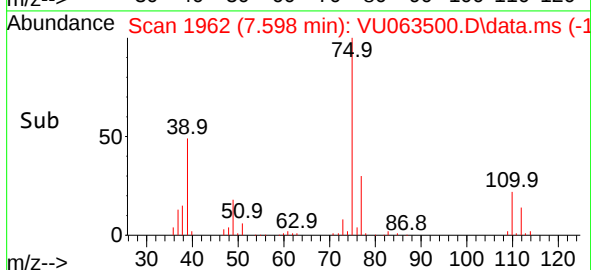
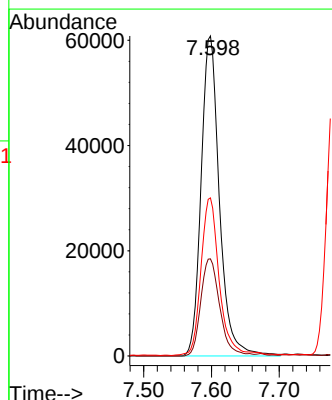
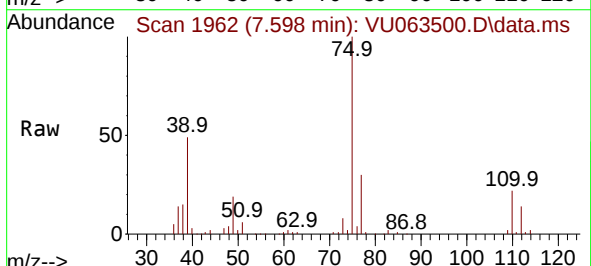
Tgt Ion: 75 Resp: 114039

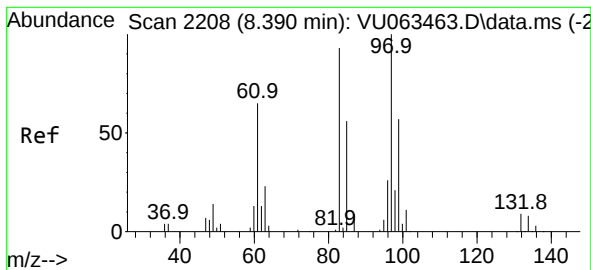
Ion Ratio Lower Upper

75 100

77 30.4 25.4 38.0

39 49.0 37.2 55.8





#55

1,1,2-Trichloroethane

Concen: 53.195 ug/l

RT: 8.389 min Scan# 2188

Delta R.T. -0.000 min

Lab File: VU063500.D

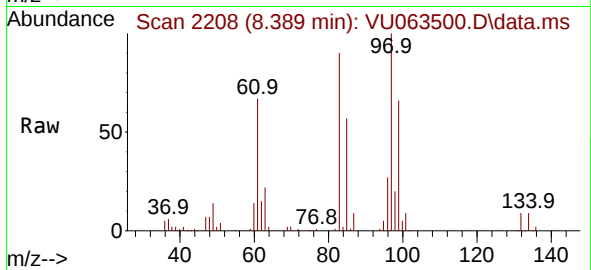
Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

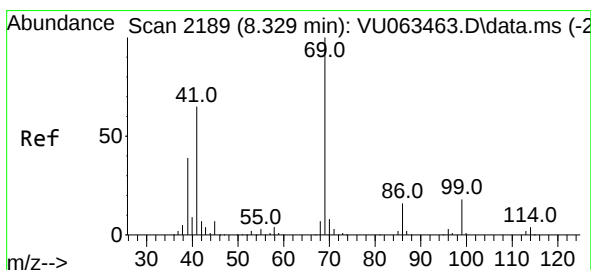
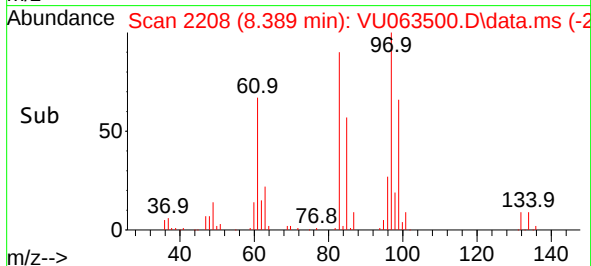
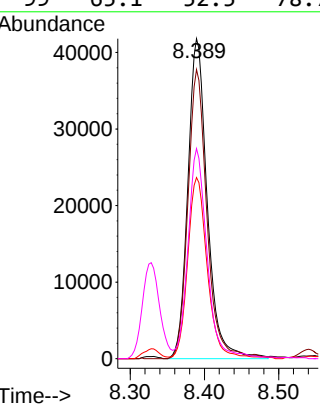
ClientSampleId :

VSTDCCC050



Tgt Ion: 97 Resp: 76049

Ion	Ratio	Lower	Upper
97	100		
83	90.3	74.2	111.4
85	56.1	45.8	68.8
99	65.1	52.5	78.7



#56

Ethyl methacrylate

Concen: 51.180 ug/l

RT: 8.325 min Scan# 2188

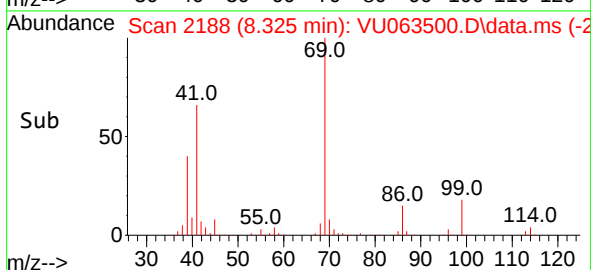
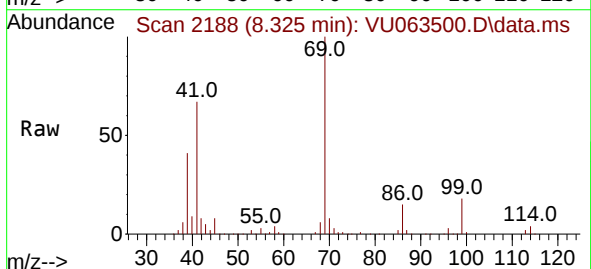
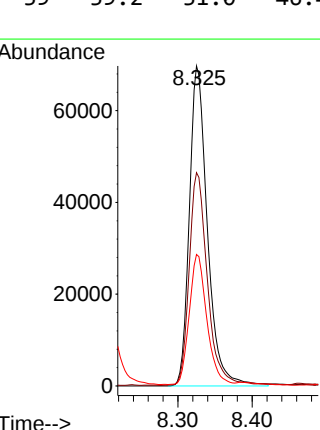
Delta R.T. -0.003 min

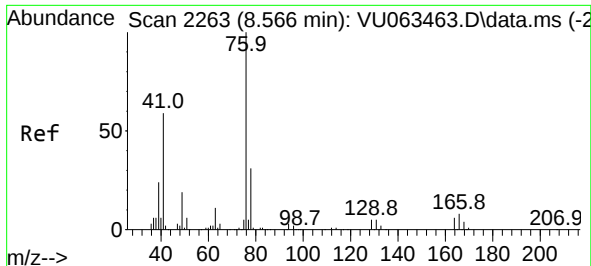
Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Tgt Ion: 69 Resp: 118029

Ion	Ratio	Lower	Upper
69	100		
41	67.2	53.0	79.6
39	39.2	31.0	46.4

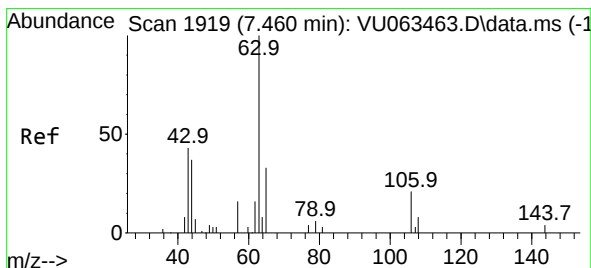
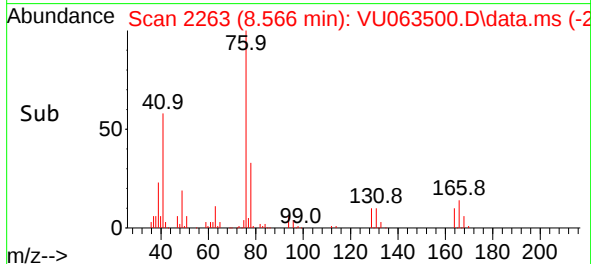
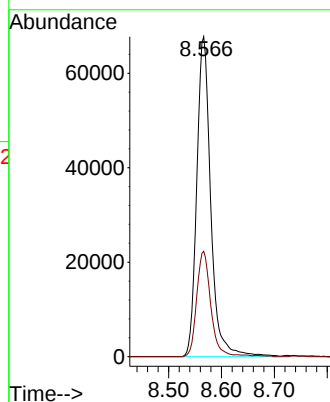
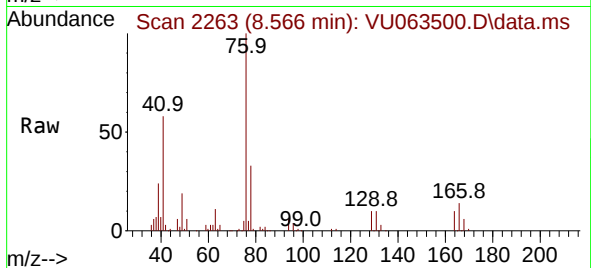




#57
1,3-Dichloropropane
Concen: 52.943 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

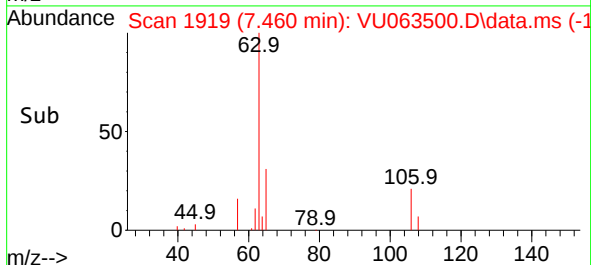
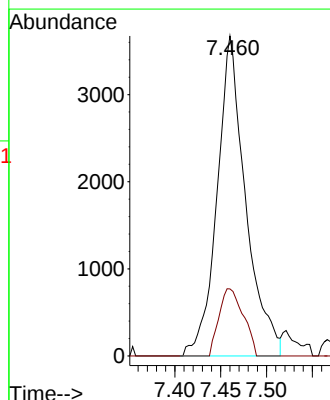
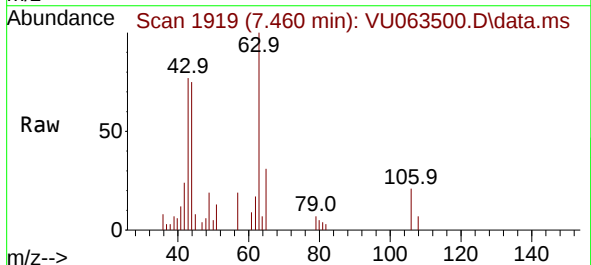
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

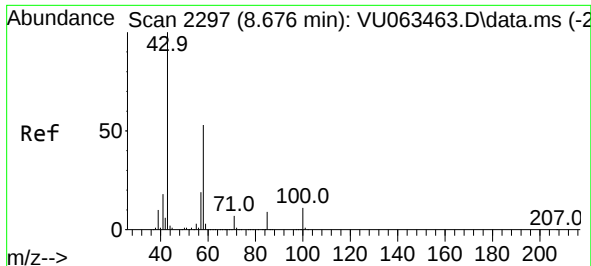
Tgt Ion: 76 Resp: 124763
Ion Ratio Lower Upper
76 100
78 32.7 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 332.481 ug/l
RT: 7.460 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 63 Resp: 7962
Ion Ratio Lower Upper
63 100
106 17.8 11.5 17.3#

