

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120724\
 Data File : VU062143.D
 Acq On : 06 Dec 2024 18:56
 Operator : MD/SY
 Sample : P5109-04MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJA2MS

Quant Time: Dec 06 23:17:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	107810	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	103285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52929	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	18266	3.454	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.000%
7) Chloroethane-d5	1.907	69	15263	3.263	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.200%
11) 1,1-Dichloroethene-d2	2.560	65	8485	4.016	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.400%
20) 2-Butanone-d5	4.621	46	68104	41.011	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.020%
24) Chloroform-d	5.052	84	61029	4.730	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.695	65	31528	4.748	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.718	84	94882	4.715	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.679	67	31277	4.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.888	98	83977	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.171	79	13540	5.349	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.000%
46) 2-Hexanone-d5	8.624	63	48404	41.893	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.780%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29436	4.308	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	38716	4.947	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	42619	4.518	ug/L	98
3) Chloromethane	1.515	50	33849	3.482	ug/L	98
5) Vinyl chloride	1.599	62	35044	3.508	ug/L	99
6) Bromomethane	1.853	94	23153	3.894	ug/L	96
8) Chloroethane	1.927	64	19026	2.954	ug/L	97
9) Trichlorofluoromethane	2.132	101	62783	4.969	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	31159	4.008	ug/L	92
12) 1,1-Dichloroethene	2.573	96	30696	4.246	ug/L	90
13) Acetone	2.637	43	44554	38.859	ug/L	92
14) Carbon disulfide	2.785	76	85167	3.703	ug/L	99
15) Methyl Acetate	2.952	43	9810	3.332	ug/L	91
16) Methylene chloride	3.036	84	34781	4.006	ug/L	92
17) Methyl tert-butyl Ether	3.354	73	82325	4.443	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	32332	4.230	ug/L	86
19) 1,1-Dichloroethane	3.859	63	61196	4.110	ug/L	99
21) 2-Butanone	4.701	43	65977	35.604	ug/L	92
22) cis-1,2-Dichloroethene	4.656	96	37431	4.352	ug/L	99
23) Bromochloromethane	4.965	128	16814	4.497	ug/L #	82
25) Chloroform	5.078	83	72499	4.658	ug/L	98

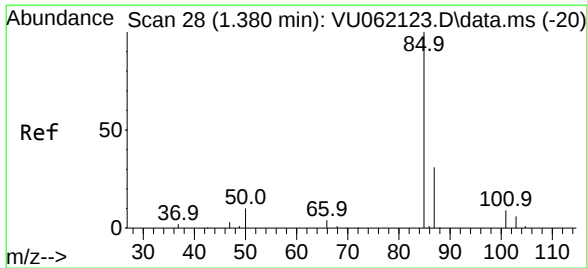
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43736	4.369	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	64825	5.445	ug/L	95
30) Cyclohexane	5.377	56	48334	3.882	ug/L	92
31) Carbon tetrachloride	5.515	117	58046	5.742	ug/L	98
33) Benzene	5.763	78	140394	4.501	ug/L	100
34) Trichloroethene	6.531	95	37441	4.497	ug/L	95
35) Methylcyclohexane	6.753	83	50584	3.972	ug/L	96
37) 1,2-Dichloropropane	6.779	63	35118	4.334	ug/L	99
38) Bromodichloromethane	7.094	83	48973	4.983	ug/L	100
39) cis-1,3-Dichloropropene	7.598	75	53585	4.716	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	168414	38.517	ug/L #	93
42) Toluene	7.959	91	152613	4.662	ug/L	96
44) trans-1,3-Dichloropropene	8.203	75	44357	4.916	ug/L	99
45) 1,1,2-Trichloroethane	8.389	97	27001	4.523	ug/L	98
47) Tetrachloroethene	8.544	164	28694	4.739	ug/L	96
48) 2-Hexanone	8.676	43	126953	38.769	ug/L #	96
49) Dibromochloromethane	8.801	129	31821	5.046	ug/L	91
50) 1,2-Dibromoethane	8.914	107	25616	4.323	ug/L #	100
51) Chlorobenzene	9.438	112	96876	4.321	ug/L	97
52) Ethylbenzene	9.560	91	166904	4.261	ug/L	98
53) m,p-Xylene	9.685	106	62691	4.535	ug/L	99
54) o-Xylene	10.090	106	61442	4.404	ug/L	98
55) Styrene	10.106	104	97382	4.237	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	31841	4.162	ug/L	97
59) Bromoform	10.280	173	19109	4.856	ug/L	98
60) Isopropylbenzene	10.476	105	165556	4.012	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	22229	3.633	ug/L	96
62) 1,3,5-Trimethylbenzene	11.077	105	135694	4.122	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	133316	4.062	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	74992	4.093	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	73517	4.146	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	70042	4.396	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	5064	4.849	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	50539	4.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39654	4.746	ug/L	99
71) Naphthalene	14.081	128	54787	4.068	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	34056	4.733	ug/L	99

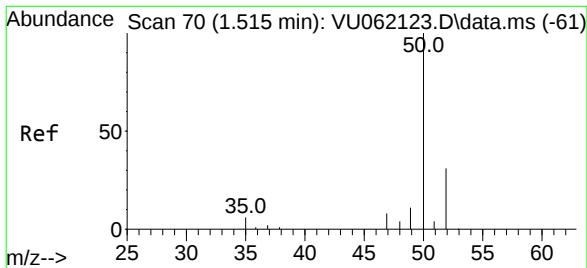
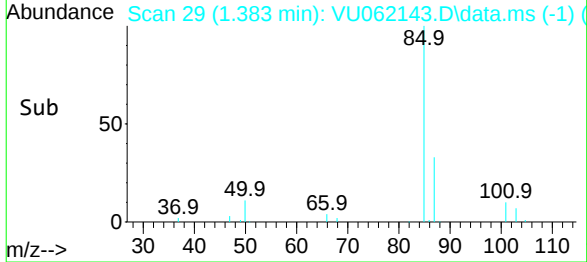
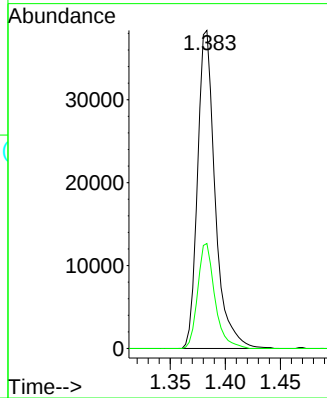
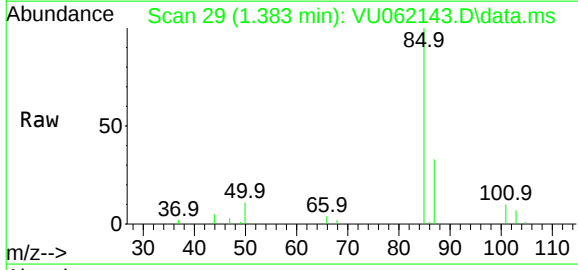
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#2
 Dichlorodifluoromethane
 Concen: 4.518 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

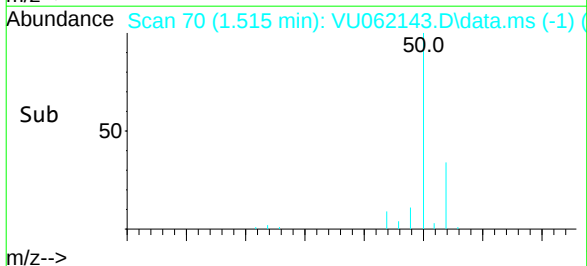
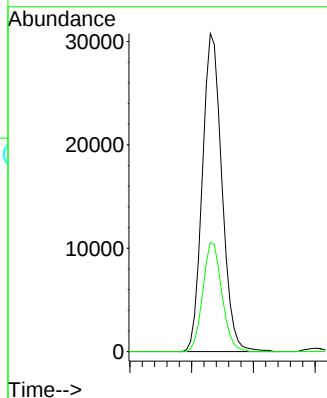
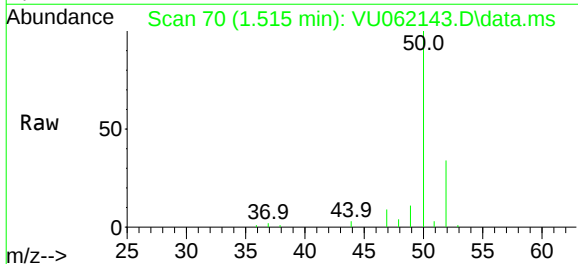
Instrument :
 MSVOA_U
 ClientSampleId :
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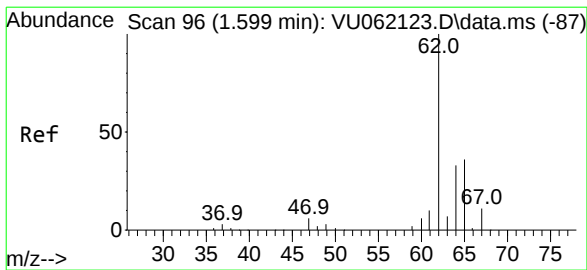
Tgt Ion: 85 Resp: 42619
 Ion Ratio Lower Upper
 85 100
 87 32.2 26.6 40.0



#3
 Chloromethane
 Concen: 3.482 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Tgt Ion: 50 Resp: 33849
 Ion Ratio Lower Upper
 50 100
 52 34.3 23.1 42.9





#5

Vinyl chloride

Concen: 3.508 ug/L

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

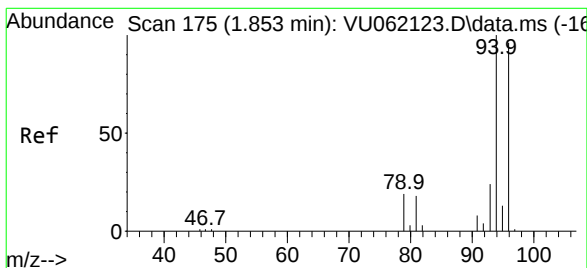
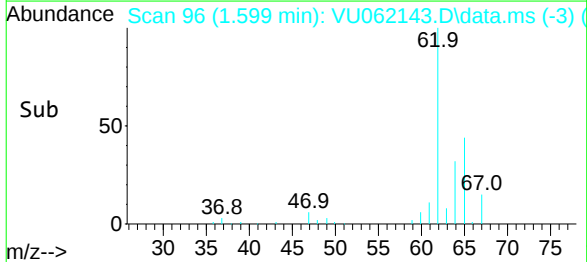
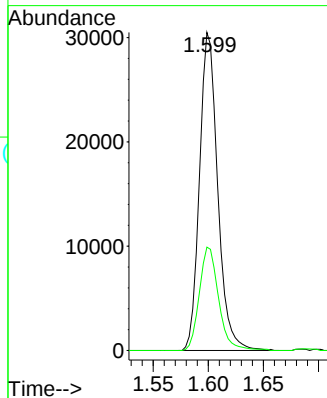
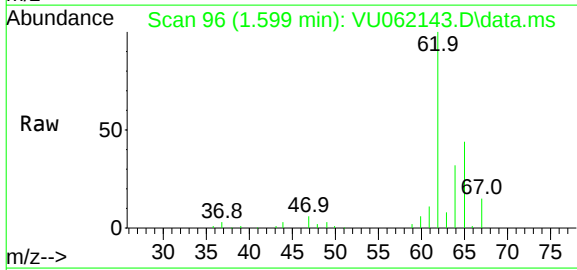
BHJA2MS

Tgt Ion: 62 Resp: 35044

Ion Ratio Lower Upper

62 100

64 32.5 23.1 42.9



#6

Bromomethane

Concen: 3.894 ug/L

RT: 1.853 min Scan# 175

Delta R.T. -0.000 min

Lab File: VU062143.D

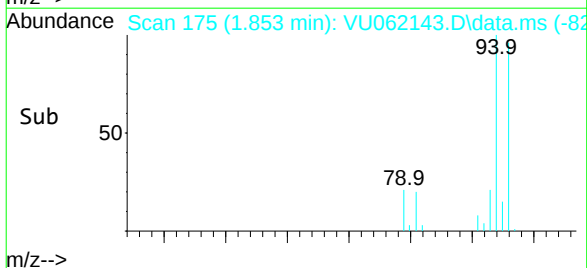
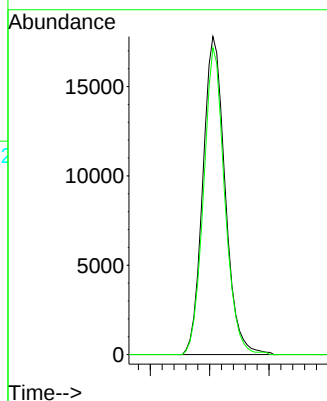
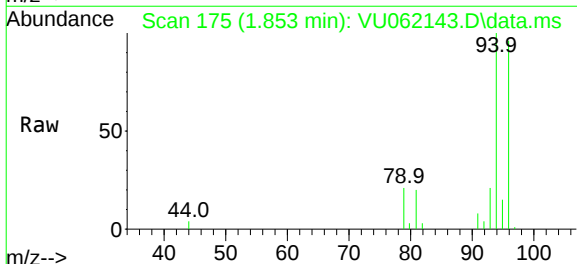
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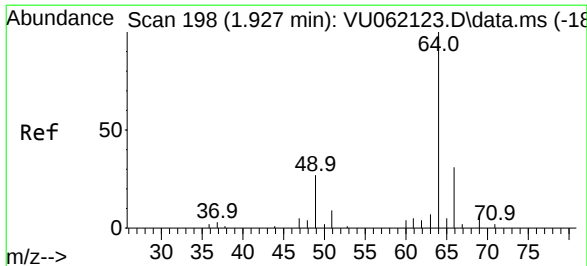
Tgt Ion: 94 Resp: 23153

Ion Ratio Lower Upper

94 100

96 96.4 64.5 119.9

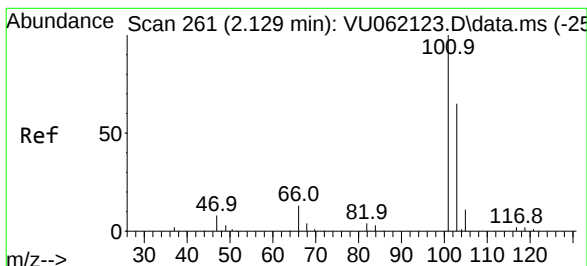
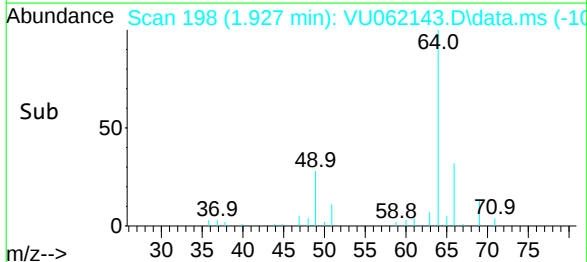
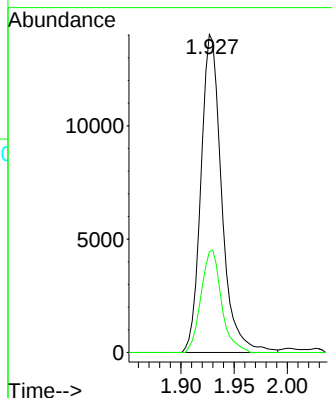
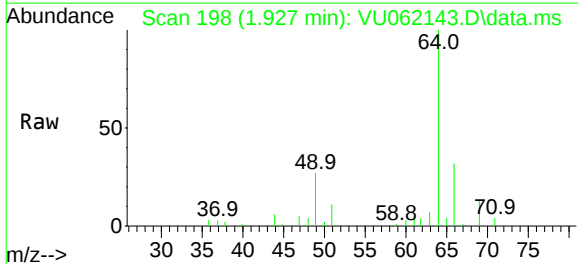




#8
Chloroethane
Concen: 2.954 ug/L
RT: 1.927 min Scan# 19
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

