

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091625\
 Data File : VU063589.D
 Acq On : 16 Sep 2025 11:56
 Operator : MD/SY
 Sample : VU0916WBSD01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 17 03:04:05 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	32823	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	11337	0.927	ug/l	0.00
Spiked Amount 1.000			Recovery	=	93.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	12056	0.967	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	21647	1.998	ug/l	95
3) Chloromethane	1.518	50	21586	2.035	ug/l	100
4) Vinyl Chloride	1.599	62	22764	1.981	ug/l	100
5) Bromomethane	1.840	94	14801	2.086	ug/l	99
6) Chloroethane	1.920	64	15034	2.035	ug/l	94
7) Trichlorofluoromethane	2.126	101	34845	2.066	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.566	101	19335	2.048	ug/l	97
9) 1,1-Dichloroethene	2.566	96	17839	2.086	ug/l	96
10) Iodomethane	2.708	142	23595	1.917	ug/l	99
11) Allyl Chloride	2.907	41	28317	1.991	ug/l	99
12) Acrylonitrile	3.306	53	10740	4.148	ug/l	96
13) Acetone	2.621	43	25151	6.862	ug/l	100
14) Carbon Disulfide	2.775	76	32073	1.795	ug/l	99
15) Methylene Chloride	3.029	84	23577	2.086	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	18263	2.004	ug/l	96
17) 1,1-Dichloroethane	3.849	63	42954	2.058	ug/l	99
18) 2-Butanone	4.714	43	36778	8.810	ug/l	94
19) Cyclohexane	5.361	56	30504	1.824	ug/l	92
20) Methylcyclohexane	6.740	83	29515	1.925	ug/l	96
21) 2,2-Dichloropropane	4.644	77	27445	1.777	ug/l	98
22) cis-1,2-Dichloroethene	4.647	96	22999	2.056	ug/l	99
23) Diethyl Ether	2.370	59	16241	2.142	ug/l	98
24) tert-Butyl Alcohol	3.190	59	19925	19.829	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	53779	2.105	ug/l	99
26) Bromochloromethane	4.955	128	9210	2.037	ug/l	94
27) Chloroform	5.071	83	42878	2.052	ug/l	98
28) 1,1,1-Trichloroethane	5.296	97	31534	1.964	ug/l	98
29) 1,1-Dichloropropene	5.505	75	31020	2.079	ug/l	99
30) Carbon Tetrachloride	5.499	117	23086	1.952	ug/l	99
31) Isopropyl Ether	3.991	45	72913	2.084	ug/l	99
32) Ethyl-t-butyl ether	4.502	59	61981	2.073	ug/l	100
33) Tert-Amyl methyl ether	5.939	73	53339	2.094	ug/l	99
34) Propionitrile	4.775	54	10828	11.089	ug/l	95
35) Benzene	5.756	78	89057	2.073	ug/l	100
36) 1,2-Dichloroethane	5.782	62	29969	2.068	ug/l	99
37) Trichloroethene	6.524	130	22009	2.058	ug/l	93
38) 1,2-Dichloropropane	6.779	63	22912	2.013	ug/l	96
39) Methacrylonitrile	4.975	41	9653	2.094	ug/l	95
40) Methyl acrylate	4.846	55	13080	2.070	ug/l	# 94
41) Tetrahydrofuran	5.062	42	11027	4.589	ug/l	89
42) 1-Chlorobutane	5.438	56	41201	1.970	ug/l	94
43) Dibromomethane	6.904	93	11060	2.027	ug/l	99
44) Bromodichloromethane	7.094	83	22228	1.907	ug/l	94

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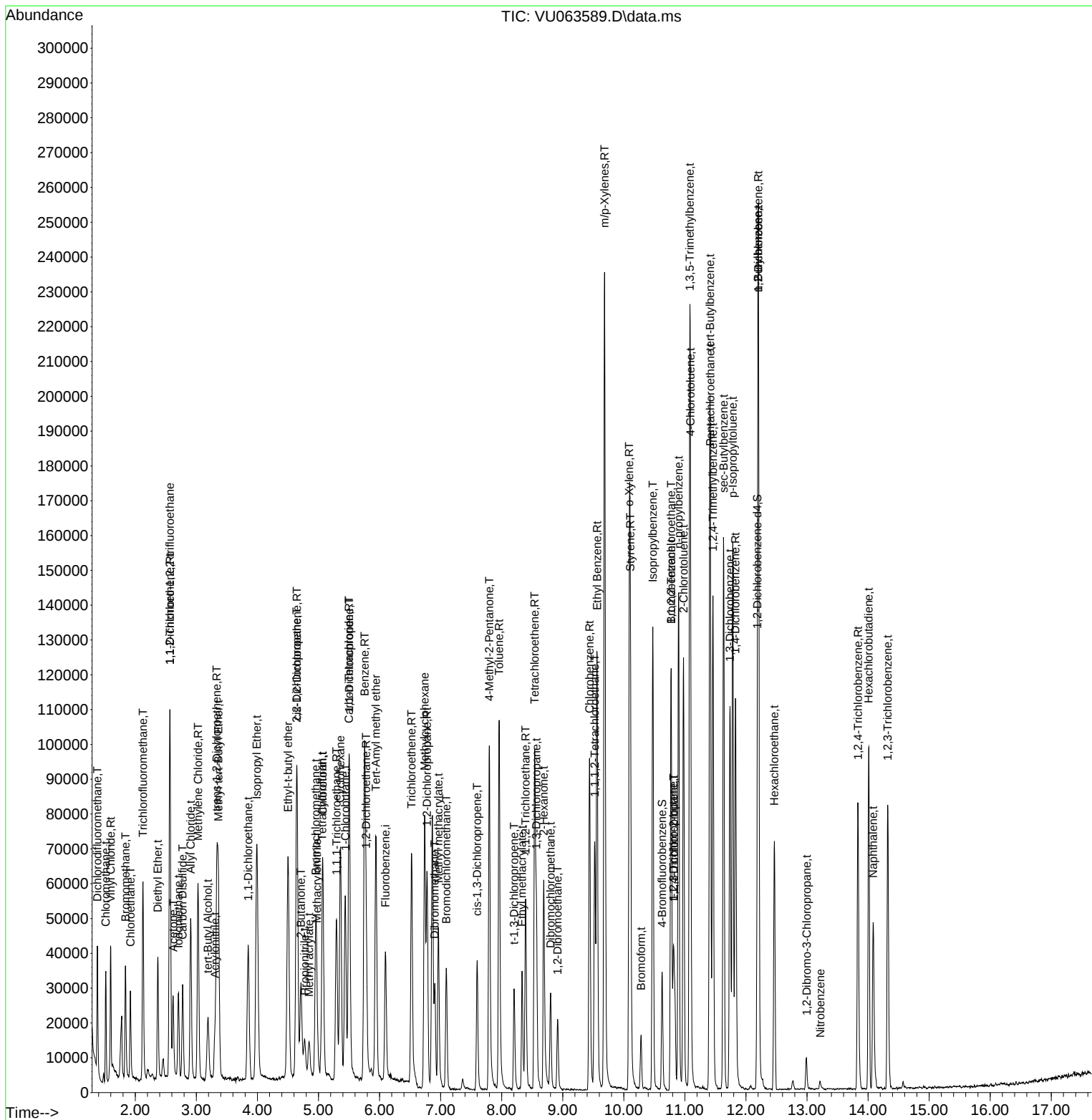
Instrument :
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 ClientSampleId :

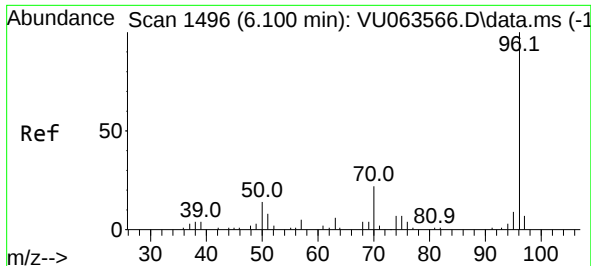
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U091225DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Sat Sep 13 03:31:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	69276	10.138	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	19673	7.694	ug/l #	67
47) Methyl methacrylate	6.965	69	19249	3.944	ug/l	96
48) Ethyl methacrylate	8.335	69	17408	1.923	ug/l	94
49) Toluene	7.959	92	46197	1.982	ug/l	98
50) t-1,3-Dichloropropene	8.203	75	15543	1.780	ug/l	93
51) cis-1,3-Dichloropropene	7.598	75	20679	1.780	ug/l	95
52) 1,1,2-Trichloroethane	8.393	97	16833	2.180	ug/l	96
53) 1,3-Dichloropropane	8.569	76	27468	2.047	ug/l	98
54) 2-Hexanone	8.688	43	43439	8.699	ug/l	99
55) Dibromochloromethane	8.801	129	13506	1.804	ug/l	98
56) 1,2-Dibromoethane	8.917	107	13397	2.011	ug/l	96
58) Tetrachloroethene	8.540	164	21381	2.031	ug/l	93
59) Chlorobenzene	9.441	112	53889	2.006	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	16854	1.921	ug/l	99
61) Pentachloroethane	11.418	117	12681	2.016	ug/l	85
62) Hexachloroethane	12.463	117	10129	1.852	ug/l	90
63) Ethyl Benzene	9.563	91	92388	2.014	ug/l	99
64) m/p-Xylenes	9.685	106	70403	3.994	ug/l	94
65) o-Xylene	10.090	106	35419	2.008	ug/l	99
66) Styrene	10.110	104	57042	2.025	ug/l	99
67) Bromoform	10.283	173	6760	1.813	ug/l	96
69) Isopropylbenzene	10.476	105	83937	1.960	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	20776	2.113	ug/l	95
71) 1,2,3-Trichloropropane	10.814	75	19673	2.699	ug/l #	84
72) Bromobenzene	10.775	156	22435	2.019	ug/l	98
73) n-propylbenzene	10.897	120	25338	2.047	ug/l	99
74) 2-Chlorotoluene	10.978	126	23151	2.068	ug/l	97
75) 1,3,5-Trimethylbenzene	11.081	105	78951	1.971	ug/l	100
76) 4-Chlorotoluene	11.093	126	23106	1.971	ug/l	97
77) tert-Butylbenzene	11.412	119	76610	1.979	ug/l	98
78) 1,2,4-Trimethylbenzene	11.460	105	77782	1.995	ug/l	100
79) sec-Butylbenzene	11.634	105	105466	2.011	ug/l	99
80) Nitrobenzene	13.219	77	1862	12.620	ug/l #	80
81) p-Isopropyltoluene	11.785	119	83749	1.984	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	44986	2.012	ug/l	98
83) 1,4-Dichlorobenzene	11.830	146	45031	1.961	ug/l	100
84) n-Butylbenzene	12.200	91	78152	1.976	ug/l	97
85) 1,2-Dichlorobenzene	12.203	146	43740	2.028	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.994	75	2207	1.741	ug/l	94
87) 1,2,4-Trichlorobenzene	13.836	180	26234	2.009	ug/l	97
88) Hexachlorobutadiene	14.010	225	16440	2.023	ug/l	97
89) Naphthalene	14.084	128	45997	1.993	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	25717	2.075	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 13 03:31:19 2025
Response via : Initial Calibration

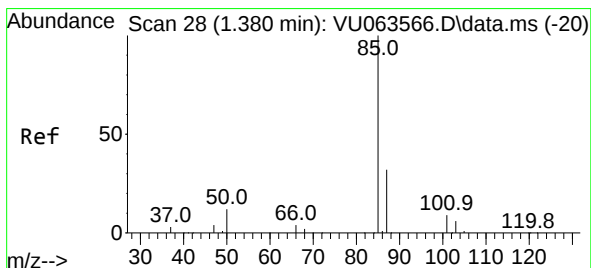
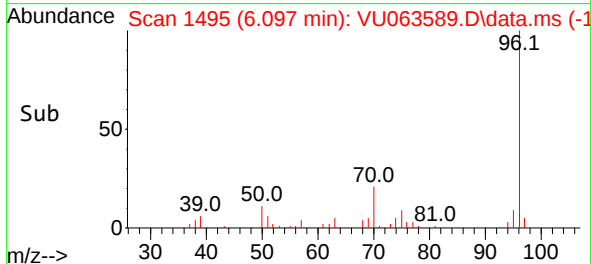
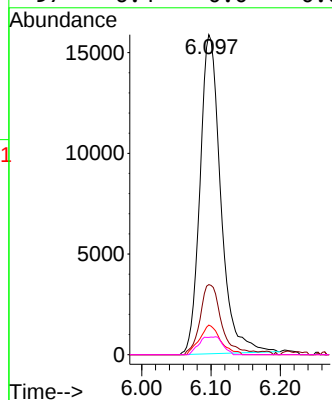
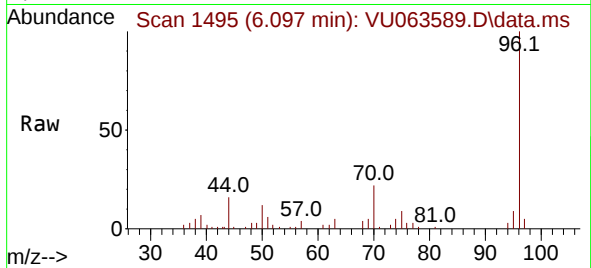




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

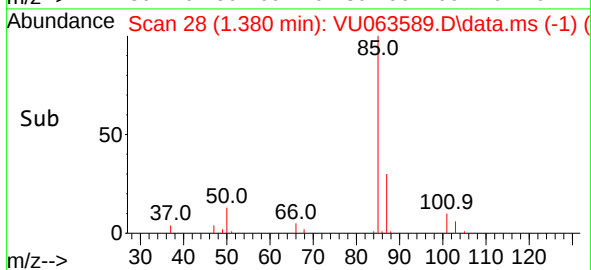
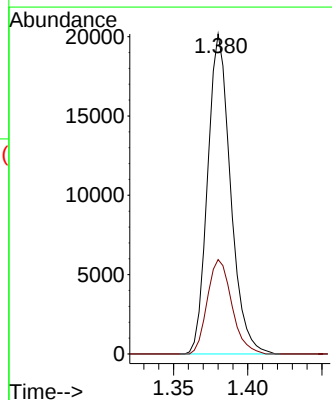
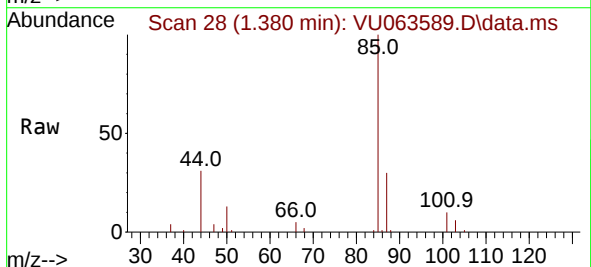
Instrument :
MSVOA_U
ClientSampleId :

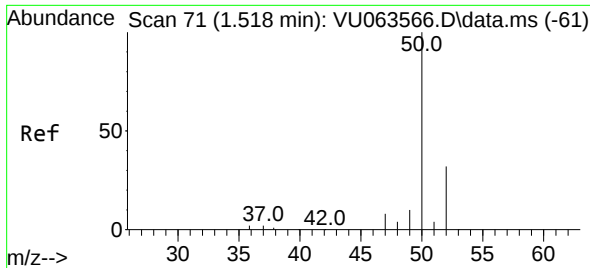
Tgt Ion: 96	Resp: 32823
Ion Ratio	Lower Upper
96 100	
70 21.5	15.5 23.3
95 9.4	7.7 11.5
97 6.4	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.998 ug/l
RT: 1.380 min Scan# 28
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 85	Resp: 21647
Ion Ratio	Lower Upper
85 100	
87 29.5	16.1 48.2

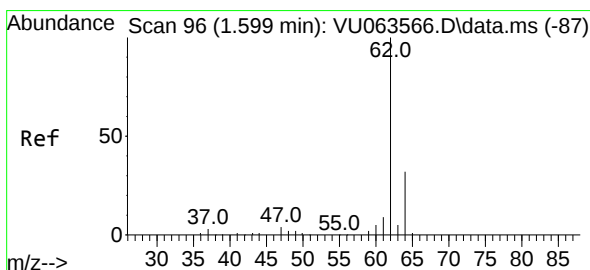
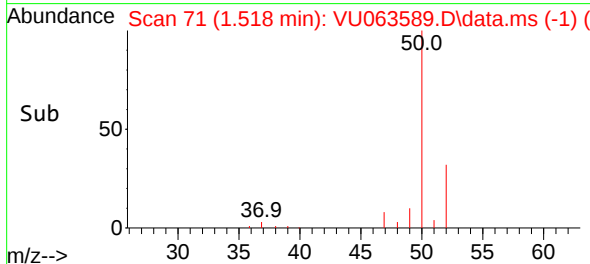
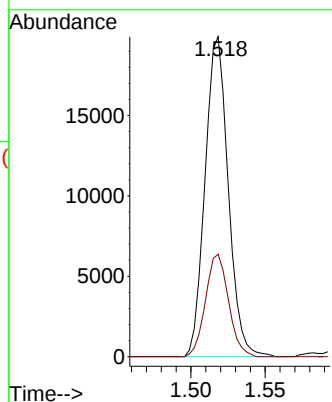
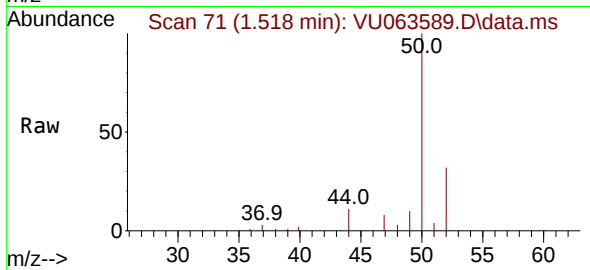




#3
Chloromethane
Concen: 2.035 ug/l
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

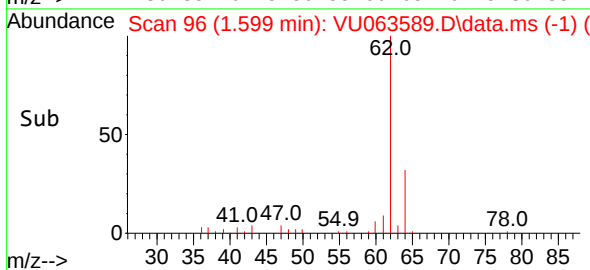
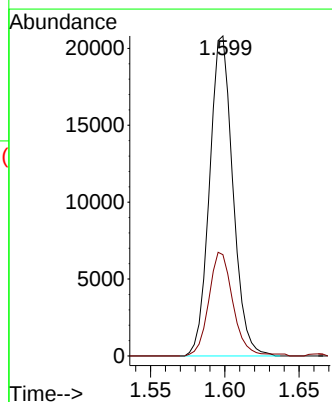
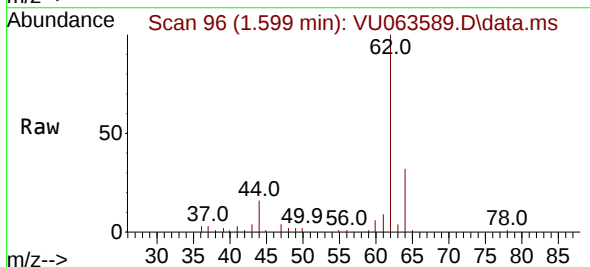
Instrument :
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ClientSampleId :

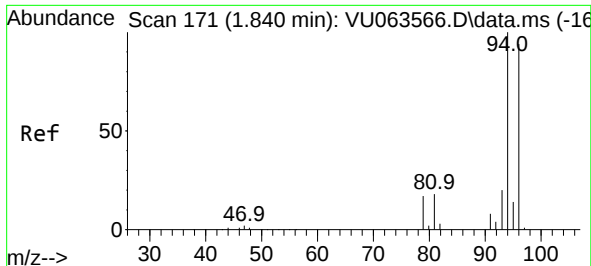
Tgt Ion: 50 Resp: 21586
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 1.981 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 62 Resp: 22764
Ion Ratio Lower Upper
62 100
64 31.7 25.5 38.3

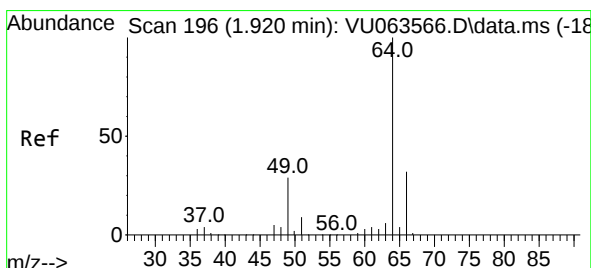
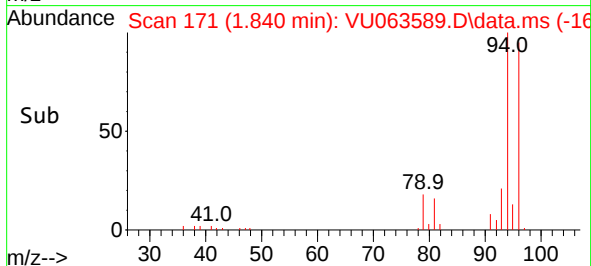
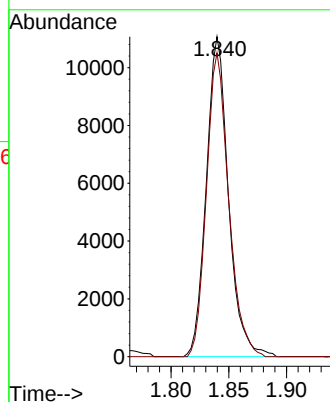
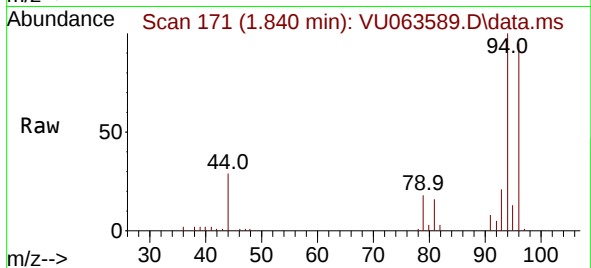




#5
Bromomethane
Concen: 2.086 ug/l
RT: 1.840 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

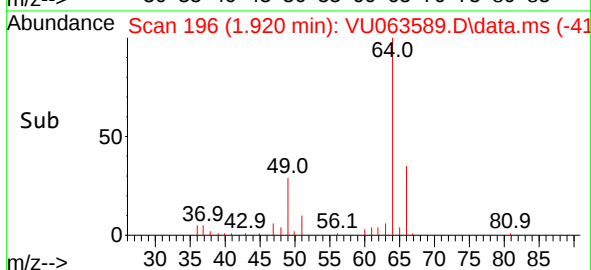
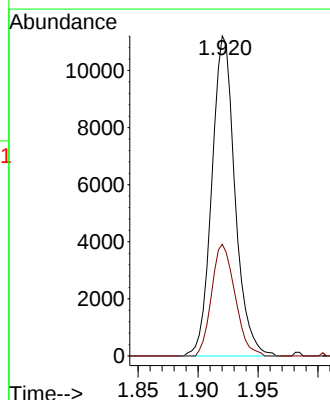
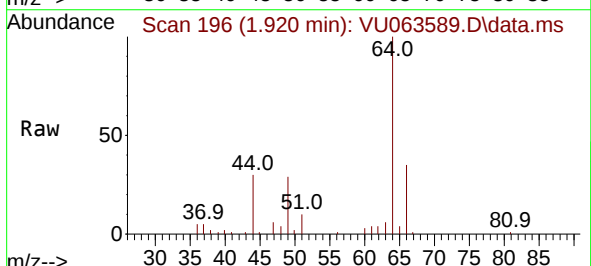
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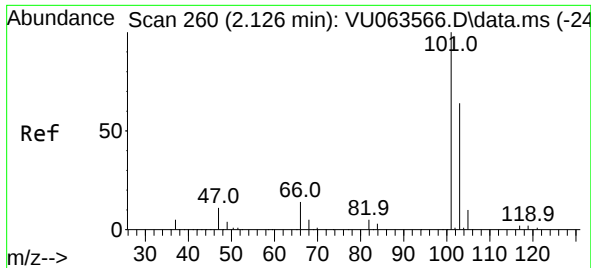
Tgt Ion: 94 Resp: 14801
Ion Ratio Lower Upper
94 100
96 94.9 75.1 112.7



#6
Chloroethane
Concen: 2.035 ug/l
RT: 1.920 min Scan# 196
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

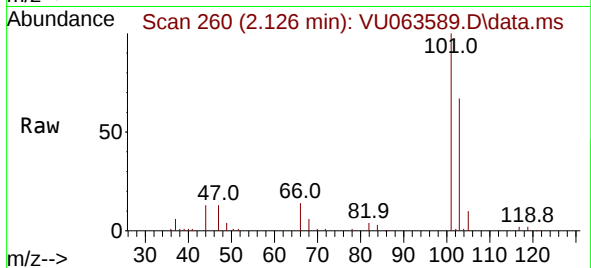
Tgt Ion: 64 Resp: 15034
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.0



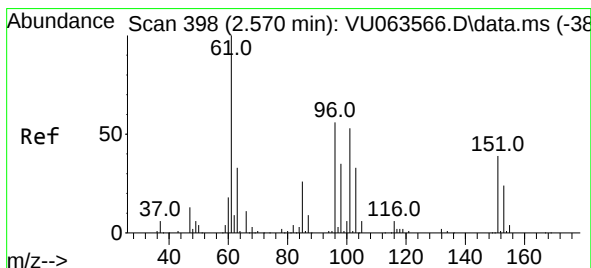
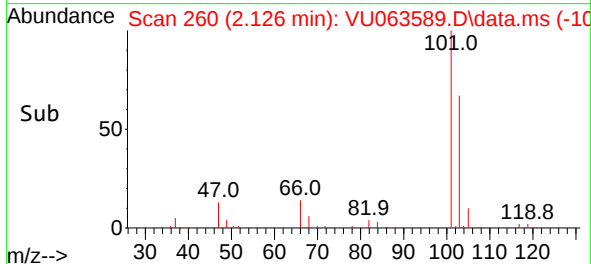
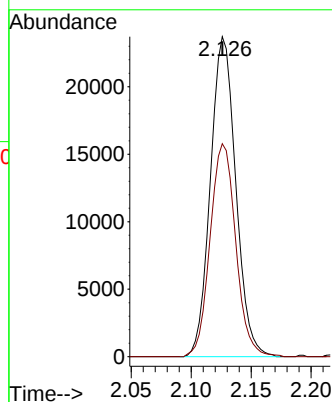


#7
 Trichlorofluoromethane
 Concen: 2.066 ug/l
 RT: 2.126 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

Instrument :
 MSVOA_U
 ClientSampleId :

