

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121224\
 Data File : VU062295.D
 Acq On : 12 Dec 2024 18:08
 Operator : MD/SY
 Sample : P5253-12MSD
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7J35MSD

Quant Time: Dec 13 00:20:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 13 00:13:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97257	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	93092	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	48600	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	22586	3.443	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.800%
7) Chloroethane-d5	1.907	69	18670	4.001	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.560	65	11273	3.612	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.624	46	63787	50.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.480%
24) Chloroform-d	5.052	84	64910	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.692	65	33566	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.717	84	110647	4.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.679	67	32051	4.178	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.888	98	102840	4.060	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.174	79	14387	4.261	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.624	63	49548	48.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.280%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28309	4.742	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	40255	4.495	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	41935	4.603	ug/L	99
3) Chloromethane	1.515	50	34573	4.841	ug/L	98
5) Vinyl chloride	1.599	62	37100	4.990	ug/L	96
6) Bromomethane	1.853	94	22274	4.494	ug/L	94
8) Chloroethane	1.930	64	20655	4.960	ug/L	97
9) Trichlorofluoromethane	2.132	101	65700	5.091	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	32142	4.576	ug/L	91
12) 1,1-Dichloroethene	2.573	96	34027	5.182	ug/L	96
13) Acetone	2.640	43	45643	53.320	ug/L	94
14) Carbon disulfide	2.785	76	99483	4.791	ug/L	100
15) Methyl Acetate	2.955	43	10059	4.689	ug/L #	90
16) Methylene chloride	3.036	84	35911	5.210	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	84272	5.152	ug/L	97
18) trans-1,2-Dichloroethene	3.345	96	34278	5.081	ug/L	91
19) 1,1-Dichloroethane	3.856	63	62539	5.057	ug/L	99
21) 2-Butanone	4.705	43	67102	53.978	ug/L	92
22) cis-1,2-Dichloroethene	4.653	96	38770	5.127	ug/L	95
23) Bromochloromethane	4.965	128	17645	5.323	ug/L #	82
25) Chloroform	5.078	83	72674	5.217	ug/L	98

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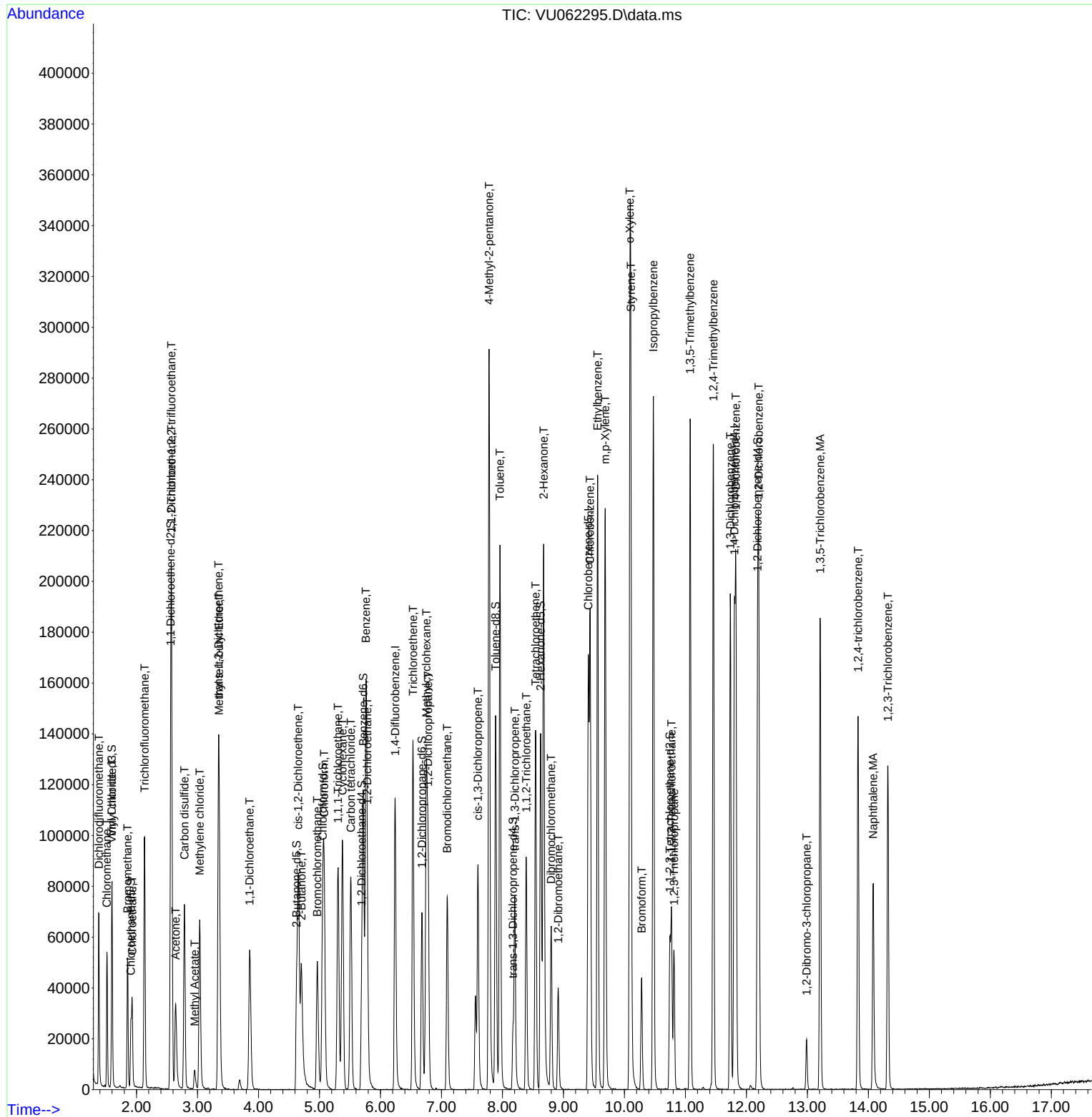
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	47543	5.371	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	68028	5.195	ug/L	94
30) Cyclohexane	5.377	56	46303	4.360	ug/L	90
31) Carbon tetrachloride	5.515	117	61037	5.083	ug/L	99
33) Benzene	5.762	78	145508	5.044	ug/L	100
34) Trichloroethene	6.534	95	49292	6.032	ug/L	96
35) Methylcyclohexane	6.753	83	51083	4.216	ug/L	96
37) 1,2-Dichloropropane	6.782	63	35841	5.102	ug/L	99
38) Bromodichloromethane	7.094	83	52758	5.323	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	54304	4.822	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	172655	52.437	ug/L #	93
42) Toluene	7.959	91	160276	5.152	ug/L	97
44) trans-1,3-Dichloropropene	8.203	75	46339	5.039	ug/L	97
45) 1,1,2-Trichloroethane	8.389	97	28741	5.419	ug/L	97
47) Tetrachloroethene	8.544	164	31565	5.003	ug/L	96
48) 2-Hexanone	8.676	43	127512	52.402	ug/L #	91
49) Dibromochloromethane	8.798	129	33775	5.271	ug/L	94
50) 1,2-Dibromoethane	8.913	107	27269	5.351	ug/L #	99
51) Chlorobenzene	9.438	112	102547	5.145	ug/L	98
52) Ethylbenzene	9.560	91	174249	4.996	ug/L	99
53) m,p-Xylene	9.685	106	65686	5.101	ug/L	99
54) o-Xylene	10.090	106	66004	5.270	ug/L	97
55) Styrene	10.106	104	108569	5.259	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.772	83	32729	5.302	ug/L #	99
59) Bromoform	10.283	173	20518	5.372	ug/L	97
60) Isopropylbenzene	10.476	105	179123	5.102	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	23341	5.194	ug/L	95
62) 1,3,5-Trimethylbenzene	11.077	105	146171	4.920	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	145138	4.986	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	81029	5.024	ug/L	97
65) 1,4-Dichlorobenzene	11.827	146	80364	4.949	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	77854	5.224	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.987	75	5792	5.909	ug/L	85
69) 1,3,5-Trichlorobenzene	13.209	180	58899	4.913	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	46529	4.916	ug/L	98
71) Naphthalene	14.080	128	71581	5.036	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	40609	4.865	ug/L	98

