

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 :

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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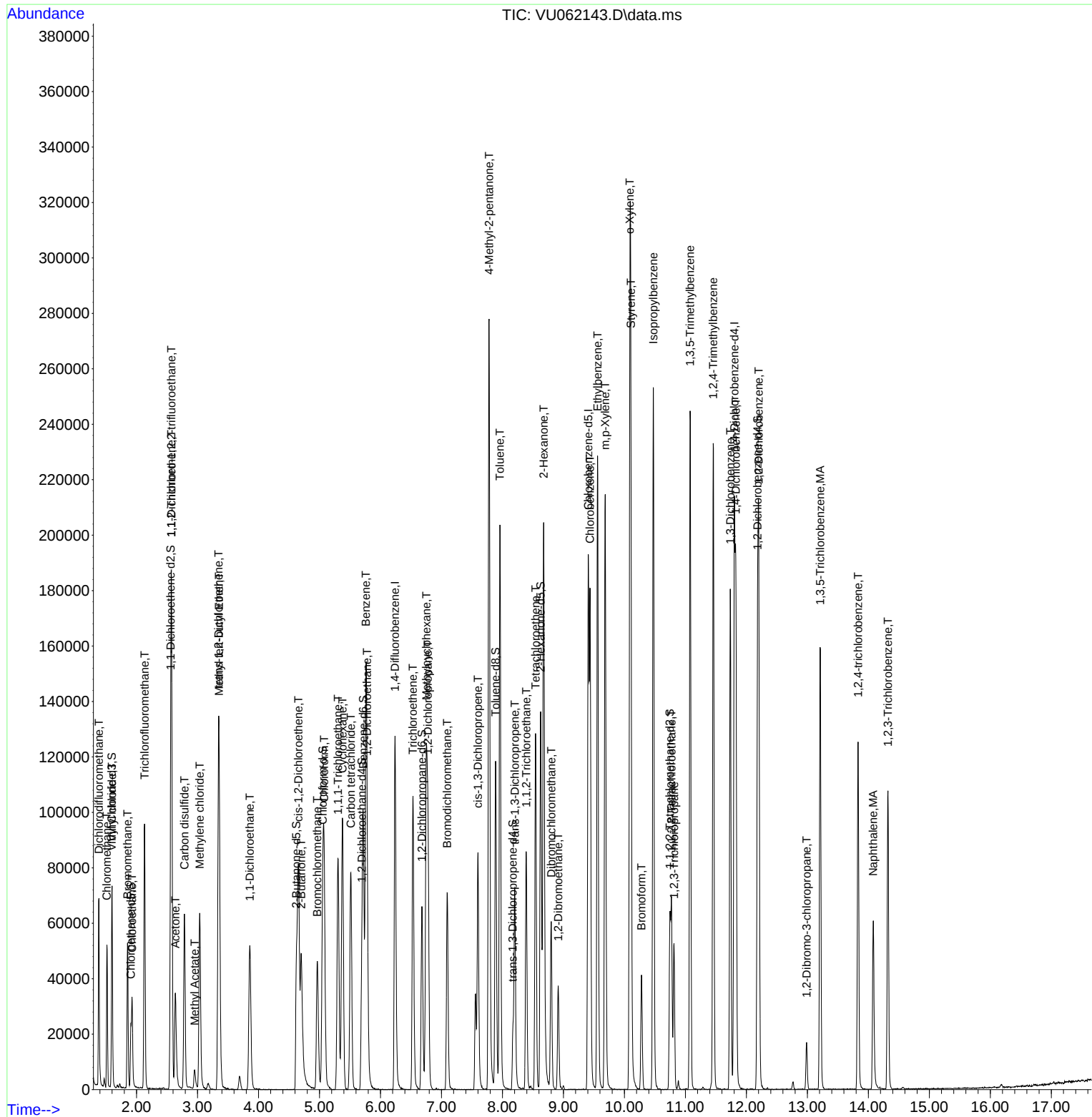
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	43736	4.369	ug/L	100
29) 1,1,1-Trichloroethane	5.303	97	64825	5.445	ug/L	95
30) Cyclohexane	5.377	56	48334	3.882	ug/L	92
31) Carbon tetrachloride	5.515	117	58046	5.742	ug/L	98
33) Benzene	5.763	78	140394	4.501	ug/L	100
34) 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

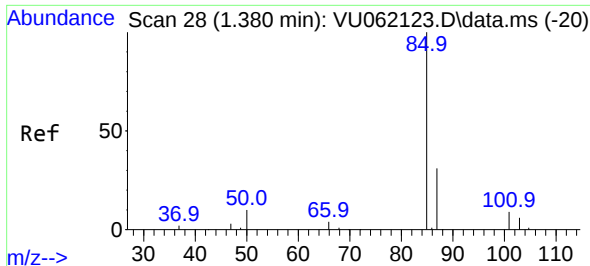
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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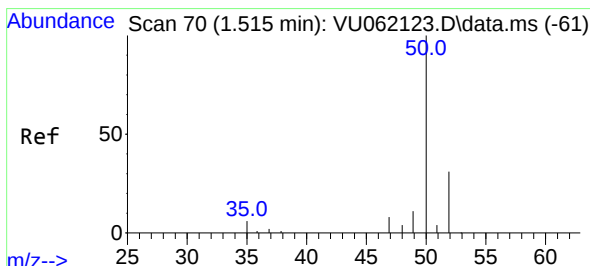
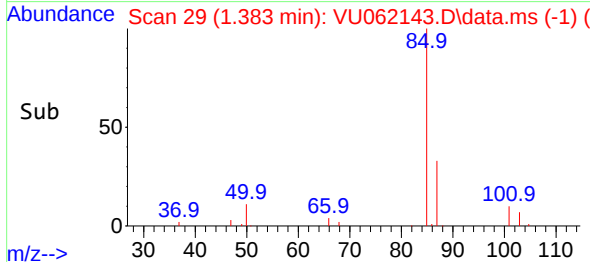
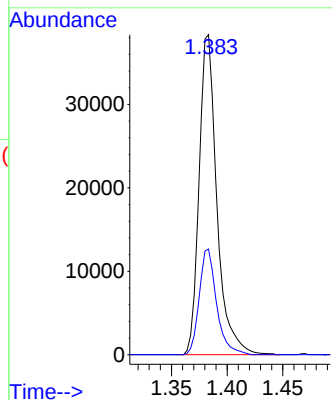
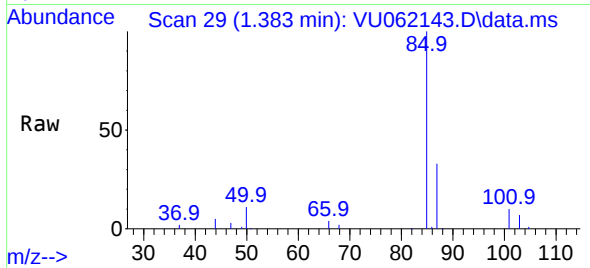




#2
Dichlorodifluoromethane
Concen: 4.518 ug/L
RT: 1.383 min Scan# 29
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

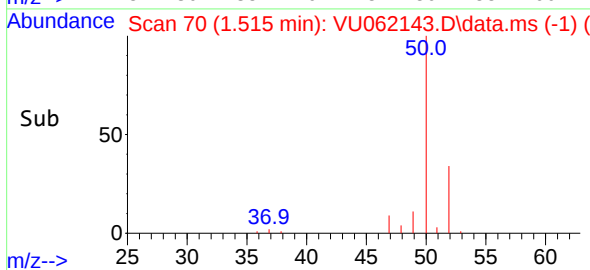
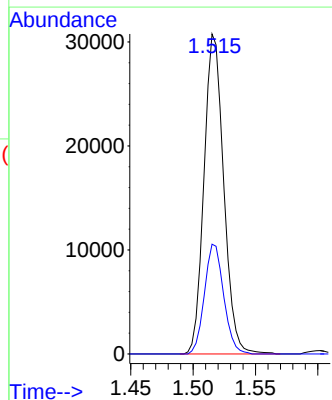
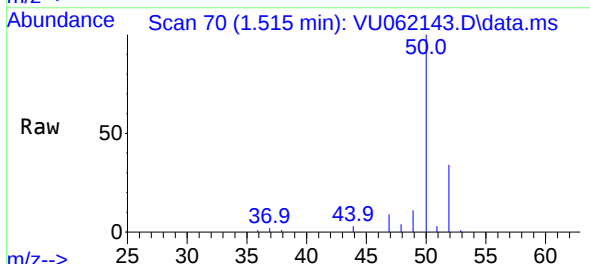
Instrument :
MSVOA_U
ClientSampleId :

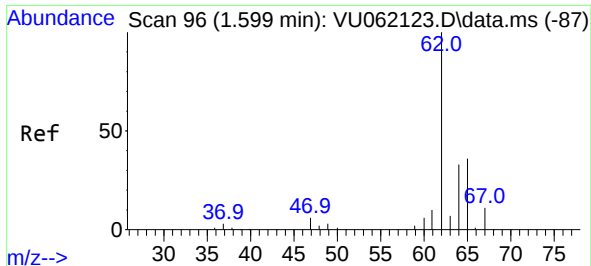
Tgt Ion: 85 Resp: 42619
Ion Ratio Lower Upper
85 100
87 32.2 26.6 40.0



#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

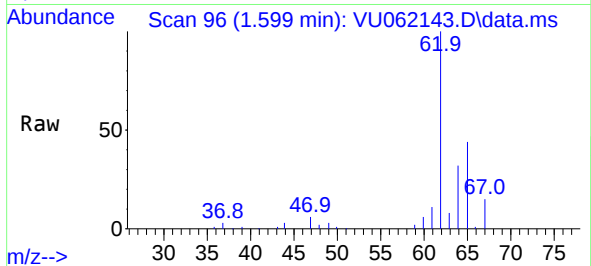
Tgt Ion: 50 Resp: 33849
Ion Ratio Lower Upper
50 100
52 34.3 23.1 42.9



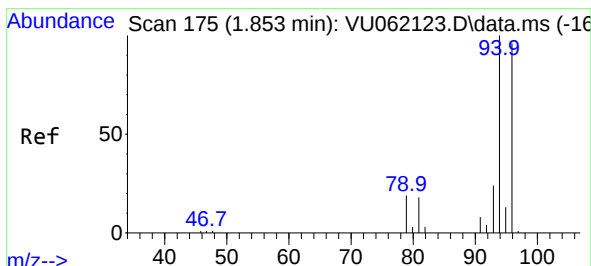
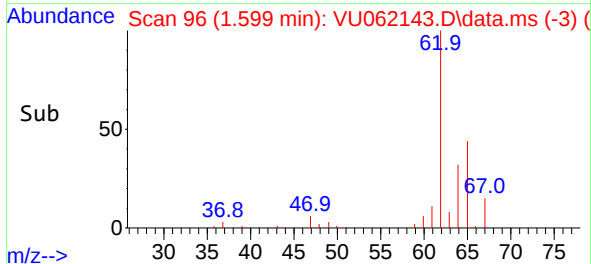
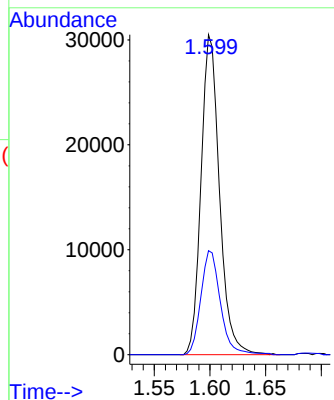


#5
 Vinyl chloride
 Concen: 3.508 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Instrument :
 MSVOA_U
 ClientSampleId :

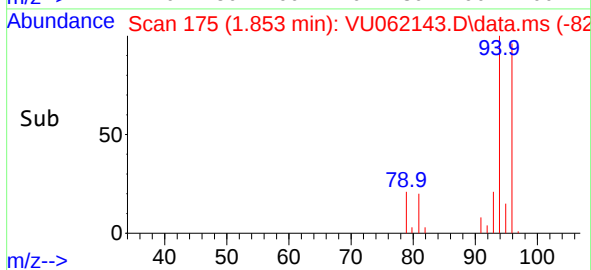
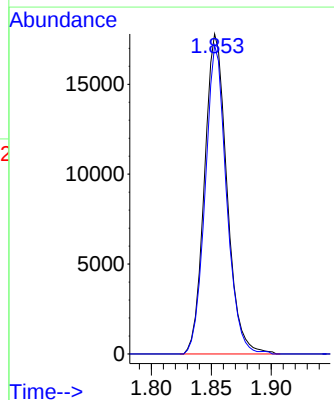
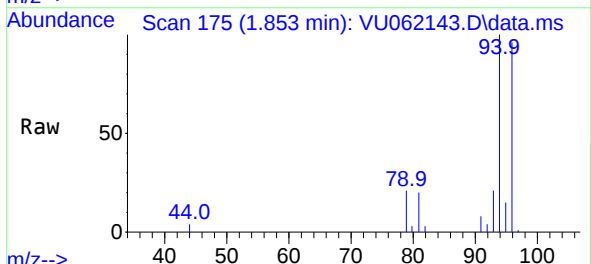


Tgt Ion: 62 Resp: 35044
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.1 42.9

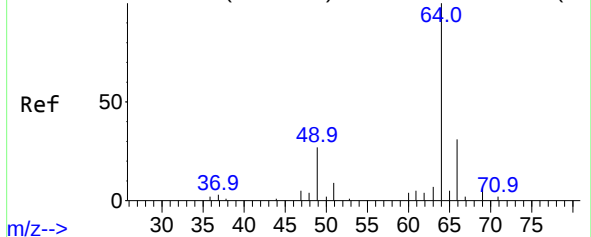


#6
 Bromomethane
 Concen: 3.894 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

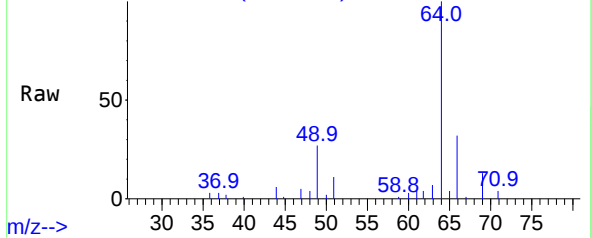
Tgt Ion: 94 Resp: 23153
 Ion Ratio Lower Upper
 94 100
 96 96.4 64.5 119.9



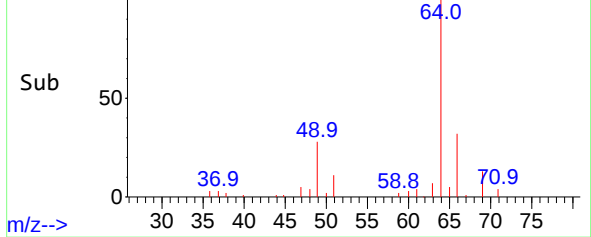
Abundance Scan 198 (1.927 min): VU062123.D\data.ms (-18



m/z--> Abundance Scan 198 (1.927 min): VU062143.D\data.ms



m/z--> Abundance Scan 198 (1.927 min): VU062143.D\data.ms (-10



m/z-->

#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

Instrument :

MSVOA_U

ClientSampleId :