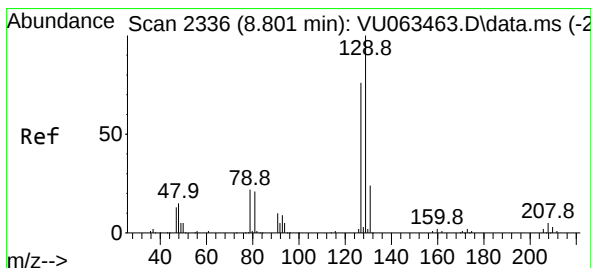
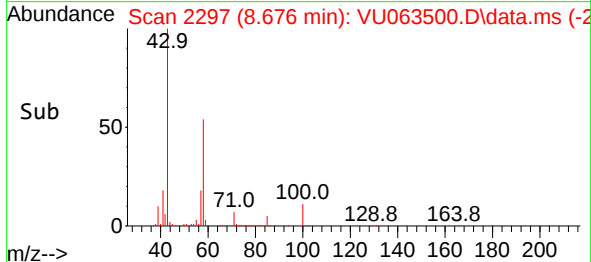
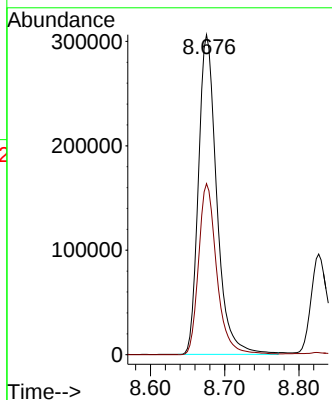
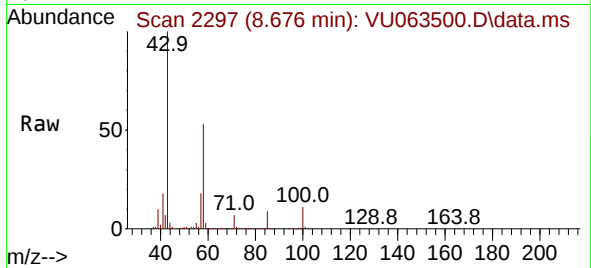




#59
2-Hexanone
Concen: 270.369 ug/l
RT: 8.676 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

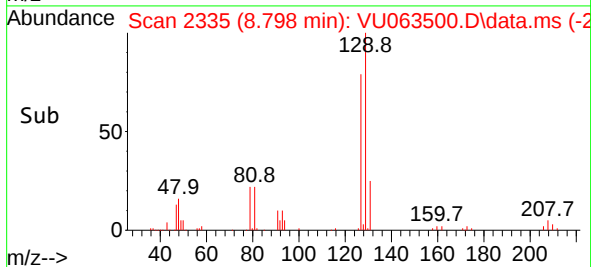
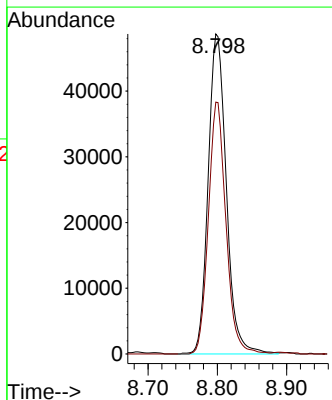
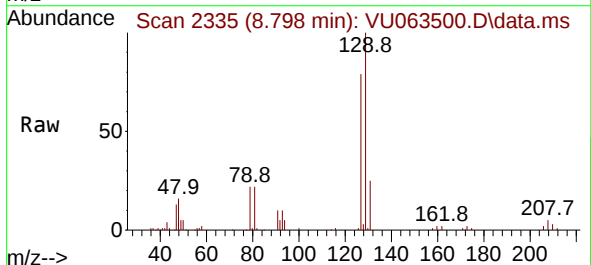
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

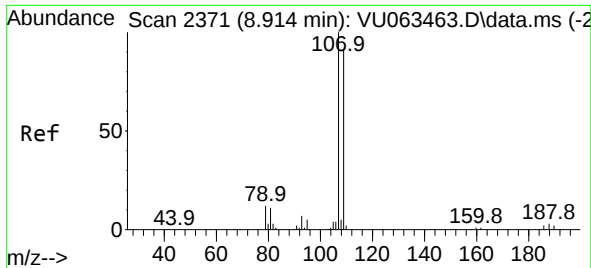
Tgt Ion: 43 Resp: 524709
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7



#60
Dibromochloromethane
Concen: 55.297 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 129 Resp: 88560
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2

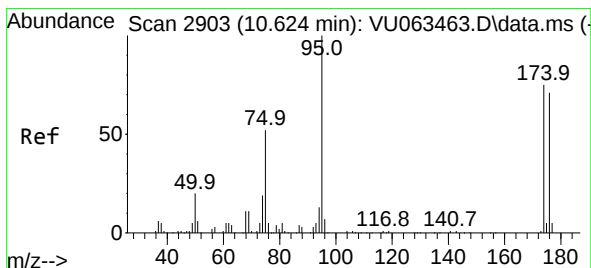
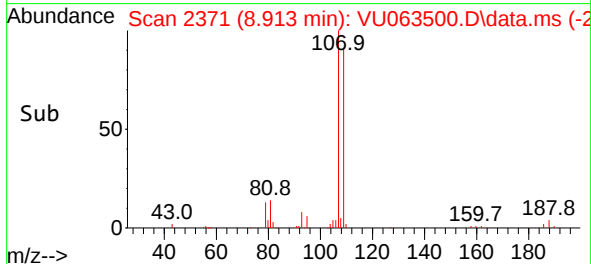
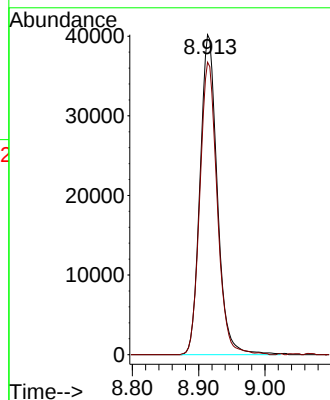
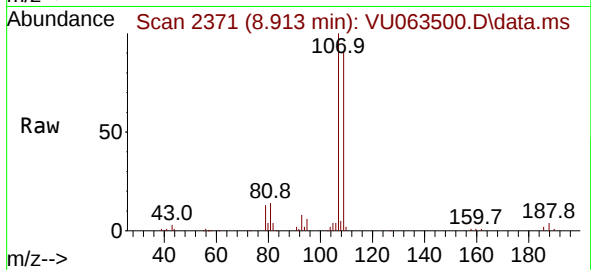




#61
1,2-Dibromoethane
Concen: 51.820 ug/l
RT: 8.913 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

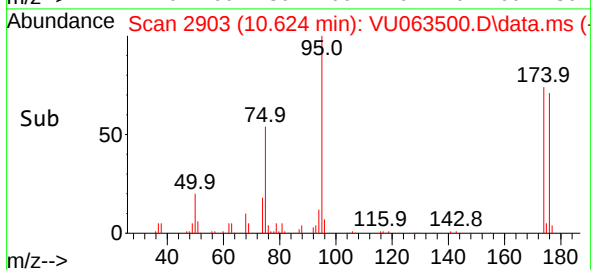
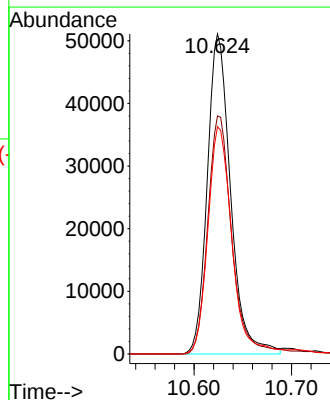
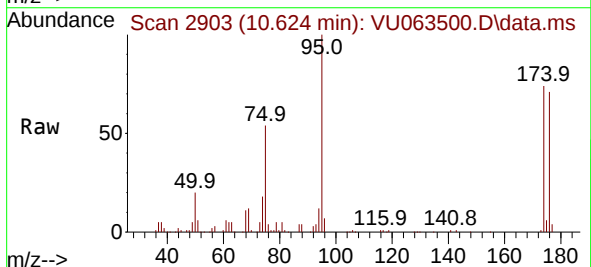
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

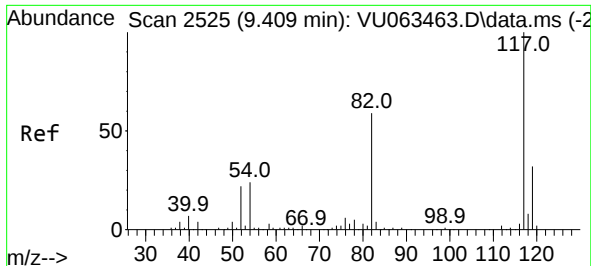
Tgt Ion:107 Resp: 72712
Ion Ratio Lower Upper
107 100
109 91.9 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 49.113 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 95 Resp: 84930
Ion Ratio Lower Upper
95 100
174 77.5 0.0 153.6
176 73.3 0.0 145.8

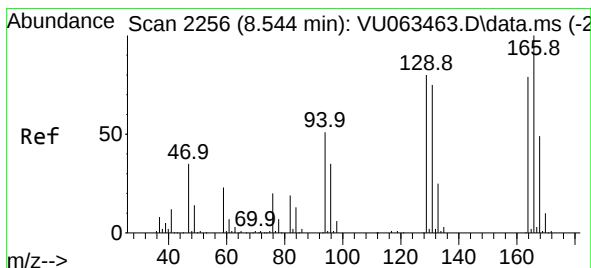
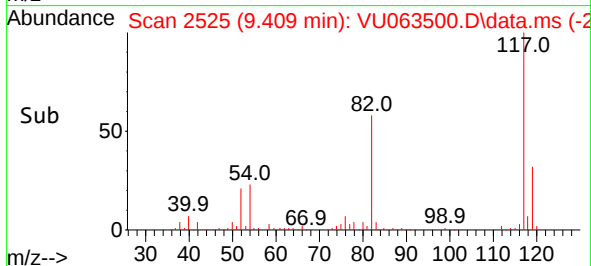
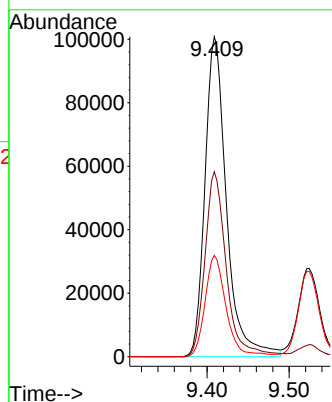
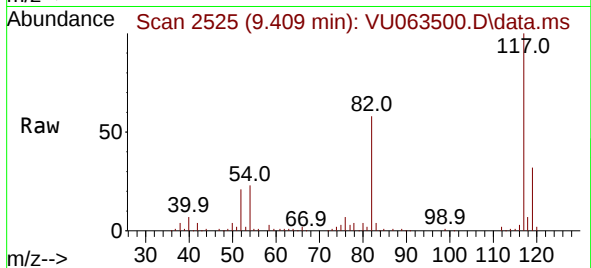




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

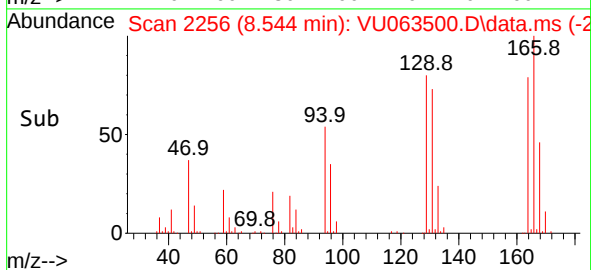
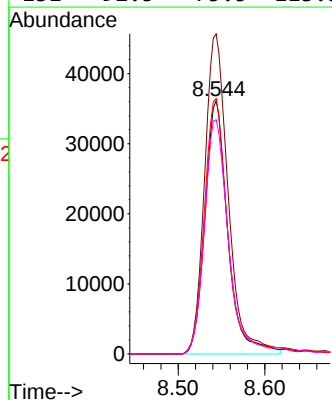
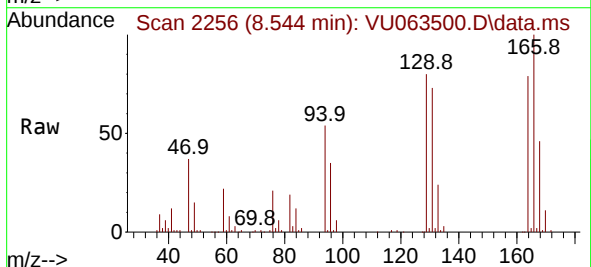
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