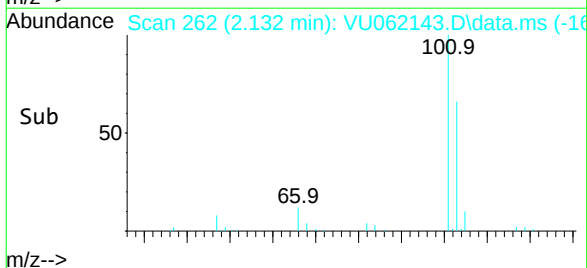
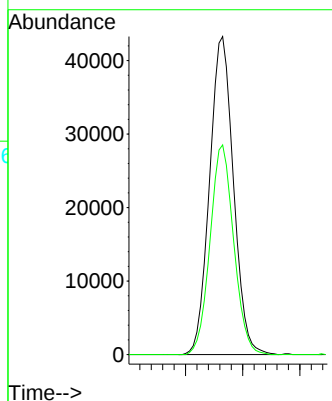
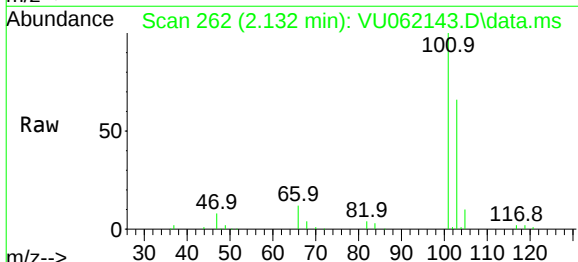
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ClientSampleId :
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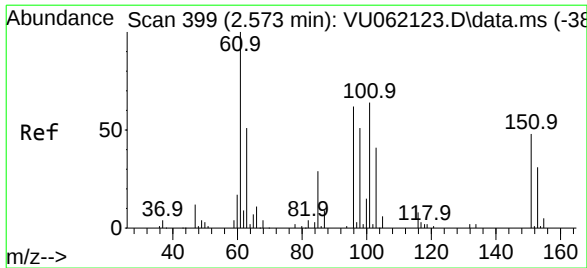
Tgt Ion: 64 Resp: 19026
Ion Ratio Lower Upper
64 100
66 31.7 23.2 43.2



#9
Trichlorofluoromethane
Concen: 4.969 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 101 Resp: 62783
Ion Ratio Lower Upper
101 100
103 65.3 50.6 75.8

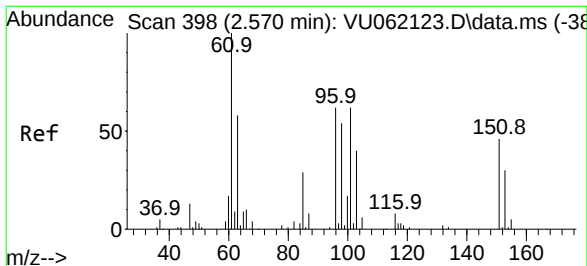
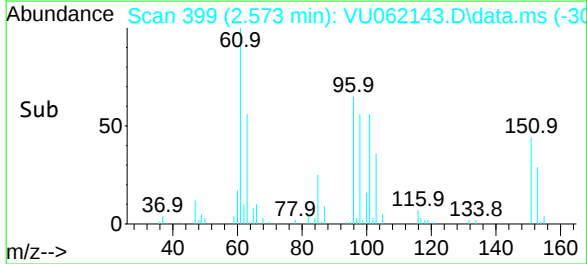
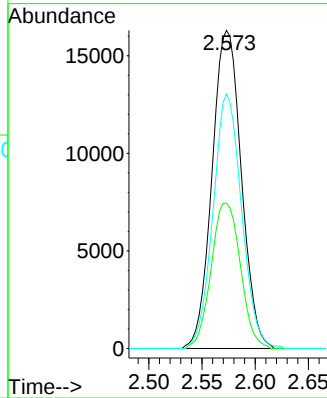
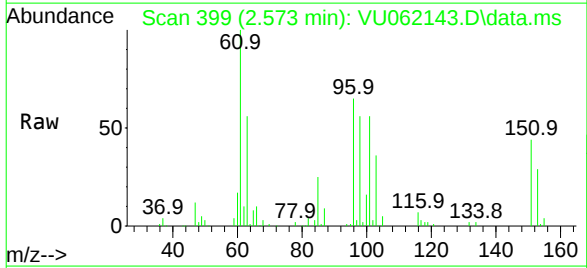




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.008 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

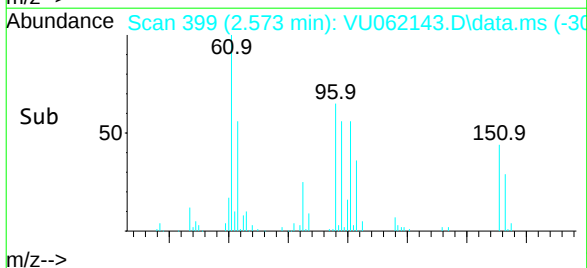
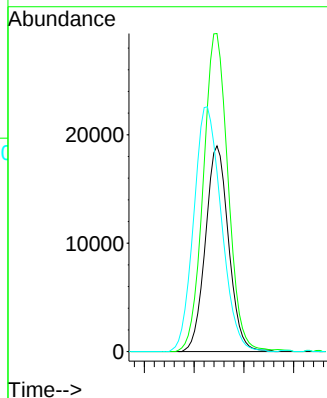
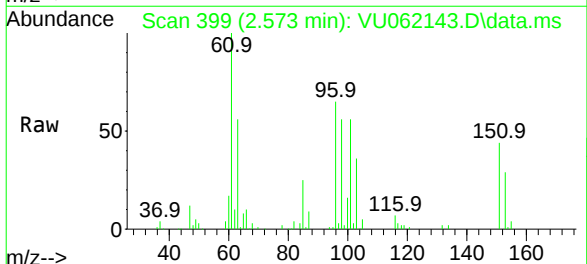
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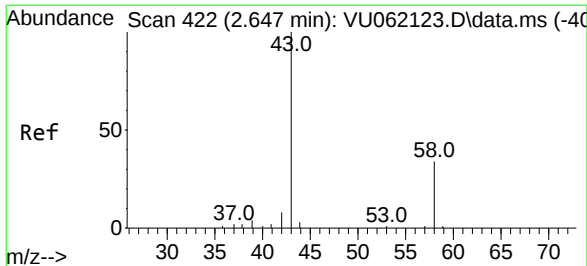
Tgt Ion: 101 Resp: 31159
Ion Ratio Lower Upper
101 100
85 45.7 38.0 57.0
151 78.3 55.3 82.9



#12
1,1-Dichloroethene
Concen: 4.246 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 96 Resp: 30696
Ion Ratio Lower Upper
96 100
61 154.6 119.6 222.2
63 87.3 65.0 120.6





#13

Acetone

Concen: 38.859 ug/L

RT: 2.637 min Scan# 419

Delta R.T. -0.010 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

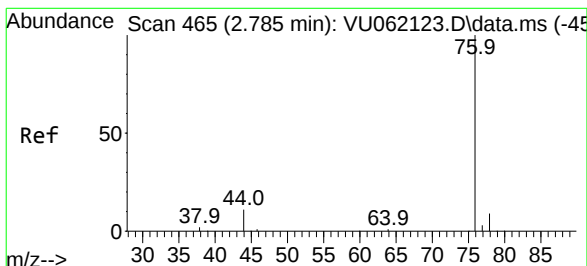
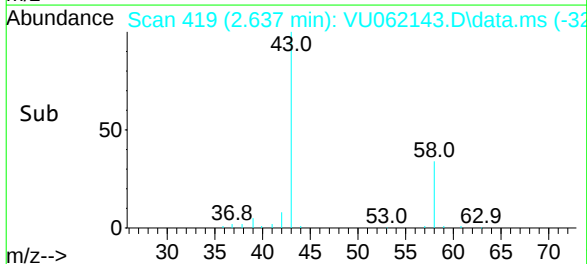
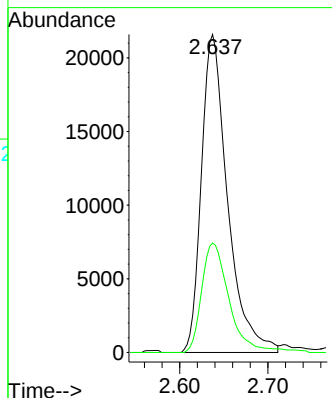
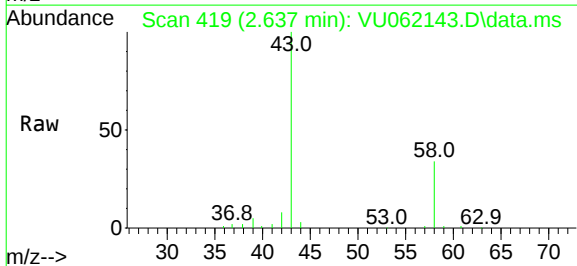
BHJA2MS

Tgt Ion: 43 Resp: 44554

Ion Ratio Lower Upper

43 100

58 36.3 0.0 64.0



#14

Carbon disulfide

Concen: 3.703 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.000 min

Lab File: VU062143.D

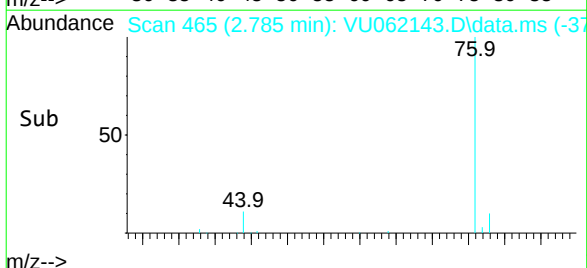
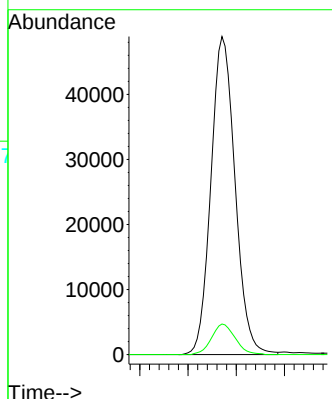
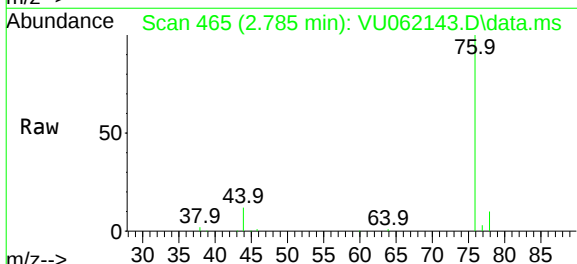
Acq: 06 Dec 2024 18:56

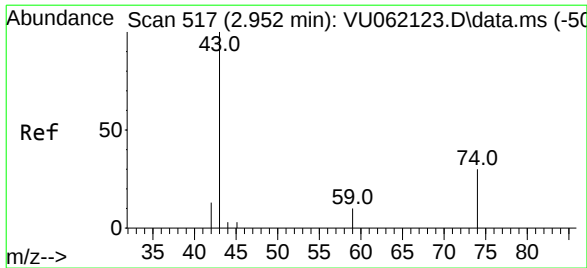
Tgt Ion: 76 Resp: 85167

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

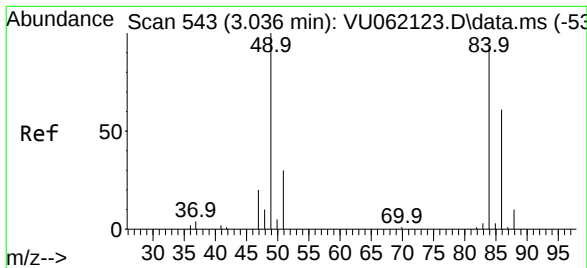
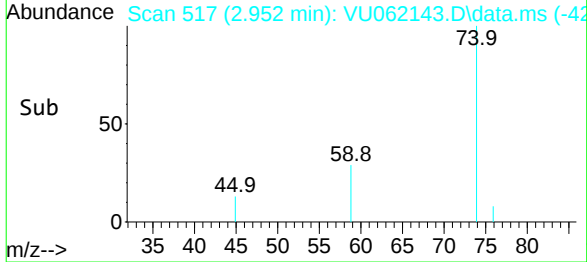
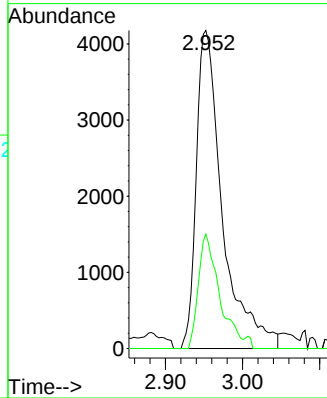
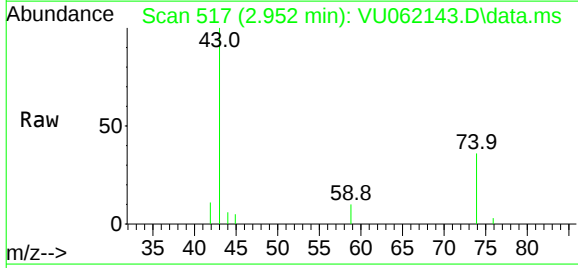




#15
Methyl Acetate
Concen: 3.332 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

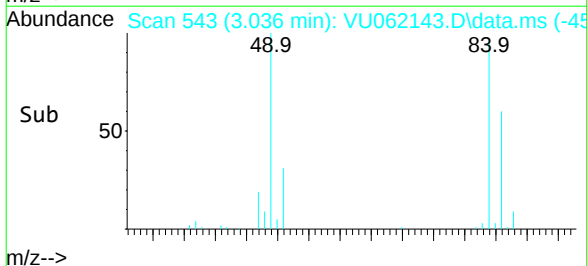
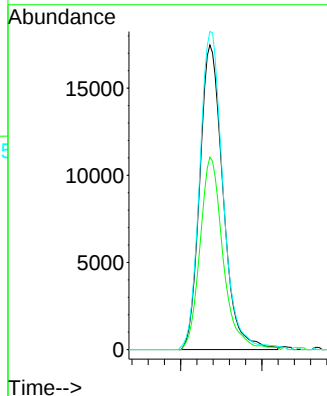
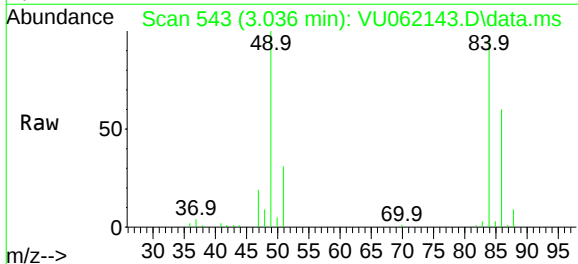
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

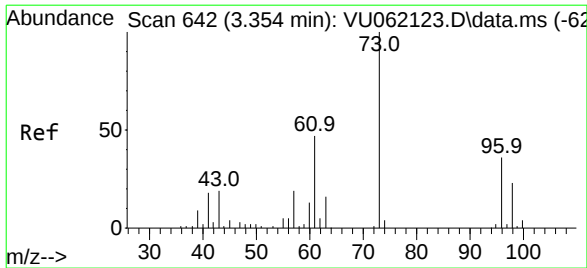
Tgt Ion: 43 Resp: 9810
Ion Ratio Lower Upper
43 100
74 28.8 19.4 29.2



#16
Methylene chloride
Concen: 4.006 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 84 Resp: 34781
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.7
49 104.4 81.9 152.1