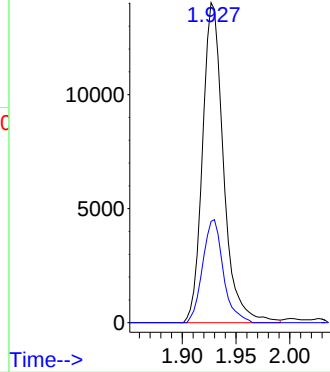
Tgt Ion: 64 Resp: 19026

Ion Ratio Lower Upper

64 100

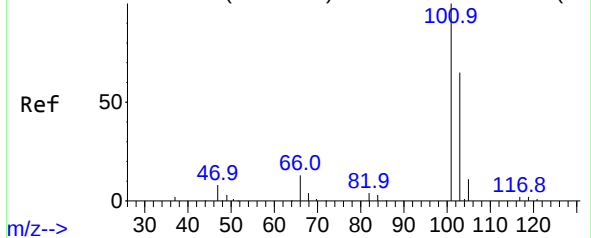
66 31.7 23.2 43.2

Abundance

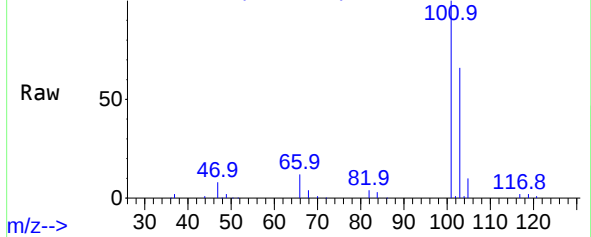


Time-->

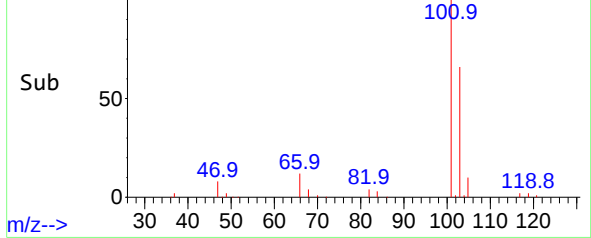
Abundance Scan 261 (2.129 min): VU062123.D\data.ms (-25



m/z--> Abundance Scan 262 (2.132 min): VU062143.D\data.ms



m/z--> Abundance Scan 262 (2.132 min): VU062143.D\data.ms (-16



m/z-->

#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

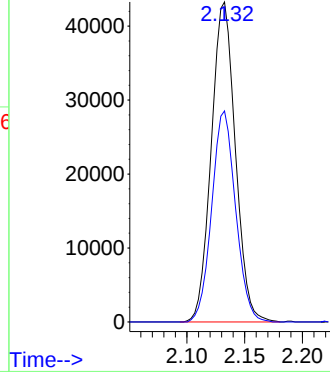
Tgt Ion:101 Resp: 62783

Ion Ratio Lower Upper

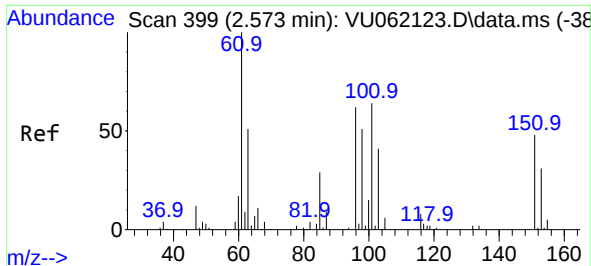
101 100

103 65.3 50.6 75.8

Abundance



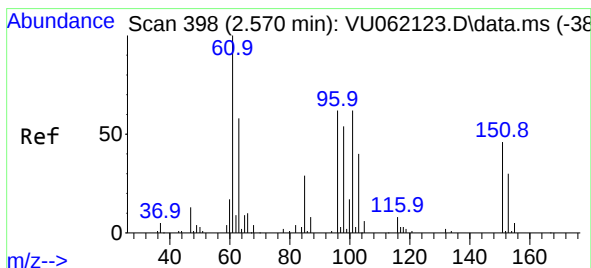
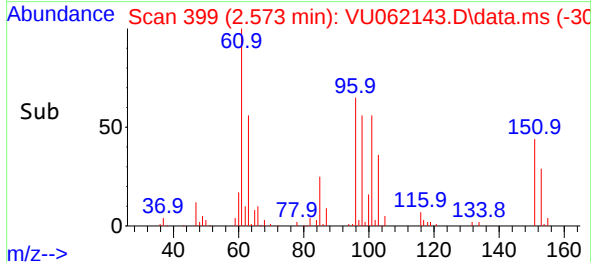
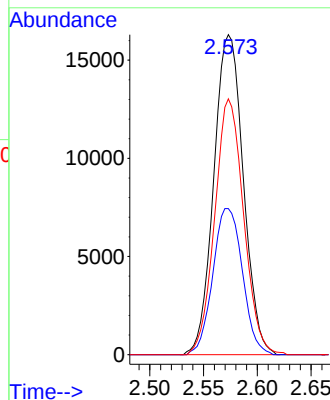
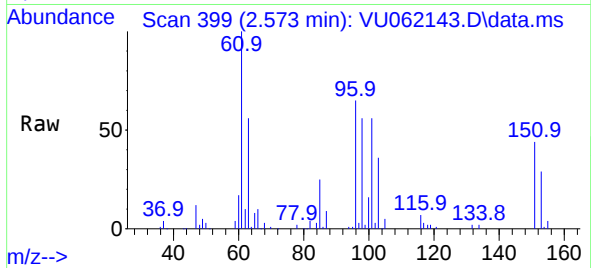
Time-->



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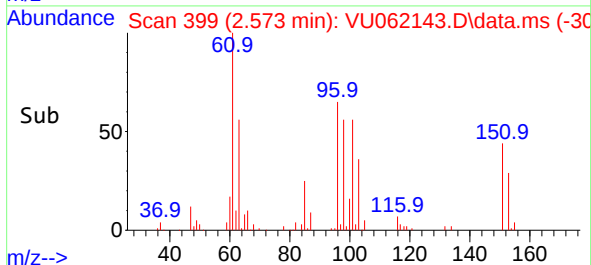
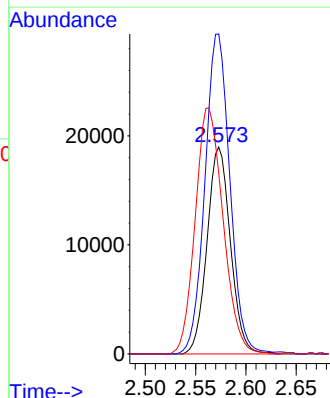
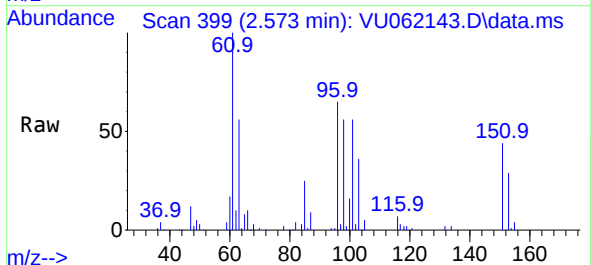
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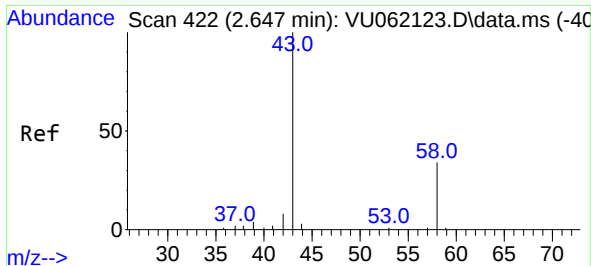
Tgt Ion:101 Resp: 31159
Ion Ratio Lower Upper
101 100
85 45.7 38.0 57.0
151 78.3 55.3 82.9



#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

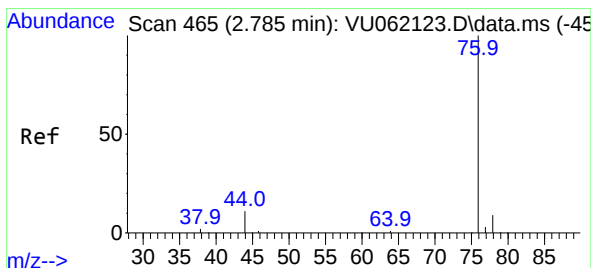
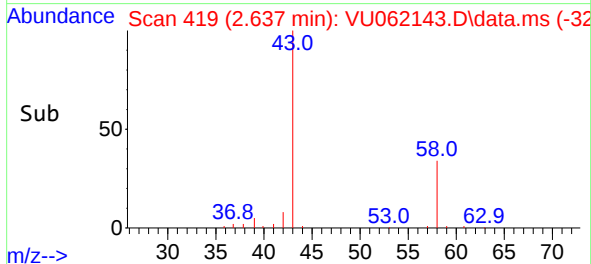
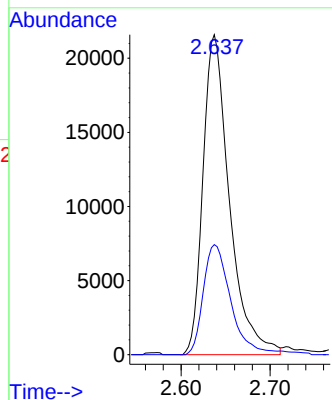
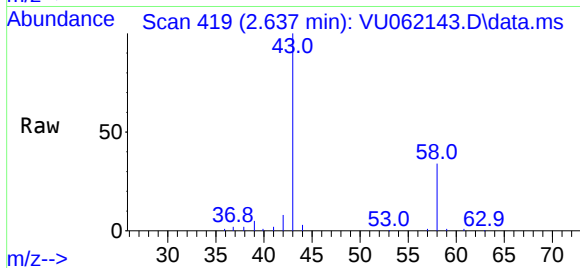
ClientSampleId :

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

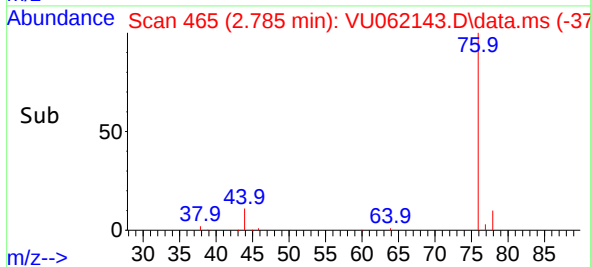
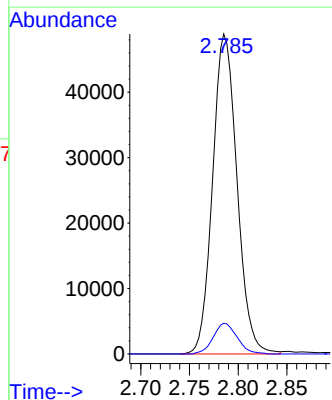
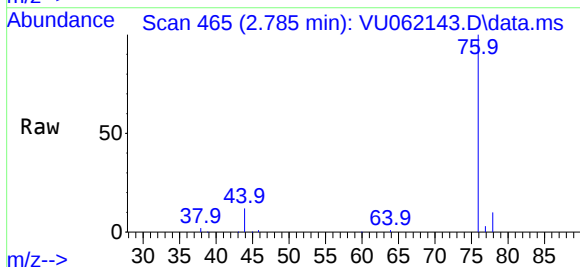
Acq: 06 Dec 2024 18:56

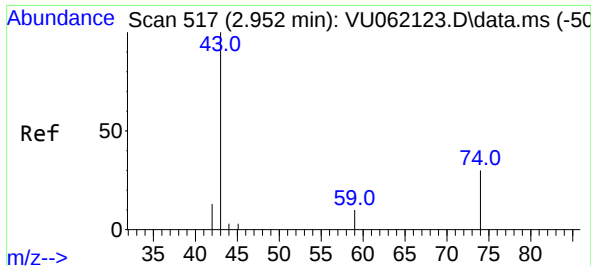
Tgt Ion: 76 Resp: 85167

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

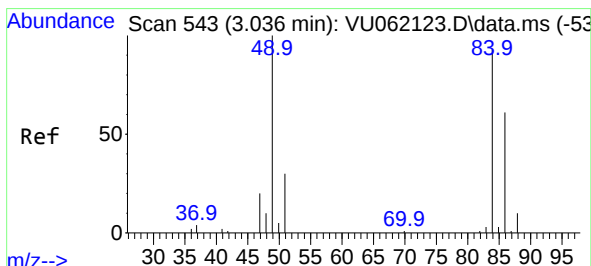
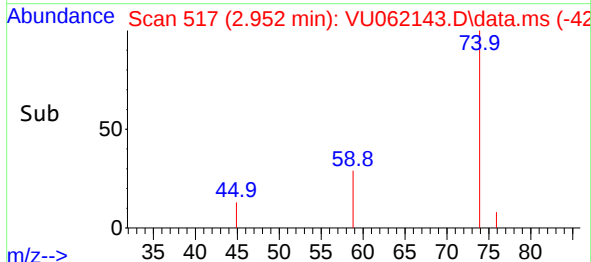
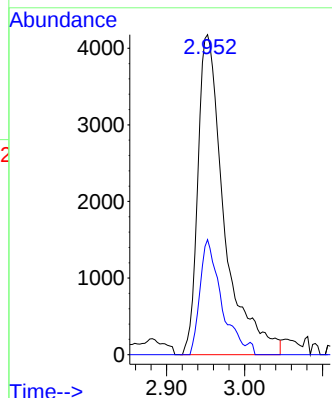
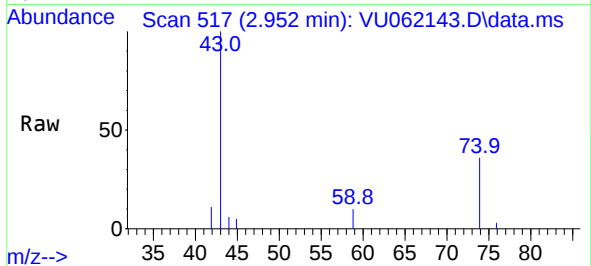




#15
Methyl Acetate
Concen: 3.332 ug/L
RT: 2.952 min Scan# 517
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

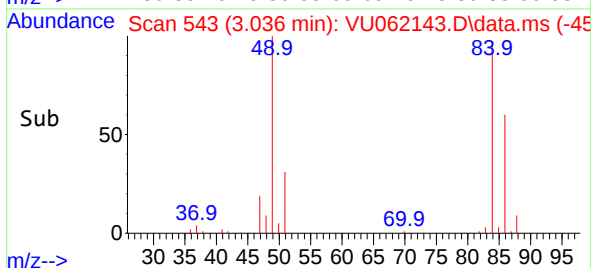
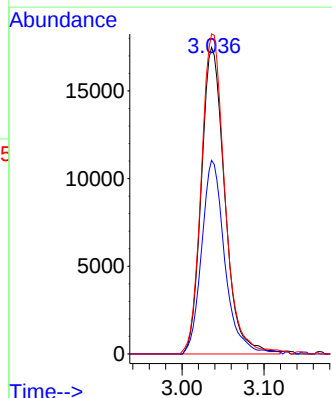
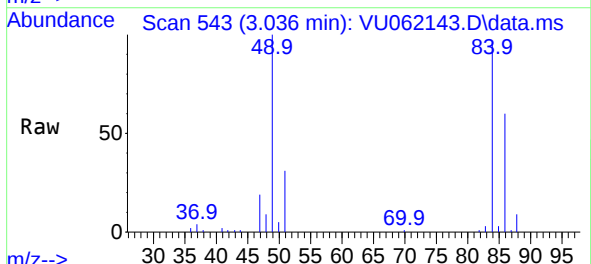
Instrument :
MSVOA_U
ClientSampleId :

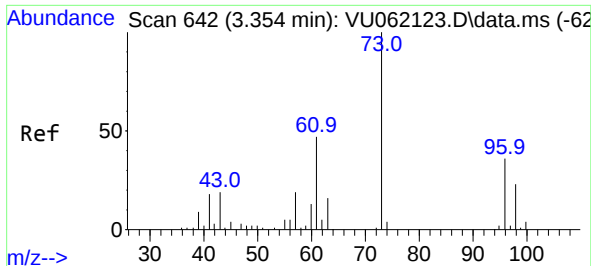
Tgt Ion: 43 Resp: 9810
Ion Ratio Lower Upper
43 100
74 28.8 19.4 29.2