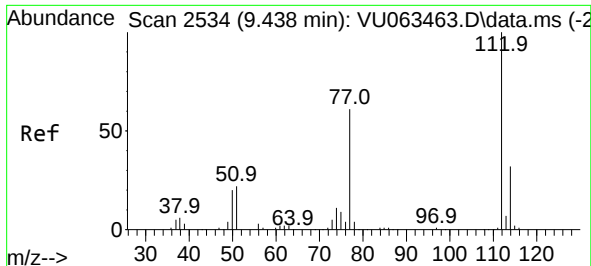
Tgt Ion:117 Resp: 183301
Ion Ratio Lower Upper
117 100
82 57.8 47.1 70.7
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 48.417 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:164 Resp: 66067
Ion Ratio Lower Upper
164 100
166 126.3 100.9 151.3
129 100.8 80.9 121.3
131 92.5 75.5 113.3

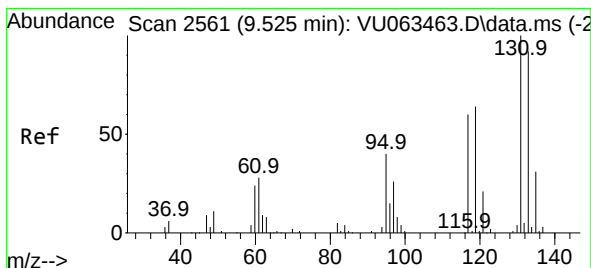
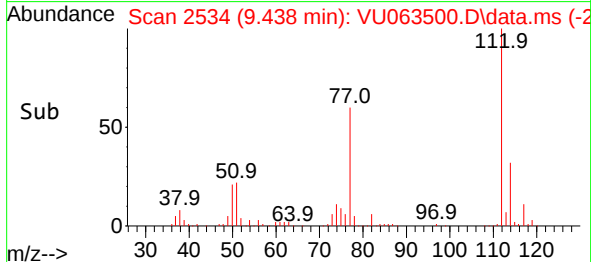
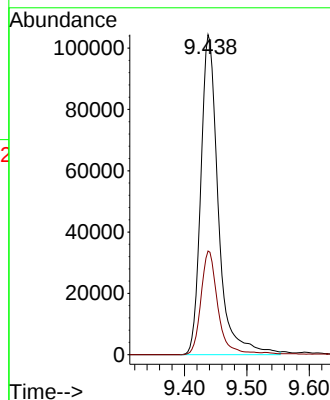
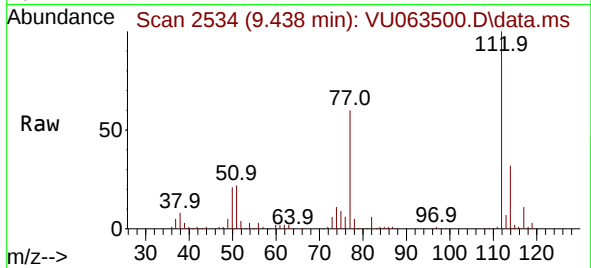




#65
Chlorobenzene
Concen: 53.442 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

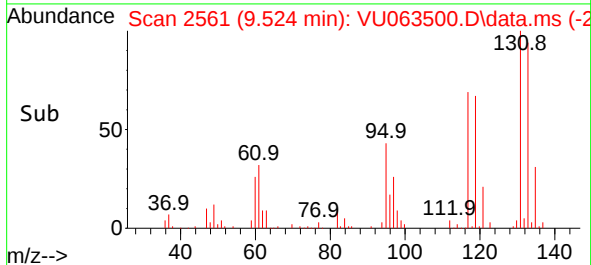
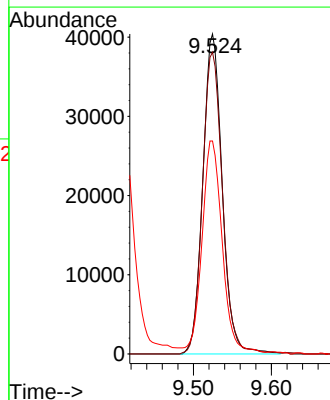
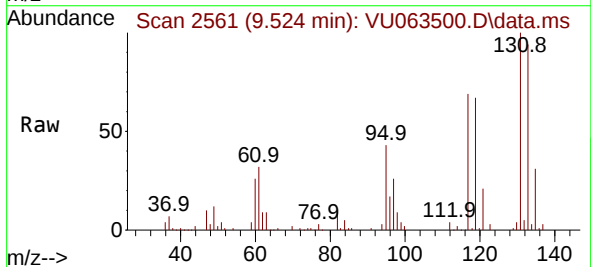
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

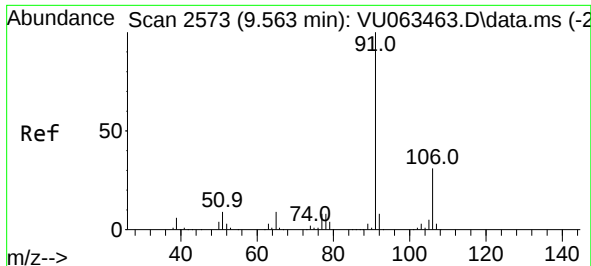
Tgt Ion:112 Resp: 203806
Ion Ratio Lower Upper
112 100
114 32.4 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 53.472 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:131 Resp: 69934
Ion Ratio Lower Upper
131 100
133 97.1 46.4 139.2
119 68.4 33.3 99.9





#67

Ethyl Benzene

Concen: 51.776 ug/l

RT: 9.560 min Scan# 2

Delta R.T. -0.003 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

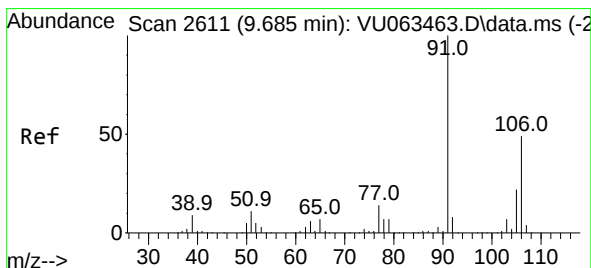
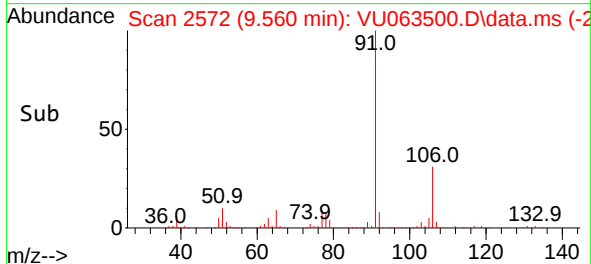
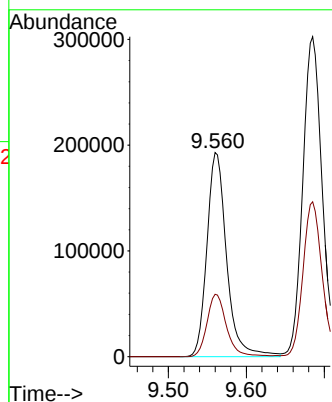
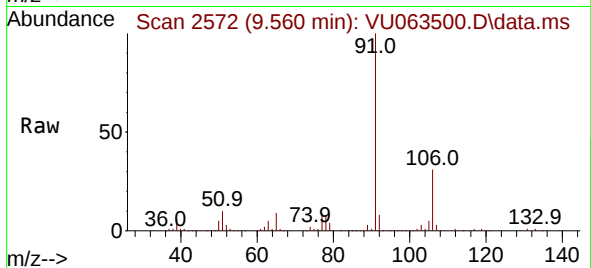
VSTDCCC050

Tgt Ion: 91 Resp: 339356

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 101.949 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063500.D

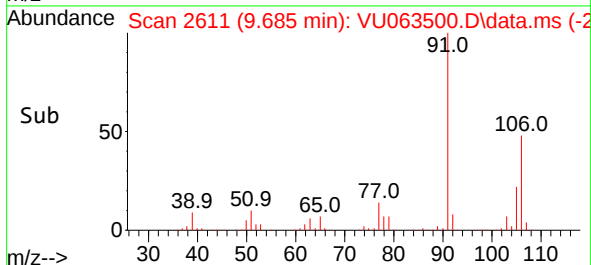
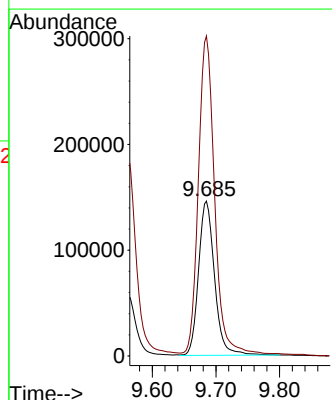
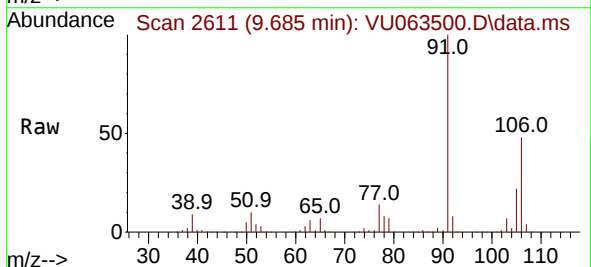
Acq: 14 Jul 2025 08:58

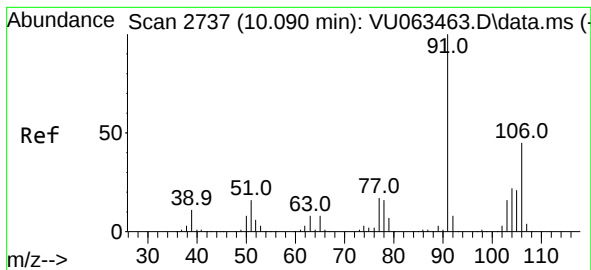
Tgt Ion:106 Resp: 255020

Ion Ratio Lower Upper

106 100

91 215.3 163.6 245.4

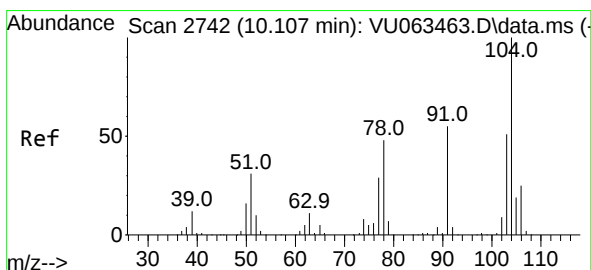
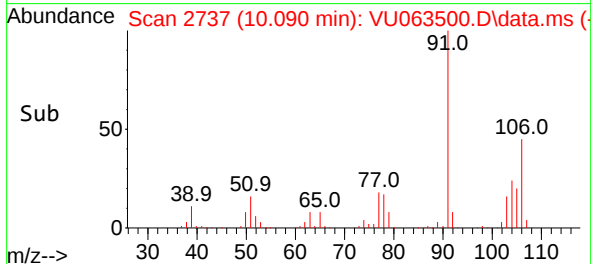
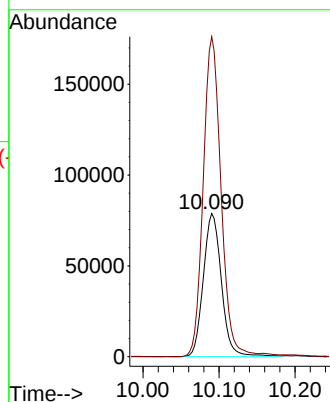
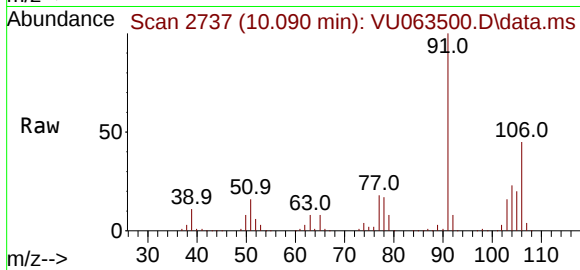




