

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112724\
 Data File : VU062053.D
 Acq On : 27 Nov 2024 13:21
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 28 02:09:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 28 02:06:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	126018	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	116916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60849	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27185	4.398	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	20074	3.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.563	65	12533	5.075	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.628	46	66818	34.423	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.840%
24) Chloroform-d	5.055	84	63539	4.213	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.695	65	31533	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
32) Benzene-d6	5.718	84	113384	4.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
36) 1,2-Dichloropropane-d6	6.682	67	35166	4.543	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.800%
41) Toluene-d8	7.891	98	104035	5.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	8.174	79	14477	5.052	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.000%
46) 2-Hexanone-d5	8.627	63	47057	35.979	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.960%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29687	3.838	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.800%
66) 1,2-Dichlorobenzene-d4	12.184	152	38960	4.330	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	59958	5.438	ug/L	100
3) Chloromethane	1.518	50	50057	4.405	ug/L	99
5) Vinyl chloride	1.602	62	51201	4.385	ug/L	99
6) Bromomethane	1.856	94	31654	4.554	ug/L	98
8) Chloroethane	1.930	64	28435	3.777	ug/L	96
9) Trichlorofluoromethane	2.133	101	82108	5.559	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	46618	5.130	ug/L	94
12) 1,1-Dichloroethene	2.576	96	41189	4.874	ug/L	94
13) Acetone	2.644	43	63324	47.250	ug/L	93
14) Carbon disulfide	2.788	76	124508	4.632	ug/L	100
15) Methyl Acetate	2.956	43	14699	4.271	ug/L	92
16) Methylene chloride	3.039	84	45088	4.443	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	103708	4.788	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	43652	4.886	ug/L	90
19) 1,1-Dichloroethane	3.859	63	82671	4.750	ug/L	98
21) 2-Butanone	4.708	43	99636	46.000	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	49380	4.911	ug/L	95
23) Bromochloromethane	4.965	128	21619	4.947	ug/L	91
25) Chloroform	5.078	83	90051	4.950	ug/L	99

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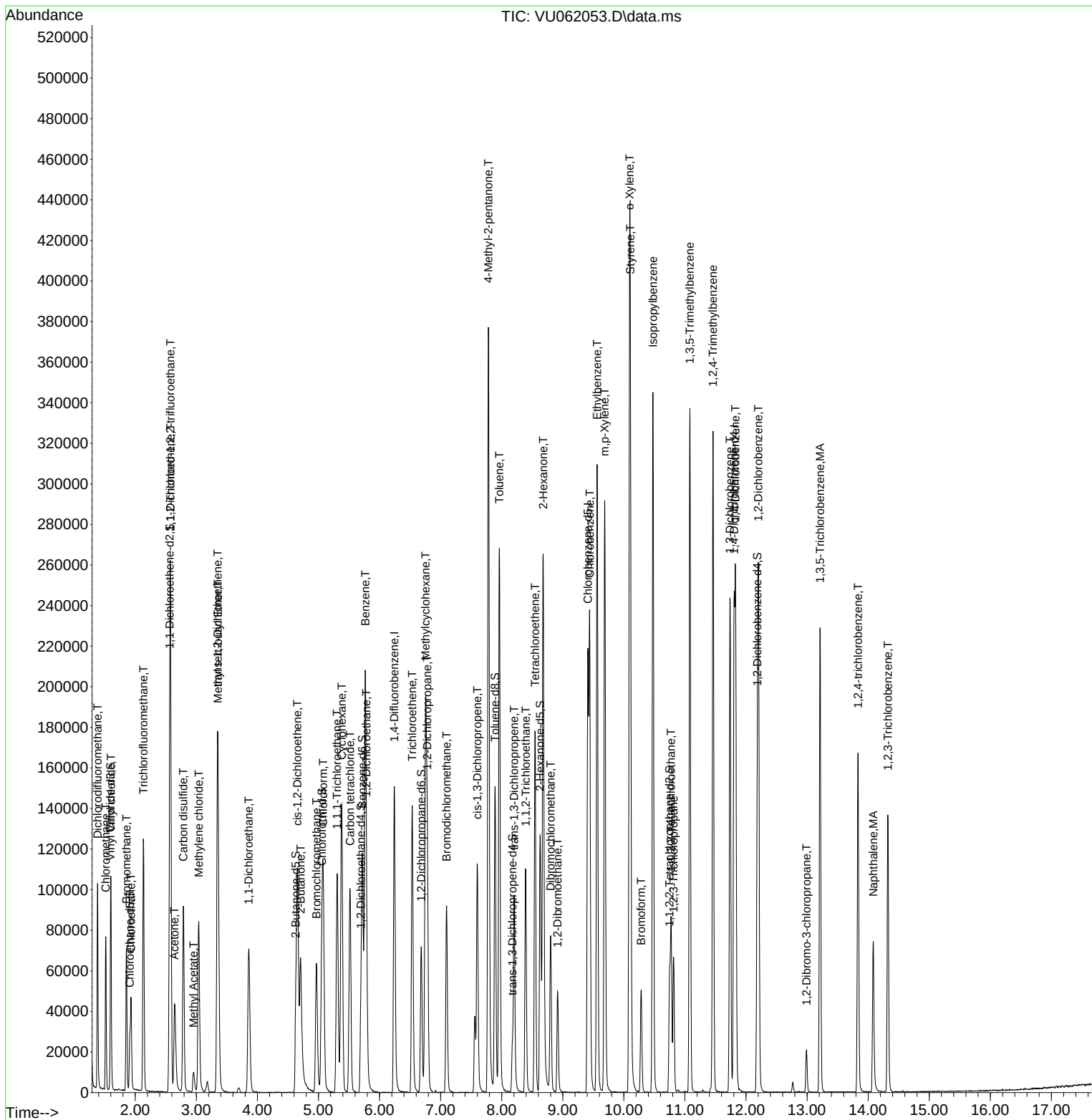
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 MSVOA_U
 ClientSampleId :

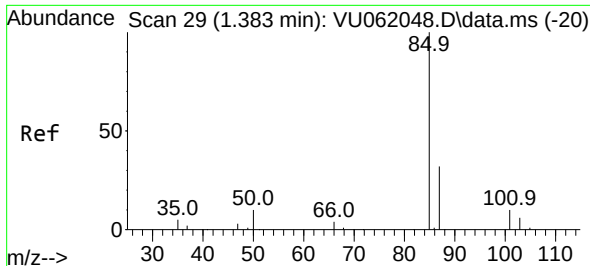
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56674	4.843	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	82780	6.143	ug/L	95
30) Cyclohexane	5.380	56	73417	5.209	ug/L	97
31) Carbon tetrachloride	5.518	117	73942	6.462	ug/L	97
33) Benzene	5.766	78	185827	5.263	ug/L	100
34) Trichloroethene	6.534	95	51410	5.455	ug/L	98
35) Methylcyclohexane	6.753	83	78210	5.426	ug/L	99
37) 1,2-Dichloropropane	6.782	63	48455	5.282	ug/L	99
38) Bromodichloromethane	7.097	83	63629	5.719	ug/L	100
39) cis-1,3-Dichloropropene	7.599	75	71800	5.582	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	237983	48.082	ug/L	94
42) Toluene	7.962	91	204590	5.522	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	59272	5.803	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	34956	5.173	ug/L	97
47) Tetrachloroethene	8.547	164	39462	5.758	ug/L	96
48) 2-Hexanone	8.679	43	168414	45.435	ug/L #	94
49) Dibromochloromethane	8.801	129	41208	5.772	ug/L	96
50) 1,2-Dibromoethane	8.914	107	33381	4.977	ug/L #	99
51) Chlorobenzene	9.441	112	126307	4.977	ug/L	98
52) Ethylbenzene	9.563	91	225298	5.081	ug/L	100
53) m,p-Xylene	9.685	106	82781	5.291	ug/L	95
54) o-Xylene	10.094	106	82364	5.215	ug/L	97
55) Styrene	10.107	104	135970	5.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	42748	4.936	ug/L	96
59) Bromoform	10.283	173	23156	5.119	ug/L	99
60) Isopropylbenzene	10.476	105	224696	4.736	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	29293	4.164	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	188625	4.984	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	183217	4.855	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	98939	4.697	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	98020	4.808	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	91720	5.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6037	5.029	ug/L	90
69) 1,3,5-Trichlorobenzene	13.212	180	70108	5.594	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	50570	5.265	ug/L	96
71) Naphthalene	14.084	128	66958	4.325	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	42209	5.102	ug/L	99

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

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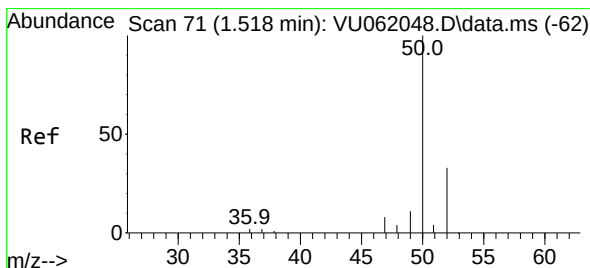
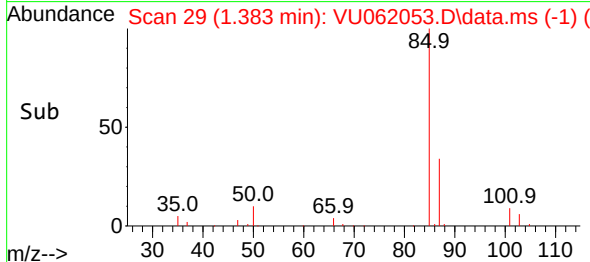
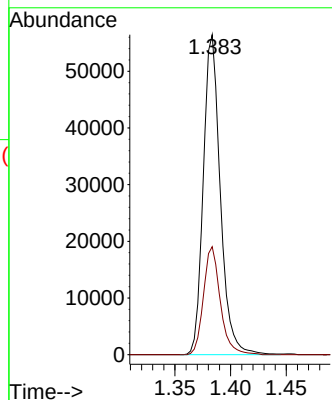
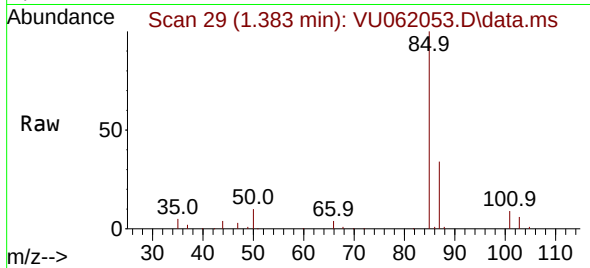




#2
Dichlorodifluoromethane
Concen: 5.438 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062053.D
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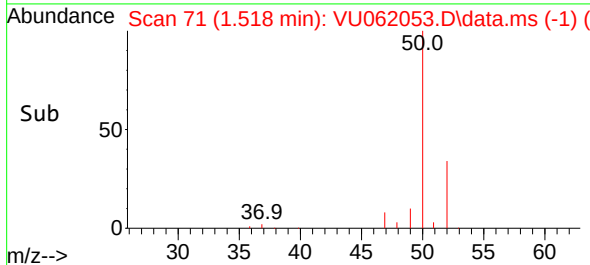
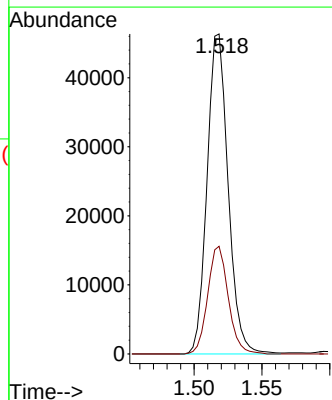
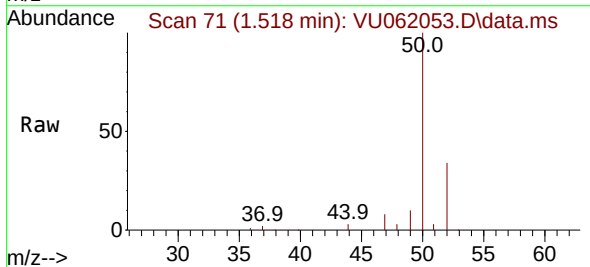
Instrument :
MSVOA_U
ClientSampleId :

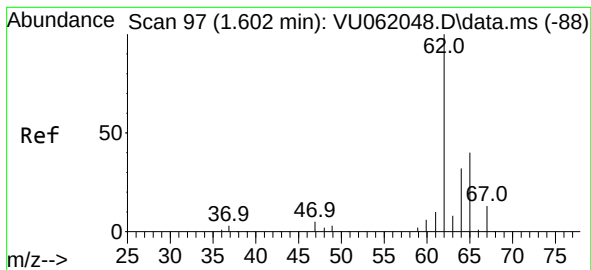
Tgt Ion: 85 Resp: 59958
Ion Ratio Lower Upper
85 100
87 33.4 26.6 40.0



#3
Chloromethane
Concen: 4.405 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 50 Resp: 50057
Ion Ratio Lower Upper
50 100
52 33.7 23.1 42.9





#5

Vinyl chloride

Concen: 4.385 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

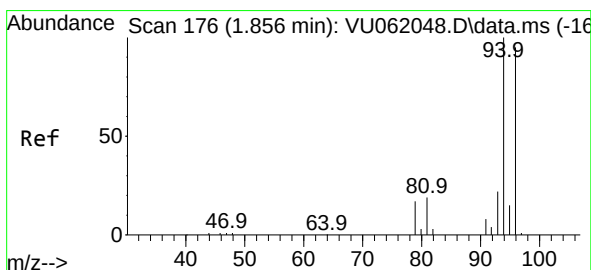
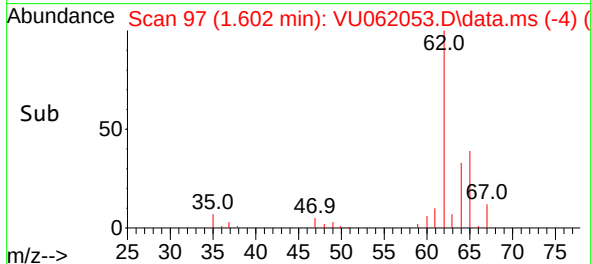
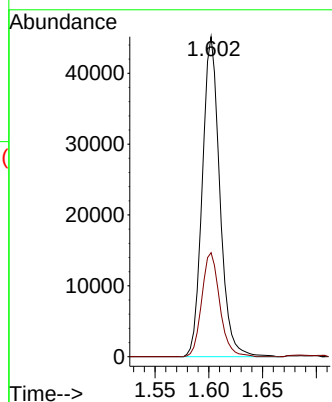
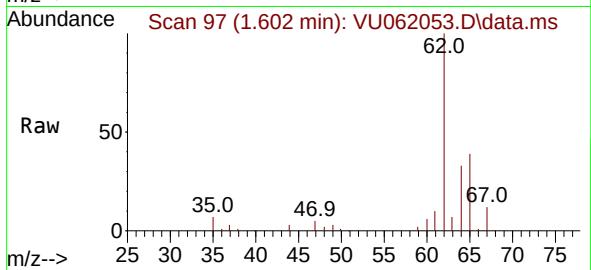
ClientSampleId :

Tgt Ion: 62 Resp: 51201

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 4.554 ug/L

RT: 1.856 min Scan# 176

Delta R.T. 0.003 min

Lab File: VU062053.D

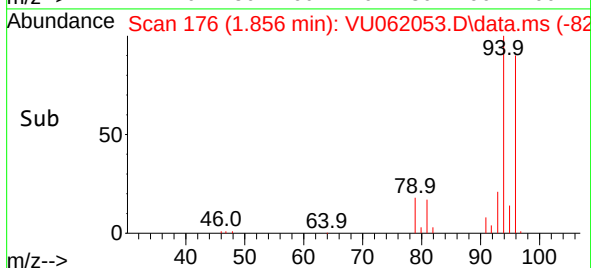
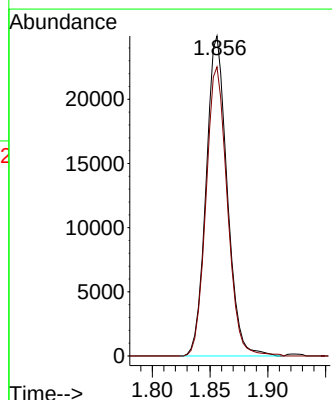
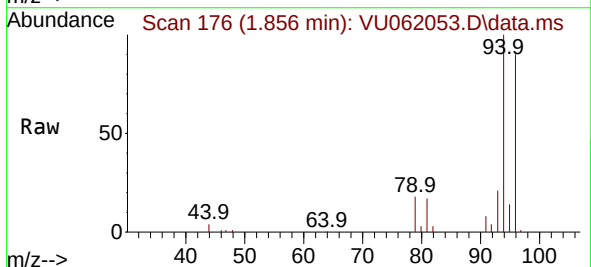
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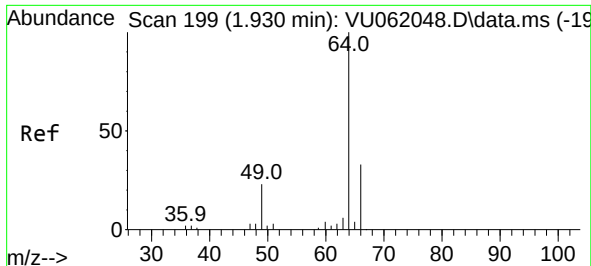
Tgt Ion: 94 Resp: 31654