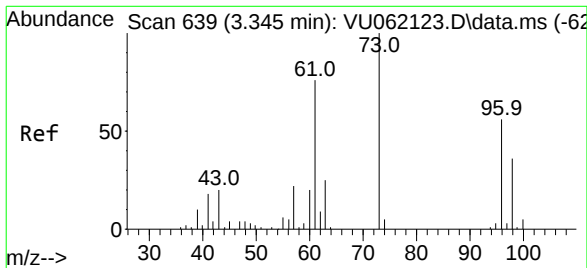
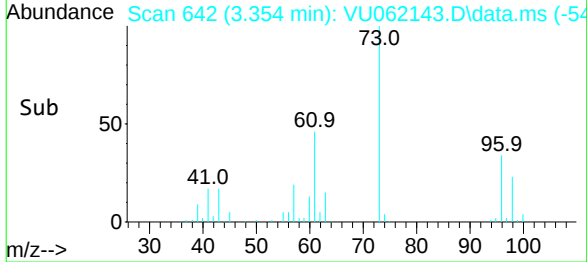
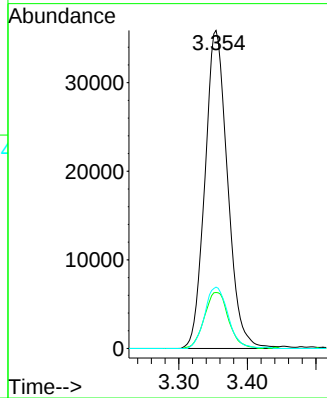
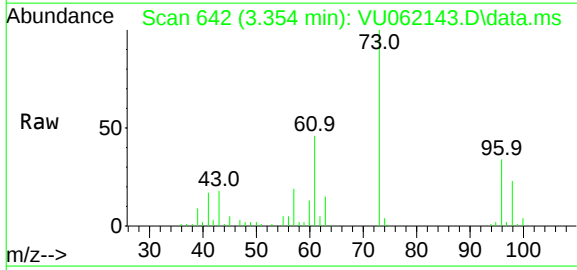




#17
Methyl tert-butyl Ether
Concen: 4.443 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

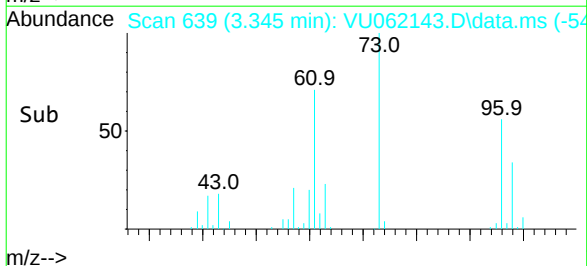
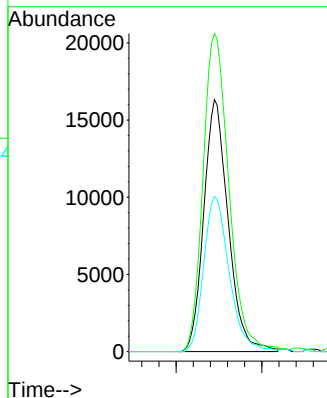
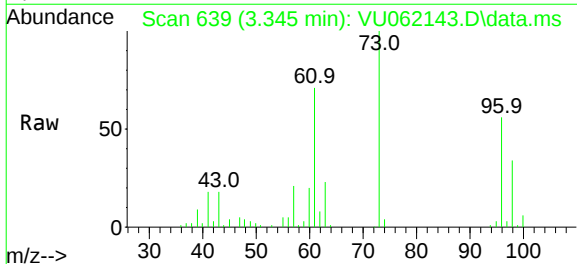
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

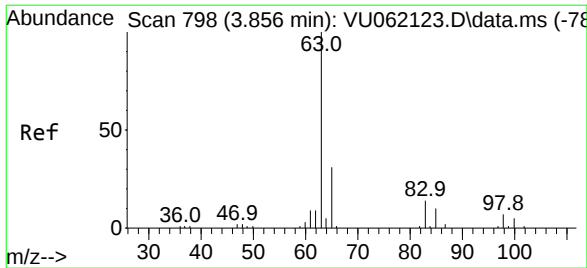
Tgt Ion: 73	Resp: 82325
Ion Ratio	Lower Upper
73 100	
43 18.8	16.3 24.5
57 20.0	17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.230 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 96	Resp: 32332
Ion Ratio	Lower Upper
96 100	
61 126.2	104.2 193.4
98 61.6	45.7 84.9

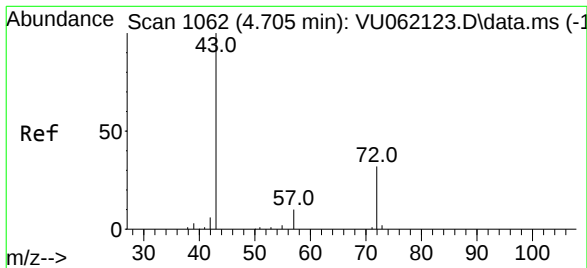
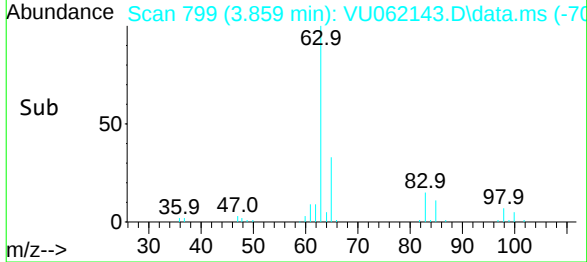
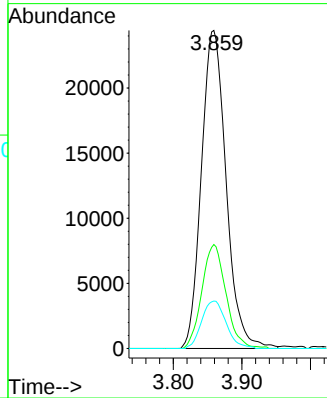
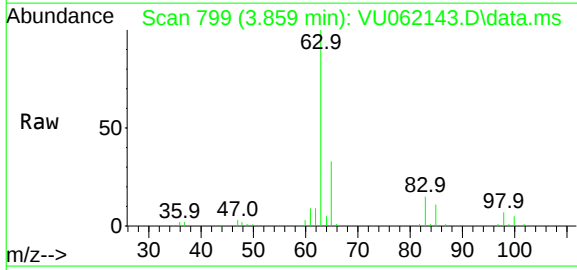




#19
1,1-Dichloroethane
Concen: 4.110 ug/L
RT: 3.859 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

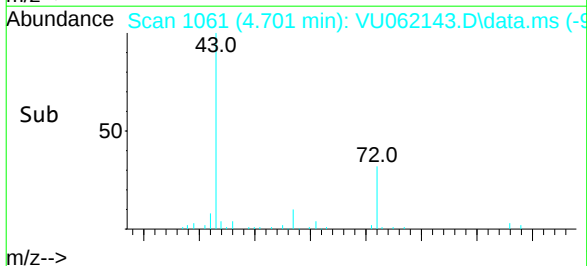
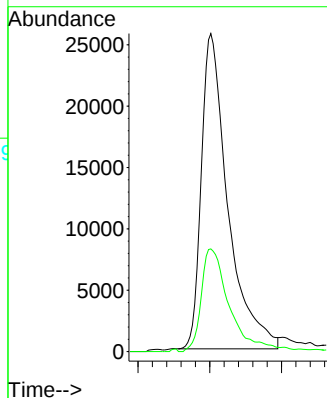
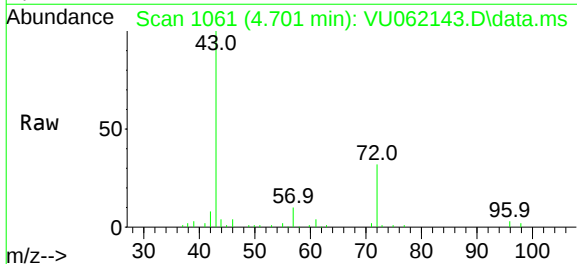
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

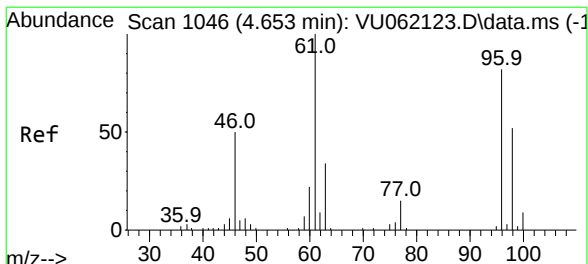
Tgt Ion:	63	Resp:	61196
Ion	Ratio	Lower	Upper
63	100		
65	32.7	22.7	42.3
83	14.9	9.9	18.3



#21
2-Butanone
Concen: 35.604 ug/L
RT: 4.701 min Scan# 1061
Delta R.T. -0.007 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

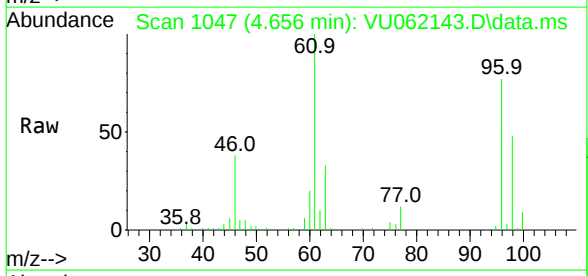
Tgt Ion:	43	Resp:	65977
Ion	Ratio	Lower	Upper
43	100		
72	34.2	14.8	44.4



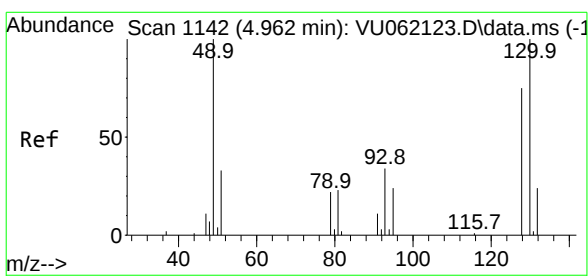
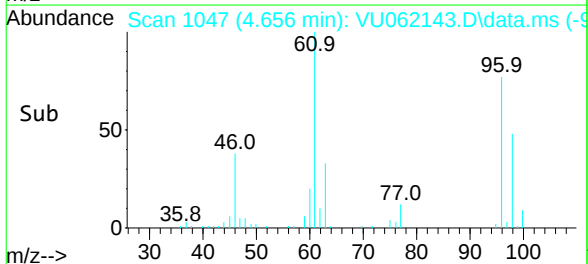
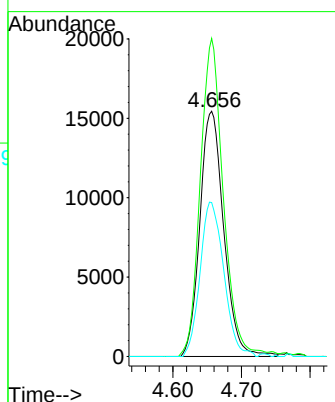


#22
 cis-1,2-Dichloroethene
 Concen: 4.352 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJA2MS

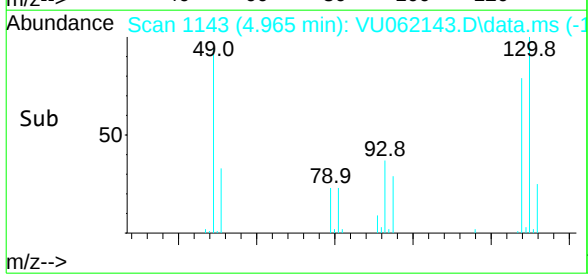
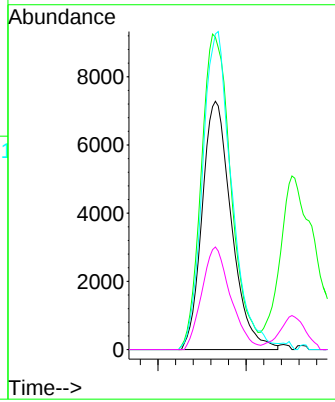
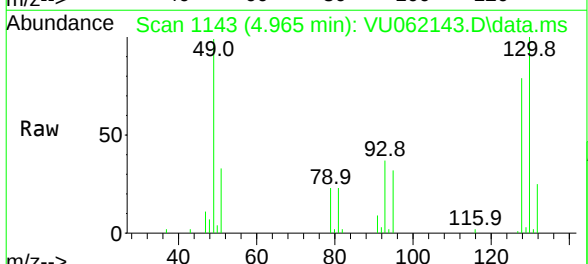


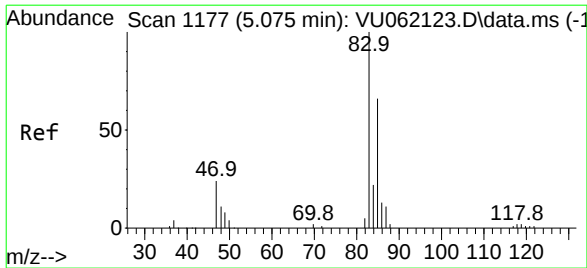
Tgt Ion:	96	Resp:	37431
Ion	Ratio	Lower	Upper
96	100		
61	129.7	92.0	170.8
98	62.8	44.5	82.7



#23
 Bromochloromethane
 Concen: 4.497 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Tgt Ion:	128	Resp:	16814
Ion	Ratio	Lower	Upper
128	100		
49	125.8	115.3	214.1
130	127.1	92.0	170.8
51	41.3	44.7	67.1

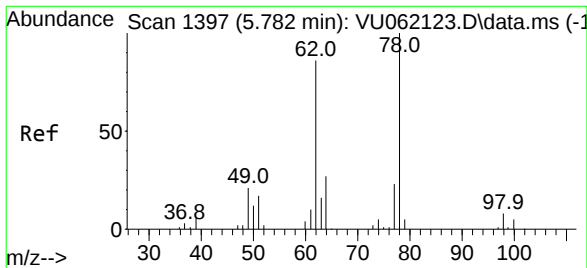
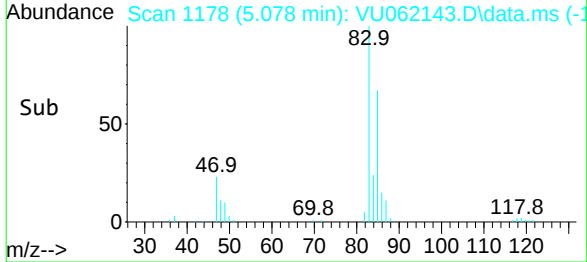
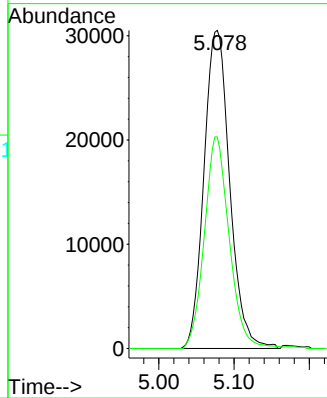
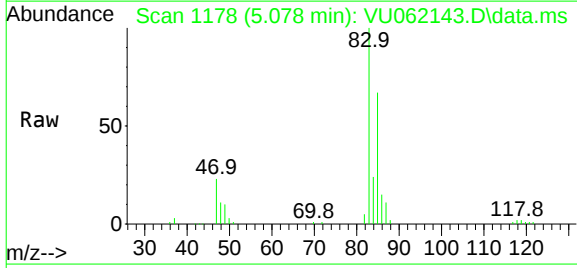




#25
Chloroform
Concen: 4.658 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

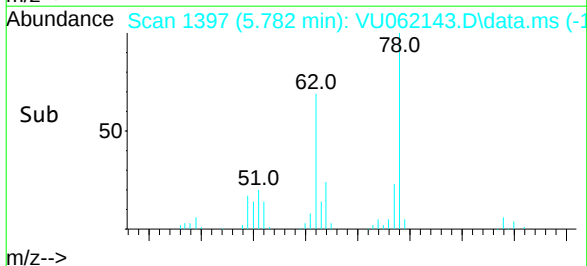
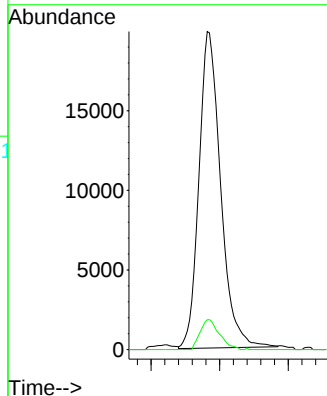
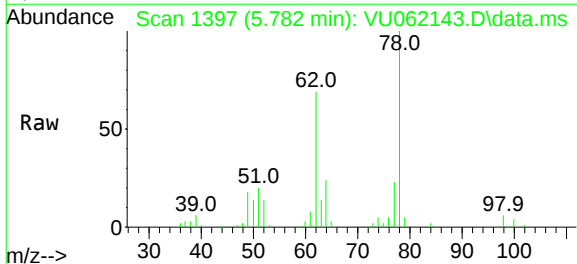
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