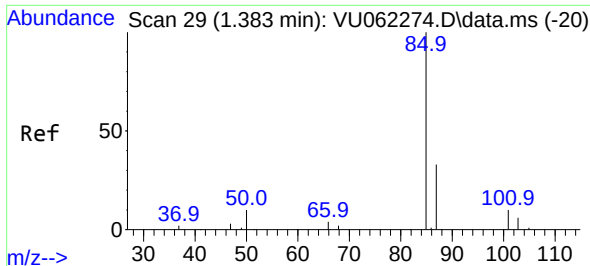
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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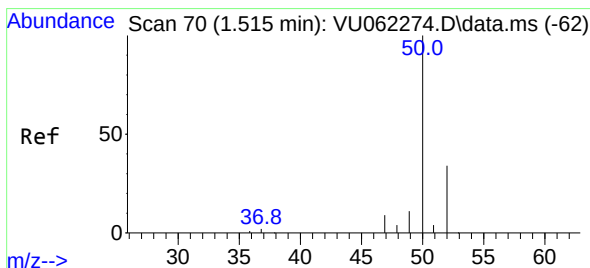
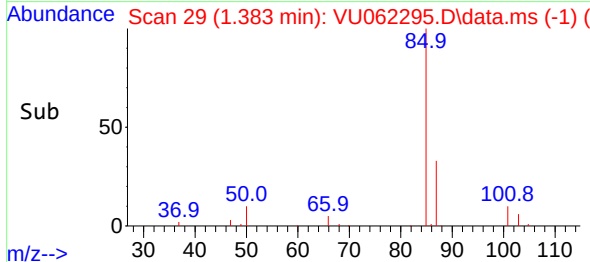
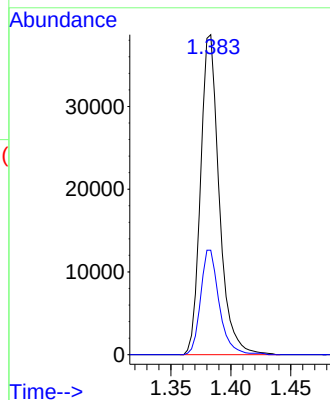
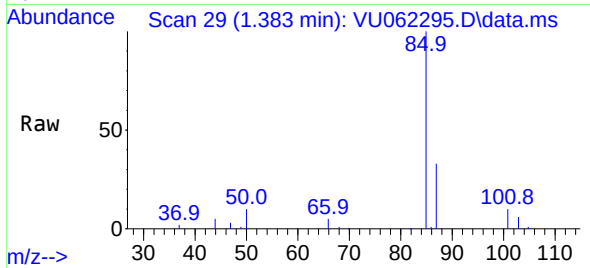




#2
Dichlorodifluoromethane
Concen: 4.603 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

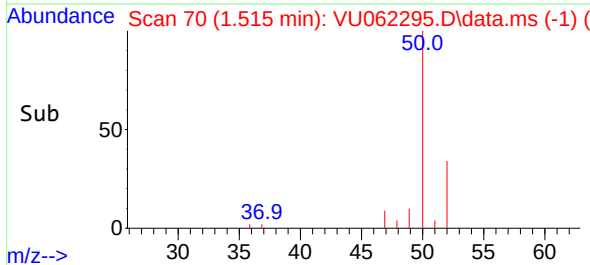
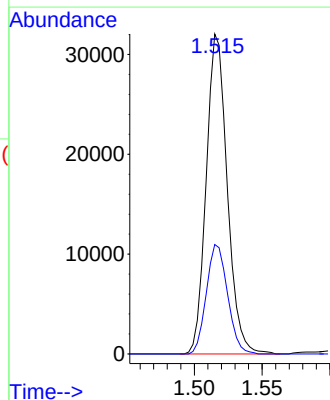
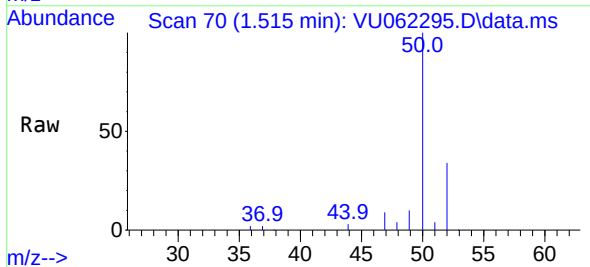
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

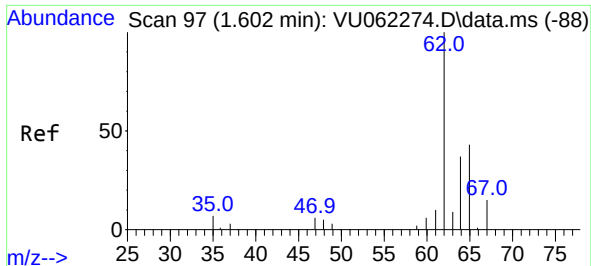
Tgt Ion: 85 Resp: 41935
Ion Ratio Lower Upper
85 100
87 32.7 26.6 40.0



#3
Chloromethane
Concen: 4.841 ug/L
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 50 Resp: 34573
Ion Ratio Lower Upper
50 100
52 34.2 23.1 42.9

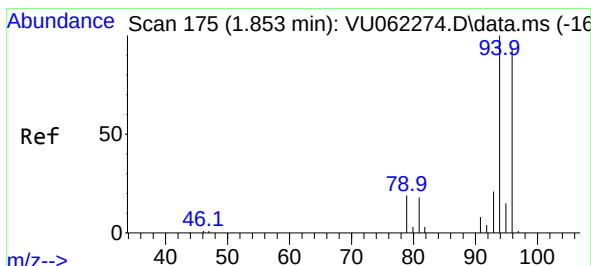
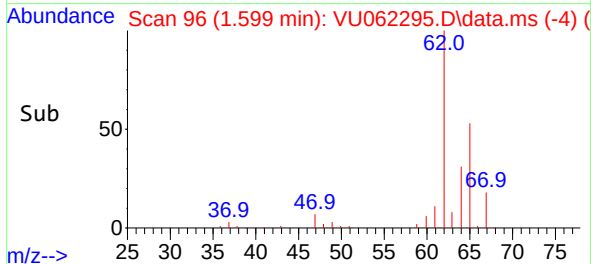
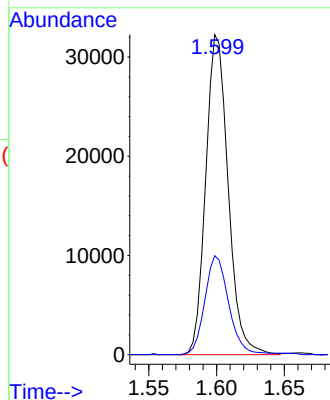
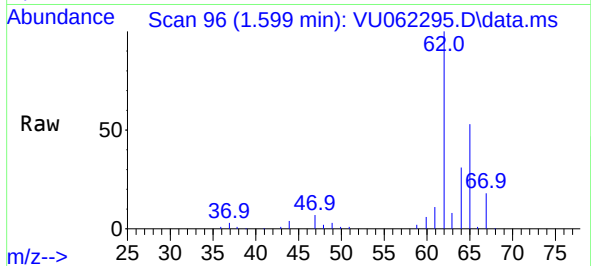




#5
 Vinyl chloride
 Concen: 4.990 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU062295.D
 Acq: 12 Dec 2024 18:08