#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

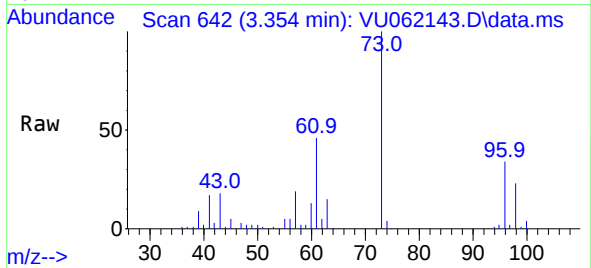
Tgt Ion: 84 Resp: 34781
Ion Ratio Lower Upper
84 100
86 63.1 43.5 80.7
49 104.4 81.9 152.1



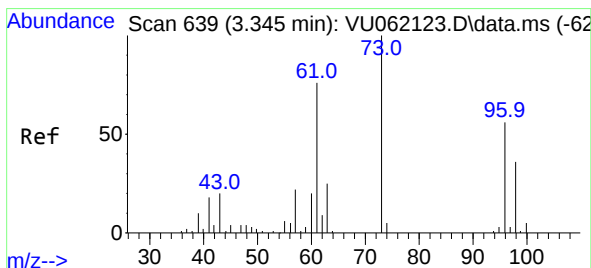
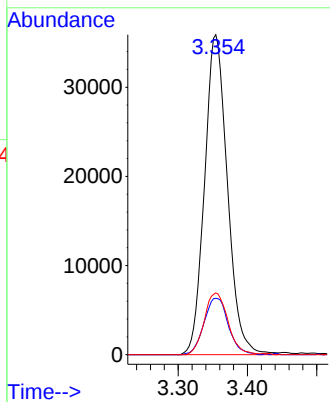
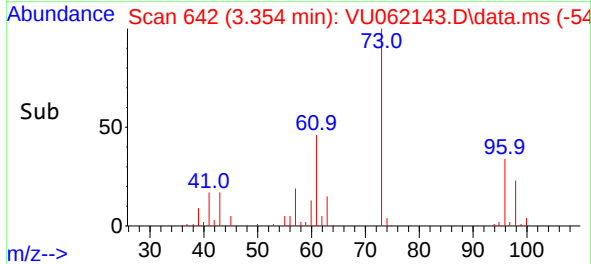


#17
Methyl tert-butyl Ether
Concen: 4.443 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

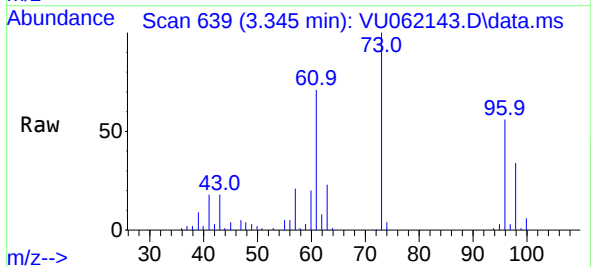
Instrument :
MSVOA_U
ClientSampleId :



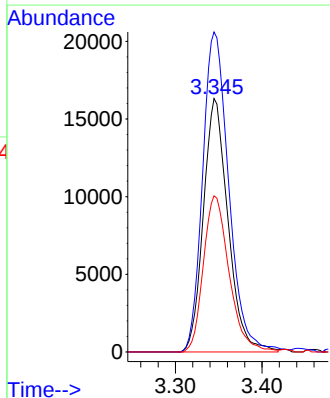
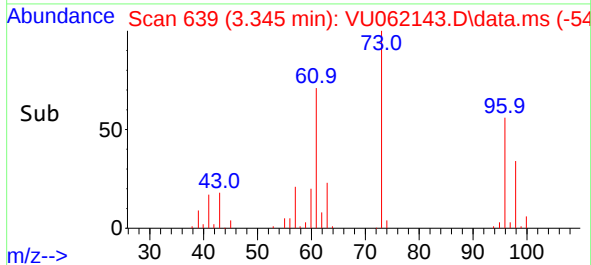
Tgt Ion: 73 Resp: 82325
Ion Ratio Lower Upper
73 100
43 18.8 16.3 24.5
57 20.0 17.1 25.7

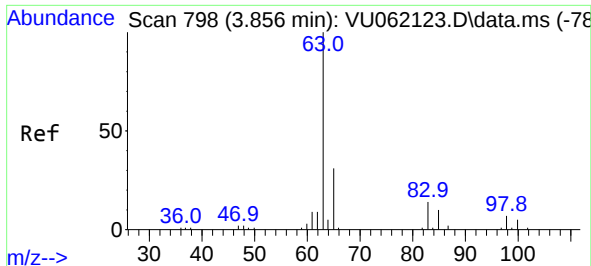


#18
trans-1,2-Dichloroethene
Concen: 4.230 ug/L
RT: 3.345 min Scan# 639
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56



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

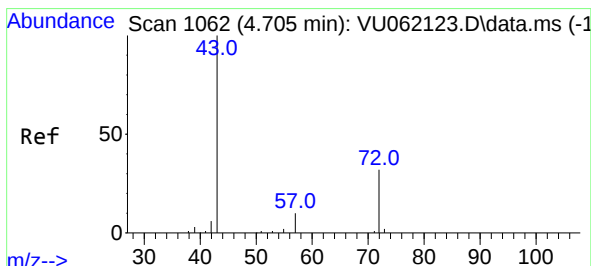
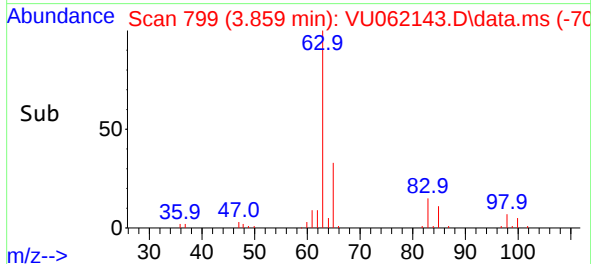
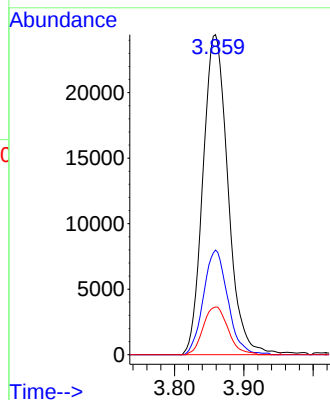
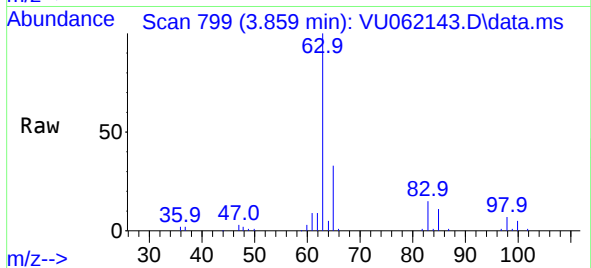




#19
1,1-Dichloroethane
Concen: 4.110 ug/L
RT: 3.859 min Scan# 798
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

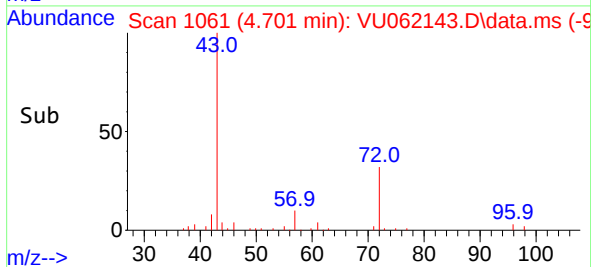
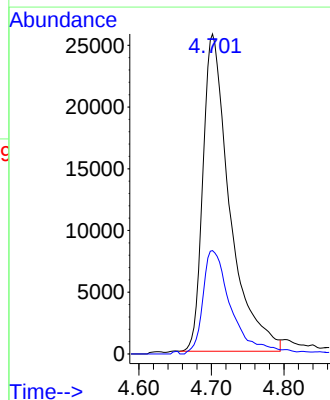
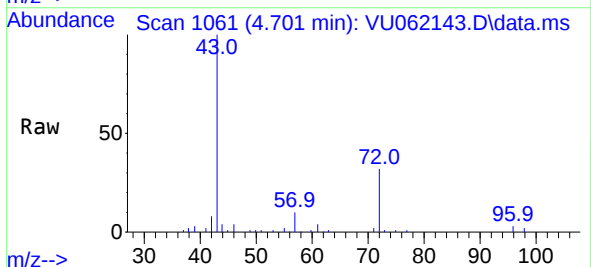
Instrument :
MSVOA_U
ClientSampleId :

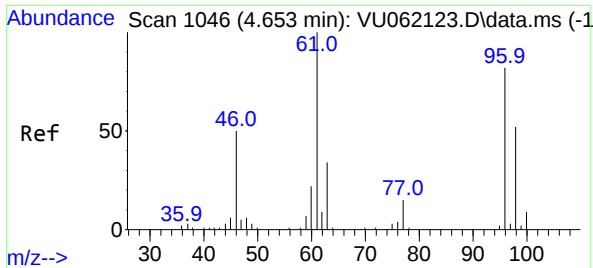
Tgt Ion: 63 Resp: 61196
Ion Ratio Lower Upper
63 100
65 32.7 22.7 42.3
83 14.9 9.9 18.3



#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

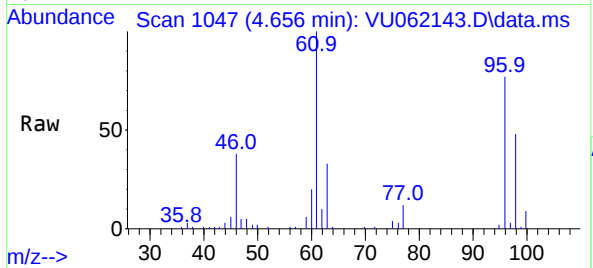
Tgt Ion: 43 Resp: 65977
Ion Ratio Lower Upper
43 100
72 34.2 14.8 44.4





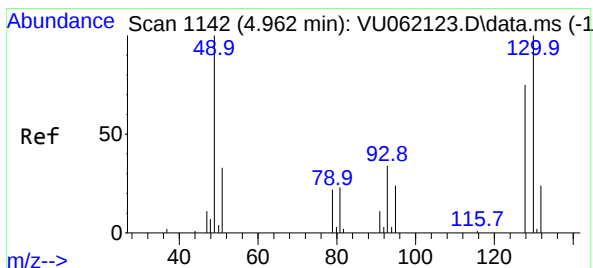
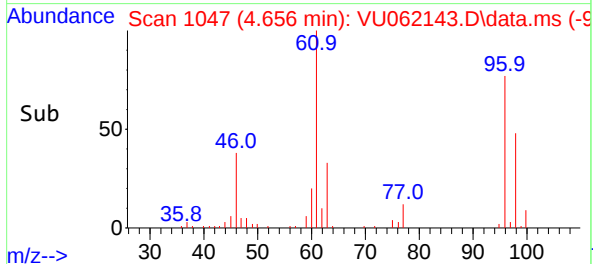
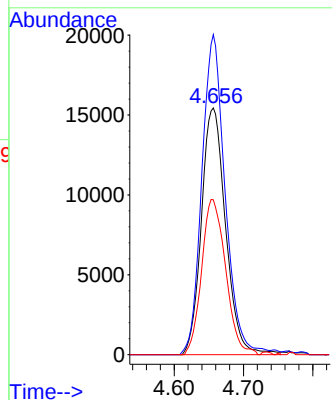
#22
 cis-1,2-Dichloroethene
 Concen: 4.352 ug/L
 RT: 4.656 min Scan# 1046
 Delta R.T. -0.000 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 37431

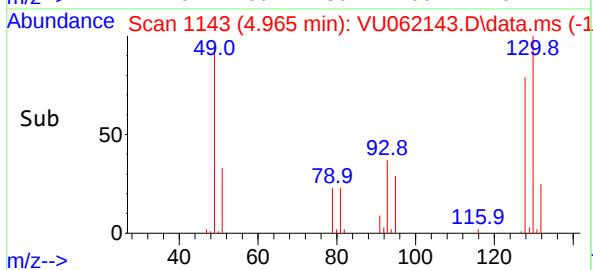
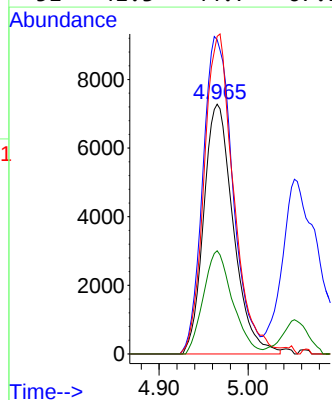
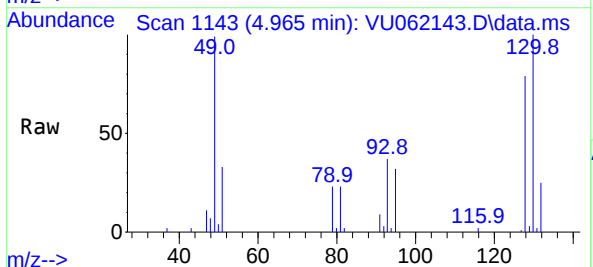
Ion	Ratio	Lower	Upper
96	100		
61	129.7	92.0	170.8
98	62.8	44.5	82.7

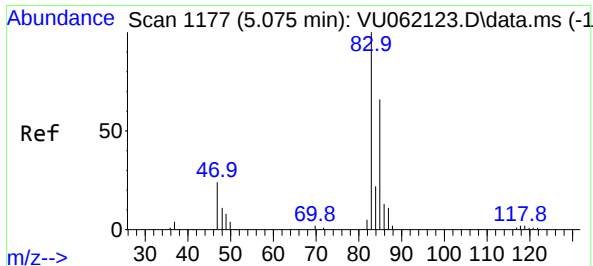


#23
 Bromochloromethane
 Concen: 4.497 ug/L
 RT: 4.965 min Scan# 1143
 Delta R.T. -0.003 min
 Lab File: VU062143.D
 Acq: 06 Dec 2024 18:56

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

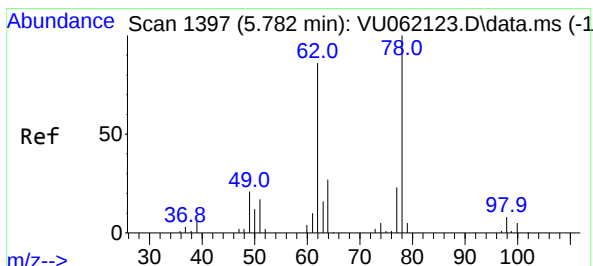
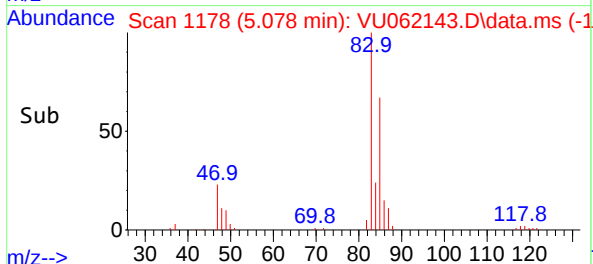
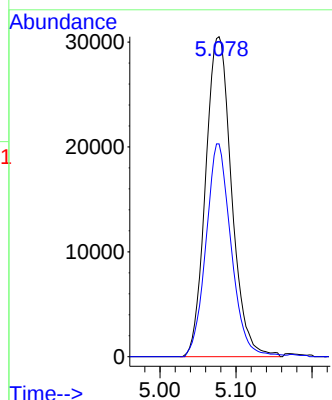
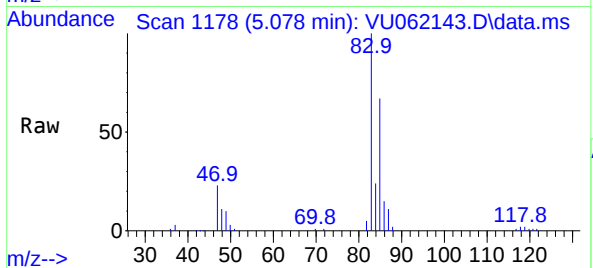