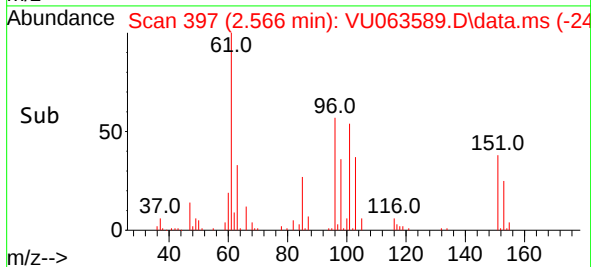
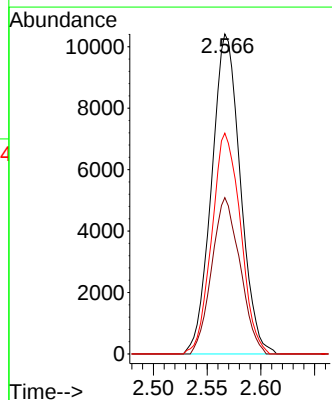
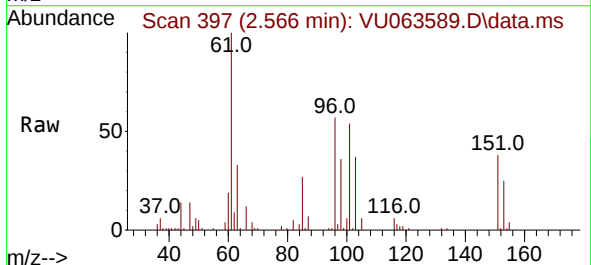


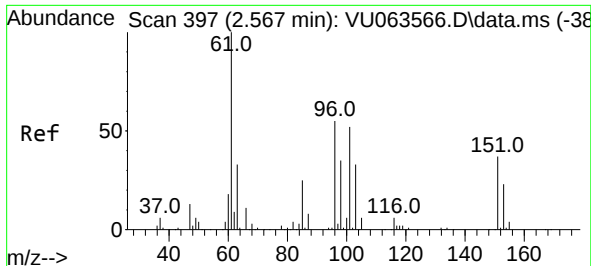
Tgt Ion:101 Resp: 34845
 Ion Ratio Lower Upper
 101 100
 103 66.5 50.8 76.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.048 ug/l
 RT: 2.566 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

Tgt Ion:101 Resp: 19335
 Ion Ratio Lower Upper
 101 100
 85 48.2 38.7 58.1
 151 69.1 58.2 87.2

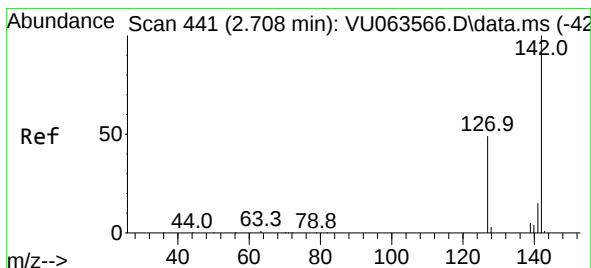
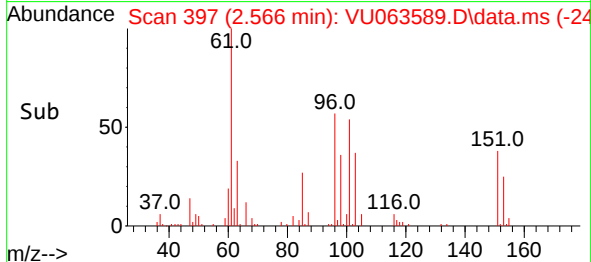
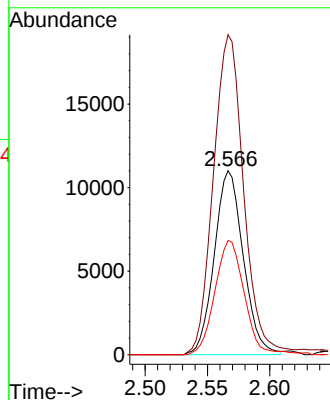
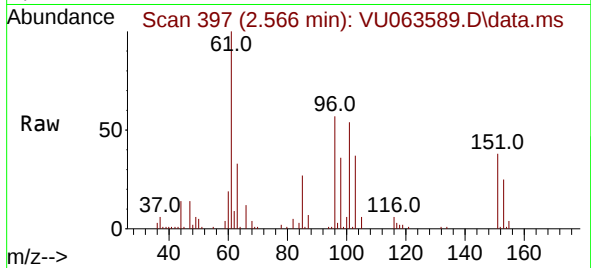




#9
1,1-Dichloroethene
Concen: 2.086 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

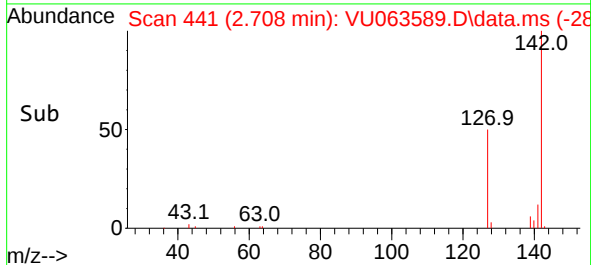
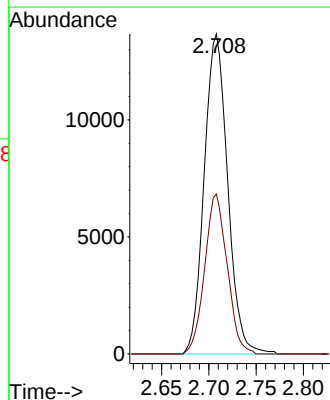
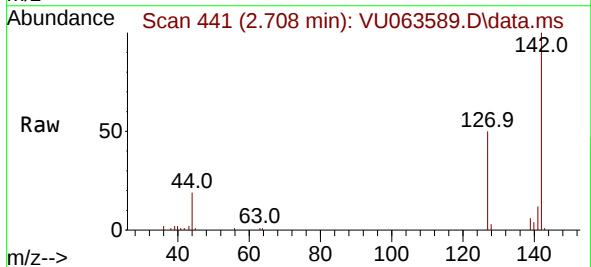
Instrument :
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ClientSampleId :

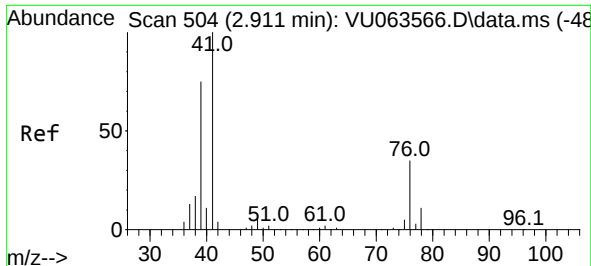
Tgt Ion: 96 Resp: 17839
Ion Ratio Lower Upper
96 100
61 174.0 0.0 543.9
98 62.1 0.0 125.8



#10
Iodomethane
Concen: 1.917 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:142 Resp: 23595
Ion Ratio Lower Upper
142 100
127 47.9 38.6 58.0





#11

Allyl Chloride

Concen: 1.991 ug/l

RT: 2.907 min Scan# 504

Delta R.T. -0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

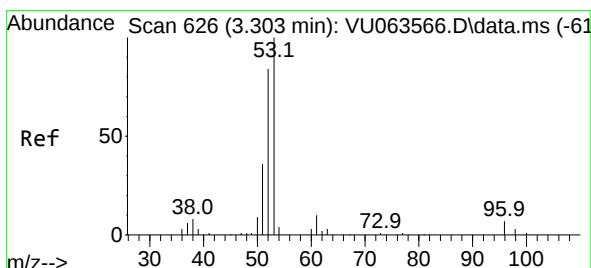
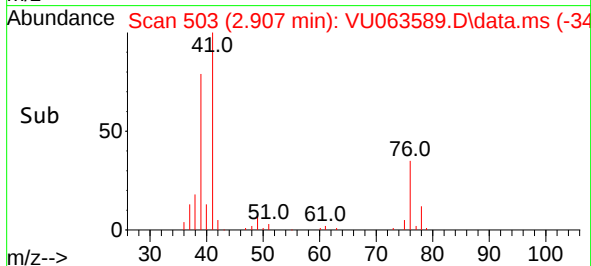
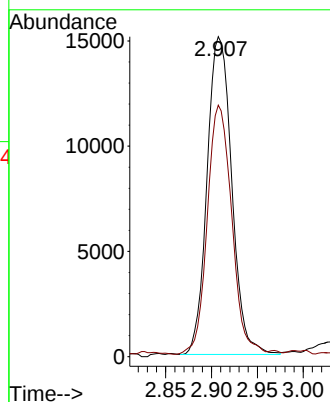
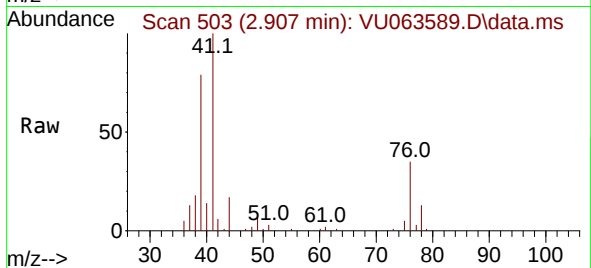
ClientSampleId :

Tgt Ion: 41 Resp: 28317

Ion Ratio Lower Upper

41 100

39 77.5 61.2 91.8



#12

Acrylonitrile

Concen: 4.148 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

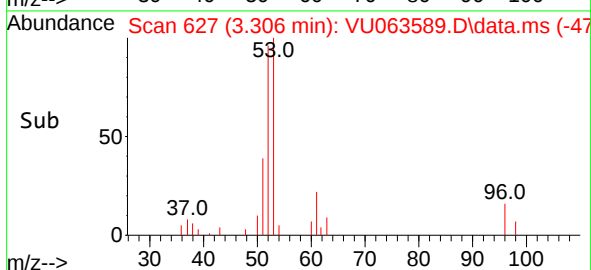
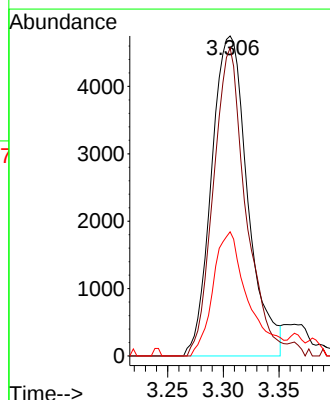
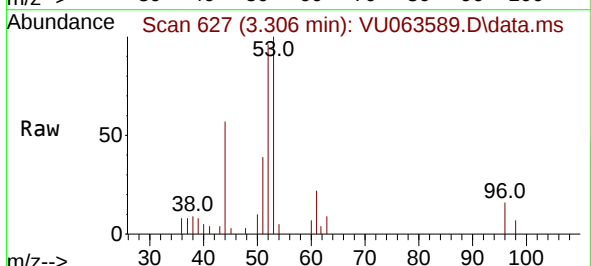
Tgt Ion: 53 Resp: 10740

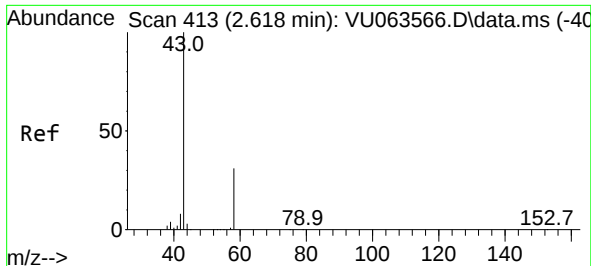
Ion Ratio Lower Upper

53 100

52 86.1 65.0 97.4

51 37.7 31.2 46.8





#13

Acetone

Concen: 6.862 ug/l

RT: 2.621 min Scan# 41

Delta R.T. 0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

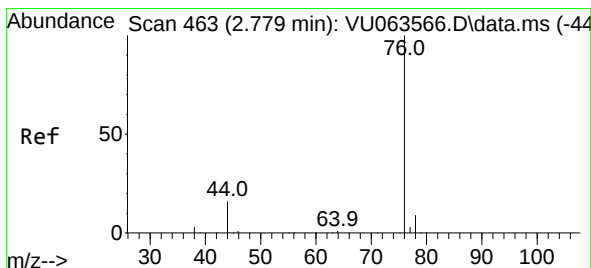
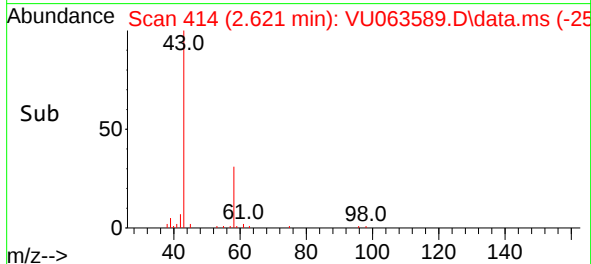
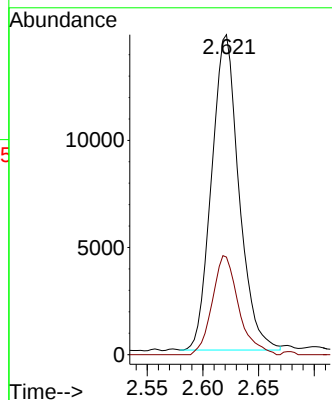
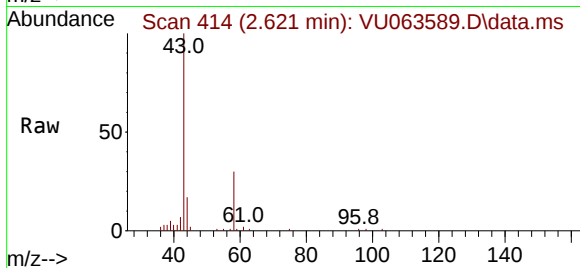
ClientSampleId :

Tgt Ion: 43 Resp: 25151

Ion Ratio Lower Upper

43 100

58 30.9 24.7 37.1



#14

Carbon Disulfide

Concen: 1.795 ug/l

RT: 2.775 min Scan# 462

Delta R.T. -0.003 min

Lab File: VU063589.D

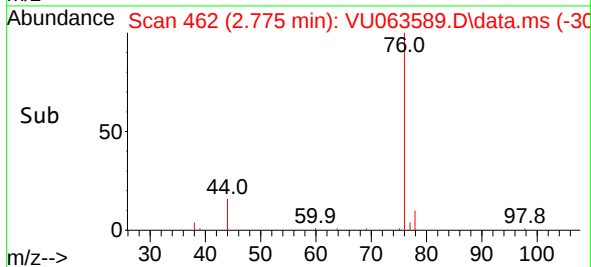
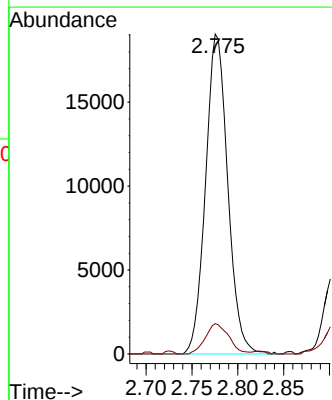
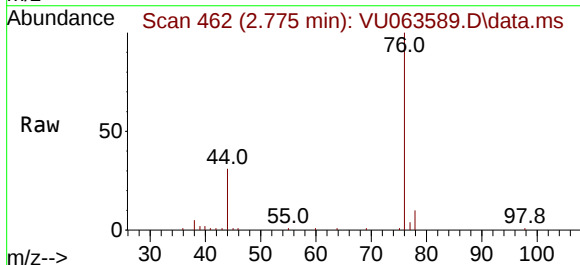
Acq: 16 Sep 2025 11:56

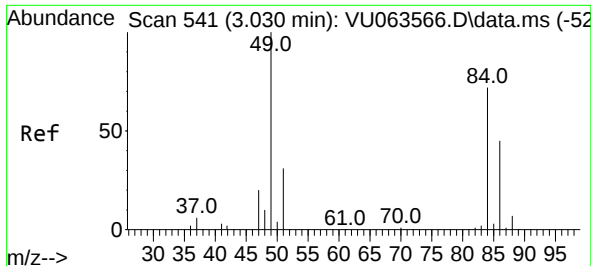
Tgt Ion: 76 Resp: 32073

Ion Ratio Lower Upper

76 100

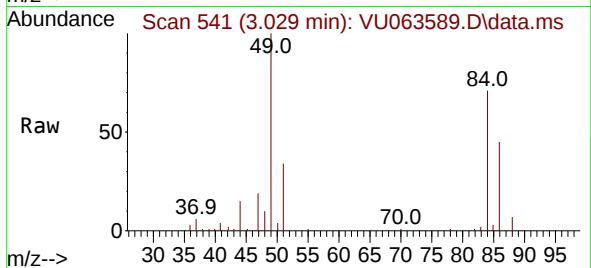
78 9.5 7.3 10.9



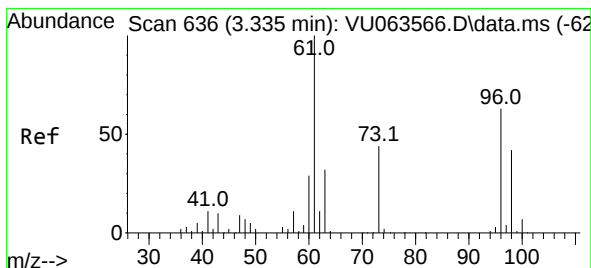
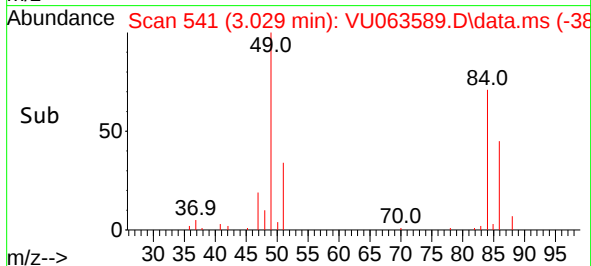
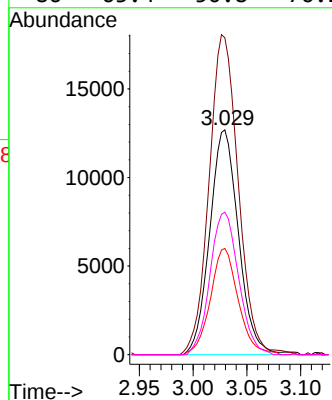


#15
Methylene Chloride
Concen: 2.086 ug/l
RT: 3.029 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Instrument :
MSVOA_U
ClientSampleId :

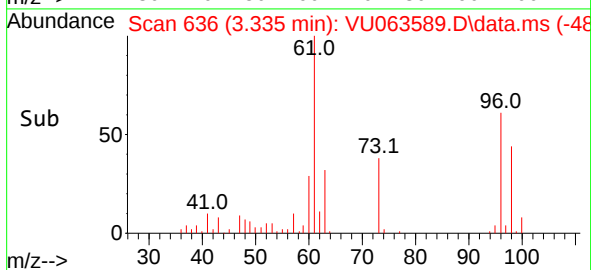
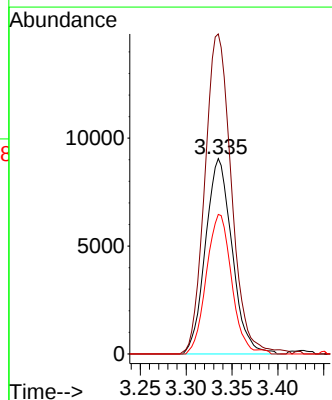
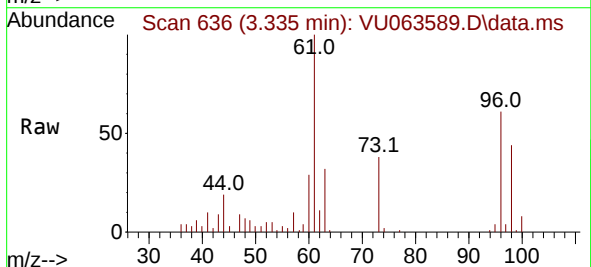


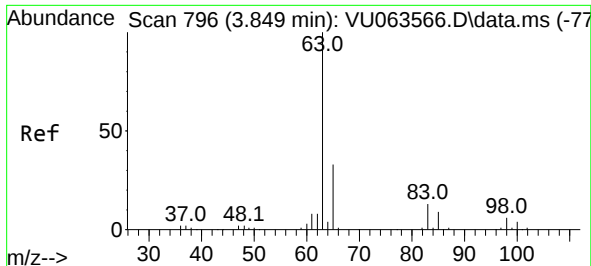
Tgt Ion:	84	Resp:	23577
Ion	Ratio	Lower	Upper
84	100		
49	141.0	111.8	167.6
51	47.3	0.0	86.0
86	63.4	50.8	76.2



#16
trans-1,2-Dichloroethene
Concen: 2.004 ug/l
RT: 3.335 min Scan# 636
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:	96	Resp:	18263
Ion	Ratio	Lower	Upper
96	100		
61	163.8	127.8	191.6
98	71.4	53.8	80.8

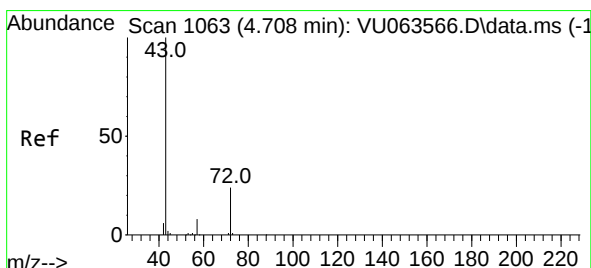
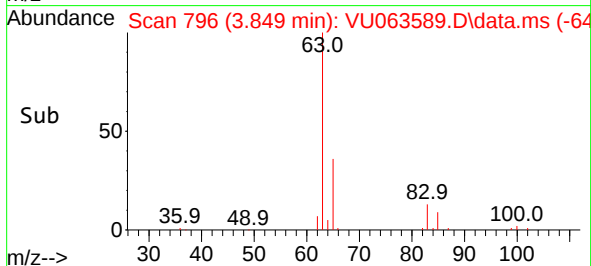
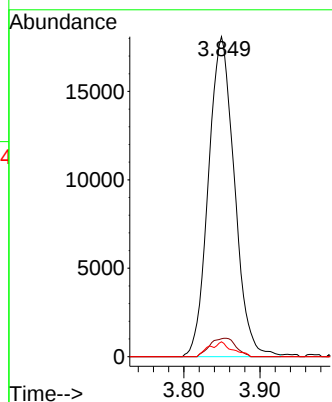
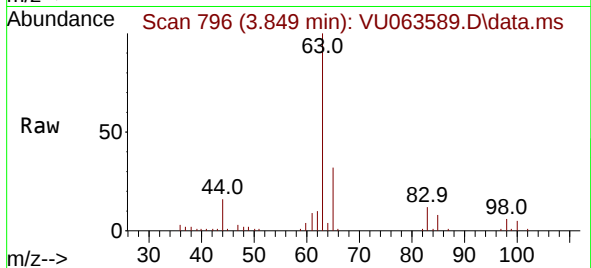




#17
 1,1-Dichloroethane
 Concen: 2.058 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

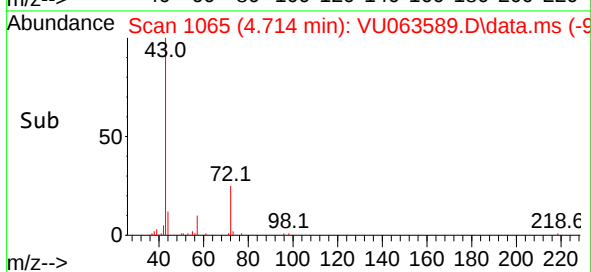
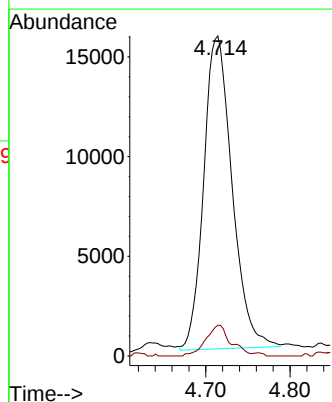
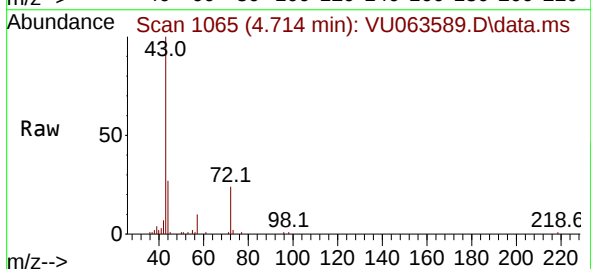
Instrument :
 MSVOA_U
 ClientSampleId :

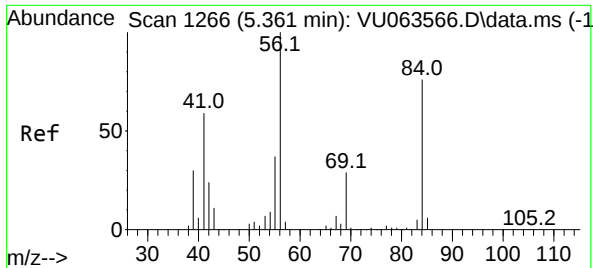
Tgt Ion: 63	Resp: 42954
Ion Ratio	Lower Upper
63 100	
98 5.6	2.9 8.8
100 4.6	2.0 5.8



#18
 2-Butanone
 Concen: 8.810 ug/l
 RT: 4.714 min Scan# 1065
 Delta R.T. 0.006 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

Tgt Ion: 43	Resp: 36778
Ion Ratio	Lower Upper
43 100	
57 9.9	0.0 15.8





#19

Cyclohexane

Concen: 1.824 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

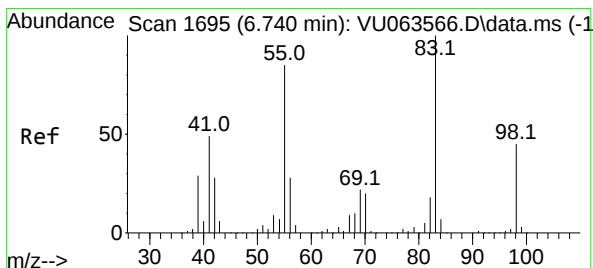
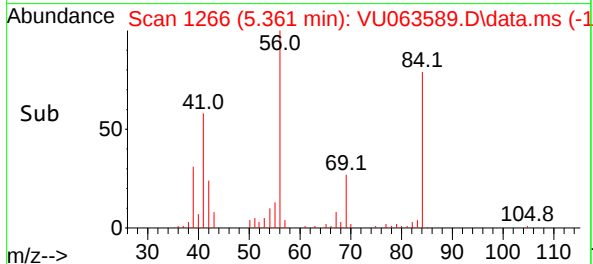
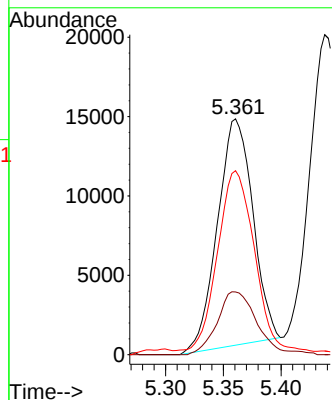
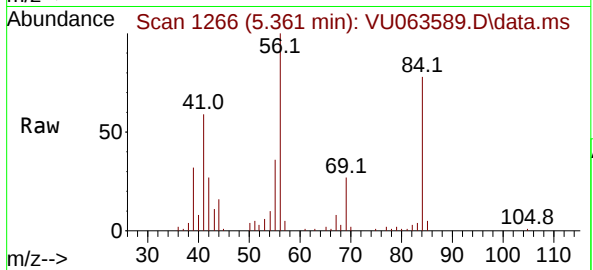
Tgt Ion: 56 Resp: 30504

