

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU123124\
 Data File : VU062645.D
 Acq On : 31 Dec 2024 14:29
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 01 00:18:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	94187	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	86499	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	46536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19871	3.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.901	69	18360	4.063	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.200%
11) 1,1-Dichloroethene-d2	2.557	65	10946	3.622	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	4.615	46	57022	46.834	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.660%
24) Chloroform-d	5.052	84	61216	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	33098	4.895	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.718	84	100663	4.041	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.679	67	29549	4.145	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.891	98	98126	4.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.174	79	14868	4.739	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.624	63	49233	52.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.020%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	25976	4.683	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.600%
66) 1,2-Dichlorobenzene-d4	12.184	152	38087	4.441	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	36720	4.162	ug/L	98
3) Chloromethane	1.515	50	25683	3.714	ug/L	99
5) Vinyl chloride	1.599	62	29809	4.140	ug/L	99
6) Bromomethane	1.843	94	22158	4.617	ug/L	98
8) Chloroethane	1.920	64	18992	4.709	ug/L	97
9) Trichlorofluoromethane	2.129	101	65377	5.231	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	32615	4.795	ug/L	95
12) 1,1-Dichloroethene	2.567	96	28388	4.464	ug/L #	87
13) Acetone	2.618	43	41469	50.023	ug/L	98
14) Carbon disulfide	2.782	76	72175	3.589	ug/L	99
15) Methyl Acetate	2.943	43	9641	4.640	ug/L #	90
16) Methylene chloride	3.033	84	32965	4.938	ug/L	87
17) Methyl tert-butyl Ether	3.351	73	87067	5.496	ug/L	97
18) trans-1,2-Dichloroethene	3.342	96	29992	4.590	ug/L	84
19) 1,1-Dichloroethane	3.856	63	57884	4.833	ug/L #	94
21) 2-Butanone	4.692	43	61163	50.804	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	36600	4.997	ug/L	90
23) Bromochloromethane	4.962	128	16936	5.275	ug/L #	81
25) Chloroform	5.075	83	71752	5.319	ug/L	99

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 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Jan 01 00:18:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 01 00:16:18 2025
 Response via : Initial Calibration

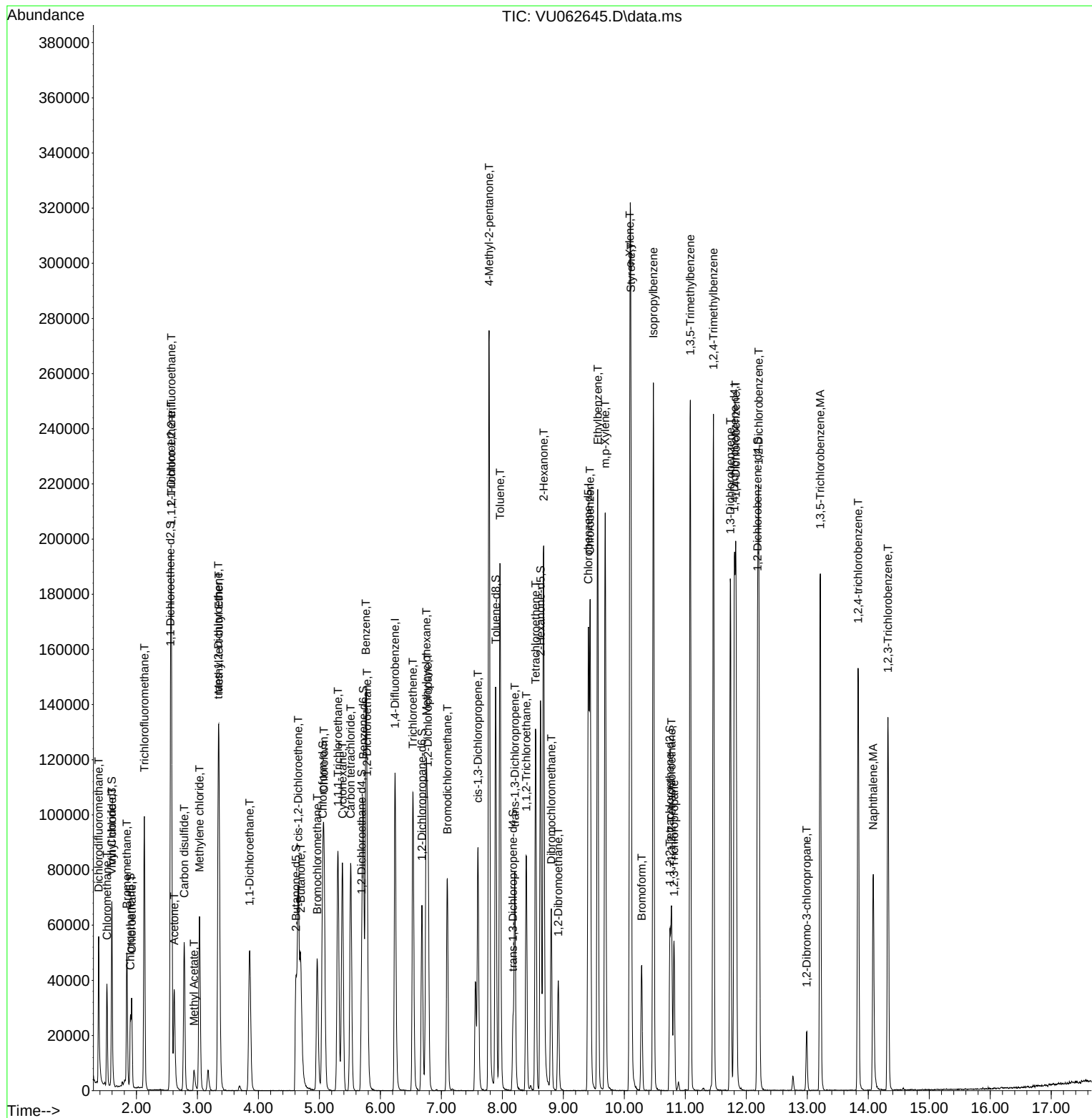
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	46705	5.448	ug/L #	94
29) 1,1,1-Trichloroethane	5.303	97	67116	5.516	ug/L	95
30) Cyclohexane	5.377	56	38799	3.932	ug/L	86
31) Carbon tetrachloride	5.512	117	59552	5.337	ug/L	99
33) Benzene	5.763	78	125432	4.679	ug/L	100
34) Trichloroethene	6.531	95	39216	5.165	ug/L	97
35) Methylcyclohexane	6.753	83	47719	4.239	ug/L	93
37) 1,2-Dichloropropane	6.779	63	32181	4.930	ug/L	98
38) Bromodichloromethane	7.097	83	50504	5.484	ug/L	95
39) cis-1,3-Dichloropropene	7.599	75	52086	4.978	ug/L	97
40) 4-Methyl-2-pentanone	7.782	43	153258	50.094	ug/L #	91
42) Toluene	7.962	91	138882	4.805	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	45914	5.374	ug/L	99
45) 1,1,2-Trichloroethane	8.390	97	26124	5.301	ug/L	97
47) Tetrachloroethene	8.544	164	28874	4.925	ug/L	95
48) 2-Hexanone	8.676	43	110633	48.931	ug/L #	96
49) Dibromochloromethane	8.801	129	34230	5.749	ug/L	93
50) 1,2-Dibromoethane	8.917	107	25819	5.452	ug/L #	99
51) Chlorobenzene	9.438	112	91969	4.966	ug/L	98
52) Ethylbenzene	9.563	91	158512	4.891	ug/L	99
53) m,p-Xylene	9.685	106	59521	4.975	ug/L	92
54) o-Xylene	10.091	106	58701	5.044	ug/L	97
55) Styrene	10.107	104	99129	5.168	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	29299	5.109	ug/L #	97
59) Bromoform	10.283	173	21127	5.777	ug/L	98
60) Isopropylbenzene	10.476	105	164211	4.885	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	22437	5.214	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	138641	4.873	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	139155	4.992	ug/L	97
64) 1,3-Dichlorobenzene	11.737	146	76770	4.971	ug/L	98
65) 1,4-Dichlorobenzene	11.827	146	75295	4.842	ug/L	98
67) 1,2-Dichlorobenzene	12.203	146	71838	5.034	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.988	75	6011	6.404	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	58704	5.114	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	48563	5.358	ug/L	99
71) Naphthalene	14.081	128	71121	5.226	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	43247	5.411	ug/L	98

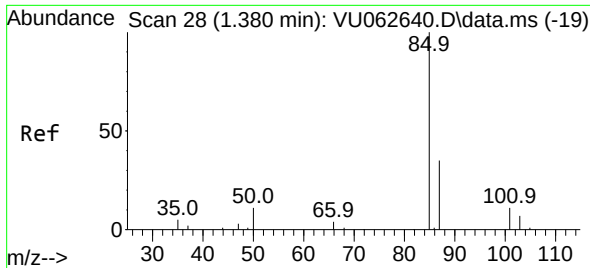
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VU062645.D
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Misc : 25mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

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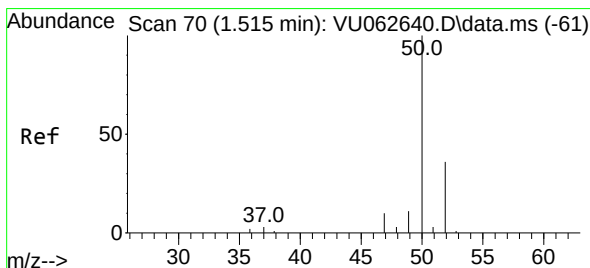
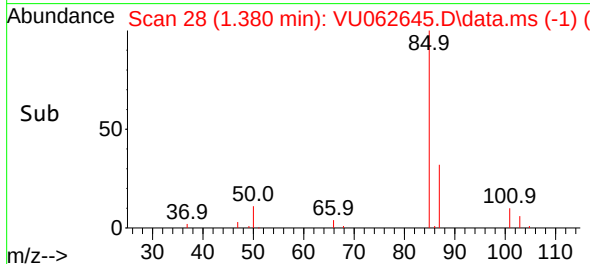
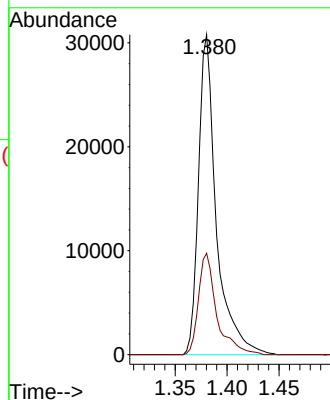
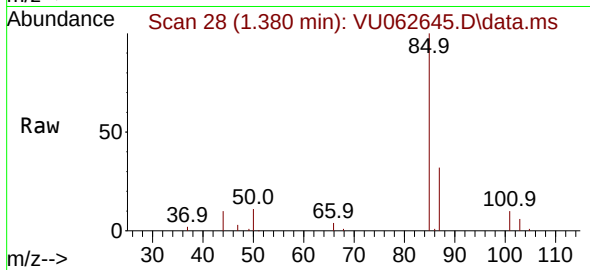




#2
 Dichlorodifluoromethane
 Concen: 4.162 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

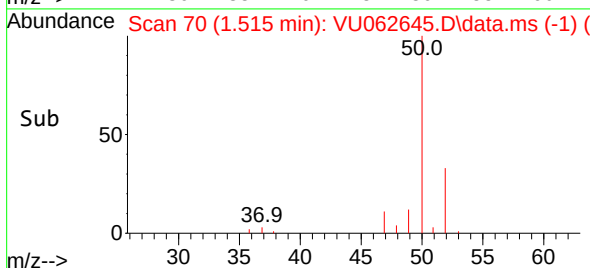
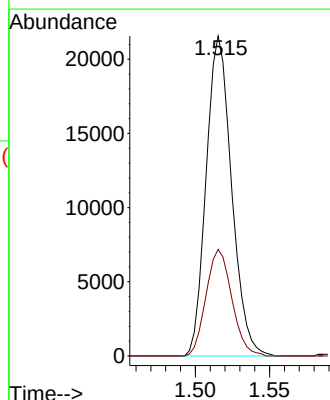
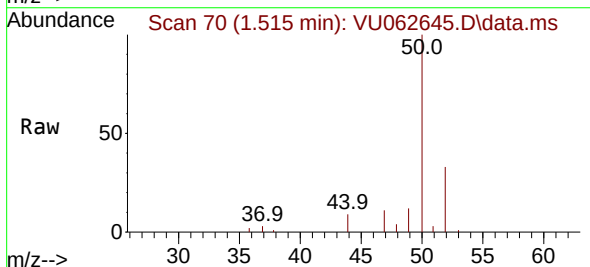
Instrument :
 MSVOA_U
 ClientSampleId :

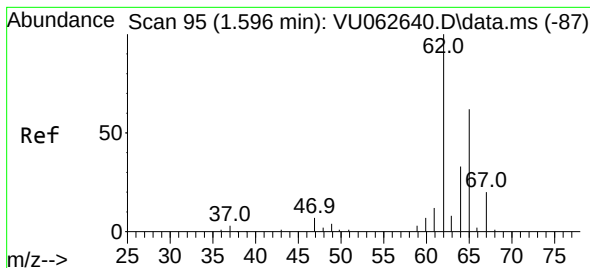
Tgt Ion: 85 Resp: 36720
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.6 40.0



#3
 Chloromethane
 Concen: 3.714 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

Tgt Ion: 50 Resp: 25683
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.1 42.9





#5

Vinyl chloride

Concen: 4.140 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.003 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

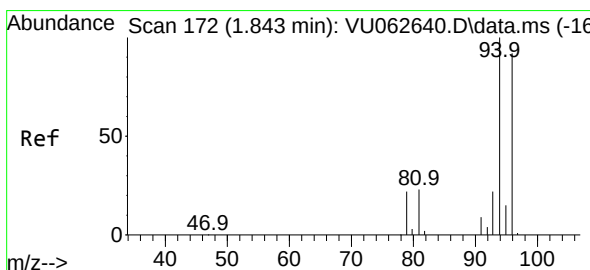
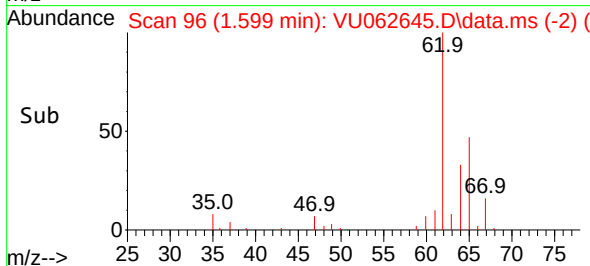
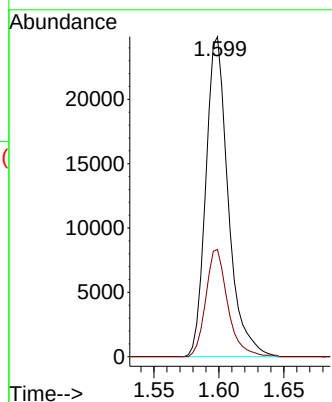
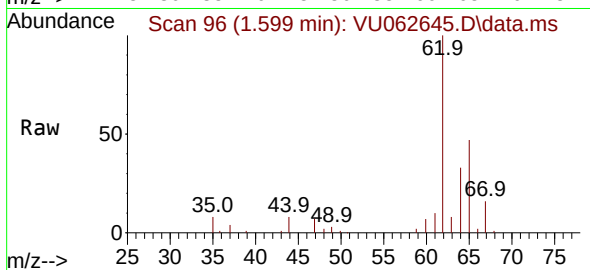
ClientSampleId :

Tgt Ion: 62 Resp: 29809

Ion Ratio Lower Upper

62 100

64 33.5 23.1 42.9



#6

Bromomethane

Concen: 4.617 ug/L

RT: 1.843 min Scan# 172

Delta R.T. 0.000 min

Lab File: VU062645.D

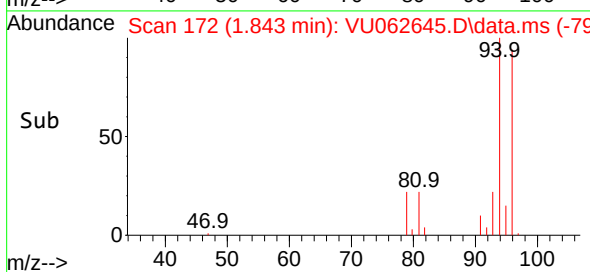
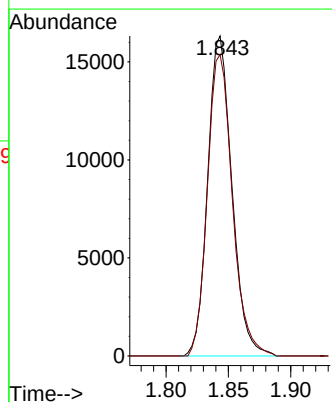
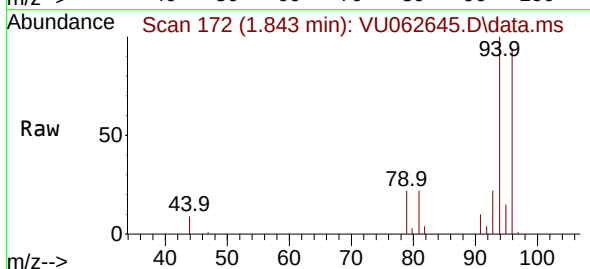
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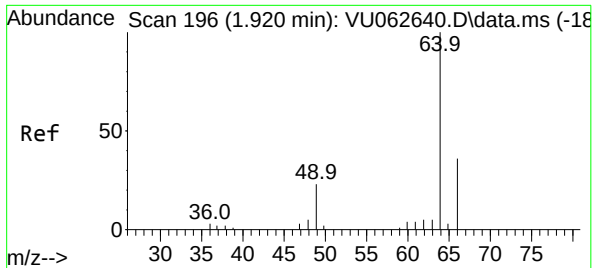
Tgt Ion: 94 Resp: 22158