#25
Chloroform
Concen: 4.658 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

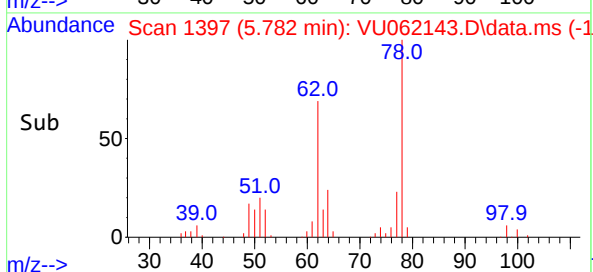
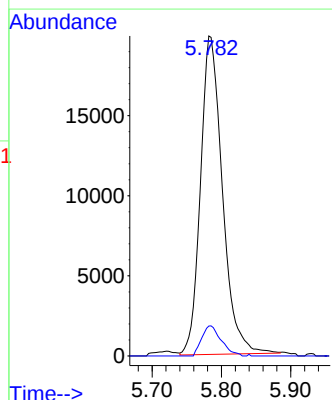
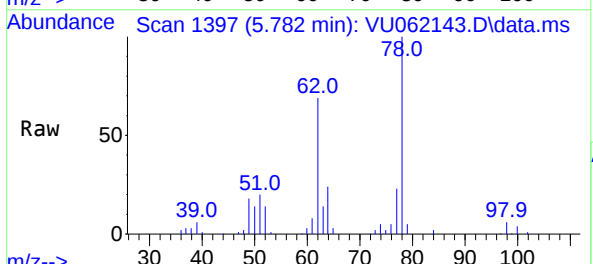
Instrument :
MSVOA_U
ClientSampleId :

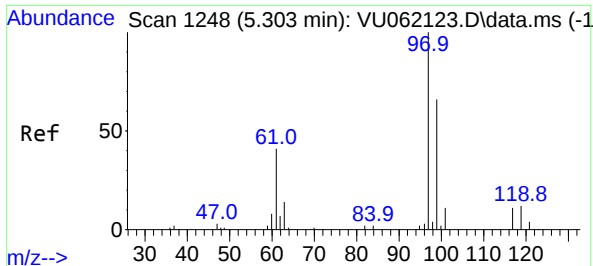
Tgt Ion: 83 Resp: 72499
Ion Ratio Lower Upper
83 100
85 66.5 45.4 84.2



#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

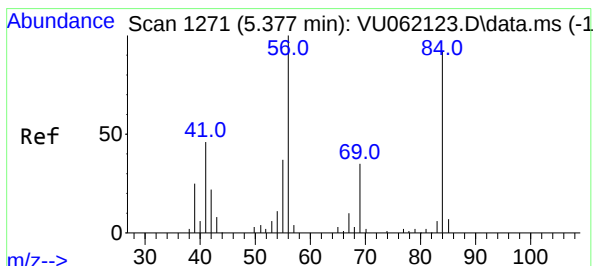
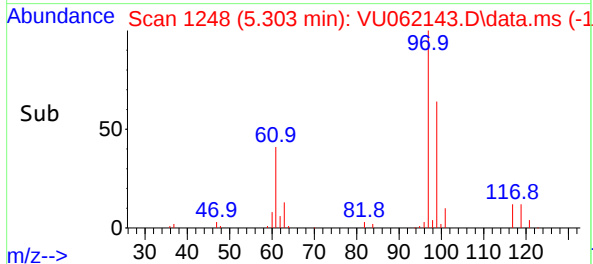
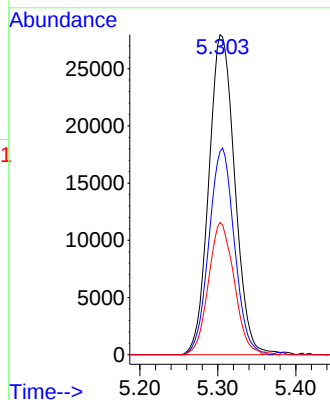
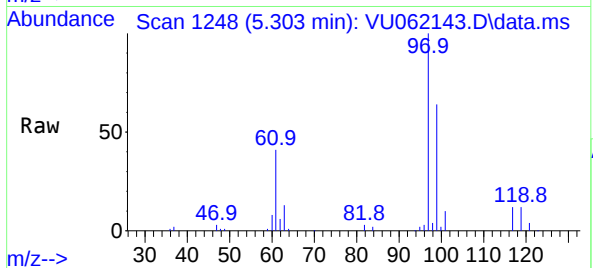




#29
1,1,1-Trichloroethane
Concen: 5.445 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

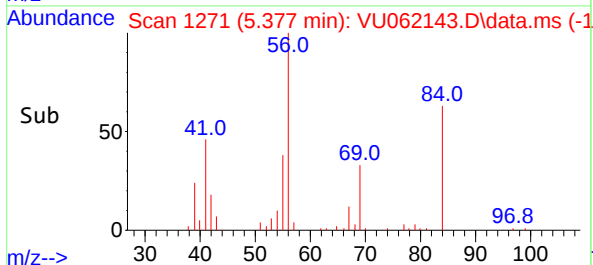
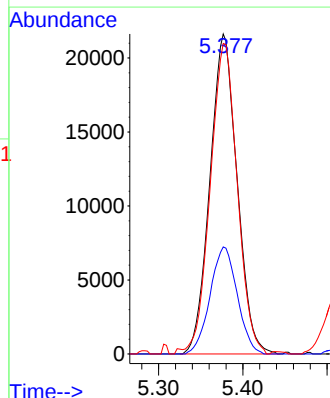
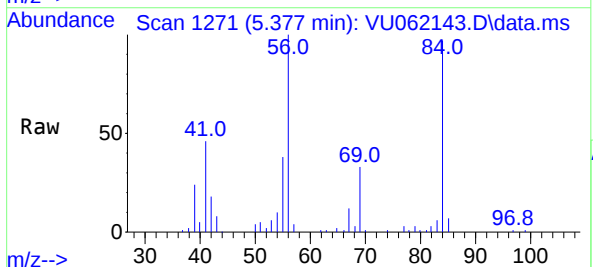
Instrument :
MSVOA_U
ClientSampleId :

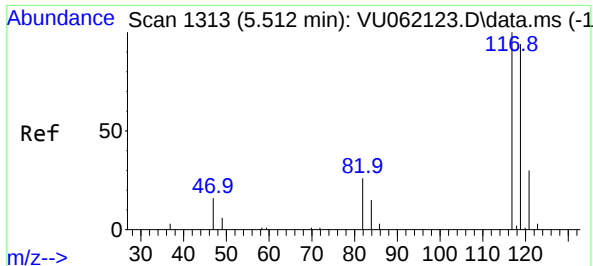
Tgt Ion:	97	Resp:	64825
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.4	77.2
61	40.7	37.8	56.6



#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

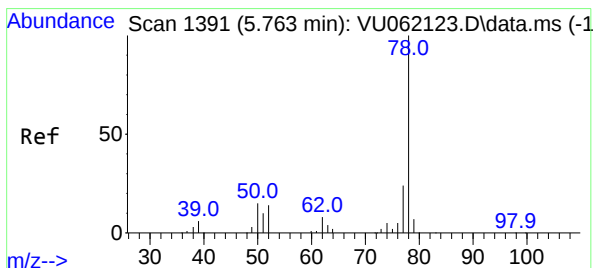
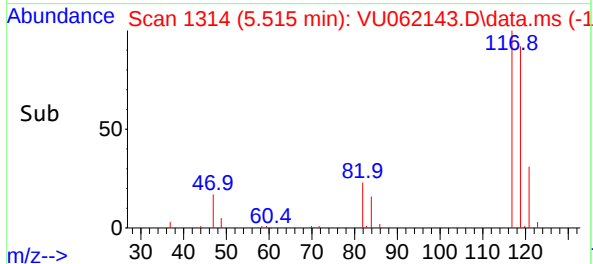
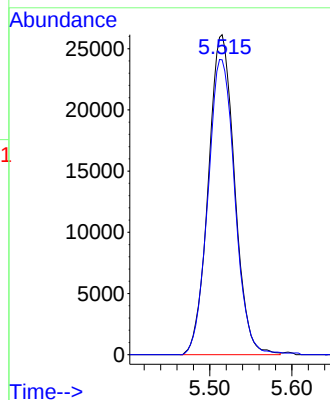
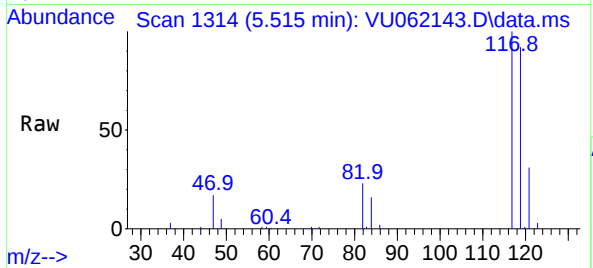




#31
Carbon tetrachloride
Concen: 5.742 ug/L
RT: 5.515 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

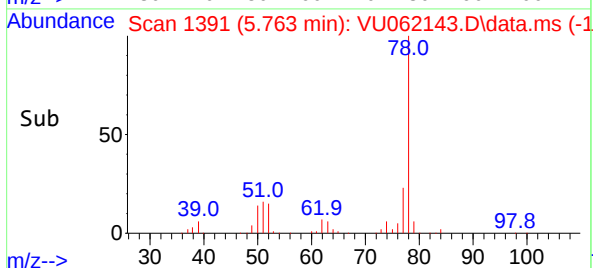
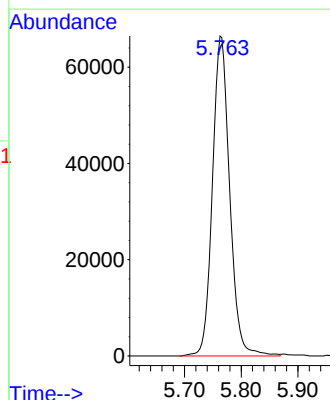
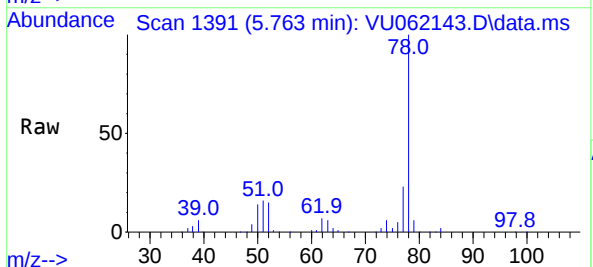
Instrument :
MSVOA_U
ClientSampleId :

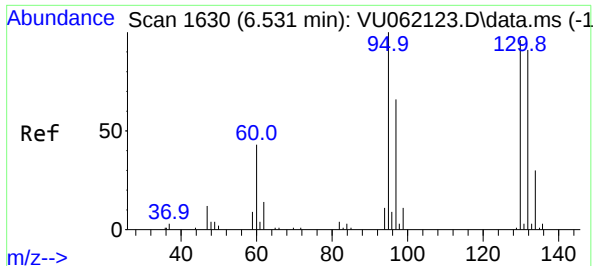
Tgt Ion:117 Resp: 58046
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#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

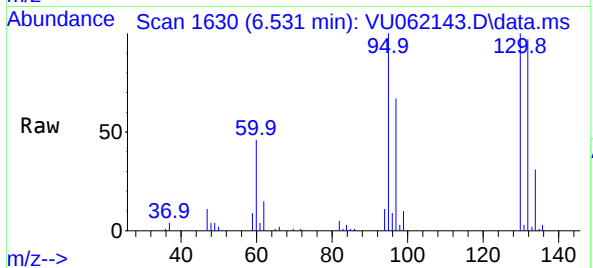
Tgt Ion: 78 Resp: 140394





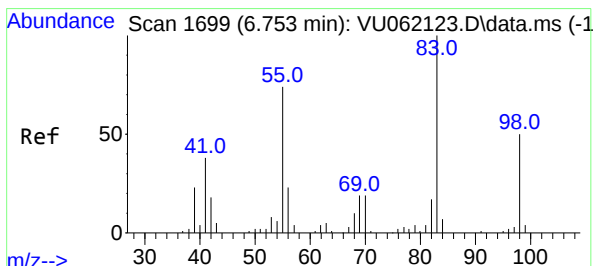
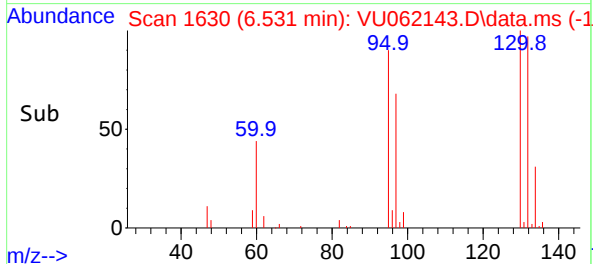
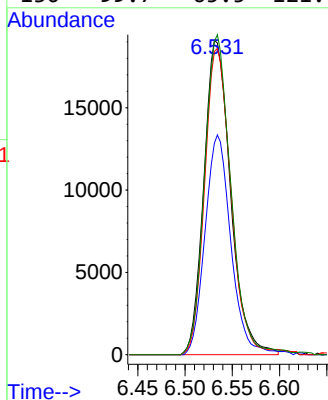
#34
Trichloroethene
Concen: 4.497 ug/L
RT: 6.531 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 37441

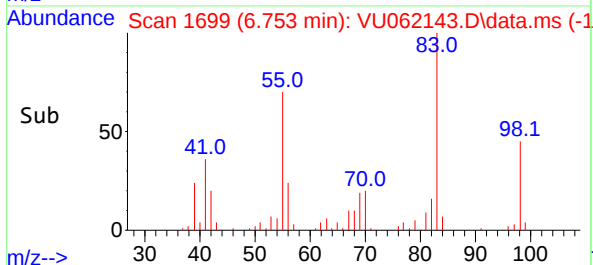
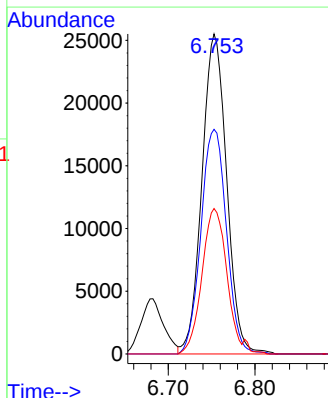
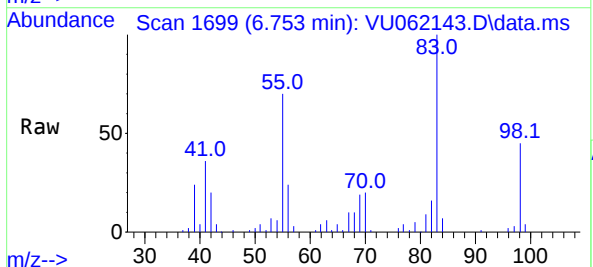
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.9	85.3
132	96.5	63.8	118.4
130	99.7	65.5	121.7

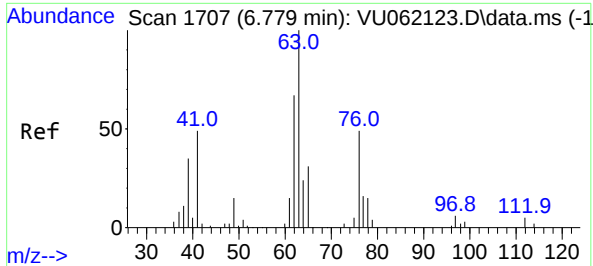


#35
Methylcyclohexane
Concen: 3.972 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