Ion Ratio Lower Upper

56 100

69 31.1 22.7 34.1

84 81.7 59.4 89.0



#20

Methylcyclohexane

Concen: 1.925 ug/l

RT: 6.740 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

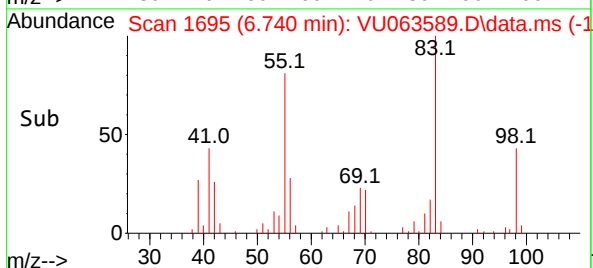
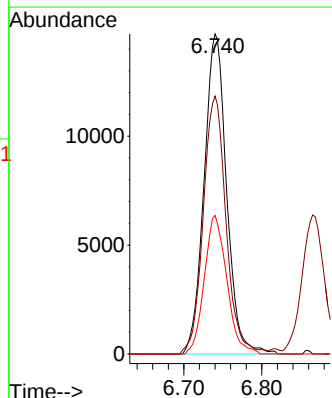
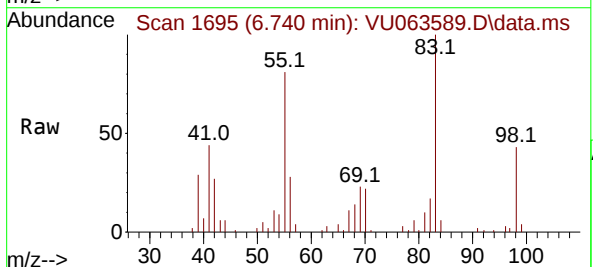
Tgt Ion: 83 Resp: 29515

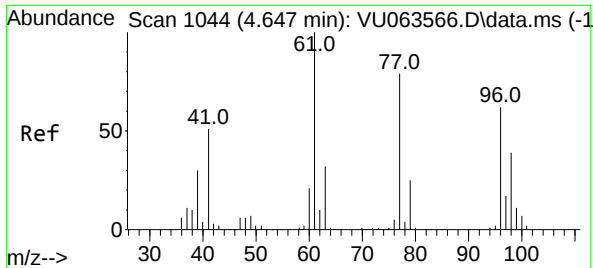
Ion Ratio Lower Upper

83 100

55 79.6 66.7 100.1

98 43.1 35.9 53.9

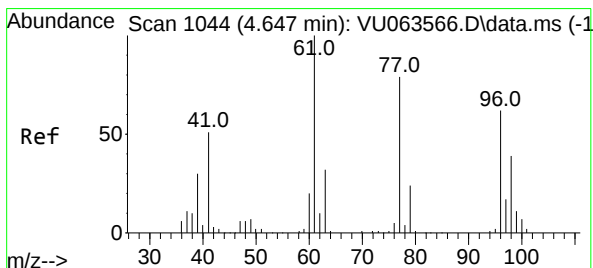
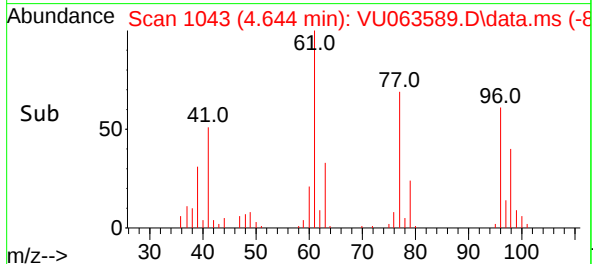
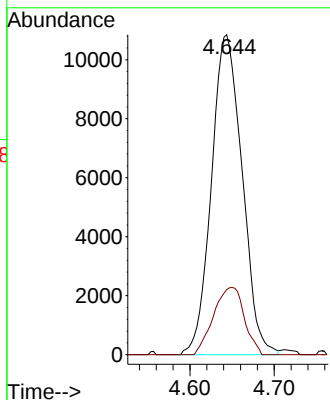
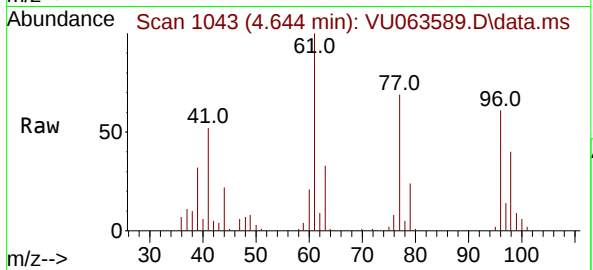




#21
2,2-Dichloropropane
Concen: 1.777 ug/l
RT: 4.644 min Scan# 1043
Delta R.T. -0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

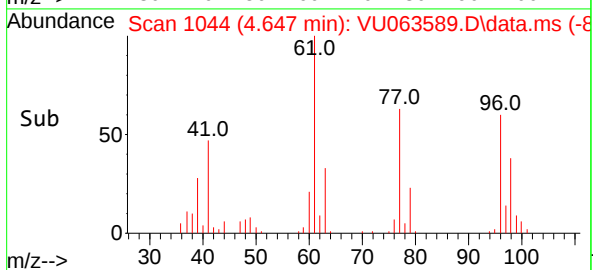
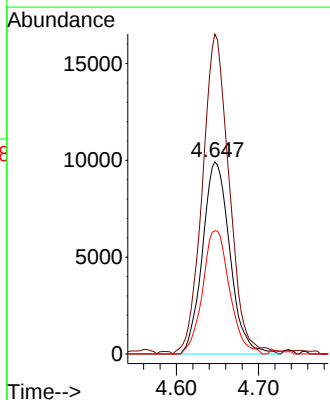
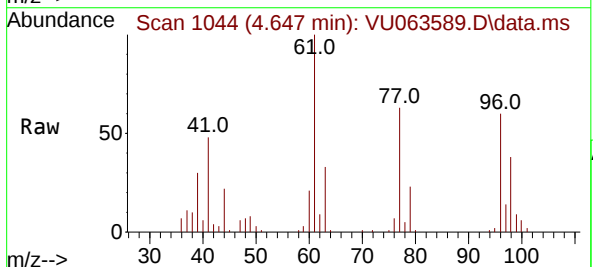
Instrument :
MSVOA_U
ClientSampleId :

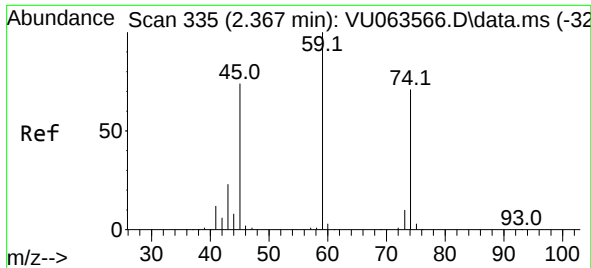
Tgt Ion: 77 Resp: 27445
Ion Ratio Lower Upper
77 100
97 21.0 17.5 26.3



#22
cis-1,2-Dichloroethene
Concen: 2.056 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 96 Resp: 22999
Ion Ratio Lower Upper
96 100
61 163.6 0.0 411.0
98 63.1 31.9 95.9

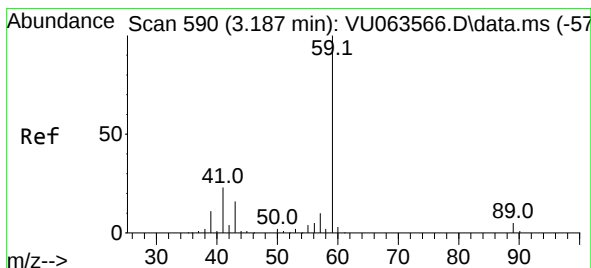
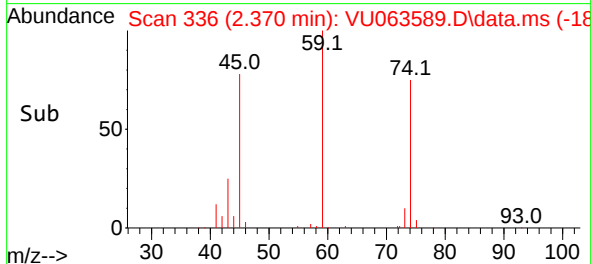
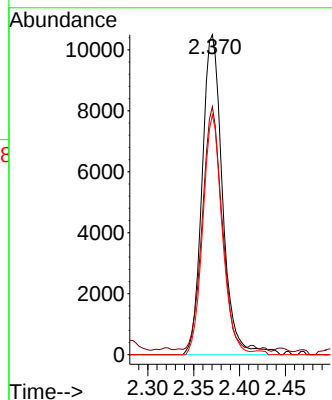
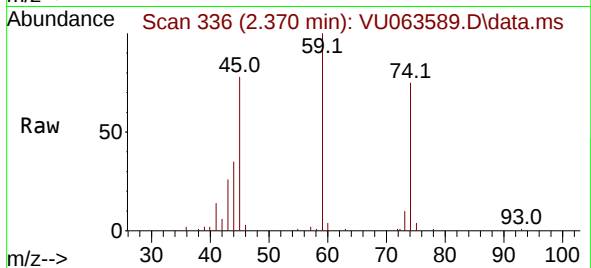




#23
Diethyl Ether
Concen: 2.142 ug/l
RT: 2.370 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

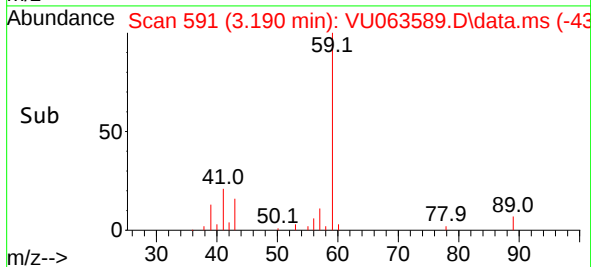
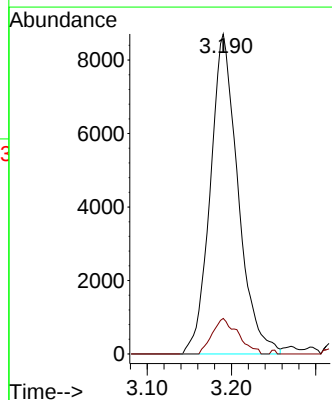
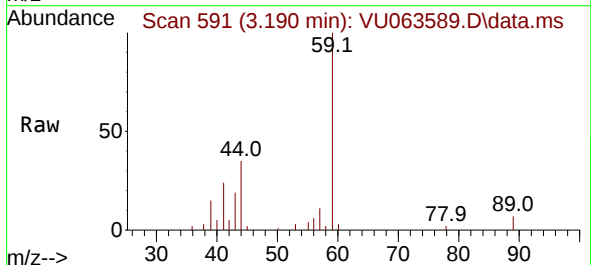
Instrument :
MSVOA_U
ClientSampleId :

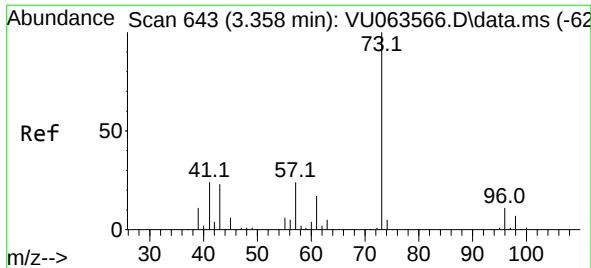
Tgt Ion: 59	Resp: 16241
Ion Ratio	Lower Upper
59	100
45	72.1 59.0 88.6
74	71.3 57.8 86.6



#24
tert-Butyl Alcohol
Concen: 19.829 ug/l
RT: 3.190 min Scan# 591
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 59	Resp: 19925
Ion Ratio	Lower Upper
59	100
57	10.3 8.6 12.8

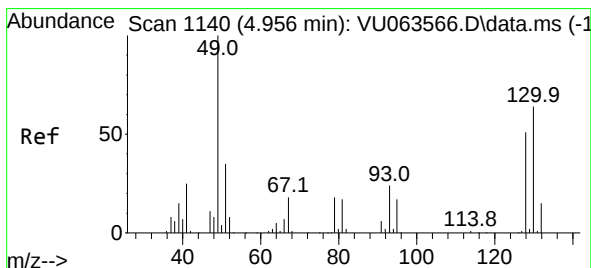
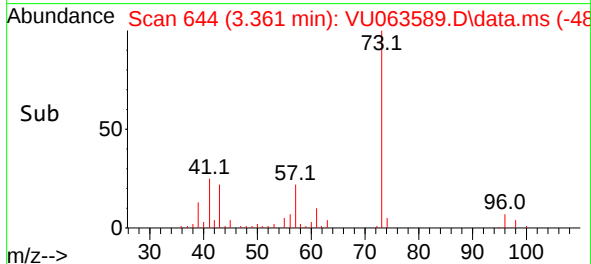
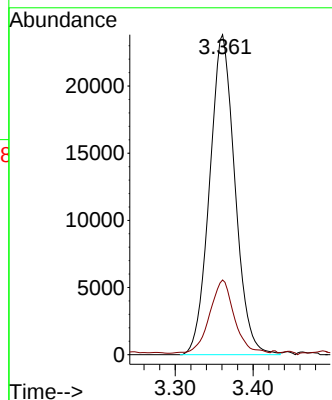
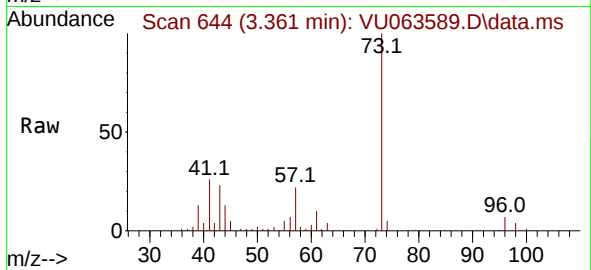




#25
Methyl tert-Butyl Ether
Concen: 2.105 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

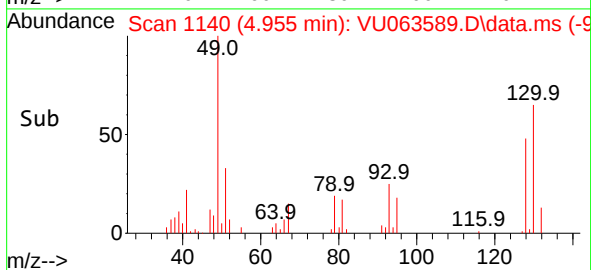
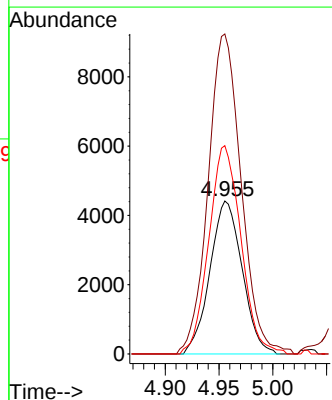
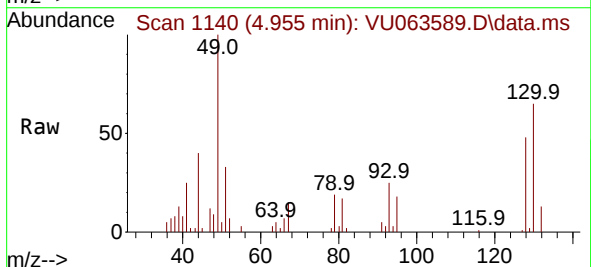
Instrument :
MSVOA_U
ClientSampleId :

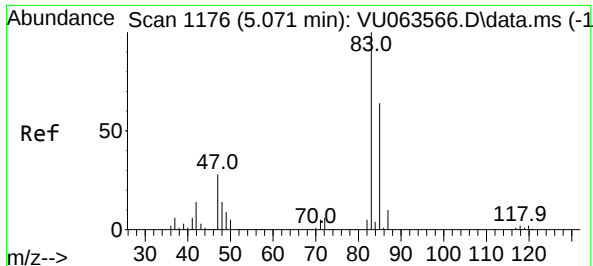
Tgt Ion: 73 Resp: 53779
Ion Ratio Lower Upper
73 100
43 22.2 18.1 27.1



#26
Bromochloromethane
Concen: 2.037 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 128 Resp: 9210
Ion Ratio Lower Upper
128 100
49 214.3 0.0 410.2
130 136.0 103.4 155.0





#27

Chloroform

Concen: 2.052 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

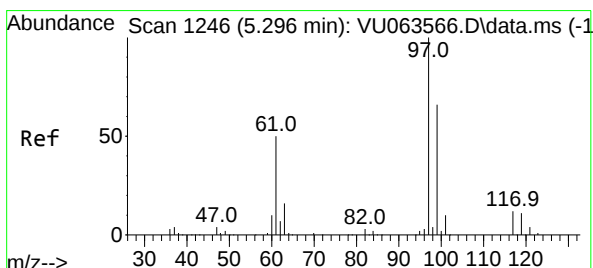
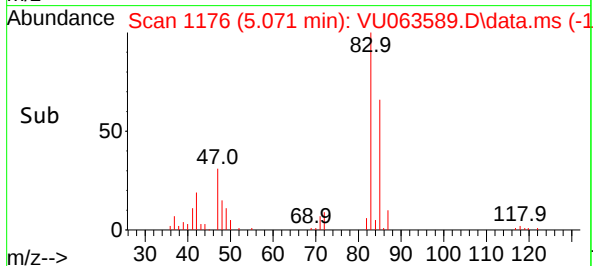
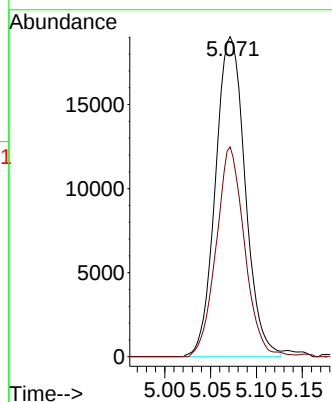
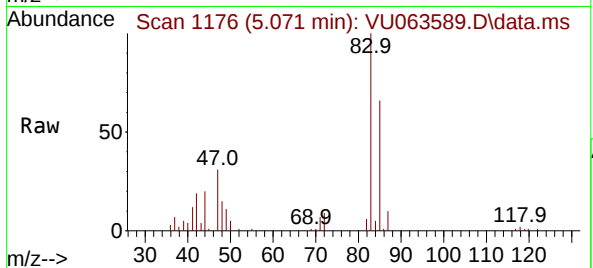
ClientSampleId :

Tgt Ion: 83 Resp: 42878

Ion Ratio Lower Upper

83 100

85 65.6 0.0 128.6



#28

1,1,1-Trichloroethane

Concen: 1.964 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

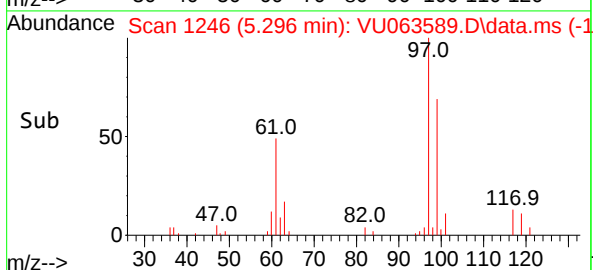
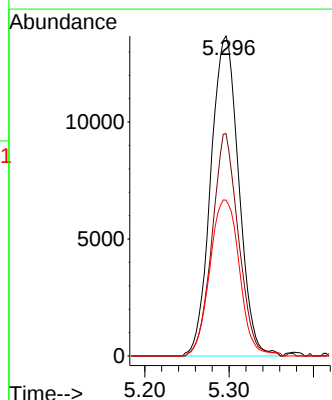
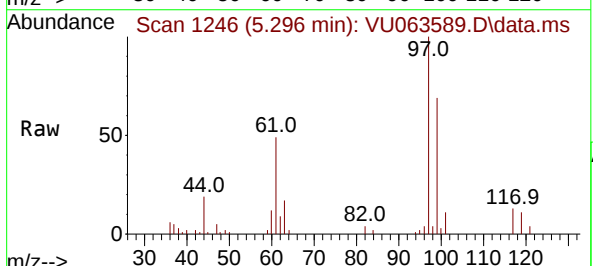
Tgt Ion: 97 Resp: 31534

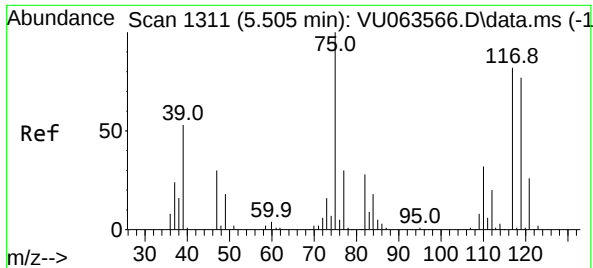
Ion Ratio Lower Upper

97 100

99 65.7 32.4 97.0

61 51.7 25.1 75.4

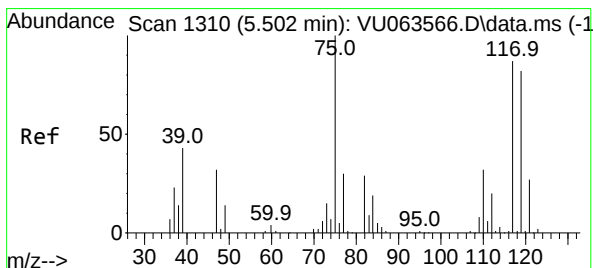
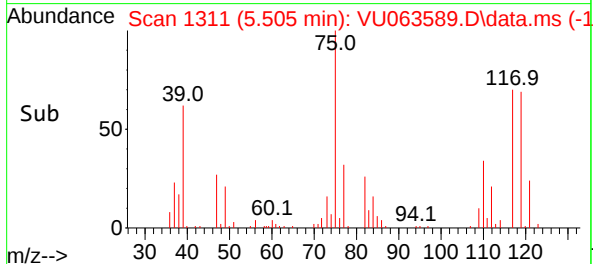
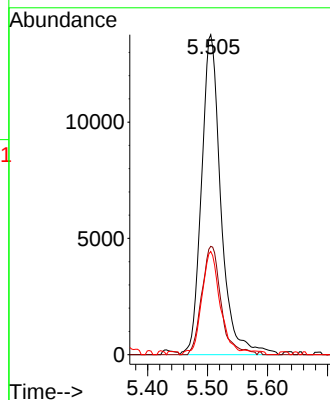
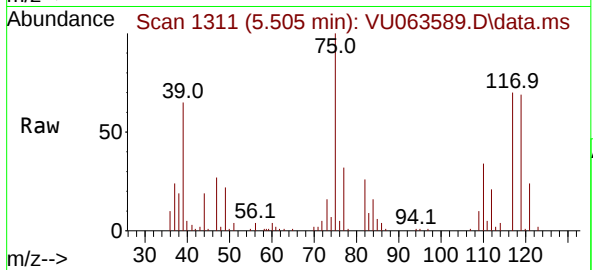




#29
1,1-Dichloropropene
Concen: 2.079 ug/l
RT: 5.505 min Scan# 1311
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

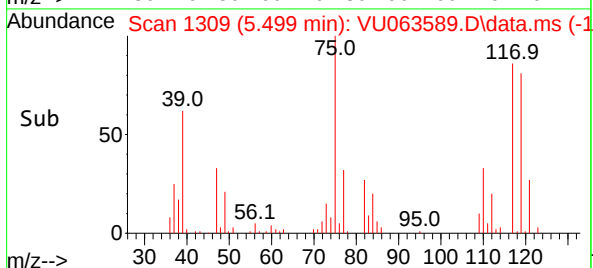
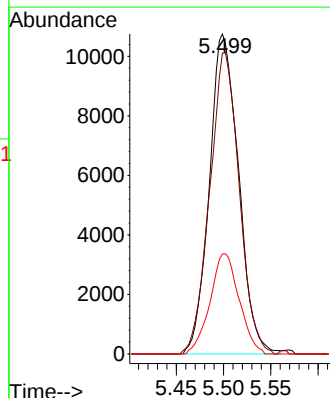
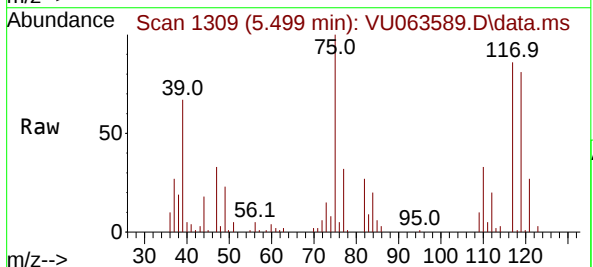
Instrument :
MSVOA_U
ClientSampleId :

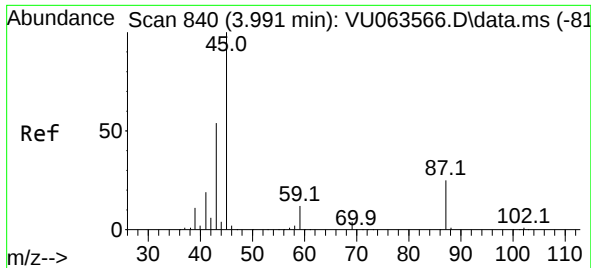
Tgt Ion: 75 Resp: 31020
Ion Ratio Lower Upper
75 100
110 33.7 16.4 49.4
77 30.4 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.952 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 117 Resp: 23086
Ion Ratio Lower Upper
117 100
119 94.0 75.7 113.5
121 31.2 25.4 38.0

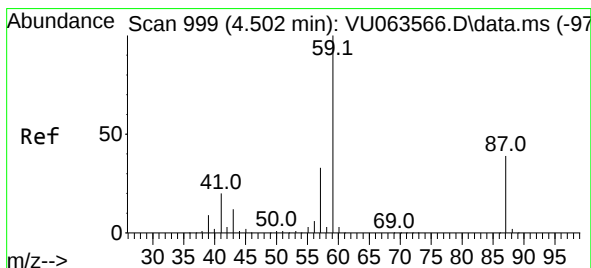
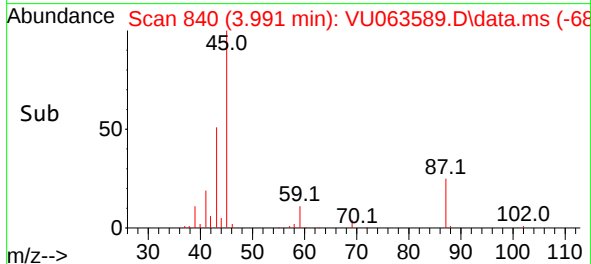
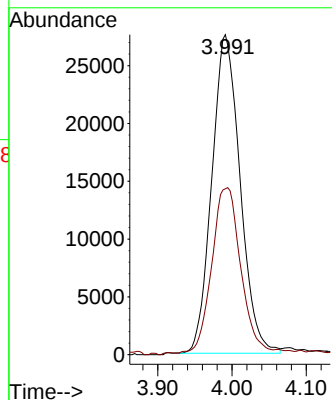
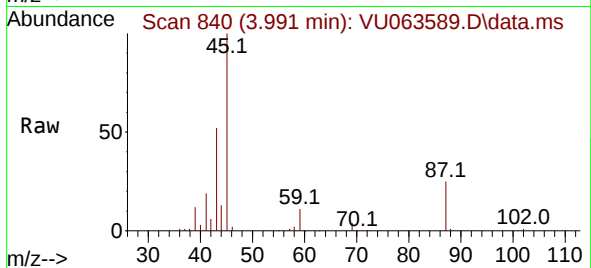