Ion Ratio Lower Upper

94 100

96 90.4 64.5 119.9

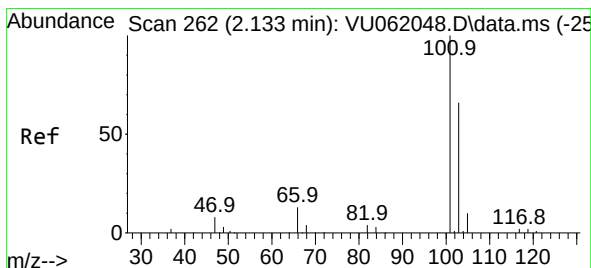
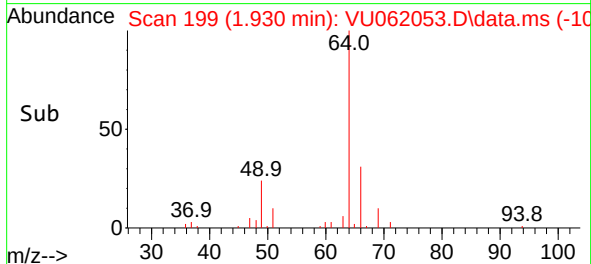
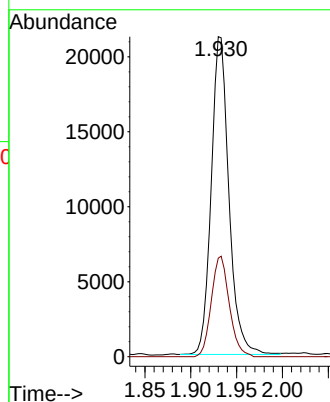
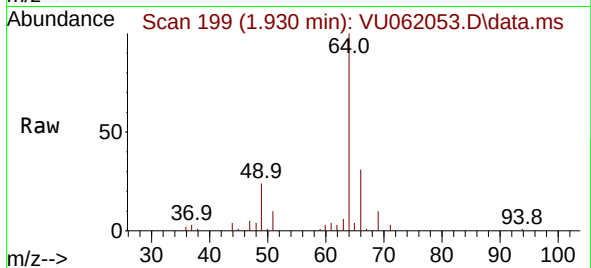




#8
Chloroethane
Concen: 3.777 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

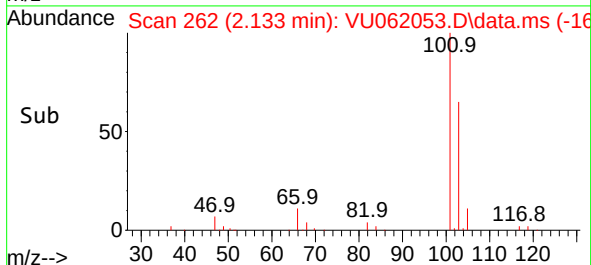
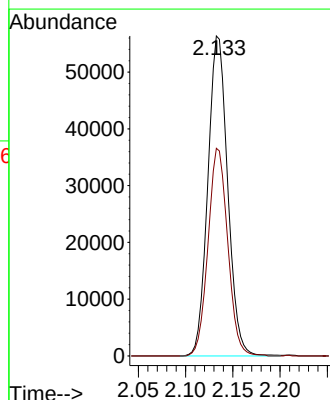
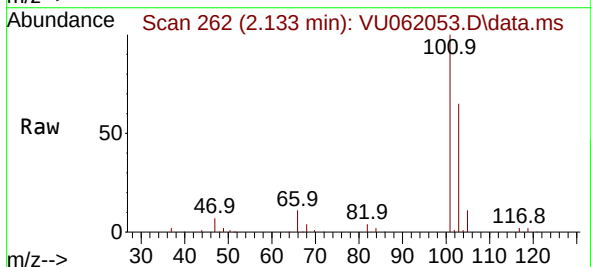
Instrument :
MSVOA_U
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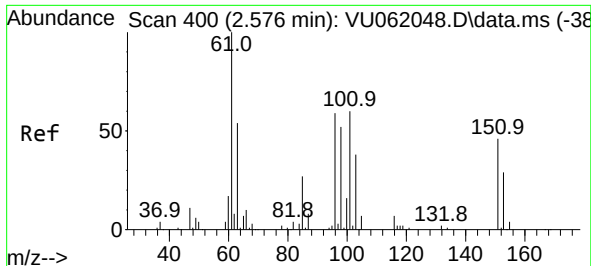
Tgt Ion: 64 Resp: 28435
Ion Ratio Lower Upper
64 100
66 30.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.559 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion:101 Resp: 82108
Ion Ratio Lower Upper
101 100
103 64.5 50.6 75.8

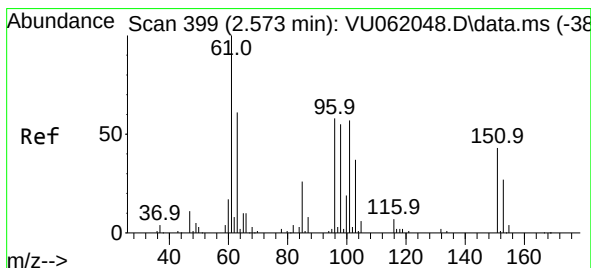
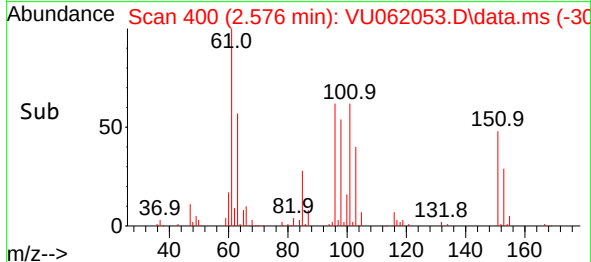
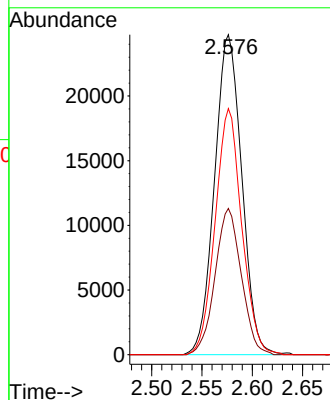
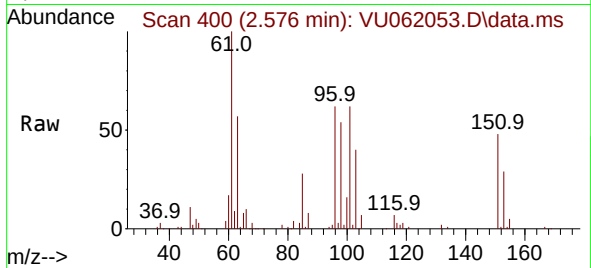




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.130 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

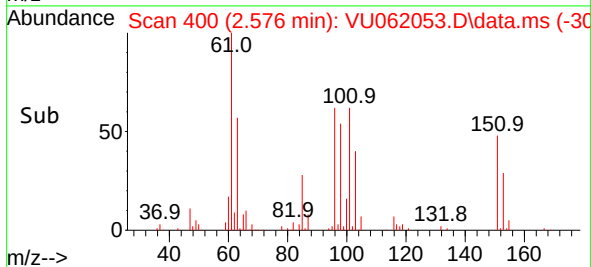
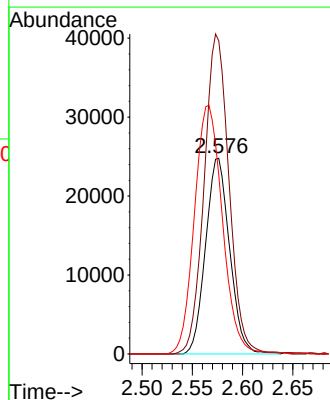
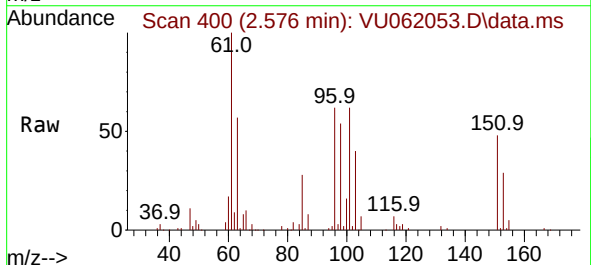
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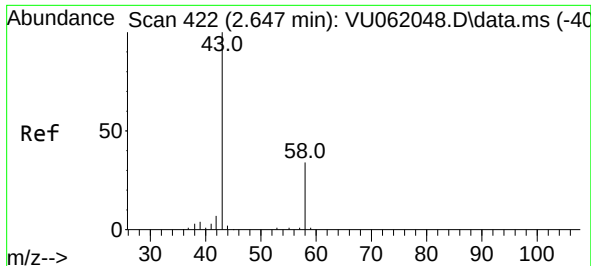
Tgt Ion:101 Resp: 46618
Ion Ratio Lower Upper
101 100
85 44.0 38.0 57.0
151 75.0 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.874 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 96 Resp: 41189
Ion Ratio Lower Upper
96 100
61 160.1 119.6 222.2
63 91.6 65.0 120.6





#13

Acetone

Concen: 47.250 ug/L

RT: 2.644 min Scan# 41

Delta R.T. 0.016 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

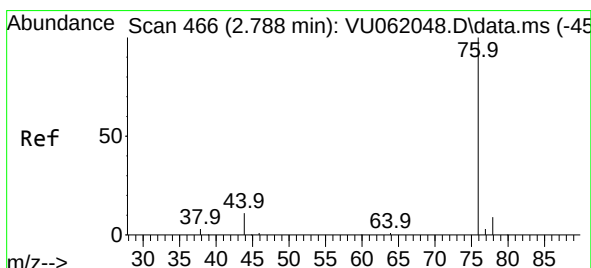
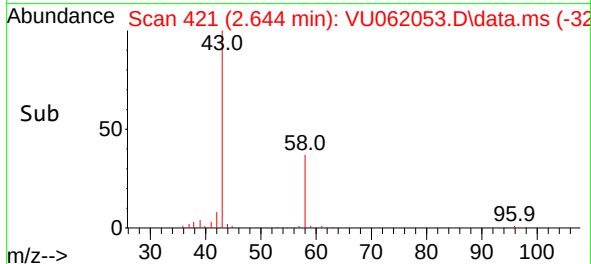
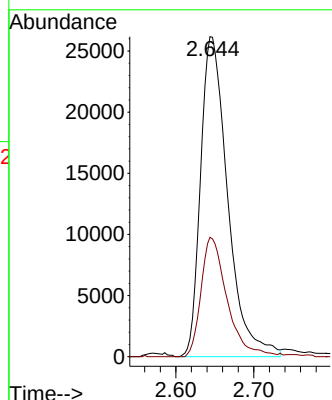
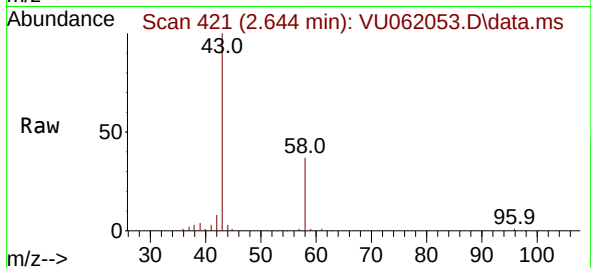
ClientSampleId :

Tgt Ion: 43 Resp: 63324

Ion Ratio Lower Upper

43 100

58 35.7 0.0 64.0



#14

Carbon disulfide

Concen: 4.632 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU062053.D

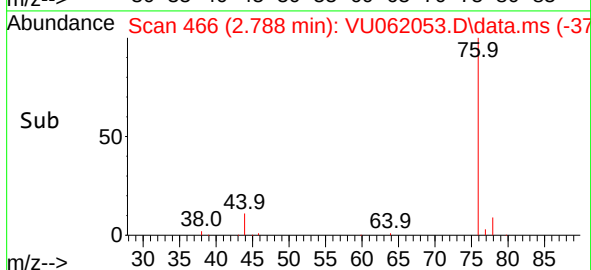
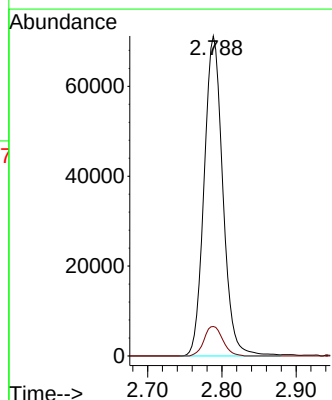
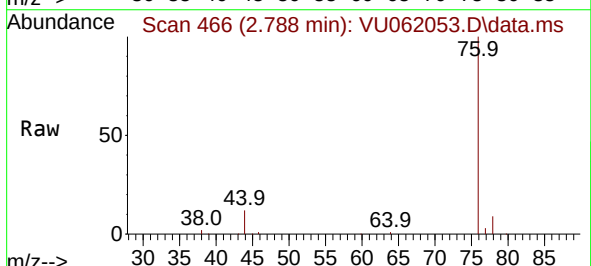
Acq: 27 Nov 2024 13:21

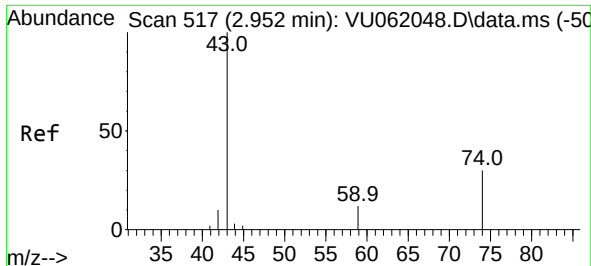
Tgt Ion: 76 Resp: 124508

Ion Ratio Lower Upper

76 100

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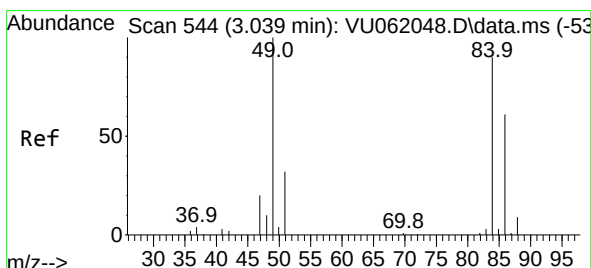
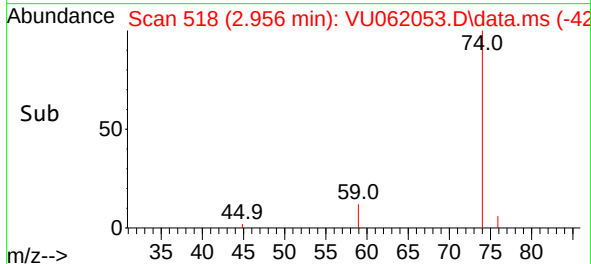
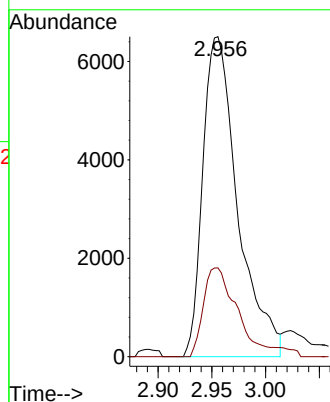
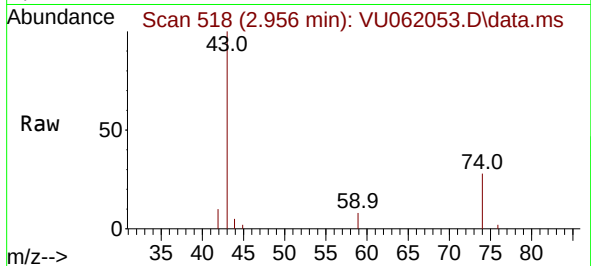




#15
Methyl Acetate
Concen: 4.271 ug/L
RT: 2.956 min Scan# 517
Delta R.T. 0.006 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