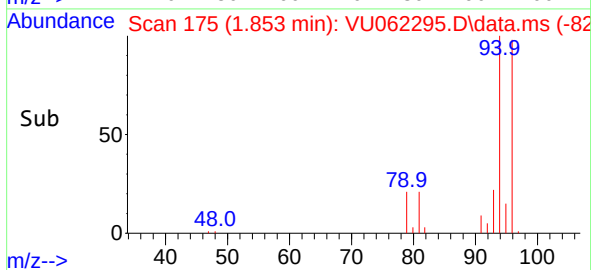
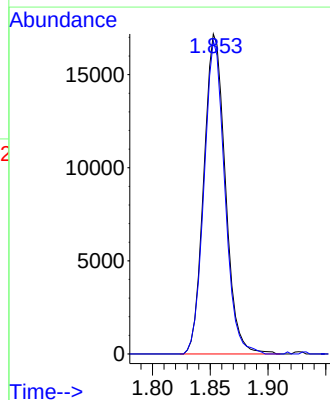
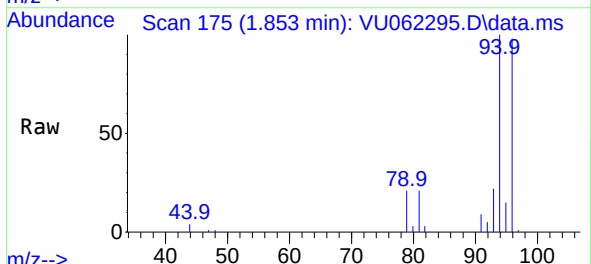
Instrument :
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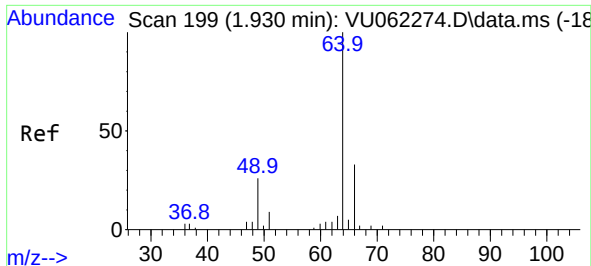
Tgt Ion: 62 Resp: 37100
 Ion Ratio Lower Upper
 62 100
 64 30.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.494 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU062295.D
 Acq: 12 Dec 2024 18:08

Tgt Ion: 94 Resp: 22274
 Ion Ratio Lower Upper
 94 100
 96 97.9 64.5 119.9

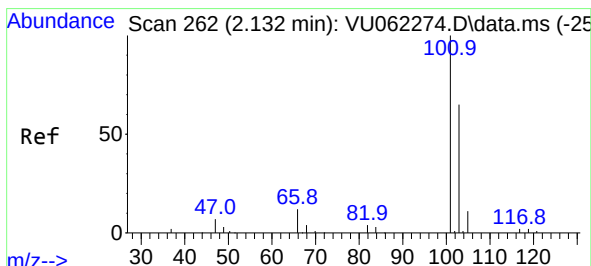
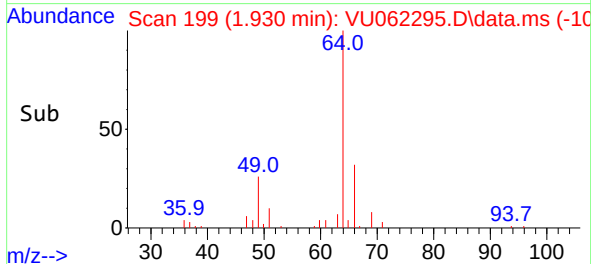
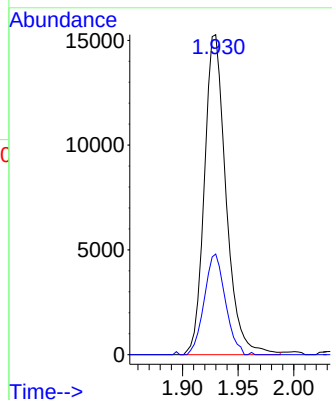
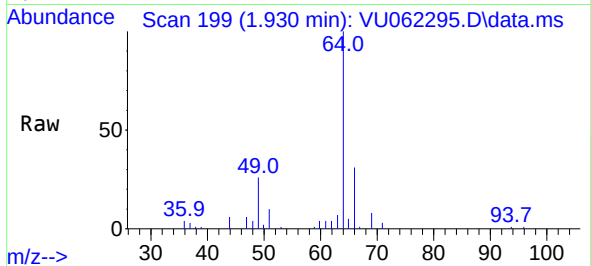




#8
Chloroethane
Concen: 4.960 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

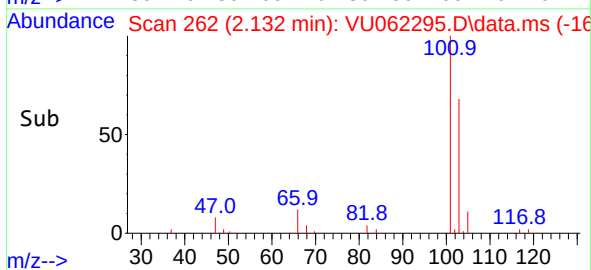
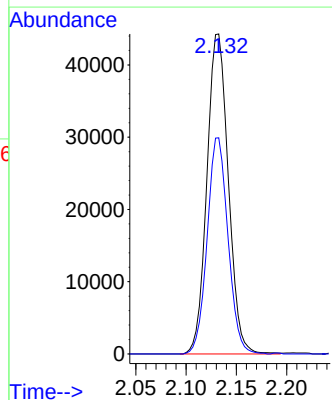
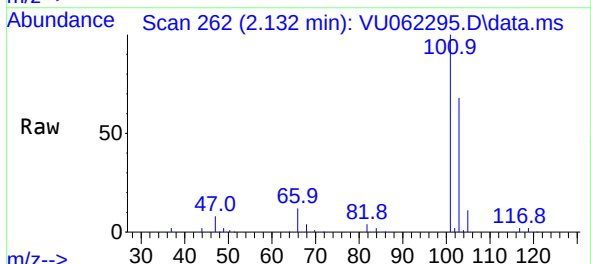
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MSVOA_U
ClientSampleId :
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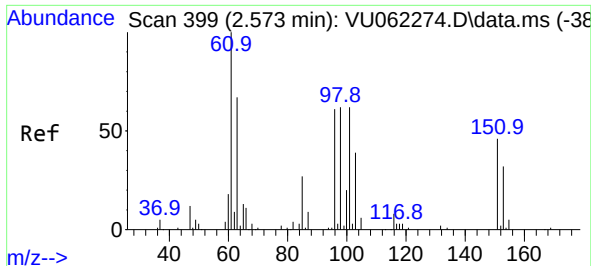
Tgt Ion: 64 Resp: 20655
Ion Ratio Lower Upper
64 100
66 31.5 23.2 43.2



#9
Trichlorofluoromethane
Concen: 5.091 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:101 Resp: 65700
Ion Ratio Lower Upper
101 100
103 65.6 50.6 75.8

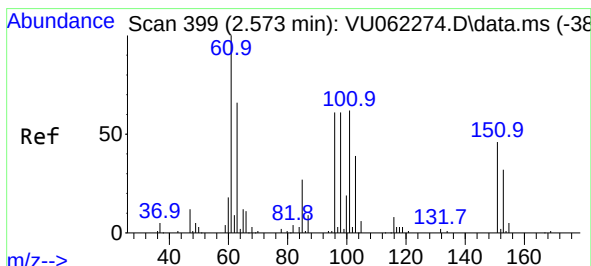
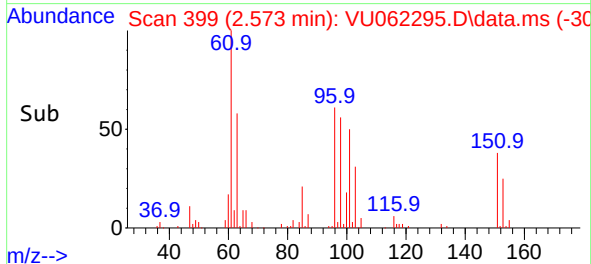
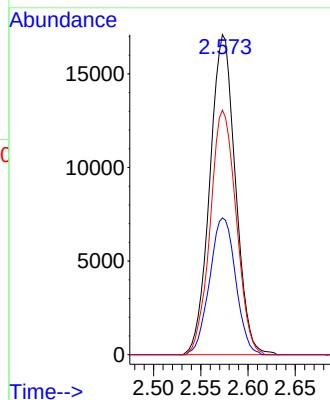
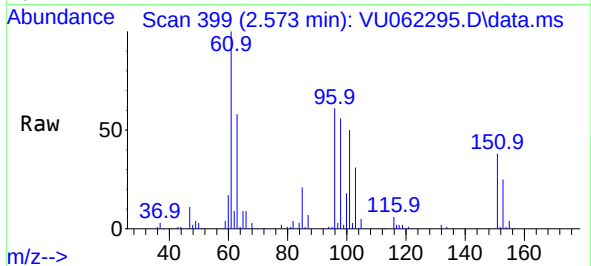




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.576 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