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

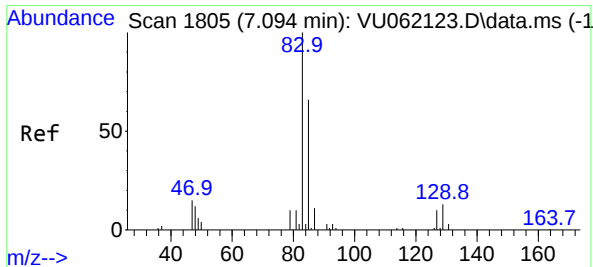
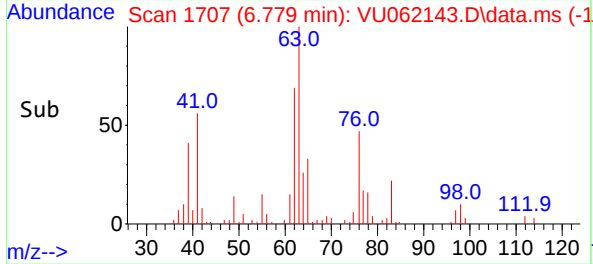
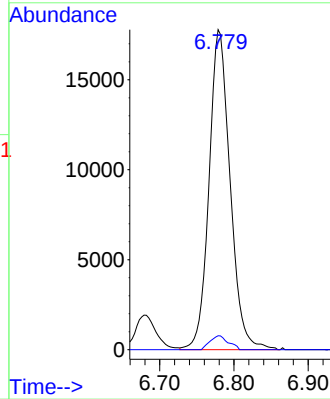
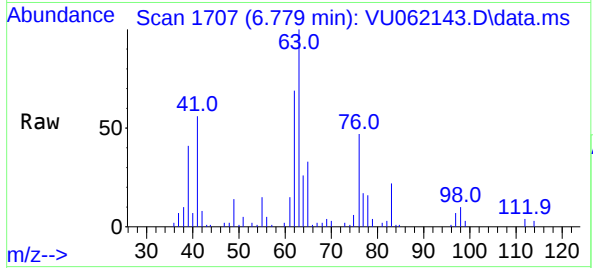




#37
1,2-Dichloropropane
Concen: 4.334 ug/L
RT: 6.779 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

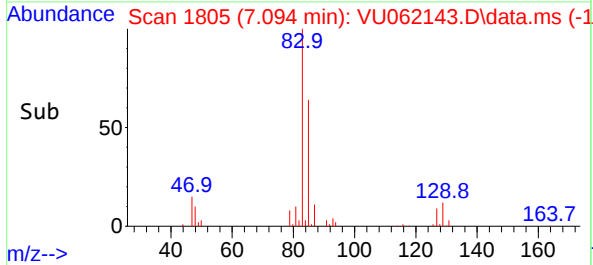
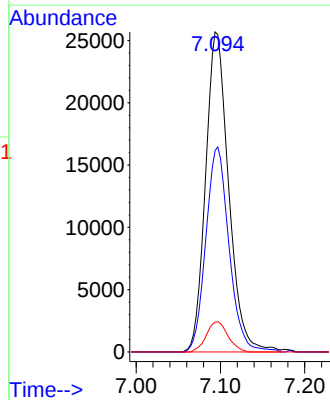
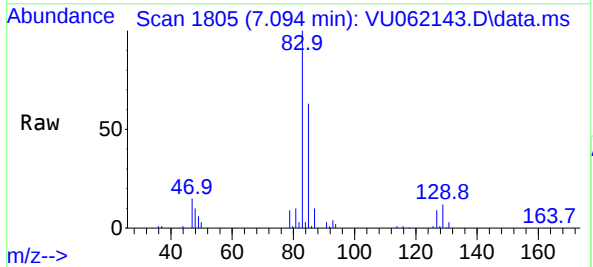
Instrument :
MSVOA_U
ClientSampleId :

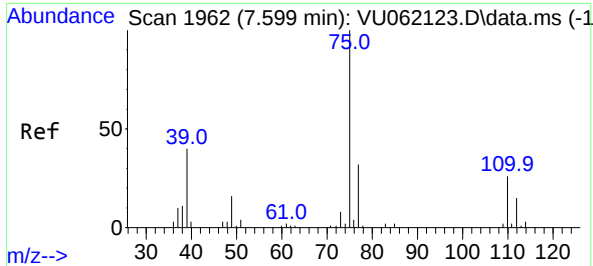
Tgt Ion: 63 Resp: 35118
Ion Ratio Lower Upper
63 100
112 3.8 3.4 5.0



#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

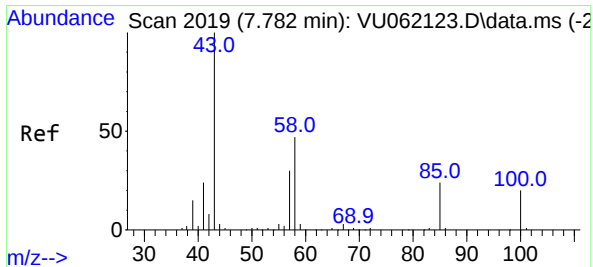
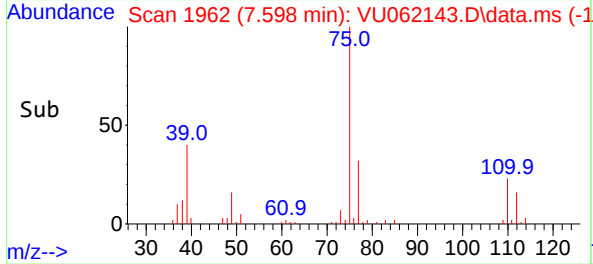
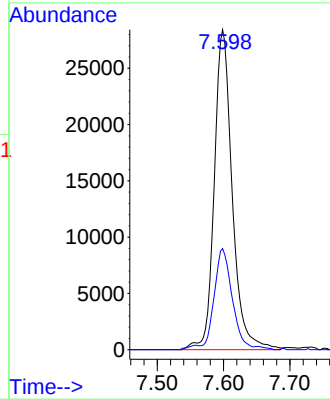
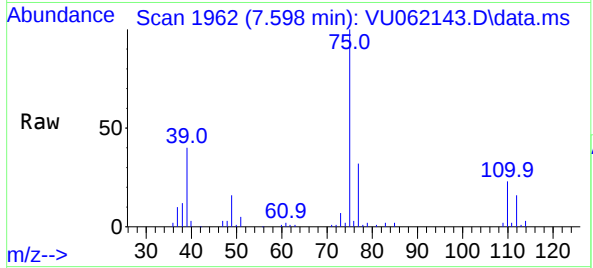




#39
cis-1,3-Dichloropropene
Concen: 4.716 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

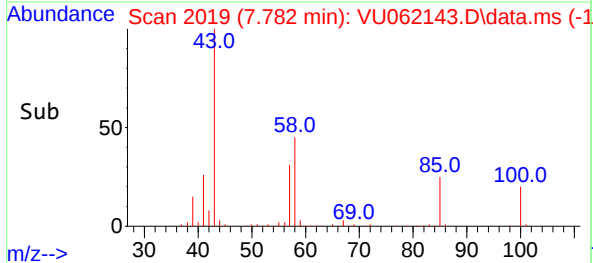
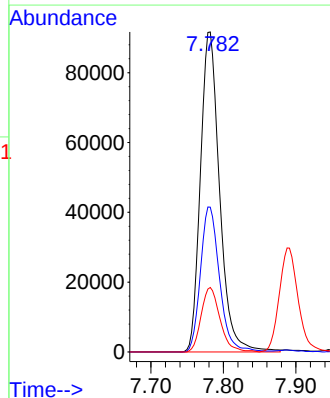
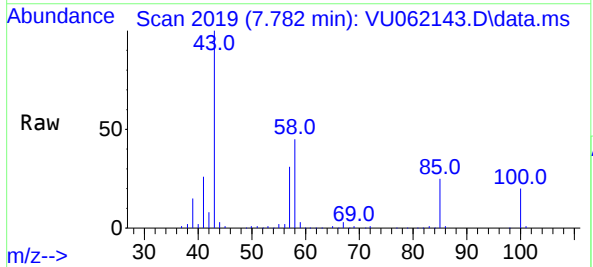
Instrument :
MSVOA_U
ClientSampleId :

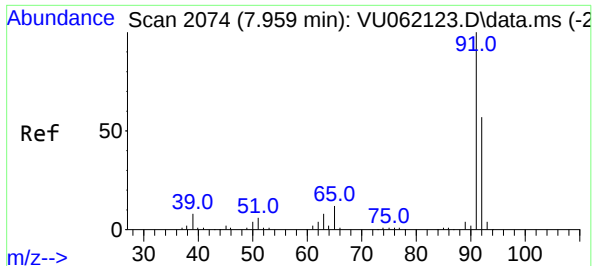
Tgt Ion: 75 Resp: 53585
Ion Ratio Lower Upper
75 100
77 31.6 22.3 41.3



#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

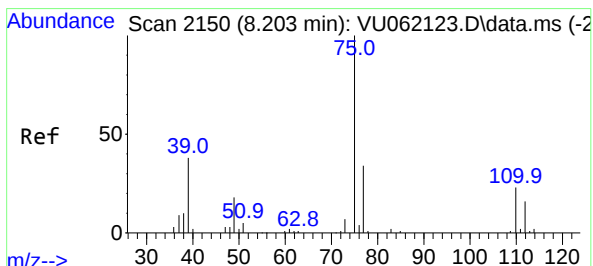
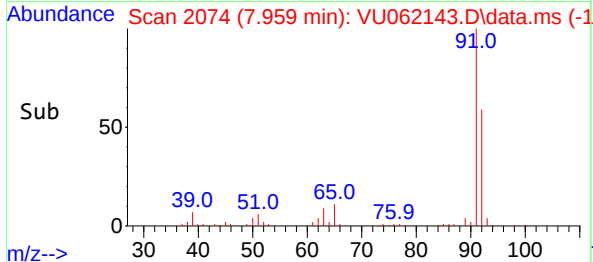
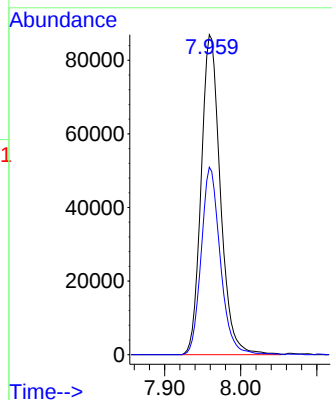
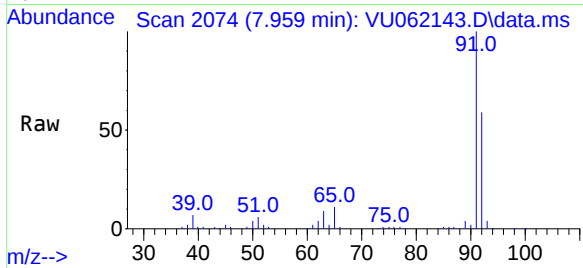
ClientSampleId :

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

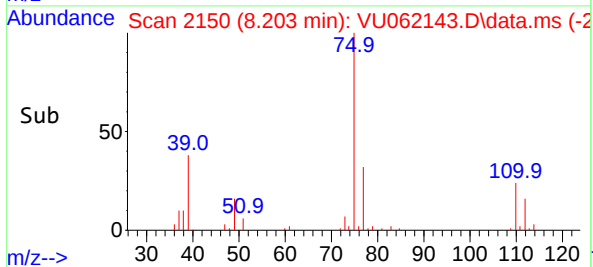
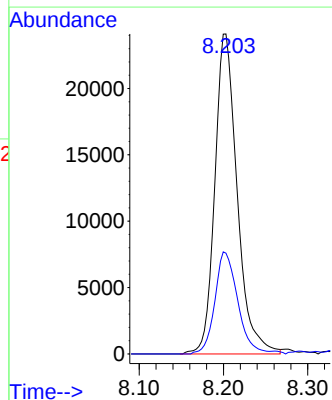
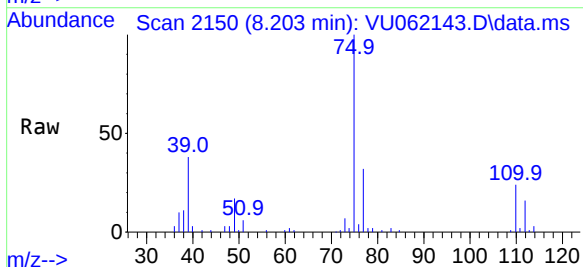
Acq: 06 Dec 2024 18:56

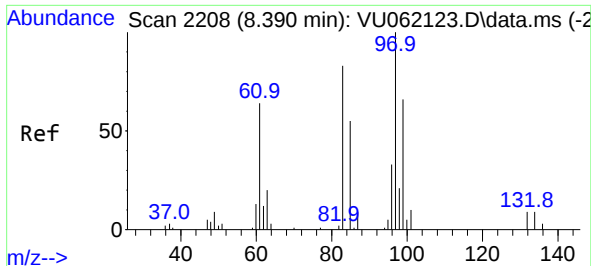
Tgt Ion: 75 Resp: 44357

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.4



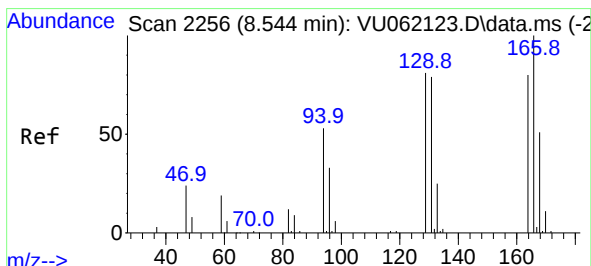
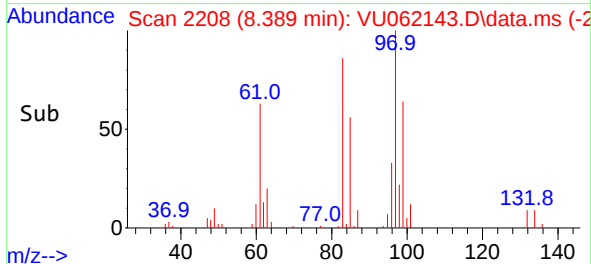
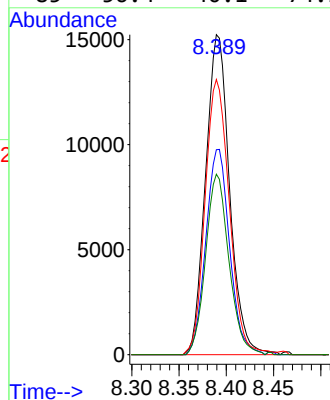
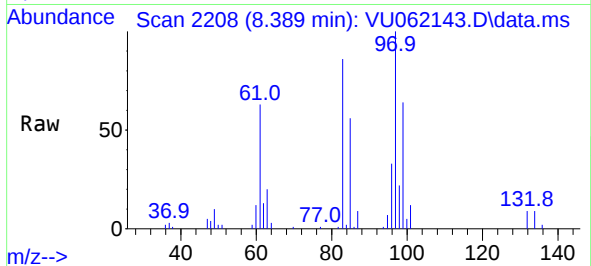


#45
1,1,2-Trichloroethane
Concen: 4.523 ug/L
RT: 8.389 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 27001