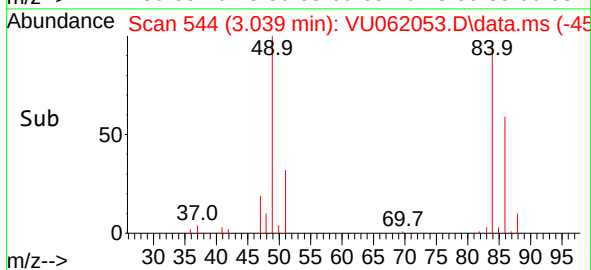
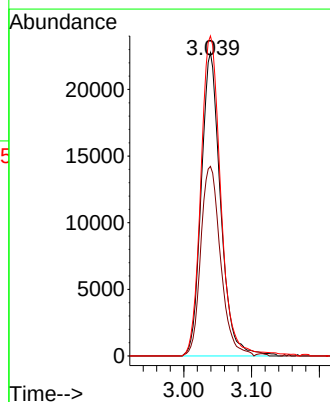
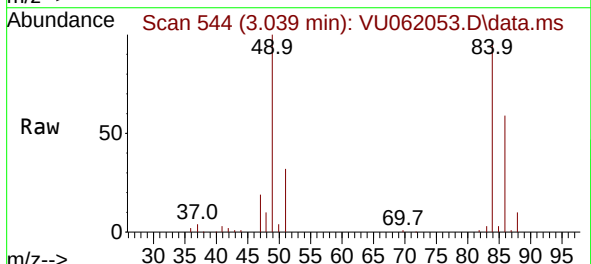
Instrument :
MSVOA_U
ClientSampleId :

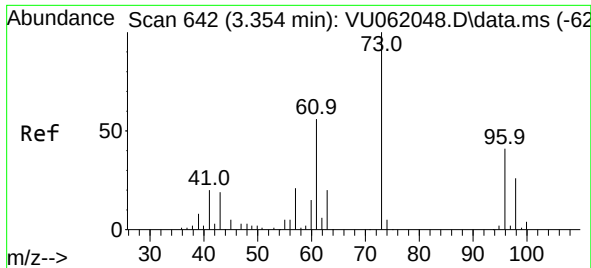
Tgt Ion: 43 Resp: 14699
Ion Ratio Lower Upper
43 100
74 28.0 19.4 29.2



#16
Methylene chloride
Concen: 4.443 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 84 Resp: 45088
Ion Ratio Lower Upper
84 100
86 62.6 43.5 80.7
49 105.6 81.9 152.1

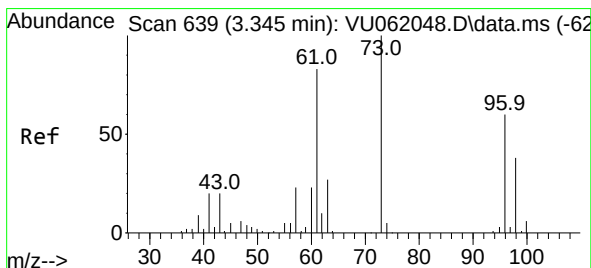
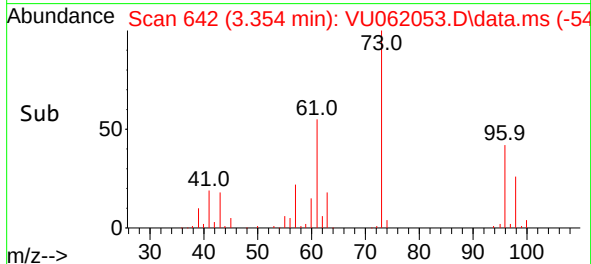
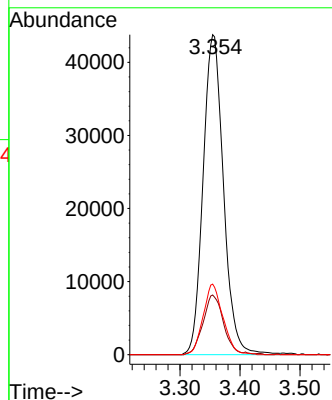
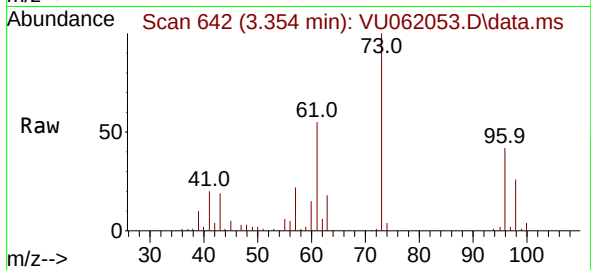




#17
Methyl tert-butyl Ether
Concen: 4.788 ug/L
RT: 3.354 min Scan# 641
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

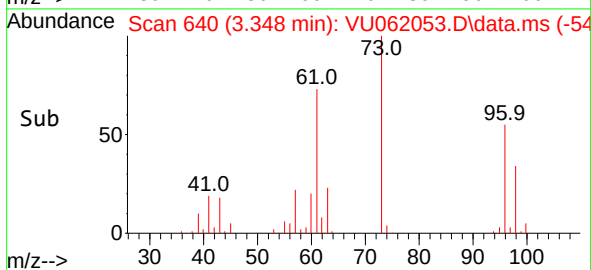
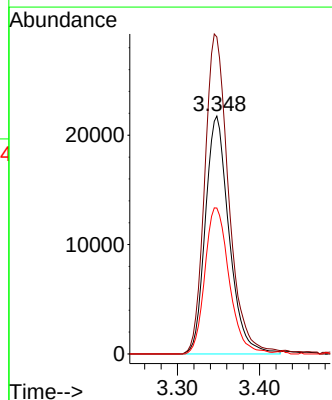
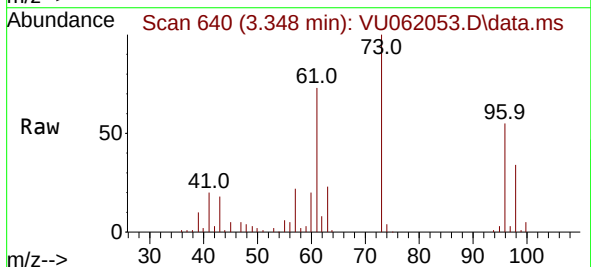
Instrument :
MSVOA_U
ClientSampleId :

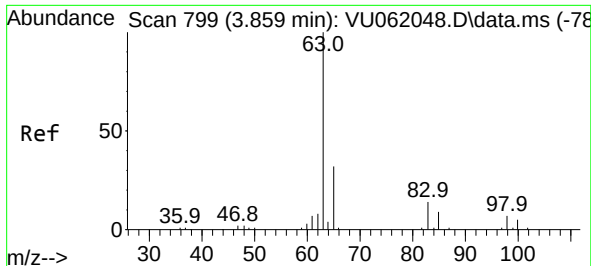
Tgt Ion: 73 Resp: 103708
Ion Ratio Lower Upper
73 100
43 18.6 16.3 24.5
57 21.5 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.886 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 96 Resp: 43652
Ion Ratio Lower Upper
96 100
61 133.2 104.2 193.4
98 61.3 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.750 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.000 min

Lab File: VU062053.D

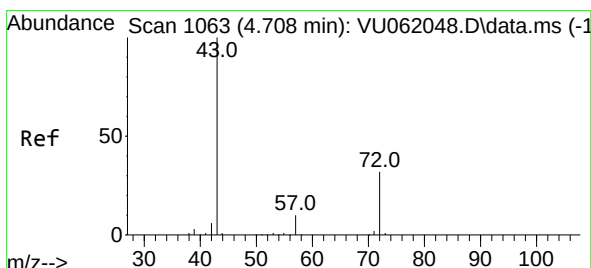
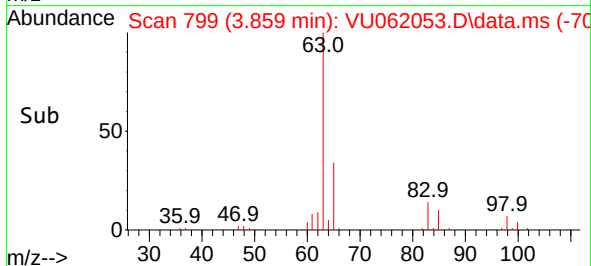
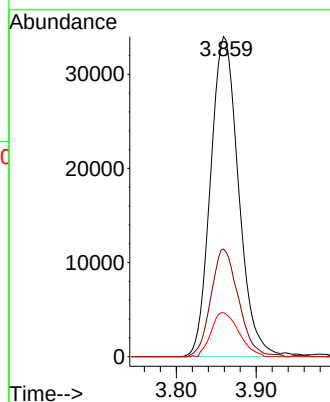
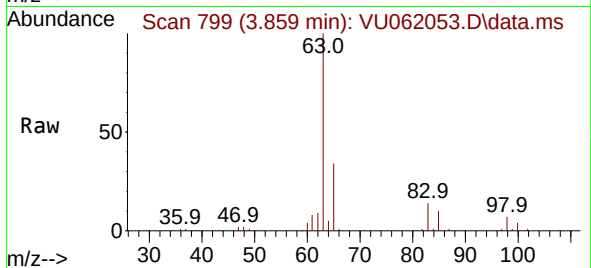
Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	82671
Ion Ratio	Lower	Upper	
63	100		
65	33.7	22.7	42.3
83	13.7	9.9	18.3



#21

2-Butanone

Concen: 46.000 ug/L

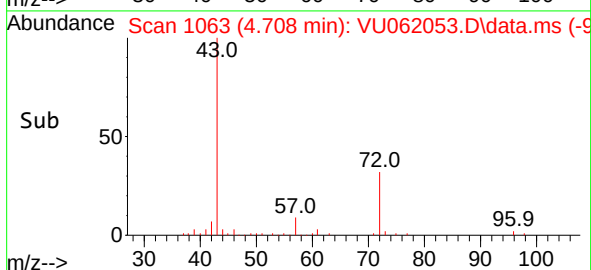
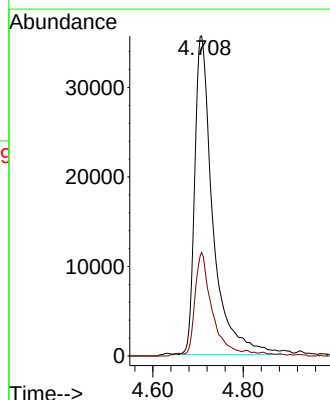
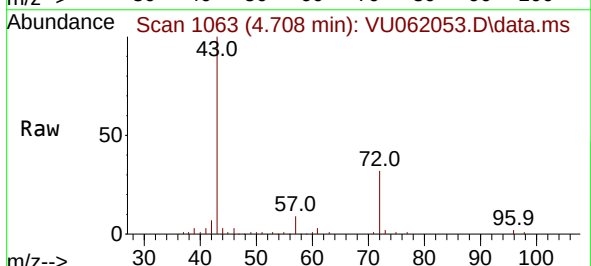
RT: 4.708 min Scan# 1063

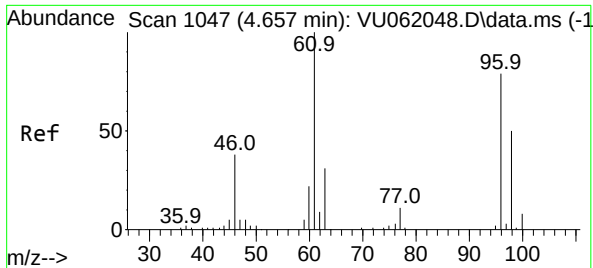
Delta R.T. 0.010 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Tgt Ion:	43	Resp:	99636
Ion Ratio	Lower	Upper	
43	100		
72	28.6	14.8	44.4

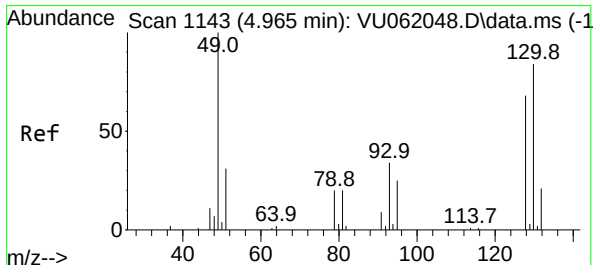
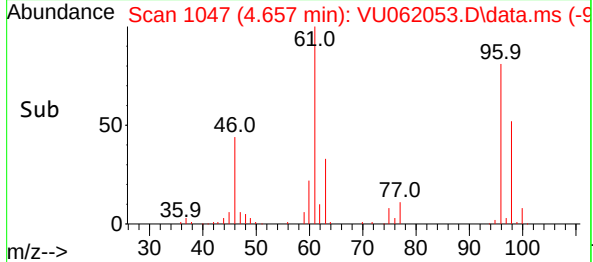
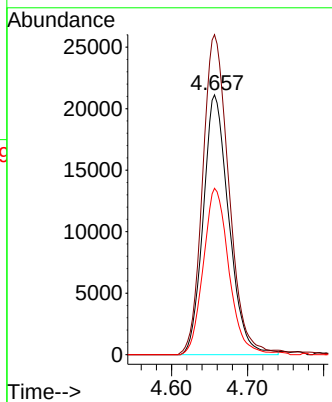
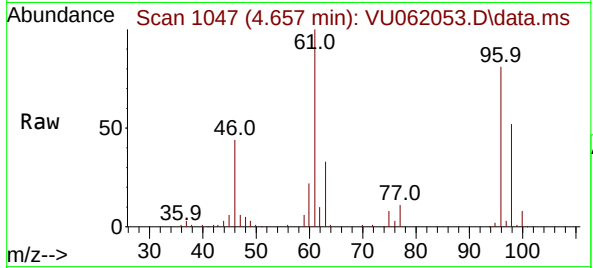




#22
 cis-1,2-Dichloroethene
 Concen: 4.911 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062053.D
 Acq: 27 Nov 2024 13:21

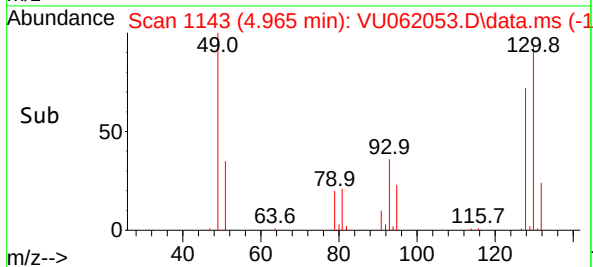
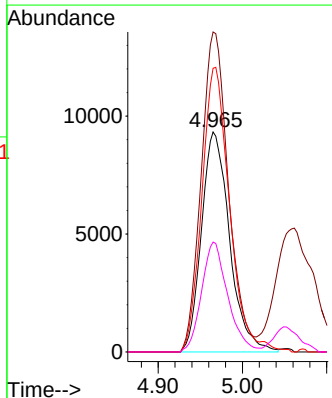
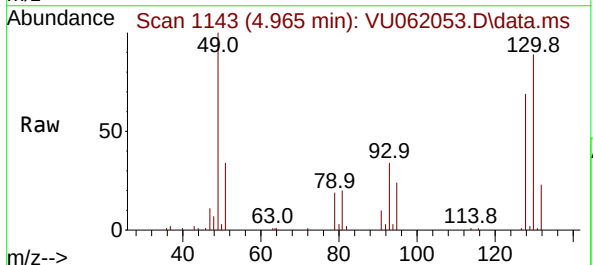
Instrument :
 MSVOA_U
 ClientSampleId :

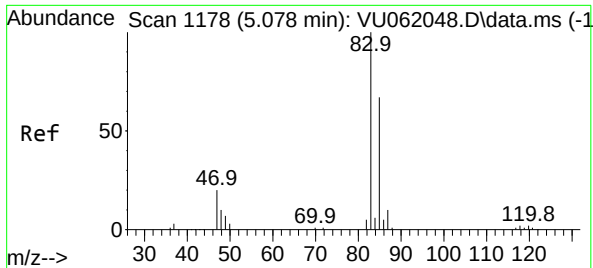
Tgt Ion:	96	Resp:	49380
Ion	Ratio	Lower	Upper
96	100		
61	123.2	92.0	170.8
98	64.0	44.5	82.7



#23
 Bromochloromethane
 Concen: 4.947 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.000 min
 Lab File: VU062053.D
 Acq: 27 Nov 2024 13:21

Tgt Ion:	128	Resp:	21619
Ion	Ratio	Lower	Upper
128	100		
49	145.5	115.3	214.1
130	129.0	92.0	170.8
51	50.0	44.7	67.1