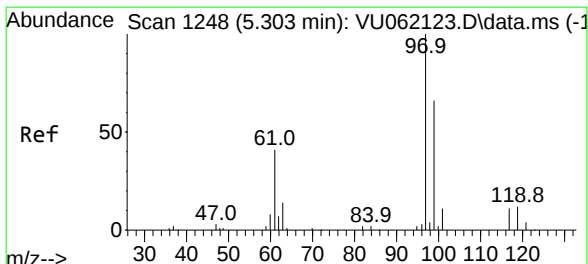
Tgt Ion: 83 Resp: 72499
Ion Ratio Lower Upper
83 100
85 66.5 45.4 84.2



#27
1,2-Dichloroethane
Concen: 4.369 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

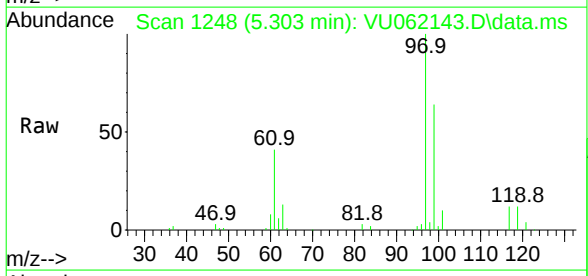
Tgt Ion: 62 Resp: 43736
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.0



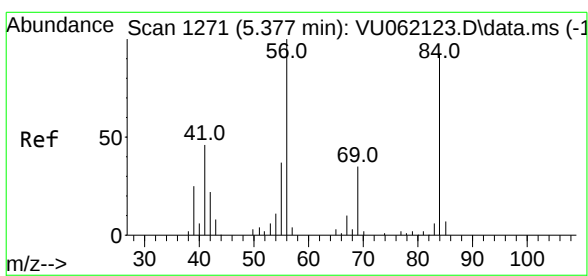
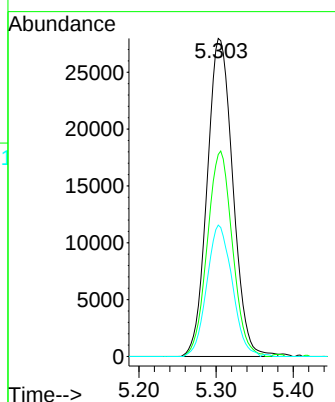
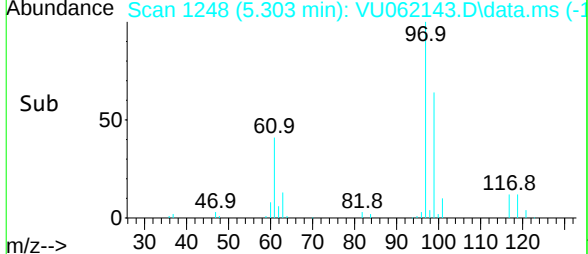


#29
 1,1,1-Trichloroethane
 Concen: 5.445 ug/L
 RT: 5.303 min Scan# 1248
 Delta R.T. -0.003 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

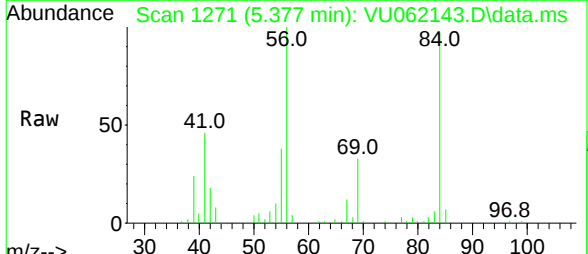
Instrument : MSVOA_U
 ClientSampleId : BHJA2MS



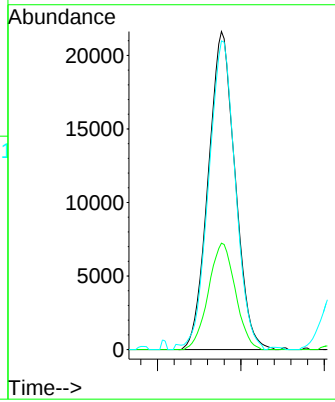
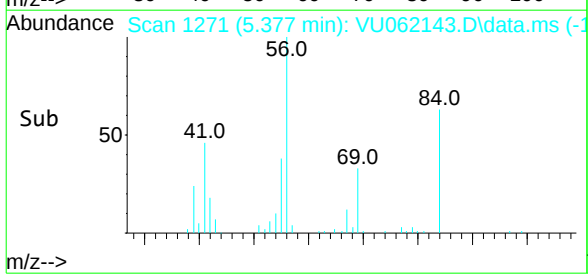
Tgt Ion:	97	Resp:	64825
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	40.7	37.8	56.6

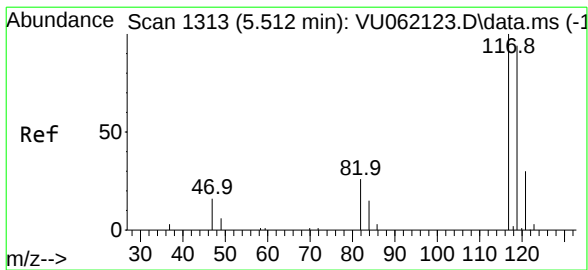


#30
 Cyclohexane
 Concen: 3.882 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56



Tgt Ion:	56	Resp:	48334
Ion	Ratio	Lower	Upper
56	100		
69	33.5	25.1	37.7
84	96.7	70.6	105.8

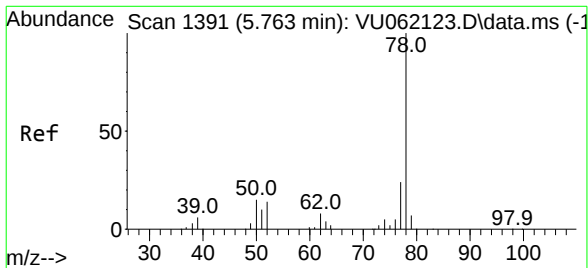
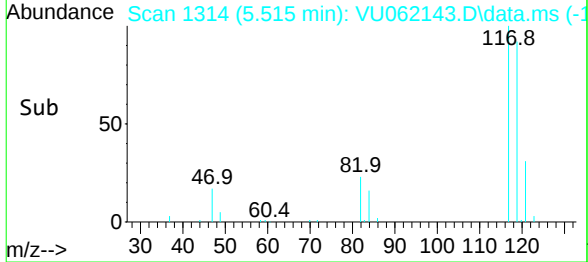
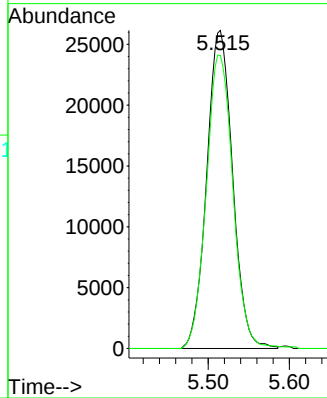
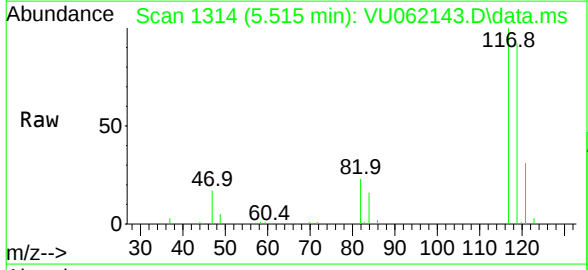




#31
Carbon tetrachloride
Concen: 5.742 ug/L
RT: 5.515 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

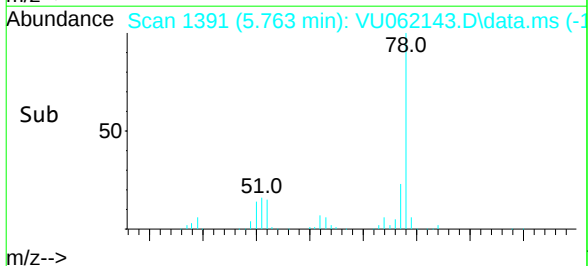
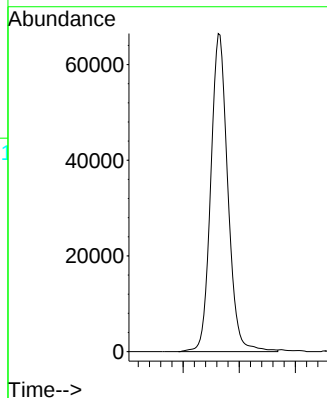
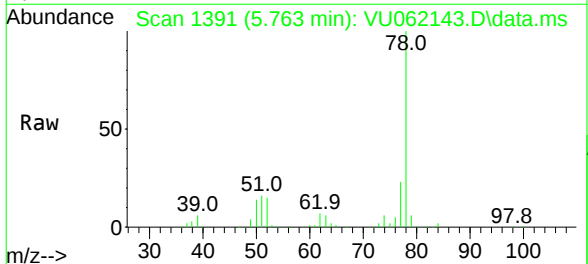
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

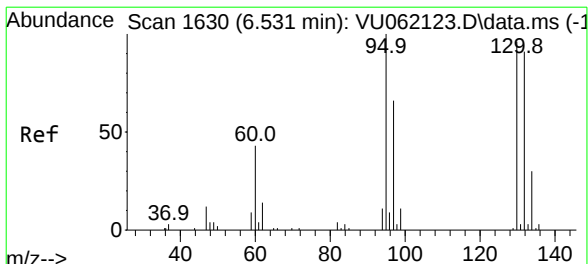
Tgt Ion:117 Resp: 58046
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 4.501 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

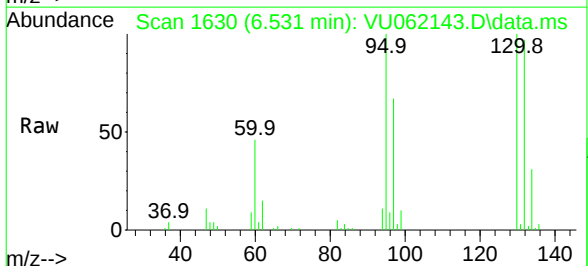
Tgt Ion: 78 Resp: 140394



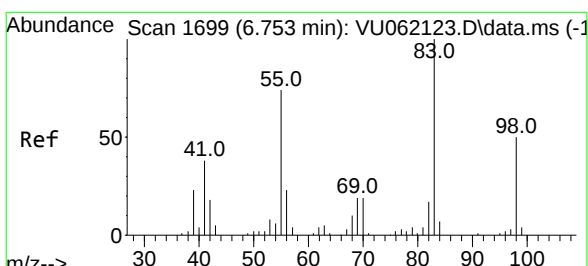
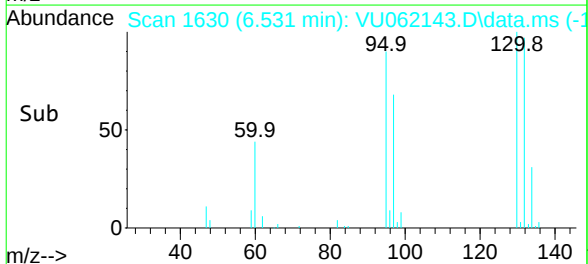
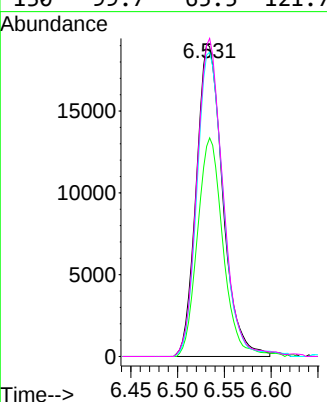


#34
 Trichloroethene
 Concen: 4.497 ug/L
 RT: 6.531 min Scan# 1630
 Delta R.T. -0.003 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Instrument : MSVOA_U
 ClientSampleId : BHJA2MS

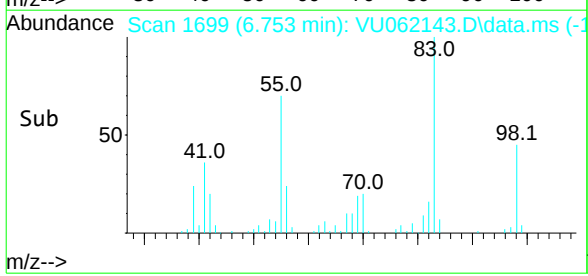
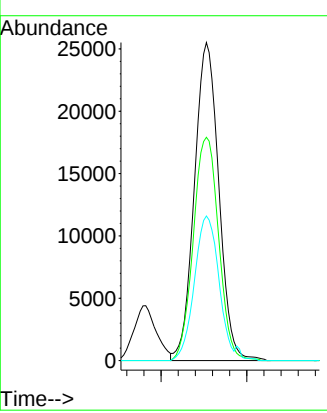
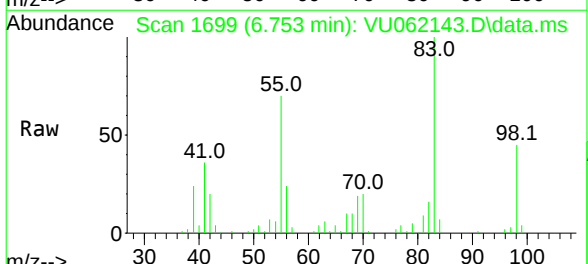


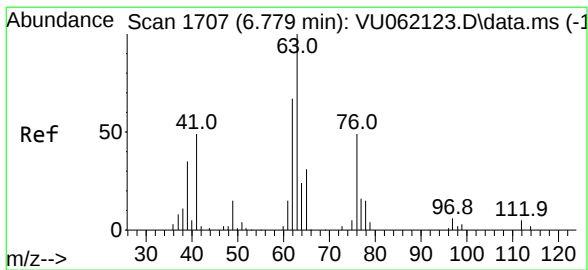
Tgt Ion:	95	Resp:	37441
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.9	85.3
132	96.5	63.8	118.4
130	99.7	65.5	121.7



#35
 Methylcyclohexane
 Concen: 3.972 ug/L
 RT: 6.753 min Scan# 1699
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Tgt Ion:	83	Resp:	50584
Ion	Ratio	Lower	Upper
83	100		
55	72.6	60.7	91.1
98	46.5	34.8	52.2

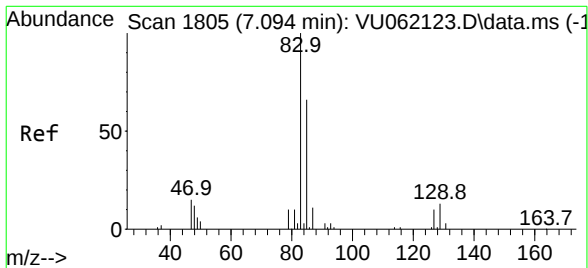
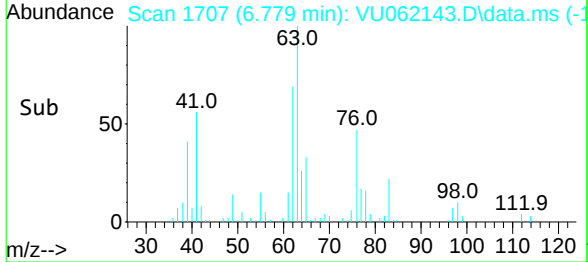
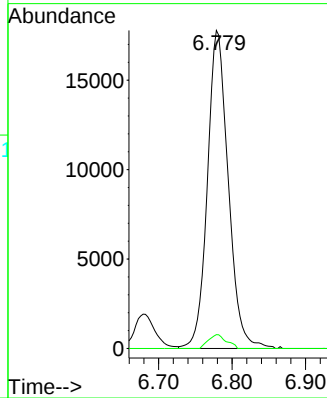
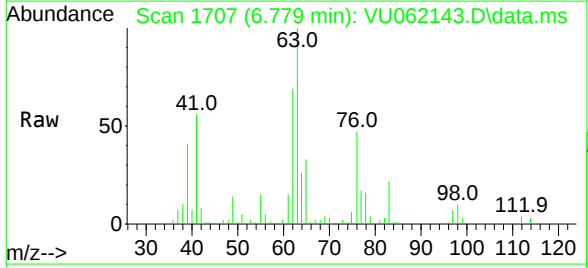