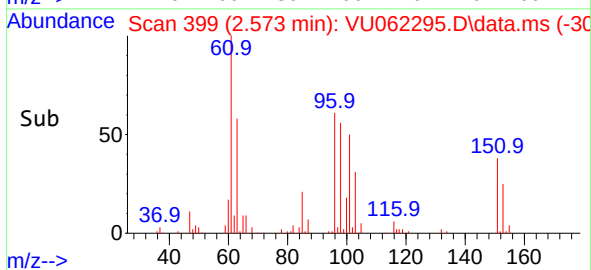
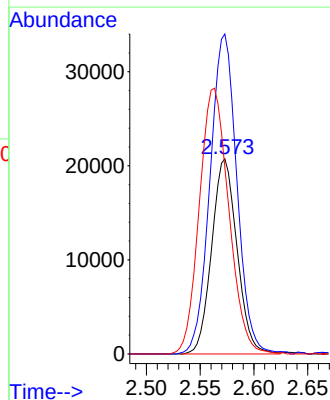
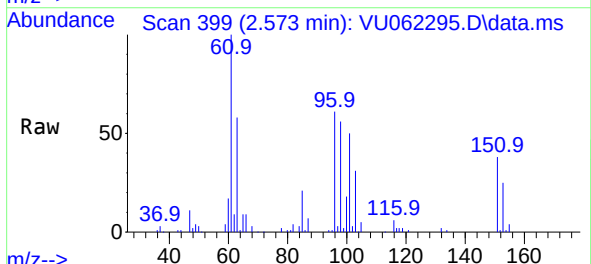
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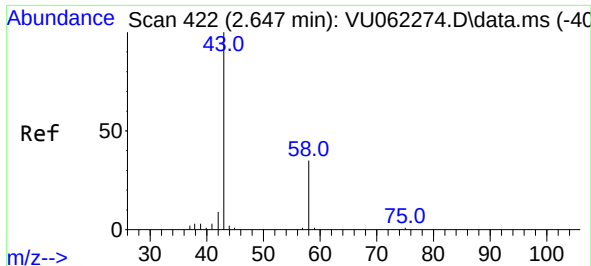
Tgt Ion:101 Resp: 32142
Ion Ratio Lower Upper
101 100
85 43.5 38.0 57.0
151 77.6 55.3 82.9



#12
1,1-Dichloroethene
Concen: 5.182 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 96 Resp: 34027
Ion Ratio Lower Upper
96 100
61 163.9 119.6 222.2
63 95.5 65.0 120.6





#13

Acetone

Concen: 53.320 ug/L

RT: 2.640 min Scan# 41

Delta R.T. -0.006 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

Instrument :

MSVOA_U

ClientSampleId :

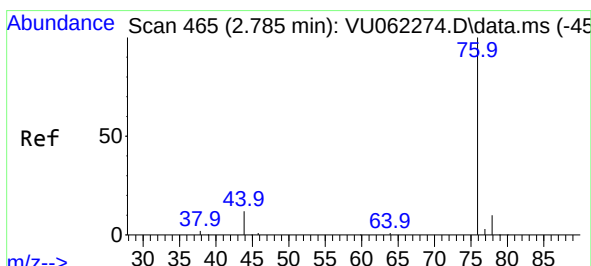
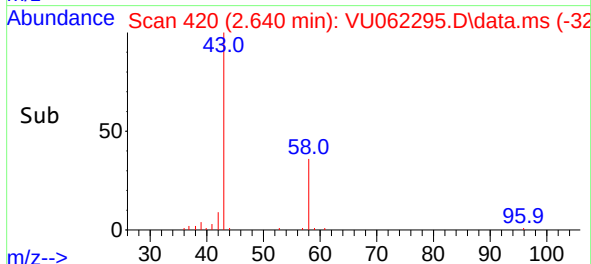
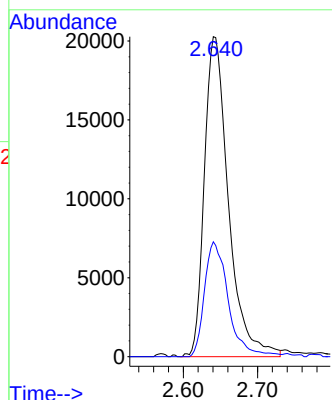
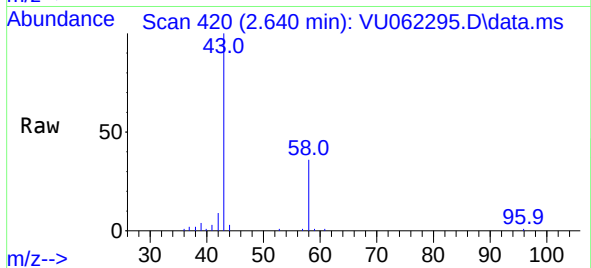
F7J35MSD

Tgt Ion: 43 Resp: 45643

Ion Ratio Lower Upper

43 100

58 35.5 0.0 64.0



#14

Carbon disulfide

Concen: 4.791 ug/L

RT: 2.785 min Scan# 465

Delta R.T. 0.000 min

Lab File: VU062295.D

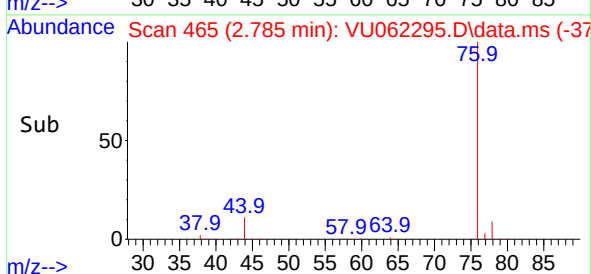
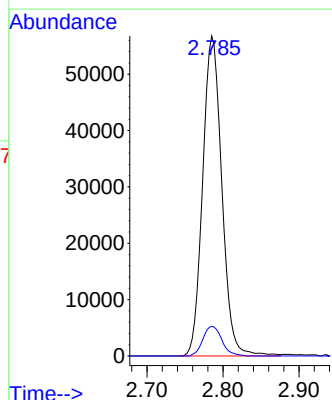
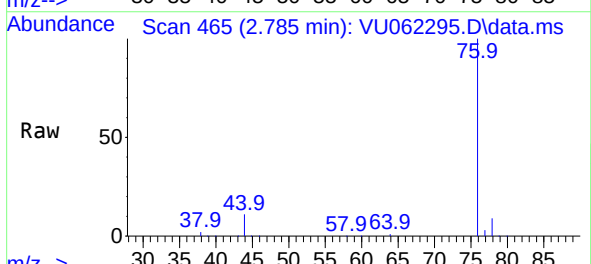
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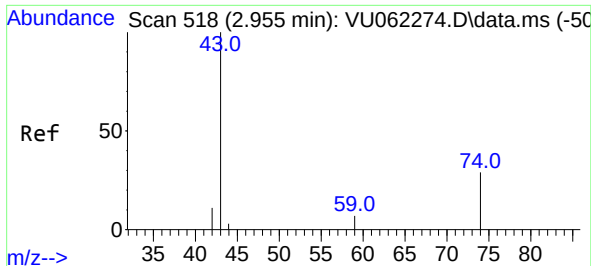
Tgt Ion: 76 Resp: 99483