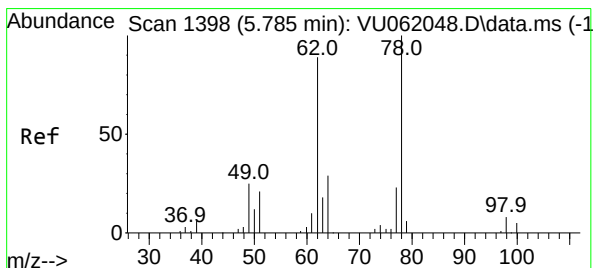
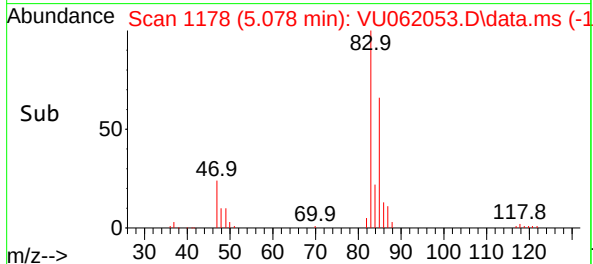
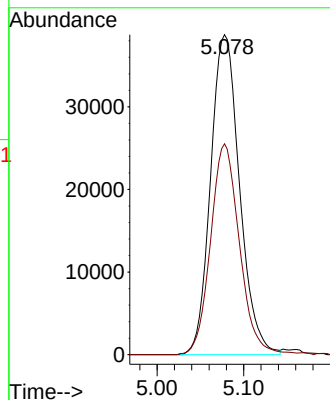
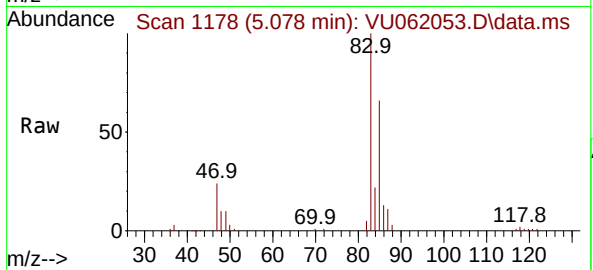




#25
Chloroform
Concen: 4.950 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

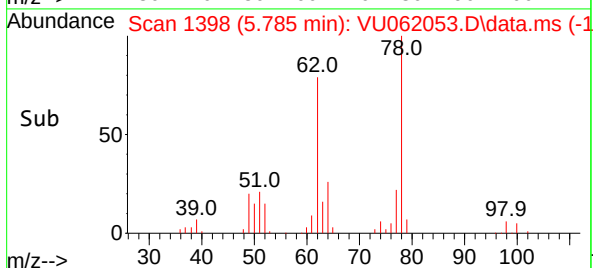
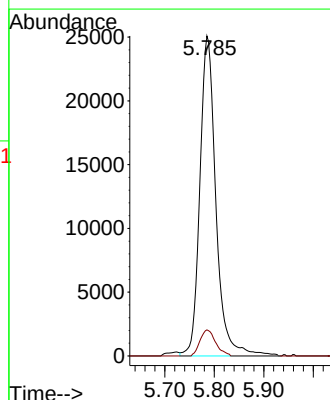
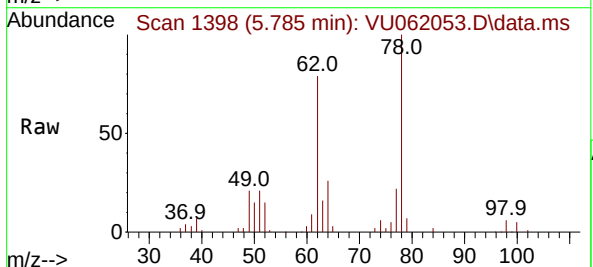
Instrument :
MSVOA_U
ClientSampleId :

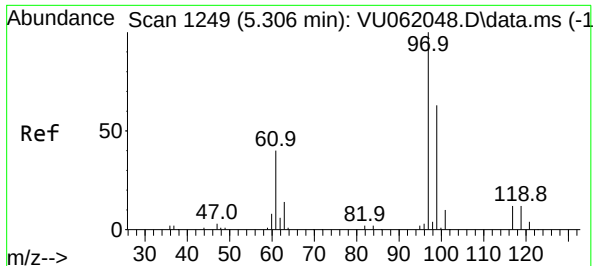
Tgt Ion: 83 Resp: 90051
Ion Ratio Lower Upper
83 100
85 65.9 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.843 ug/L
RT: 5.785 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 62 Resp: 56674
Ion Ratio Lower Upper
62 100
98 8.1 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 6.143 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :

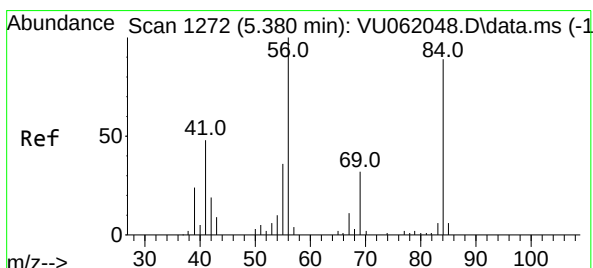
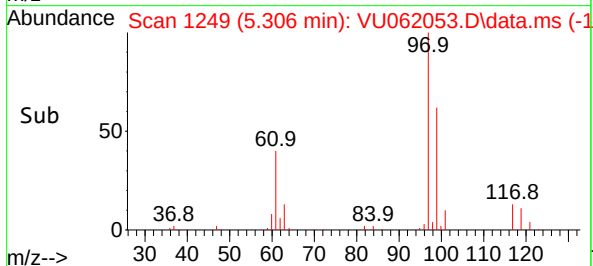
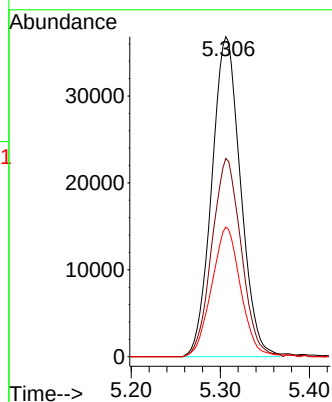
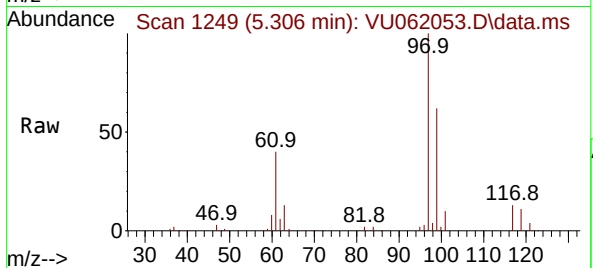
Tgt Ion: 97 Resp: 82780

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.2

61 40.7 37.8 56.6



#30

Cyclohexane

Concen: 5.209 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

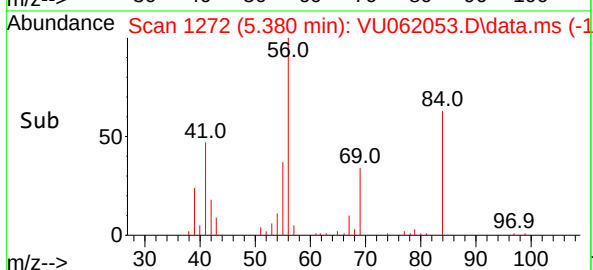
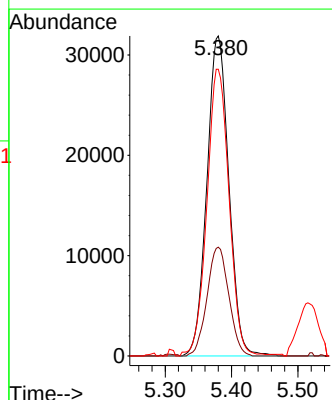
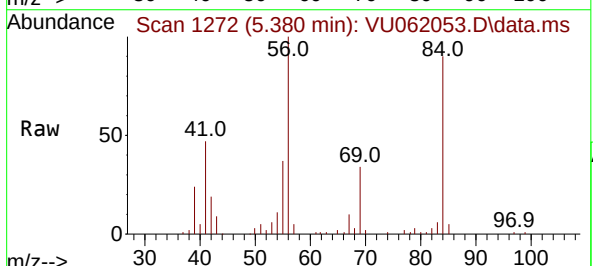
Tgt Ion: 56 Resp: 73417

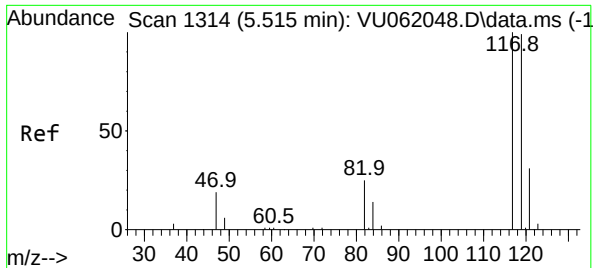
Ion Ratio Lower Upper

56 100

69 33.7 25.1 37.7

84 90.2 70.6 105.8

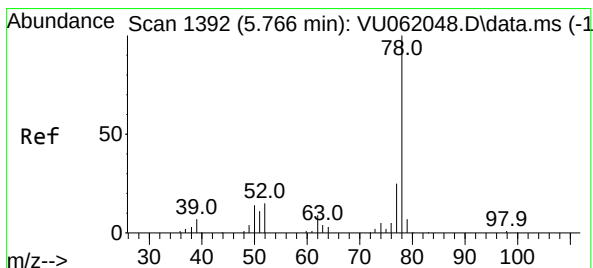
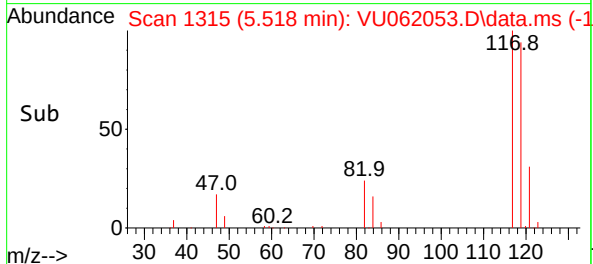
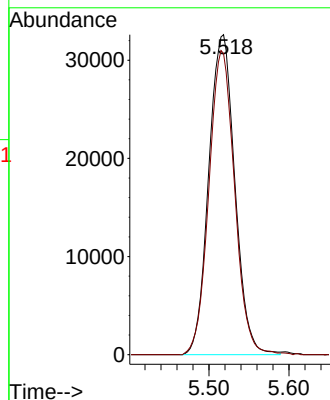
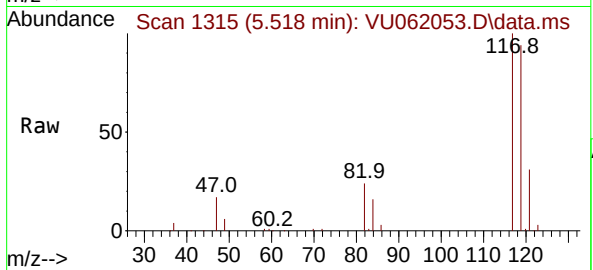




#31
Carbon tetrachloride
Concen: 6.462 ug/L
RT: 5.518 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

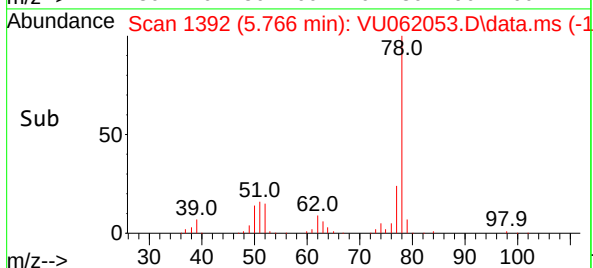
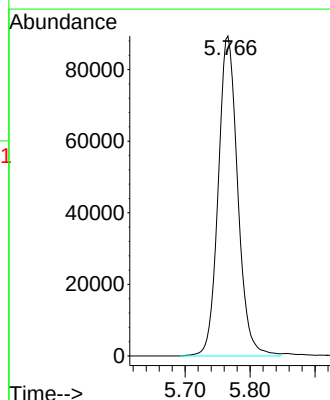
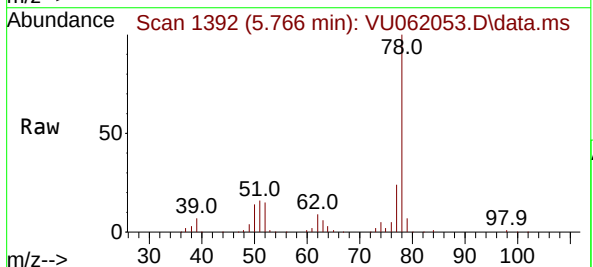
Instrument :
MSVOA_U
ClientSampleId :

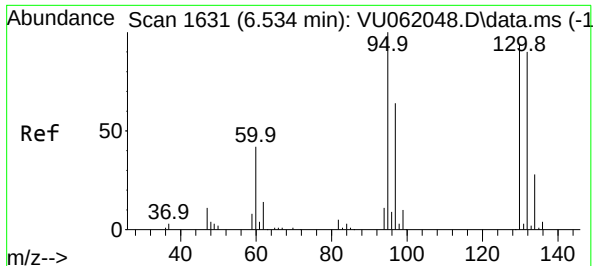
Tgt Ion:117 Resp: 73942
Ion Ratio Lower Upper
117 100
119 93.6 77.5 116.3



#33
Benzene
Concen: 5.263 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 78 Resp: 185827

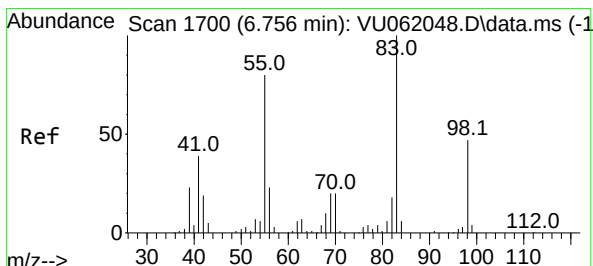
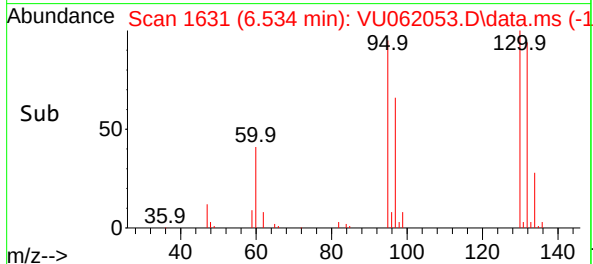
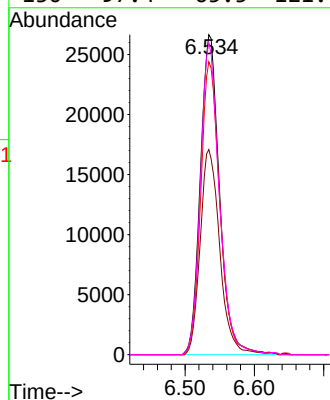
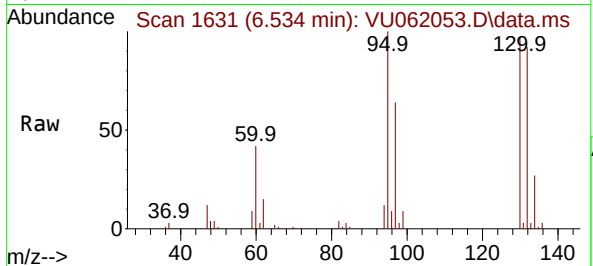




#34
Trichloroethene
Concen: 5.455 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

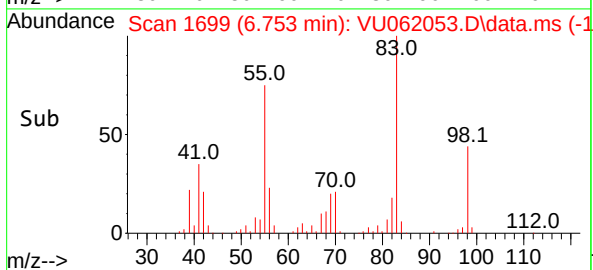
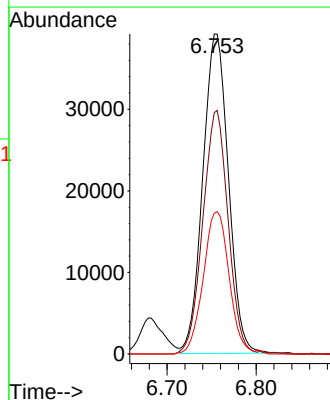
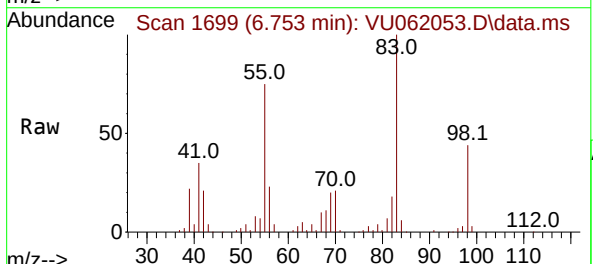
Instrument :
MSVOA_U
ClientSampleId :

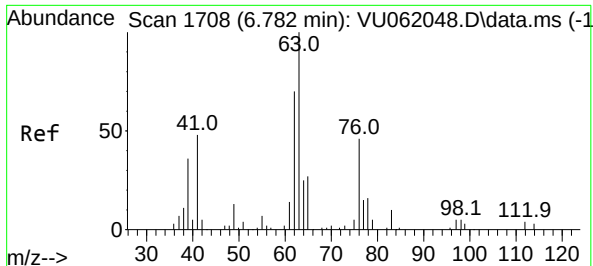
Tgt Ion: 95 Resp: 51410
Ion Ratio Lower Upper
95 100
97 64.1 45.9 85.3
132 91.6 63.8 118.4
130 97.4 65.5 121.7