#31
Isopropyl Ether
Concen: 2.084 ug/l
RT: 3.991 min Scan# 840
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

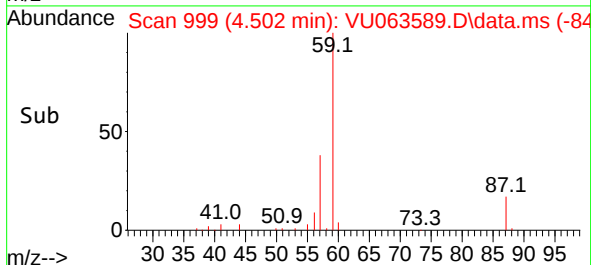
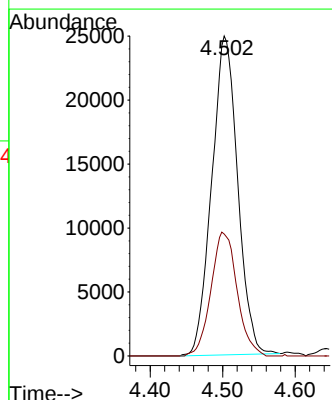
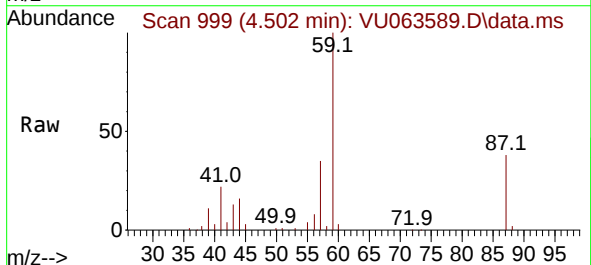
Instrument :
MSVOA_U
ClientSampleId :

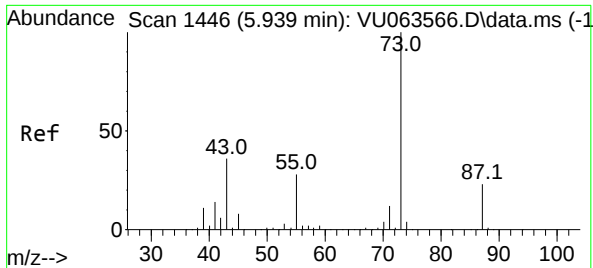
Tgt Ion: 45 Resp: 72913
Ion Ratio Lower Upper
45 100
43 53.0 26.2 78.6



#32
Ethyl-t-butyl ether
Concen: 2.073 ug/l
RT: 4.502 min Scan# 999
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 59 Resp: 61981
Ion Ratio Lower Upper
59 100
87 39.1 31.2 46.8

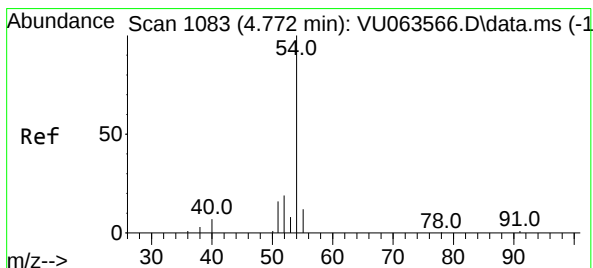
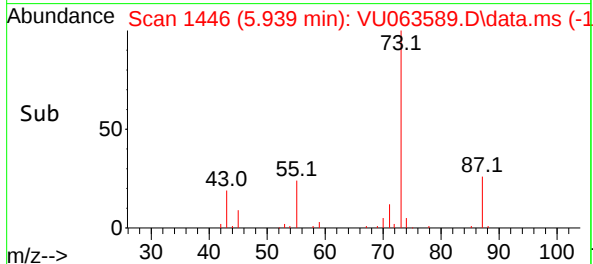
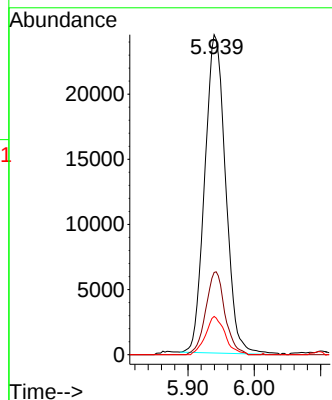
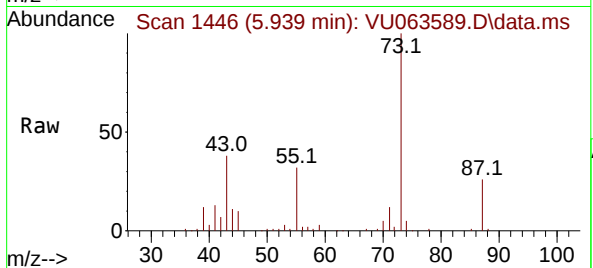




#33
Tert-Amyl methyl ether
Concen: 2.094 ug/l
RT: 5.939 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

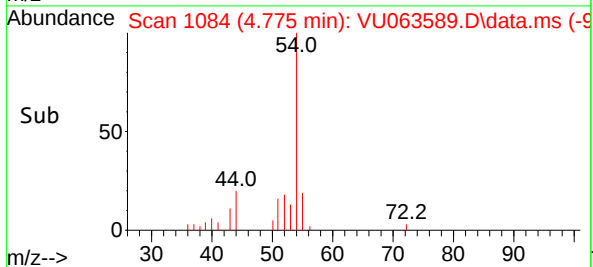
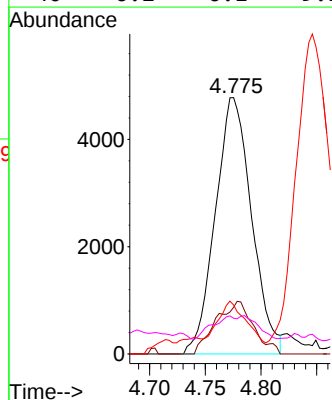
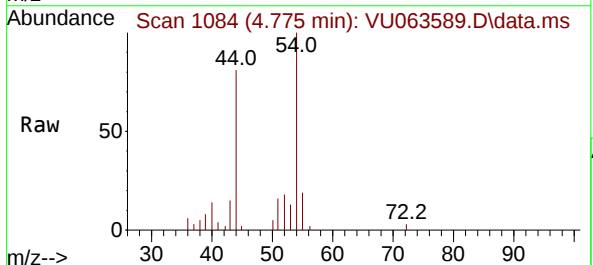
Instrument :
MSVOA_U
ClientSampleId :

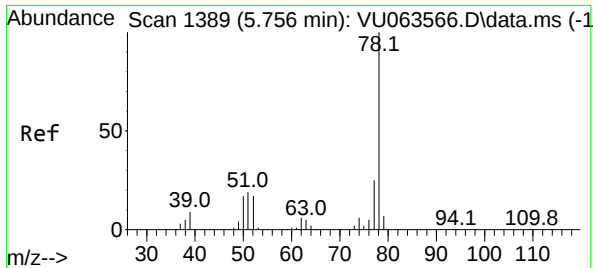
Tgt Ion: 73 Resp: 53339
Ion Ratio Lower Upper
73 100
87 24.1 19.0 28.6
71 11.2 9.4 14.2



#34
Propionitrile
Concen: 11.089 ug/l
RT: 4.775 min Scan# 1084
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 54 Resp: 10828
Ion Ratio Lower Upper
54 100
52 21.2 15.2 22.8
55 11.9 11.7 17.5
40 6.2 6.1 9.1





#35

Benzene

Concen: 2.073 ug/l

RT: 5.756 min Scan# 1389

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

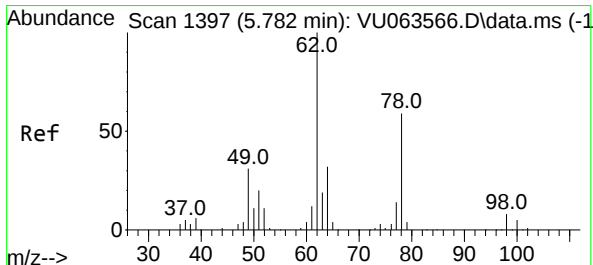
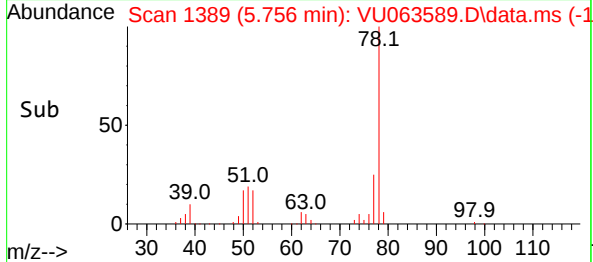
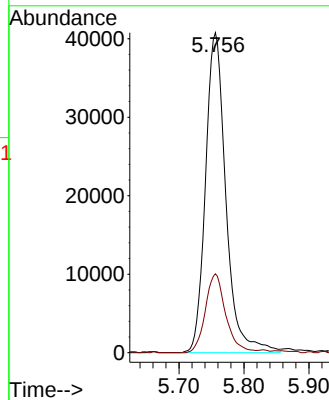
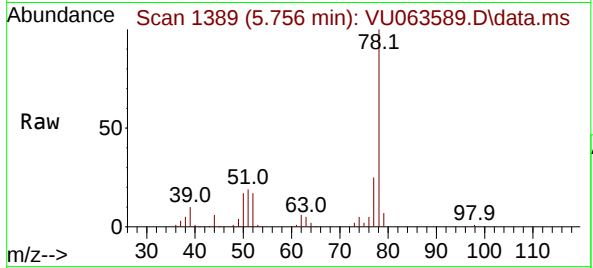
ClientSampleId :

Tgt Ion: 78 Resp: 89057

Ion Ratio Lower Upper

78 100

77 24.7 19.8 29.8



#36

1,2-Dichloroethane

Concen: 2.068 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VU063589.D

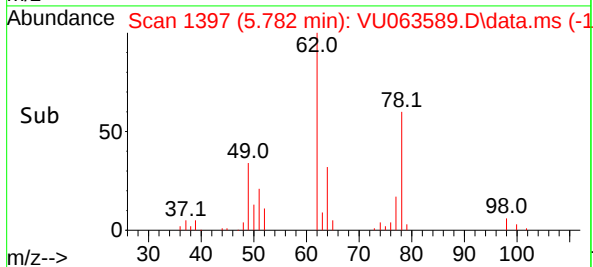
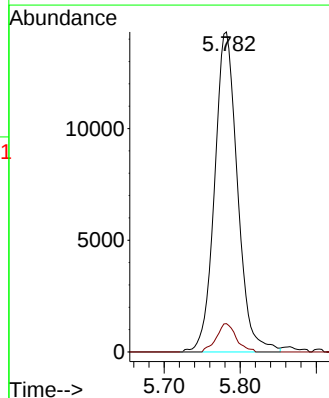
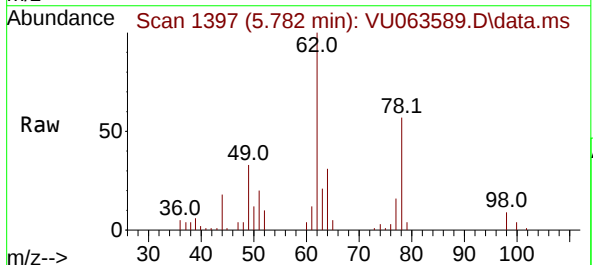
Acq: 16 Sep 2025 11:56

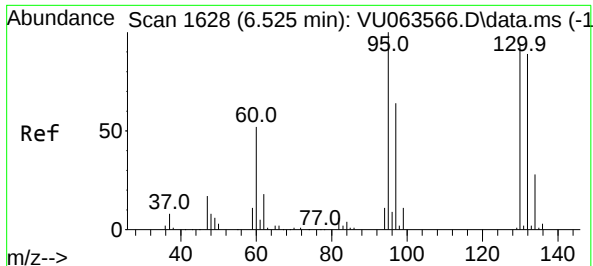
Tgt Ion: 62 Resp: 29969

Ion Ratio Lower Upper

62 100

98 7.6 6.3 9.5





#37

Trichloroethene

Concen: 2.058 ug/l

RT: 6.524 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

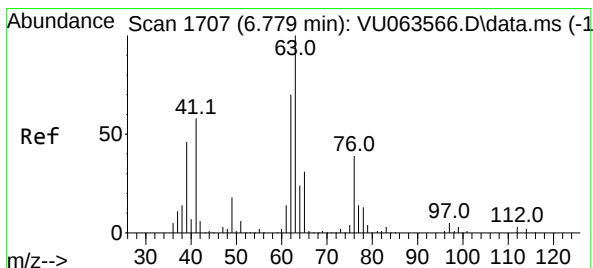
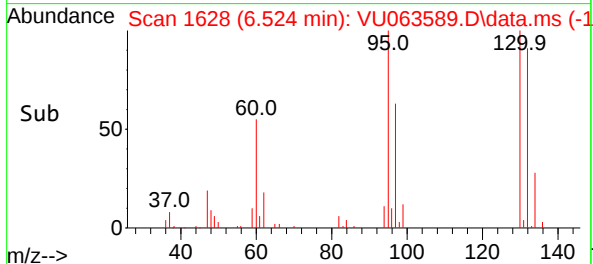
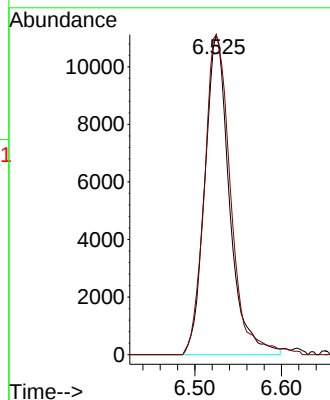
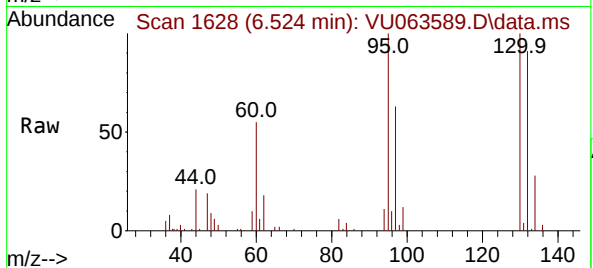
ClientSampleId :

Tgt Ion:130 Resp: 22009

Ion Ratio Lower Upper

130 100

95 100.0 85.4 128.2



#38

1,2-Dichloropropane

Concen: 2.013 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. -0.000 min

Lab File: VU063589.D

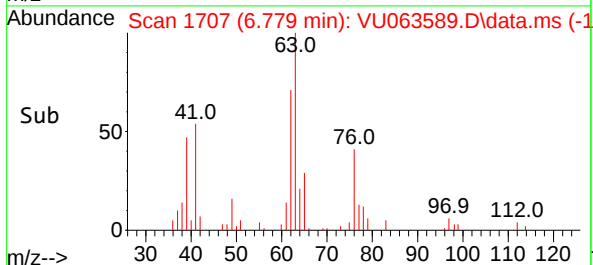
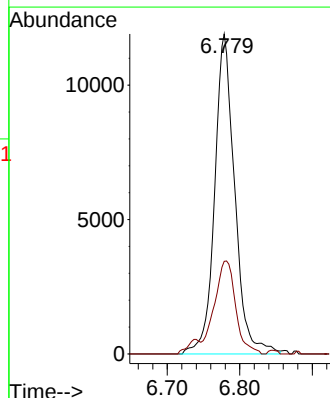
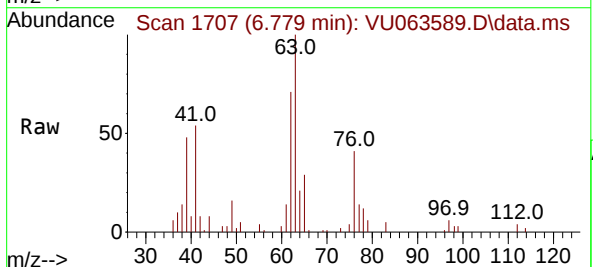
Acq: 16 Sep 2025 11:56

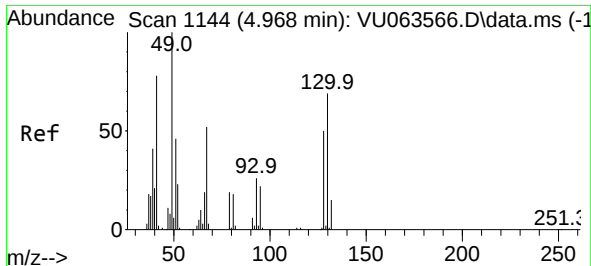
Tgt Ion: 63 Resp: 22912

Ion Ratio Lower Upper

63 100

65 29.0 24.9 37.3

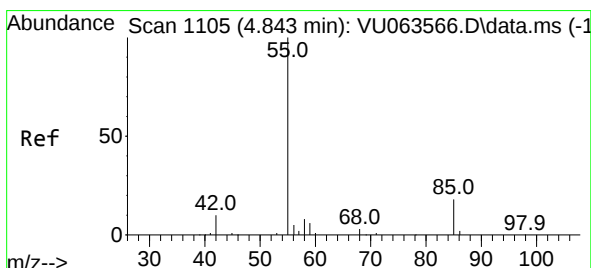
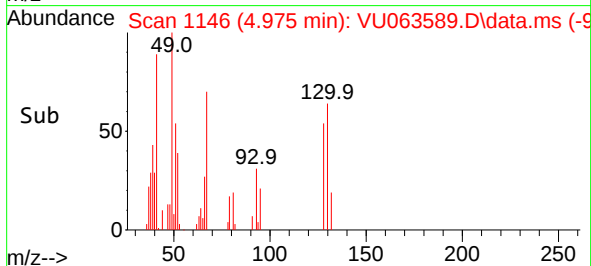
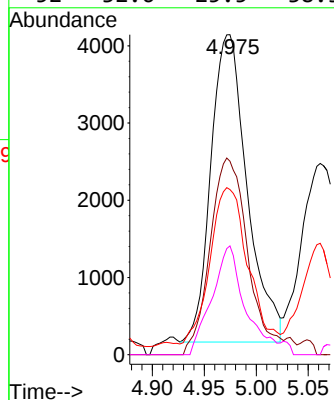
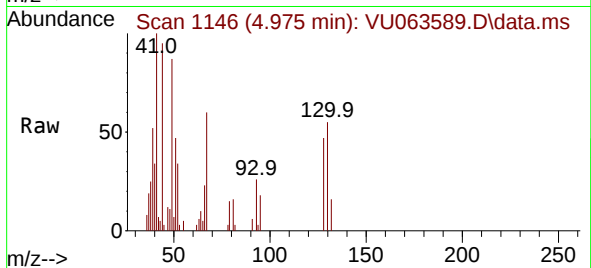




#39
Methacrylonitrile
Concen: 2.094 ug/l
RT: 4.975 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

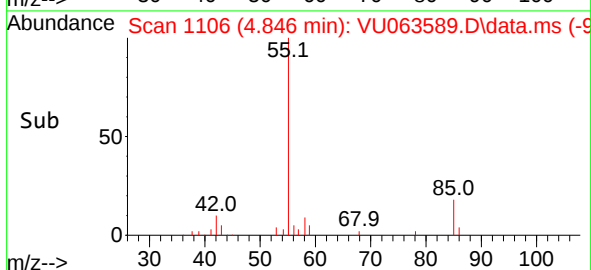
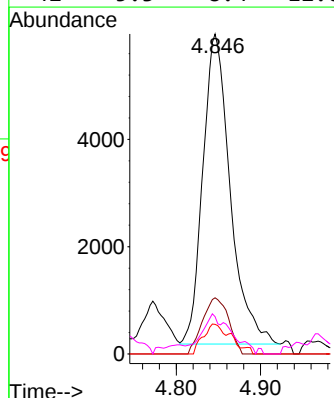
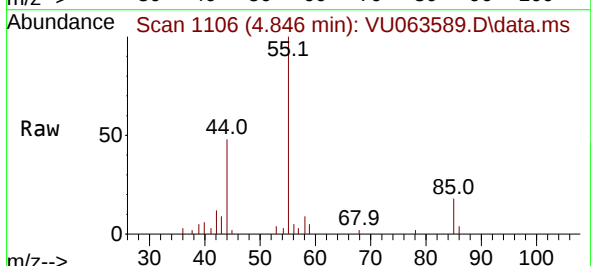
Instrument :
MSVOA_U
ClientSampleId :

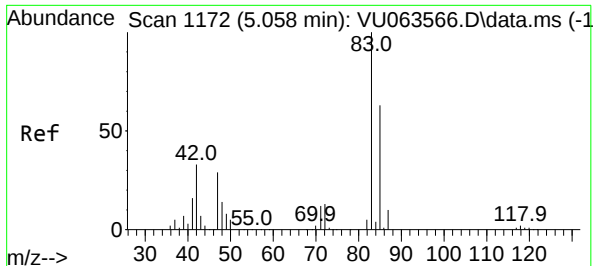
Tgt Ion: 41	Resp: 9653
Ion Ratio	Lower Upper
41 100	
67 66.6	57.7 86.5
39 52.5	44.6 67.0
52 32.6	25.5 38.3



#40
Methyl acrylate
Concen: 2.070 ug/l
RT: 4.846 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 55	Resp: 13080
Ion Ratio	Lower Upper
55 100	
85 17.1	12.8 19.2
58 9.2	6.6 10.0
42 5.3	8.4 12.6#

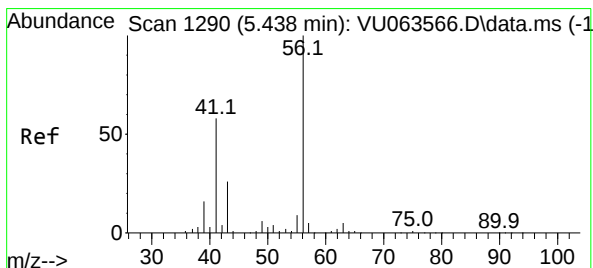
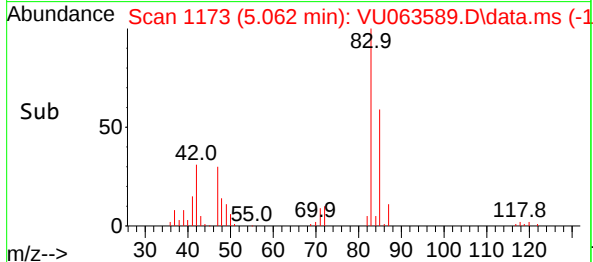
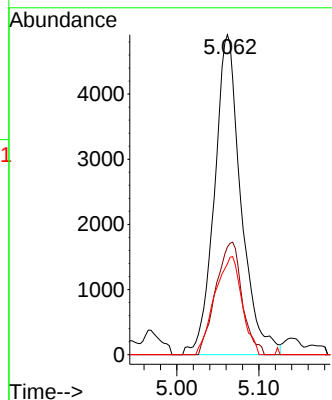
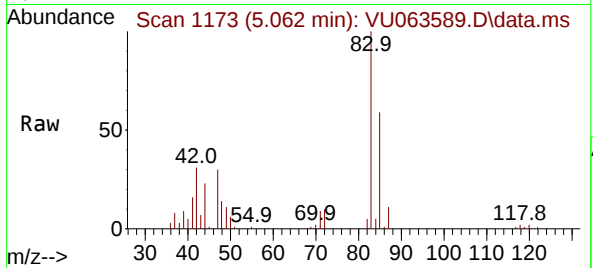




#41
Tetrahydrofuran
Concen: 4.589 ug/l
RT: 5.062 min Scan# 1173
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

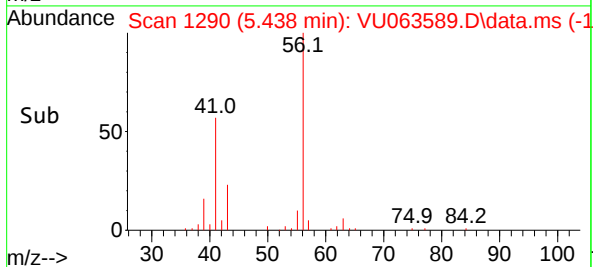
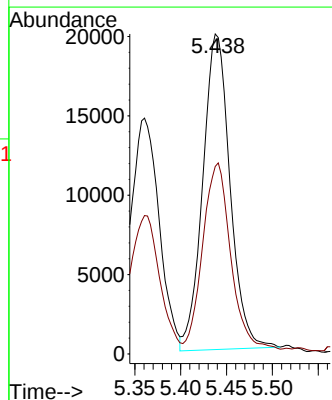
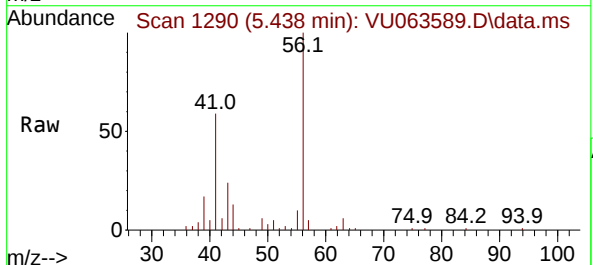
Instrument :
MSVOA_U
ClientSampleId :

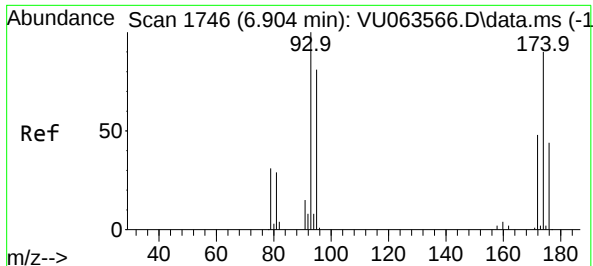
Tgt Ion: 42 Resp: 11027
Ion Ratio Lower Upper
42 100
72 34.8 34.1 51.1
71 31.4 29.9 44.9



#42
1-Chlorobutane
Concen: 1.970 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

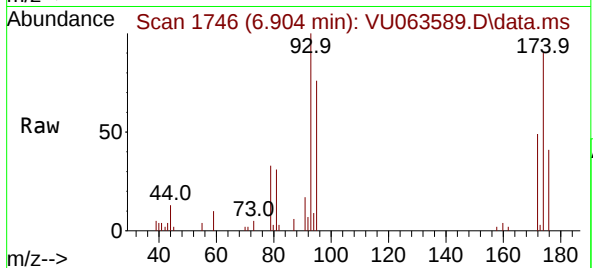
Tgt Ion: 56 Resp: 41201
Ion Ratio Lower Upper
56 100
41 61.2 28.3 84.9