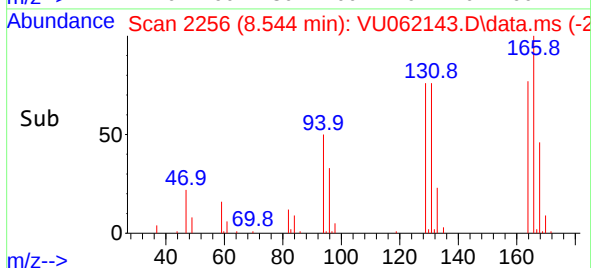
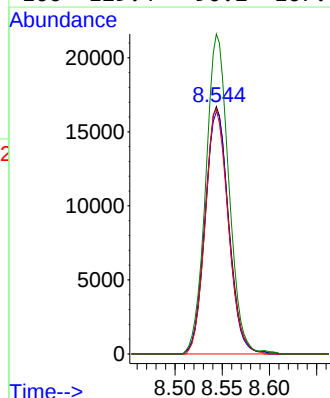
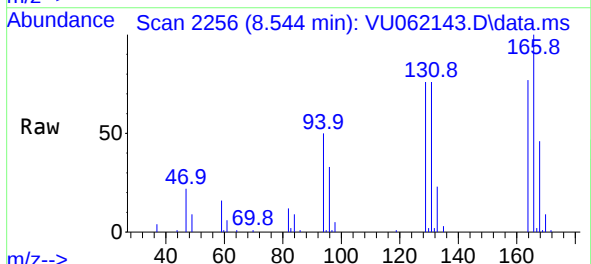
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.0	79.8
83	86.0	61.7	114.5
85	56.4	40.1	74.5

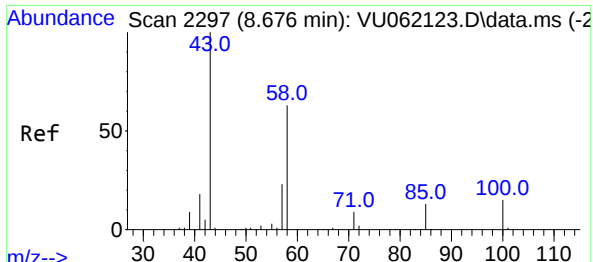


#47
Tetrachloroethene
Concen: 4.739 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

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



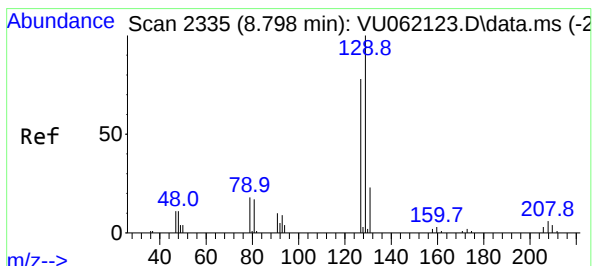
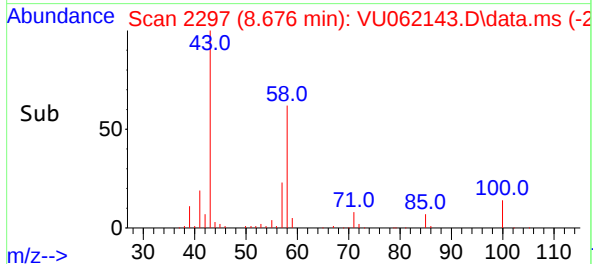
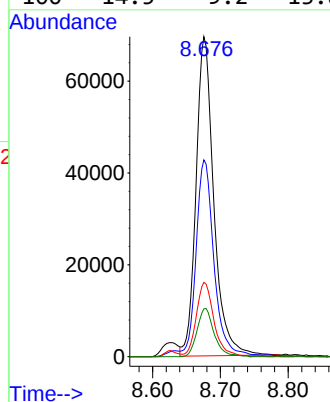
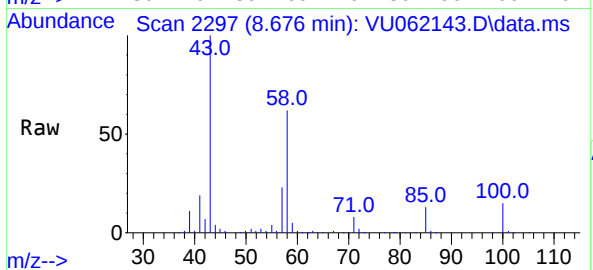


#48
2-Hexanone
Concen: 38.769 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 126953

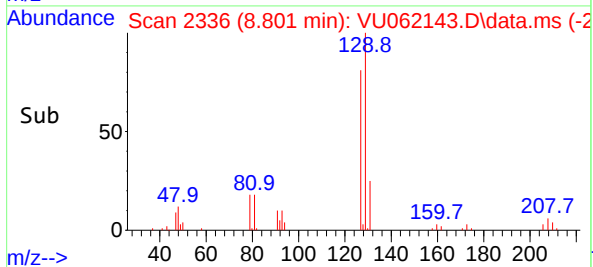
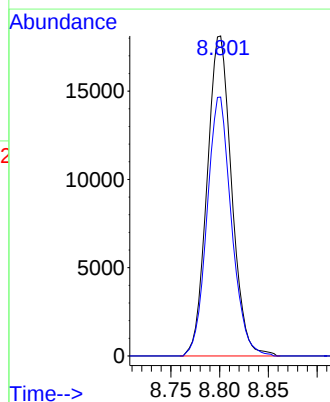
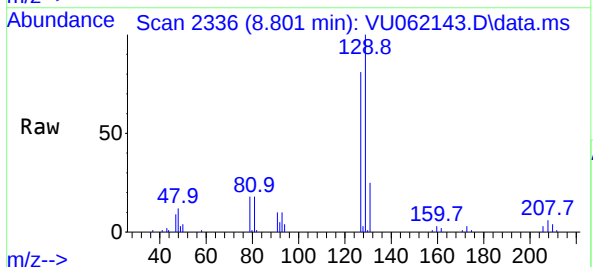
Ion	Ratio	Lower	Upper
43	100		
58	60.6	47.5	71.3
57	23.2	15.6	23.4
100	14.5	9.2	13.8

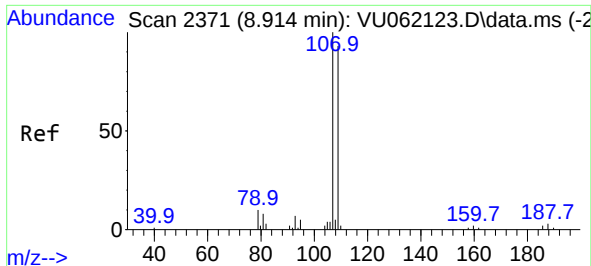


#49
Dibromochloromethane
Concen: 5.046 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Tgt Ion: 129 Resp: 31821

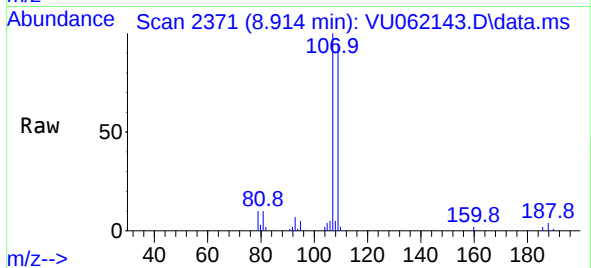
Ion	Ratio	Lower	Upper
129	100		
127	80.9	51.1	94.9



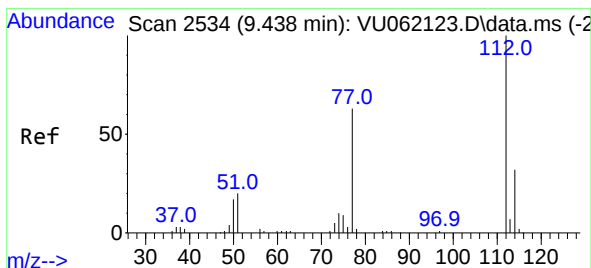
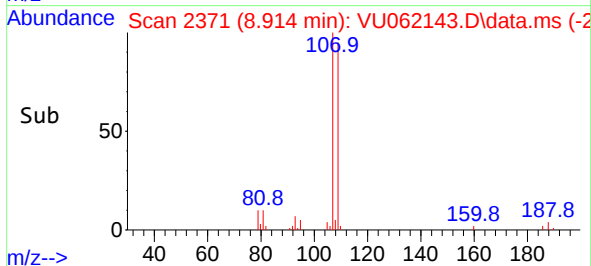
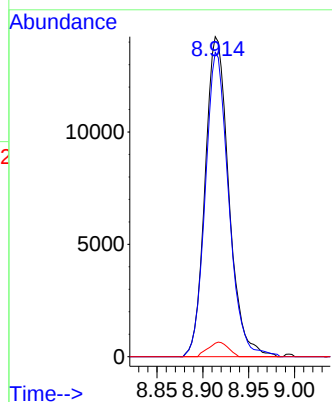


#50
1,2-Dibromoethane
Concen: 4.323 ug/L
RT: 8.914 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :

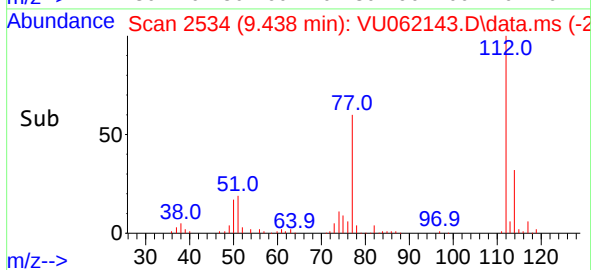
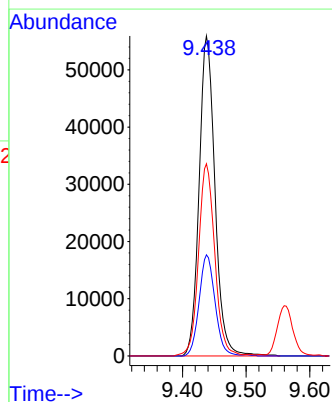
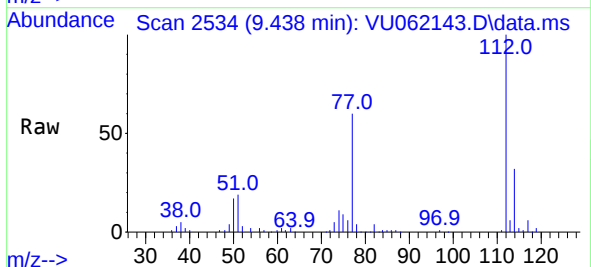


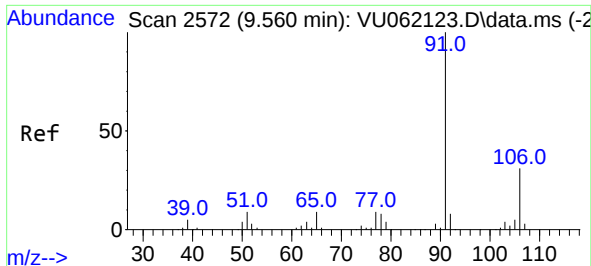
Tgt Ion:107 Resp: 25616
Ion Ratio Lower Upper
107 100
109 95.1 66.8 124.2
188 4.2 2.3 3.5#



#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

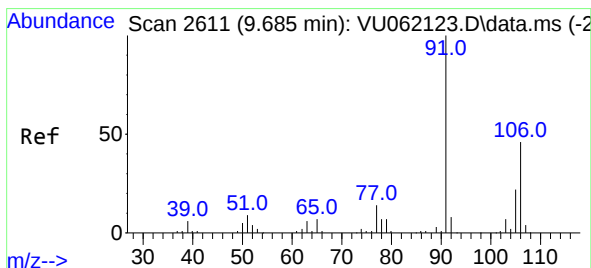
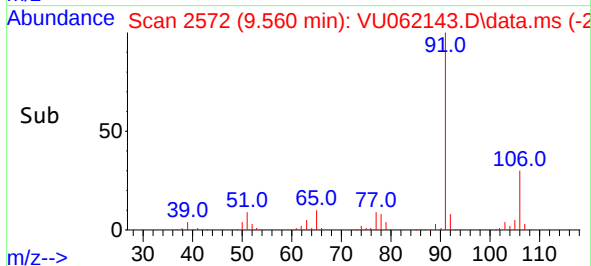
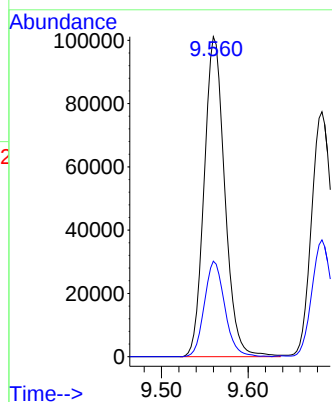
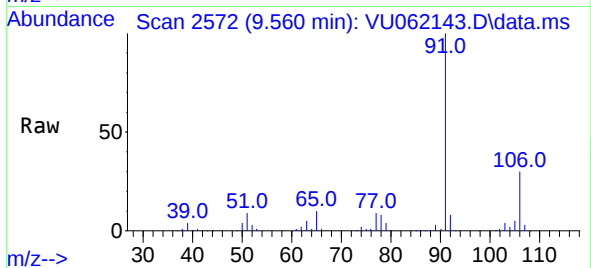




#52
Ethylbenzene
Concen: 4.261 ug/L
RT: 9.560 min Scan# 2572
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

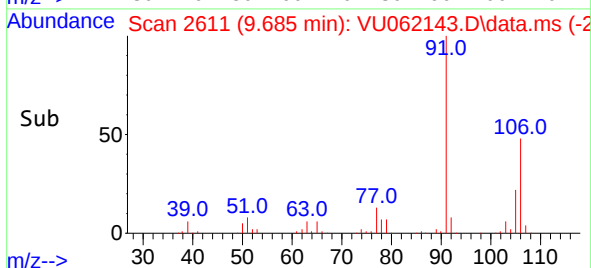
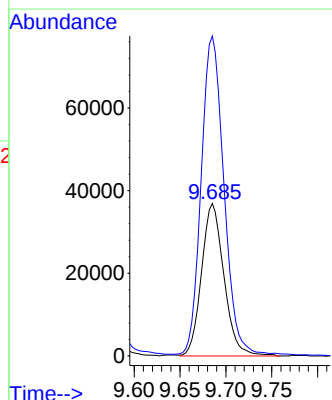
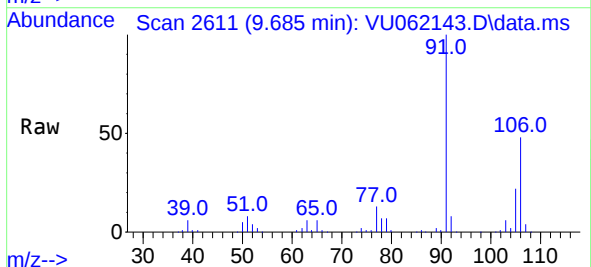
Instrument :
MSVOA_U
ClientSampleId :

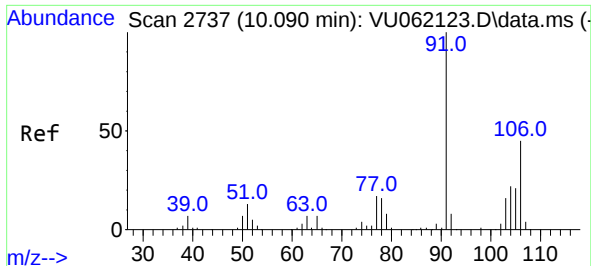
Tgt Ion: 91 Resp: 166904
Ion Ratio Lower Upper
91 100
106 29.9 21.6 40.0