#37
1,2-Dichloropropane
Concen: 4.334 ug/L
RT: 6.779 min Scan# 1707
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

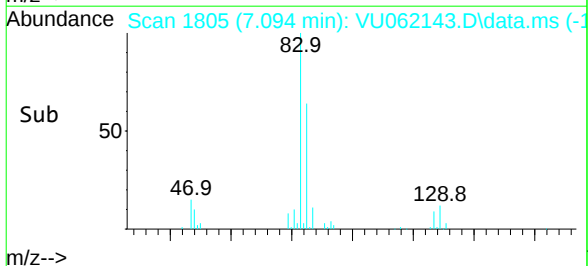
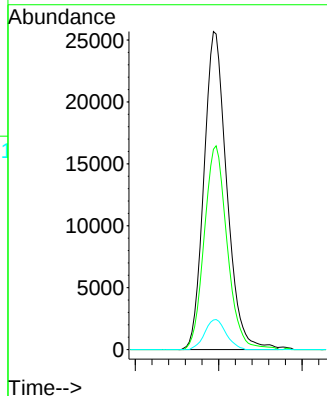
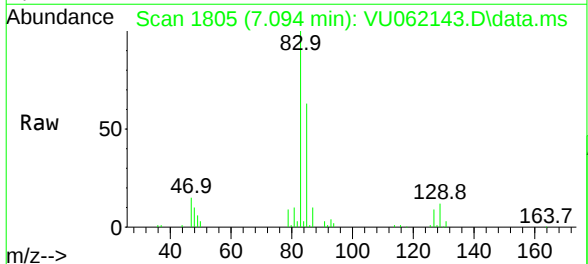
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

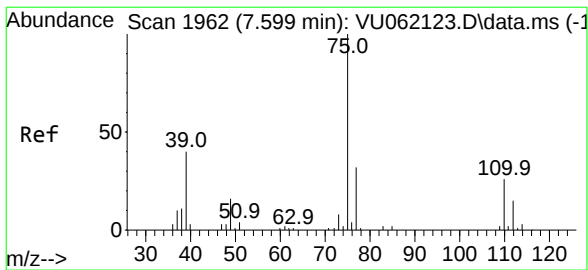
Tgt Ion: 63 Resp: 35118
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#38
Bromodichloromethane
Concen: 4.983 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 83 Resp: 48973
Ion Ratio Lower Upper
83 100
85 63.0 44.1 81.9
127 9.3 6.9 10.3



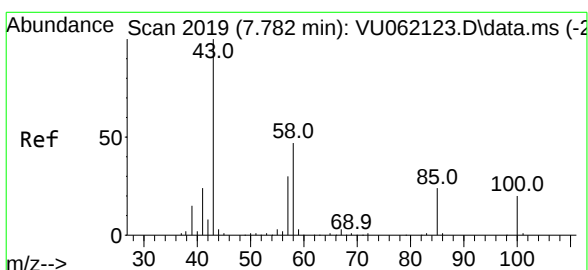
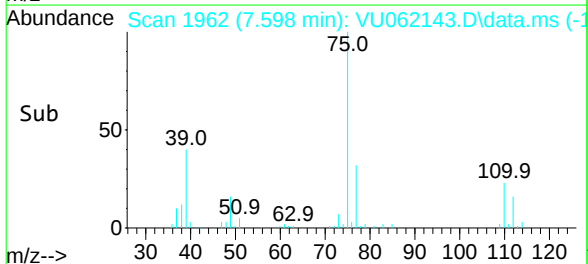
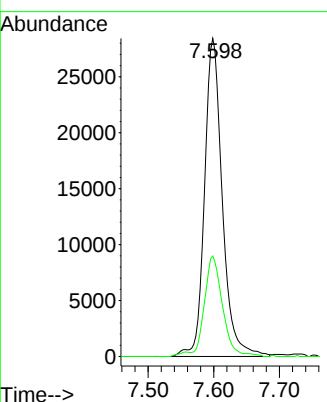
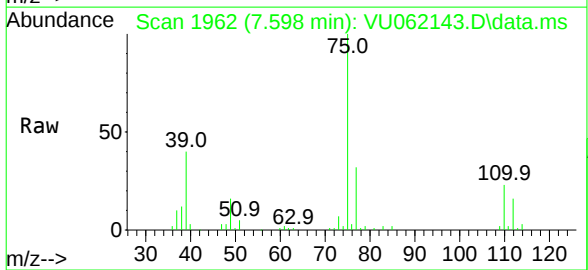


#39
 cis-1,3-Dichloropropene
 Concen: 4.716 ug/L
 RT: 7.598 min Scan# 1962
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Instrument :
 MSVOA_U
 ClientSampleId :
 BHJA2MS

Tgt Ion: 75 Resp: 53585

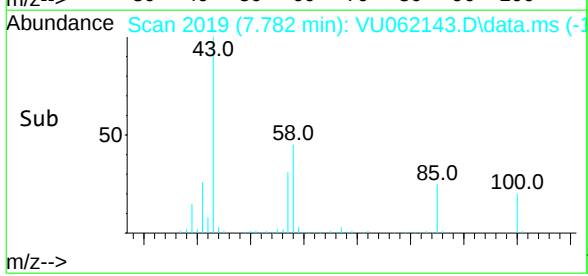
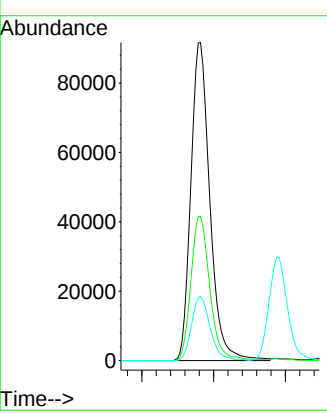
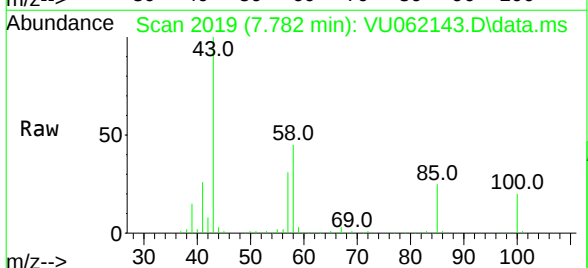
Ion	Ratio	Lower	Upper
75	100		
77	31.6	22.3	41.3

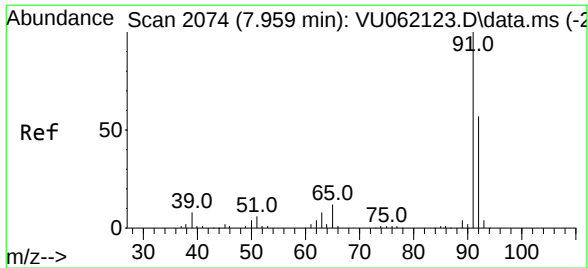


#40
 4-Methyl-2-pentanone
 Concen: 38.517 ug/L
 RT: 7.782 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Tgt Ion: 43 Resp: 168414

Ion	Ratio	Lower	Upper
43	100		
58	45.1	33.3	49.9
100	19.8	12.4	18.6





#42

Toluene

Concen: 4.662 ug/L

RT: 7.959 min Scan# 2074

Delta R.T. -0.003 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

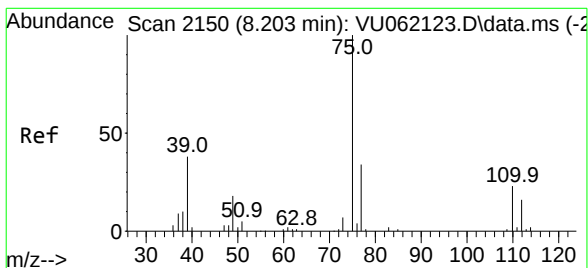
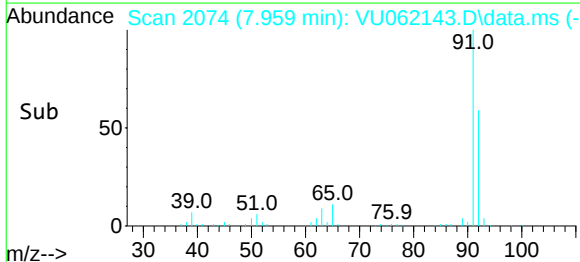
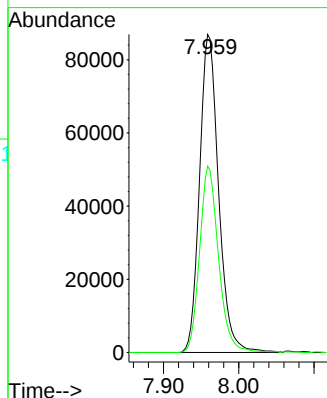
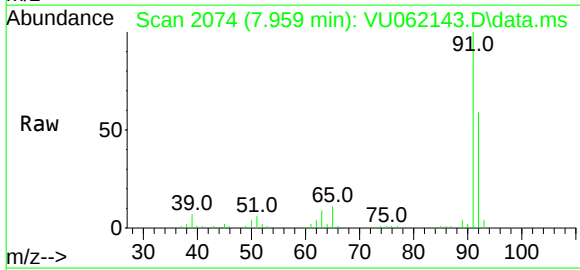
BHJA2MS

Tgt Ion: 91 Resp: 152613

Ion Ratio Lower Upper

91 100

92 58.6 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 4.916 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.000 min

Lab File: VU062143.D

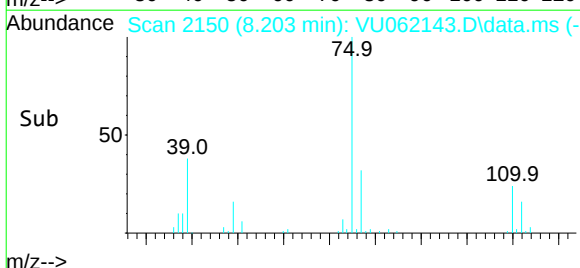
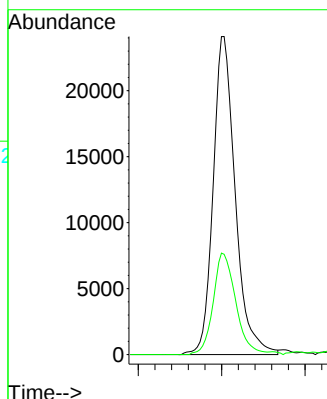
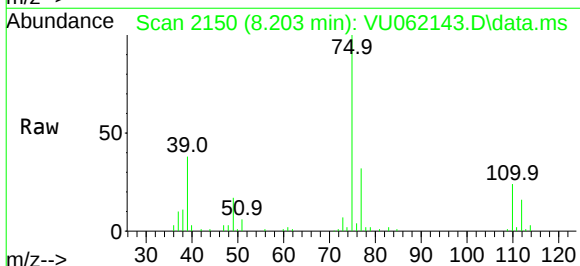
Acq: 06 Dec 2024 18:56

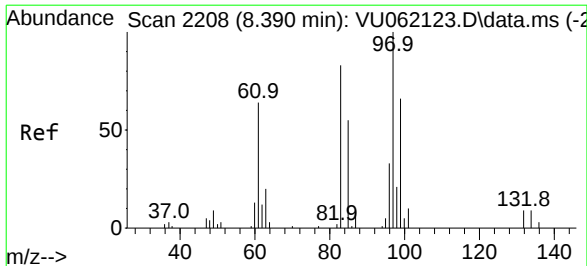
Tgt Ion: 75 Resp: 44357

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4

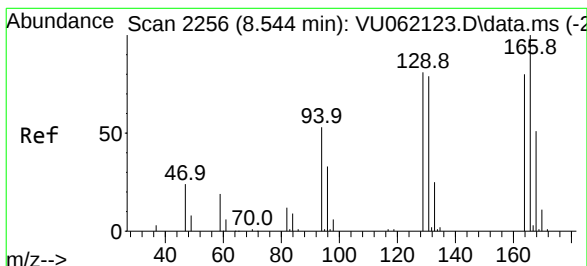
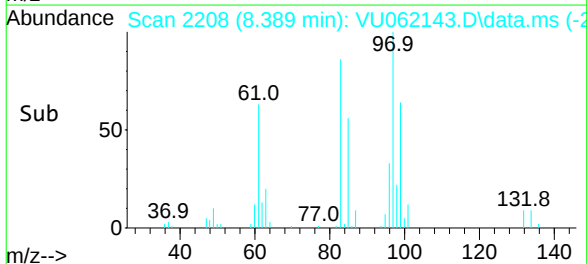
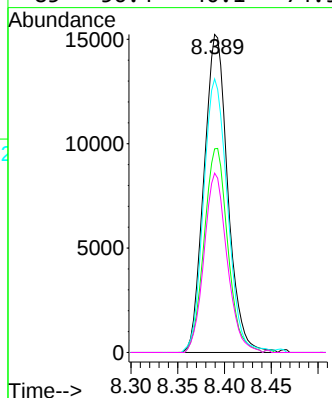
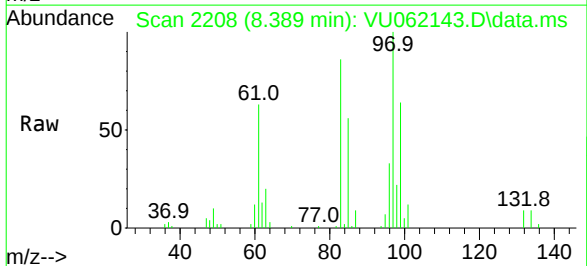




#45
1,1,2-Trichloroethane
Concen: 4.523 ug/L
RT: 8.389 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

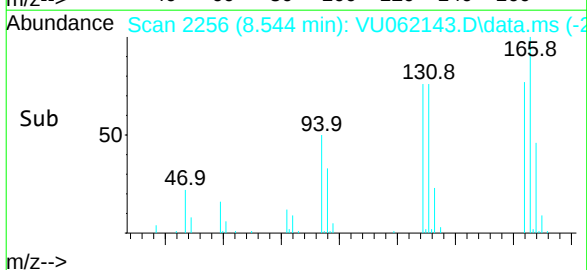
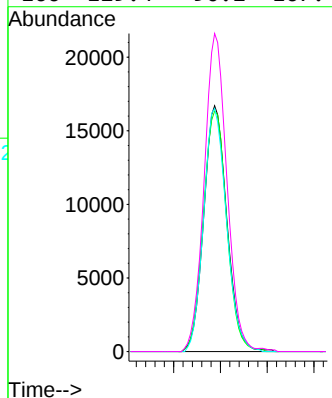
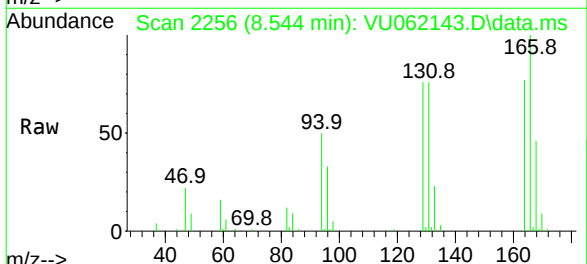
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