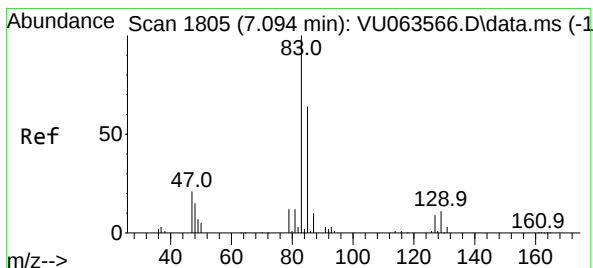
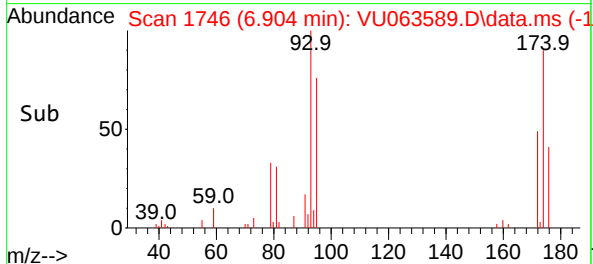
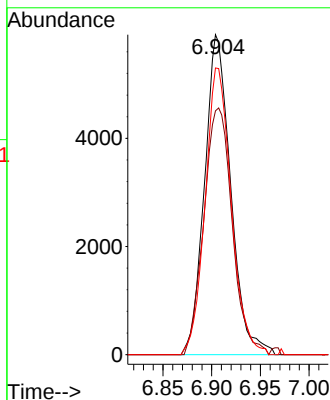


#43
Dibromomethane
Concen: 2.027 ug/l
RT: 6.904 min Scan# 1746
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Instrument :
MSVOA_U
ClientSampleId :

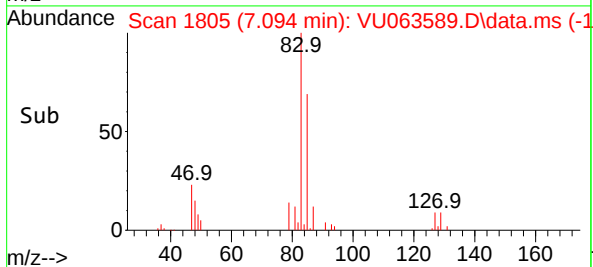
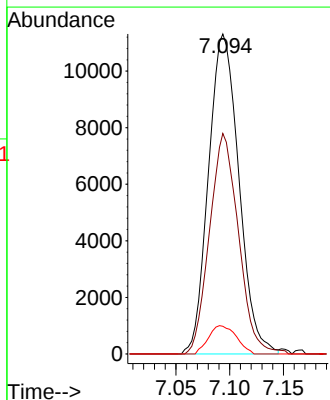
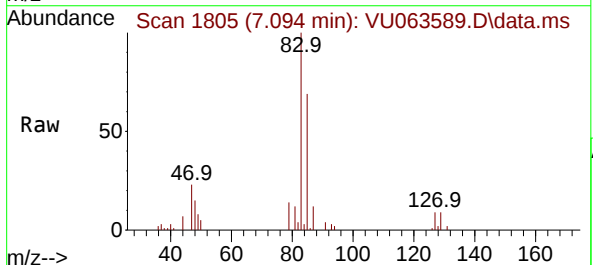


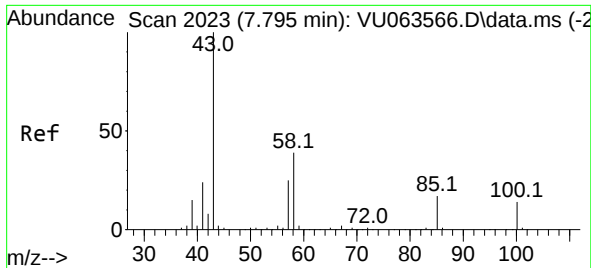
Tgt Ion: 93 Resp: 11060
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 89.7 72.7 109.1



#44
Bromodichloromethane
Concen: 1.907 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 83 Resp: 22228
Ion Ratio Lower Upper
83 100
85 68.9 51.2 76.8
127 8.7 6.9 10.3





#45

4-Methyl-2-Pentanone

Concen: 10.138 ug/l

RT: 7.798 min Scan# 2023

Delta R.T. 0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

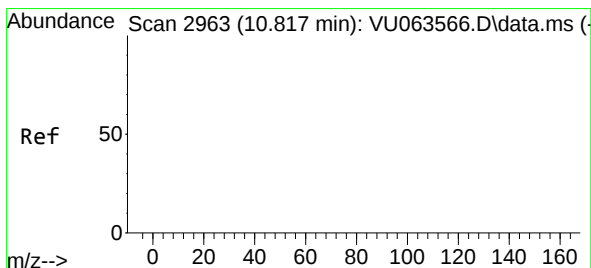
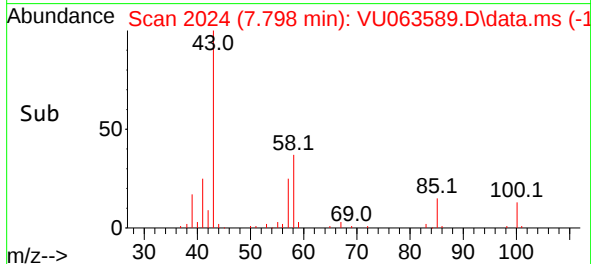
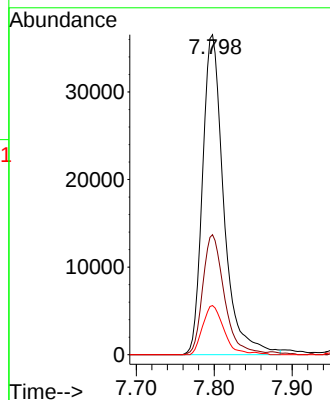
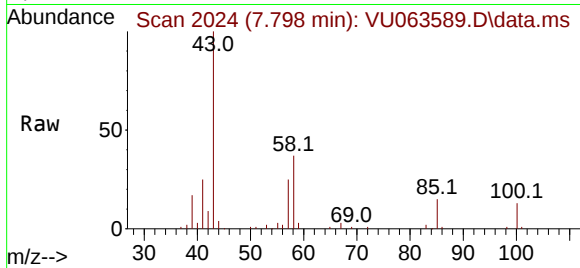
Tgt Ion: 43 Resp: 69276

Ion Ratio Lower Upper

43 100

58 38.2 18.9 56.9

85 15.2 13.3 19.9



#46

t-1,4-Dichloro-2-butene

Concen: 7.694 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Tgt Ion: 75 Resp: 19673

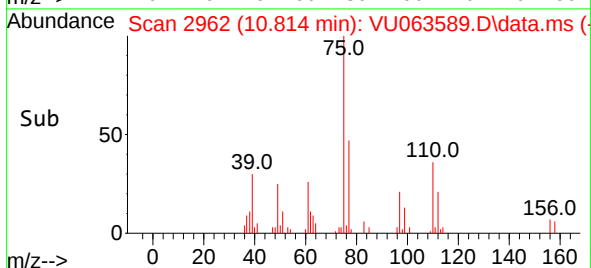
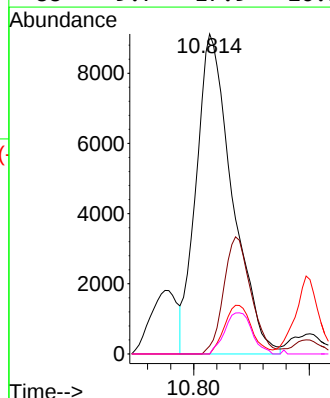
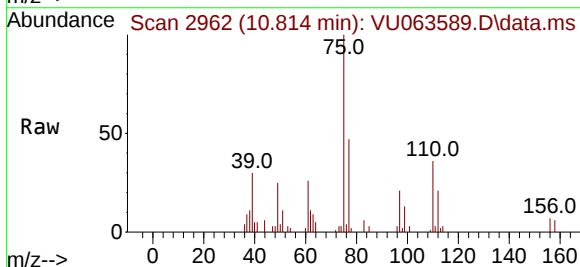
Ion Ratio Lower Upper

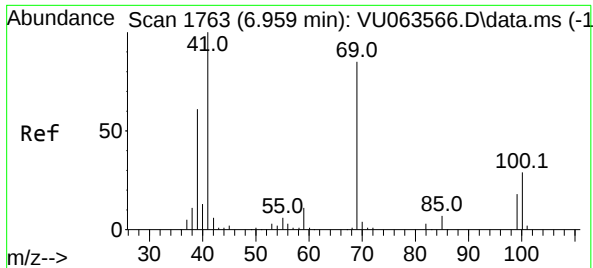
75 100

53 27.9 43.2 64.8#

89 11.5 21.9 32.9#

88 9.7 17.9 26.9#





#47

Methyl methacrylate

Concen: 3.944 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 19249

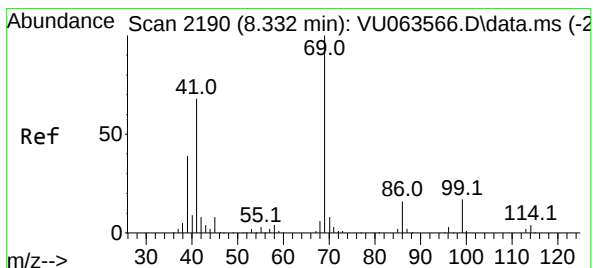
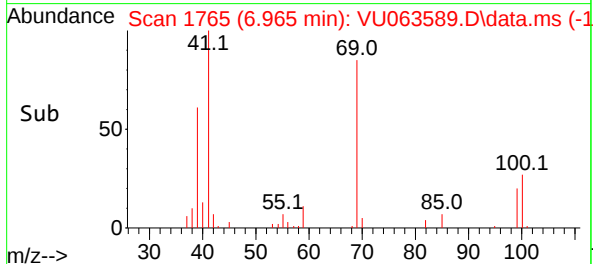
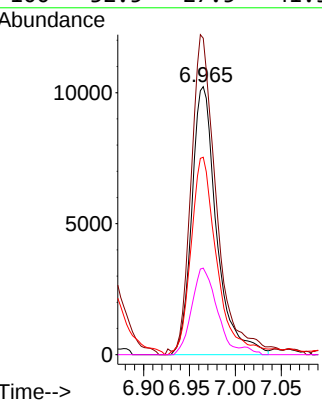
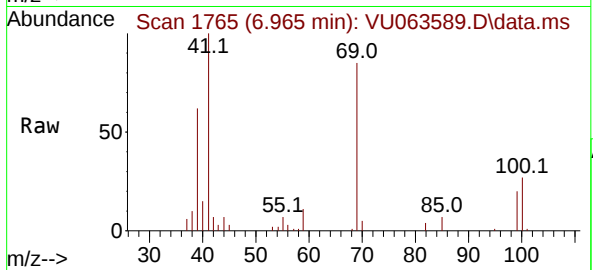
Ion Ratio Lower Upper

69 100

41 122.9 0.0 236.8

39 76.7 57.8 86.6

100 32.5 27.5 41.3



#48

Ethyl methacrylate

Concen: 1.923 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063589.D

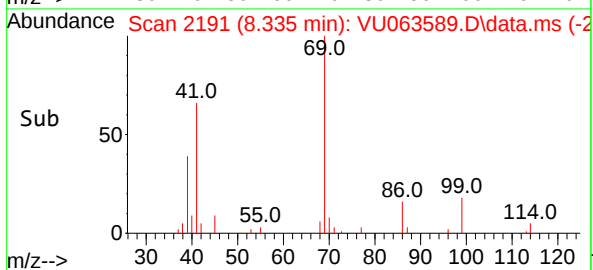
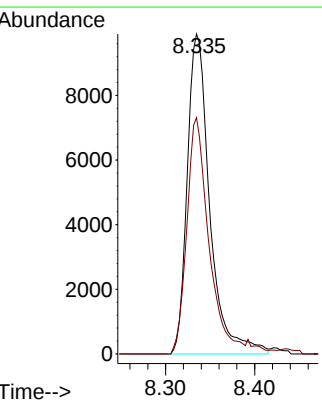
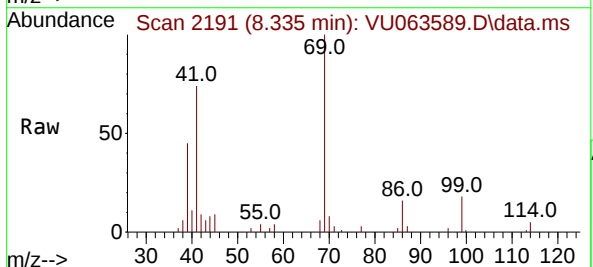
Acq: 16 Sep 2025 11:56

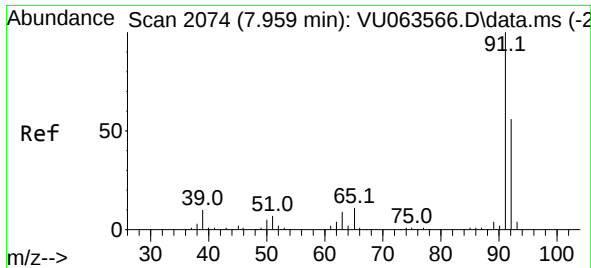
Tgt Ion: 69 Resp: 17408

Ion Ratio Lower Upper

69 100

41 72.1 33.7 101.1





#49

Toluene

Concen: 1.982 ug/l

RT: 7.959 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

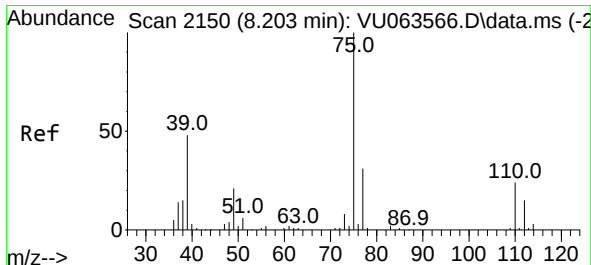
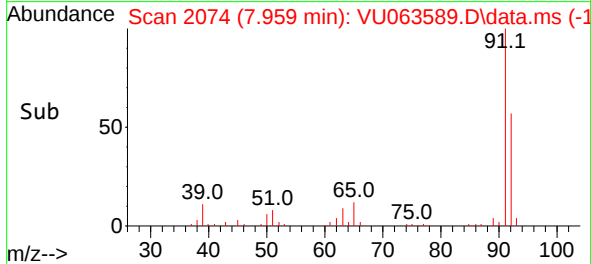
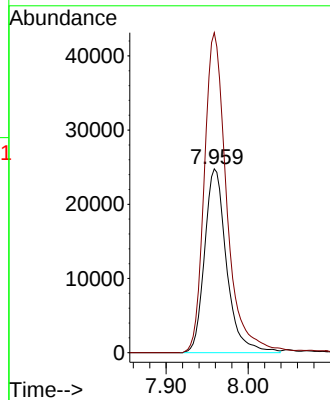
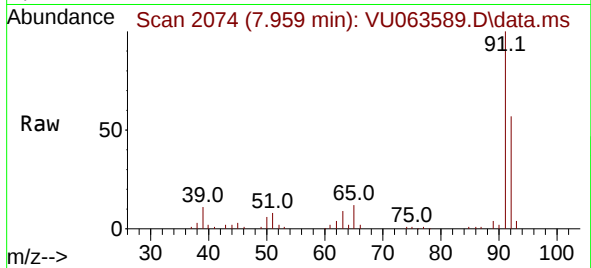
ClientSampleId :

Tgt Ion: 92 Resp: 46197

Ion Ratio Lower Upper

92 100

91 177.5 139.4 209.2



#50

t-1,3-Dichloropropene

Concen: 1.780 ug/l

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU063589.D

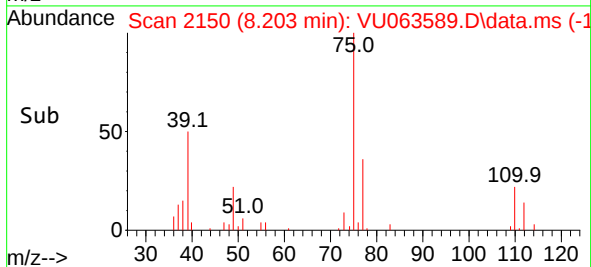
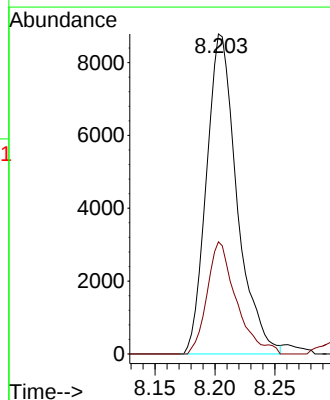
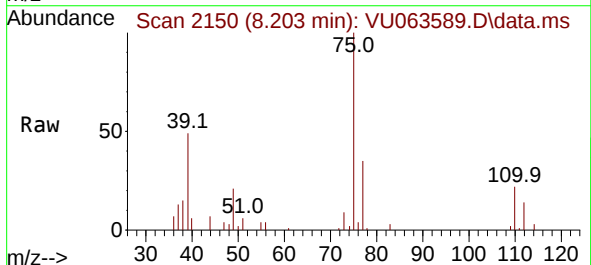
Acq: 16 Sep 2025 11:56

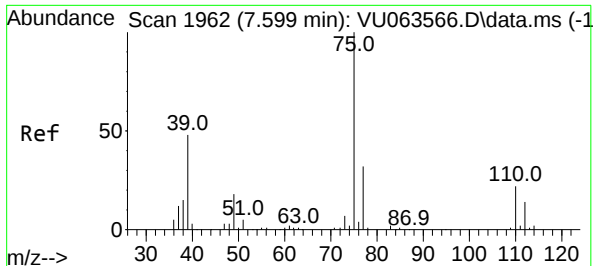
Tgt Ion: 75 Resp: 15543

Ion Ratio Lower Upper

75 100

77 35.0 24.8 37.2





#51

cis-1,3-Dichloropropene

Concen: 1.780 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

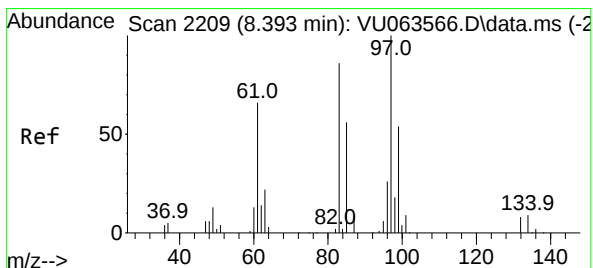
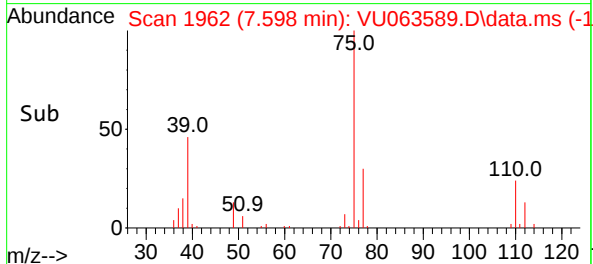
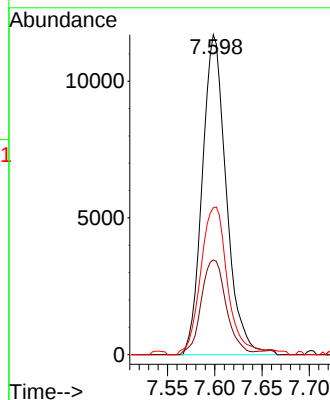
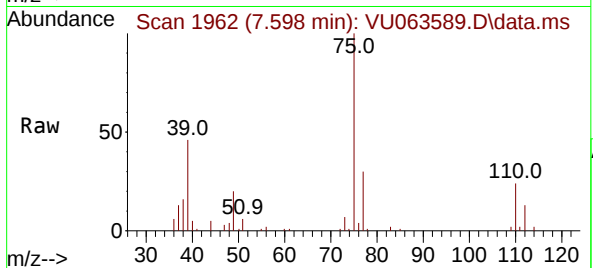
Tgt Ion: 75 Resp: 20679

Ion Ratio Lower Upper

75 100

77 29.6 25.2 37.8

39 44.8 38.8 58.2



#52

1,1,2-Trichloroethane

Concen: 2.180 ug/l

RT: 8.393 min Scan# 2209

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Tgt Ion: 97 Resp: 16833

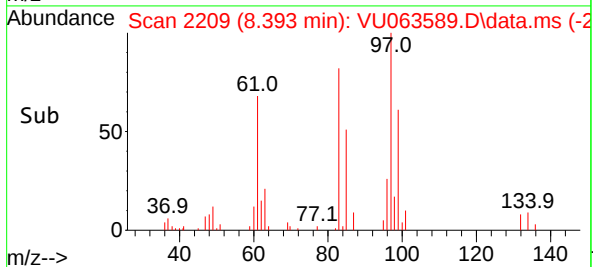
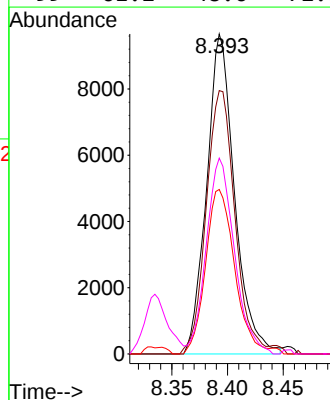
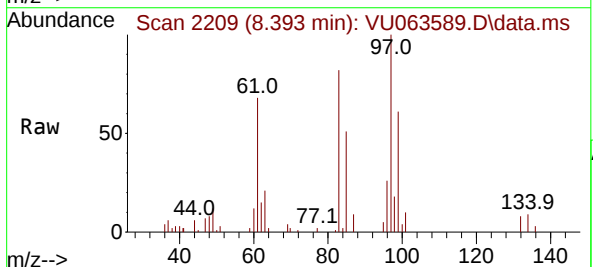
Ion Ratio Lower Upper

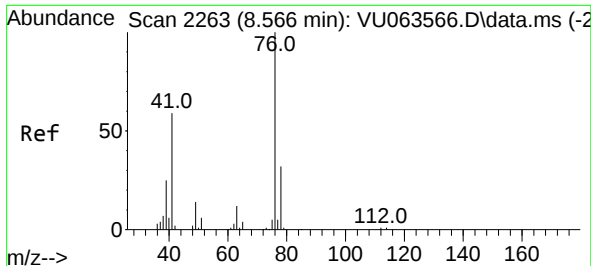
97 100

83 82.3 68.5 102.7

85 51.4 45.0 67.6

99 61.2 48.6 72.8

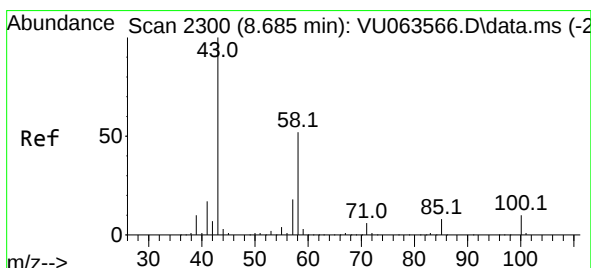
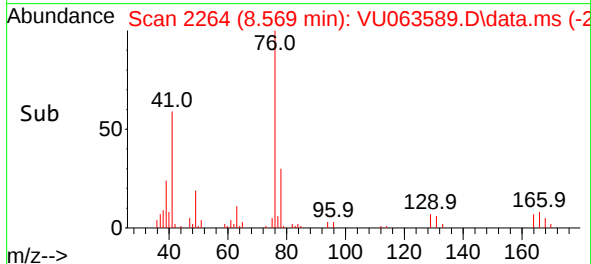
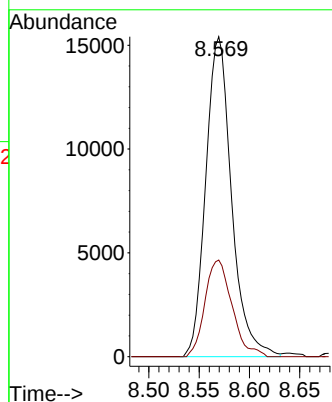
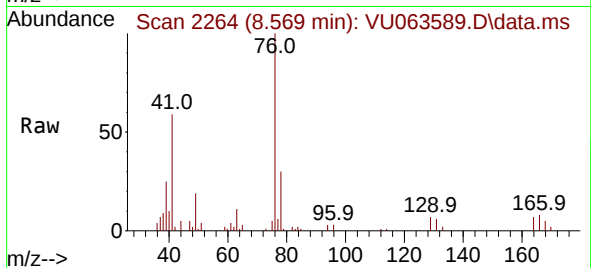




#53
1,3-Dichloropropane
Concen: 2.047 ug/l
RT: 8.569 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

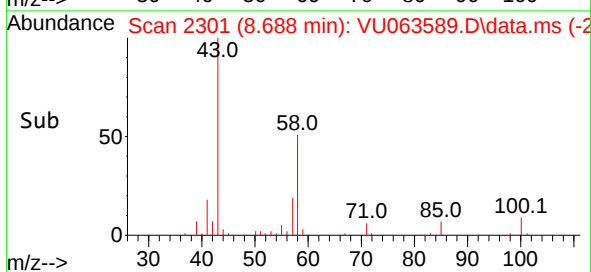
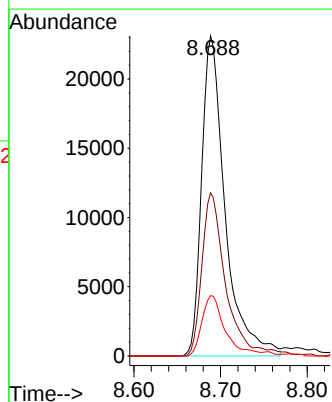
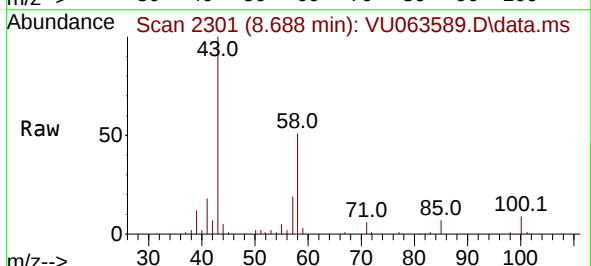
Instrument :
MSVOA_U
ClientSampleId :

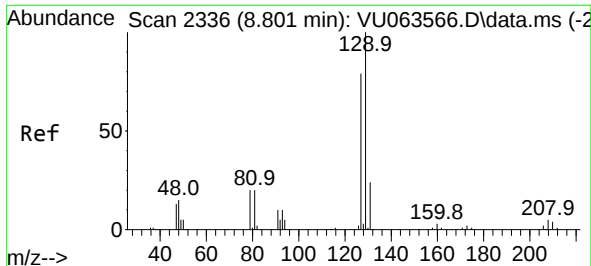
Tgt Ion: 76 Resp: 27468
Ion Ratio Lower Upper
76 100
78 31.7 26.2 39.2



#54
2-Hexanone
Concen: 8.699 ug/l
RT: 8.688 min Scan# 2301
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