#35
Methylcyclohexane
Concen: 5.426 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 83 Resp: 78210
Ion Ratio Lower Upper
83 100
55 75.2 60.7 91.1
98 44.8 34.8 52.2

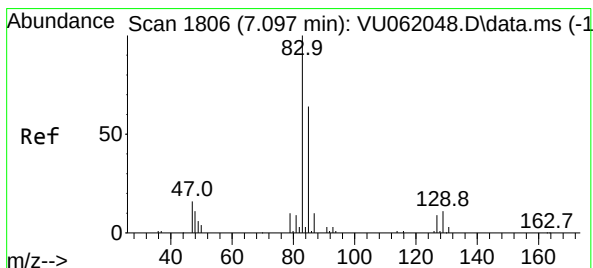
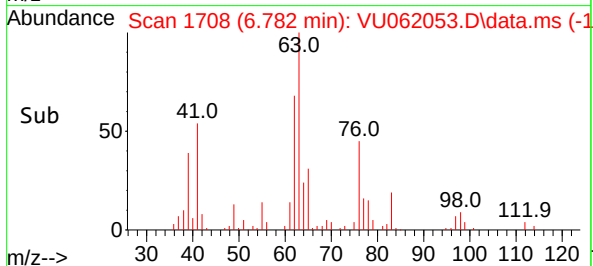
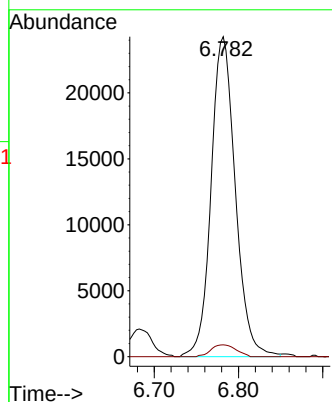
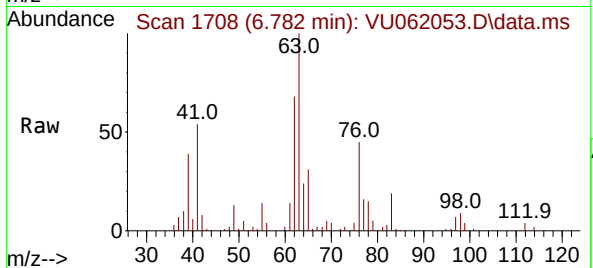




#37
1,2-Dichloropropane
Concen: 5.282 ug/L
RT: 6.782 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

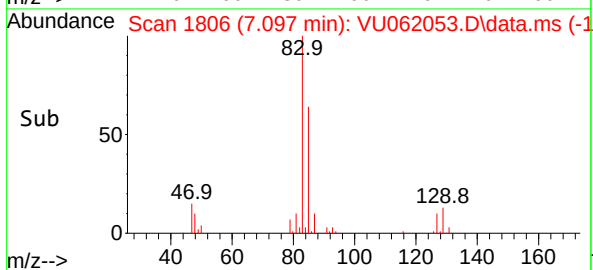
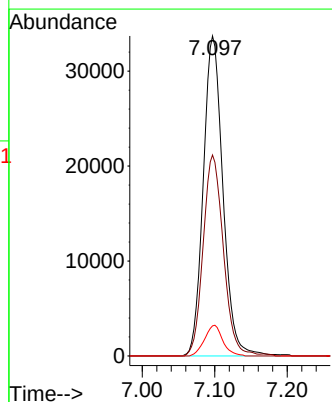
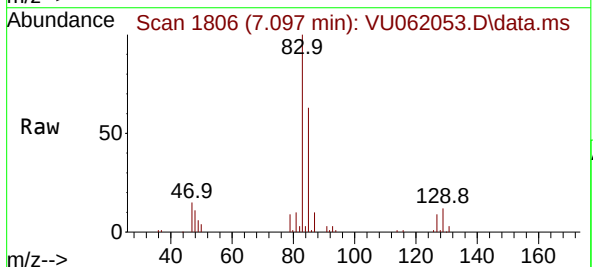
Instrument :
MSVOA_U
ClientSampleId :

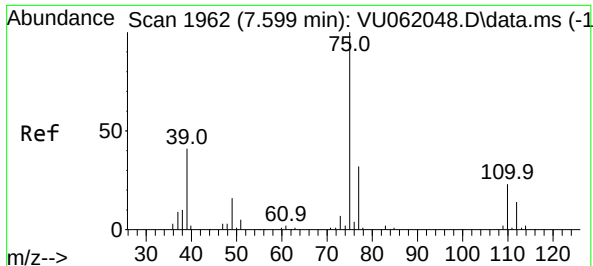
Tgt Ion: 63 Resp: 48455
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 5.719 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion: 83 Resp: 63629
Ion Ratio Lower Upper
83 100
85 62.8 44.1 81.9
127 9.4 6.9 10.3

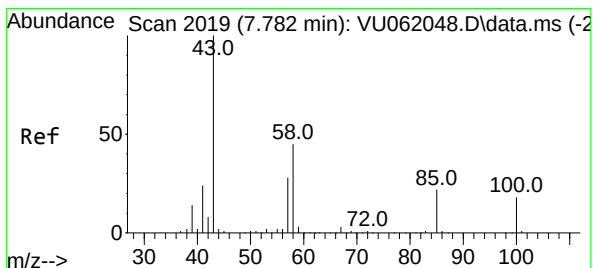
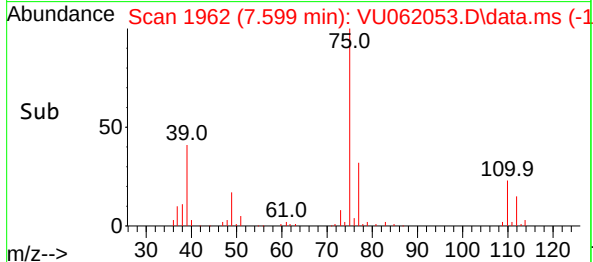
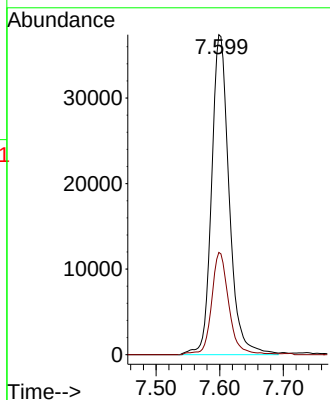
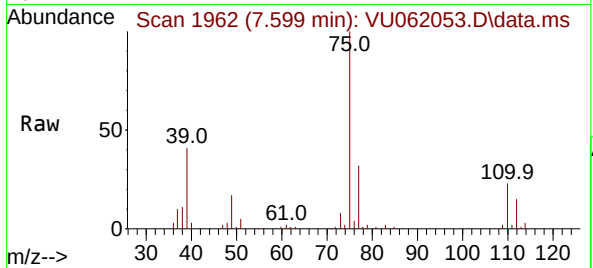




#39
 cis-1,3-Dichloropropene
 Concen: 5.582 ug/L
 RT: 7.599 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062053.D
 Acq: 27 Nov 2024 13:21

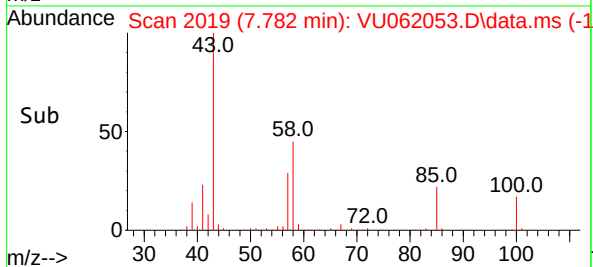
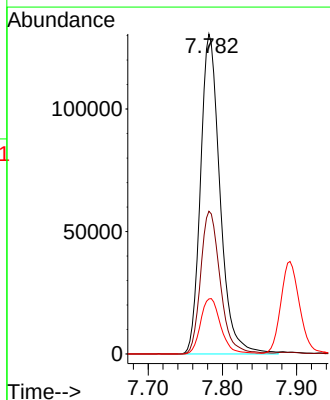
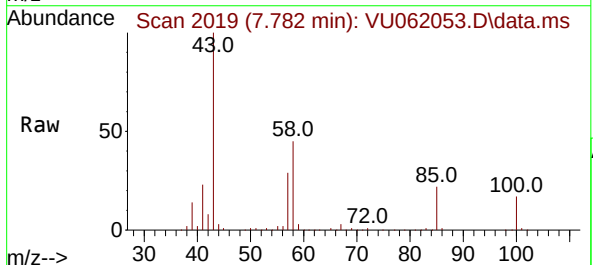
Instrument :
 MSVOA_U
 ClientSampleId :

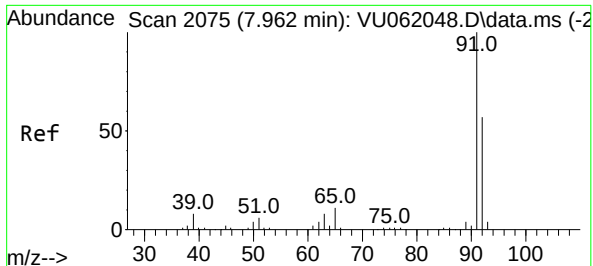
Tgt Ion: 75 Resp: 71800
 Ion Ratio Lower Upper
 75 100
 77 32.0 22.3 41.3



#40
 4-Methyl-2-pentanone
 Concen: 48.082 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062053.D
 Acq: 27 Nov 2024 13:21

Tgt Ion: 43 Resp: 237983
 Ion Ratio Lower Upper
 43 100
 58 45.0 33.3 49.9
 100 17.9 12.4 18.6

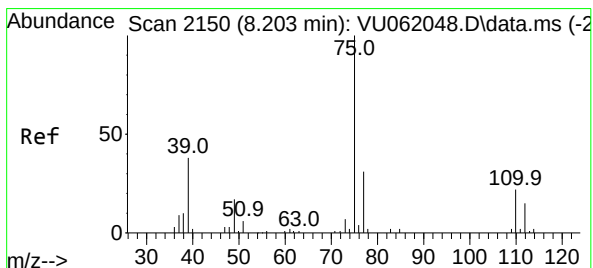
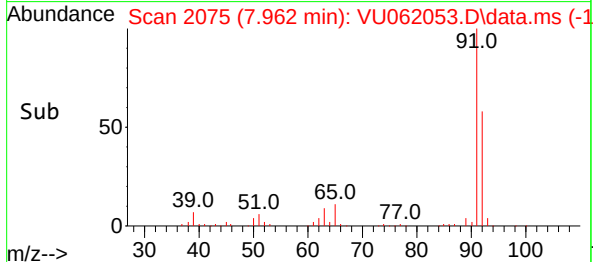
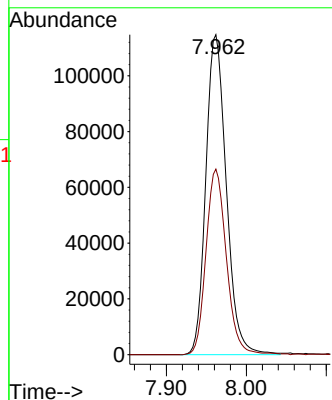
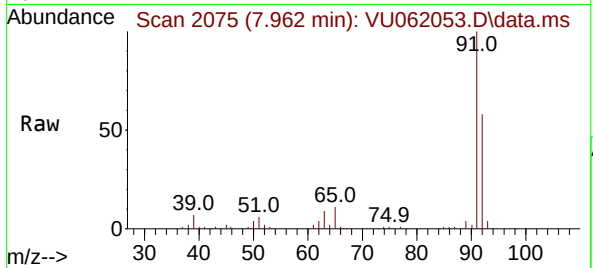




#42
Toluene
Concen: 5.522 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

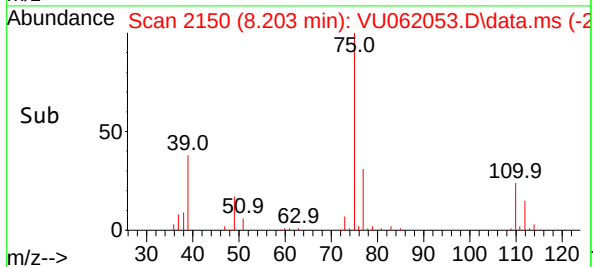
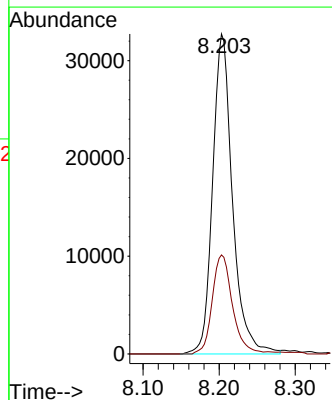
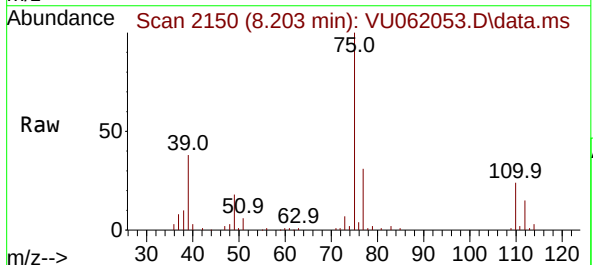
Instrument :
MSVOA_U
ClientSampleId :

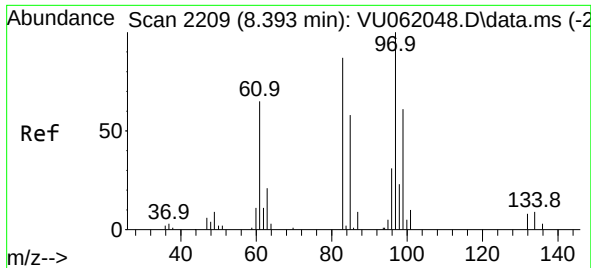
Tgt Ion: 91 Resp: 204590
Ion Ratio Lower Upper
91 100
92 58.0 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 5.803 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

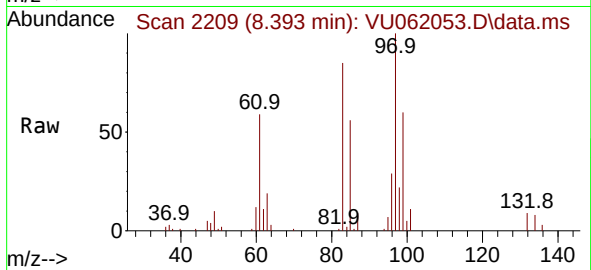
Tgt Ion: 75 Resp: 59272
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4



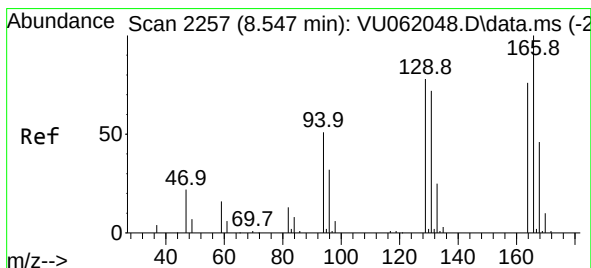
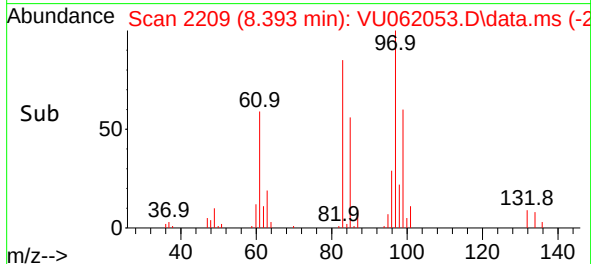
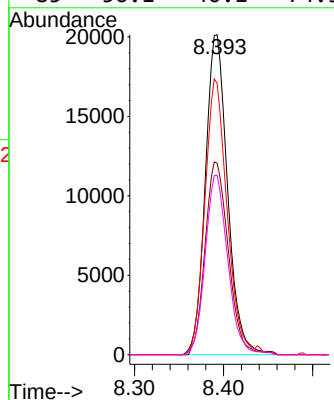


#45
1,1,2-Trichloroethane
Concen: 5.173 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Instrument :
MSVOA_U
ClientSampleId :