Ion Ratio Lower Upper

94 100

96 94.2 64.5 119.9

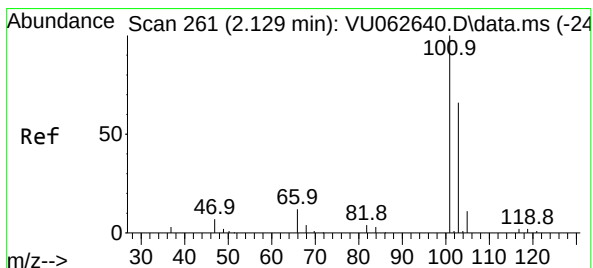
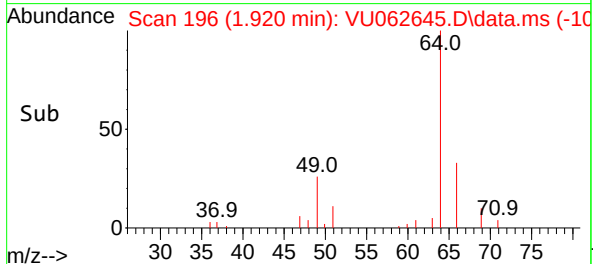
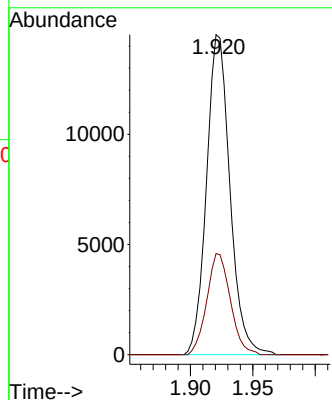
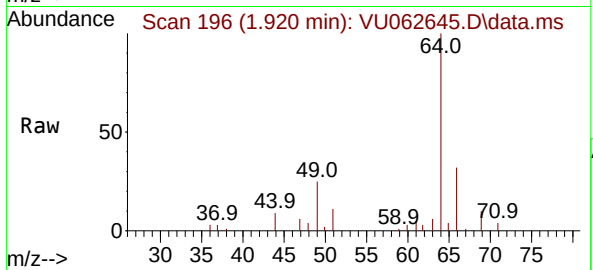




#8
Chloroethane
Concen: 4.709 ug/L
RT: 1.920 min Scan# 196
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

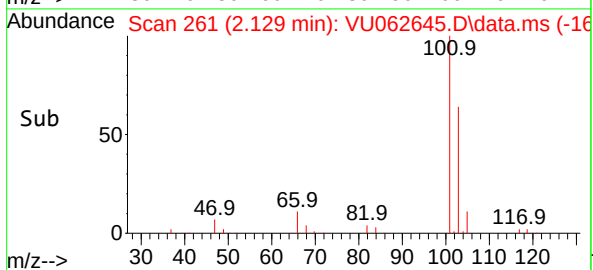
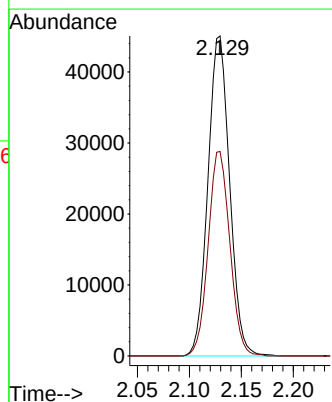
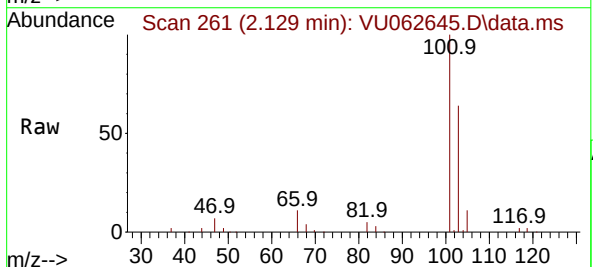
Instrument :
MSVOA_U
ClientSampleId :

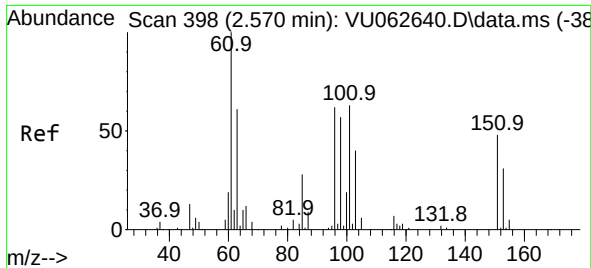
Tgt Ion: 64 Resp: 18992
Ion Ratio Lower Upper
64 100
66 31.6 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.231 ug/L
RT: 2.129 min Scan# 261
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:101 Resp: 65377
Ion Ratio Lower Upper
101 100
103 63.8 50.6 75.8

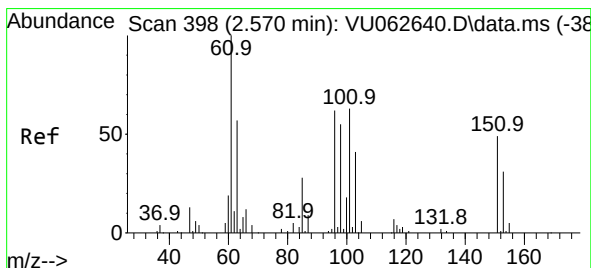
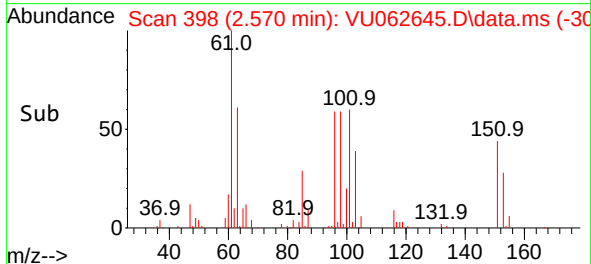
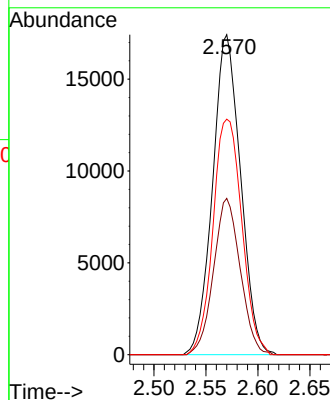
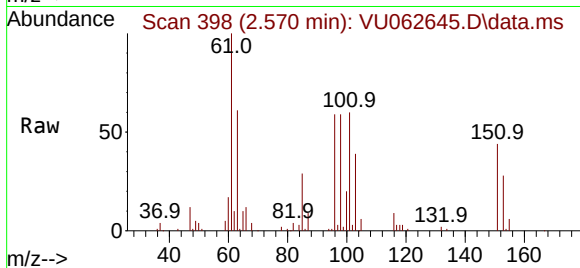




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.795 ug/L
 RT: 2.570 min Scan# 398
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

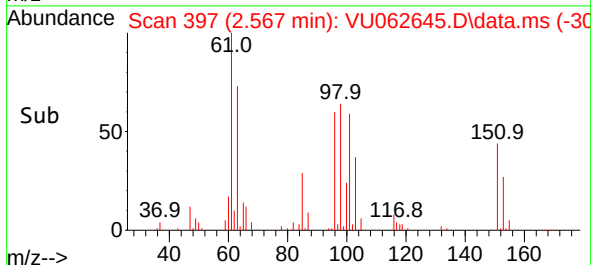
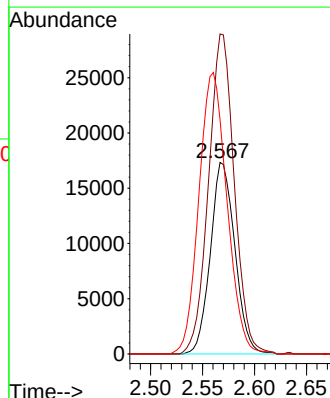
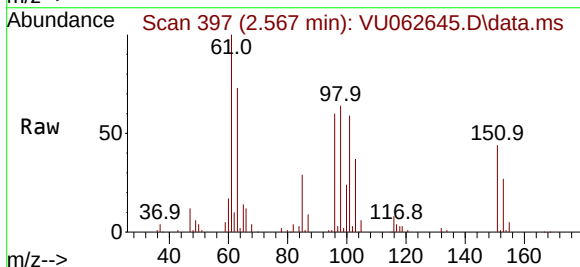
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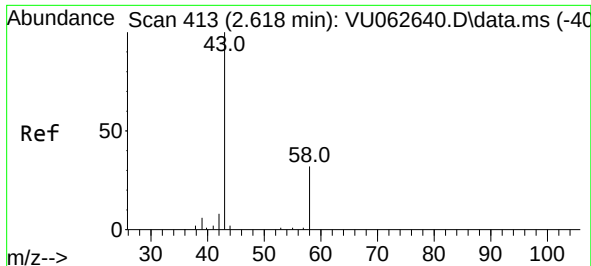
Tgt Ion:101 Resp: 32615
 Ion Ratio Lower Upper
 101 100
 85 46.6 38.0 57.0
 151 75.9 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 4.464 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.003 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

Tgt Ion: 96 Resp: 28388
 Ion Ratio Lower Upper
 96 100
 61 167.1 119.6 222.2
 63 122.4 65.0 120.6#





#13

Acetone

Concen: 50.023 ug/L

RT: 2.618 min Scan# 413

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

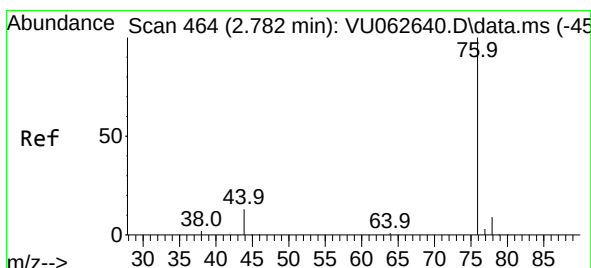
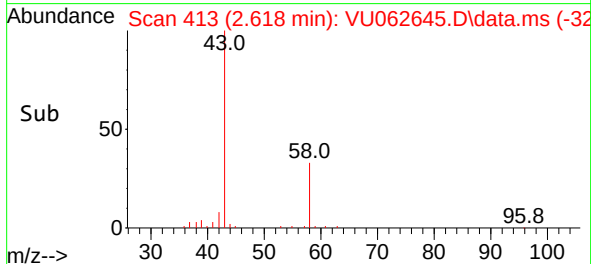
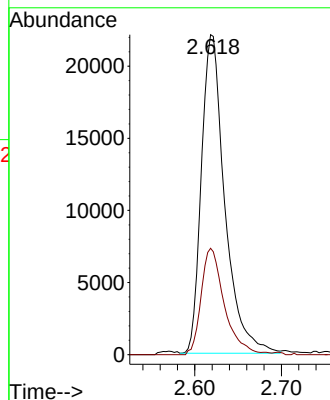
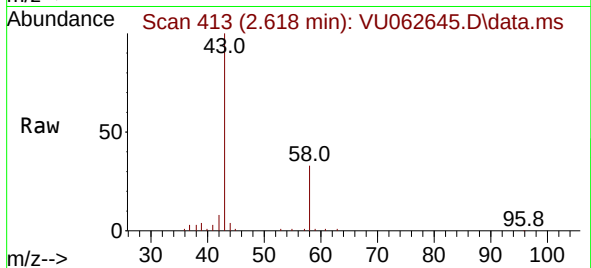
ClientSampleId :

Tgt Ion: 43 Resp: 41469

Ion Ratio Lower Upper

43 100

58 33.1 0.0 64.0



#14

Carbon disulfide

Concen: 3.589 ug/L

RT: 2.782 min Scan# 464

Delta R.T. 0.000 min

Lab File: VU062645.D

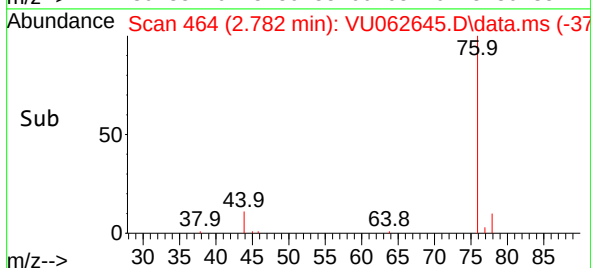
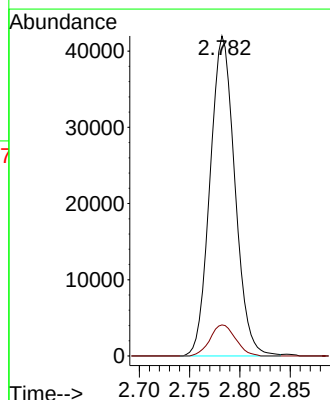
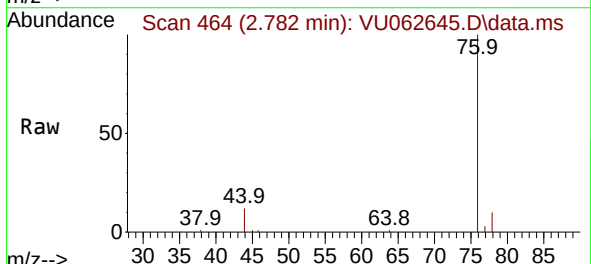
Acq: 31 Dec 2024 14:29

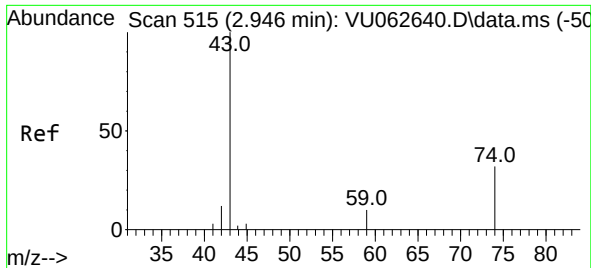
Tgt Ion: 76 Resp: 72175

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

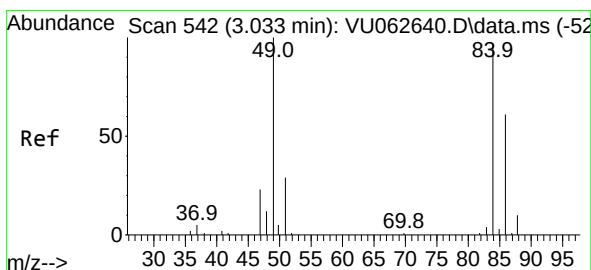
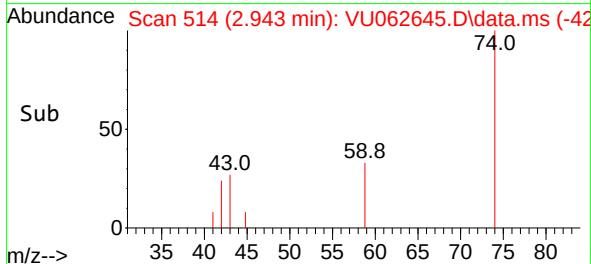
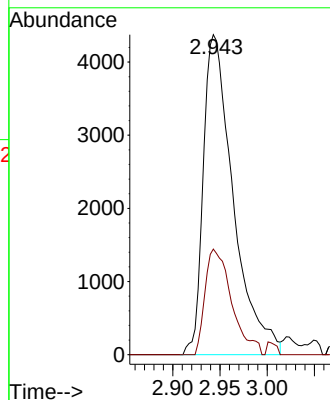
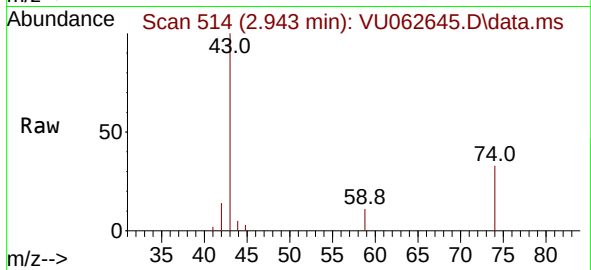




#15
Methyl Acetate
Concen: 4.640 ug/L
RT: 2.943 min Scan# 515
Delta R.T. -0.003 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