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

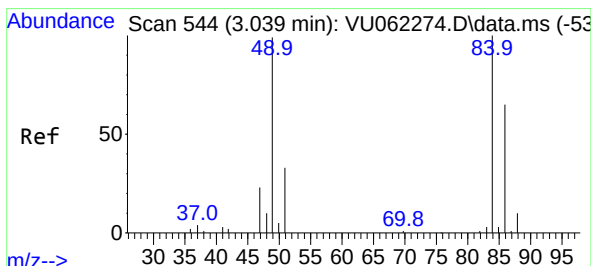
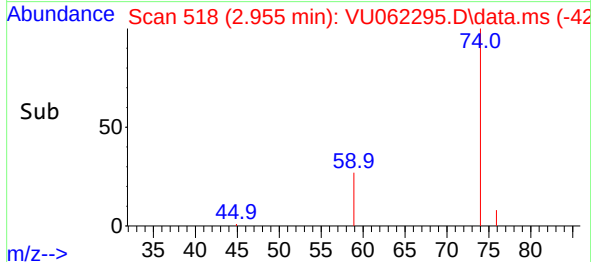
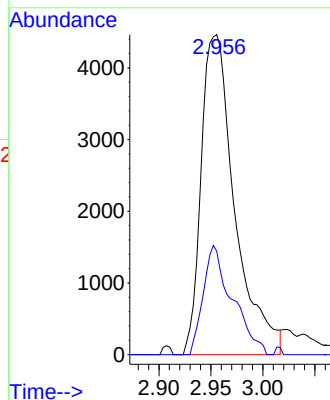
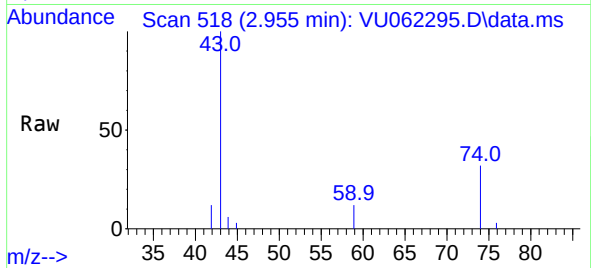




#15
Methyl Acetate
Concen: 4.689 ug/L
RT: 2.955 min Scan# 518
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

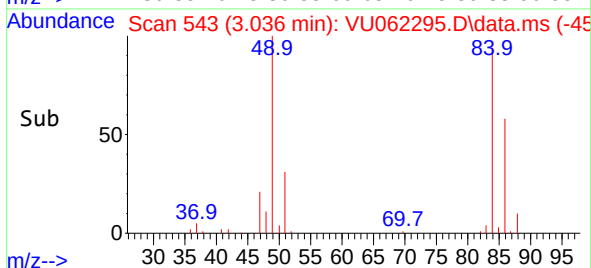
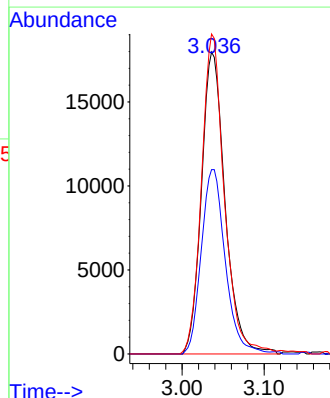
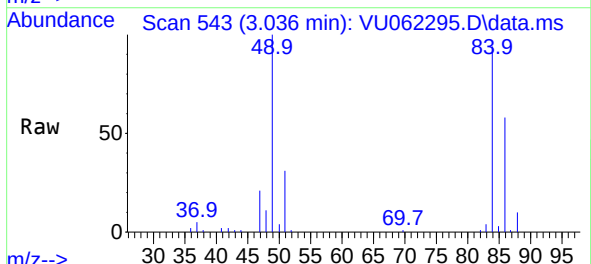
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

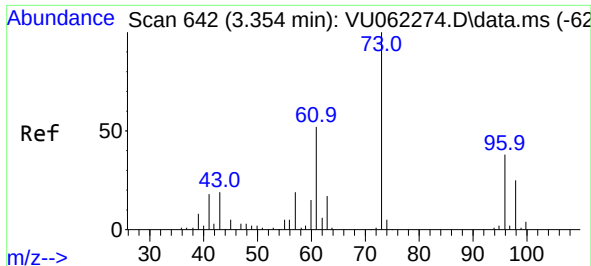
Tgt Ion: 43 Resp: 10059
Ion Ratio Lower Upper
43 100
74 29.5 19.4 29.2#



#16
Methylene chloride
Concen: 5.210 ug/L
RT: 3.036 min Scan# 543
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 84 Resp: 35911
Ion Ratio Lower Upper
84 100
86 61.1 43.5 80.7
49 106.0 81.9 152.1

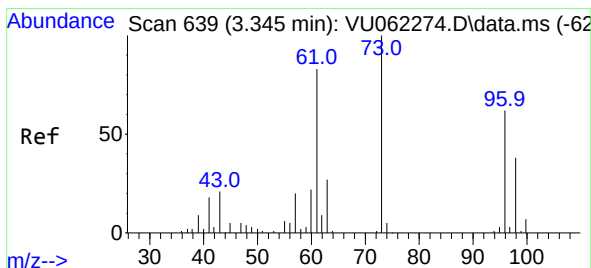
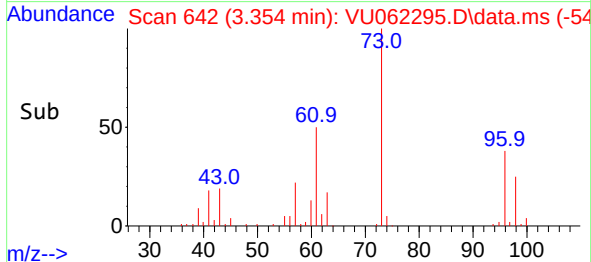
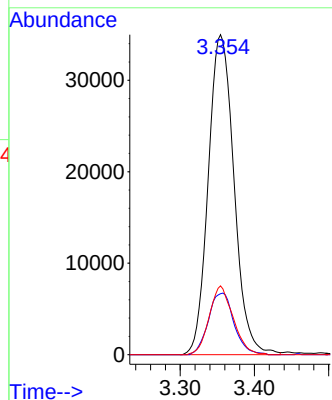
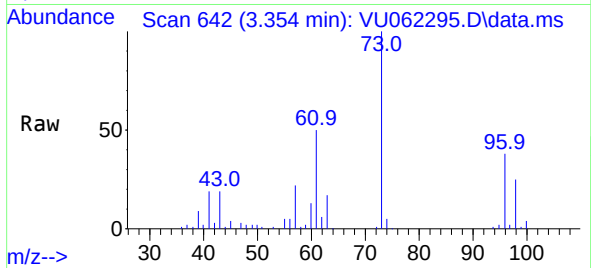




#17
Methyl tert-butyl Ether
Concen: 5.152 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

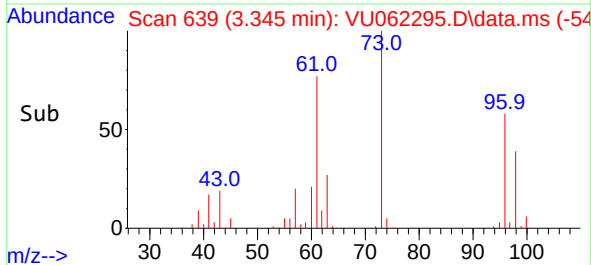
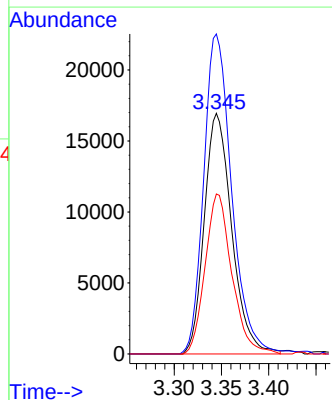
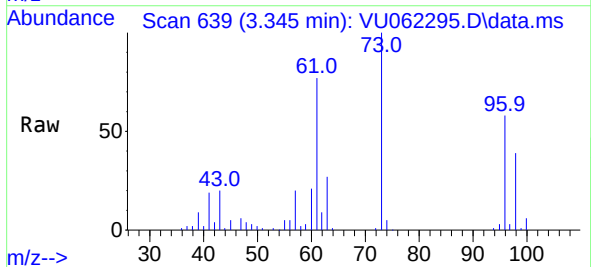
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

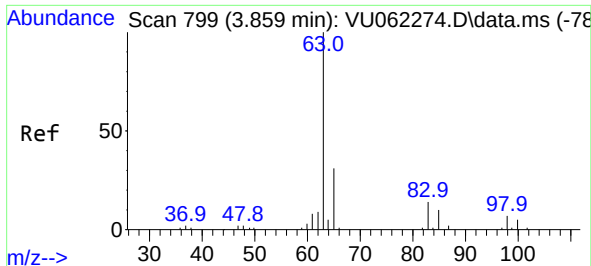
Tgt Ion: 73 Resp: 84272
Ion Ratio Lower Upper
73 100
43 19.2 16.3 24.5
57 20.0 17.1 25.7



#18
trans-1,2-Dichloroethene
Concen: 5.081 ug/L
RT: 3.345 min Scan# 639
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 96 Resp: 34278
Ion Ratio Lower Upper
96 100
61 133.0 104.2 193.4
98 66.5 45.7 84.9