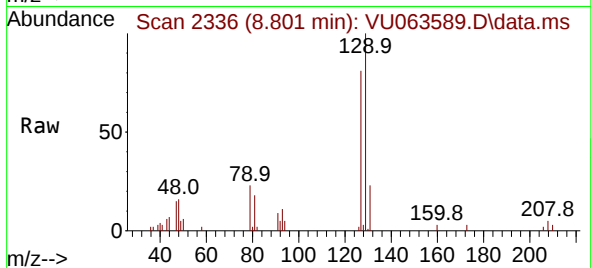
Tgt Ion: 43 Resp: 43439
Ion Ratio Lower Upper
43 100
58 52.0 32.7 72.7
57 18.5 0.0 38.2



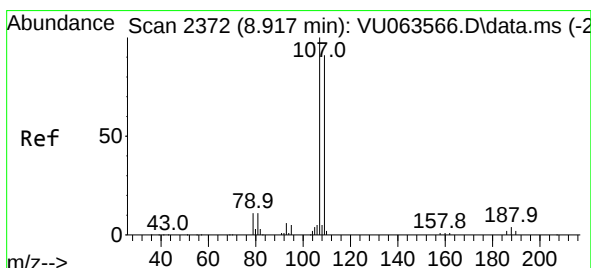
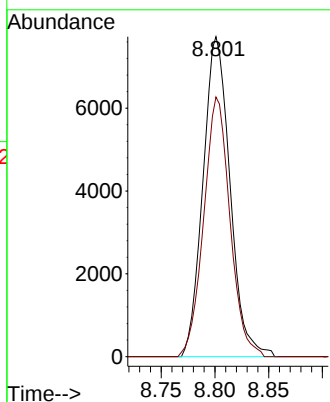
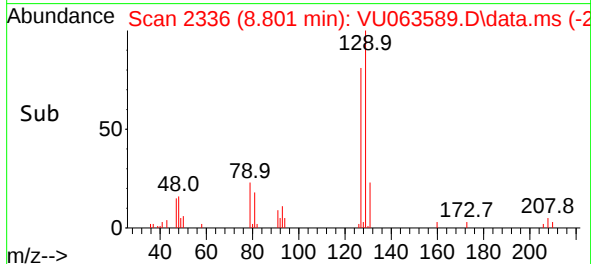


#55
Dibromochloromethane
Concen: 1.804 ug/l
RT: 8.801 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Instrument :
MSVOA_U
ClientSampleId :

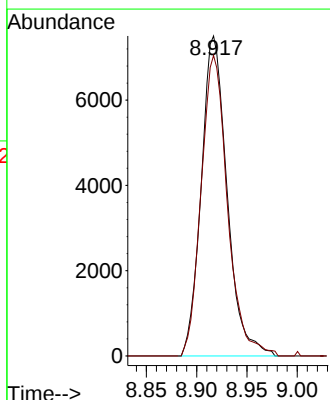
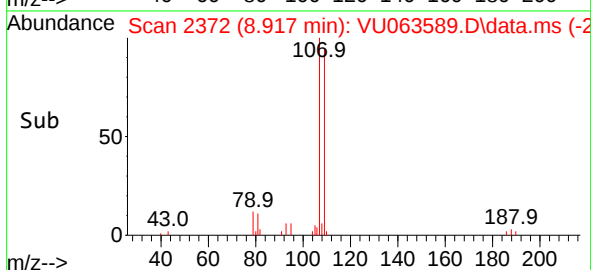
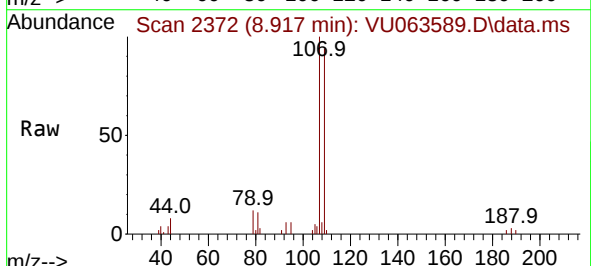


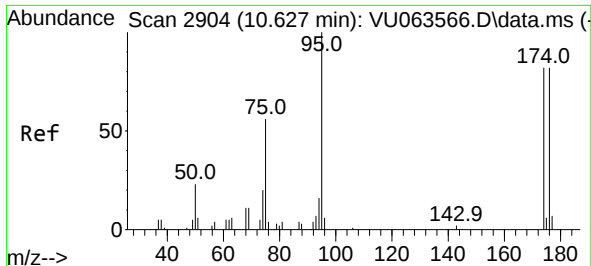
Tgt Ion:129 Resp: 13506
Ion Ratio Lower Upper
129 100
127 78.9 61.9 92.9



#56
1,2-Dibromoethane
Concen: 2.011 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:107 Resp: 13397
Ion Ratio Lower Upper
107 100
109 95.9 0.0 183.6

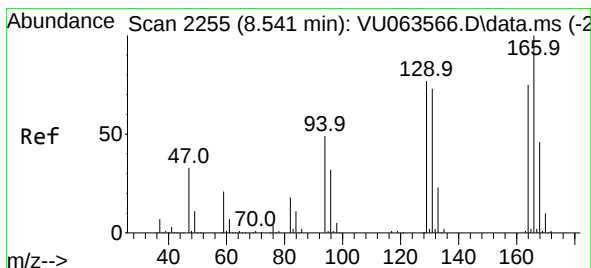
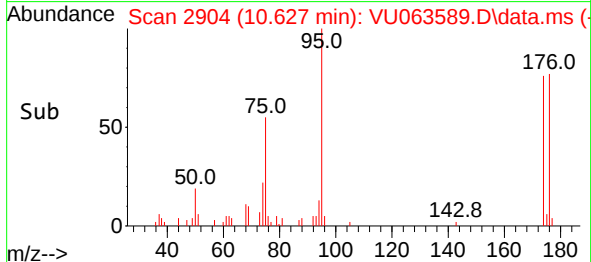
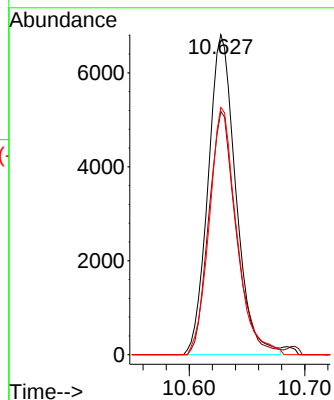
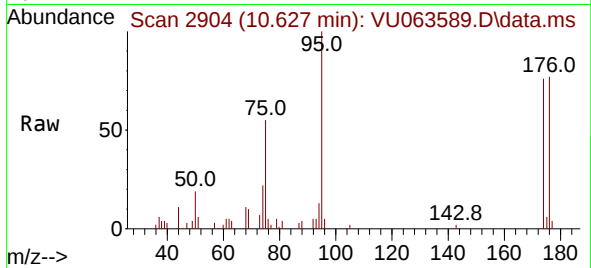




#57
4-Bromofluorobenzene
Concen: 0.927 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

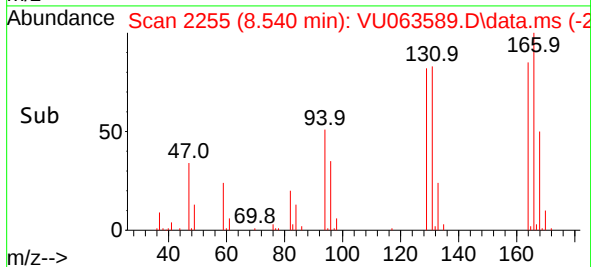
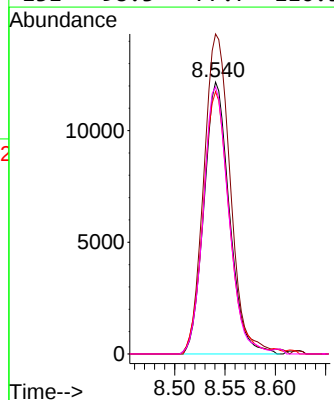
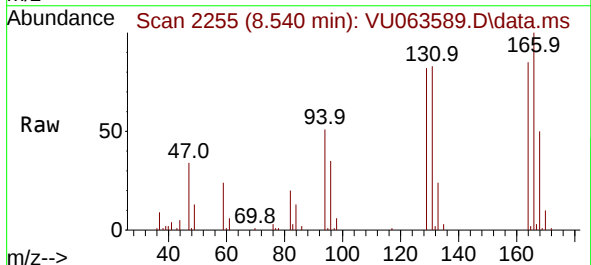
Instrument :
MSVOA_U
ClientSampleId :

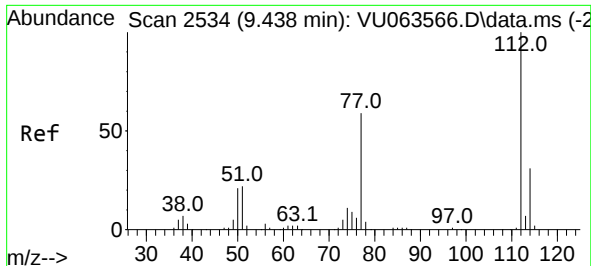
Tgt Ion: 95 Resp: 11337
Ion Ratio Lower Upper
95 100
174 75.9 64.7 97.1
176 76.2 66.2 99.4



#58
Tetrachloroethene
Concen: 2.031 ug/l
RT: 8.540 min Scan# 2255
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:164 Resp: 21381
Ion Ratio Lower Upper
164 100
166 117.7 106.4 159.6
129 96.5 81.4 122.2
131 98.3 77.7 116.5





#59

Chlorobenzene

Concen: 2.006 ug/l

RT: 9.441 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

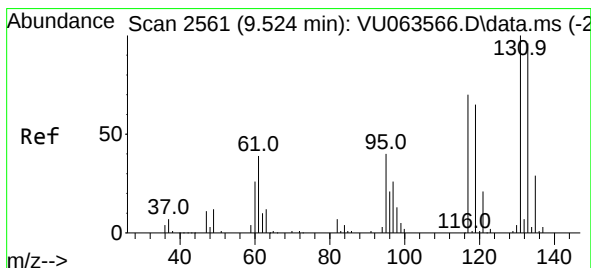
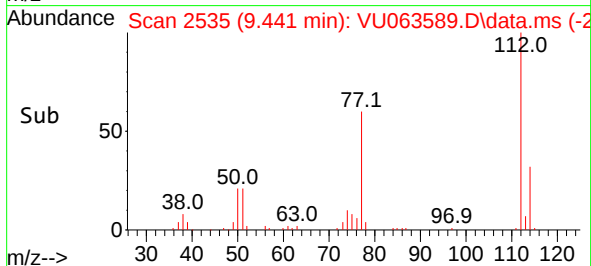
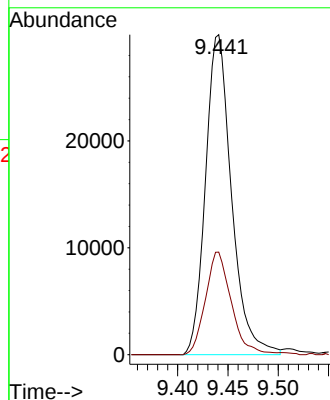
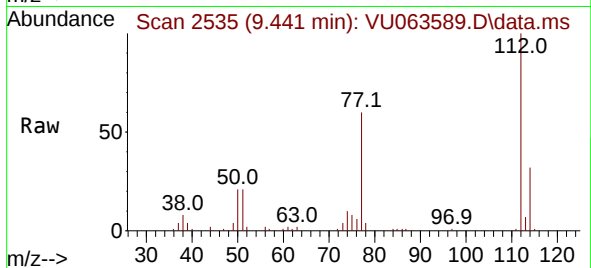
ClientSampleId :

Tgt Ion:112 Resp: 53889

Ion Ratio Lower Upper

112 100

114 32.0 25.0 37.4



#60

1,1,1,2-Tetrachloroethane

Concen: 1.921 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

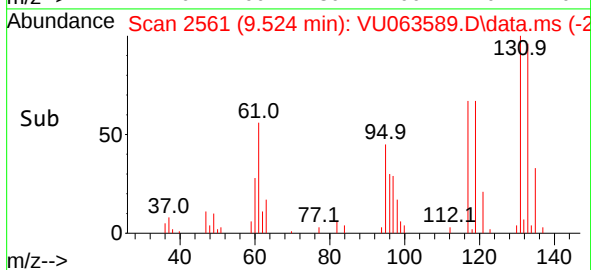
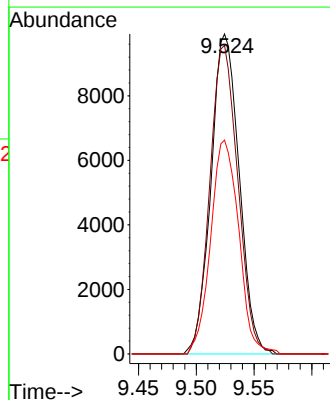
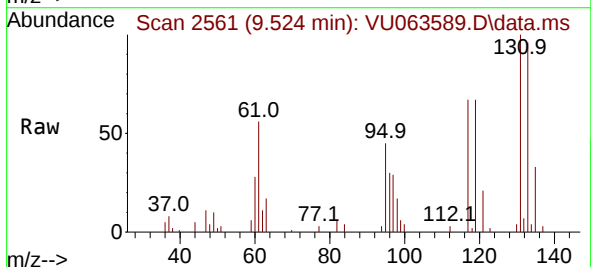
Tgt Ion:131 Resp: 16854

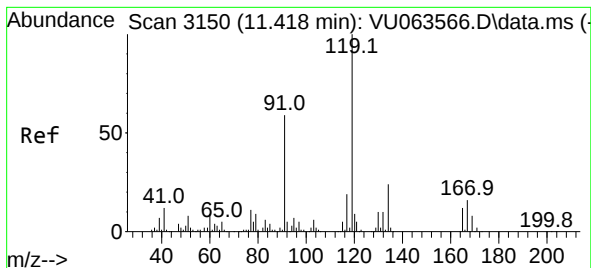
Ion Ratio Lower Upper

131 100

133 95.5 75.8 113.8

119 66.4 51.8 77.6





#61

Pentachloroethane

Concen: 2.016 ug/l

RT: 11.418 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

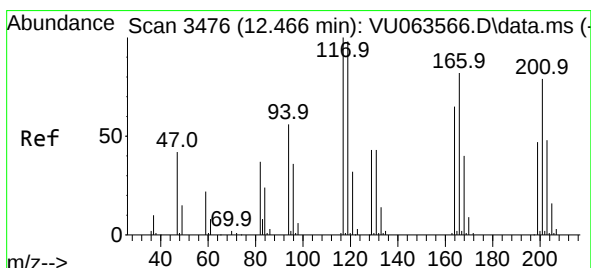
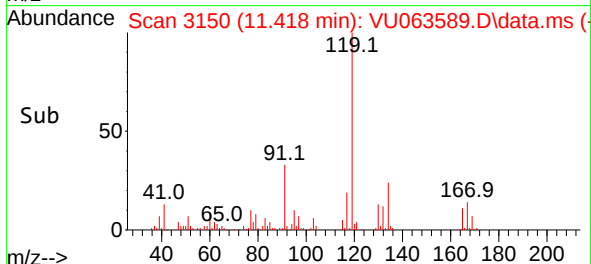
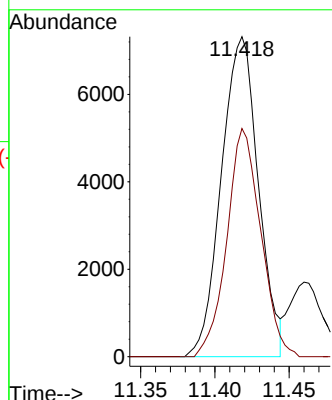
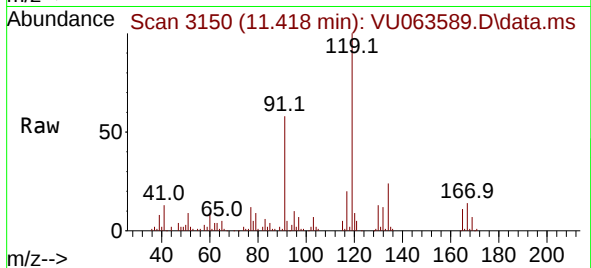
ClientSampleId :

Tgt Ion:117 Resp: 12681

Ion Ratio Lower Upper

117 100

167 65.3 62.6 93.8



#62

Hexachloroethane

Concen: 1.852 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. -0.003 min

Lab File: VU063589.D

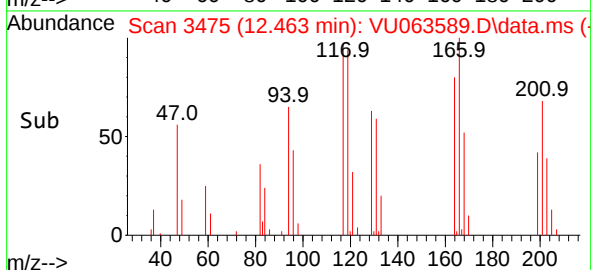
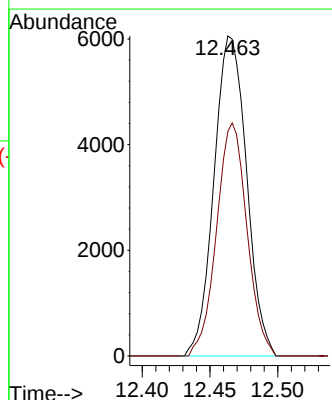
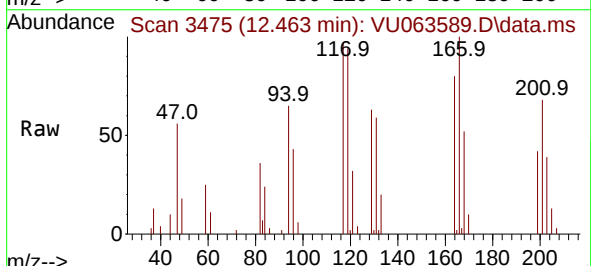
Acq: 16 Sep 2025 11:56

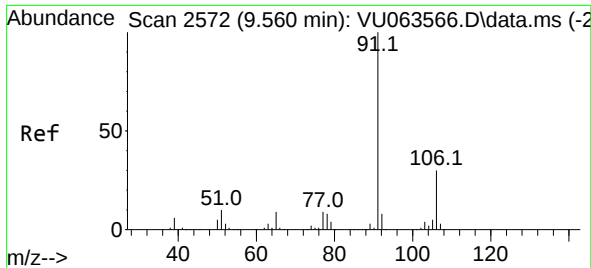
Tgt Ion:117 Resp: 10129

Ion Ratio Lower Upper

117 100

201 67.9 61.0 91.6

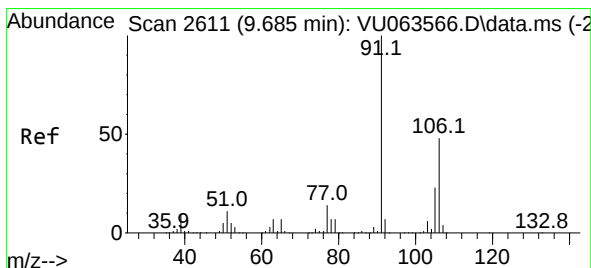
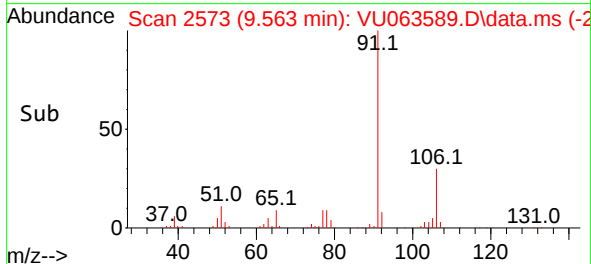
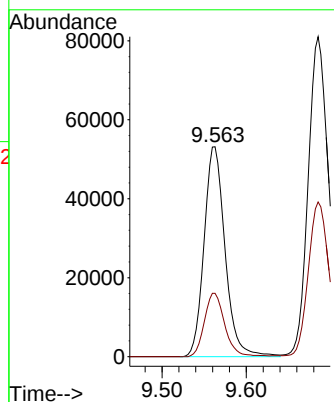
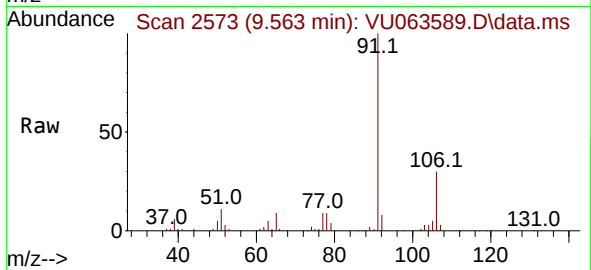




#63
Ethyl Benzene
Concen: 2.014 ug/l
RT: 9.563 min Scan# 2572
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

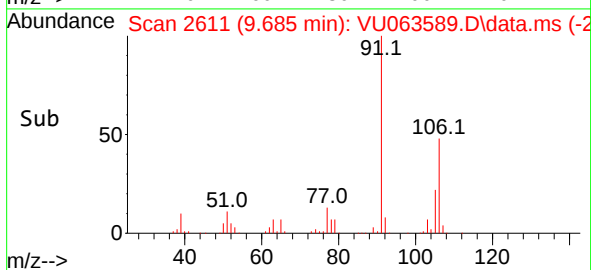
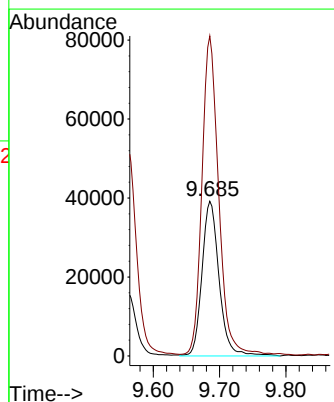
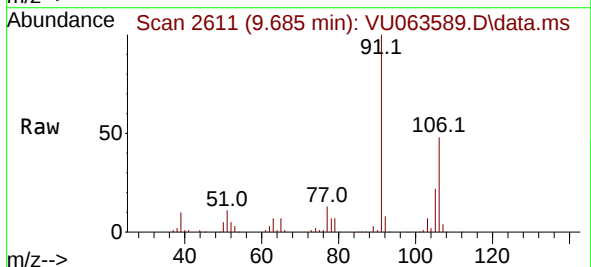
Instrument :
MSVOA_U
ClientSampleId :

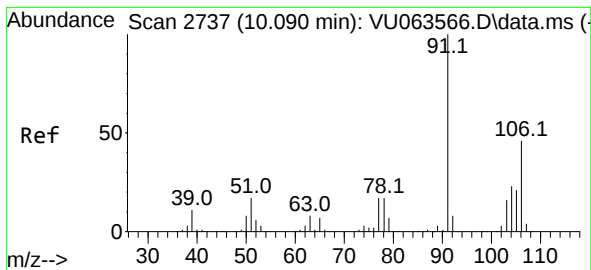
Tgt Ion: 91 Resp: 92388
Ion Ratio Lower Upper
91 100
106 30.2 23.8 35.8



#64
m/p-Xylenes
Concen: 3.994 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion: 106 Resp: 70403
Ion Ratio Lower Upper
106 100
91 200.1 167.0 250.4

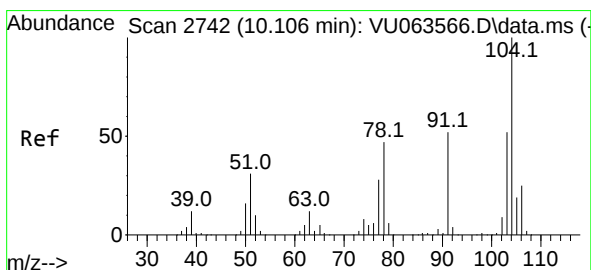
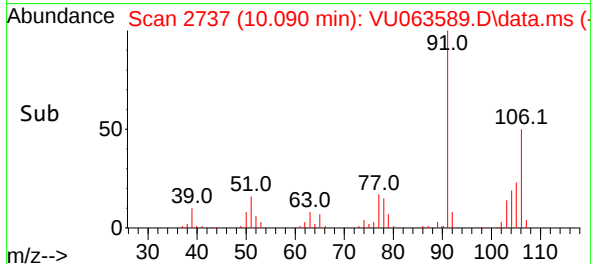
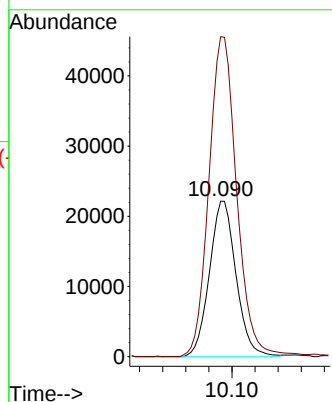
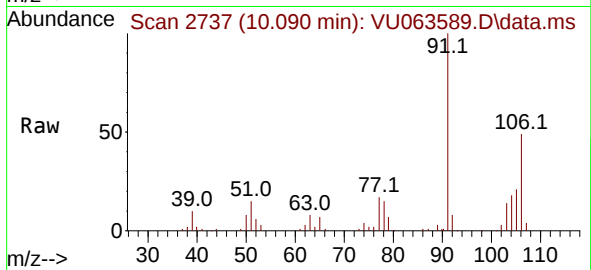




#65
o-Xylene
Concen: 2.008 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

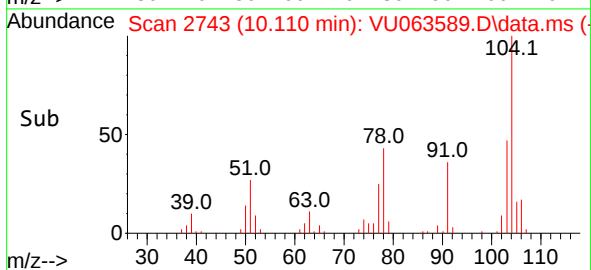
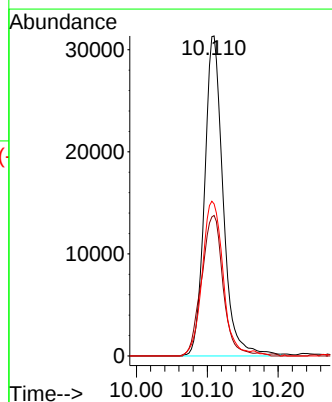
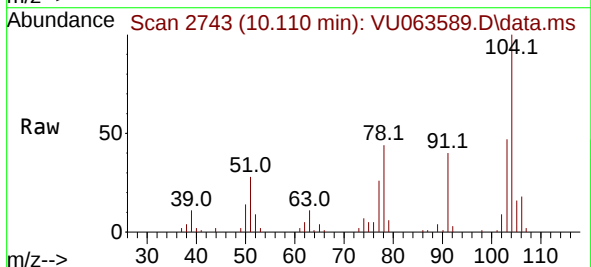
Instrument :
MSVOA_U
ClientSampleId :