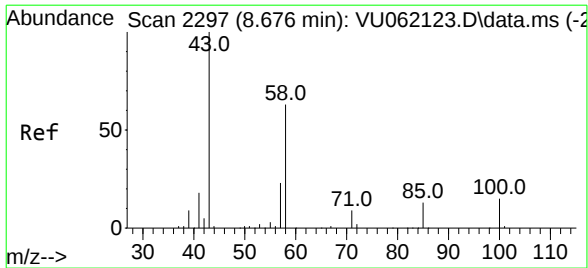
Tgt Ion:	97	Resp:	27001
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.0	79.8
83	86.0	61.7	114.5
85	56.4	40.1	74.5



#47
Tetrachloroethene
Concen: 4.739 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:	164	Resp:	28694
Ion	Ratio	Lower	Upper
164	100		
129	97.8	73.2	136.0
131	98.9	72.3	134.3
166	129.4	90.2	167.4

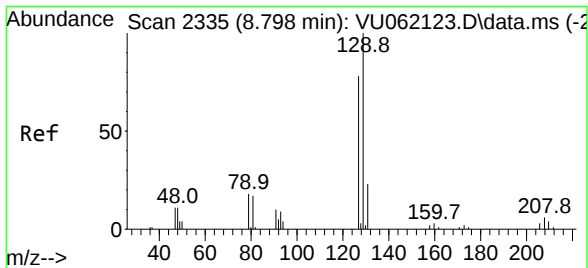
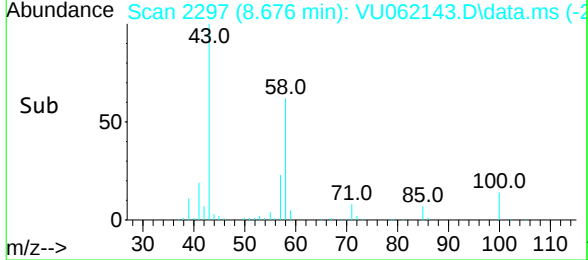
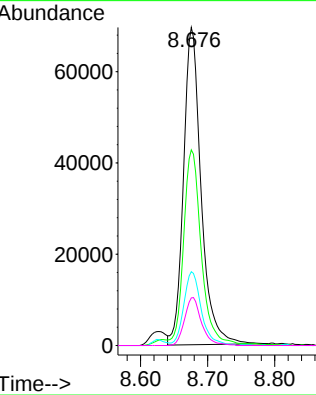
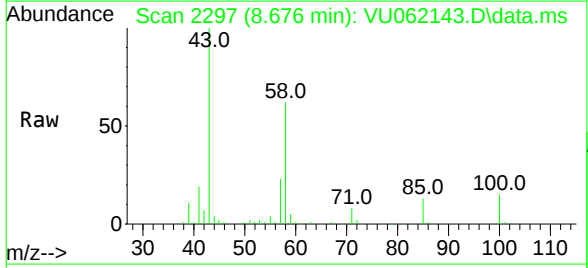




#48
2-Hexanone
Concen: 38.769 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

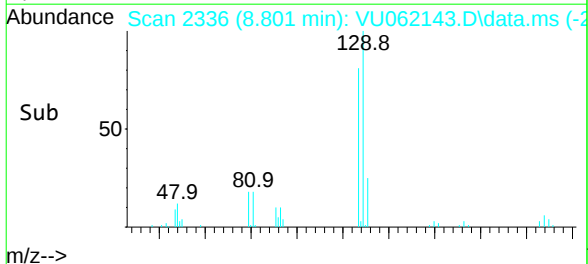
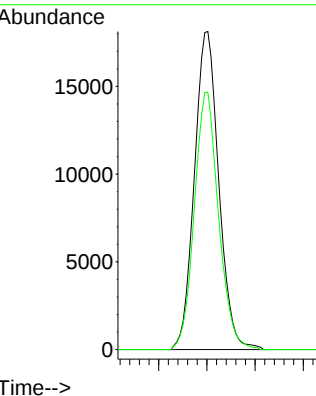
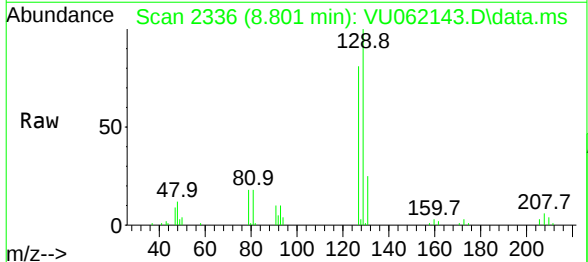
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

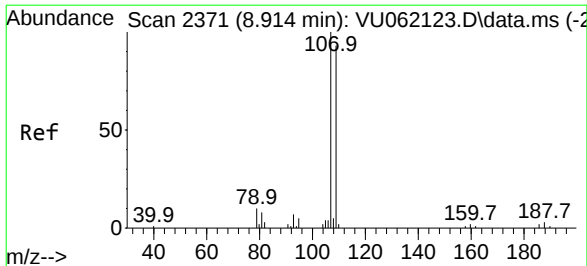
Tgt Ion:	43	Resp:	126953
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.5	71.3
57	23.2	15.6	23.4
100	14.5	9.2	13.8



#49
Dibromochloromethane
Concen: 5.046 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:	129	Resp:	31821
Ion	Ratio	Lower	Upper
129	100		
127	80.9	51.1	94.9

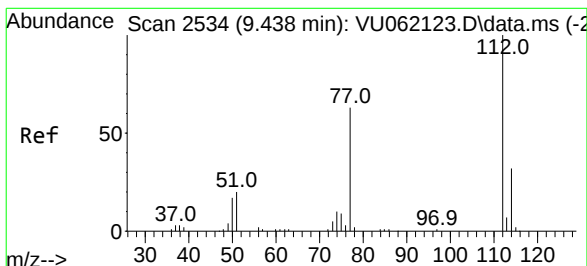
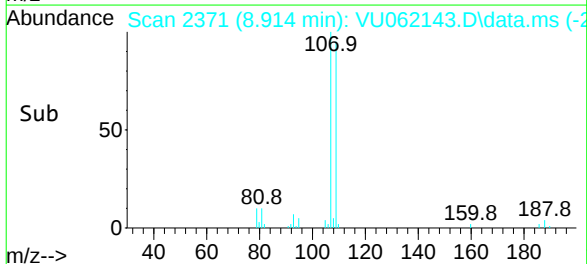
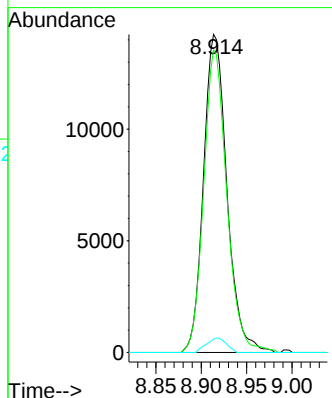
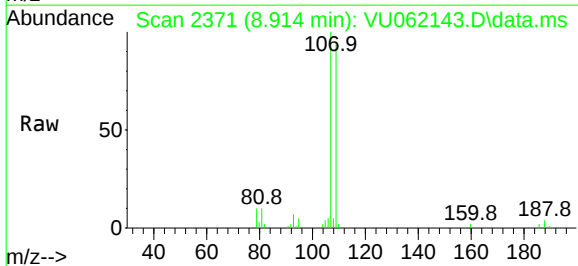




#50
1,2-Dibromoethane
Concen: 4.323 ug/L
RT: 8.914 min Scan# 2371
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

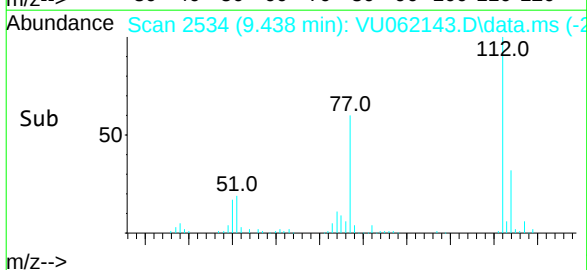
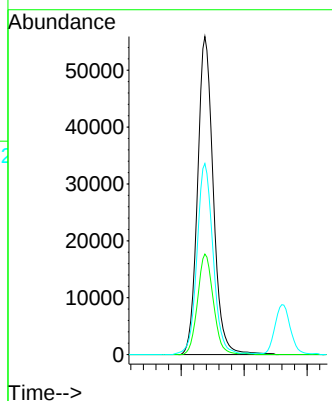
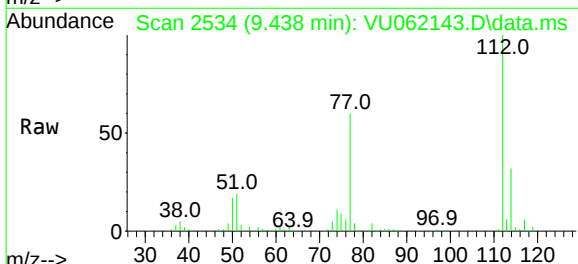
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

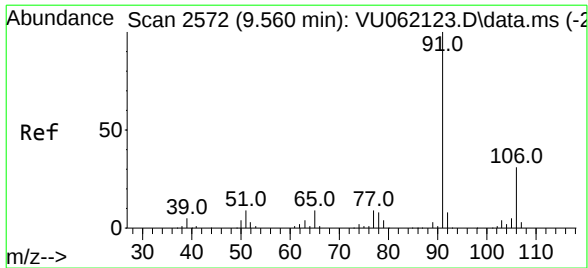
Tgt Ion:	107	Resp:	25616
Ion Ratio	Lower	Upper	
107	100		
109	95.1	66.8	124.2
188	4.2	2.3	3.5



#51
Chlorobenzene
Concen: 4.321 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:	112	Resp:	96876
Ion Ratio	Lower	Upper	
112	100		
114	31.6	23.0	42.6
77	60.1	50.5	75.7

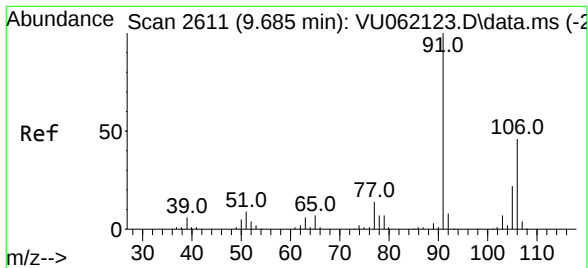
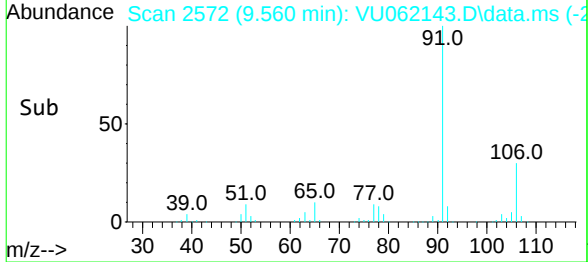
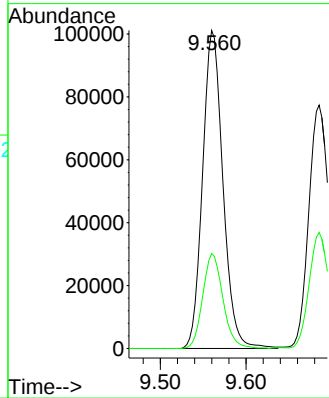
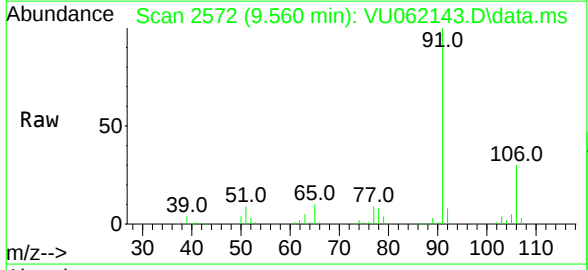




#52
Ethylbenzene
Concen: 4.261 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

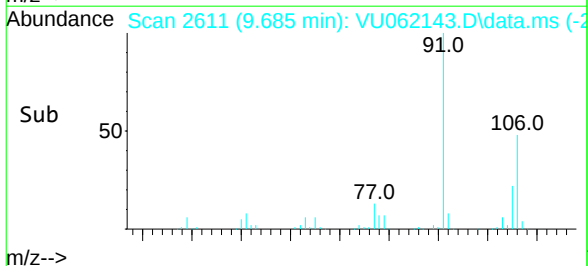
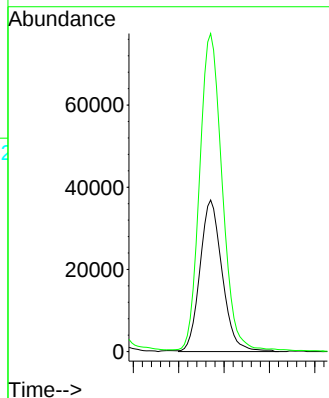
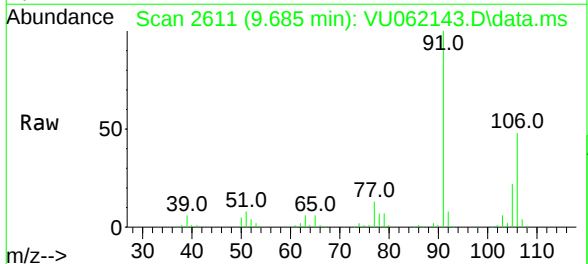
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

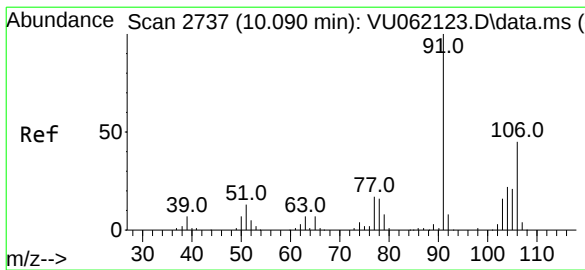
Tgt Ion: 91 Resp: 166904
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.0



#53
m,p-Xylene
Concen: 4.535 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 106 Resp: 62691
Ion Ratio Lower Upper
106 100
91 209.8 147.6 274.0





#54

o-Xylene

Concen: 4.404 ug/L

RT: 10.090 min Scan# 2737

Delta R.T. -0.003 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

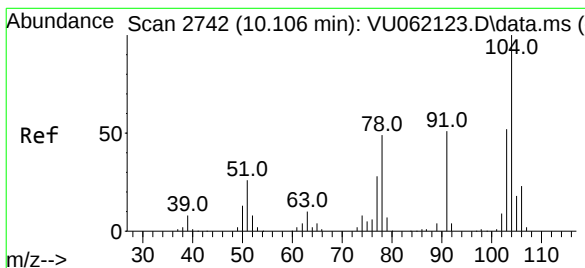
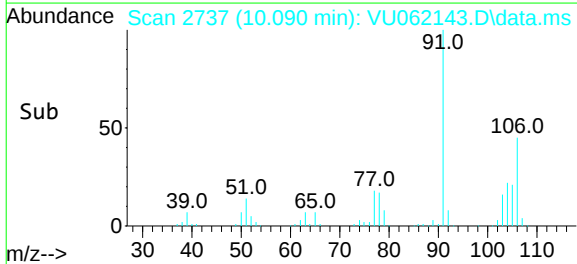
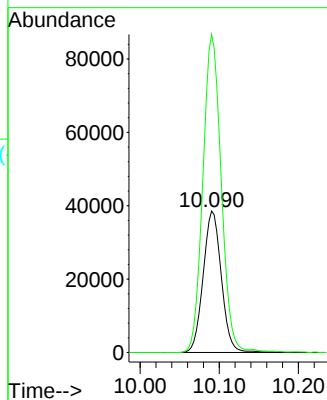
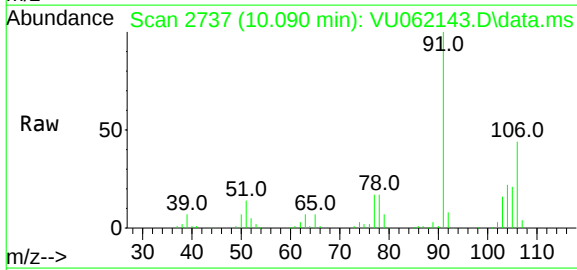
BHJA2MS