#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

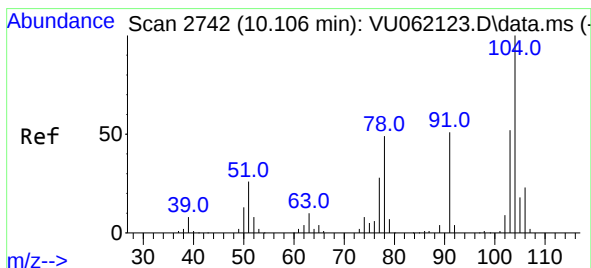
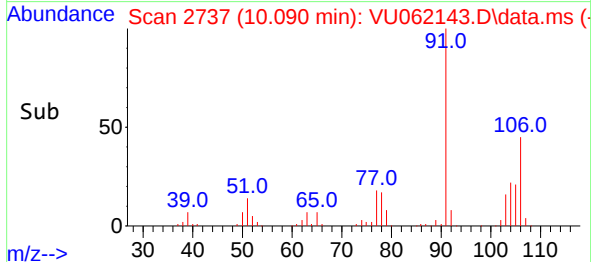
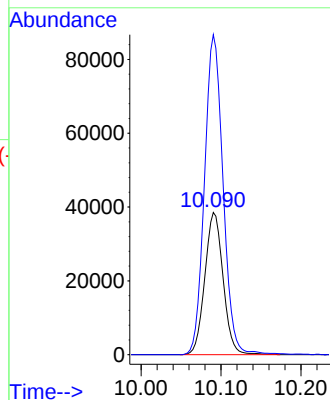
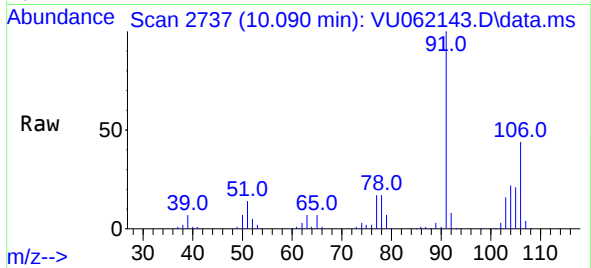




#54
o-Xylene
Concen: 4.404 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

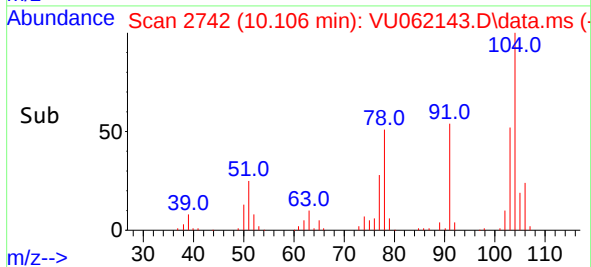
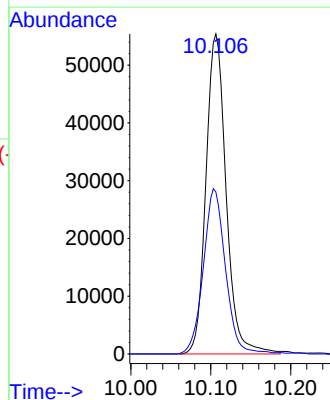
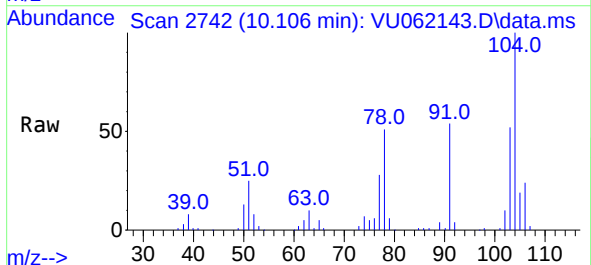
Instrument :
MSVOA_U
ClientSampleId :

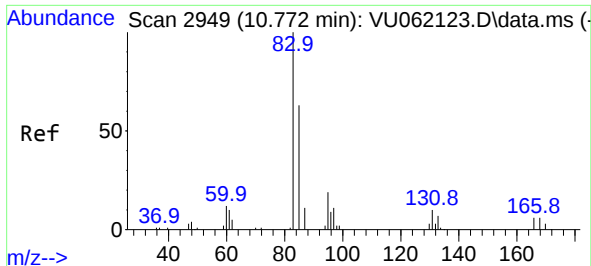
Tgt Ion:106 Resp: 61442
Ion Ratio Lower Upper
106 100
91 224.9 159.8 296.8



#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

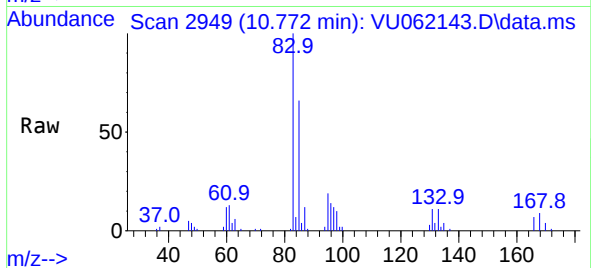
Tgt Ion:104 Resp: 97382
Ion Ratio Lower Upper
104 100
78 50.6 33.2 61.7



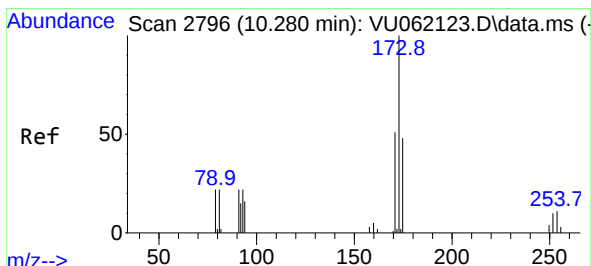
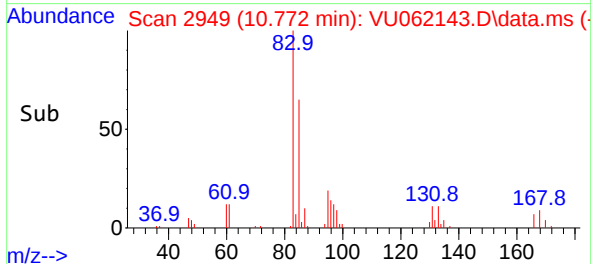
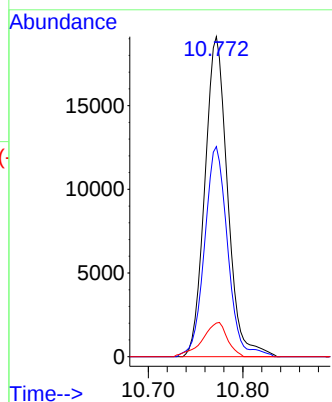


#57
1,1,2,2-Tetrachloroethane
Concen: 4.162 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :

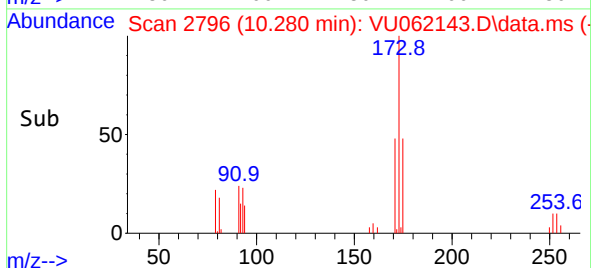
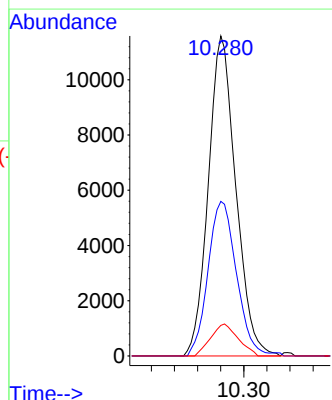
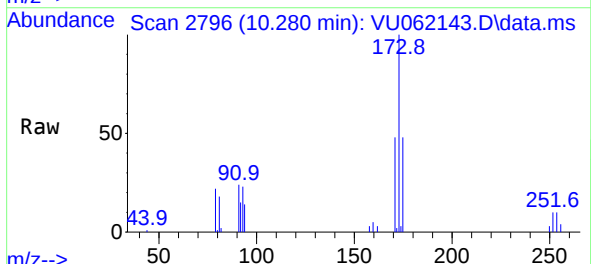


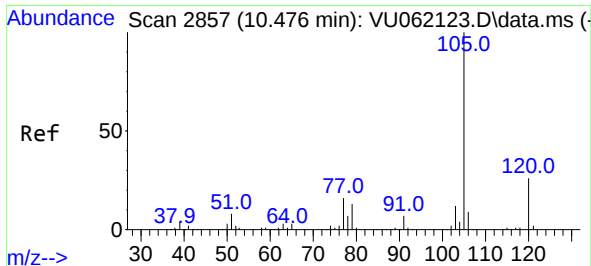
Tgt Ion: 83 Resp: 31841
Ion Ratio Lower Upper
83 100
85 65.7 44.4 82.4
131 10.5 7.3 10.9



#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

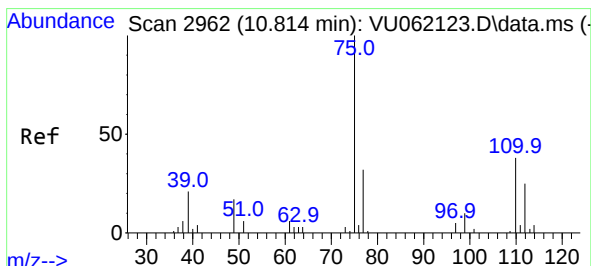
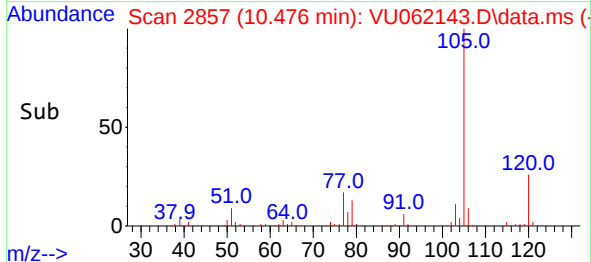
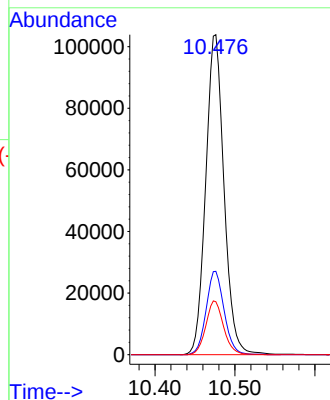
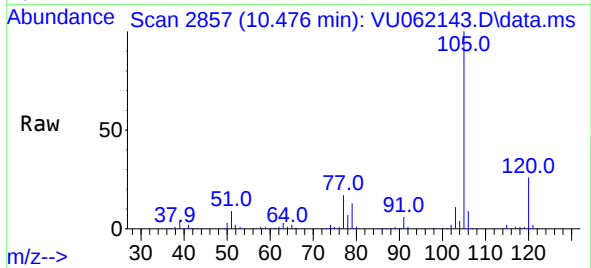




#60
Isopropylbenzene
Concen: 4.012 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

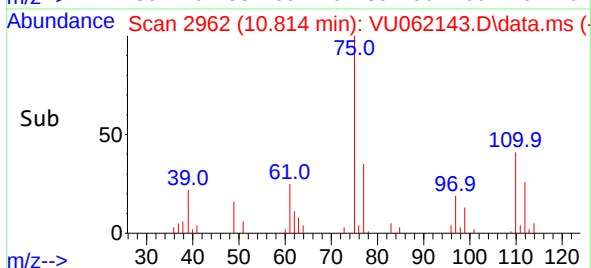
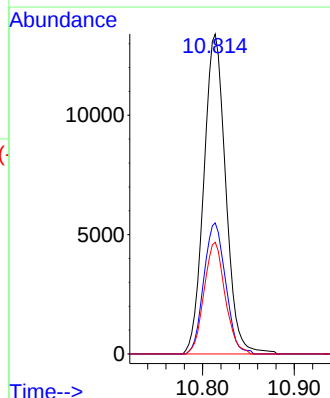
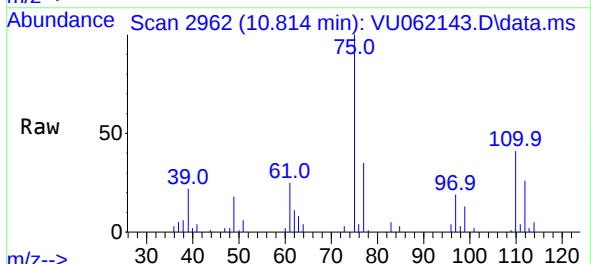
Instrument :
MSVOA_U
ClientSampleId :

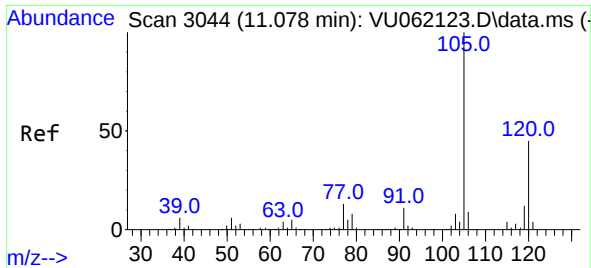
Tgt Ion:105 Resp: 165556
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.4 13.0 19.6



#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

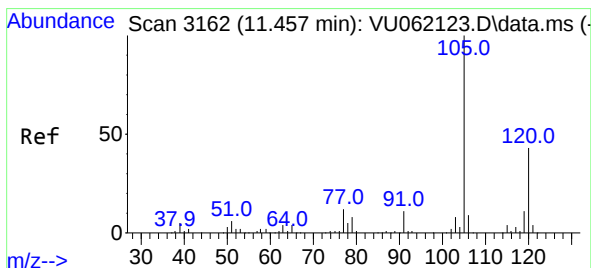
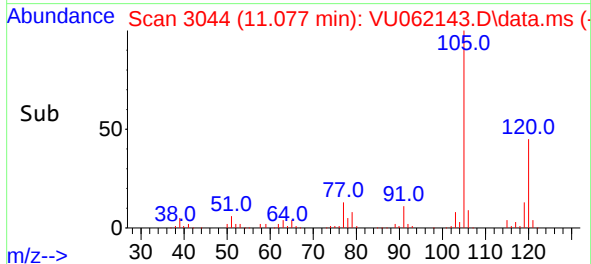
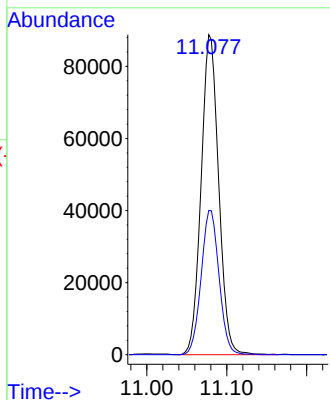
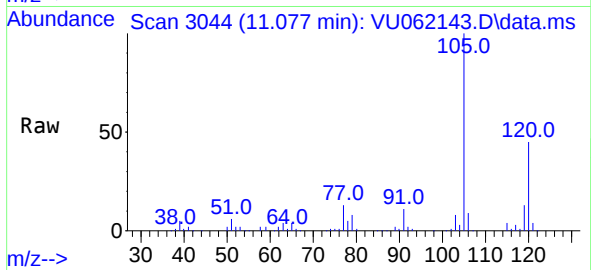




#62
1,3,5-Trimethylbenzene
Concen: 4.122 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

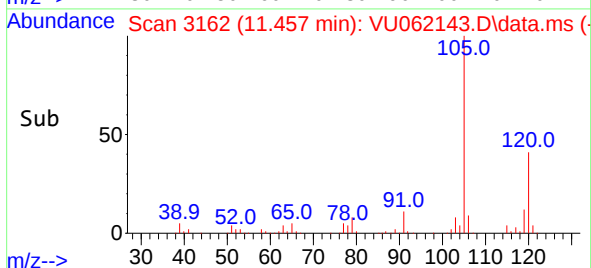
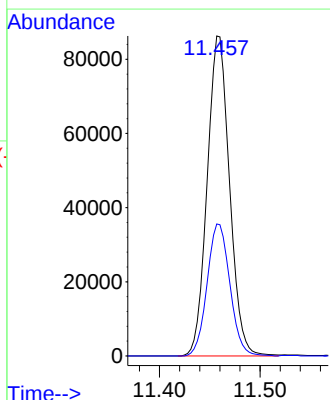
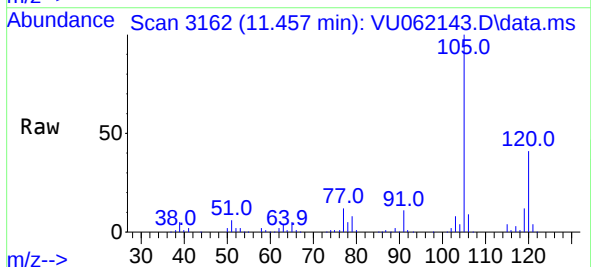
Instrument :
MSVOA_U
ClientSampleId :