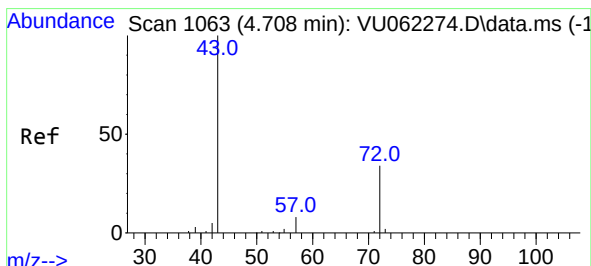
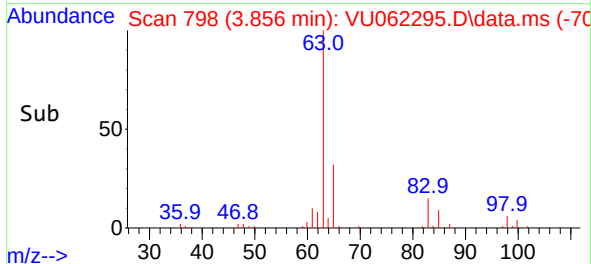
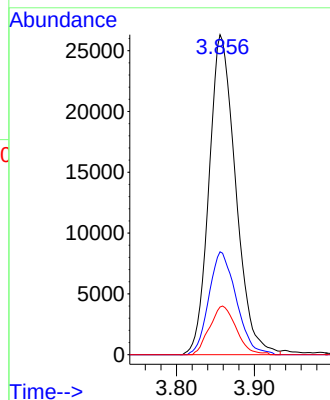
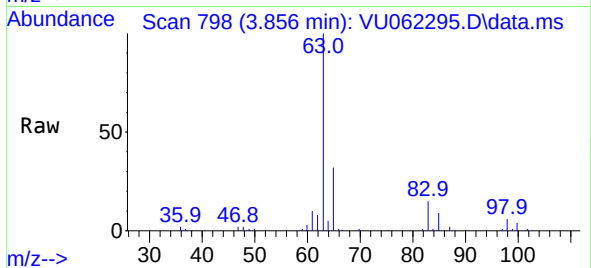




#19
1,1-Dichloroethane
Concen: 5.057 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

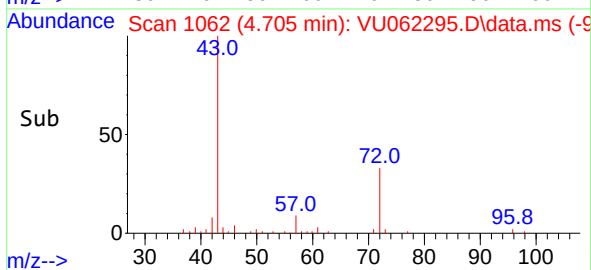
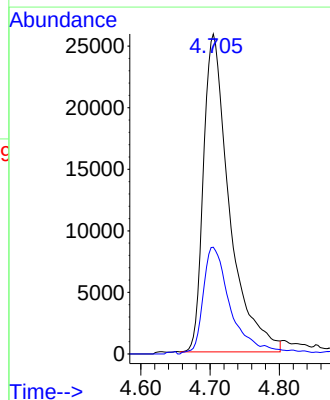
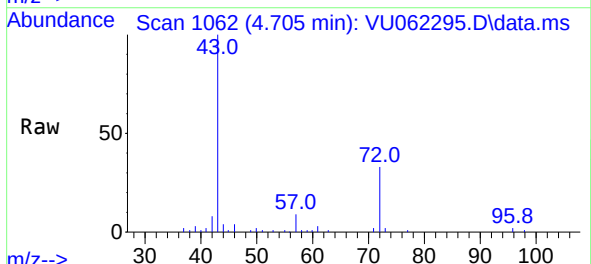
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

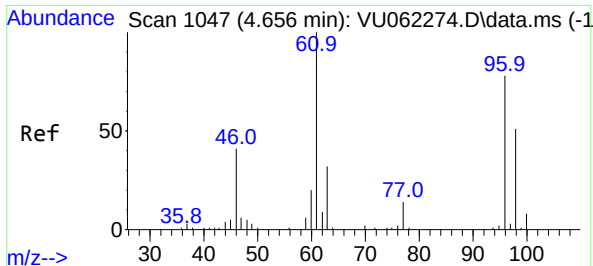
Tgt Ion:	63	Resp:	62539
Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.3
83	14.9	9.9	18.3



#21
2-Butanone
Concen: 53.978 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:	43	Resp:	67102
Ion	Ratio	Lower	Upper
43	100		
72	34.0	14.8	44.4

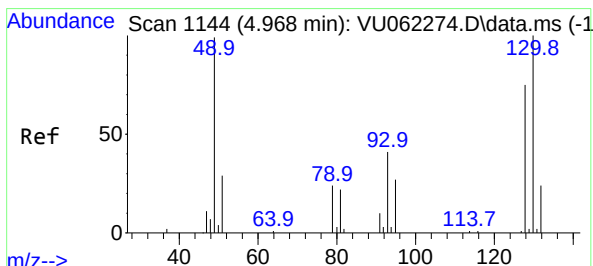
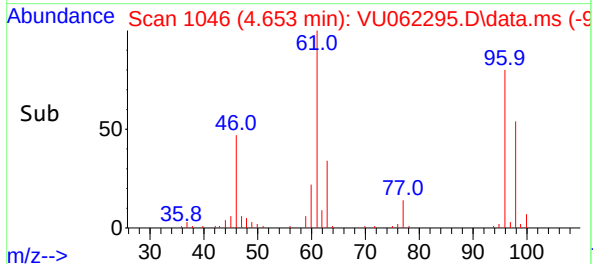
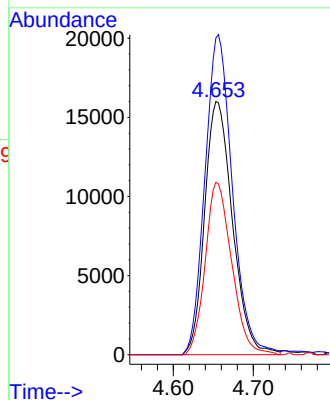
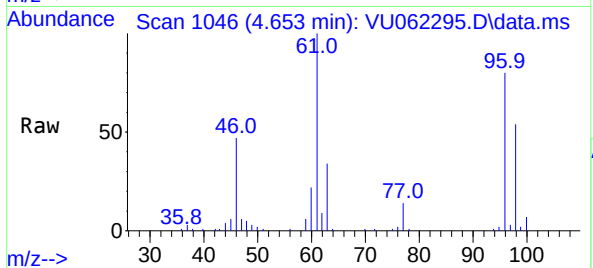




#22
cis-1,2-Dichloroethene
Concen: 5.127 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

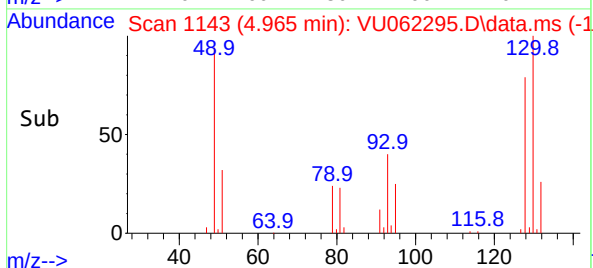
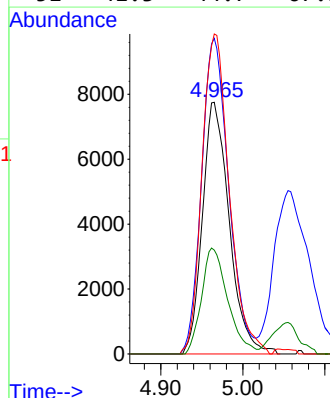
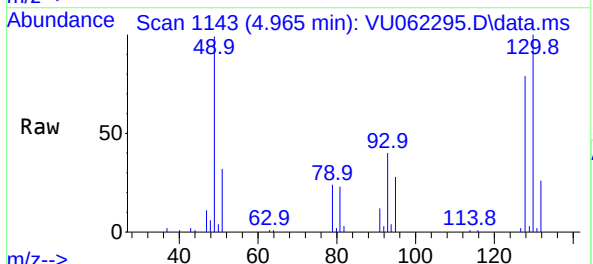
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