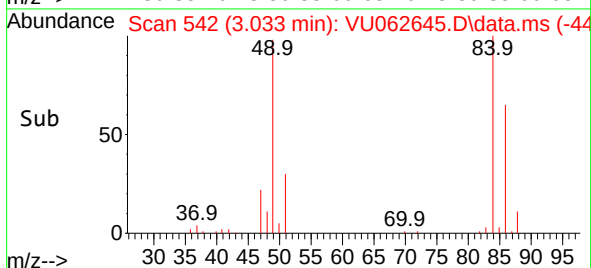
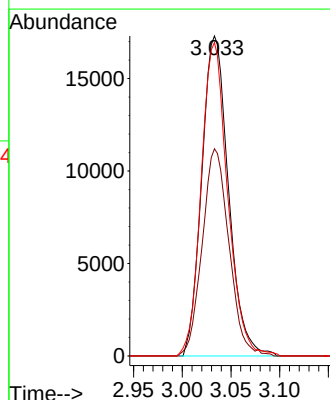
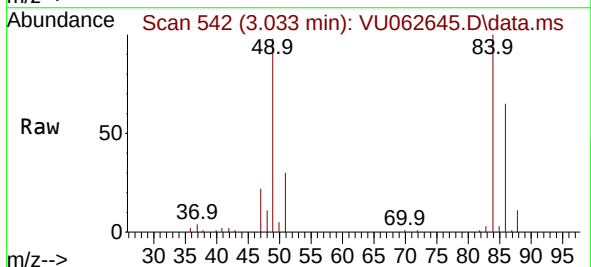
Instrument :
MSVOA_U
ClientSampleId :

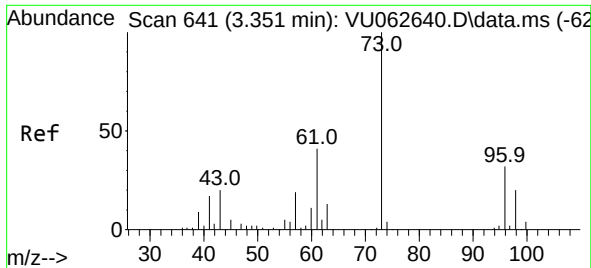
Tgt Ion: 43 Resp: 9641
Ion Ratio Lower Upper
43 100
74 29.2 19.4 29.2#



#16
Methylene chloride
Concen: 4.938 ug/L
RT: 3.033 min Scan# 542
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 84 Resp: 32965
Ion Ratio Lower Upper
84 100
86 64.7 43.5 80.7
49 98.0 81.9 152.1

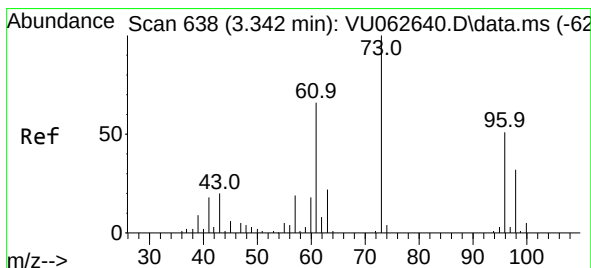
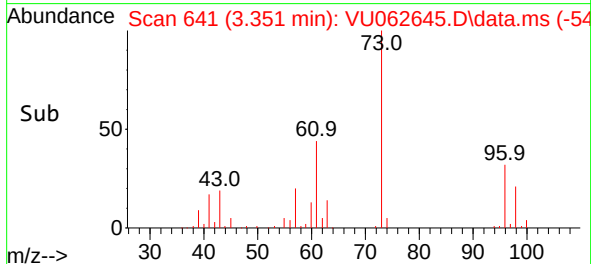
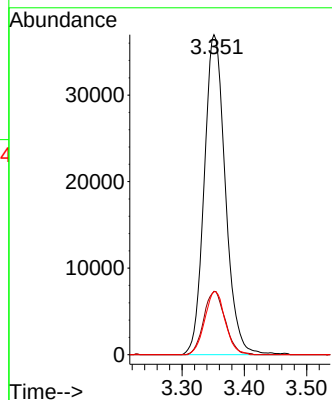
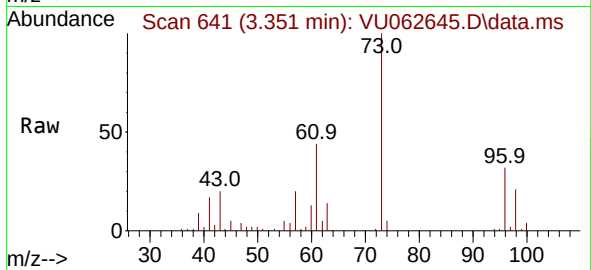




#17
Methyl tert-butyl Ether
Concen: 5.496 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

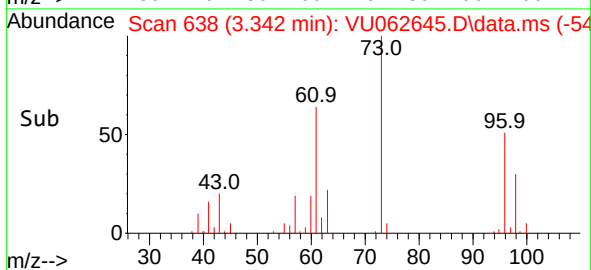
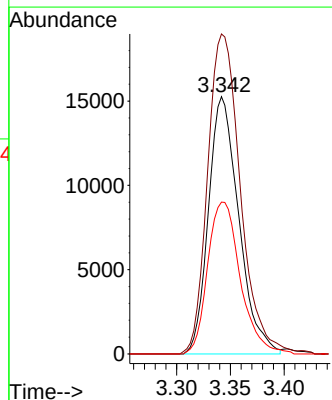
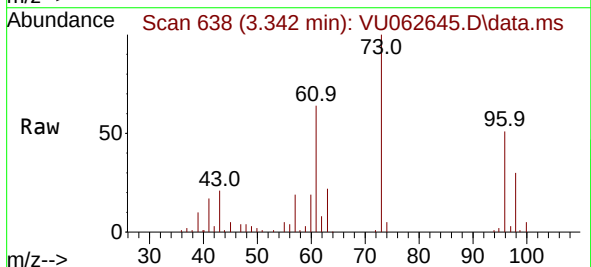
Instrument :
MSVOA_U
ClientSampleId :

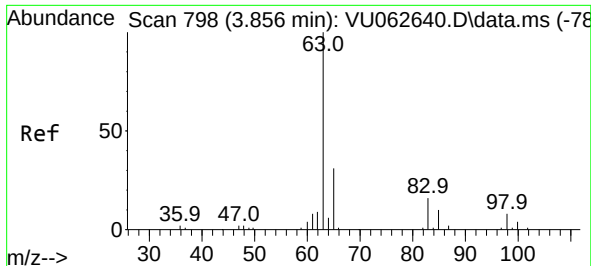
Tgt Ion: 73 Resp: 87067
Ion Ratio Lower Upper
73 100
43 20.0 16.3 24.5
57 19.1 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 4.590 ug/L
RT: 3.342 min Scan# 638
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 96 Resp: 29992
Ion Ratio Lower Upper
96 100
61 124.3 104.2 193.4
98 59.0 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.833 ug/L

RT: 3.856 min Scan# 798

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

ClientSampleId :

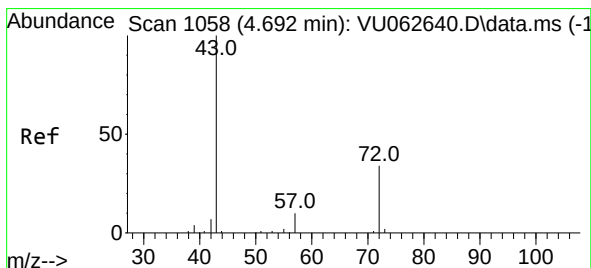
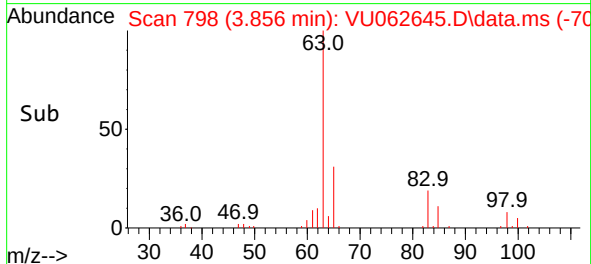
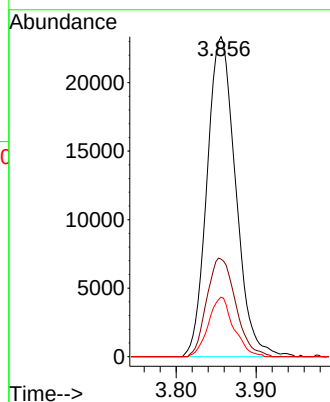
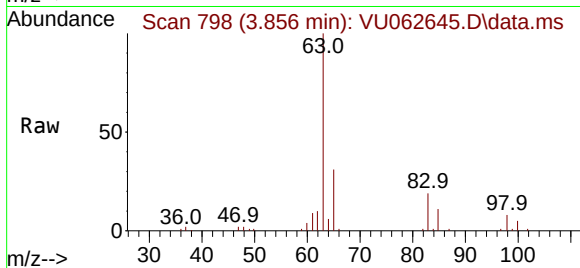
Tgt Ion: 63 Resp: 57884

Ion Ratio Lower Upper

63 100

65 30.5 22.7 42.3

83 18.6 9.9 18.3#



#21

2-Butanone

Concen: 50.804 ug/L

RT: 4.692 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VU062645.D

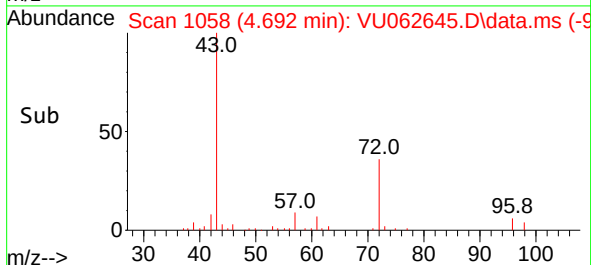
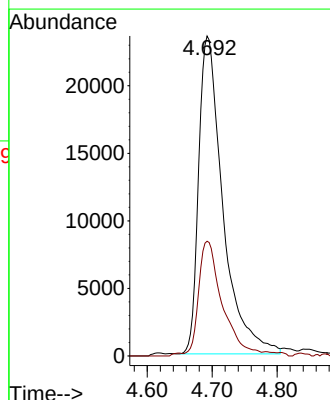
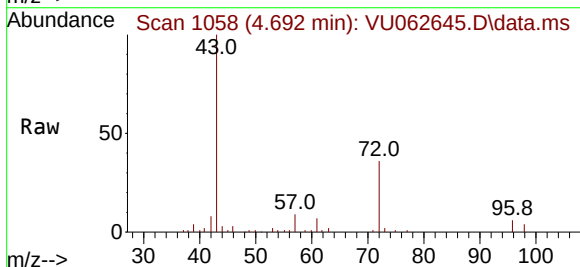
Acq: 31 Dec 2024 14:29

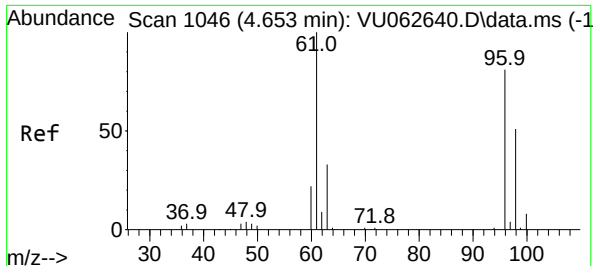
Tgt Ion: 43 Resp: 61163

Ion Ratio Lower Upper

43 100

72 32.9 14.8 44.4

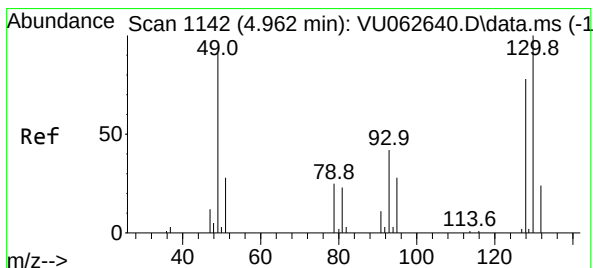
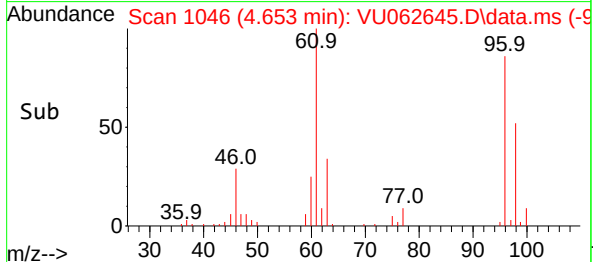
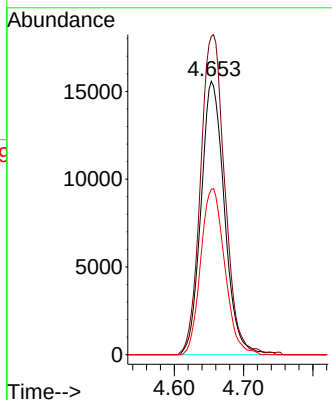
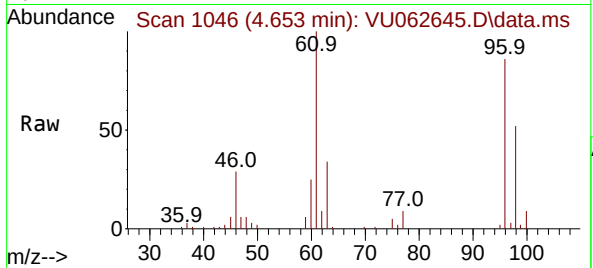




#22
 cis-1,2-Dichloroethene
 Concen: 4.997 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

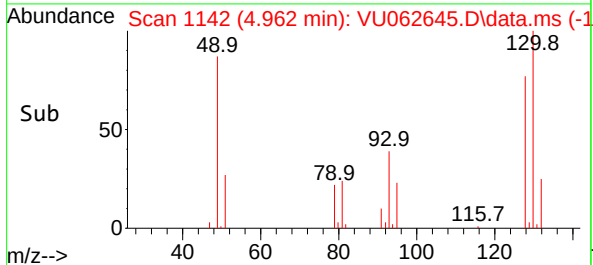
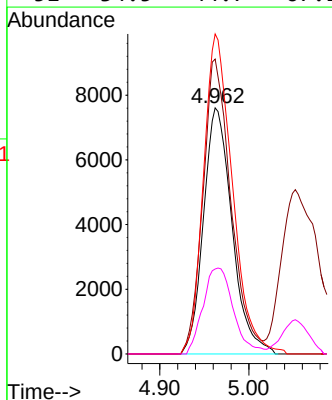
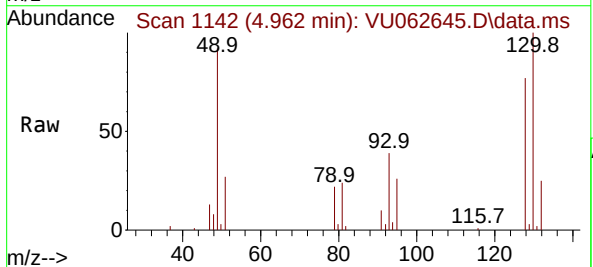
Instrument :
 MSVOA_U
 ClientSampleId :

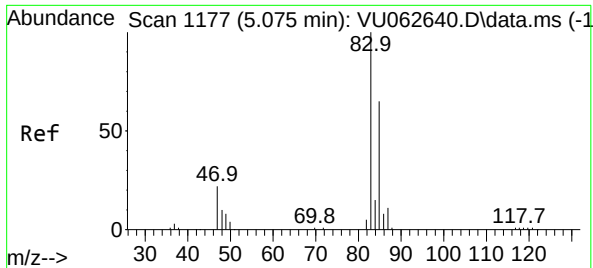
Tgt Ion: 96 Resp: 36600
 Ion Ratio Lower Upper
 96 100
 61 116.5 92.0 170.8
 98 60.5 44.5 82.7



#23
 Bromochloromethane
 Concen: 5.275 ug/L
 RT: 4.962 min Scan# 1142
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

Tgt Ion: 128 Resp: 16936
 Ion Ratio Lower Upper
 128 100
 49 123.9 115.3 214.1
 130 130.0 92.0 170.8
 51 34.5 44.7 67.1#