#69
o-Xylene
Concen: 51.310 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

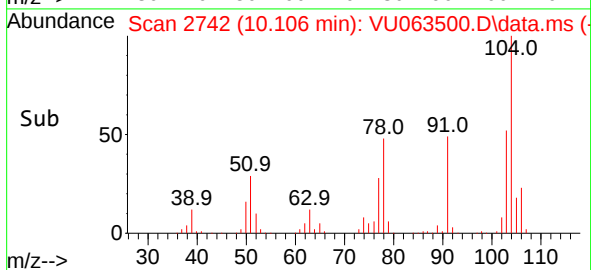
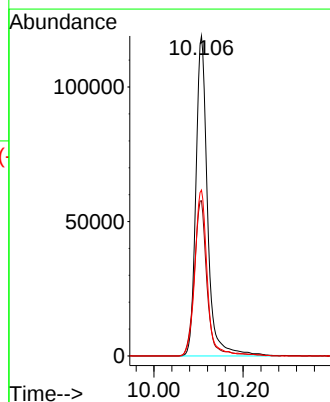
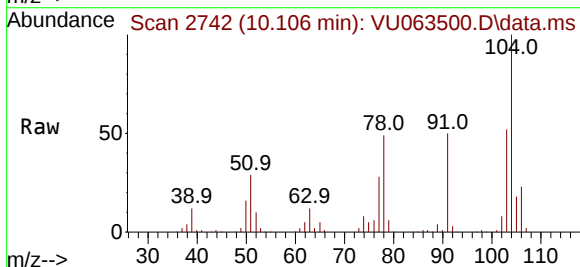
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

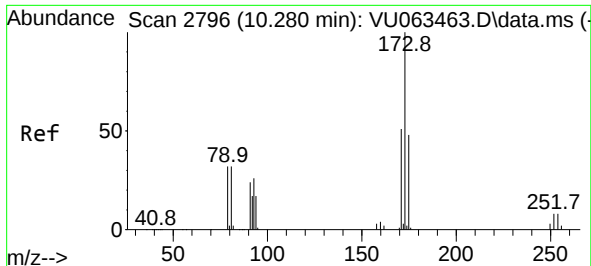
Tgt Ion:106 Resp: 130492
Ion Ratio Lower Upper
106 100
91 219.0 110.7 331.9



#70
Styrene
Concen: 53.899 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:104 Resp: 217955
Ion Ratio Lower Upper
104 100
78 53.0 41.4 62.0
103 54.5 44.3 66.5

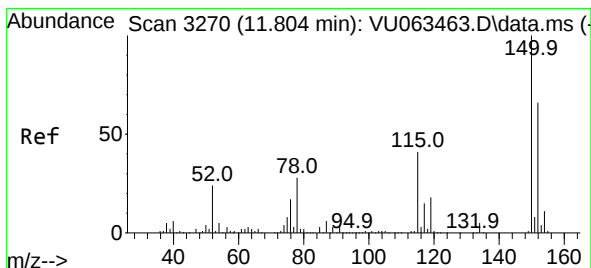
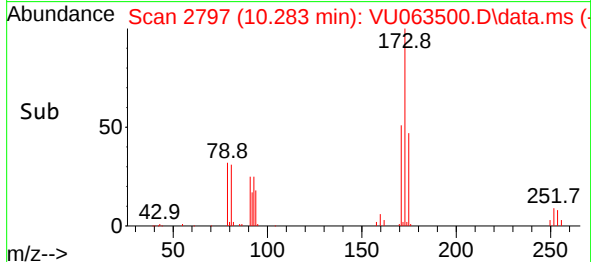
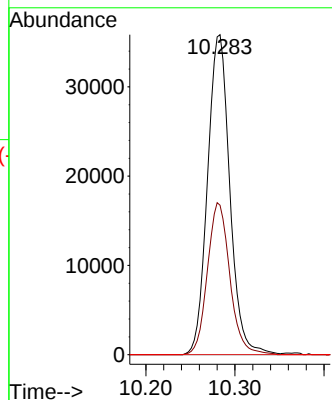
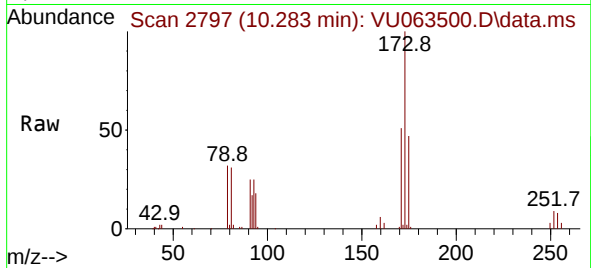




#71
Bromoform
Concen: 54.618 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

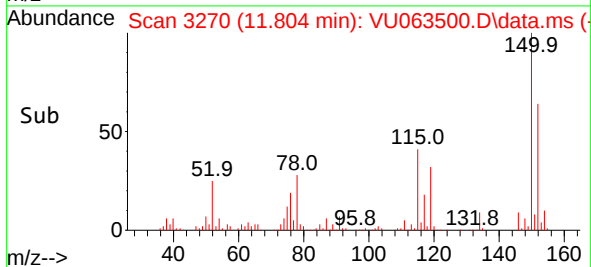
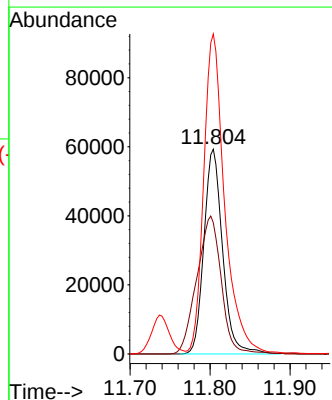
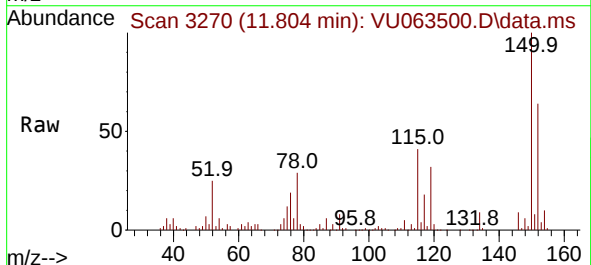
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

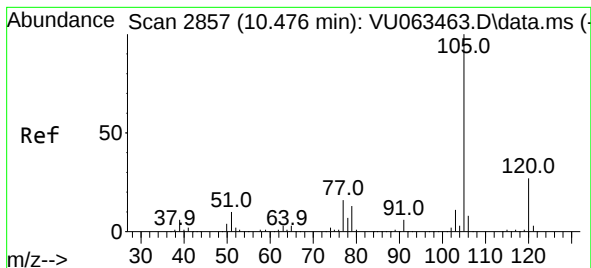
Tgt Ion:173 Resp: 62263
Ion Ratio Lower Upper
173 100
175 47.8 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:152 Resp: 96664
Ion Ratio Lower Upper
152 100
115 87.7 43.4 130.2
150 173.9 0.0 341.4





#73

Isopropylbenzene

Concen: 52.762 ug/l

RT: 10.473 min Scan# 2857

Delta R.T. -0.003 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

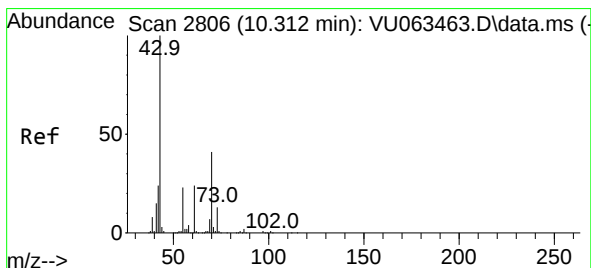
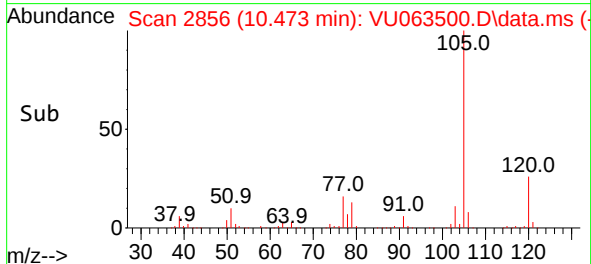
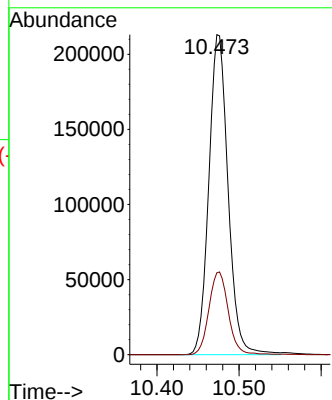
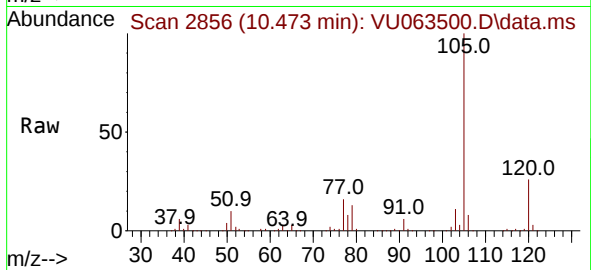
VSTDCCC050

Tgt Ion:105 Resp: 347033

Ion Ratio Lower Upper

105 100

120 25.9 13.1 39.1



#74

N-ethyl acetate

Concen: 53.990 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Tgt Ion: 43 Resp: 159249

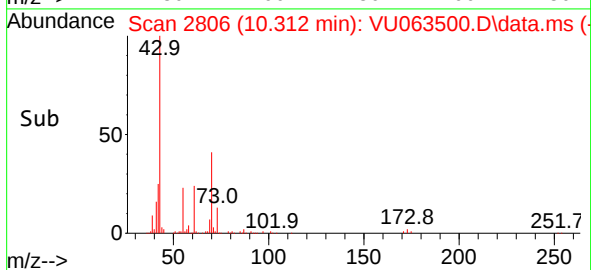
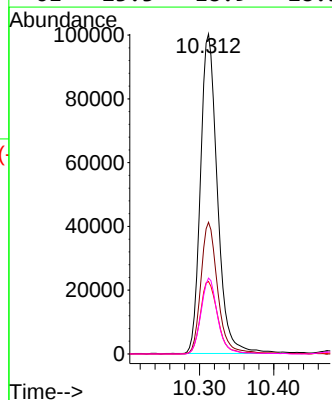
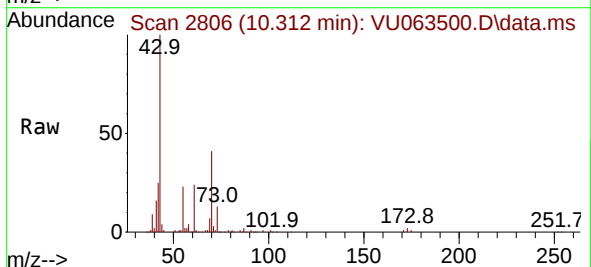
Ion Ratio Lower Upper