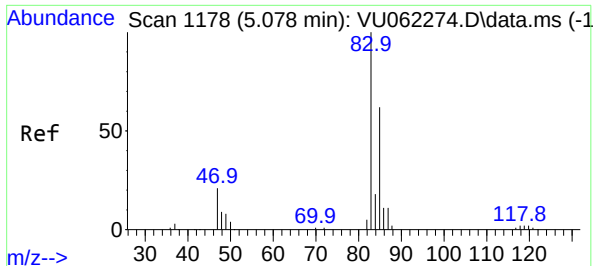
Tgt Ion: 96 Resp: 38770
Ion Ratio Lower Upper
96 100
61 125.1 92.0 170.8
98 68.0 44.5 82.7



#23
Bromochloromethane
Concen: 5.323 ug/L
RT: 4.965 min Scan# 1143
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 128 Resp: 17645
Ion Ratio Lower Upper
128 100
49 125.4 115.3 214.1
130 127.2 92.0 170.8
51 41.3 44.7 67.1#





#25

Chloroform

Concen: 5.217 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

Instrument :

MSVOA_U

ClientSampleId :

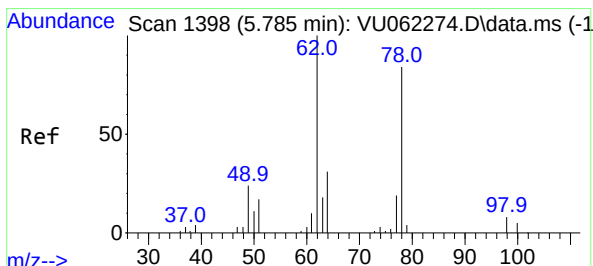
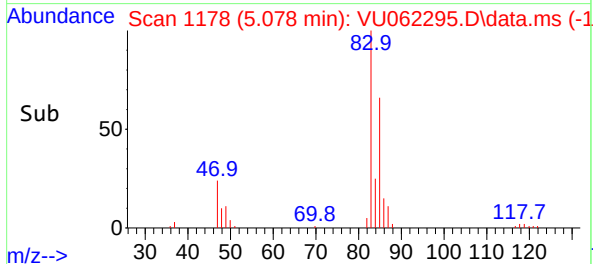
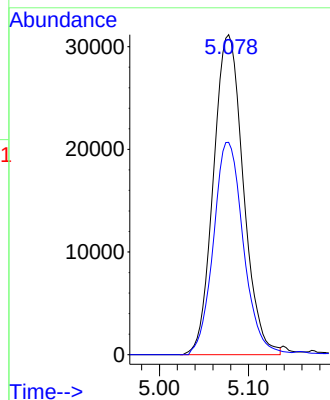
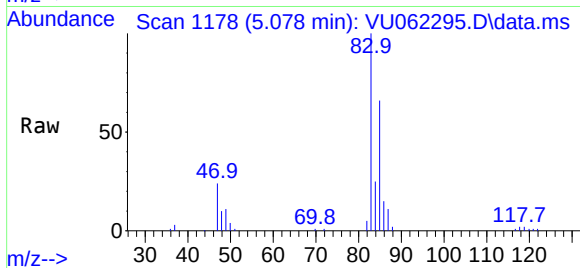
F7J35MSD

Tgt Ion: 83 Resp: 72674

Ion Ratio Lower Upper

83 100

85 66.4 45.4 84.2



#27

1,2-Dichloroethane

Concen: 5.371 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. 0.000 min

Lab File: VU062295.D

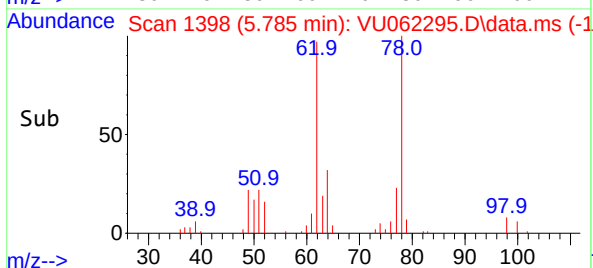
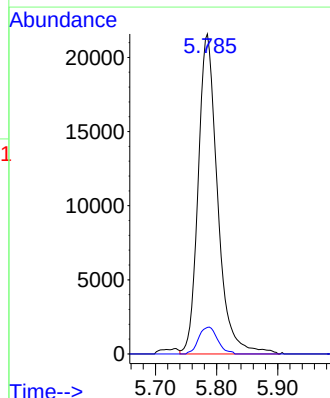
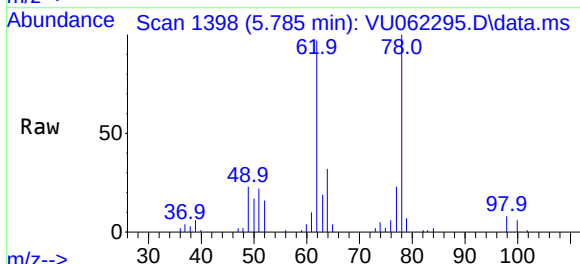
Acq: 12 Dec 2024 18:08

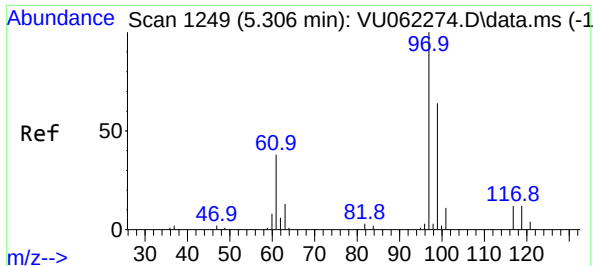
Tgt Ion: 62 Resp: 47543

Ion Ratio Lower Upper

62 100

98 8.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.195 ug/L

RT: 5.306 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

Instrument :

MSVOA_U

ClientSampleId :

F7J35MSD

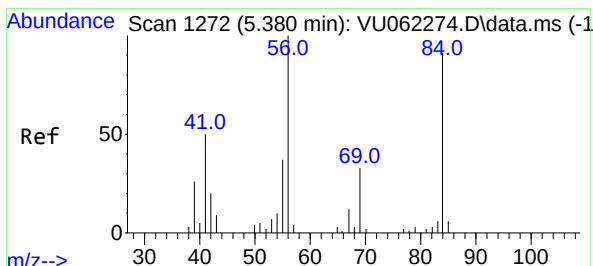
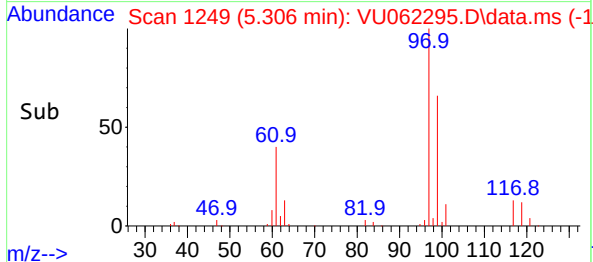
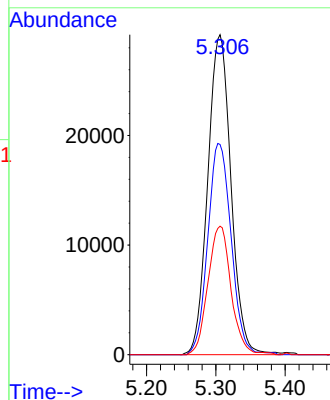
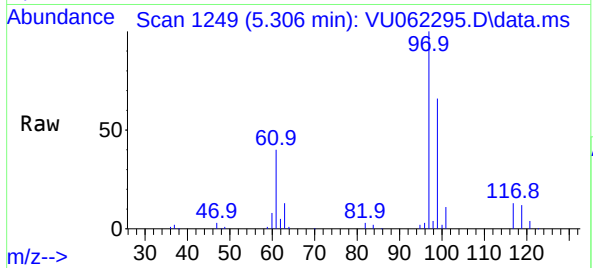
Tgt Ion: 97 Resp: 68028