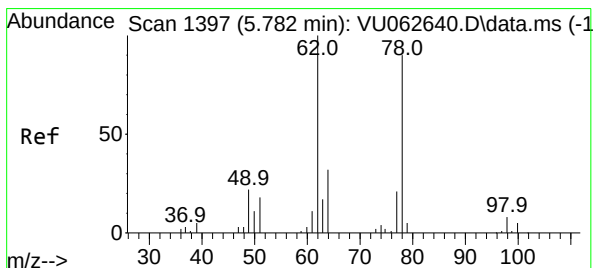
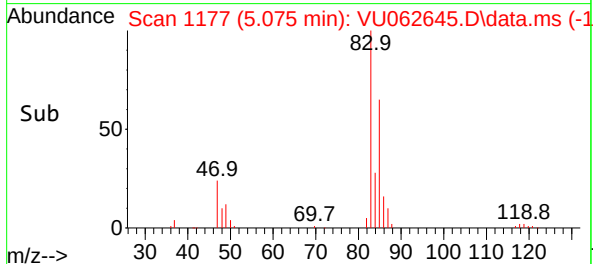
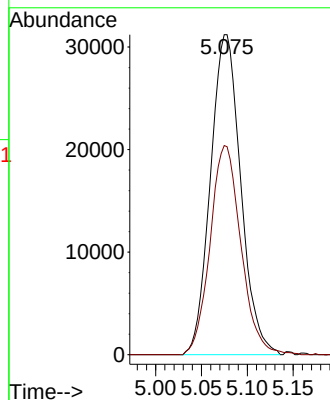
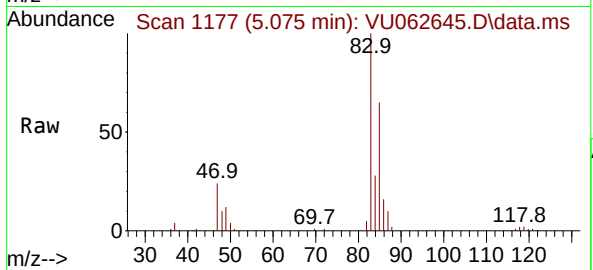




#25
Chloroform
Concen: 5.319 ug/L
RT: 5.075 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

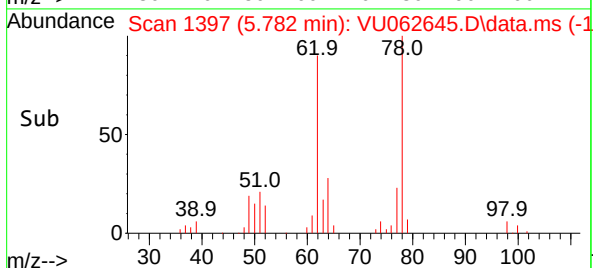
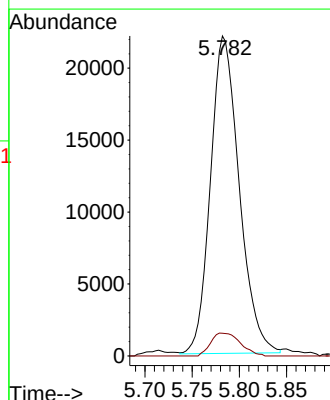
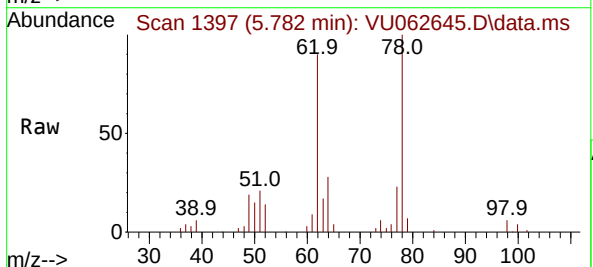
Instrument :
MSVOA_U
ClientSampleId :

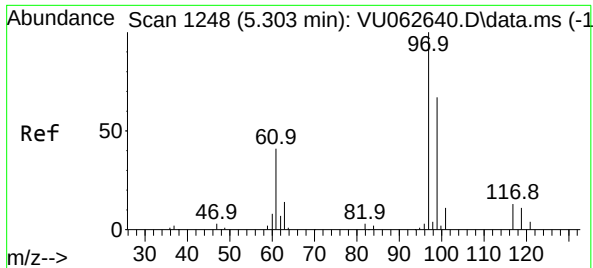
Tgt Ion: 83 Resp: 71752
Ion Ratio Lower Upper
83 100
85 65.4 45.4 84.2



#27
1,2-Dichloroethane
Concen: 5.448 ug/L
RT: 5.782 min Scan# 1397
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 62 Resp: 46705
Ion Ratio Lower Upper
62 100
98 7.1 7.4 11.0#

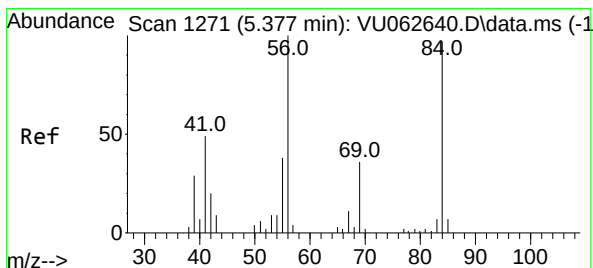
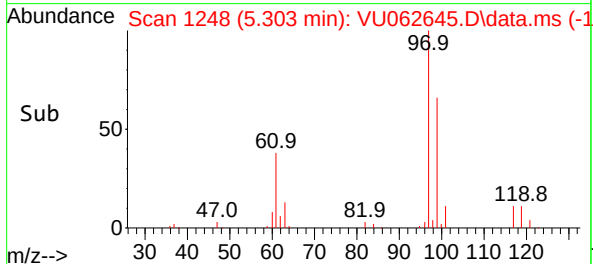
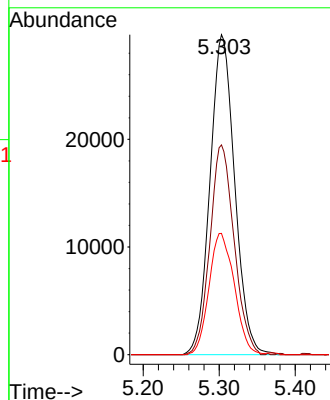
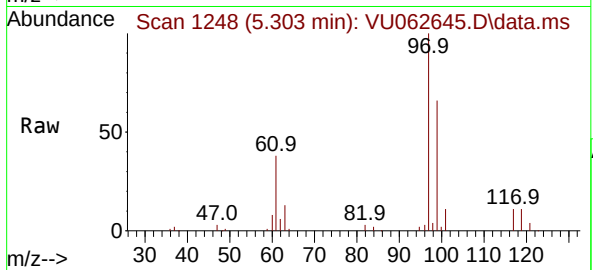




#29
1,1,1-Trichloroethane
Concen: 5.516 ug/L
RT: 5.303 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

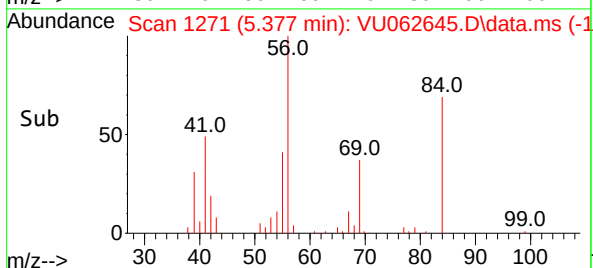
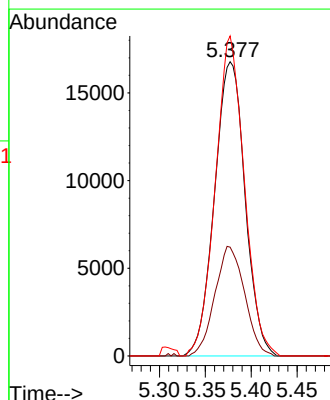
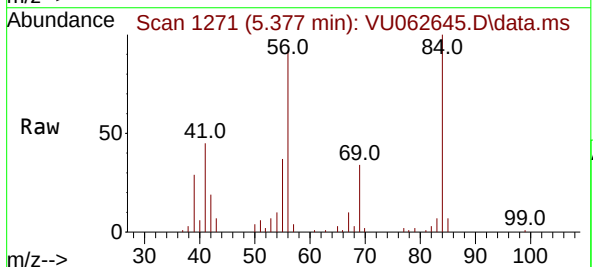
Instrument :
MSVOA_U
ClientSampleId :

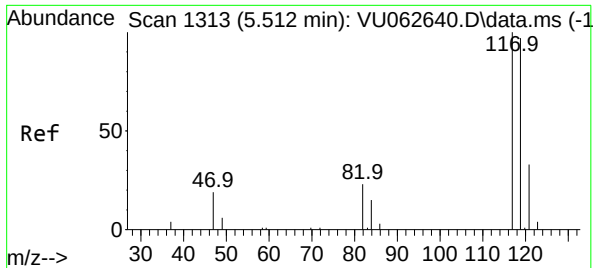
Tgt Ion: 97 Resp: 67116
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 38.8 37.8 56.6



#30
Cyclohexane
Concen: 3.932 ug/L
RT: 5.377 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 56 Resp: 38799
Ion Ratio Lower Upper
56 100
69 36.3 25.1 37.7
84 103.4 70.6 105.8

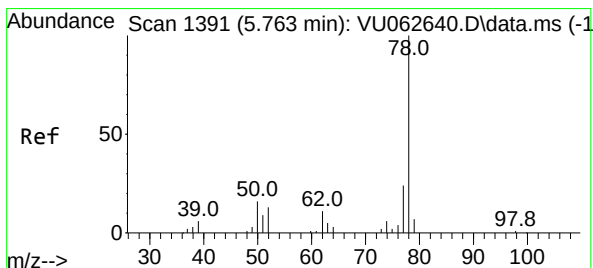
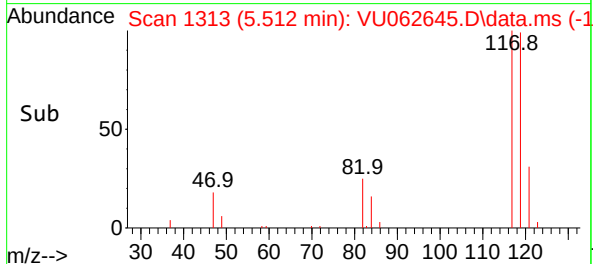
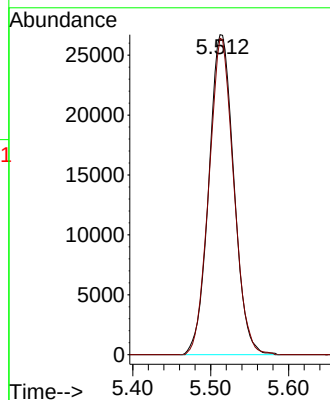
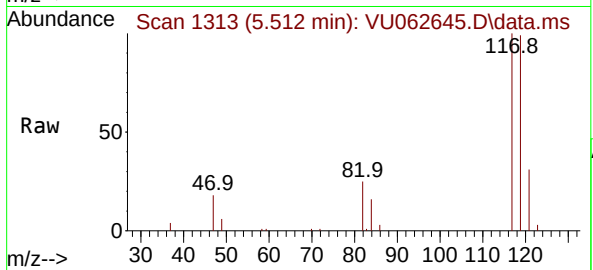




#31
Carbon tetrachloride
Concen: 5.337 ug/L
RT: 5.512 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

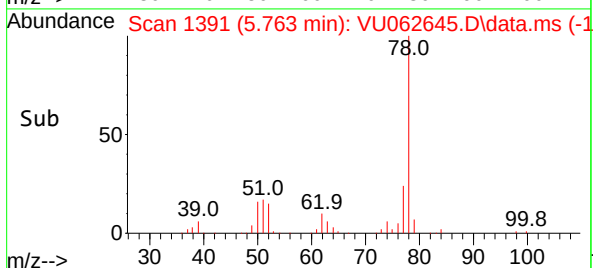
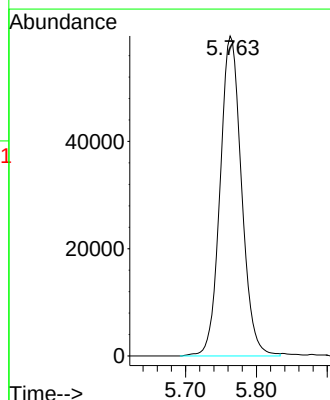
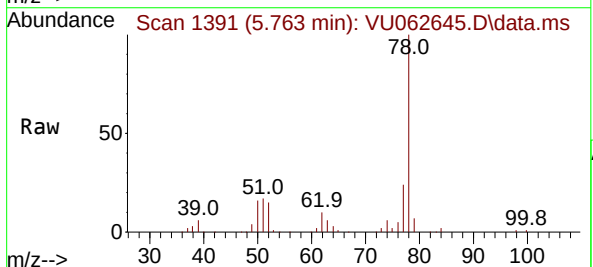
Instrument :
MSVOA_U
ClientSampleId :

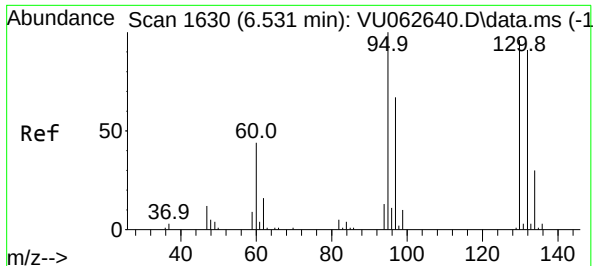
Tgt Ion:117 Resp: 59552
Ion Ratio Lower Upper
117 100
119 97.8 77.5 116.3



#33
Benzene
Concen: 4.679 ug/L
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 78 Resp: 125432





#34

Trichloroethene

Concen: 5.165 ug/L

RT: 6.531 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 39216

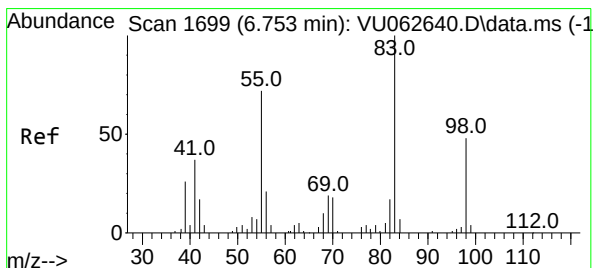
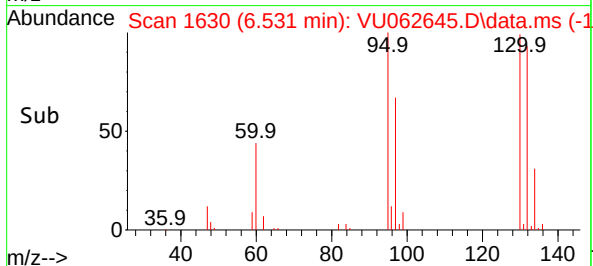
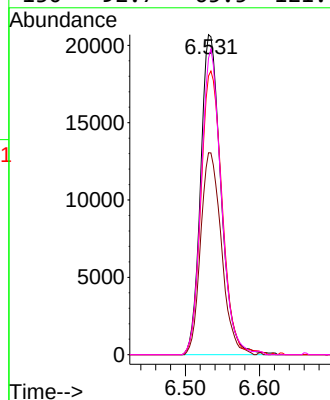
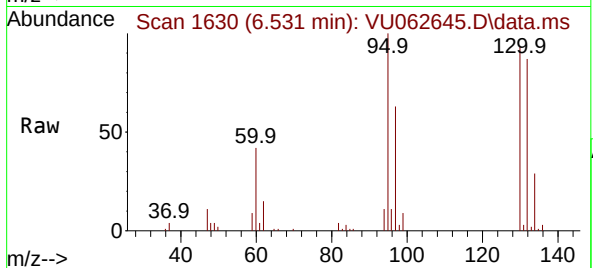
Ion Ratio Lower Upper

95 100

97 63.1 45.9 85.3

132 87.1 63.8 118.4

130 92.7 65.5 121.7



#35

Methylcyclohexane

Concen: 4.239 ug/L

RT: 6.753 min Scan# 1699

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

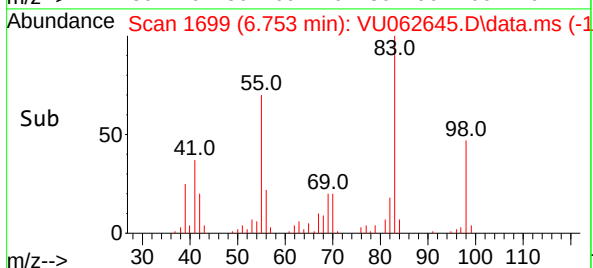
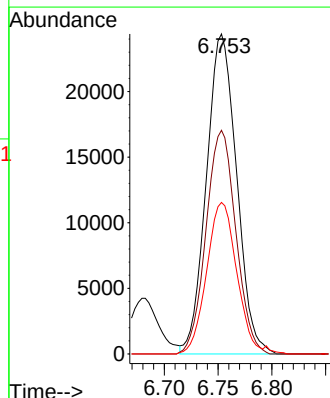
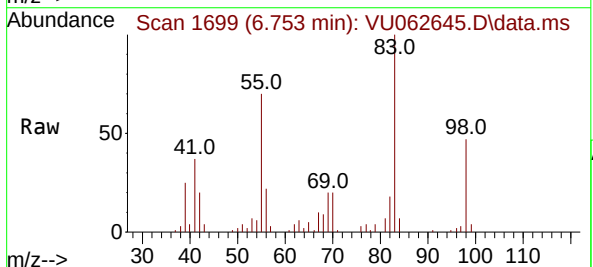
Tgt Ion: 83 Resp: 47719