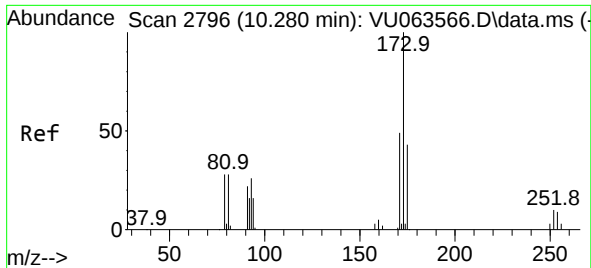
Tgt Ion:106 Resp: 35419
Ion Ratio Lower Upper
106 100
91 215.6 108.7 326.1



#66
Styrene
Concen: 2.025 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:104 Resp: 57042
Ion Ratio Lower Upper
104 100
78 50.9 41.2 61.8
103 54.1 44.2 66.2

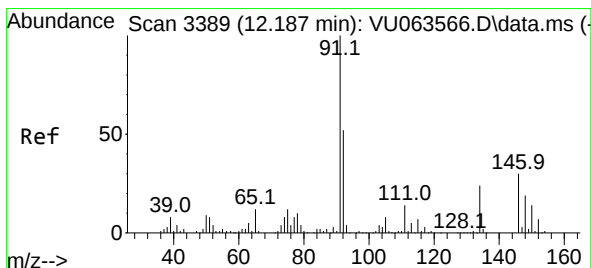
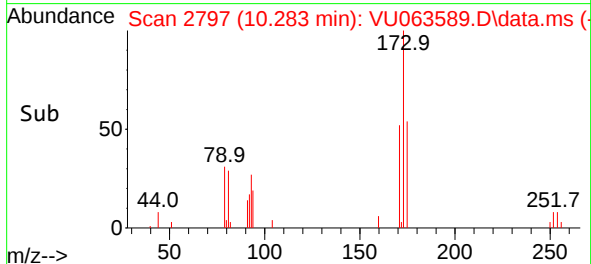
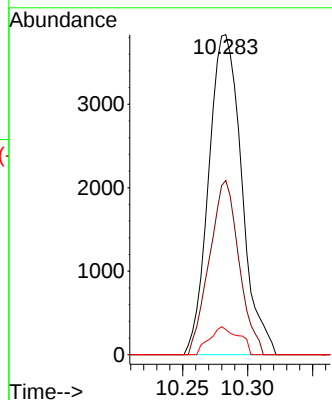
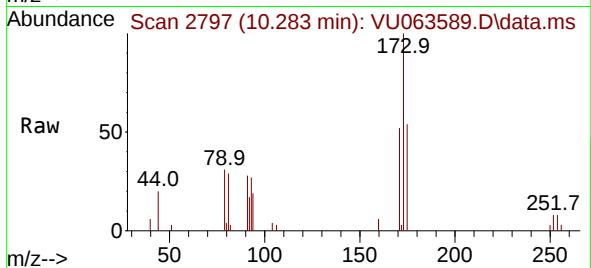




#67
Bromoform
Concen: 1.813 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

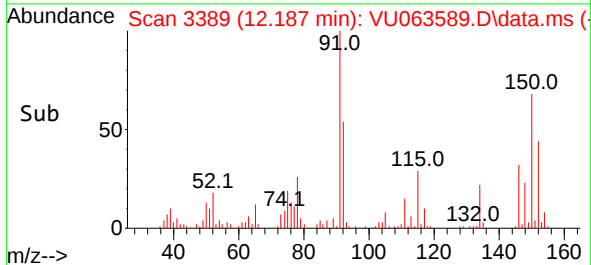
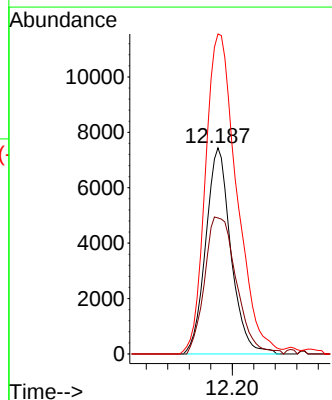
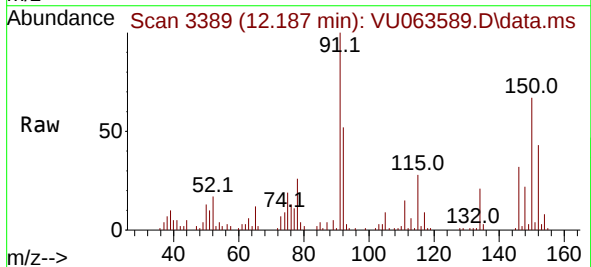
Instrument :
MSVOA_U
ClientSampleId :

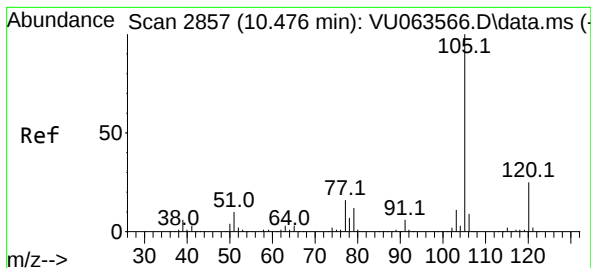
Tgt Ion:173 Resp: 6760
Ion Ratio Lower Upper
173 100
175 48.9 37.0 55.6
254 7.8 7.1 10.7



#68
1,2-Dichlorobenzene-d4
Concen: 0.967 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:152 Resp: 12056
Ion Ratio Lower Upper
152 100
115 83.7 0.0 260.6
150 194.0 0.0 661.8





#69

Isopropylbenzene

Concen: 1.960 ug/l

RT: 10.476 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

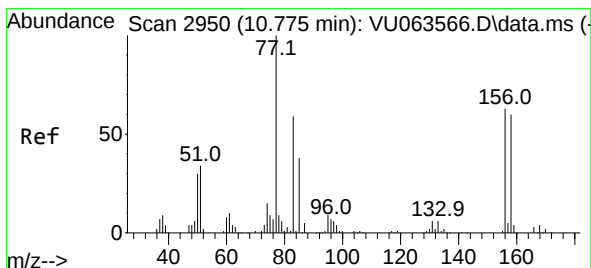
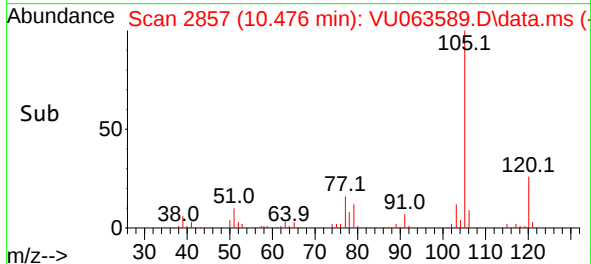
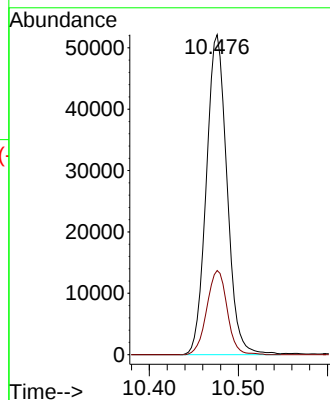
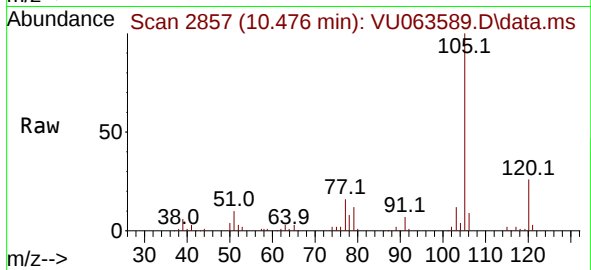
ClientSampleId :

Tgt Ion:105 Resp: 83937

Ion Ratio Lower Upper

105 100

120 25.9 12.7 38.0



#70

1,1,2,2-Tetrachloroethane

Concen: 2.113 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

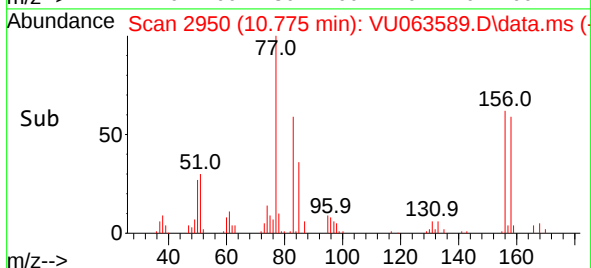
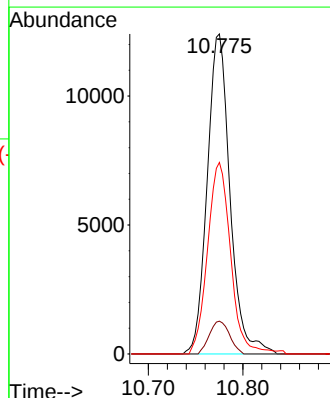
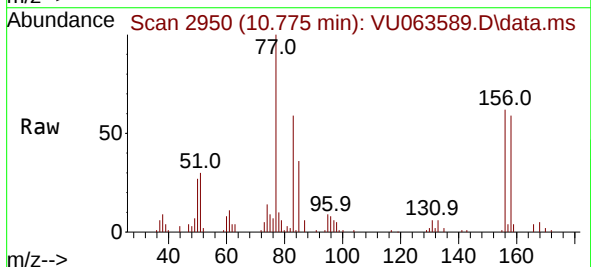
Tgt Ion: 83 Resp: 20776

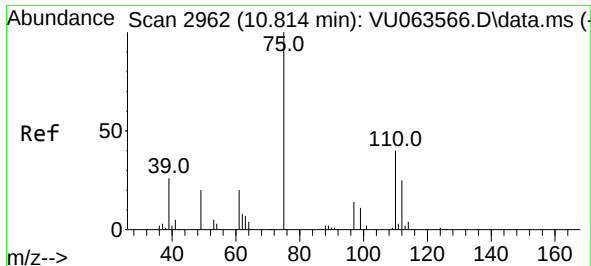
Ion Ratio Lower Upper

83 100

131 9.1 7.7 11.5

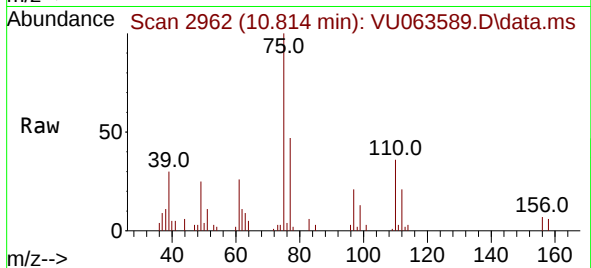
85 60.9 52.2 78.4



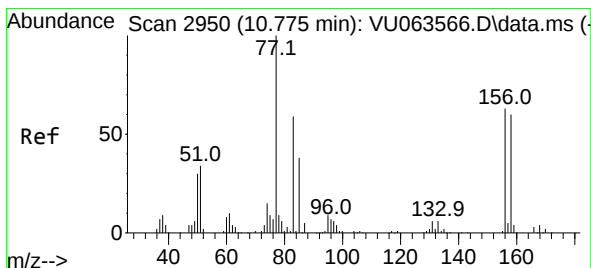
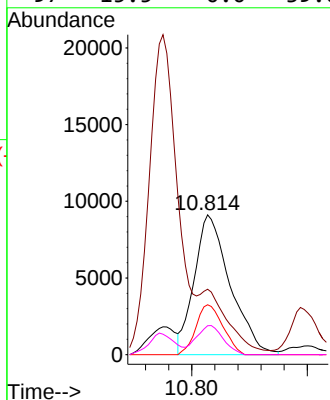
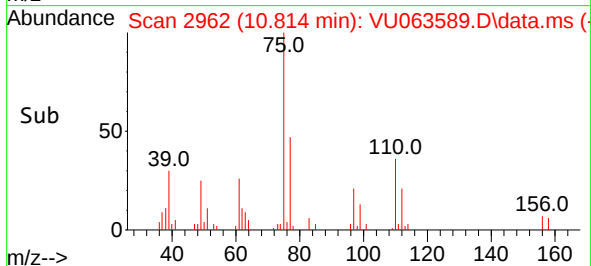


#71
1,2,3-Trichloropropane
Concen: 2.699 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

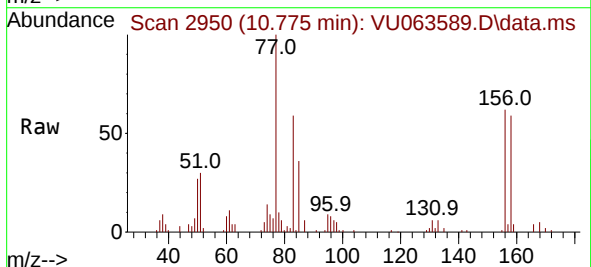
Instrument :
MSVOA_U
ClientSampleId :



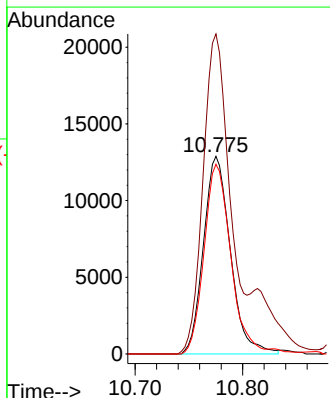
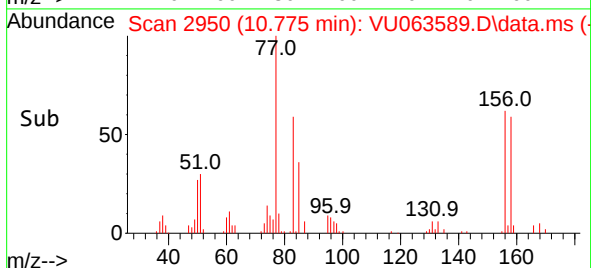
Tgt Ion: 75	Resp: 19673
Ion Ratio	Lower Upper
75 100	
77 0.0	0.0 0.0
110 26.8	0.0 77.6
97 15.5	0.0 39.6

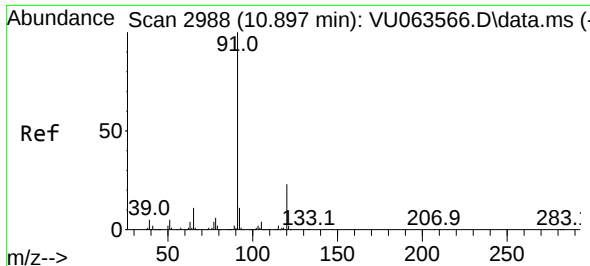


#72
Bromobenzene
Concen: 2.019 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56



Tgt	Ion:156	Resp:	22435
Ion	Ratio	Lower	Upper
156	100		
77	159.1	0.0	323.0
158	94.6	0.0	195.4

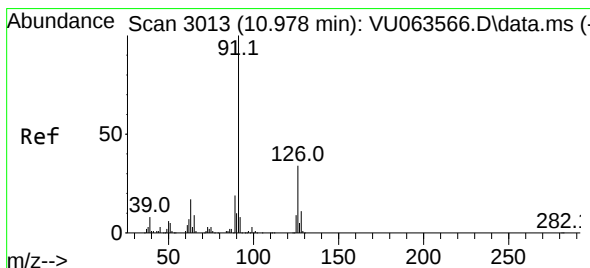
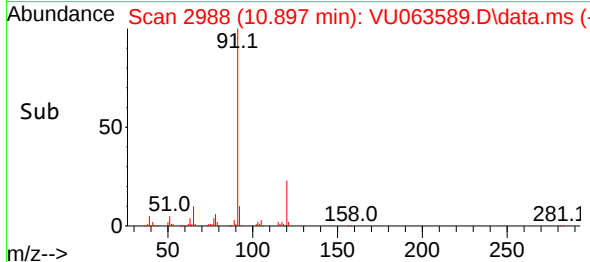
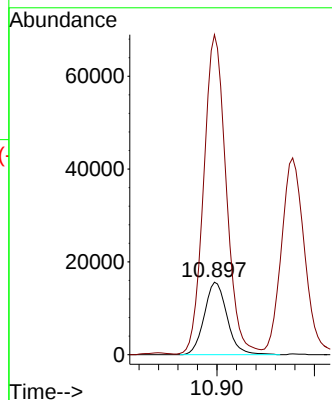
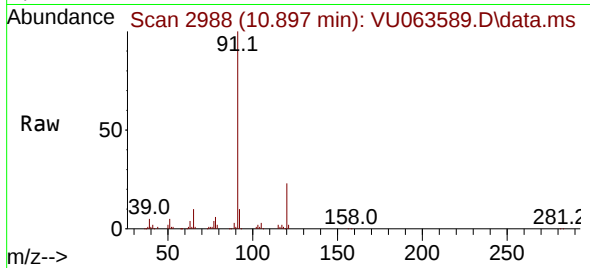




#73
n-propylbenzene
Concen: 2.047 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

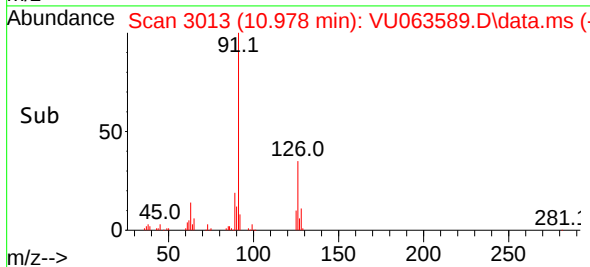
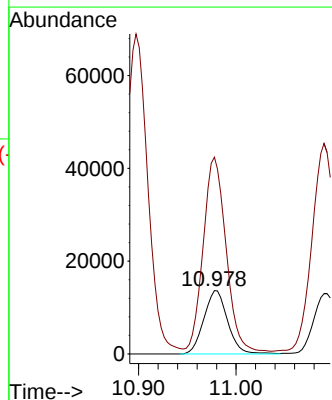
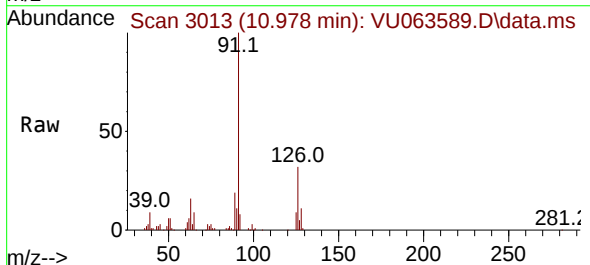
Instrument :
MSVOA_U
ClientSampleId :

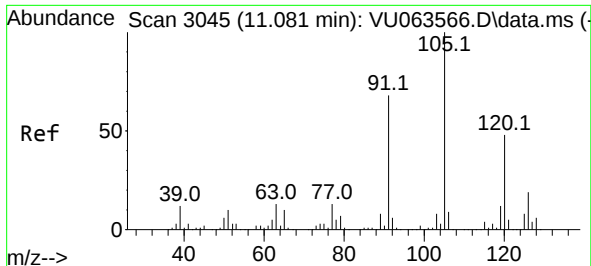
Tgt Ion:120 Resp: 25338
Ion Ratio Lower Upper
120 100
91 435.0 349.1 523.7



#74
2-Chlorotoluene
Concen: 2.068 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:126 Resp: 23151
Ion Ratio Lower Upper
126 100
91 299.3 0.0 609.4

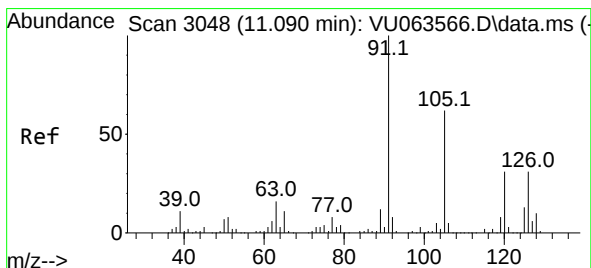
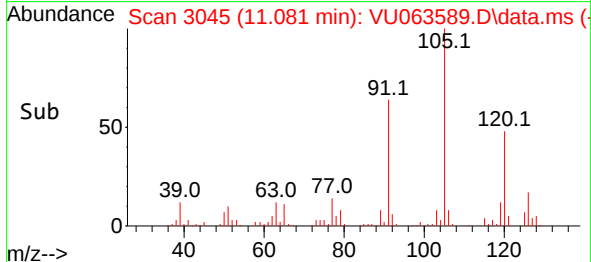
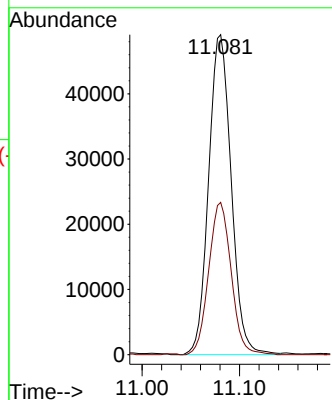
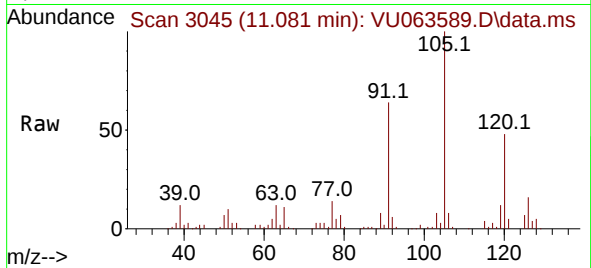




#75
1,3,5-Trimethylbenzene
Concen: 1.971 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

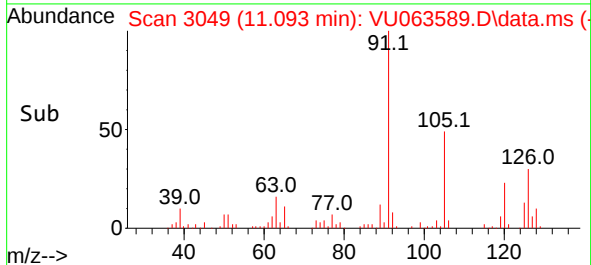
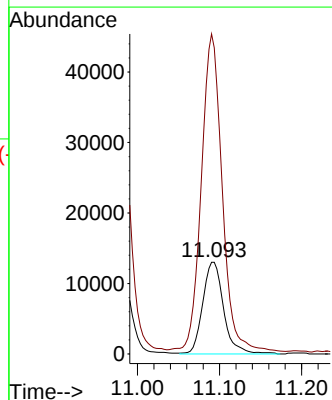
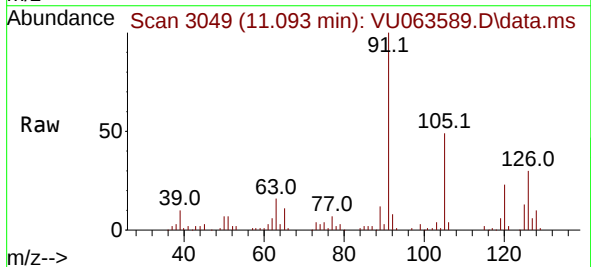
Instrument :
MSVOA_U
ClientSampleId :

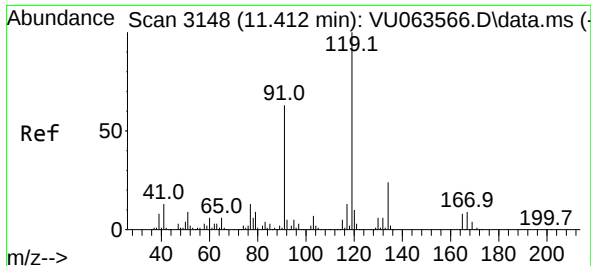
Tgt Ion:105 Resp: 78951
Ion Ratio Lower Upper
105 100
120 47.4 38.0 57.0



#76
4-Chlorotoluene
Concen: 1.971 ug/l
RT: 11.093 min Scan# 3049
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Tgt Ion:126 Resp: 23106
Ion Ratio Lower Upper
126 100
91 345.5 0.0 679.4

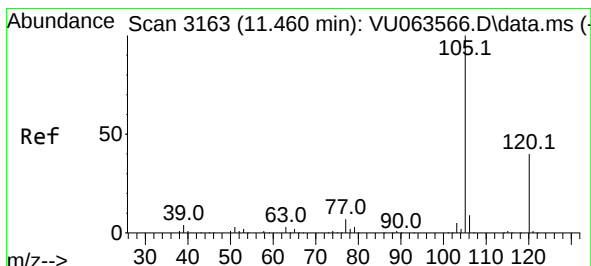
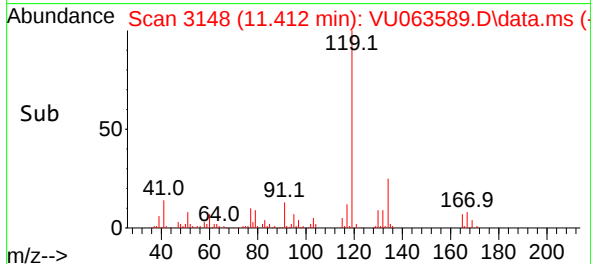
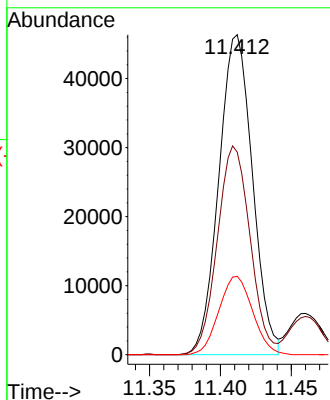
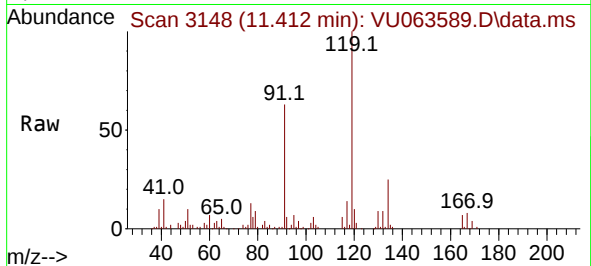




#77
tert-Butylbenzene
Concen: 1.979 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

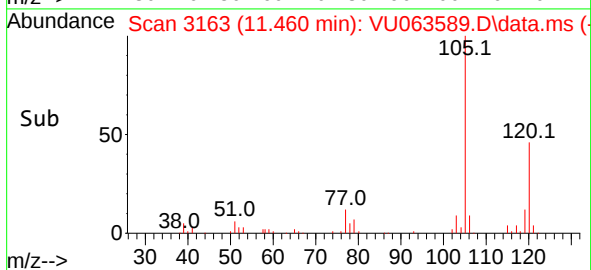
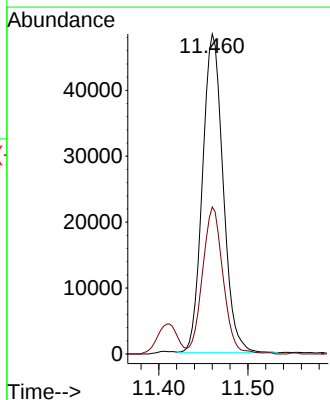
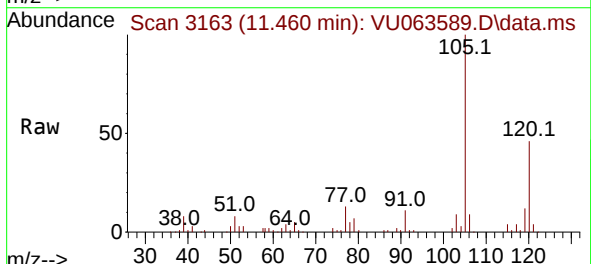
Instrument :
MSVOA_U
ClientSampleId :