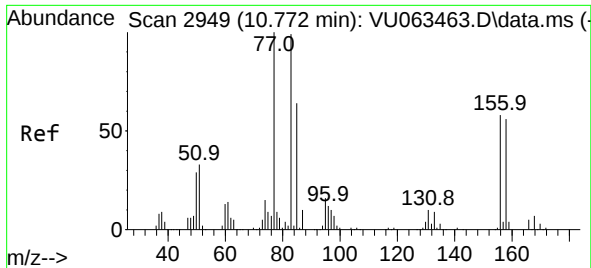
43 100

70 40.7 32.6 48.8

55 23.0 18.6 27.8

61 23.3 18.9 28.3

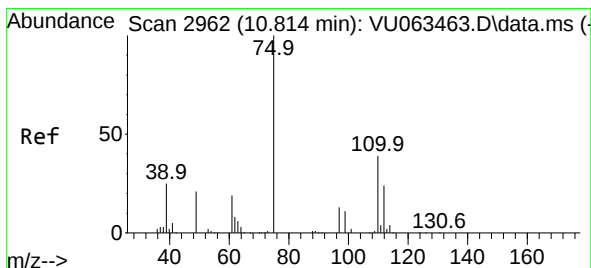
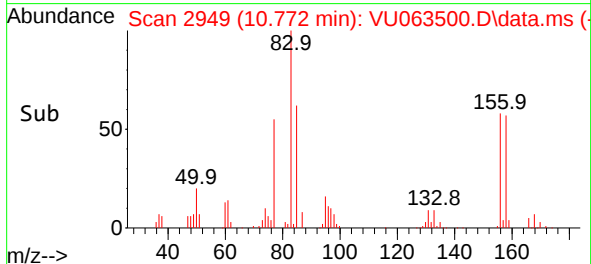
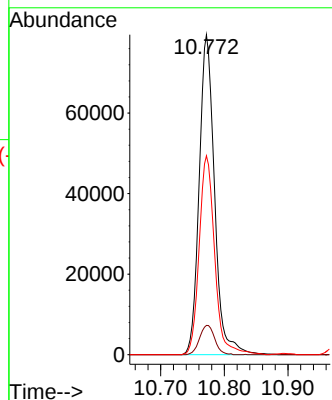
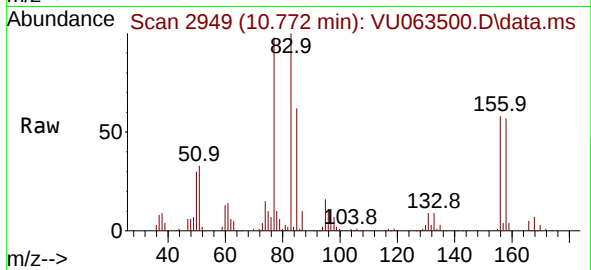




#75
1,1,2,2-Tetrachloroethane
Concen: 55.130 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

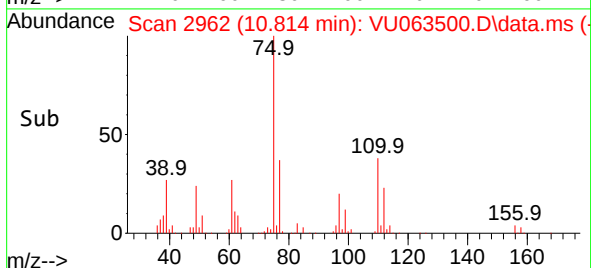
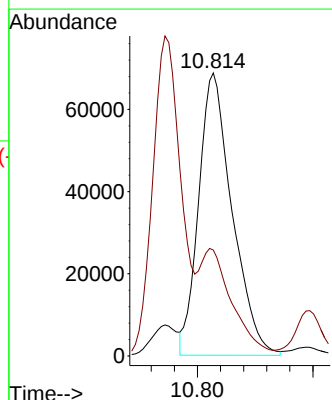
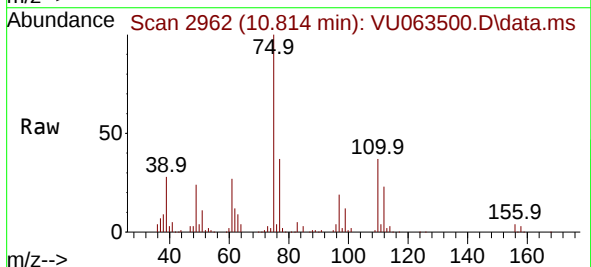
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

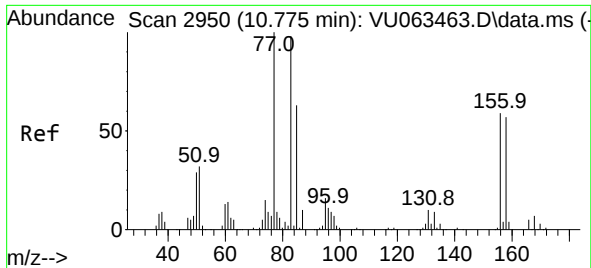
Tgt Ion: 83 Resp: 133473
Ion Ratio Lower Upper
83 100
131 9.0 4.8 14.3
85 62.7 32.3 96.8



#76
1,2,3-Trichloropropane
Concen: 54.010 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 75 Resp: 138343
Ion Ratio Lower Upper
75 100
77 33.7 3.1 9.4#

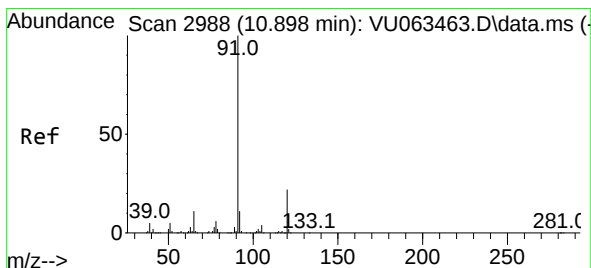
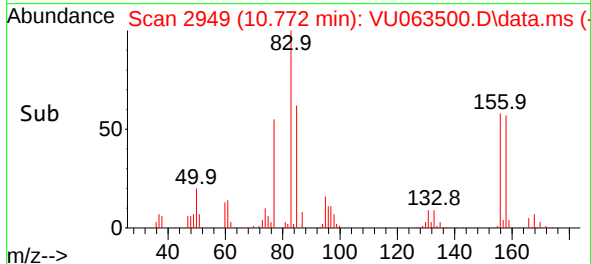
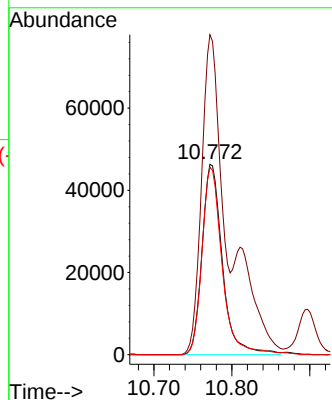
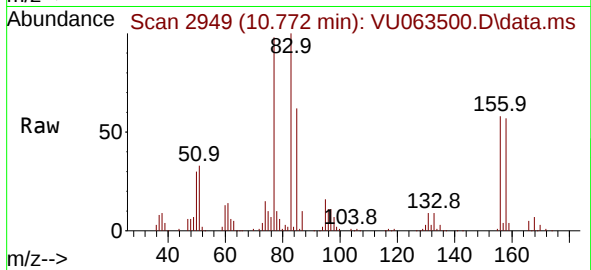




#77
Bromobenzene
Concen: 52.121 ug/l
RT: 10.772 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

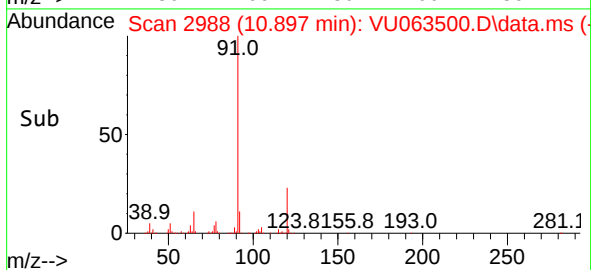
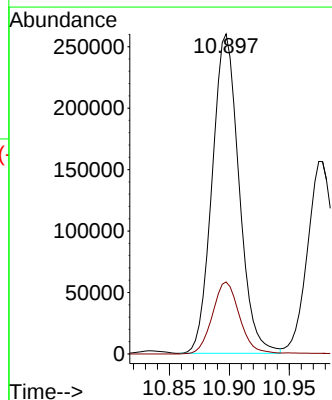
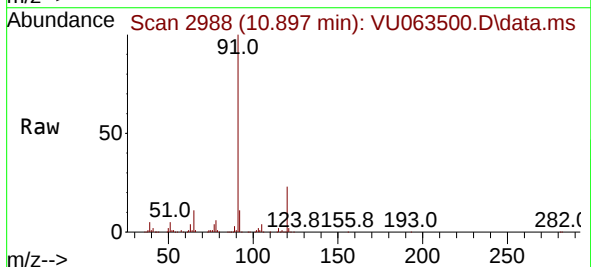
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

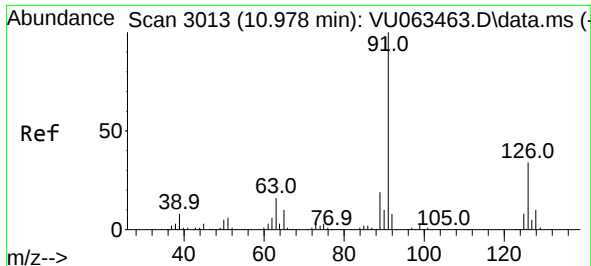
Tgt Ion:156 Resp: 84032
Ion Ratio Lower Upper
156 100
77 158.7 78.2 234.6
158 97.9 46.8 140.4



#78
n-propylbenzene
Concen: 53.105 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 91 Resp: 405077
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 53.862 ug/l

RT: 10.974 min Scan# 3012

Delta R.T. -0.003 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

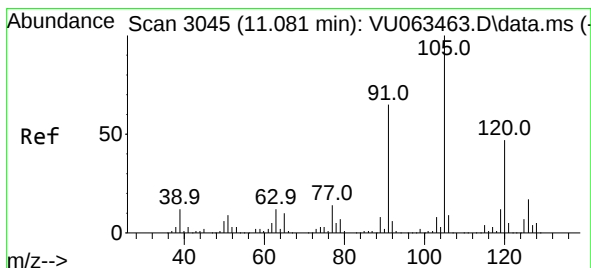
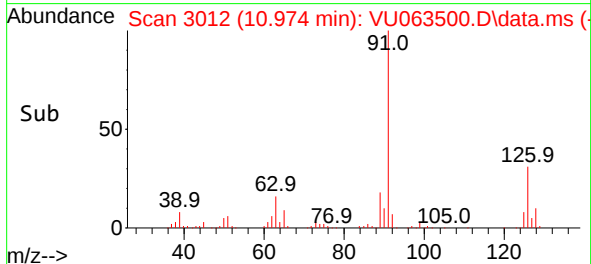
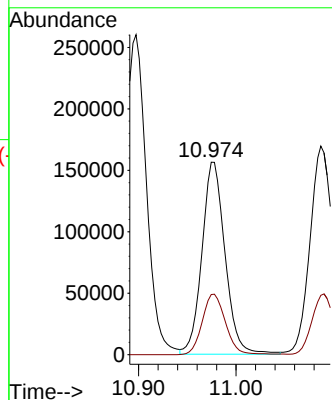
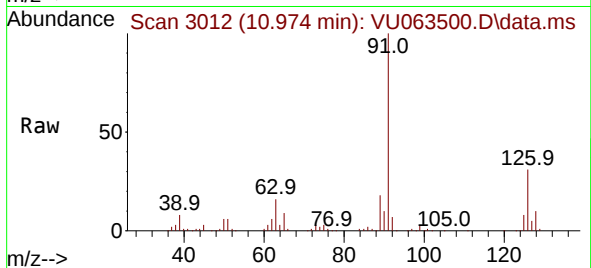
VSTDCCC050