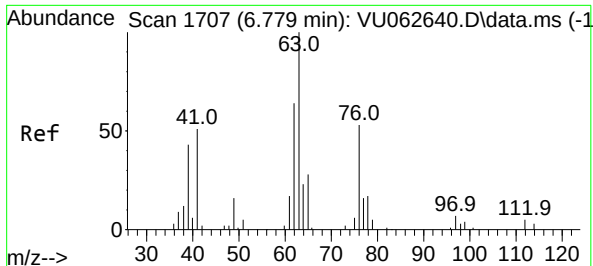
Ion Ratio Lower Upper

83 100

55 69.0 60.7 91.1

98 47.4 34.8 52.2





#37

1,2-Dichloropropane

Concen: 4.930 ug/L

RT: 6.779 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

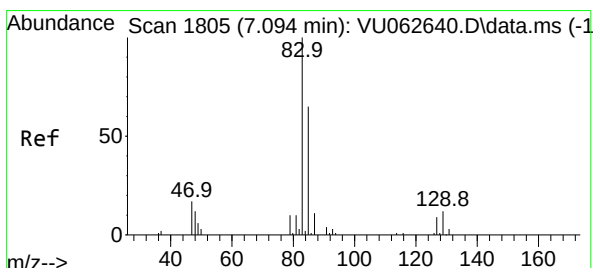
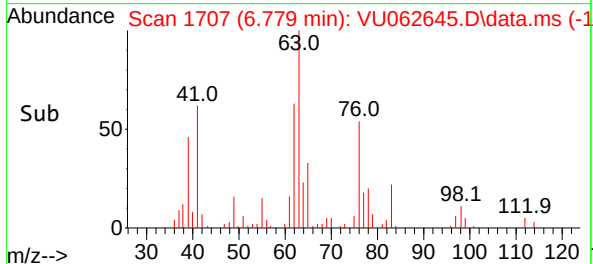
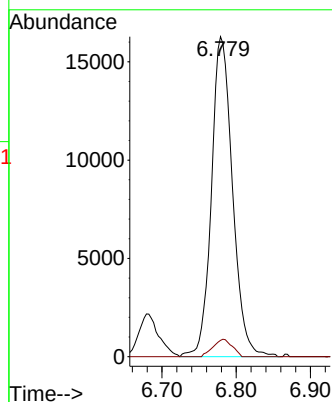
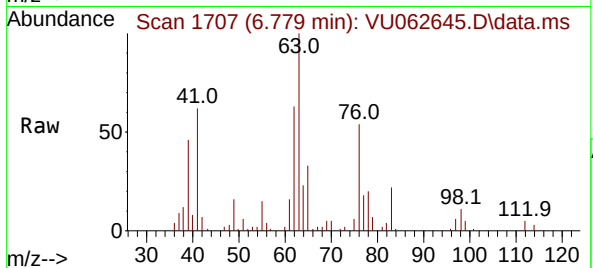
ClientSampleId :

Tgt Ion: 63 Resp: 32181

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.0



#38

Bromodichloromethane

Concen: 5.484 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. 0.003 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

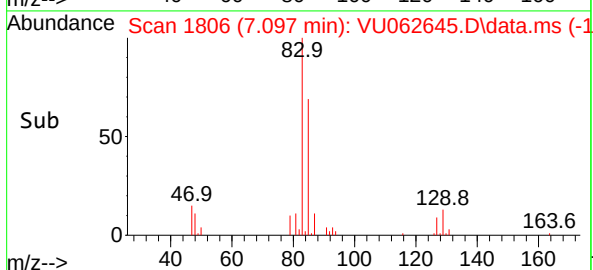
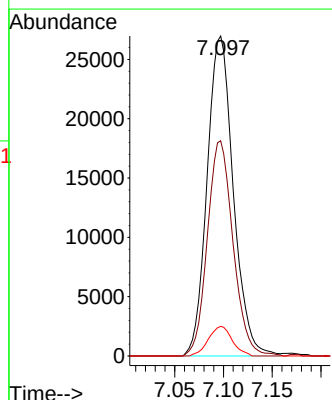
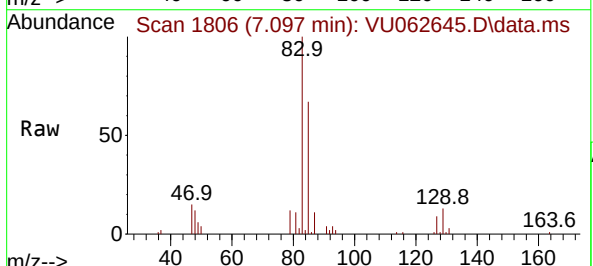
Tgt Ion: 83 Resp: 50504

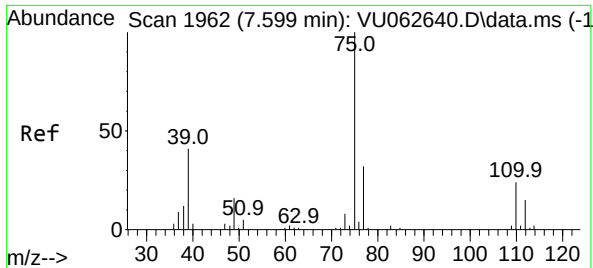
Ion Ratio Lower Upper

83 100

85 67.3 44.1 81.9

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.978 ug/L

RT: 7.599 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

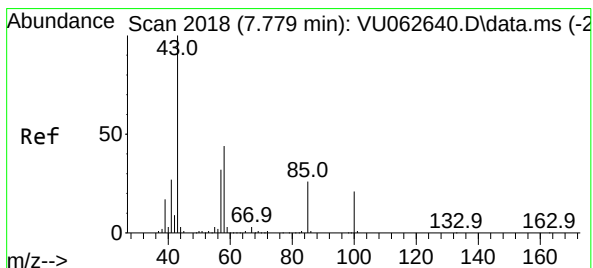
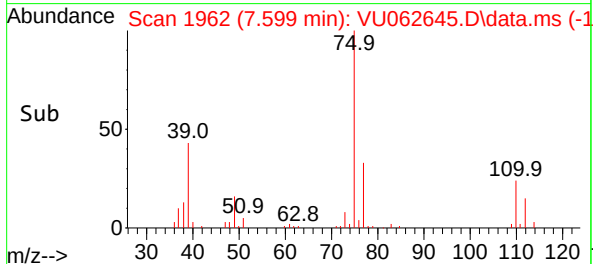
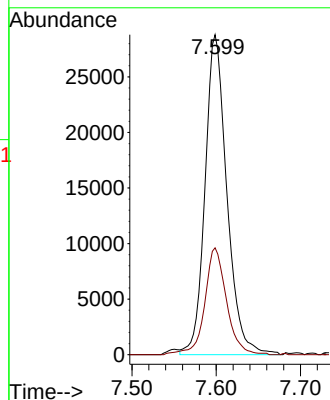
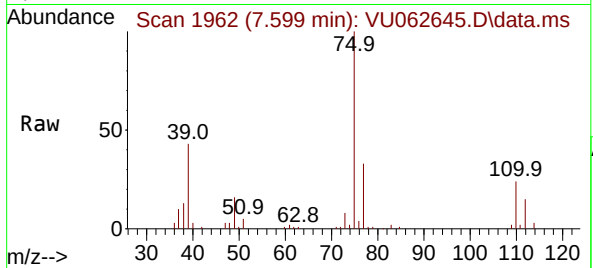
ClientSampleId :

Tgt Ion: 75 Resp: 52086

Ion Ratio Lower Upper

75 100

77 33.4 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 50.094 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

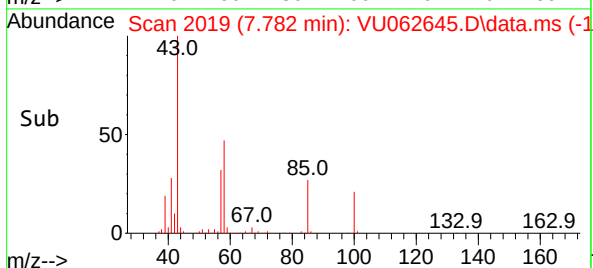
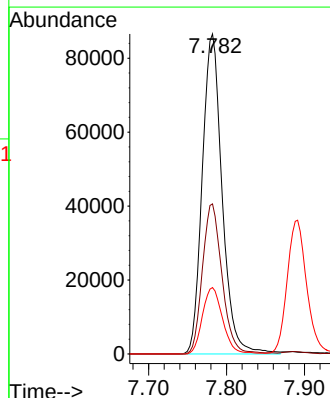
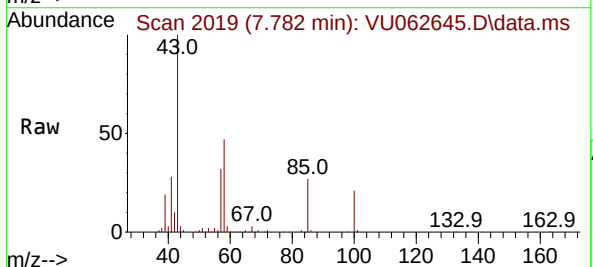
Tgt Ion: 43 Resp: 153258

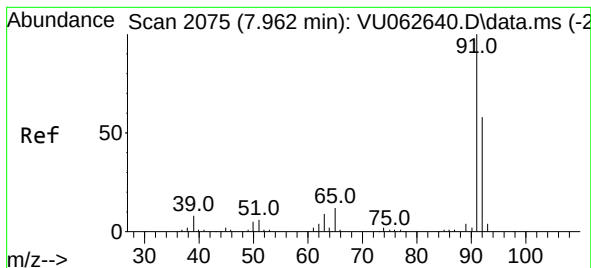
Ion Ratio Lower Upper

43 100

58 46.4 33.3 49.9

100 21.1 12.4 18.6#





#42

Toluene

Concen: 4.805 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

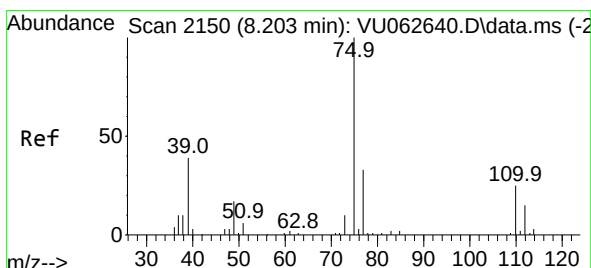
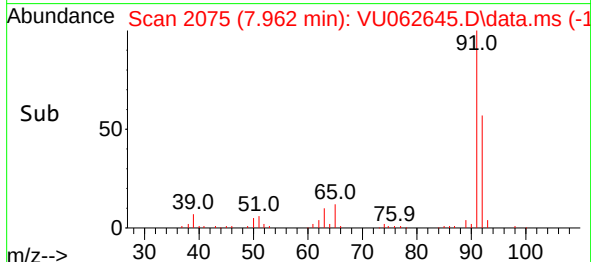
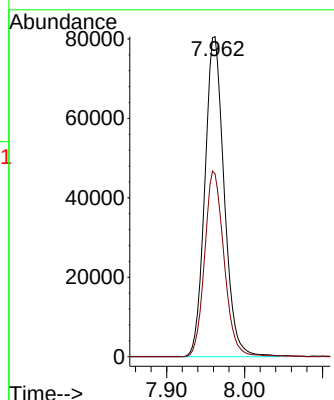
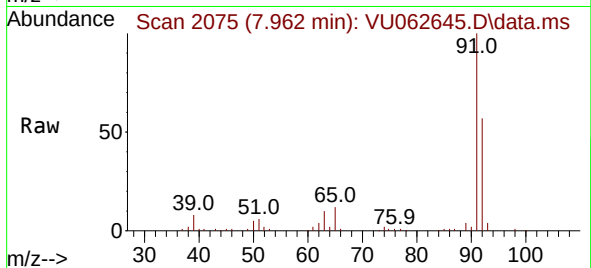
ClientSampleId :

Tgt Ion: 91 Resp: 138882

Ion Ratio Lower Upper

91 100

92 57.1 39.0 72.4



#44

trans-1,3-Dichloropropene

Concen: 5.374 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. 0.000 min

Lab File: VU062645.D

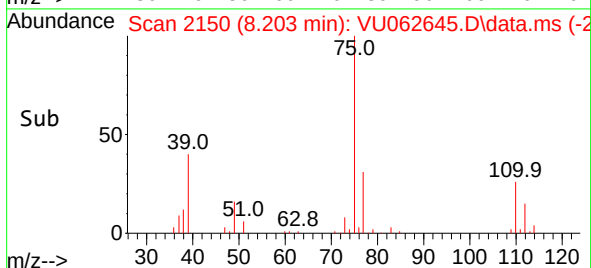
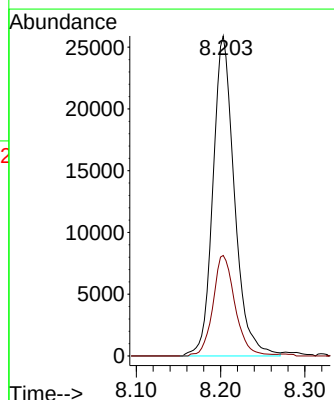
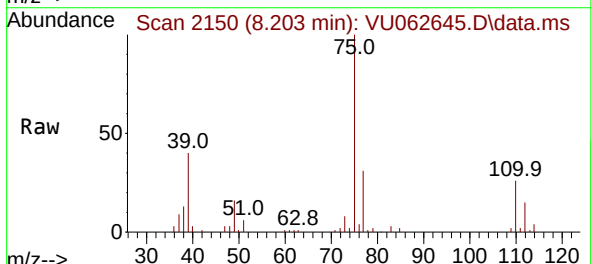
Acq: 31 Dec 2024 14:29

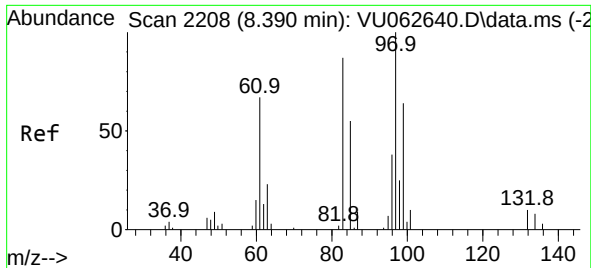
Tgt Ion: 75 Resp: 45914

Ion Ratio Lower Upper

75 100

77 31.4 21.8 40.4

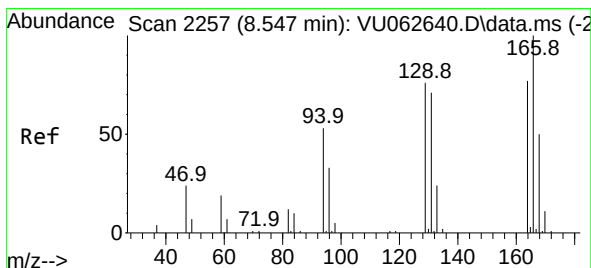
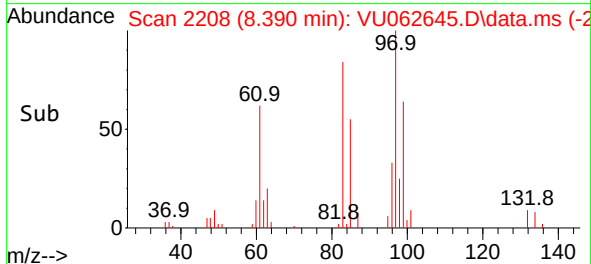
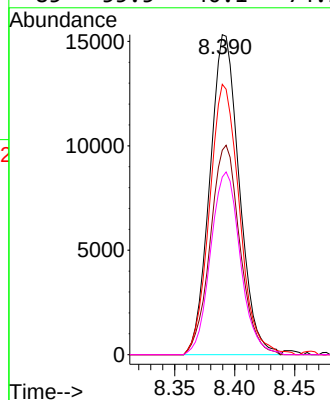
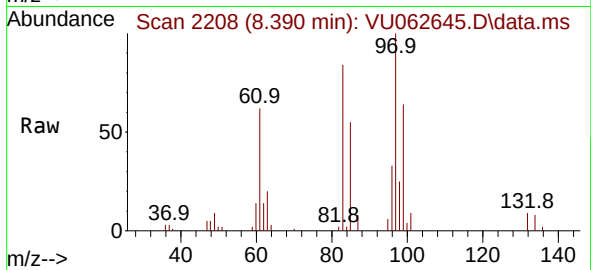




#45
1,1,2-Trichloroethane
Concen: 5.301 ug/L
RT: 8.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