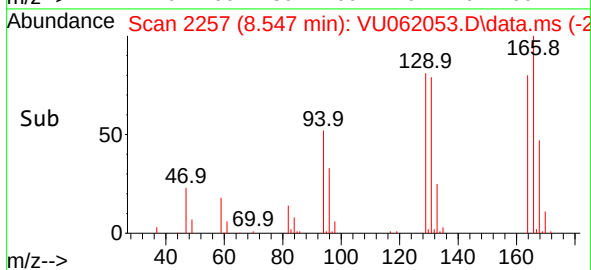
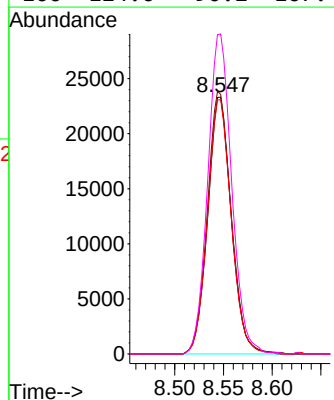
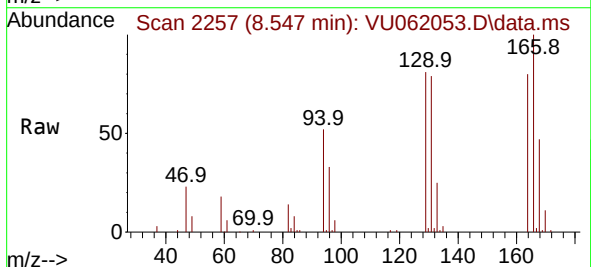


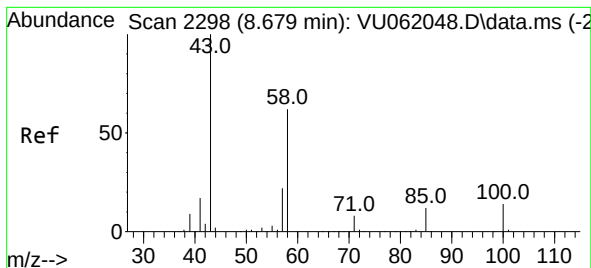
Tgt Ion:	97	Resp:	34956
Ion	Ratio	Lower	Upper
97	100		
99	59.8	43.0	79.8
83	84.7	61.7	114.5
85	56.1	40.1	74.5



#47
Tetrachloroethene
Concen: 5.758 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion:	164	Resp:	39462
Ion	Ratio	Lower	Upper
164	100		
129	101.1	73.2	136.0
131	98.9	72.3	134.3
166	124.6	90.2	167.4





#48

2-Hexanone

Concen: 45.435 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. 0.003 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 43 Resp: 168414

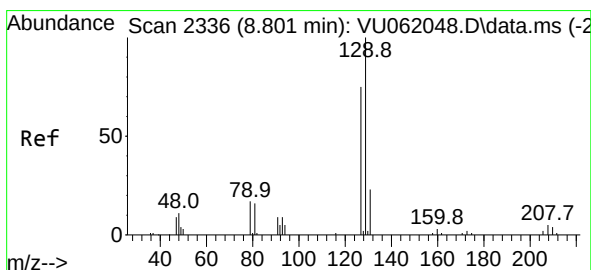
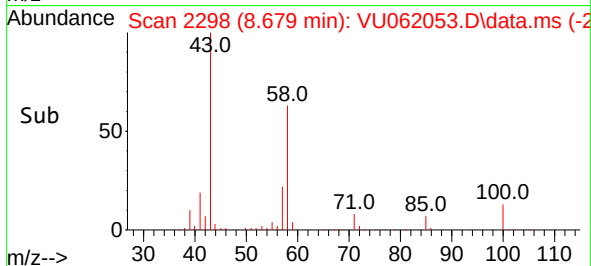
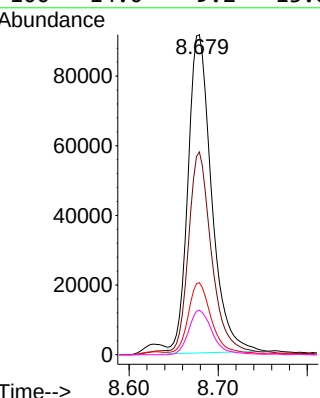
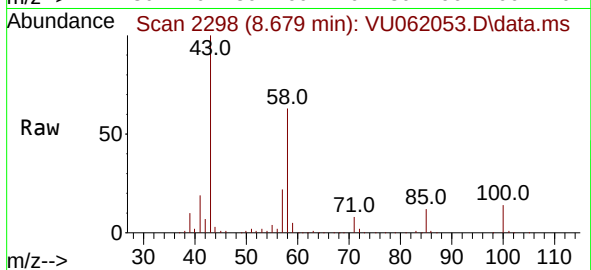
Ion	Ratio	Lower	Upper
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43	100		
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58	64.1	47.5	71.3
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57	22.3	15.6	23.4
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100	14.0	9.2	13.8
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#49

Dibromochloromethane

Concen: 5.772 ug/L

RT: 8.801 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU062053.D

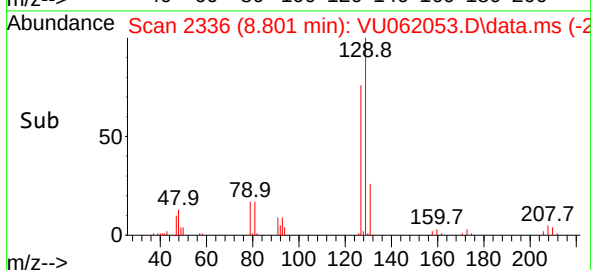
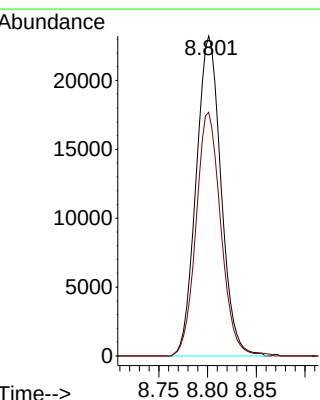
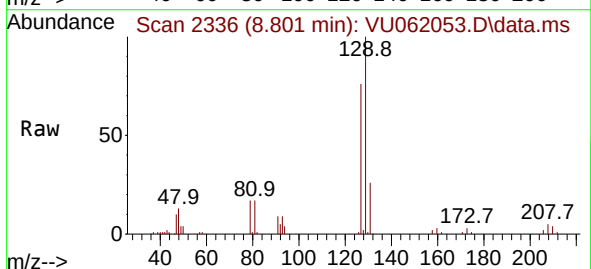
Acq: 27 Nov 2024 13:21

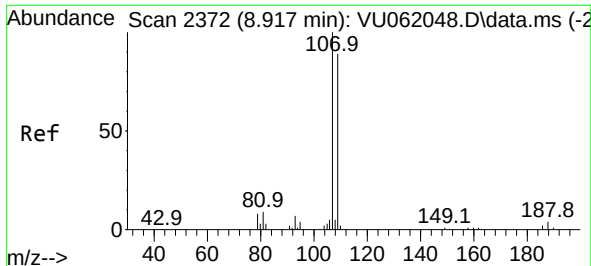
Tgt Ion:129 Resp: 41208

Ion	Ratio	Lower	Upper
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129	100		
-----	-----	--	--

127	76.1	51.1	94.9
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#50

1,2-Dibromoethane

Concen: 4.977 ug/L

RT: 8.914 min Scan# 21

Delta R.T. -0.003 min

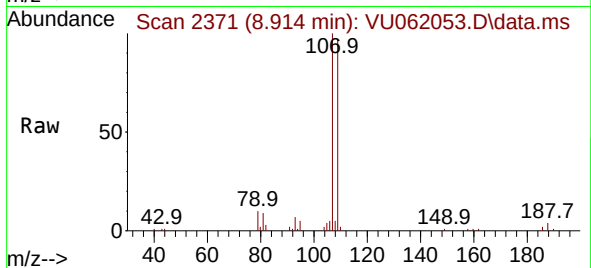
Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :



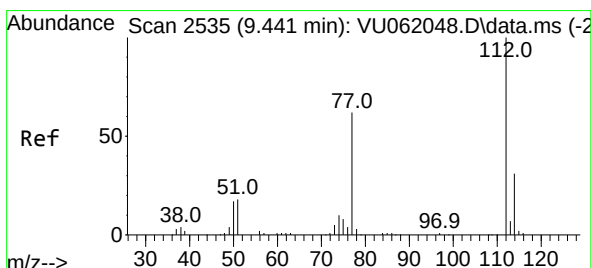
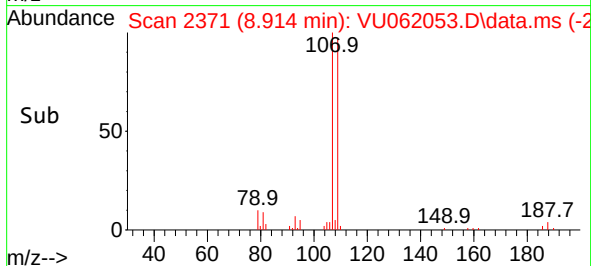
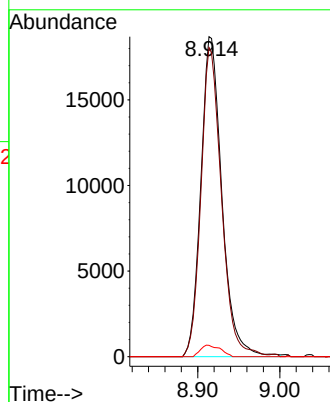
Tgt Ion:107 Resp: 33381

Ion Ratio Lower Upper

107 100

109 96.6 66.8 124.2

188 3.5 2.3 3.5#



#51

Chlorobenzene

Concen: 4.977 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

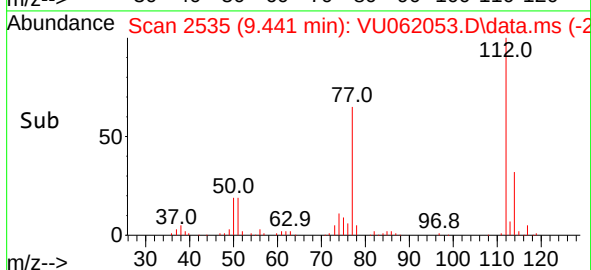
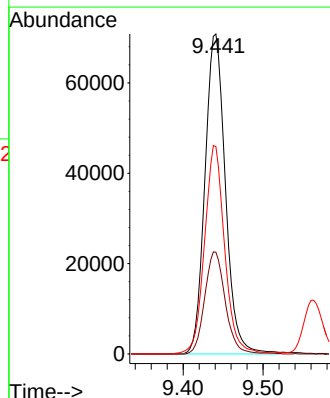
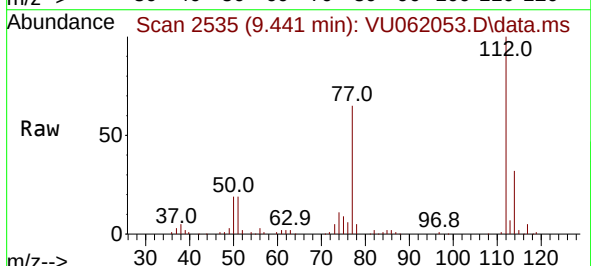
Tgt Ion:112 Resp: 126307

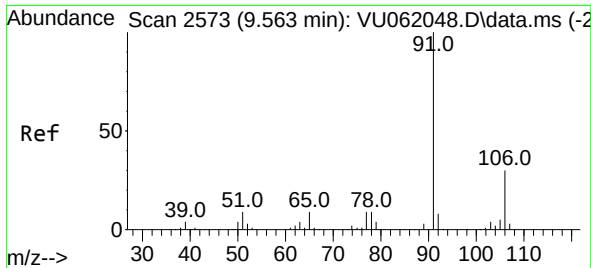
Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.6

77 64.9 50.5 75.7

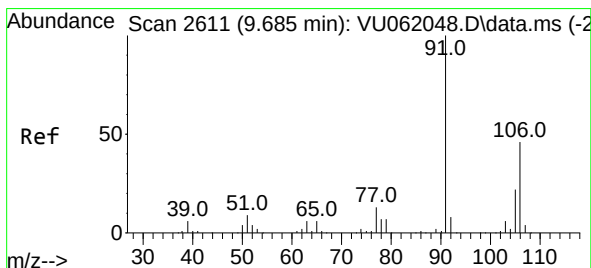
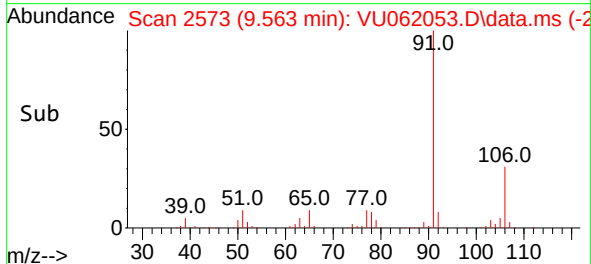
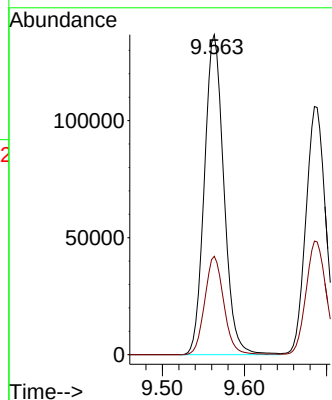
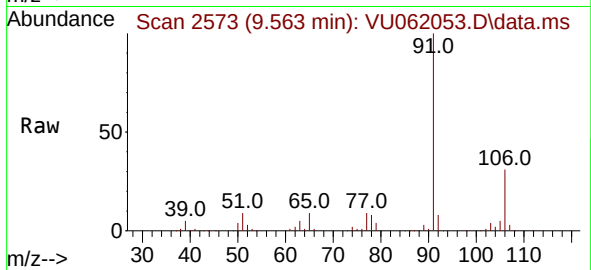




#52
Ethylbenzene
Concen: 5.081 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

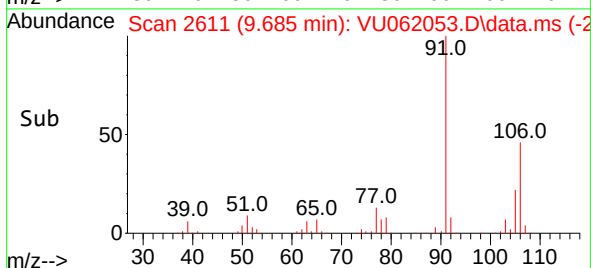
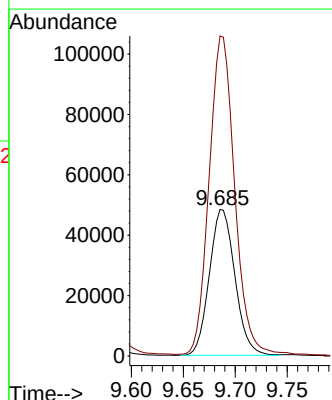
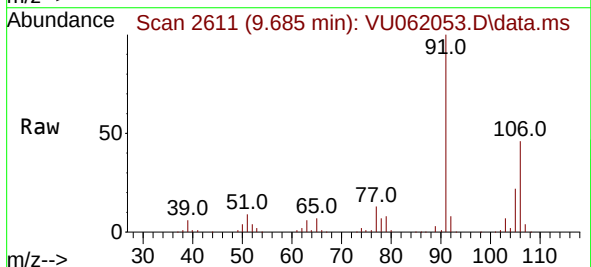
Instrument :
MSVOA_U
ClientSampleId :

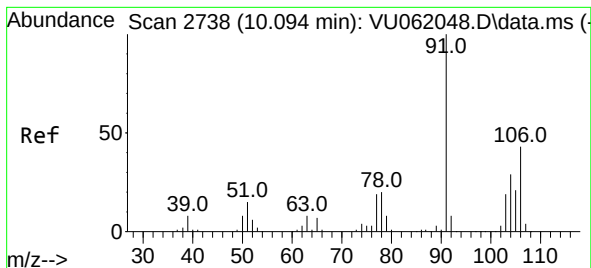
Tgt Ion: 91 Resp: 225298
Ion Ratio Lower Upper
91 100
106 30.8 21.6 40.0



#53
m,p-Xylene
Concen: 5.291 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion:106 Resp: 82781
Ion Ratio Lower Upper
106 100
91 218.4 147.6 274.0