Tgt Ion:106 Resp: 61442

Ion Ratio Lower Upper

106 100

91 224.9 159.8 296.8



#55

Styrene

Concen: 4.237 ug/L

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU062143.D

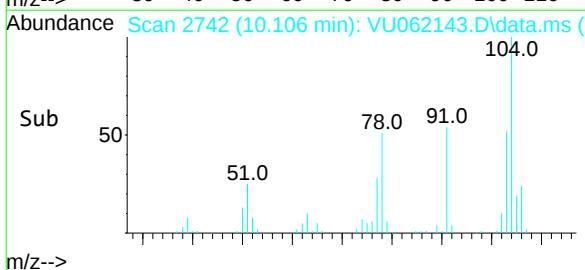
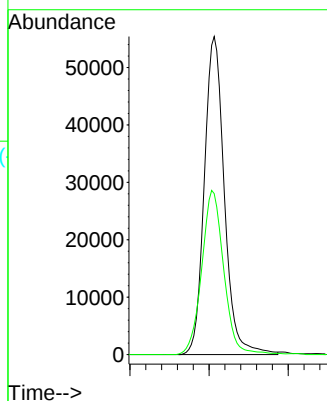
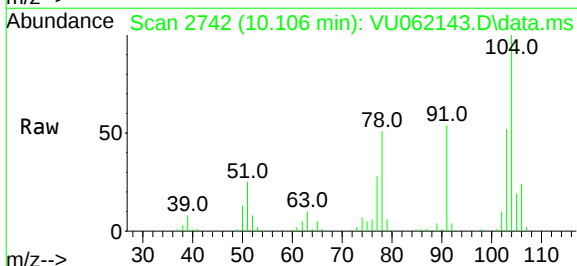
Acq: 06 Dec 2024 18:56

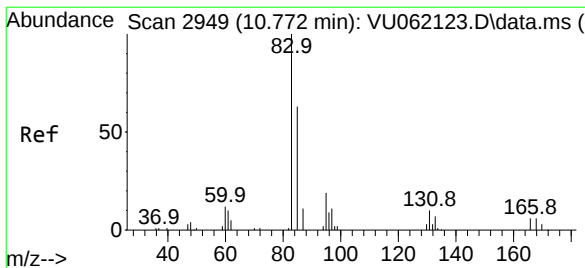
Tgt Ion:104 Resp: 97382

Ion Ratio Lower Upper

104 100

78 50.6 33.2 61.7

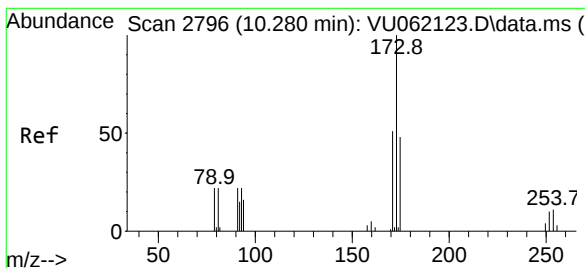
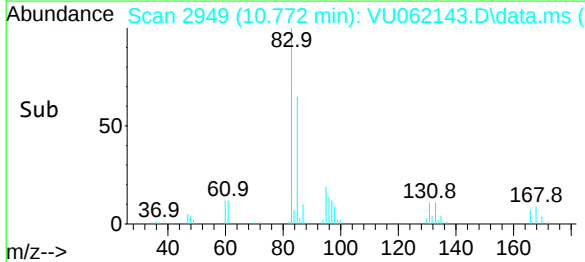
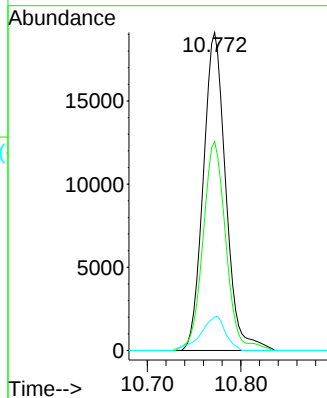
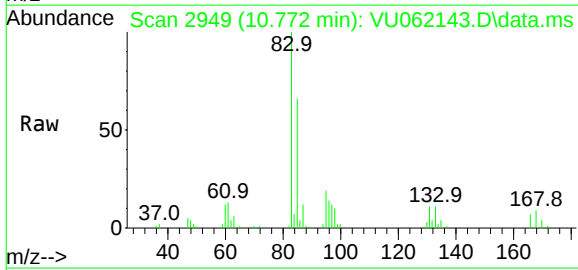




#57
1,1,2,2-Tetrachloroethane
Concen: 4.162 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

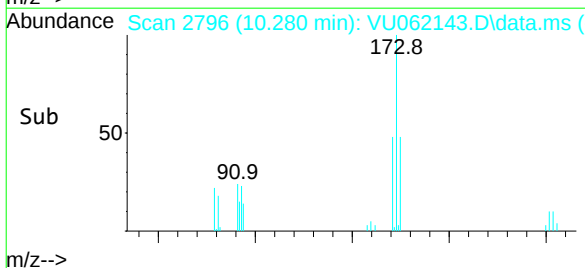
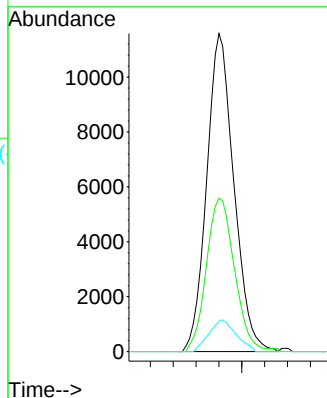
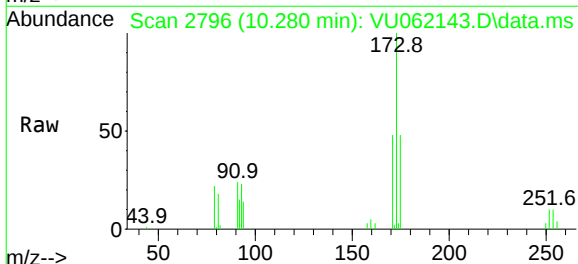
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

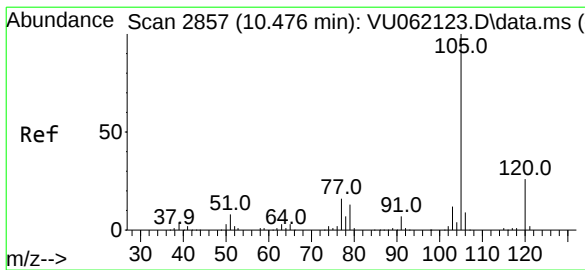
Tgt Ion:	83	Resp:	31841
Ion Ratio	Lower	Upper	
83	100		
85	65.7	44.4	82.4
131	10.5	7.3	10.9



#59
Bromoform
Concen: 4.856 ug/L
RT: 10.280 min Scan# 2796
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:	173	Resp:	19109
Ion Ratio	Lower	Upper	
173	100		
175	50.1	39.0	58.4
254	10.0	7.4	11.0





#60

Isopropylbenzene

Concen: 4.012 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

BHJA2MS

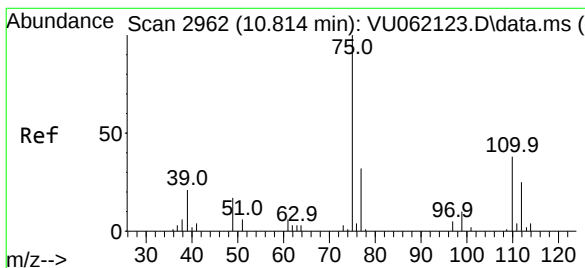
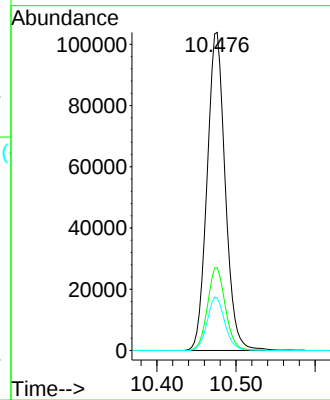
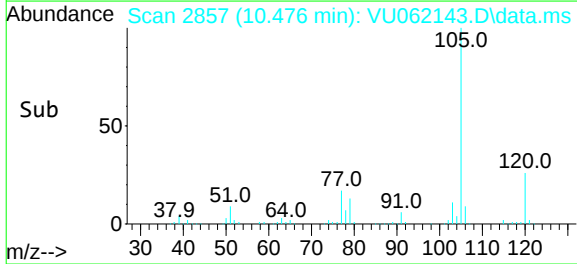
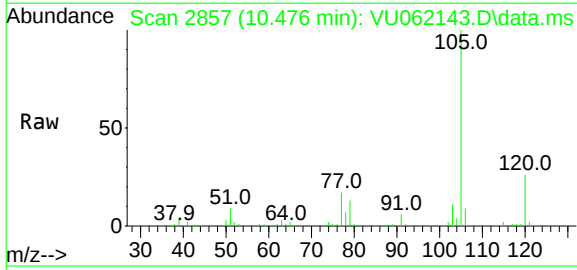
Tgt Ion:105 Resp: 165556

Ion Ratio Lower Upper

105 100

120 25.6 20.6 31.0

77 16.4 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 3.633 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

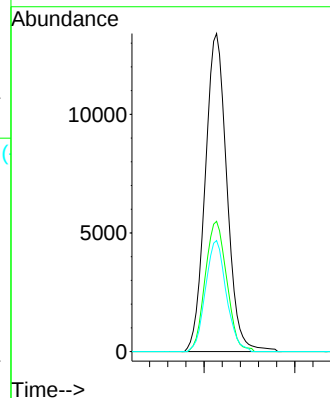
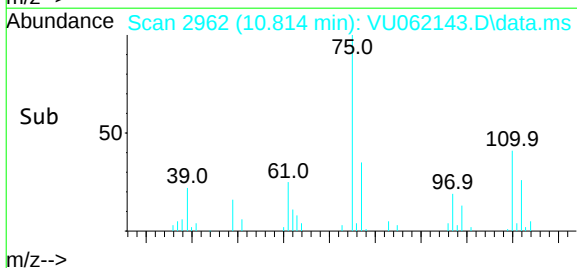
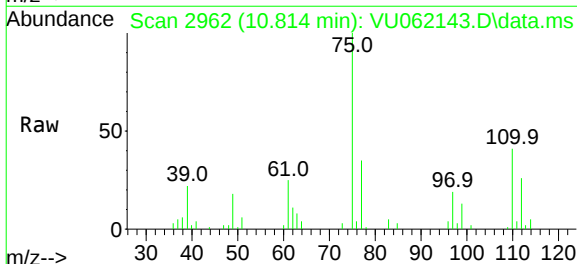
Tgt Ion: 75 Resp: 22229

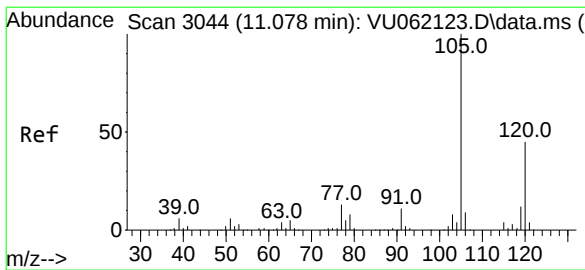
Ion Ratio Lower Upper

75 100

110 40.6 28.9 43.3

77 33.6 26.5 39.7

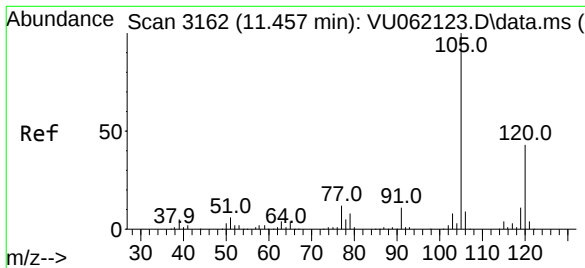
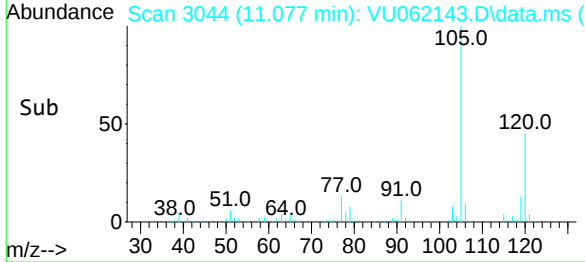
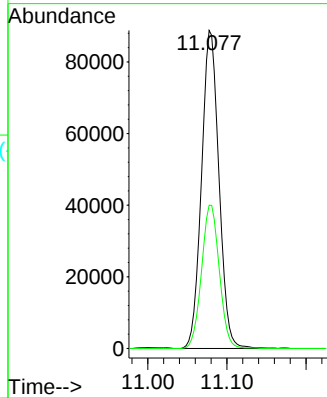
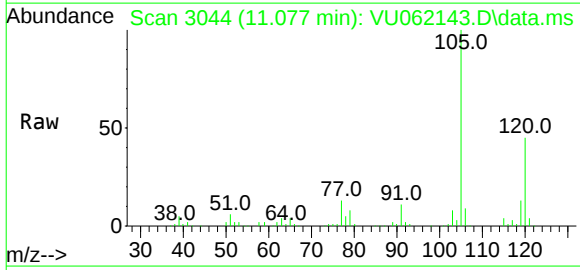




#62
1,3,5-Trimethylbenzene
Concen: 4.122 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

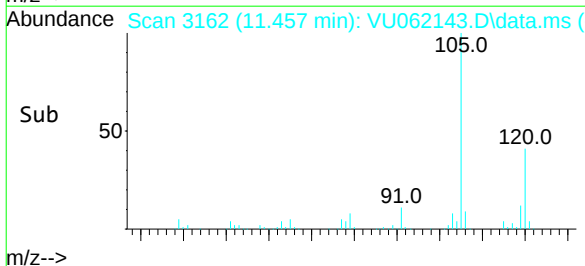
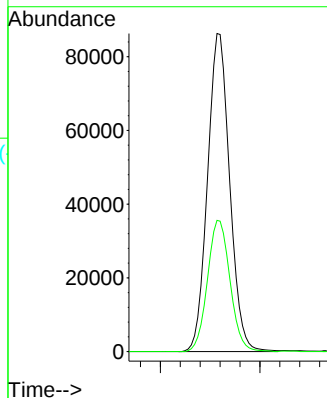
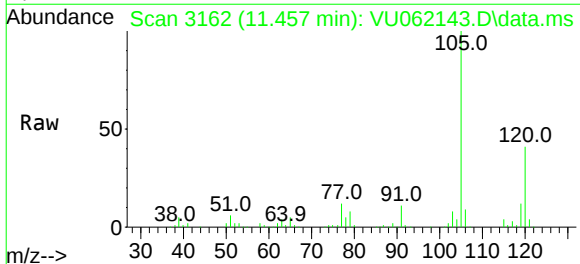
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

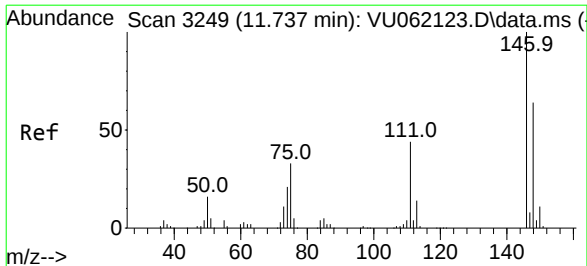
Tgt Ion:105 Resp: 135694
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.062 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:105 Resp: 133316
Ion Ratio Lower Upper
105 100
120 42.0 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 4.093 ug/L