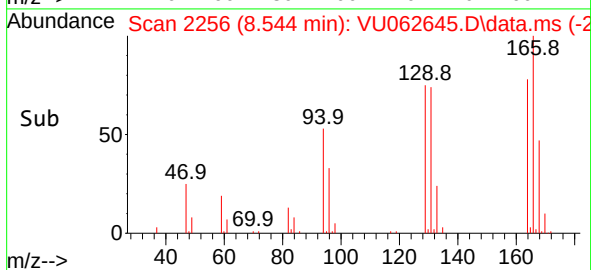
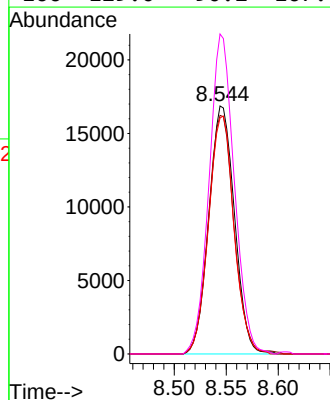
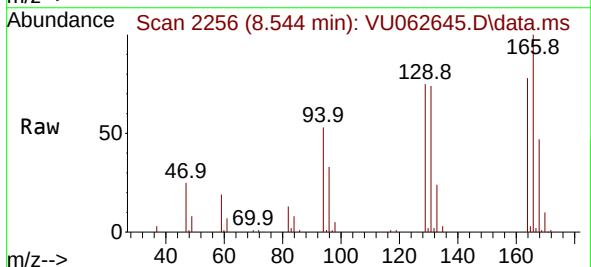
Instrument :
MSVOA_U
ClientSampleId :

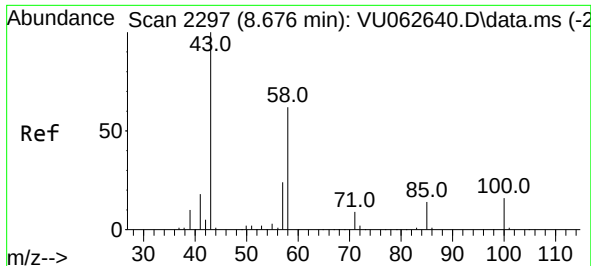
Tgt Ion:	97	Resp:	26124
Ion	Ratio	Lower	Upper
97	100		
99	63.9	43.0	79.8
83	84.5	61.7	114.5
85	55.5	40.1	74.5



#47
Tetrachloroethene
Concen: 4.925 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:	164	Resp:	28874
Ion	Ratio	Lower	Upper
164	100		
129	96.2	73.2	136.0
131	95.2	72.3	134.3
166	129.0	90.2	167.4

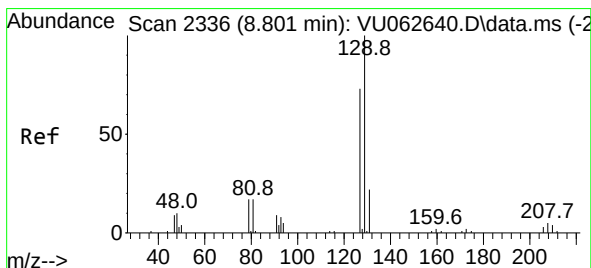
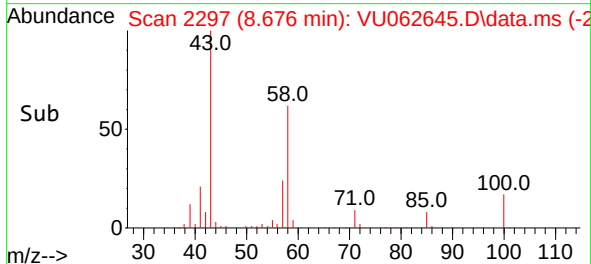
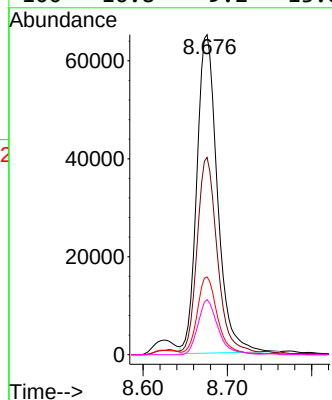
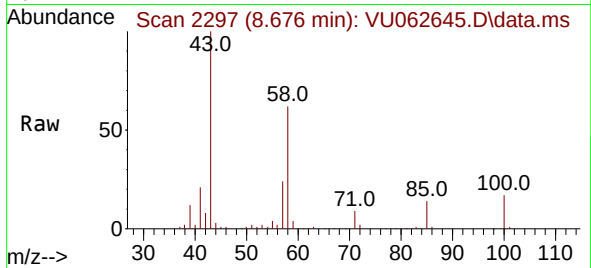




#48
2-Hexanone
Concen: 48.931 ug/L
RT: 8.676 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

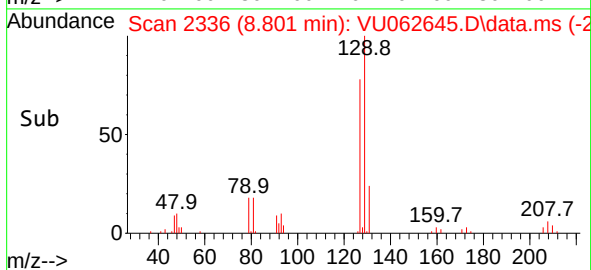
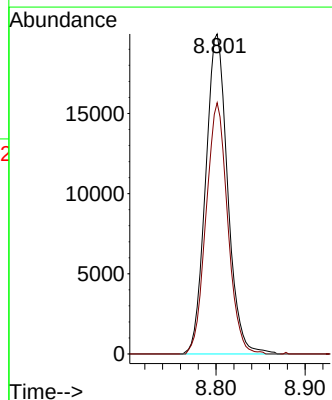
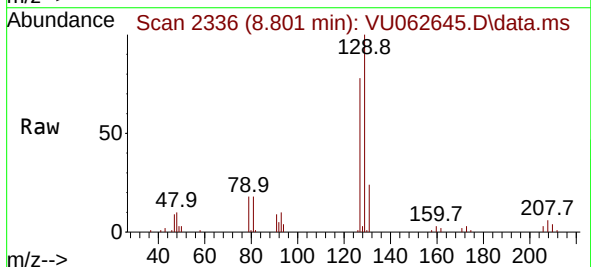
Instrument :
MSVOA_U
ClientSampleId :

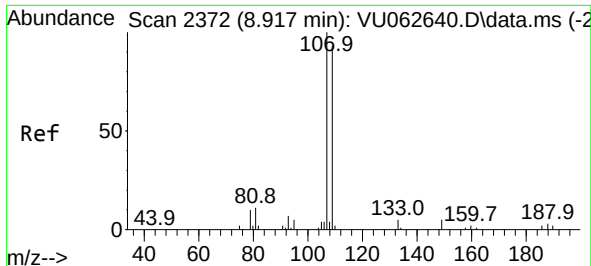
Tgt Ion: 43 Resp: 110633
Ion Ratio Lower Upper
43 100
58 59.8 47.5 71.3
57 23.7 15.6 23.4#
100 16.8 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.749 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 129 Resp: 34230
Ion Ratio Lower Upper
129 100
127 78.5 51.1 94.9

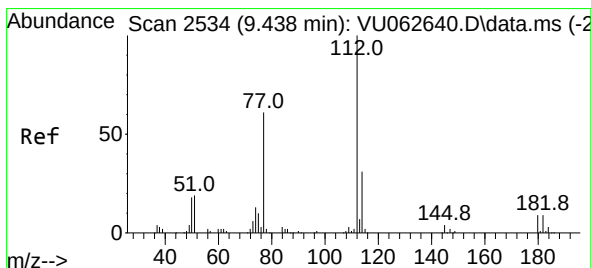
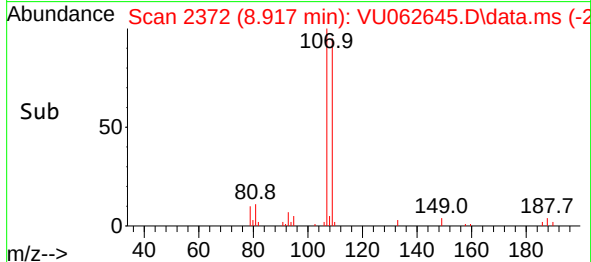
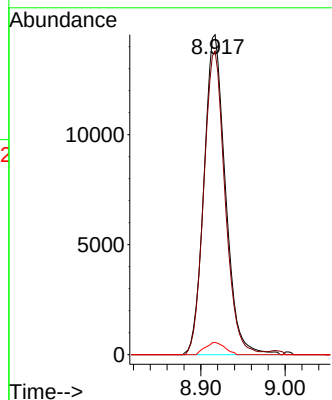
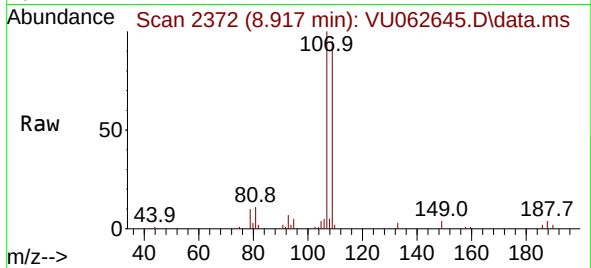




#50
1,2-Dibromoethane
Concen: 5.452 ug/L
RT: 8.917 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

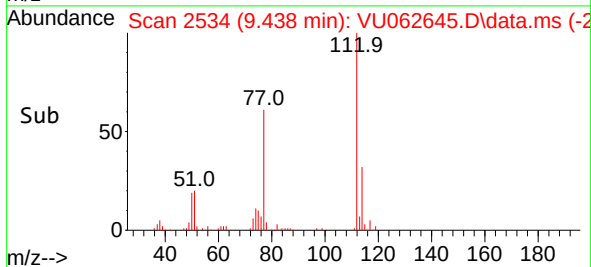
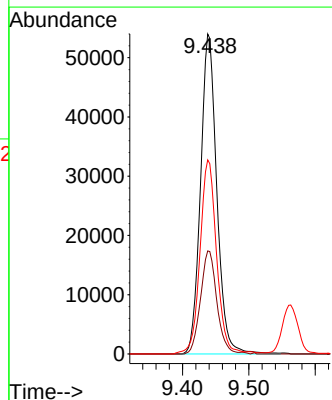
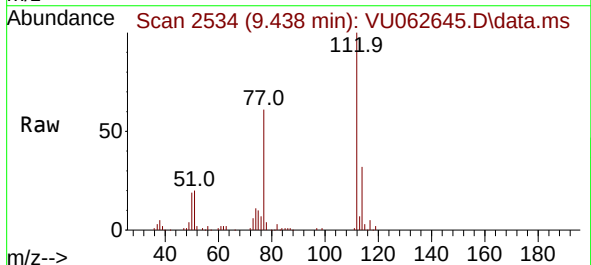
Instrument :
MSVOA_U
ClientSampleId :

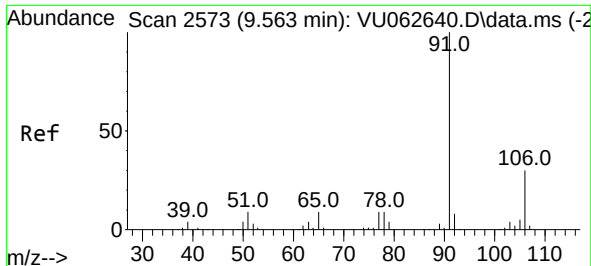
Tgt Ion:107 Resp: 25819
Ion Ratio Lower Upper
107 100
109 94.8 66.8 124.2
188 3.9 2.3 3.5#



#51
Chlorobenzene
Concen: 4.966 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:112 Resp: 91969
Ion Ratio Lower Upper
112 100
114 32.2 23.0 42.6
77 60.6 50.5 75.7

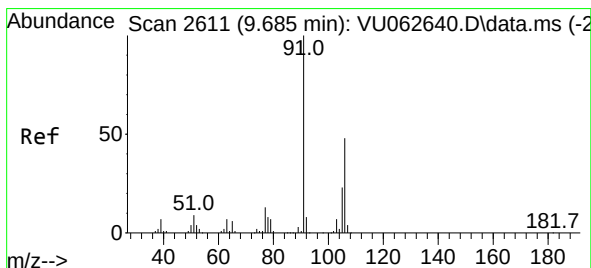
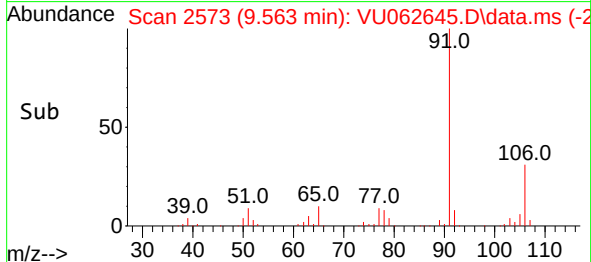
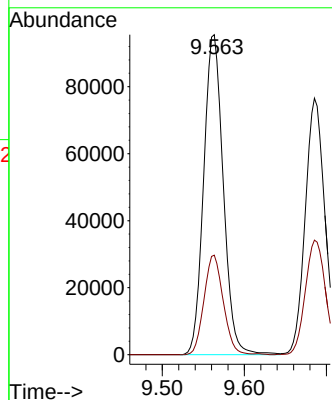
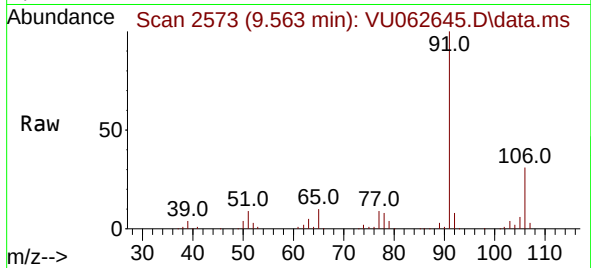




#52
Ethylbenzene
Concen: 4.891 ug/L
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

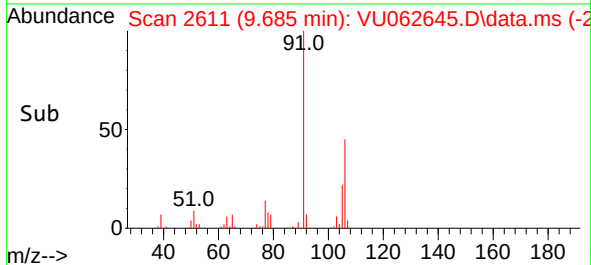
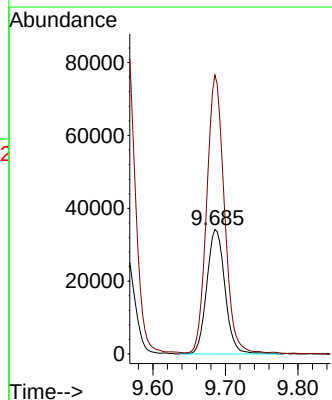
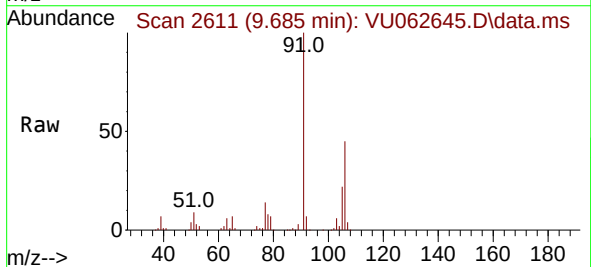
Instrument :
MSVOA_U
ClientSampleId :

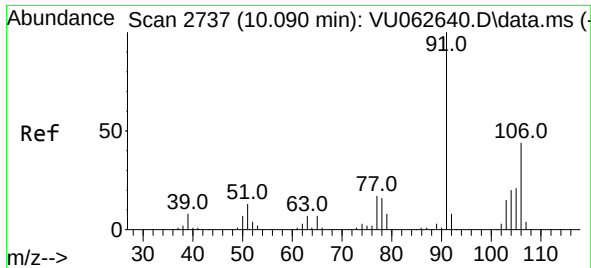
Tgt Ion: 91 Resp: 158512
Ion Ratio Lower Upper
91 100
106 31.1 21.6 40.0



#53
m,p-Xylene
Concen: 4.975 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion: 106 Resp: 59521
Ion Ratio Lower Upper
106 100
91 224.0 147.6 274.0