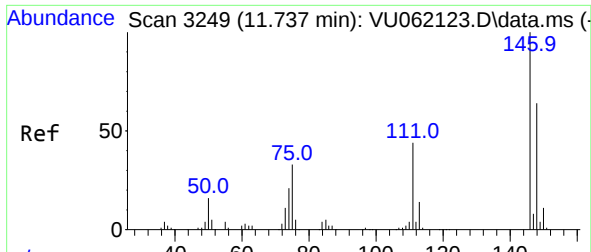
Tgt Ion:105 Resp: 135694
Ion Ratio Lower Upper
105 100
120 45.9 36.7 55.1



#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 :

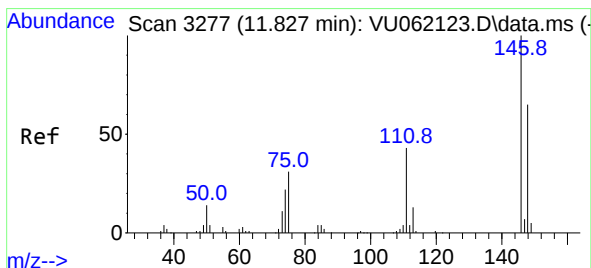
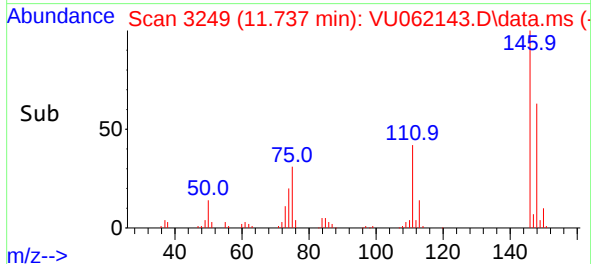
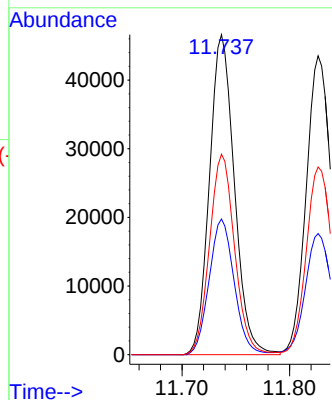
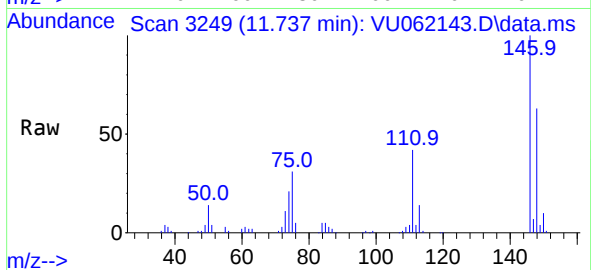
Tgt Ion:146 Resp: 74992

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

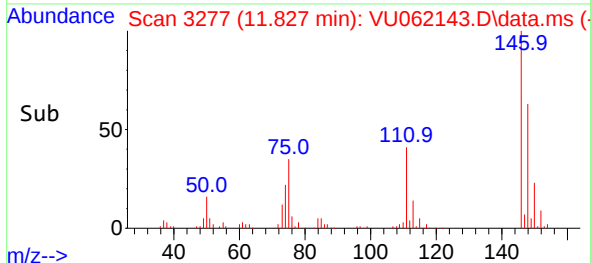
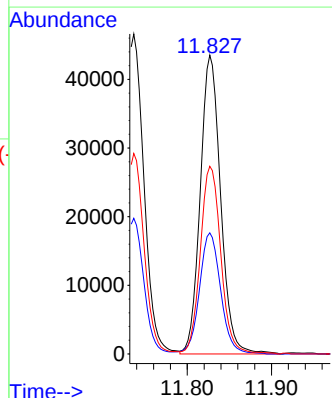
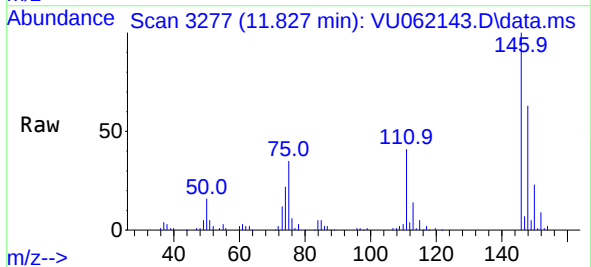
Tgt Ion:146 Resp: 73517

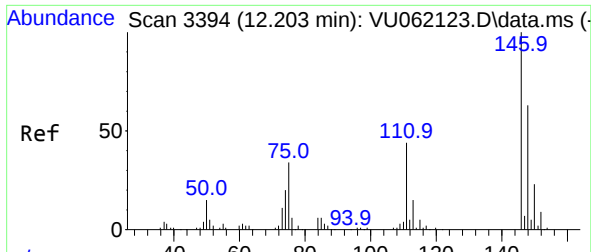
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.003 min

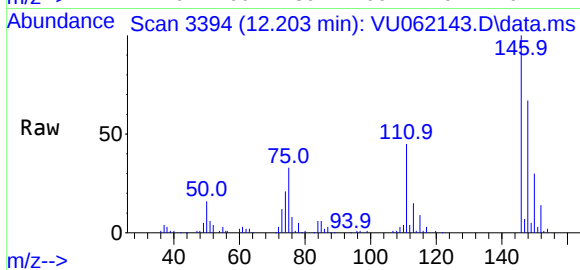
Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :



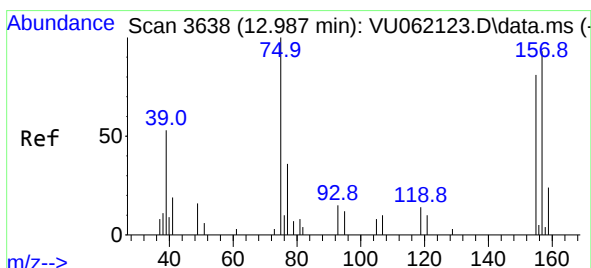
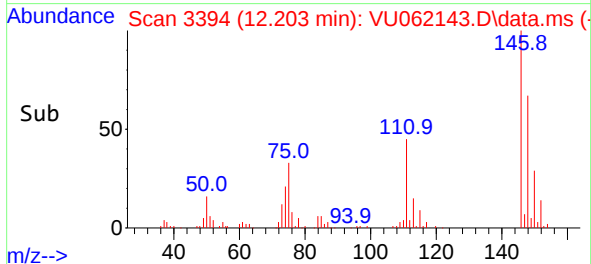
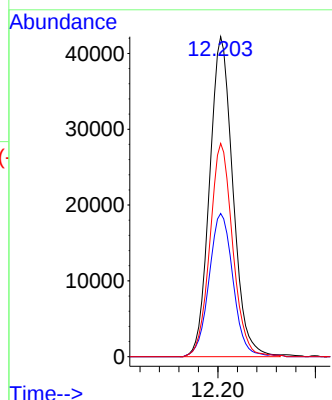
Tgt Ion:146 Resp: 70042

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

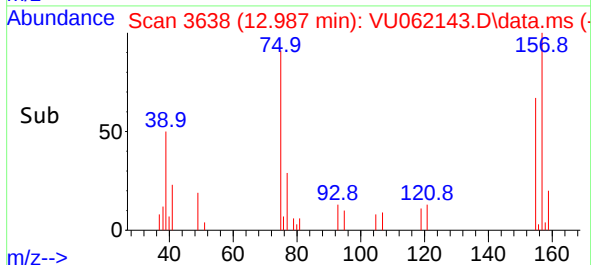
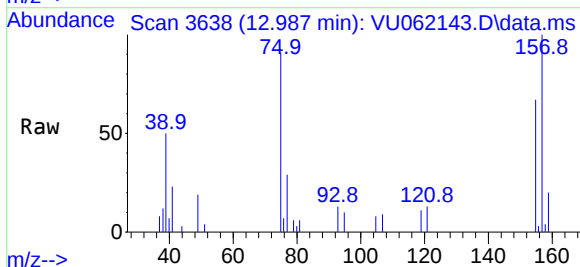
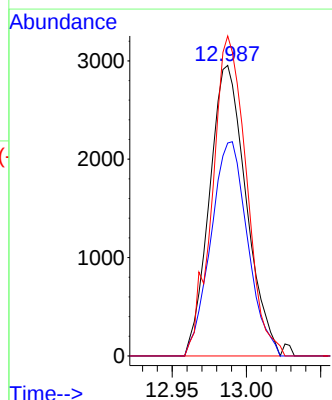
Tgt Ion: 75 Resp: 5064

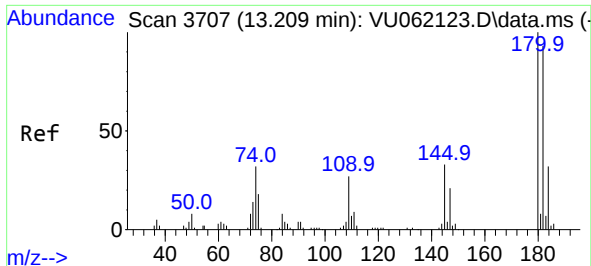
Ion Ratio Lower Upper

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# 31

Delta R.T. -0.000 min

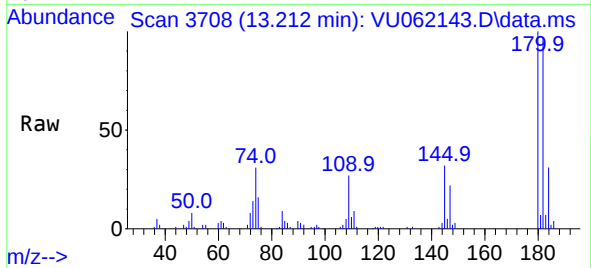
Lab File: VU062143.D

Acq: 06 Dec 2024 18:56

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 50539

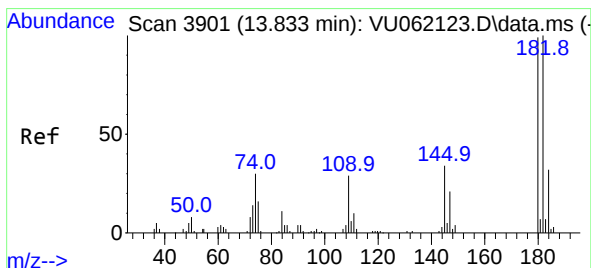
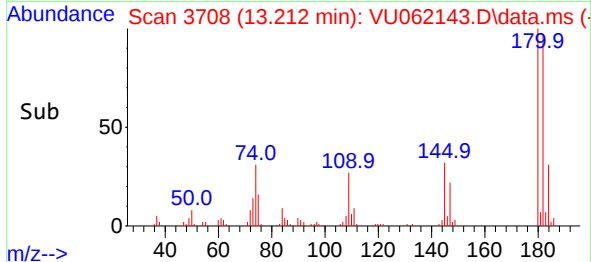
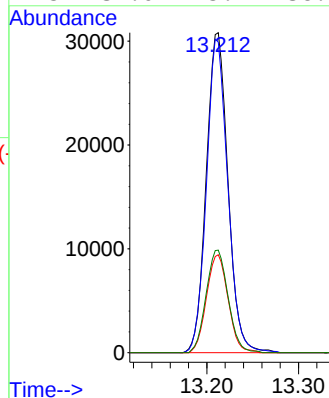
Ion Ratio Lower Upper

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

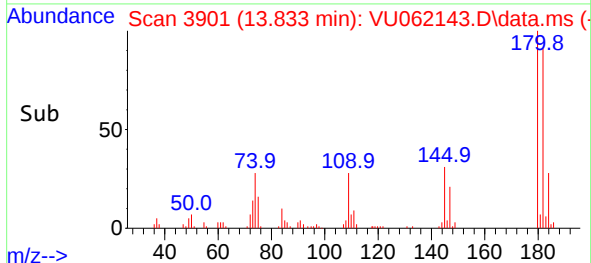
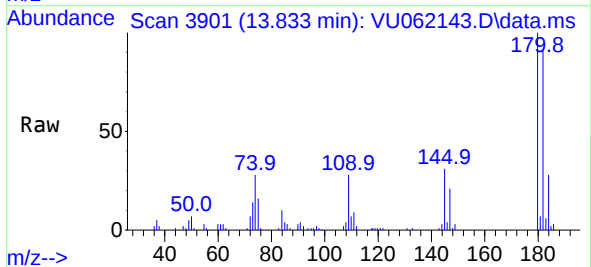
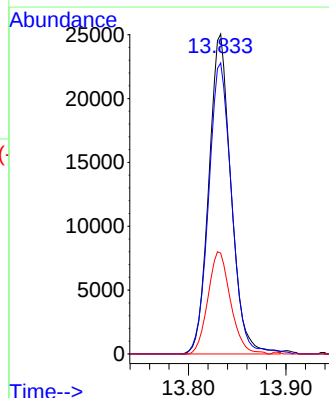
Tgt Ion:180 Resp: 39654

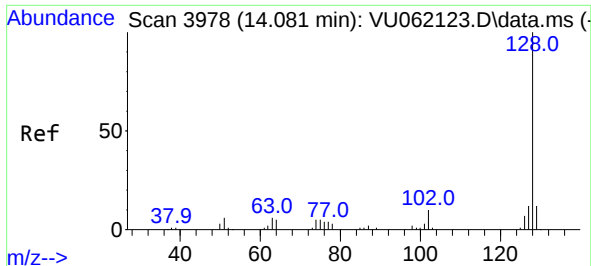
Ion Ratio Lower Upper

180 100

182 94.7 74.5 111.7

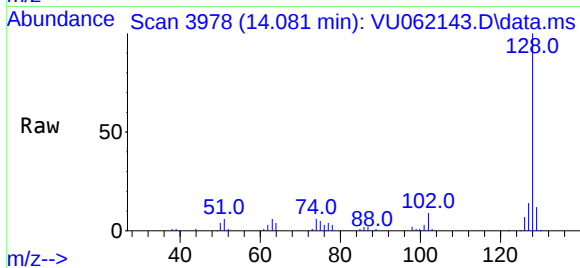
145 32.5 25.6 38.4





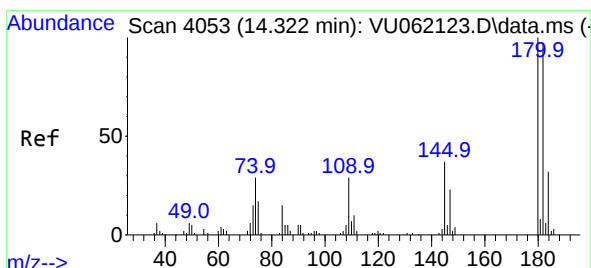
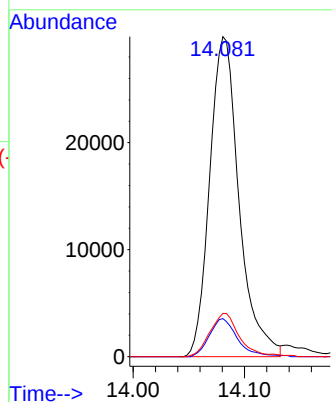
#71
Naphthalene
Concen: 4.068 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU062143.D
Acq: 06 Dec 2024 18:56

Instrument :
MSVOA_U
ClientSampleId :



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