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU062143.D

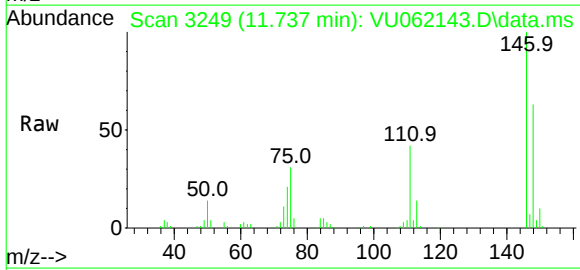
Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

BHJA2MS



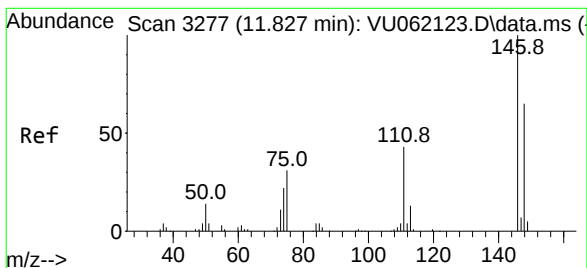
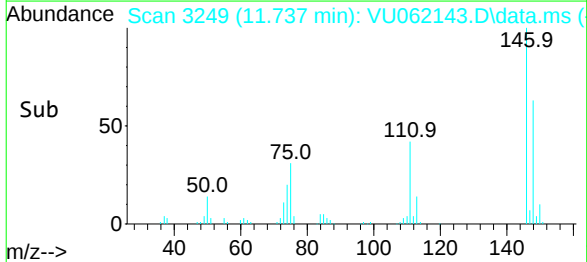
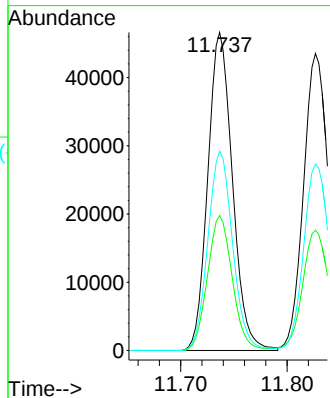
Tgt Ion:146 Resp: 74992

Ion Ratio Lower Upper

146 100

111 42.4 30.7 57.1

148 62.7 45.1 83.7



#65

1,4-Dichlorobenzene

Concen: 4.146 ug/L

RT: 11.827 min Scan# 3277

Delta R.T. -0.003 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

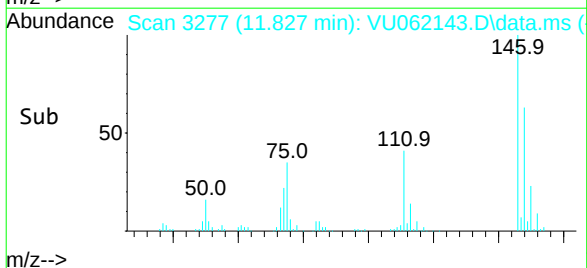
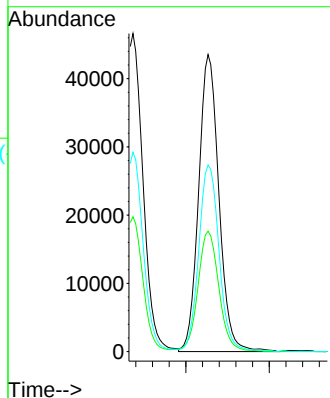
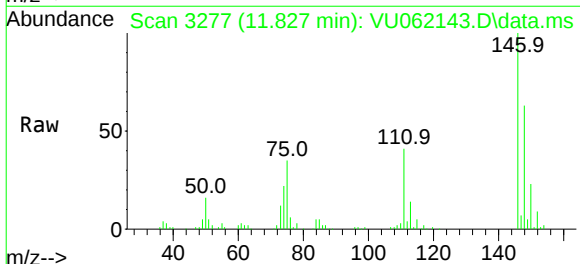
Tgt Ion:146 Resp: 73517

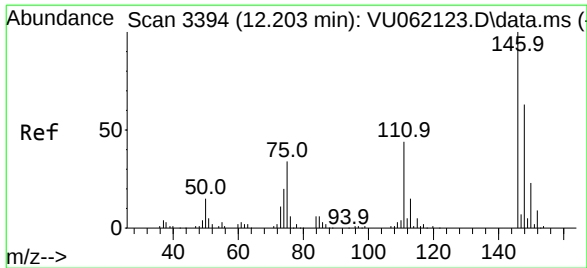
Ion Ratio Lower Upper

146 100

111 40.5 29.3 54.3

148 62.8 44.6 82.8

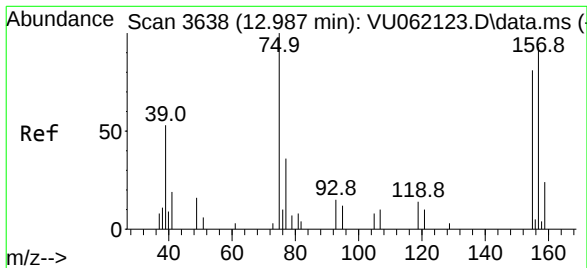
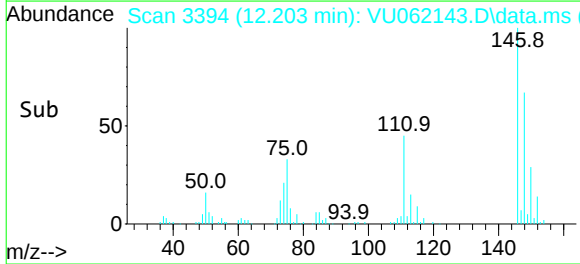
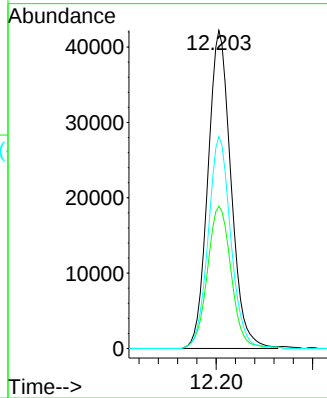
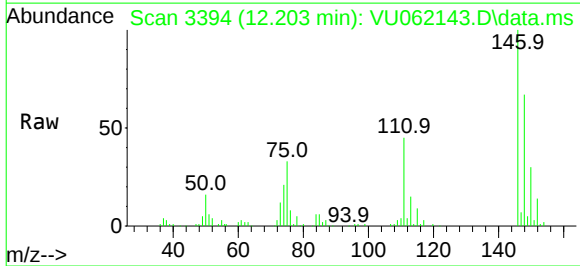




#67
1,2-Dichlorobenzene
Concen: 4.396 ug/L
RT: 12.203 min Scan# 3394
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

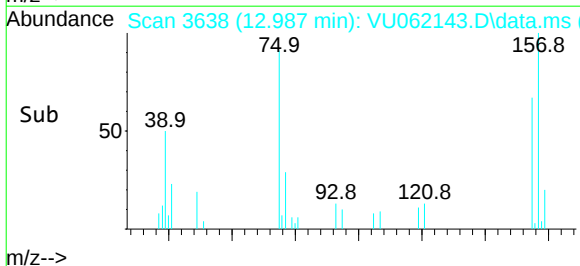
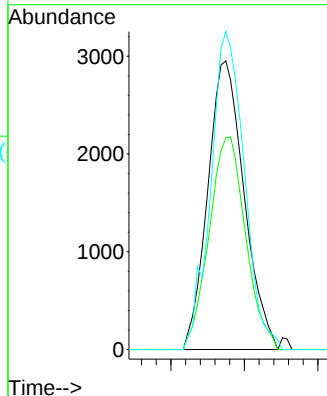
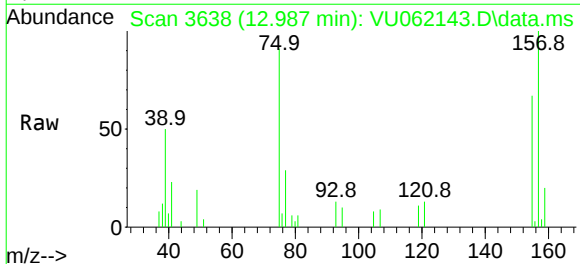
Instrument :
MSVOA_U
ClientSampleId :
BHJA2MS

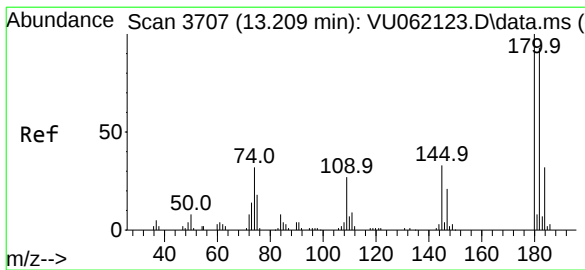
Tgt Ion:	146	Resp:	70042
Ion	Ratio	Lower	Upper
146	100		
111	44.7	36.0	54.0
148	66.6	52.3	78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 4.849 ug/L
RT: 12.987 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion:	75	Resp:	5064
Ion	Ratio	Lower	Upper
75	100		
155	73.3	55.2	82.8
157	110.2	73.5	110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.636 ug/L

RT: 13.212 min Scan# 3707

Delta R.T. -0.000 min

Lab File: VU062143.D

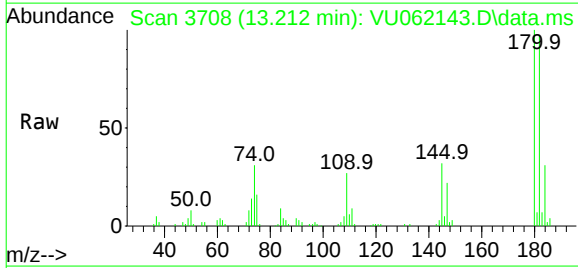
Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :

BHJA2MS



Tgt Ion:180 Resp: 50539

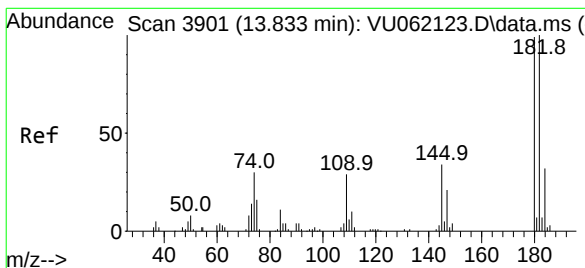
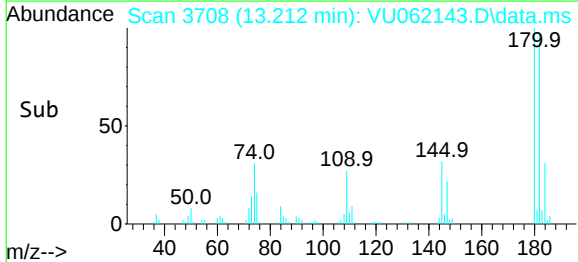
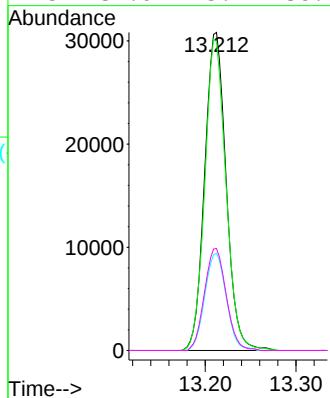
Ion Ratio Lower Upper

180 100

182 96.6 76.7 115.1

184 30.6 24.8 37.2

145 32.6 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.746 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

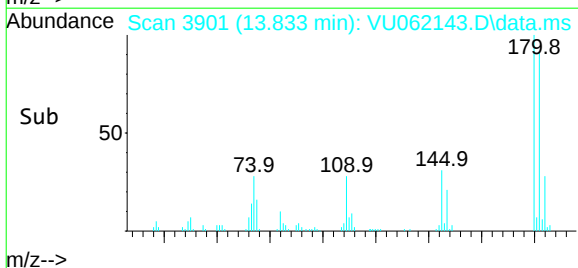
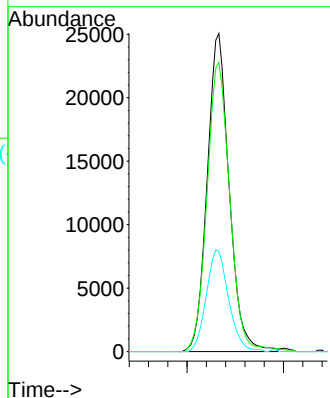
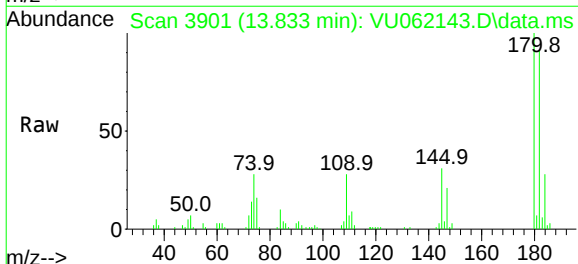
Tgt Ion:180 Resp: 39654

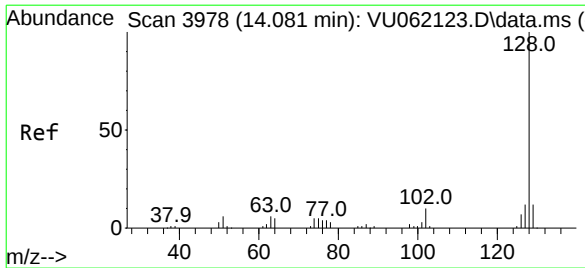
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

145 32.5 25.6 38.4





#71

Naphthalene

Concen: 4.068 ug/L

RT: 14.081 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

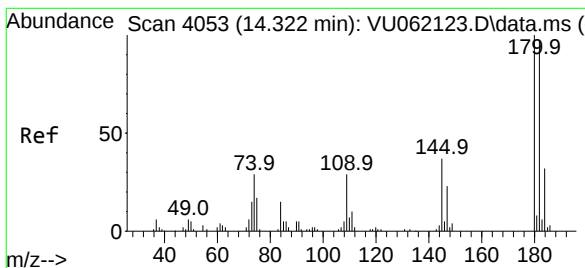
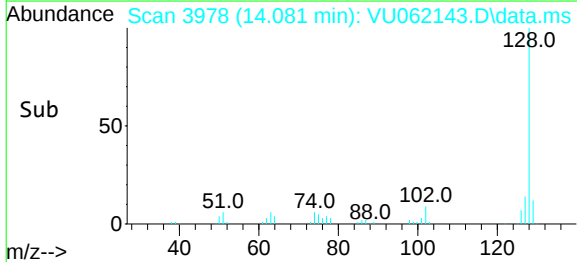
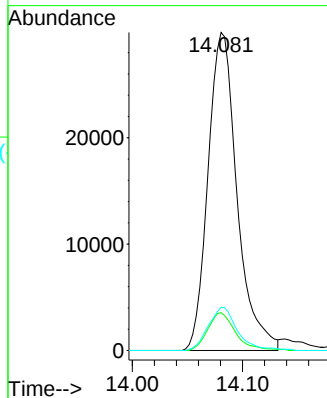
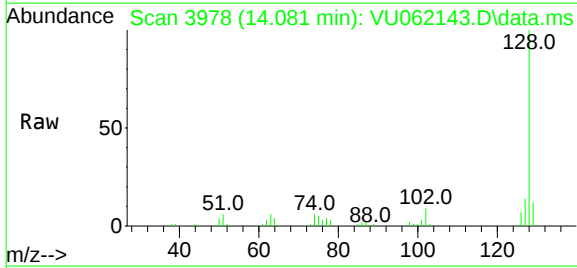
Instrument :

MSVOA_U

ClientSampleId :

BHJA2MS

Tgt Ion:	128	Resp:	54787
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.5	12.7
127	13.7	10.2	15.4



#72

1,2,3-Trichlorobenzene

Concen: 4.733 ug/L

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Tgt Ion:	180	Resp:	34056
Ion	Ratio	Lower	Upper
180	100		
182	94.7	76.1	114.1
145	34.8	27.4	41.0