Tgt Ion: 91 Resp: 257671

Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 53.142 ug/l

RT: 11.077 min Scan# 3044

Delta R.T. -0.003 min

Lab File: VU063500.D

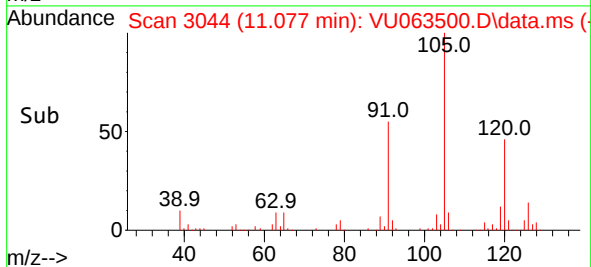
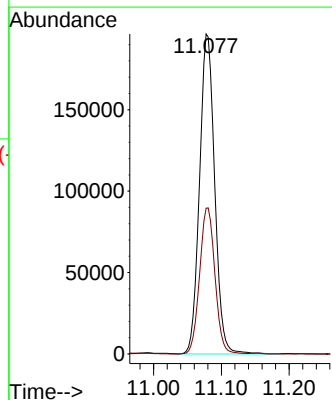
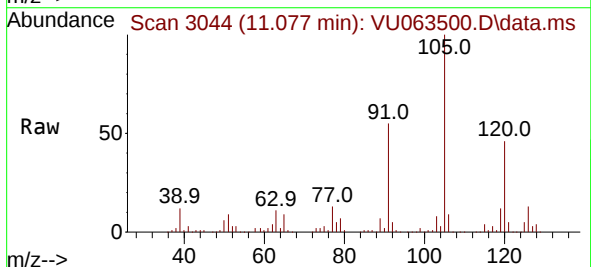
Acq: 14 Jul 2025 08:58

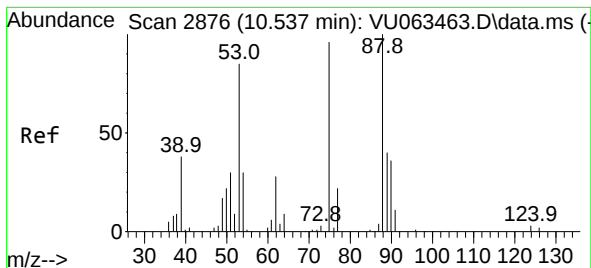
Tgt Ion: 105 Resp: 305721

Ion Ratio Lower Upper

105 100

120 46.1 23.4 70.2

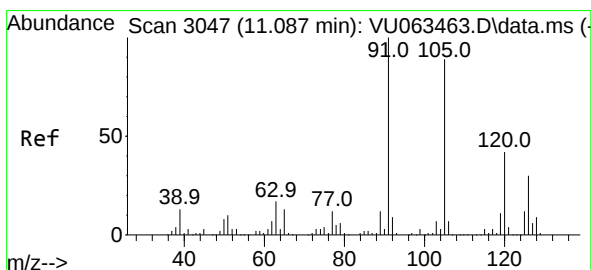
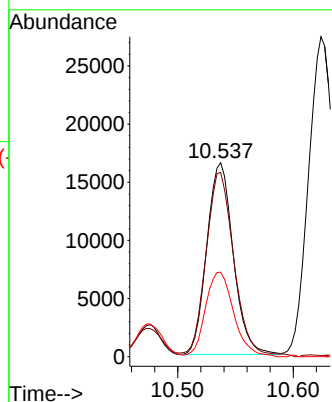
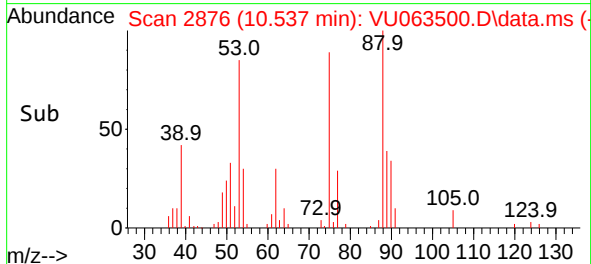
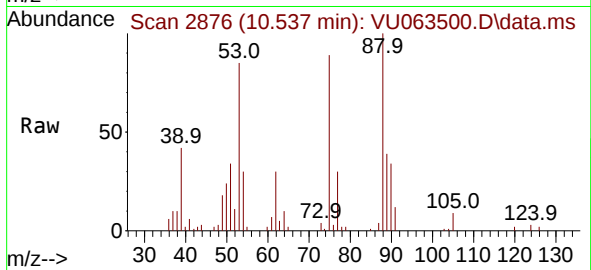




#81
trans-1,4-Dichloro-2-butene
Concen: 51.047 ug/l
RT: 10.537 min Scan# 2876
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

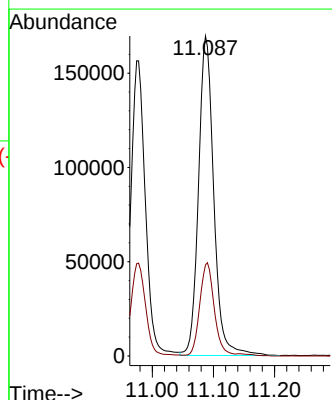
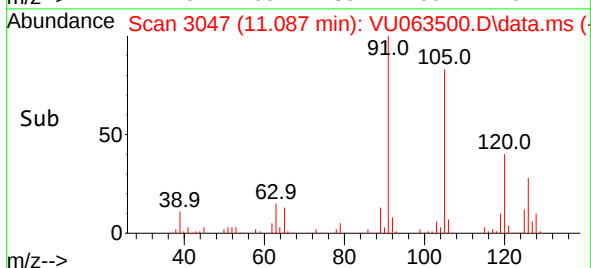
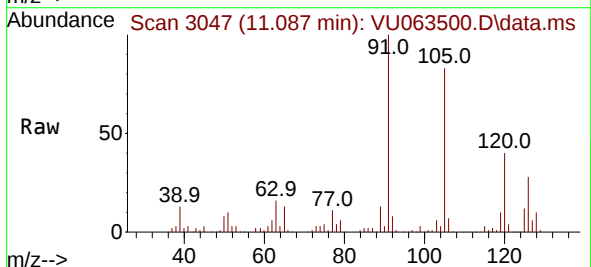
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

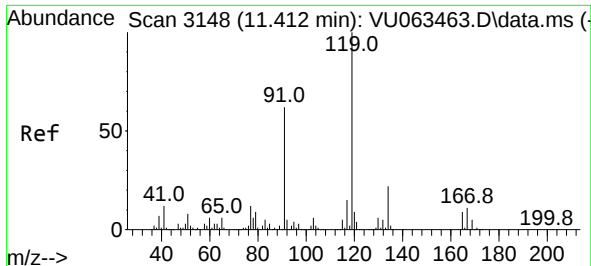
Tgt Ion: 75 Resp: 26216
Ion Ratio Lower Upper
75 100
53 101.9 74.6 111.8
89 47.0 36.3 54.5



#82
4-Chlorotoluene
Concen: 54.112 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 91 Resp: 293891
Ion Ratio Lower Upper
91 100
126 27.0 14.4 43.2

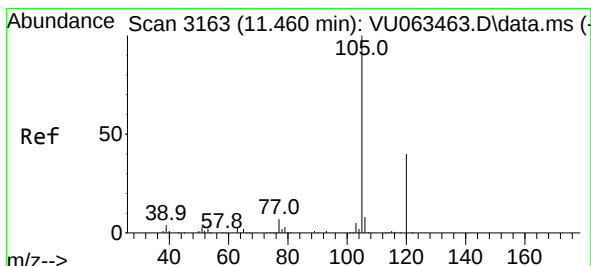
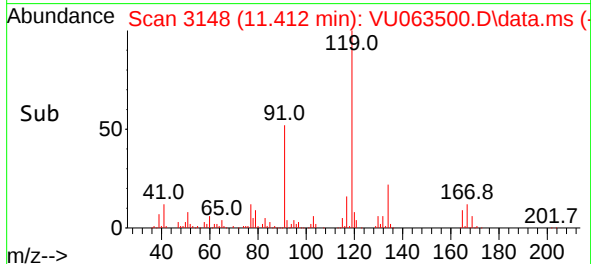
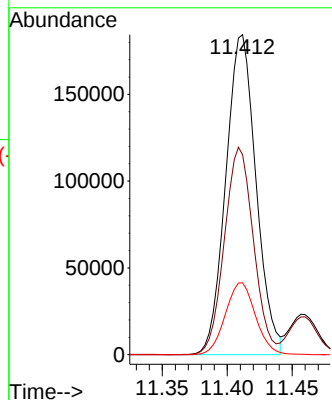
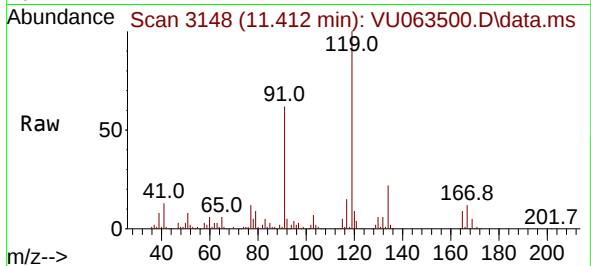




#83
 tert-Butylbenzene
 Concen: 54.239 ug/l
 RT: 11.412 min Scan# 3148
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

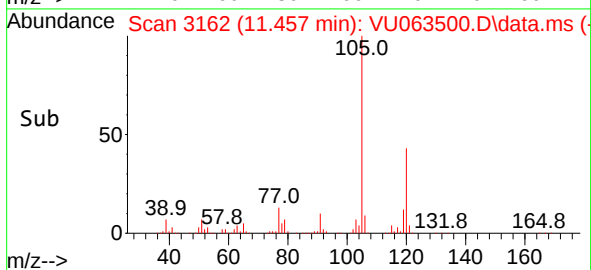
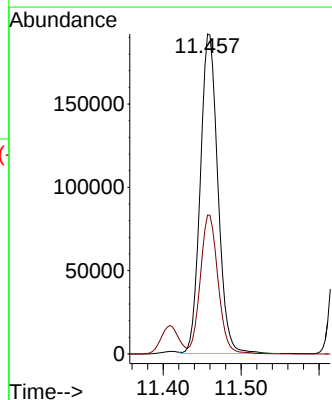
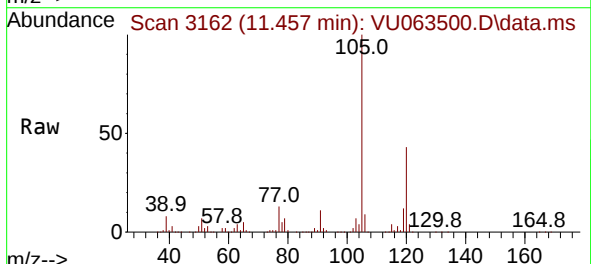
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

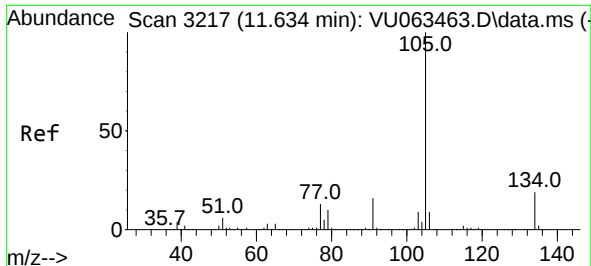
Tgt Ion:119 Resp: 299237
 Ion Ratio Lower Upper
 119 100
 91 62.2 30.3 91.0
 134 22.5 11.2 33.6



#84
 1,2,4-Trimethylbenzene
 Concen: 53.117 ug/l
 RT: 11.457 min Scan# 3162
 Delta R.T. -0.003 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

Tgt Ion:105 Resp: 300074
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.3

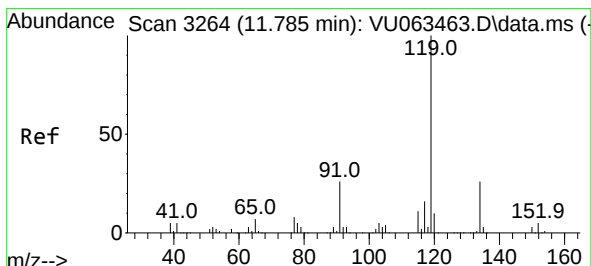
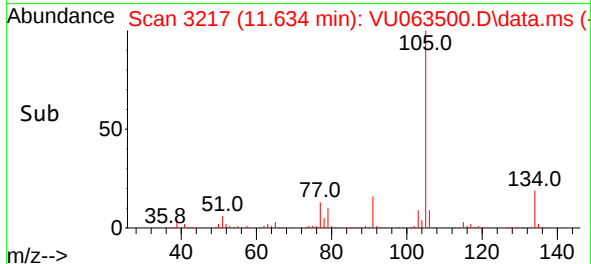
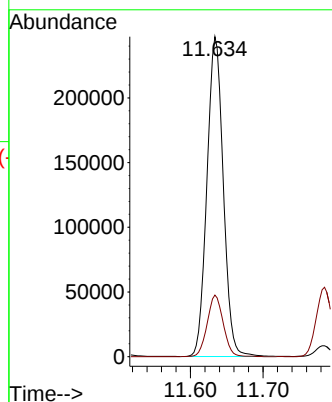
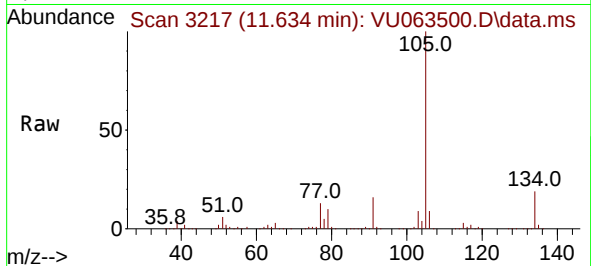