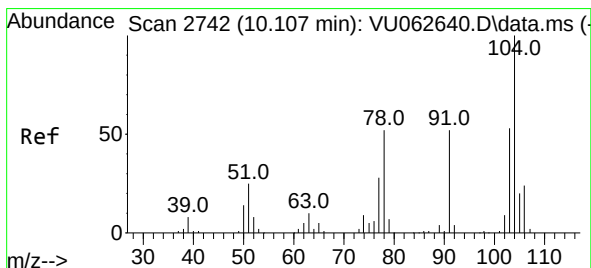
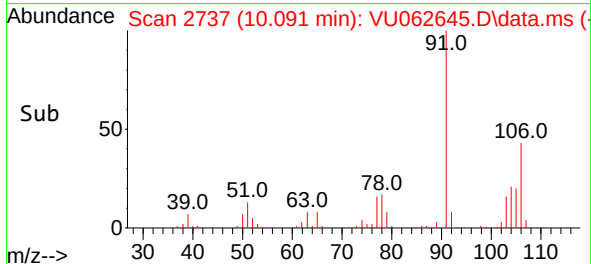
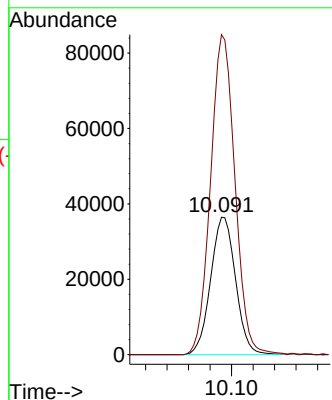
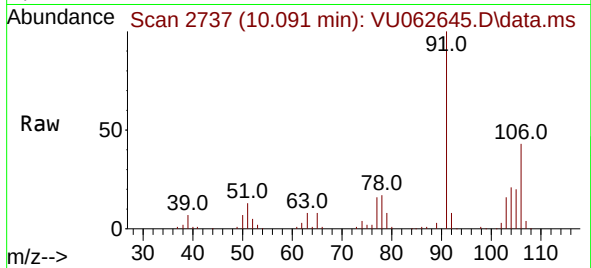




#54
o-Xylene
Concen: 5.044 ug/L
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

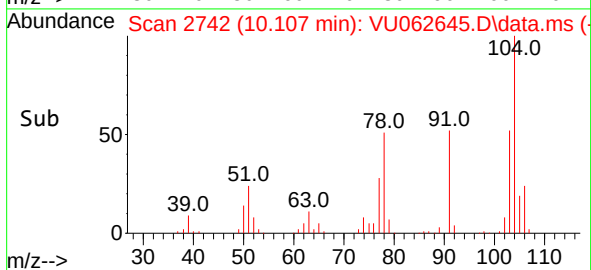
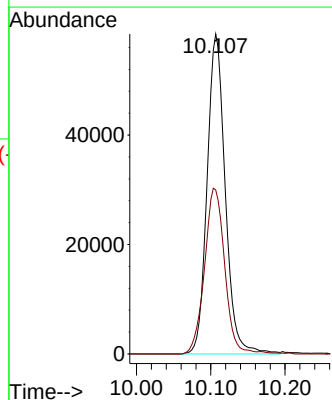
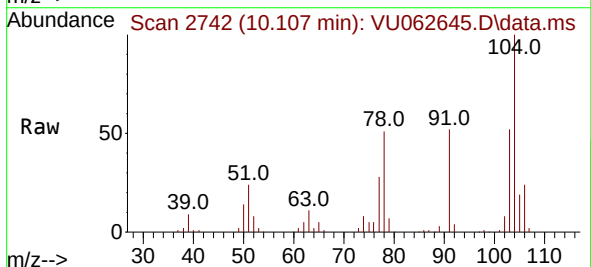
Instrument :
MSVOA_U
ClientSampleId :

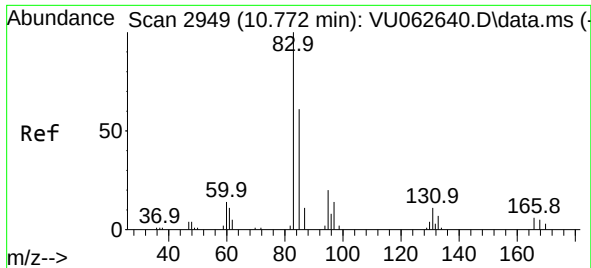
Tgt Ion:106 Resp: 58701
Ion Ratio Lower Upper
106 100
91 232.9 159.8 296.8



#55
Styrene
Concen: 5.168 ug/L
RT: 10.107 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:104 Resp: 99129
Ion Ratio Lower Upper
104 100
78 51.2 33.2 61.7

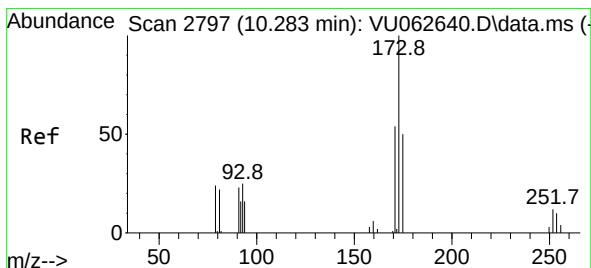
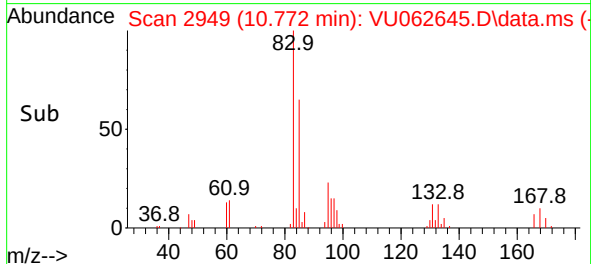
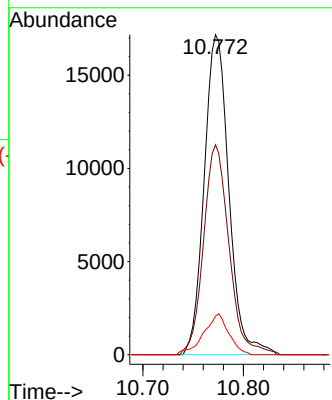
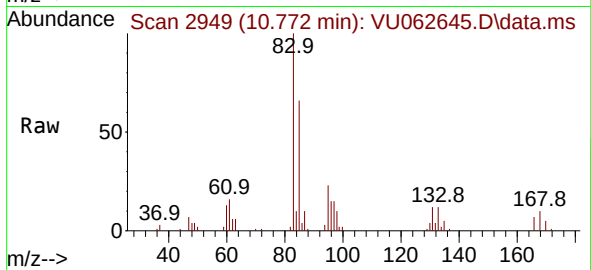




#57
1,1,2,2-Tetrachloroethane
Concen: 5.109 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

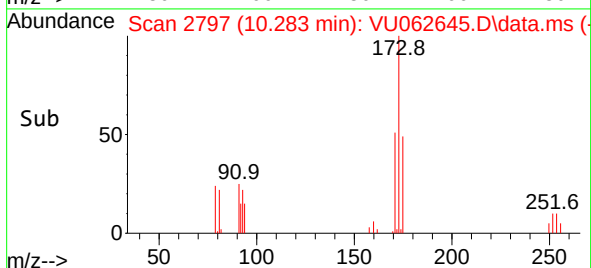
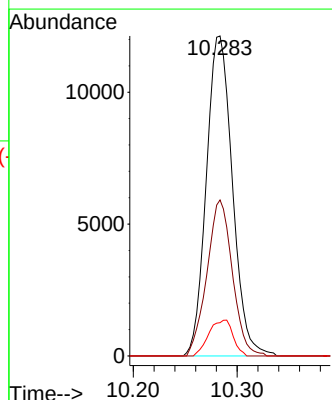
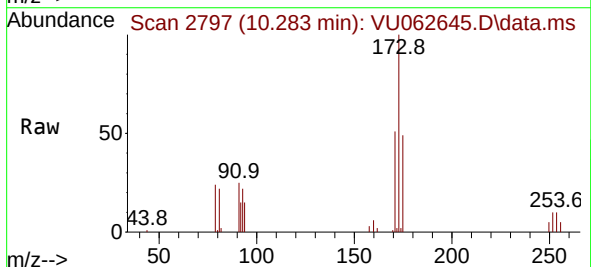
Instrument :
MSVOA_U
ClientSampleId :

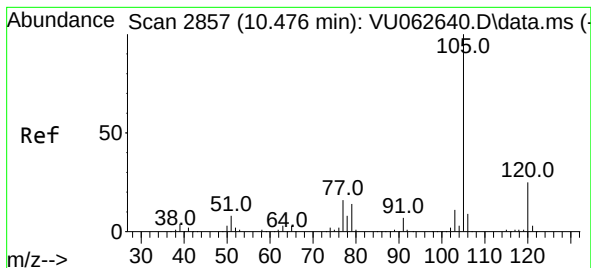
Tgt Ion: 83 Resp: 29299
Ion Ratio Lower Upper
83 100
85 65.6 44.4 82.4
131 12.1 7.3 10.9#



#59
Bromoform
Concen: 5.777 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:173 Resp: 21127
Ion Ratio Lower Upper
173 100
175 47.4 39.0 58.4
254 10.4 7.4 11.0





#60

Isopropylbenzene

Concen: 4.885 ug/L

RT: 10.476 min Scan# 2857

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

Instrument :

MSVOA_U

ClientSampleId :

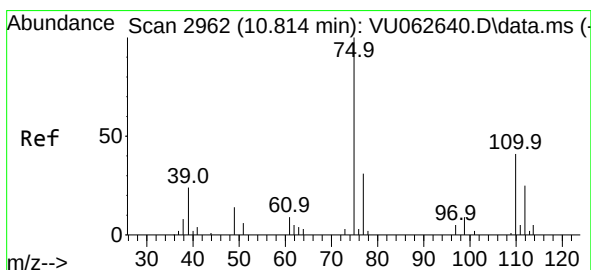
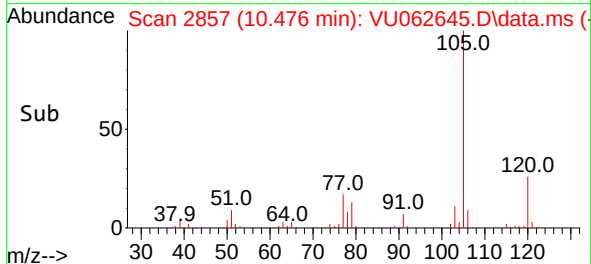
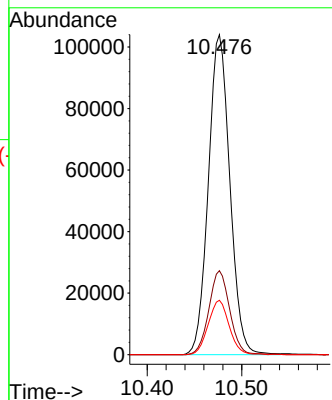
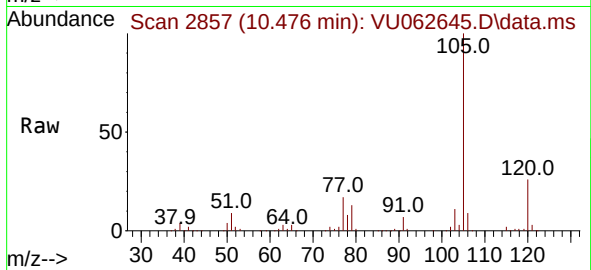
Tgt Ion:105 Resp: 164211

Ion Ratio Lower Upper

105 100

120 25.5 20.6 31.0

77 16.6 13.0 19.6



#61

1,2,3-Trichloropropane

Concen: 5.214 ug/L

RT: 10.814 min Scan# 2962

Delta R.T. 0.000 min

Lab File: VU062645.D

Acq: 31 Dec 2024 14:29

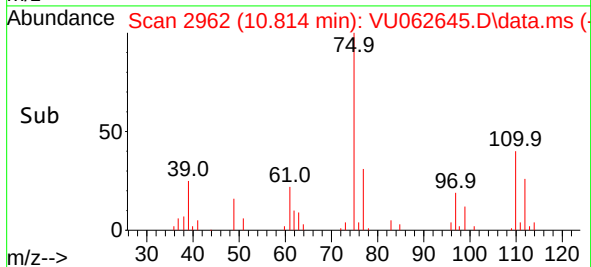
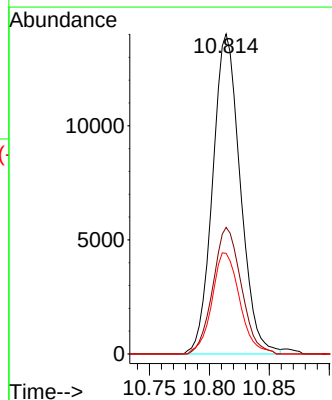
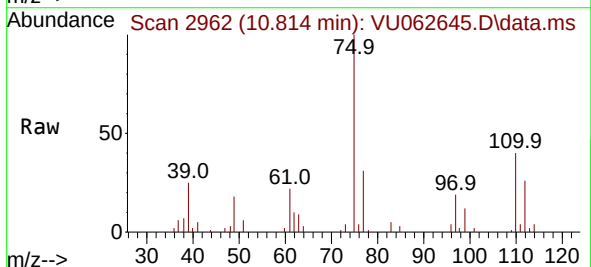
Tgt Ion: 75 Resp: 22437

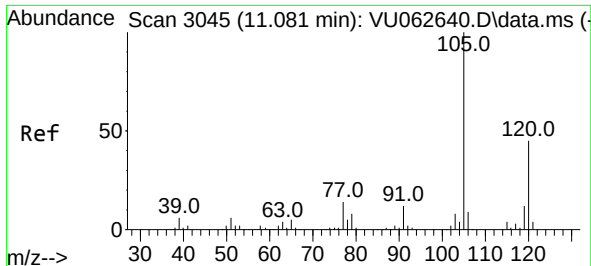
Ion Ratio Lower Upper

75 100

110 40.5 28.9 43.3

77 31.7 26.5 39.7

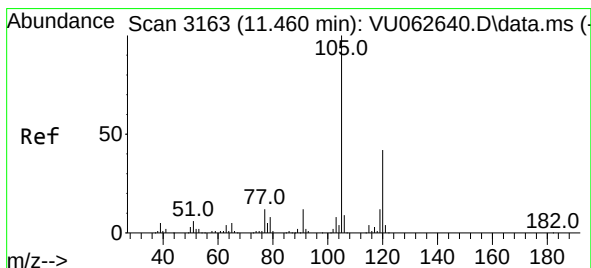
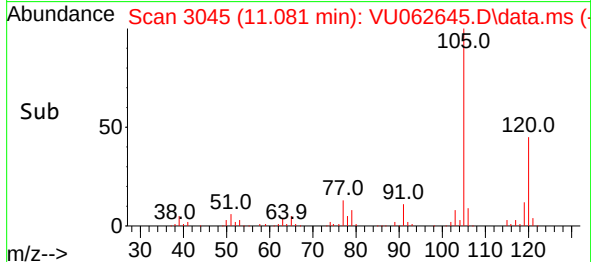
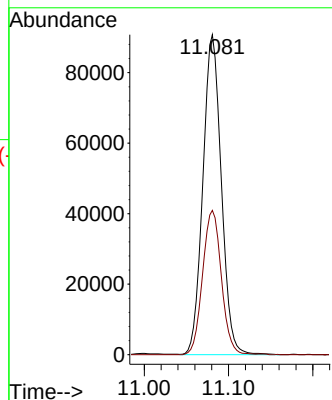
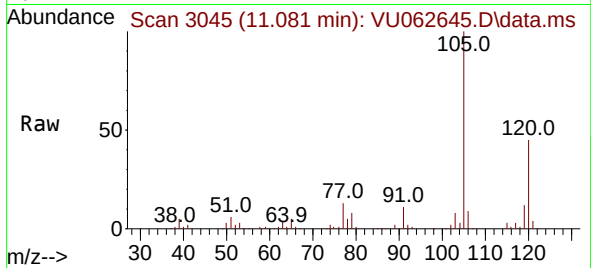




#62
1,3,5-Trimethylbenzene
Concen: 4.873 ug/L
RT: 11.081 min Scan# 3045
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

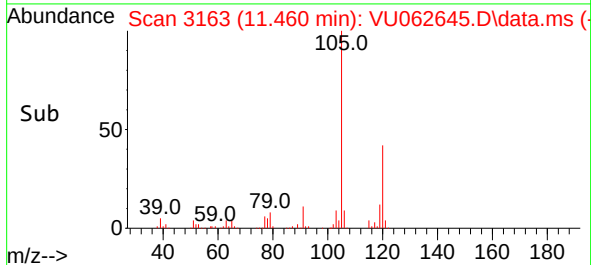
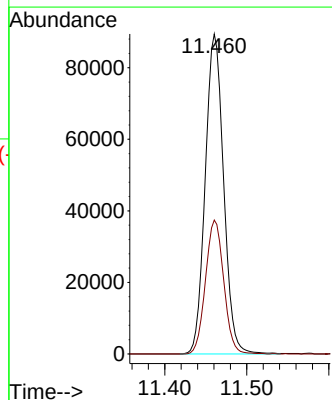
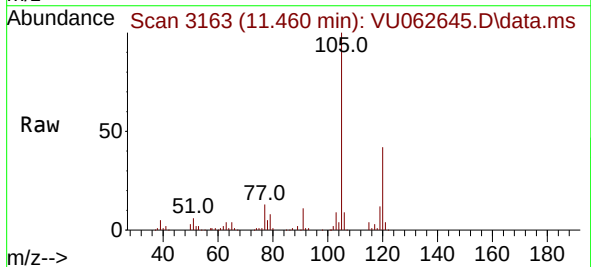
Instrument :
MSVOA_U
ClientSampleId :