#54

o-Xylene

Concen: 5.215 ug/L

RT: 10.094 min Scan# 2738

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

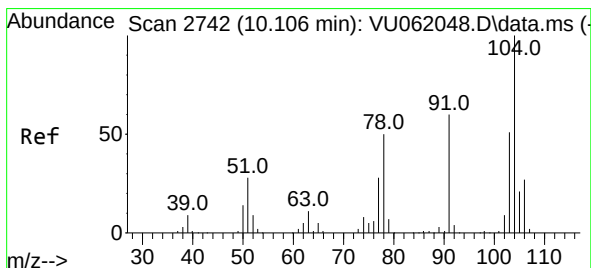
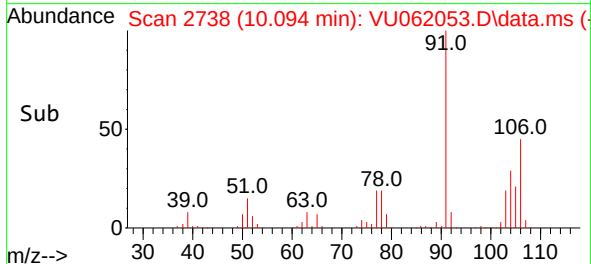
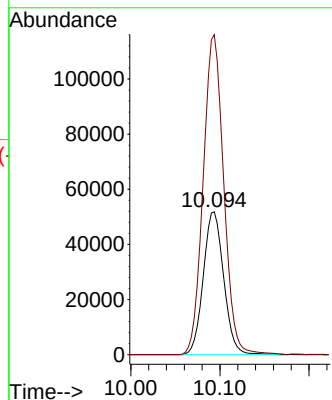
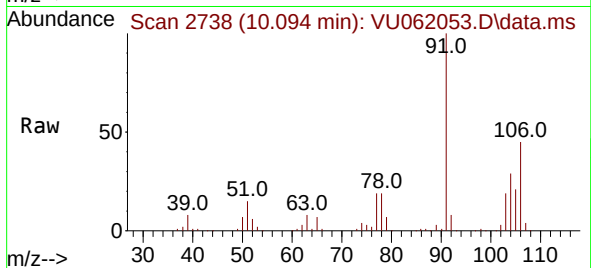
ClientSampleId :

Tgt Ion:106 Resp: 82364

Ion Ratio Lower Upper

106 100

91 224.0 159.8 296.8



#55

Styrene

Concen: 5.226 ug/L

RT: 10.107 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062053.D

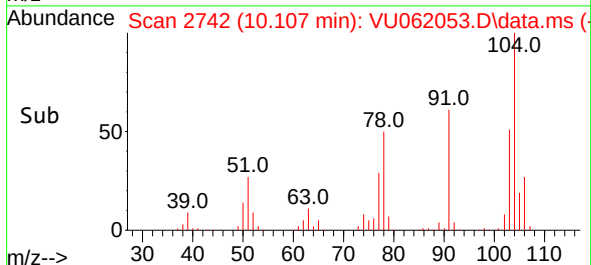
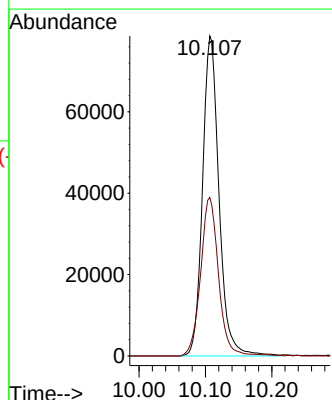
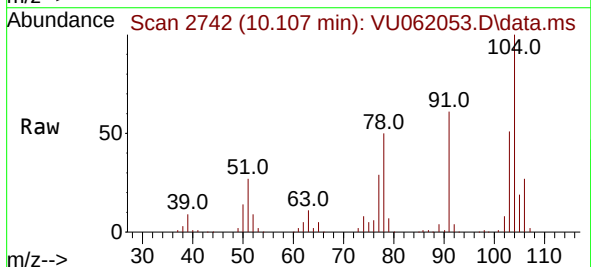
Acq: 27 Nov 2024 13:21

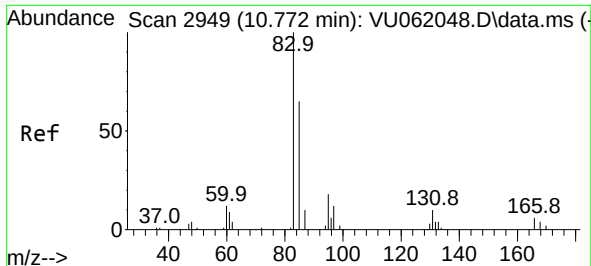
Tgt Ion:104 Resp: 135970

Ion Ratio Lower Upper

104 100

78 49.5 33.2 61.7

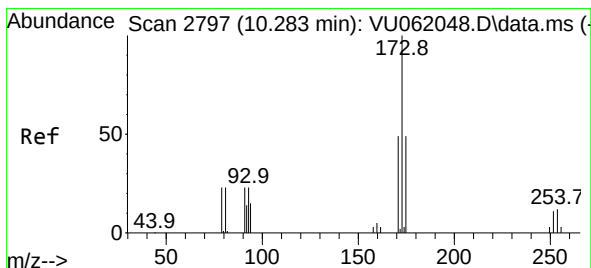
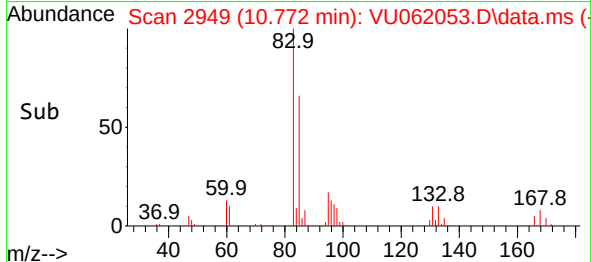
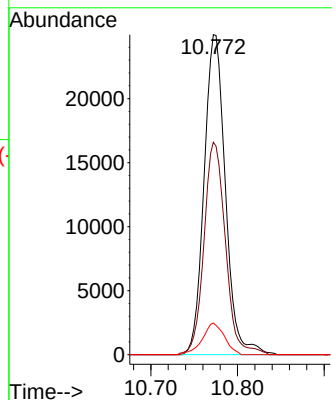
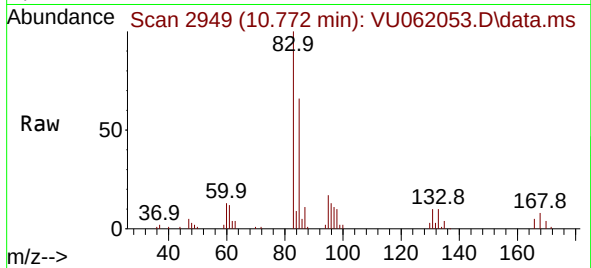




#57
1,1,2,2-Tetrachloroethane
Concen: 4.936 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

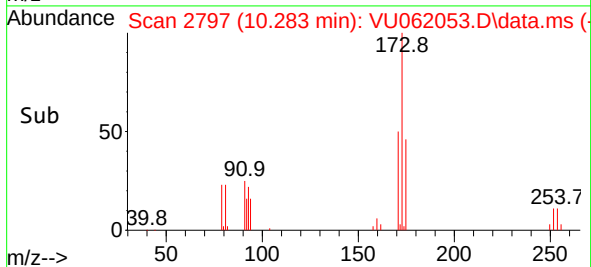
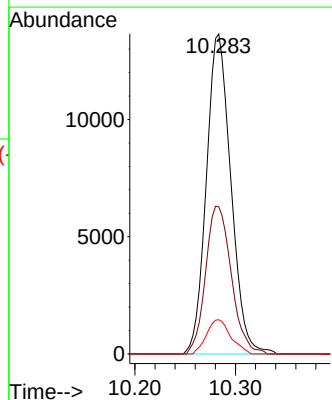
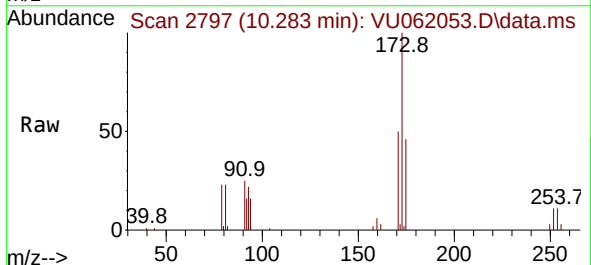
Instrument :
MSVOA_U
ClientSampleId :

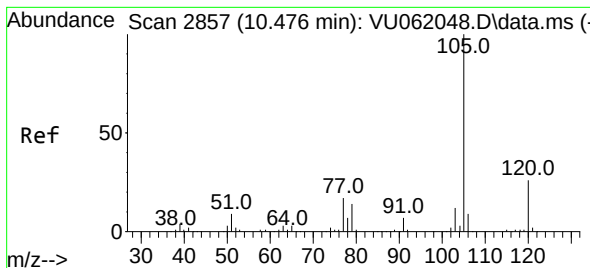
Tgt Ion: 83 Resp: 42748
Ion Ratio Lower Upper
83 100
85 66.4 44.4 82.4
131 9.9 7.3 10.9



#59
Bromoform
Concen: 5.119 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion:173 Resp: 23156
Ion Ratio Lower Upper
173 100
175 48.3 39.0 58.4
254 10.5 7.4 11.0





#60

Isopropylbenzene

Concen: 4.736 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :

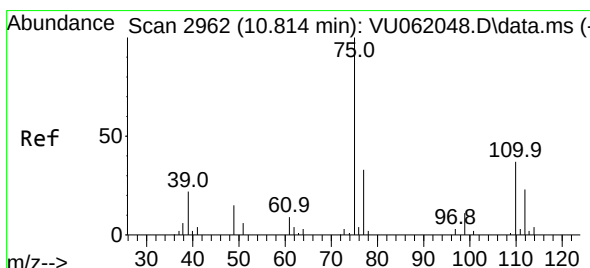
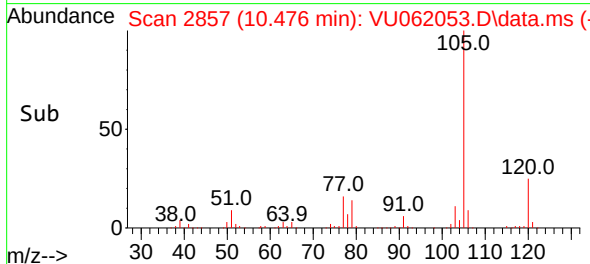
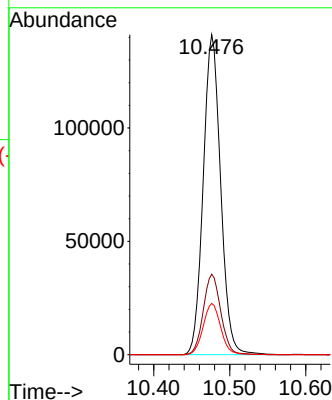
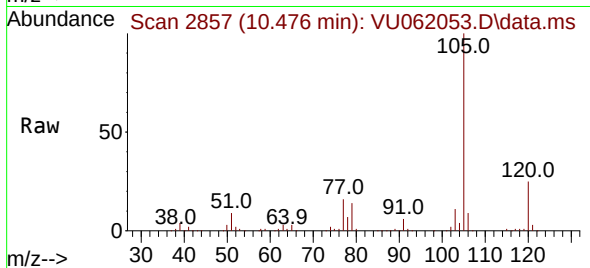
Tgt Ion:105 Resp: 224696

Ion Ratio Lower Upper

105 100

120 25.4 20.6 31.0

77 16.1 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 4.164 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

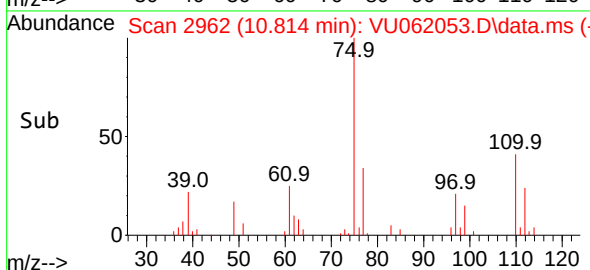
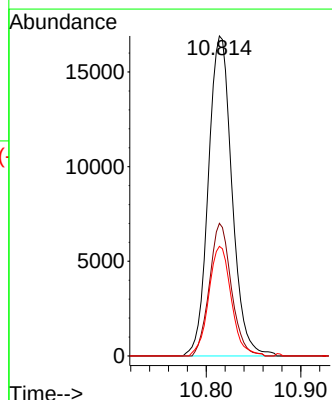
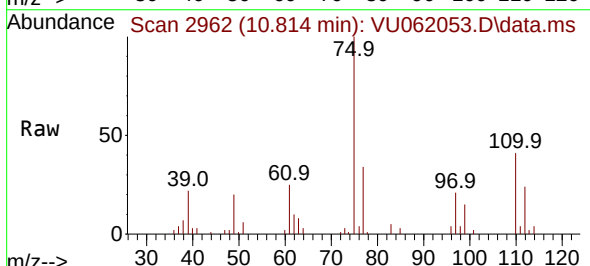
Tgt Ion: 75 Resp: 29293

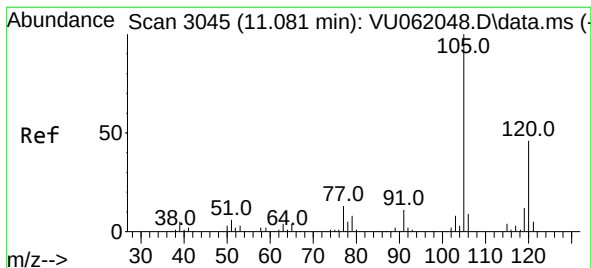
Ion Ratio Lower Upper

75 100

110 38.5 28.9 43.3

77 32.8 26.5 39.7





#62

1,3,5-Trimethylbenzene

Concen: 4.984 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

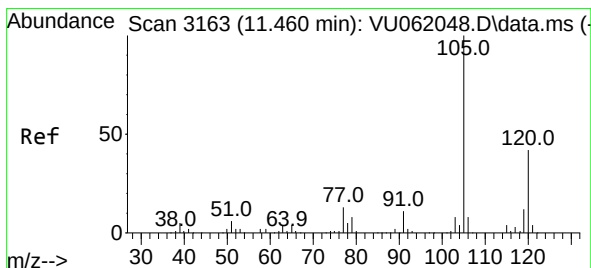
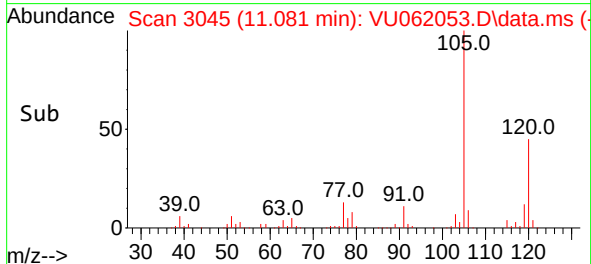
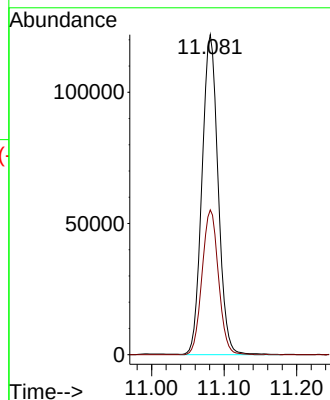
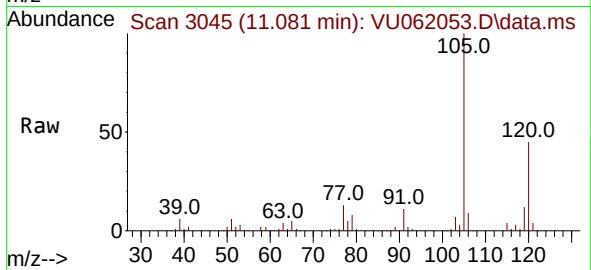
ClientSampleId :

Tgt Ion:105 Resp: 188625

Ion Ratio Lower Upper

105 100

120 45.9 36.7 55.1



#63

1,2,4-Trimethylbenzene

Concen: 4.855 ug/L

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU062053.D

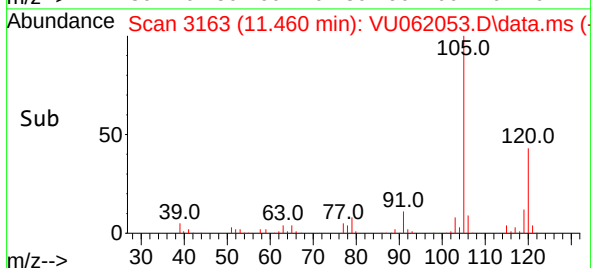
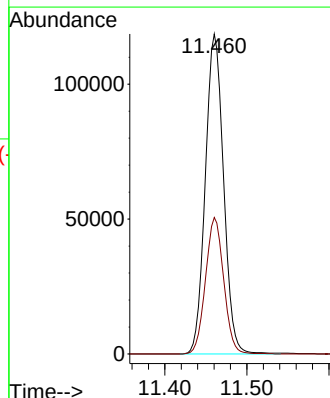
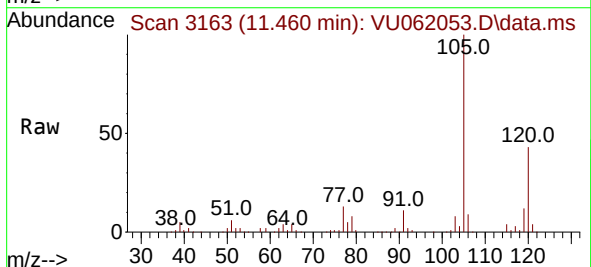
Acq: 27 Nov 2024 13:21