#85
 sec-Butylbenzene
 Concen: 53.021 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

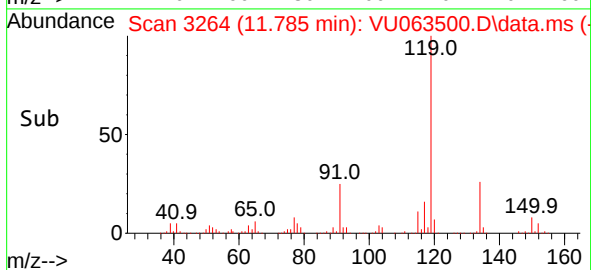
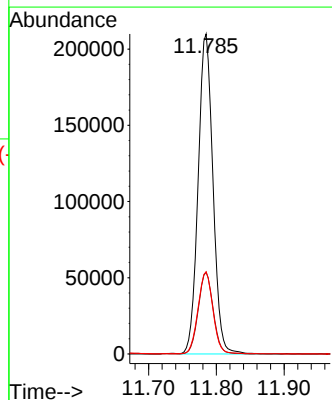
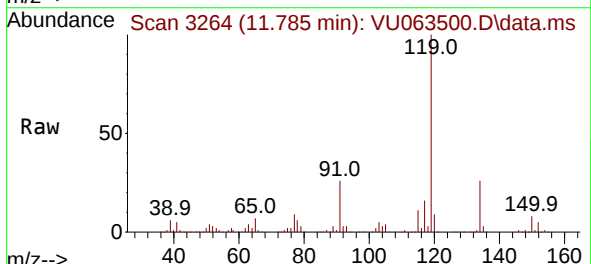
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC050

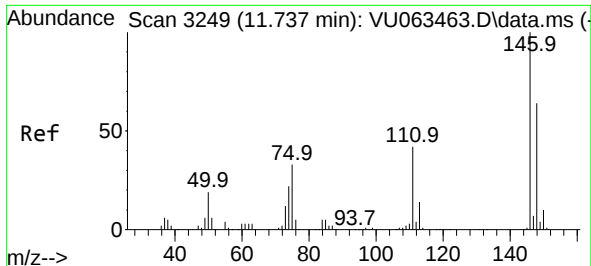
Tgt Ion:105 Resp: 385994
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 53.972 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063500.D
 Acq: 14 Jul 2025 08:58

Tgt Ion:119 Resp: 318766
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.7 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 54.098 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

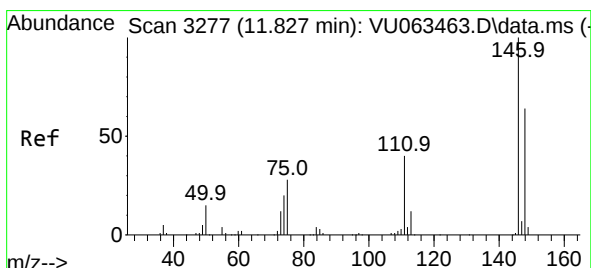
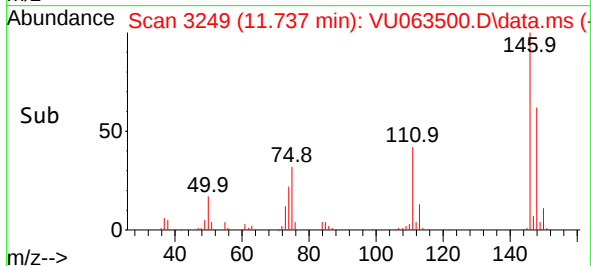
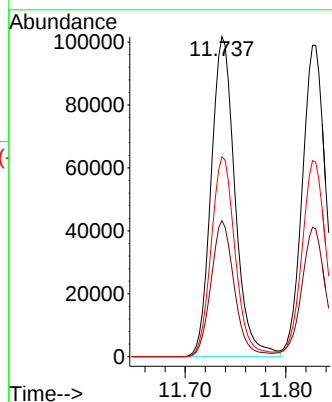
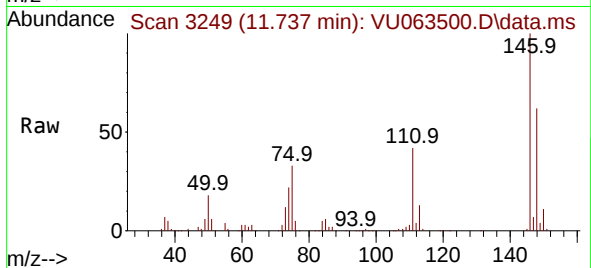
Tgt Ion:146 Resp: 168074

Ion Ratio Lower Upper

146 100

111 41.5 20.9 62.7

148 62.9 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 52.971 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

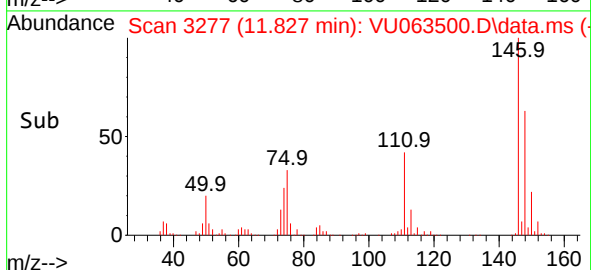
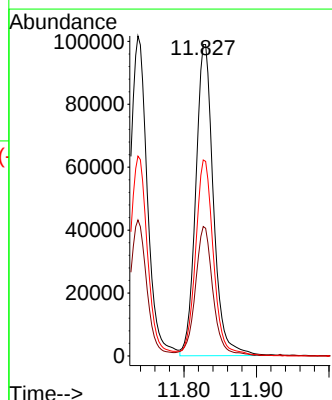
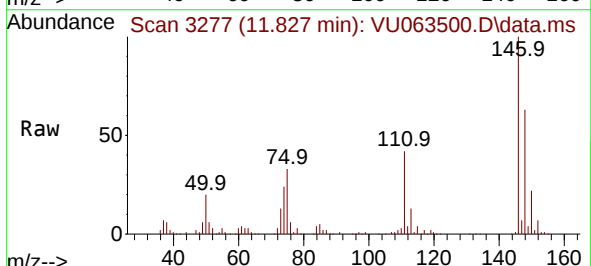
Tgt Ion:146 Resp: 167787

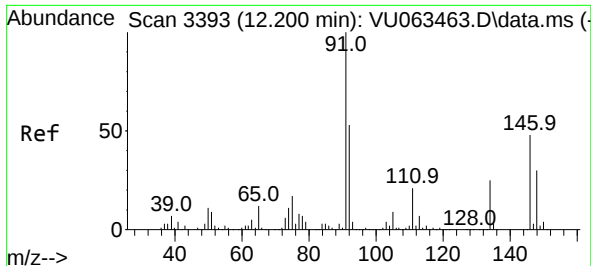
Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.4

148 63.9 31.9 95.9

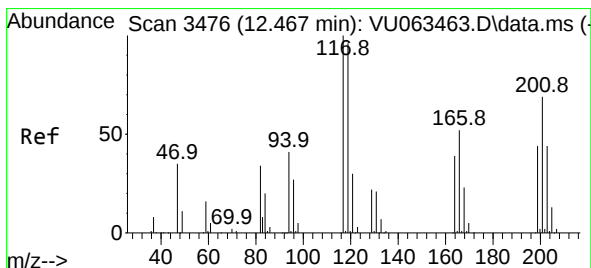
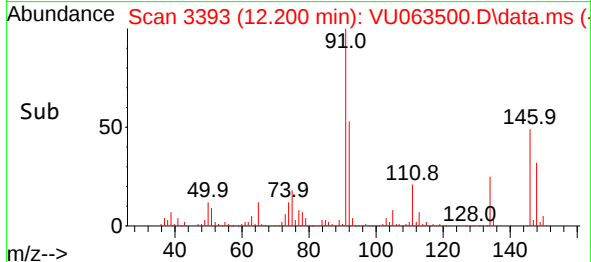
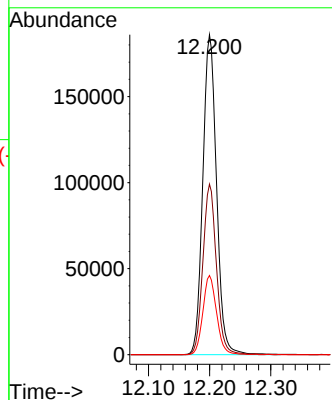
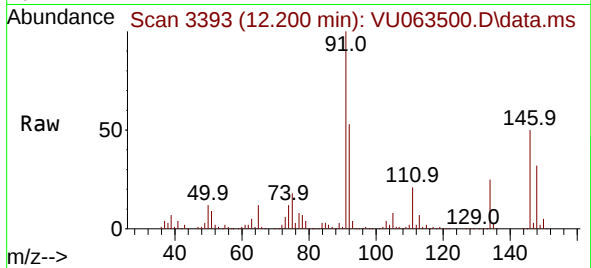




#89
n-Butylbenzene
Concen: 53.173 ug/l
RT: 12.200 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

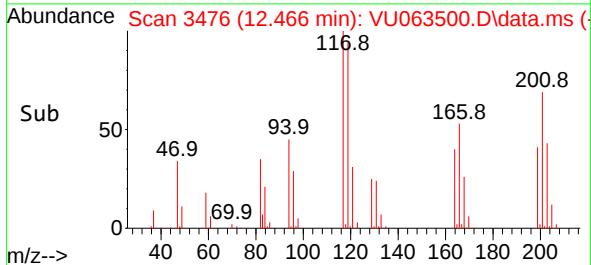
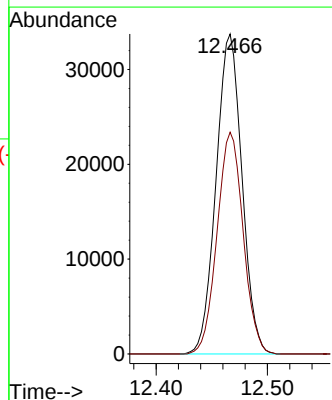
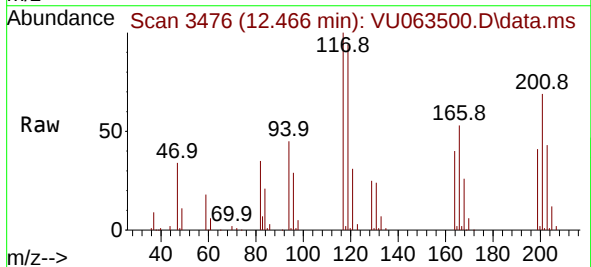
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

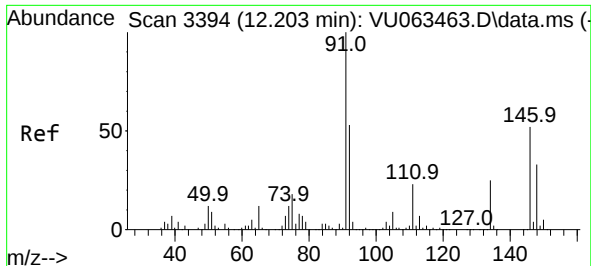
Tgt Ion: 91 Resp: 290662
Ion Ratio Lower Upper
91 100
92 52.4 26.4 79.2
134 24.6 12.4 37.0