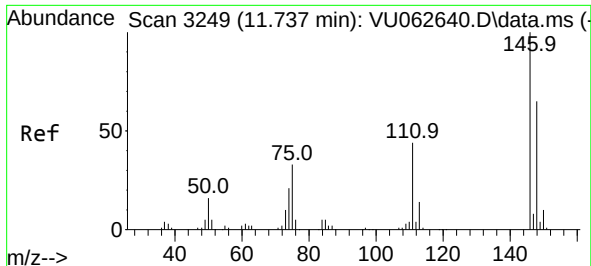
Tgt Ion:105 Resp: 138641
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.992 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:105 Resp: 139155
Ion Ratio Lower Upper
105 100
120 41.5 34.7 52.1

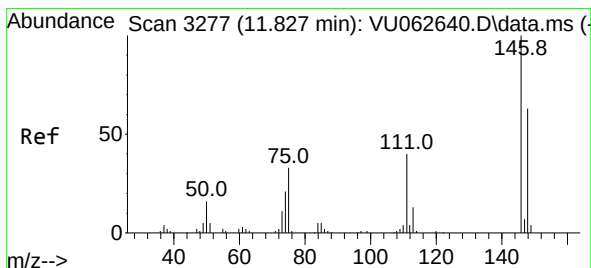
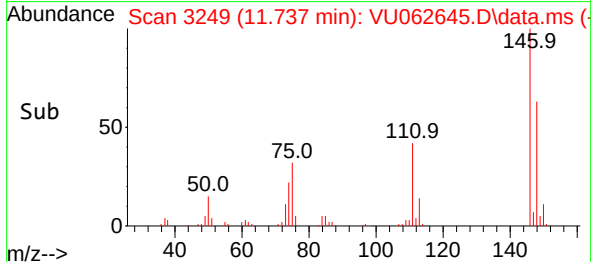
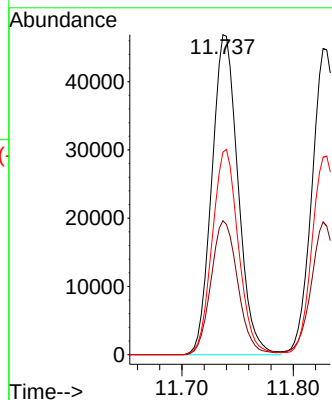
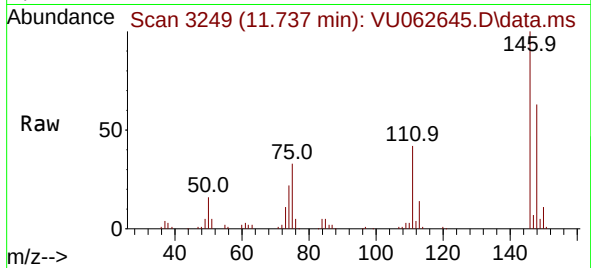




#64
1,3-Dichlorobenzene
Concen: 4.971 ug/L
RT: 11.737 min Scan# 3249
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

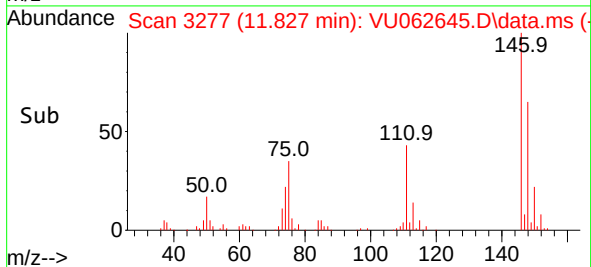
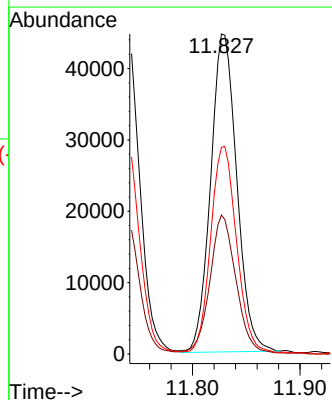
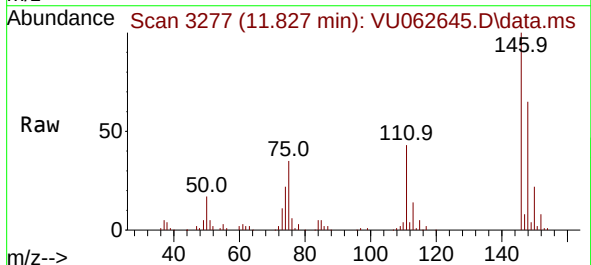
Instrument :
MSVOA_U
ClientSampleId :

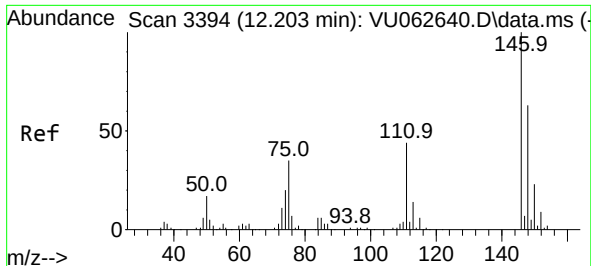
Tgt Ion:146 Resp: 76770
Ion Ratio Lower Upper
146 100
111 41.8 30.7 57.1
148 63.3 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.842 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:146 Resp: 75295
Ion Ratio Lower Upper
146 100
111 43.4 29.3 54.3
148 64.5 44.6 82.8

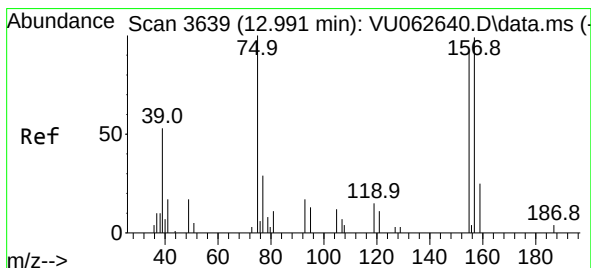
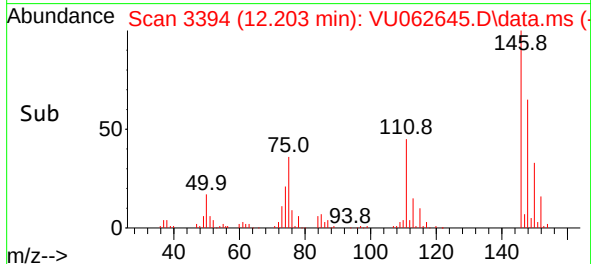
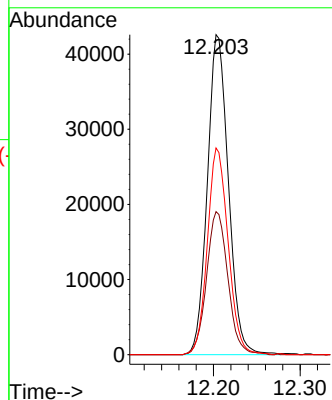
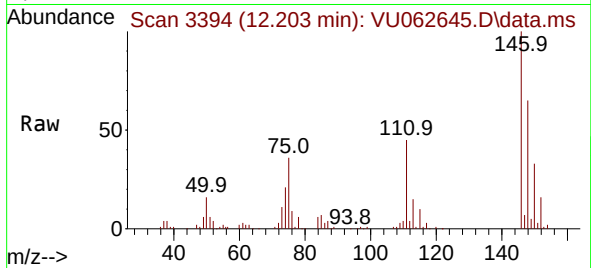




#67
1,2-Dichlorobenzene
Concen: 5.034 ug/L
RT: 12.203 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

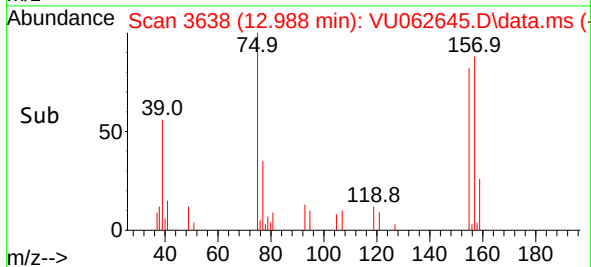
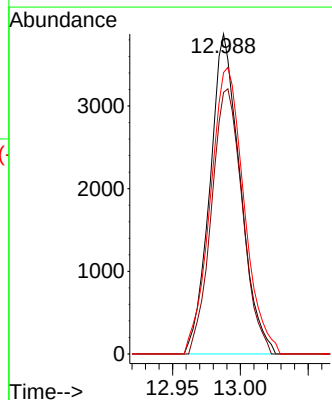
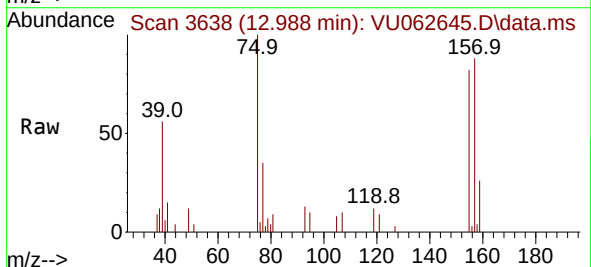
Instrument :
MSVOA_U
ClientSampleId :

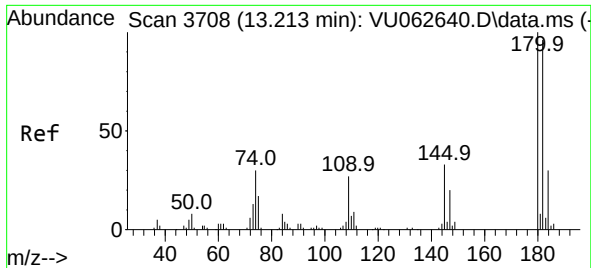
Tgt Ion:146 Resp: 71838
Ion Ratio Lower Upper
146 100
111 44.7 36.0 54.0
148 64.6 52.3 78.5



#68
1,2-Dibromo-3-chloropropane
Concen: 6.404 ug/L
RT: 12.988 min Scan# 3638
Delta R.T. -0.003 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

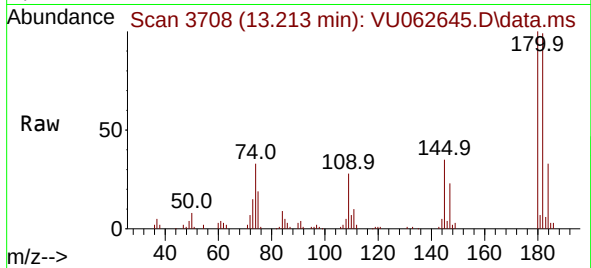
Tgt Ion: 75 Resp: 6011
Ion Ratio Lower Upper
75 100
155 81.8 55.2 82.8
157 87.9 73.5 110.3



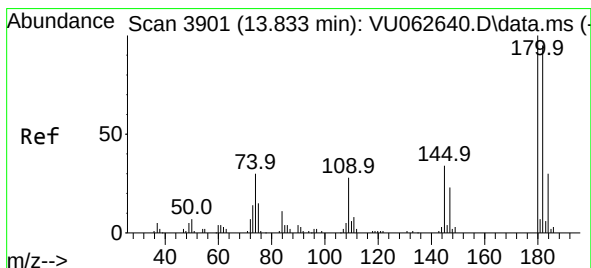
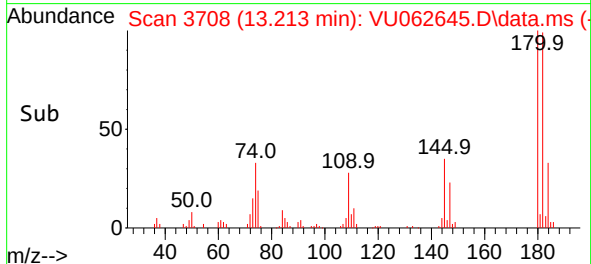
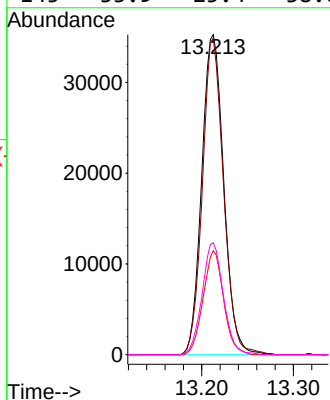


#69
 1,3,5-Trichlorobenzene
 Concen: 5.114 ug/L
 RT: 13.213 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

Instrument :
 MSVOA_U
 ClientSampleId :

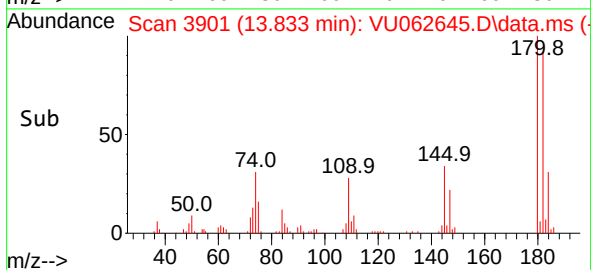
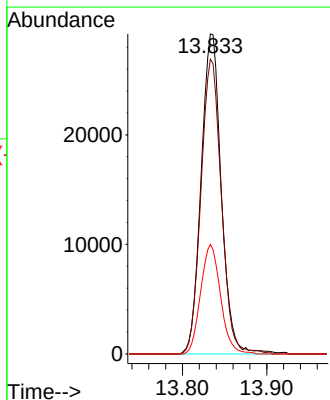
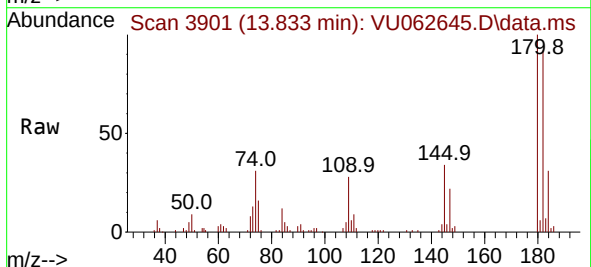


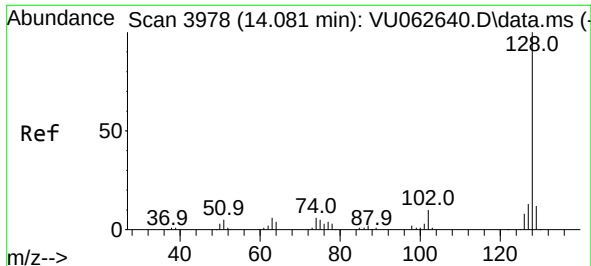
Tgt Ion:180 Resp: 58704
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.7 115.1
 184 30.2 24.8 37.2
 145 33.9 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.358 ug/L
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU062645.D
 Acq: 31 Dec 2024 14:29

Tgt Ion:180 Resp: 48563
 Ion Ratio Lower Upper
 180 100
 182 93.4 74.5 111.7
 145 33.8 25.6 38.4

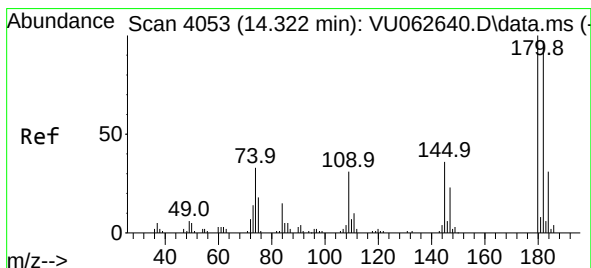
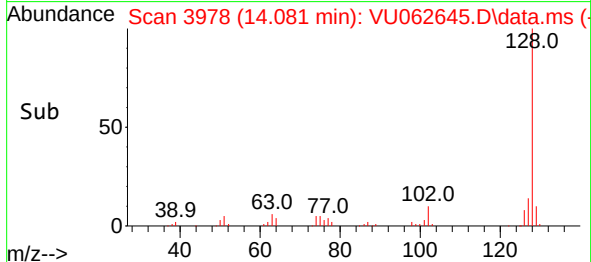
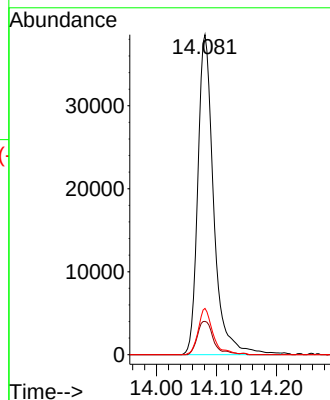
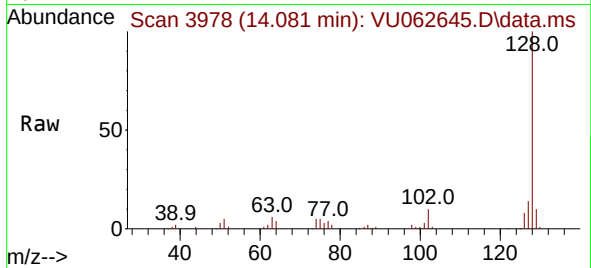




#71
Naphthalene
Concen: 5.226 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 71121
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.4 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.411 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062645.D
Acq: 31 Dec 2024 14:29

Tgt Ion:180 Resp: 43247
Ion Ratio Lower Upper
180 100
182 93.2 76.1 114.1
145 33.6 27.4 41.0