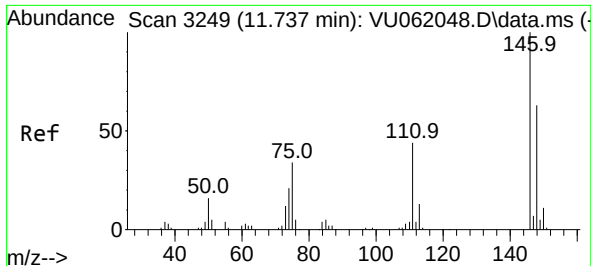
Tgt Ion:105 Resp: 183217

Ion Ratio Lower Upper

105 100

120 42.4 34.7 52.1

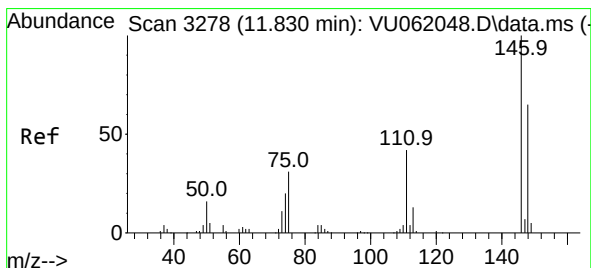
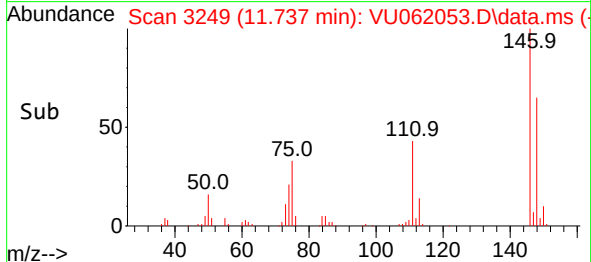
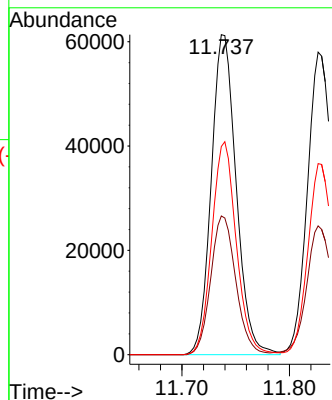
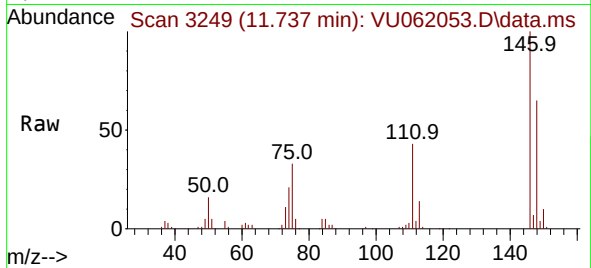




#64
1,3-Dichlorobenzene
Concen: 4.697 ug/L
RT: 11.737 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

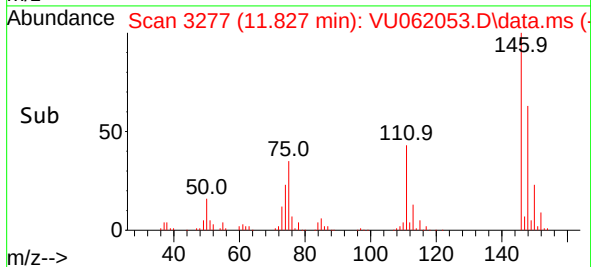
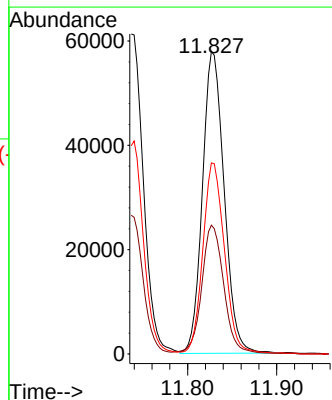
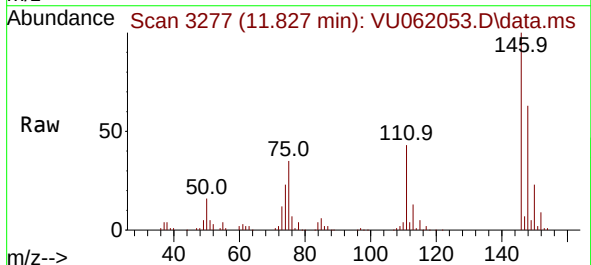
Instrument :
MSVOA_U
ClientSampleId :

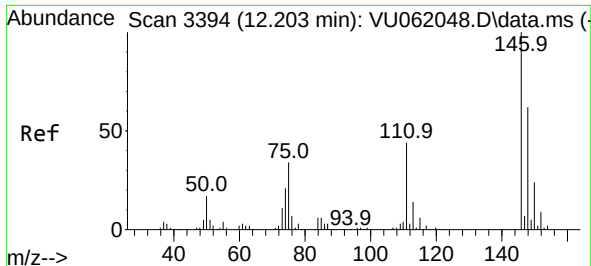
Tgt Ion:146 Resp: 98939
Ion Ratio Lower Upper
146 100
111 43.3 30.7 57.1
148 65.0 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.808 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

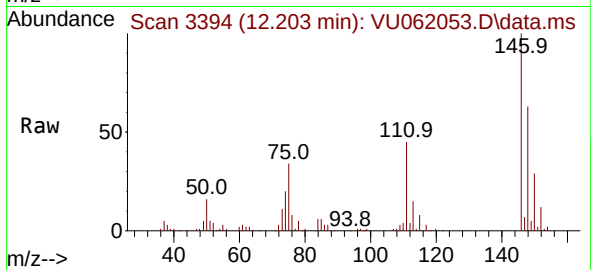
Tgt Ion:146 Resp: 98020
Ion Ratio Lower Upper
146 100
111 42.5 29.3 54.3
148 63.1 44.6 82.8



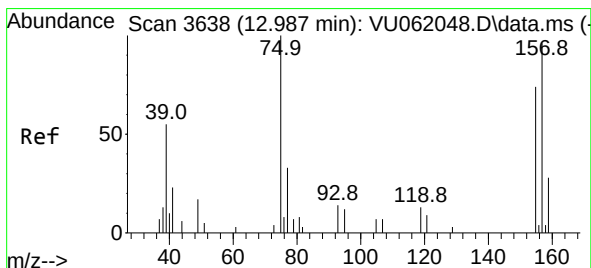
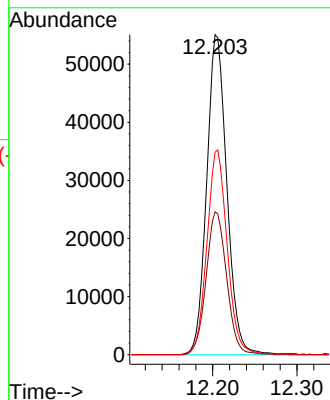
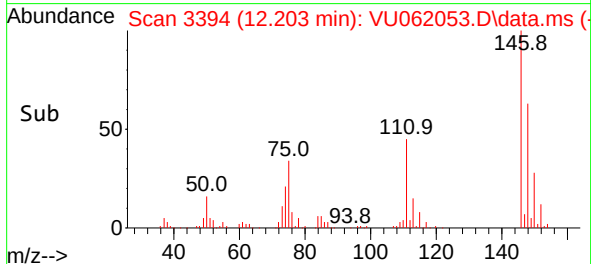


#67
1,2-Dichlorobenzene
Concen: 5.007 ug/L
RT: 12.203 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

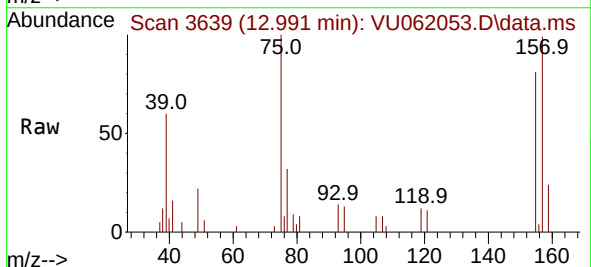
Instrument :
MSVOA_U
ClientSampleId :



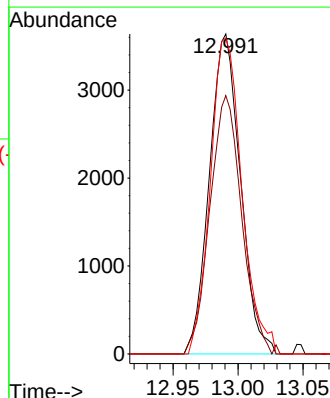
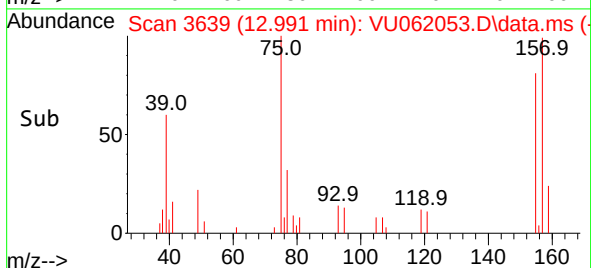
Tgt Ion:146 Resp: 91720
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 63.3 52.3 78.5

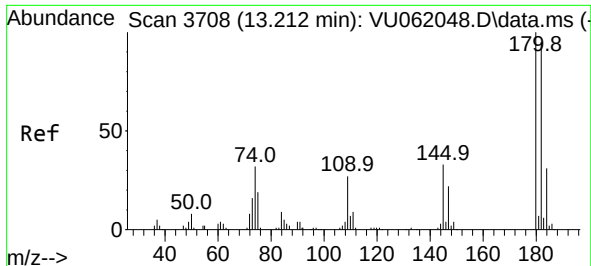


#68
1,2-Dibromo-3-chloropropane
Concen: 5.029 ug/L
RT: 12.991 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21



Tgt Ion: 75 Resp: 6037
Ion Ratio Lower Upper
75 100
155 80.8 55.2 82.8
157 98.8 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 5.594 ug/L

RT: 13.212 min Scan# 3708

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 70108

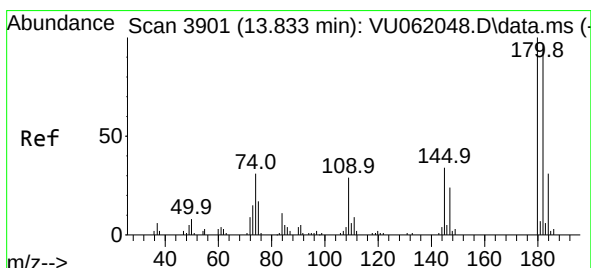
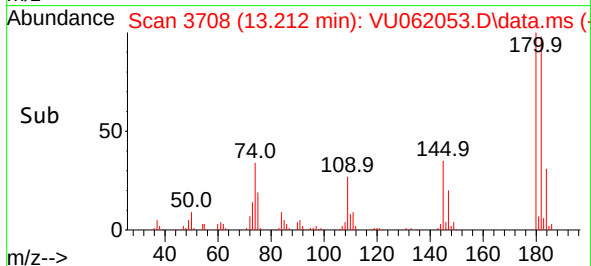
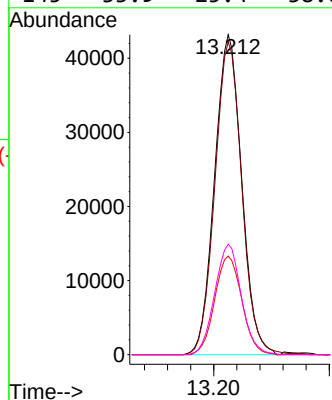
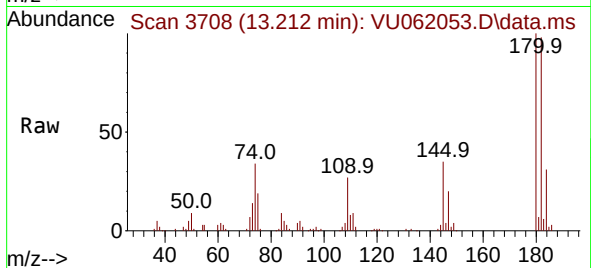
Ion Ratio Lower Upper

180 100

182 97.2 76.7 115.1

184 30.8 24.8 37.2

145 33.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.265 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062053.D

Acq: 27 Nov 2024 13:21

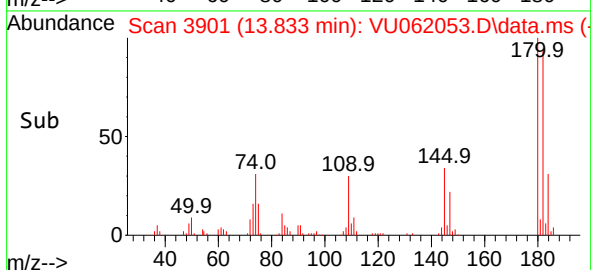
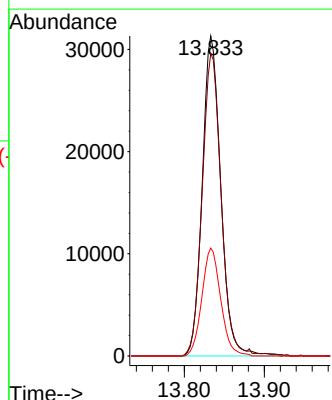
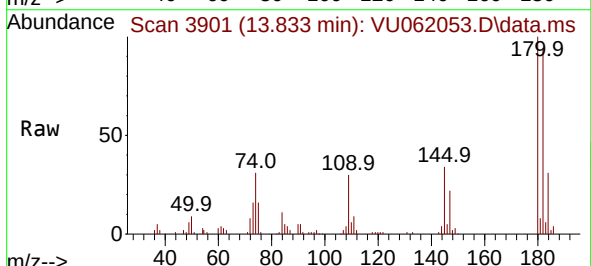
Tgt Ion:180 Resp: 50570

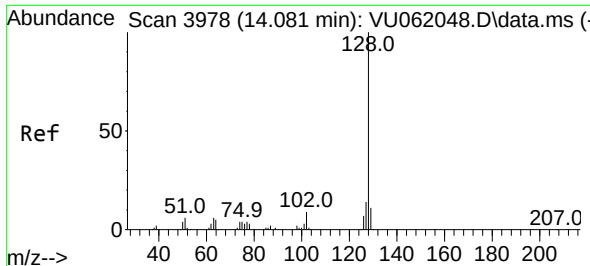
Ion Ratio Lower Upper

180 100

182 96.3 74.5 111.7

145 34.2 25.6 38.4

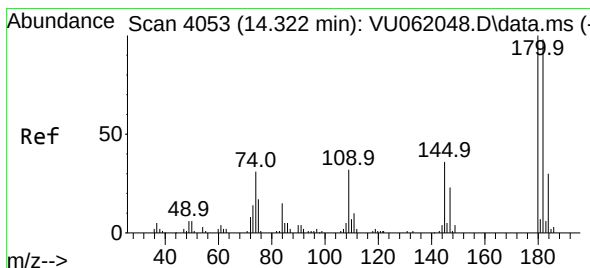
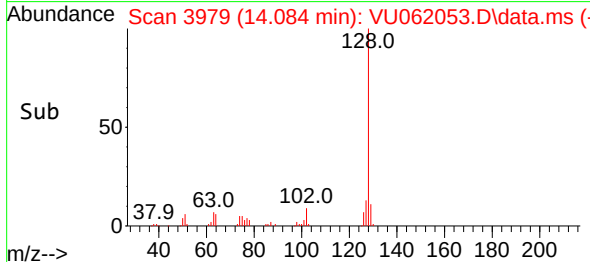
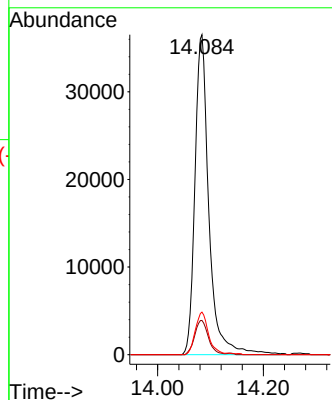
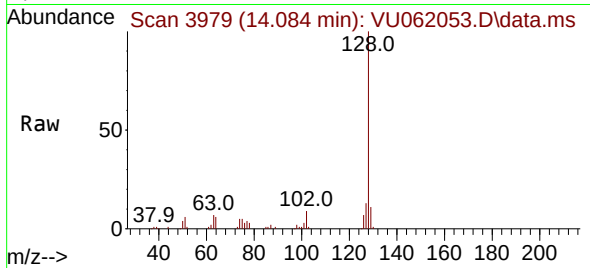




#71
Naphthalene
Concen: 4.325 ug/L
RT: 14.084 min Scan# 3978
Delta R.T. 0.003 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 66958
Ion Ratio Lower Upper
128 100
129 10.5 8.5 12.7
127 12.6 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.102 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU062053.D
Acq: 27 Nov 2024 13:21

Tgt Ion:180 Resp: 42209
Ion Ratio Lower Upper
180 100
182 95.1 76.1 114.1
145 35.4 27.4 41.0