#90
Hexachloroethane
Concen: 55.196 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 117 Resp: 54523
Ion Ratio Lower Upper
117 100
201 69.8 34.4 103.2

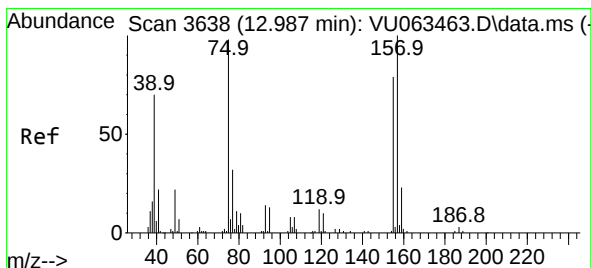
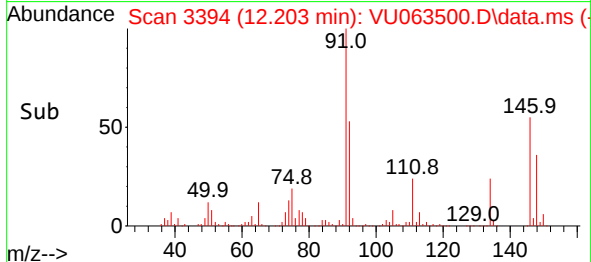
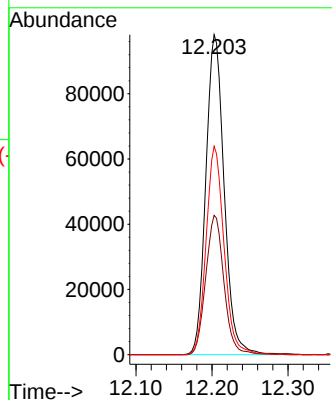
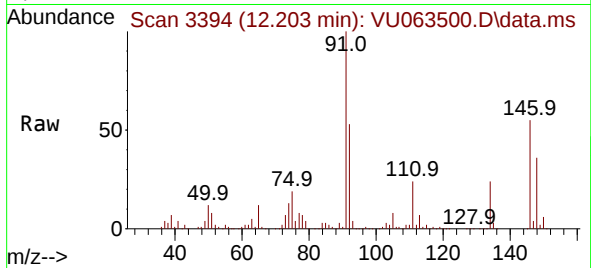




#91
1,2-Dichlorobenzene
Concen: 54.174 ug/l
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

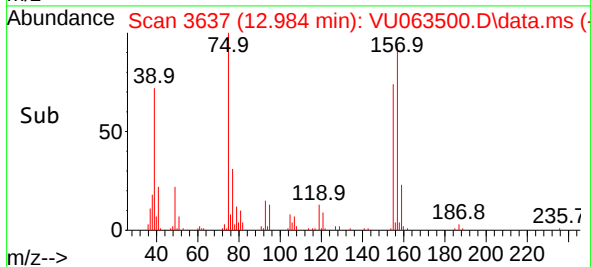
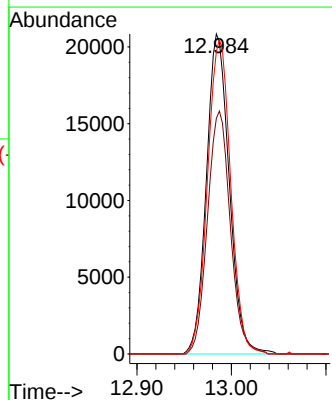
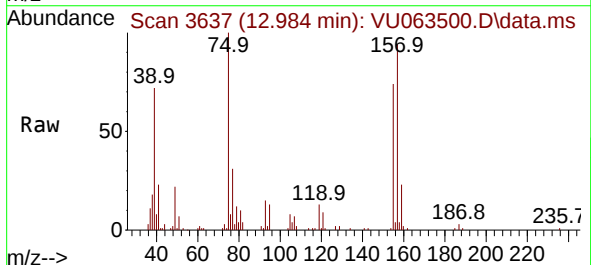
Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

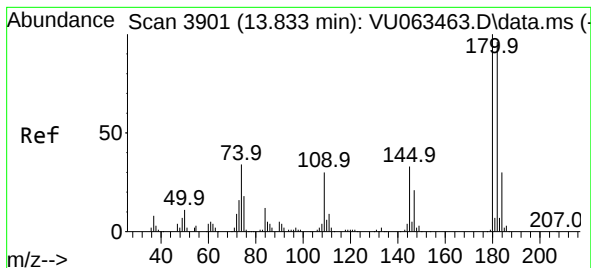
Tgt Ion:146 Resp: 164125
Ion Ratio Lower Upper
146 100
111 43.5 21.9 65.5
148 63.7 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.198 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion: 75 Resp: 35091
Ion Ratio Lower Upper
75 100
155 75.7 39.1 117.5
157 99.4 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 52.881 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

Instrument :

MSVOA_U

ClientSampleId :

VSTDCCC050

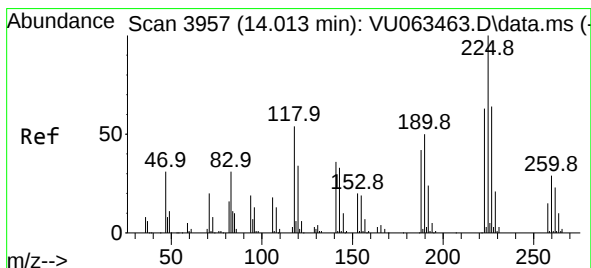
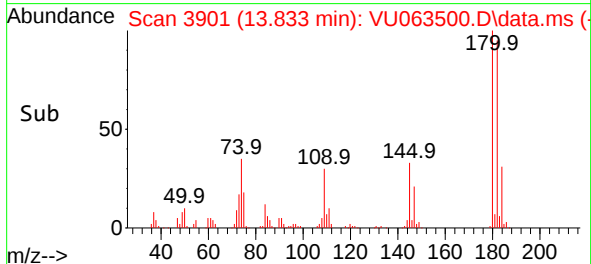
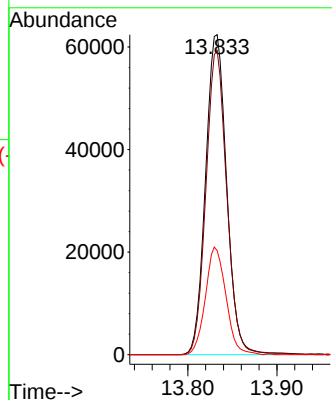
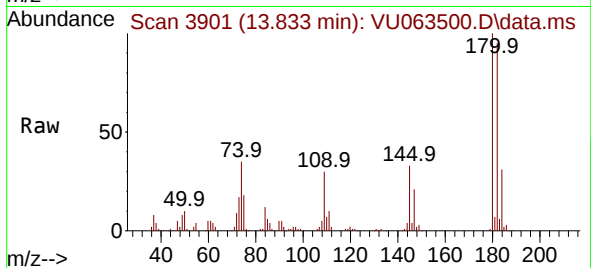
Tgt Ion:180 Resp: 102598

Ion Ratio Lower Upper

180 100

182 94.0 47.7 143.1

145 32.7 16.6 49.7



#94

Hexachlorobutadiene

Concen: 51.873 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. -0.000 min

Lab File: VU063500.D

Acq: 14 Jul 2025 08:58

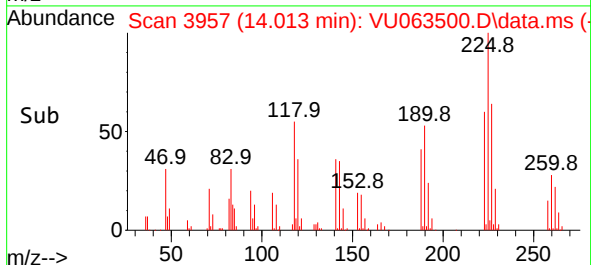
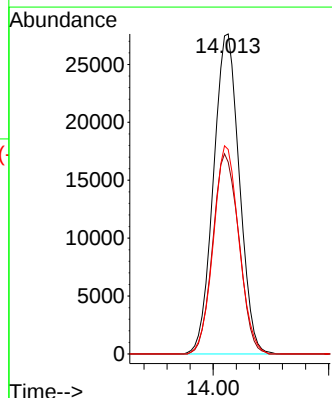
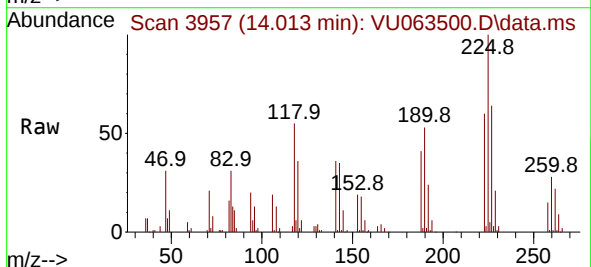
Tgt Ion:225 Resp: 43021

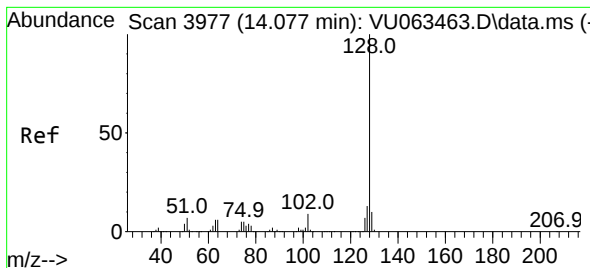
Ion Ratio Lower Upper

225 100

223 63.0 32.4 97.0

227 64.2 32.3 96.9

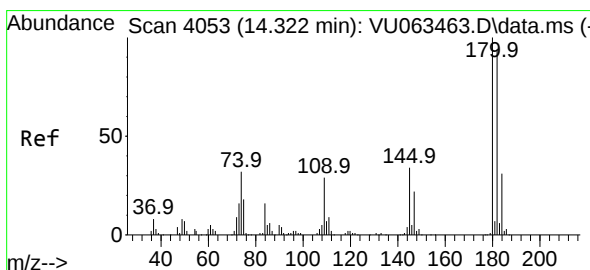
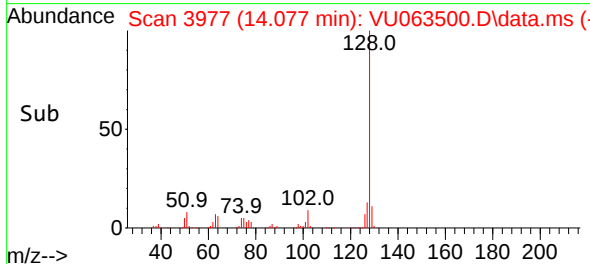
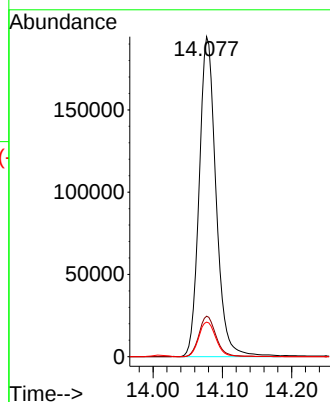
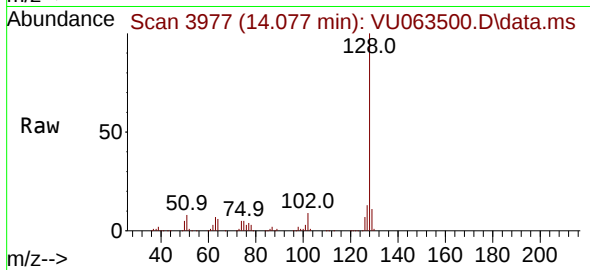




#95
Naphthalene
Concen: 51.757 ug/l
RT: 14.077 min Scan# 3977
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	328857
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.966 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063500.D
Acq: 14 Jul 2025 08:58

Tgt Ion:	180	Resp:	100989
Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.8	143.3
145	34.3	17.2	51.5