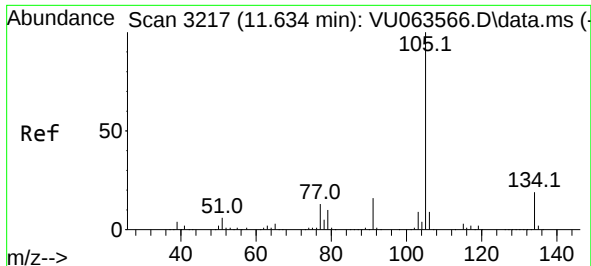
Tgt Ion	Ratio	Lower	Upper
119	100		
91	63.9	31.0	93.0
134	24.5	19.0	28.6



#78
1,2,4-Trimethylbenzene
Concen: 1.995 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

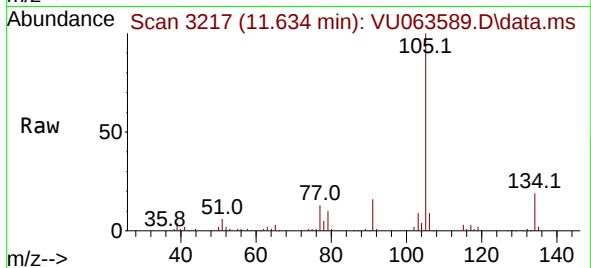
Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.4	67.3



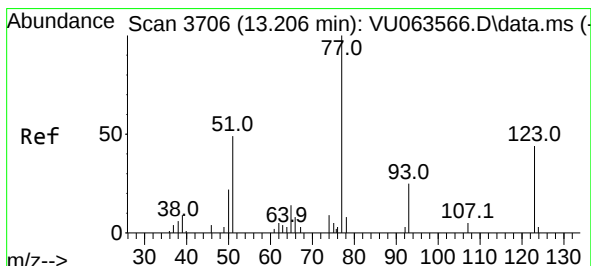
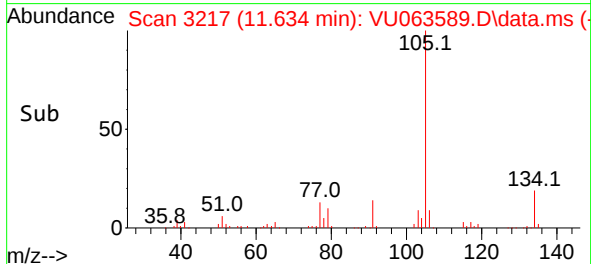
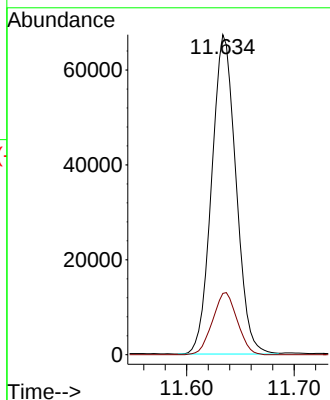


#79
 sec-Butylbenzene
 Concen: 2.011 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

Instrument :
 MSVOA_U
 ClientSampleId :

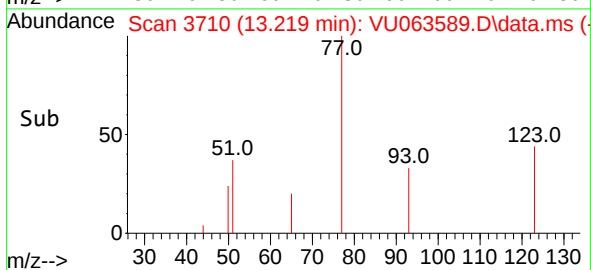
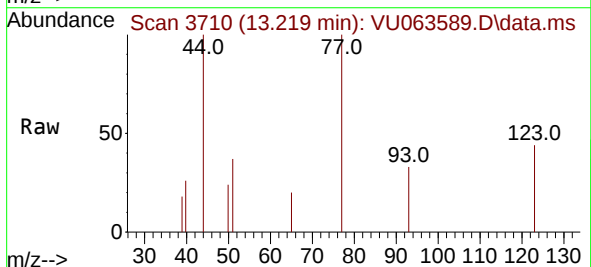
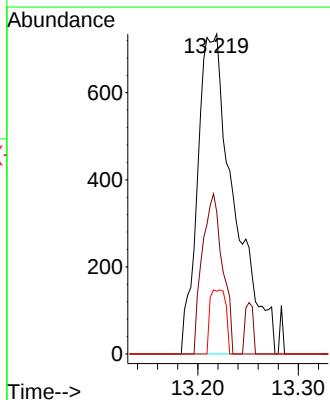


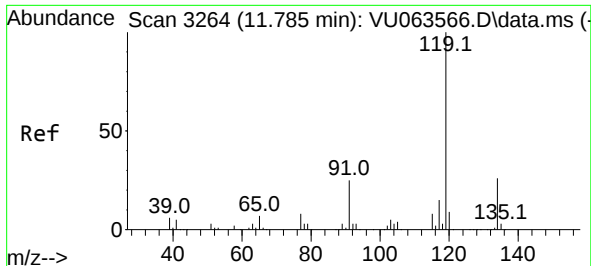
Tgt Ion:105 Resp: 105466
 Ion Ratio Lower Upper
 105 100
 134 19.8 15.6 23.4



#80
 Nitrobenzene
 Concen: 12.620 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.013 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

Tgt Ion: 77 Resp: 1862
 Ion Ratio Lower Upper
 77 100
 123 27.6 18.0 63.6
 65 8.5 12.8 16.4#

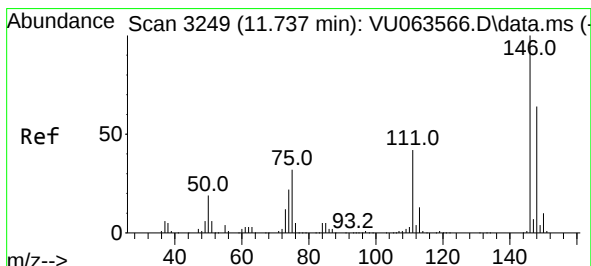
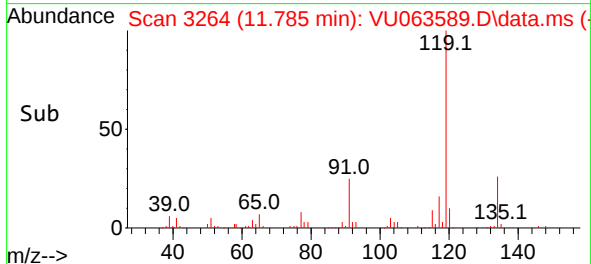
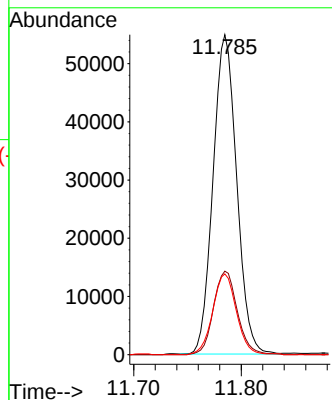
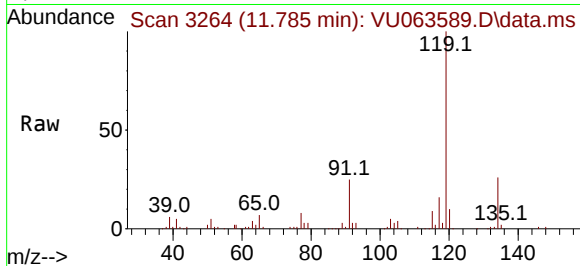




#81
 p-Isopropyltoluene
 Concen: 1.984 ug/l
 RT: 11.785 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

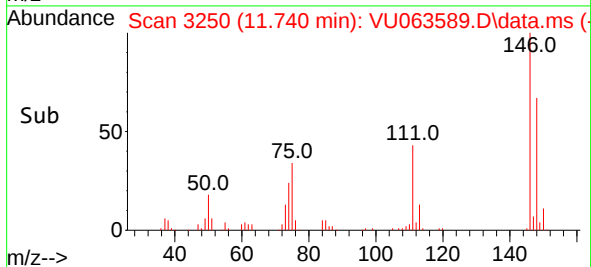
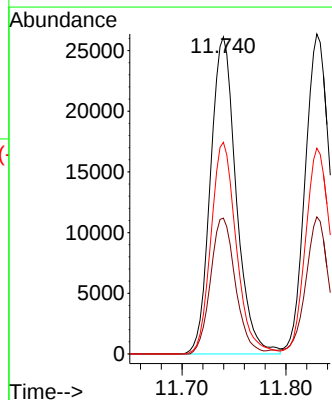
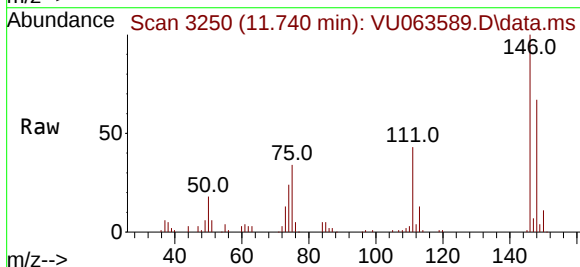
Instrument :
 MSVOA_U
 ClientSampleId :

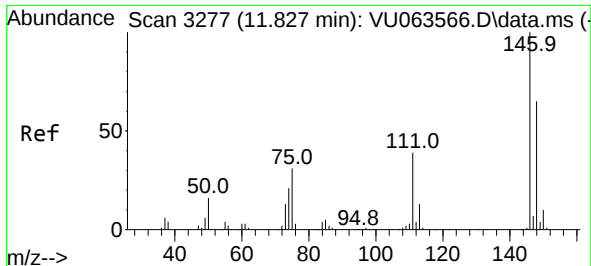
Tgt Ion:	119	Resp:	83749
Ion	Ratio	Lower	Upper
119	100		
134	26.5	20.6	30.8
91	25.3	19.8	29.6



#82
 1,3-Dichlorobenzene
 Concen: 2.012 ug/l
 RT: 11.740 min Scan# 3250
 Delta R.T. 0.003 min
 Lab File: VU063589.D
 Acq: 16 Sep 2025 11:56

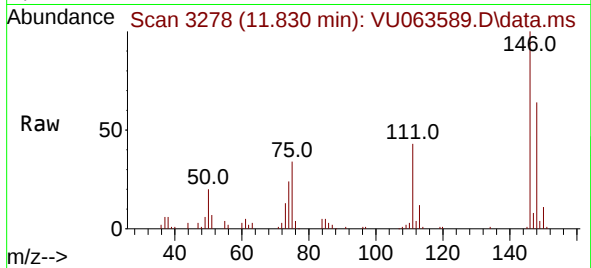
Tgt Ion:	146	Resp:	44986
Ion	Ratio	Lower	Upper
146	100		
111	41.3	32.7	49.1
148	65.7	50.4	75.6



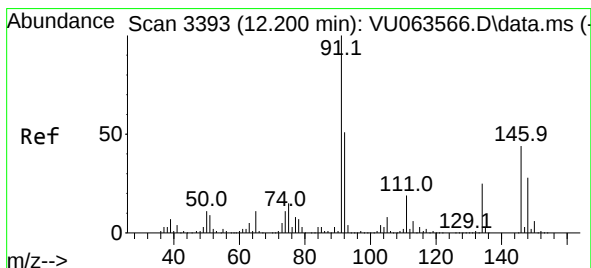
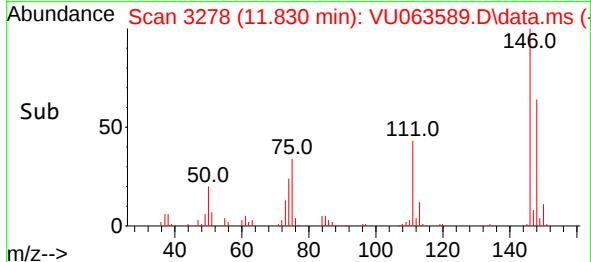
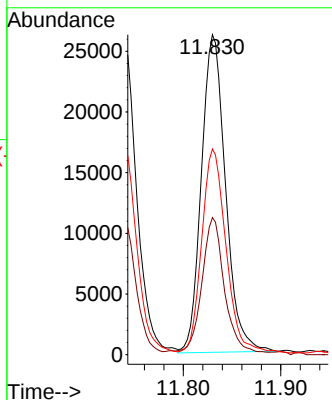


#83
1,4-Dichlorobenzene
Concen: 1.961 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

Instrument :
MSVOA_U
ClientSampleId :

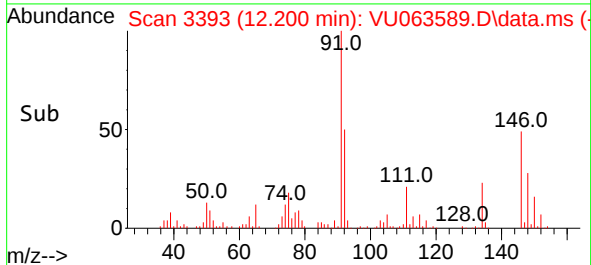
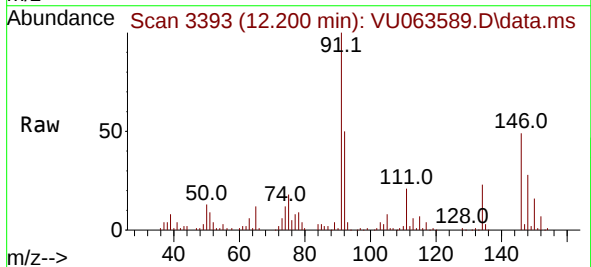
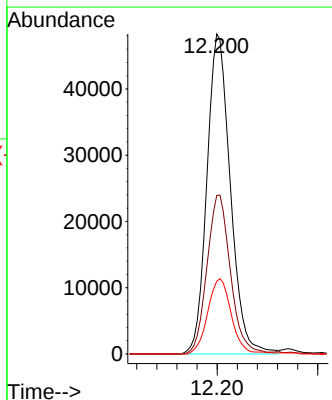


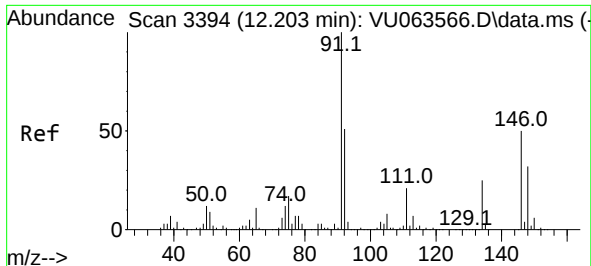
Tgt Ion:146 Resp: 45031
Ion Ratio Lower Upper
146 100
111 39.6 31.6 47.4
148 65.2 51.8 77.8



#84
n-Butylbenzene
Concen: 1.976 ug/l
RT: 12.200 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

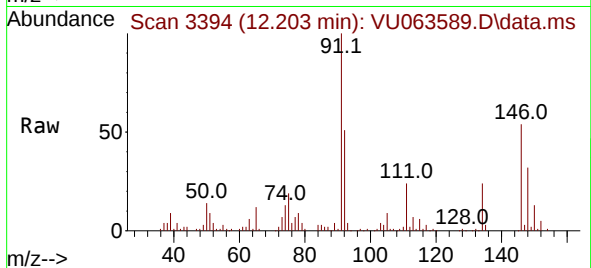
Tgt Ion: 91 Resp: 78152
Ion Ratio Lower Upper
91 100
92 49.7 41.3 61.9
134 23.9 19.9 29.9



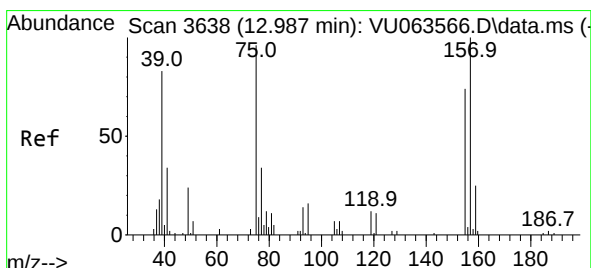
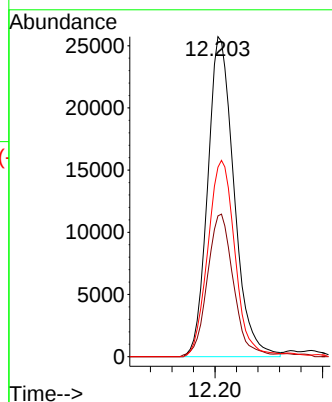
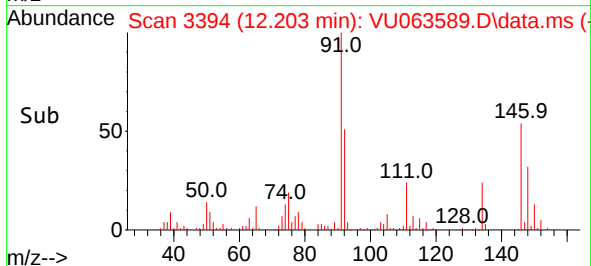


#85
1,2-Dichlorobenzene
Concen: 2.028 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. -0.000 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56

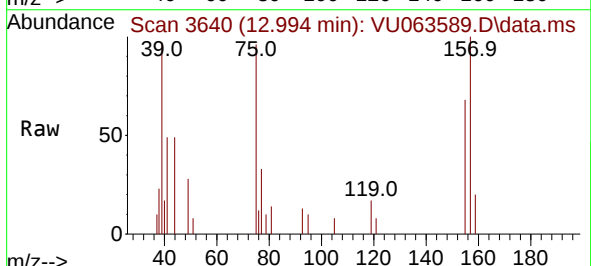
Instrument :
MSVOA_U
ClientSampleId :



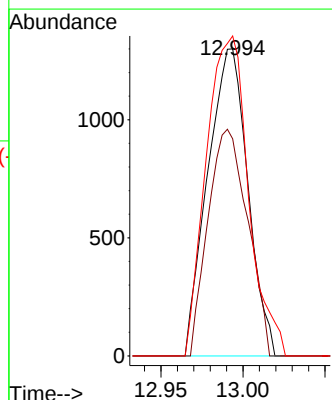
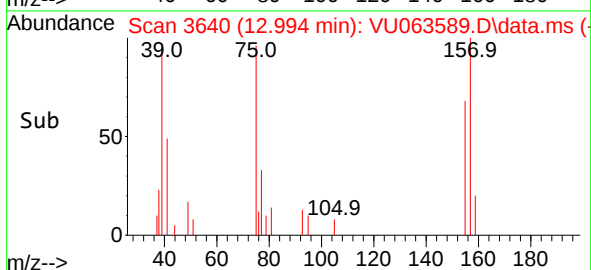
Tgt Ion:146 Resp: 43740
Ion Ratio Lower Upper
146 100
111 44.1 21.0 63.0
148 63.0 31.8 95.3

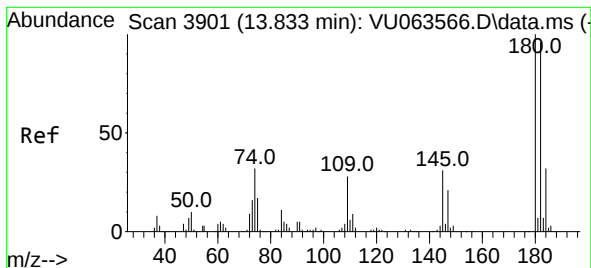


#86
1,2-Dibromo-3-Chloropropane
Concen: 1.741 ug/l
RT: 12.994 min Scan# 3640
Delta R.T. 0.006 min
Lab File: VU063589.D
Acq: 16 Sep 2025 11:56



Tgt Ion: 75 Resp: 2207
Ion Ratio Lower Upper
75 100
155 73.2 64.1 96.1
157 109.8 84.2 126.4





#87

1,2,4-Trichlorobenzene

Concen: 2.009 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063589.D

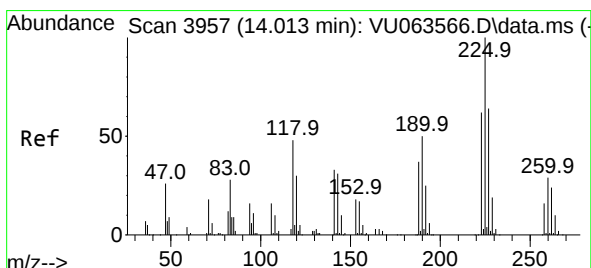
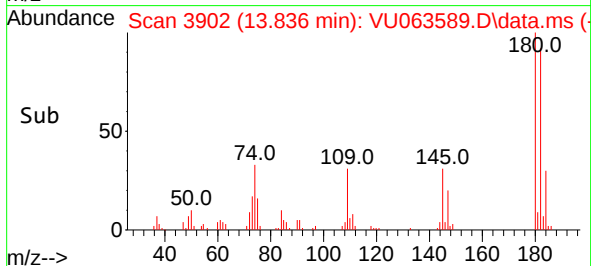
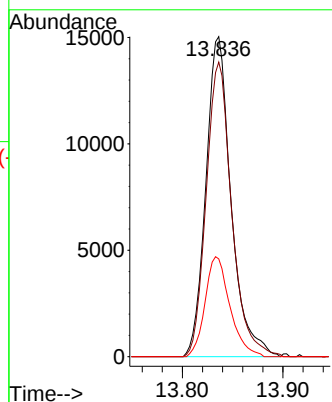
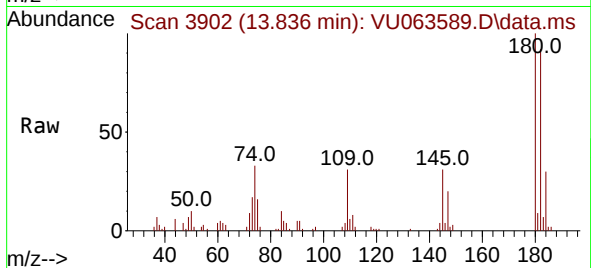
Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	26234
Ion Ratio	Lower	Upper
180	100	
182	92.9	77.1 115.7
145	30.8	25.0 37.4



#88

Hexachlorobutadiene

Concen: 2.023 ug/l

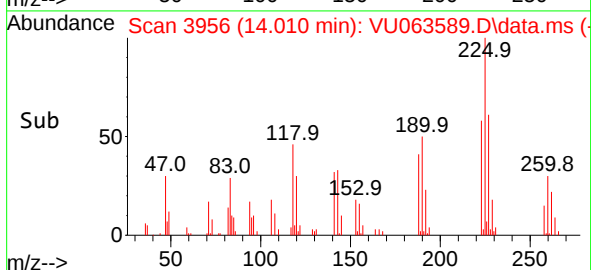
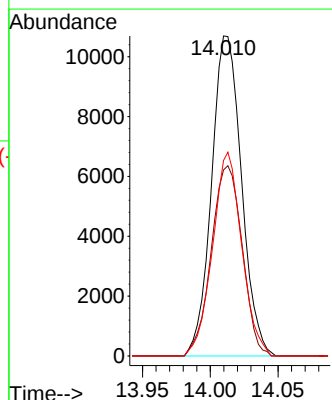
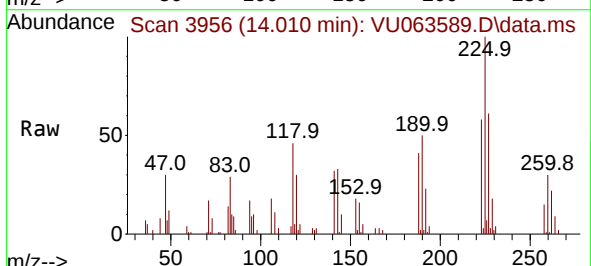
RT: 14.010 min Scan# 3956

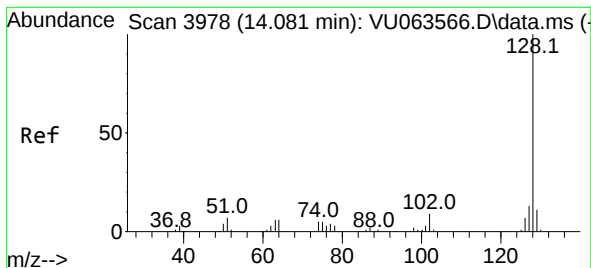
Delta R.T. -0.003 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Tgt Ion:225	Resp:	16440
Ion Ratio	Lower	Upper
225	100	
223	61.3	50.2 75.2
227	62.0	51.6 77.4





#89

Naphthalene

Concen: 1.993 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU063589.D

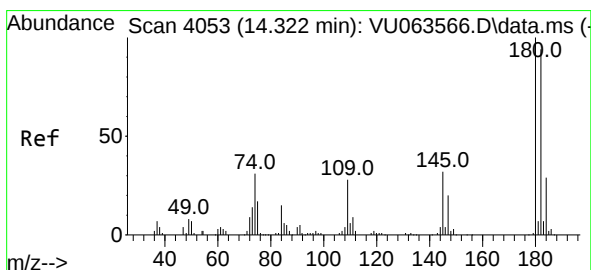
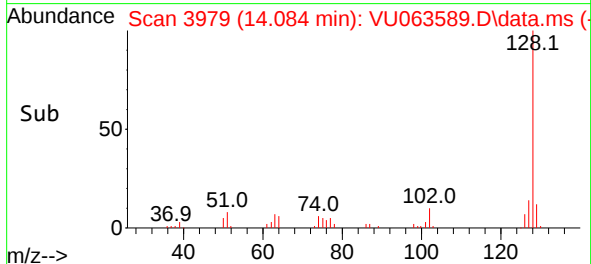
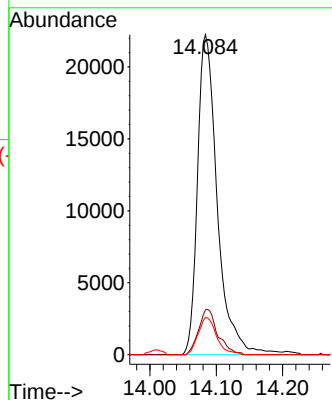
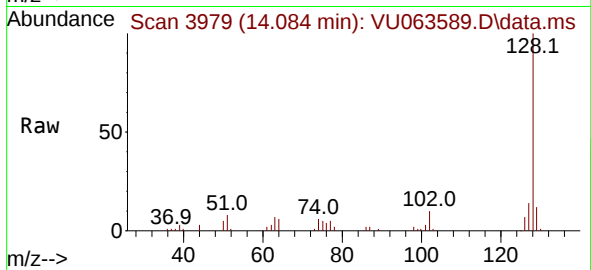
Acq: 16 Sep 2025 11:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:128	Resp:	45997
Ion	Ratio	Lower Upper
128	100	
127	13.7	10.2 15.4
129	10.8	8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.075 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063589.D

Acq: 16 Sep 2025 11:56

Tgt Ion:180	Resp:	25717
Ion	Ratio	Lower Upper
180	100	
182	94.7	76.8 115.2
145	34.1	26.6 40.0