Ion Ratio Lower Upper

97 100

99 66.3 51.4 77.2

61 39.7 37.8 56.6



#30

Cyclohexane

Concen: 4.360 ug/L

RT: 5.377 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

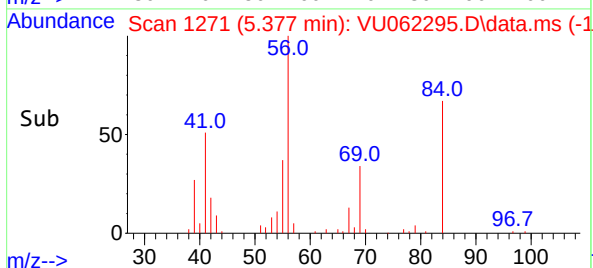
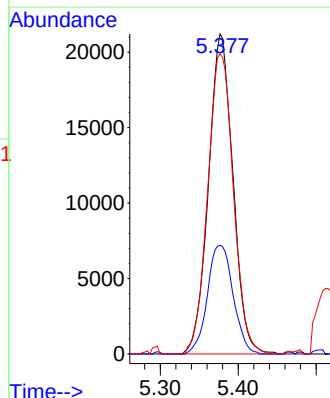
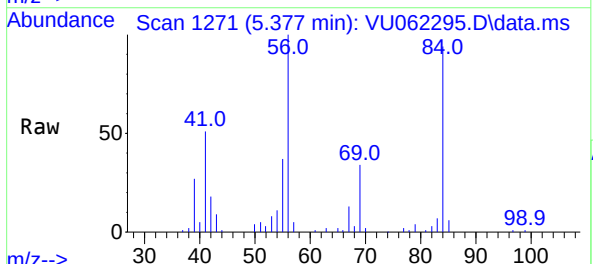
Tgt Ion: 56 Resp: 46303

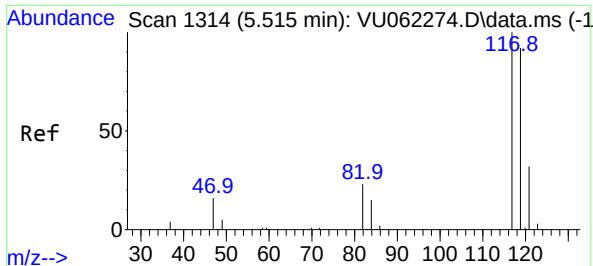
Ion Ratio Lower Upper

56 100

69 35.7 25.1 37.7

84 98.2 70.6 105.8

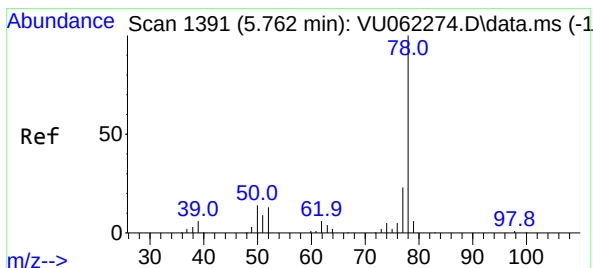
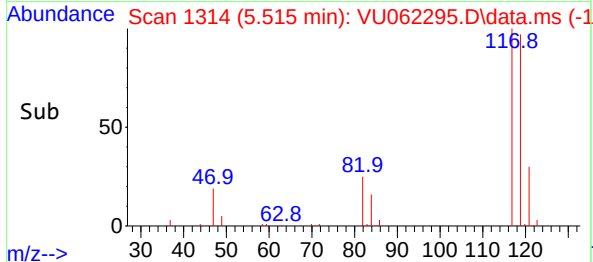
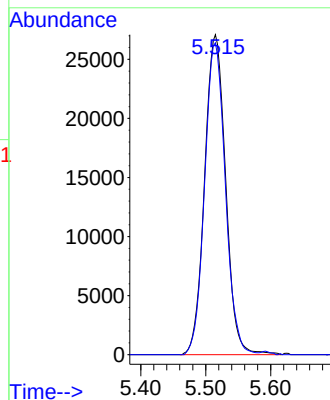
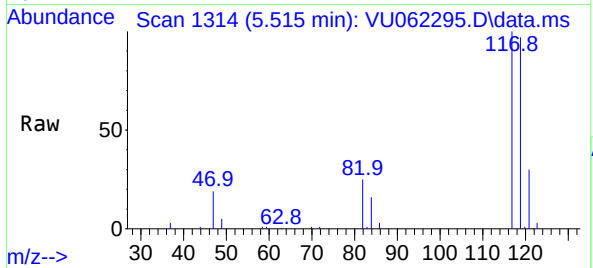




#31
Carbon tetrachloride
Concen: 5.083 ug/L
RT: 5.515 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

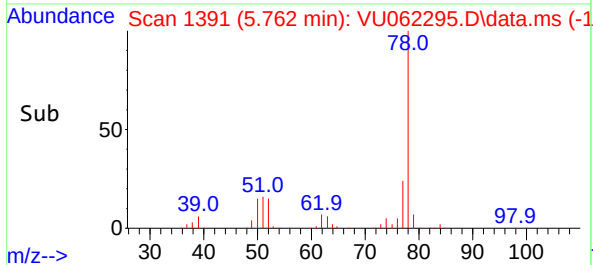
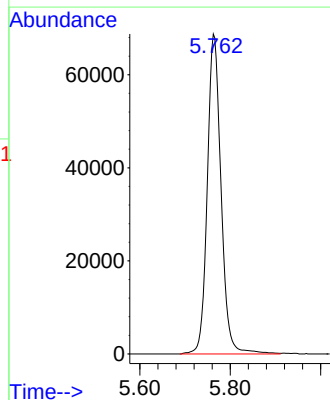
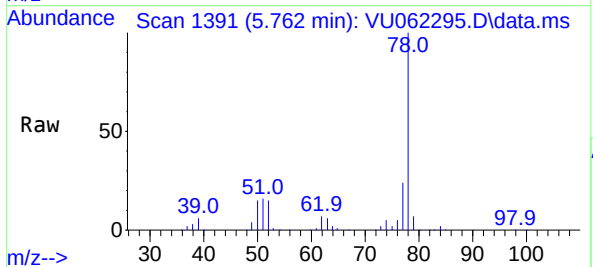
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

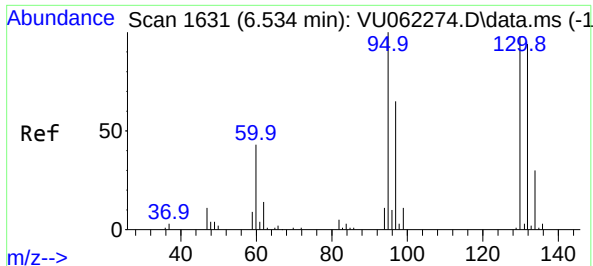
Tgt Ion:117 Resp: 61037
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.044 ug/L
RT: 5.762 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 78 Resp: 145508

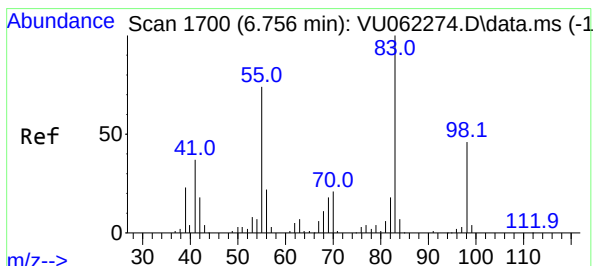
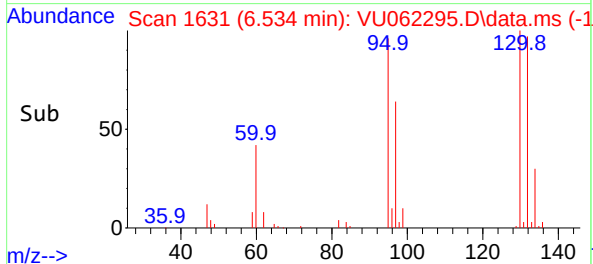
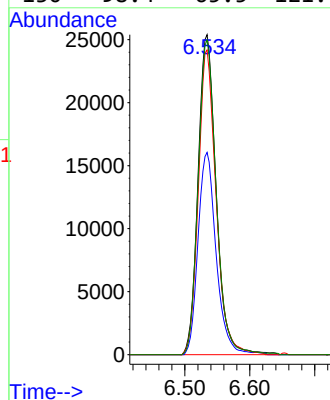
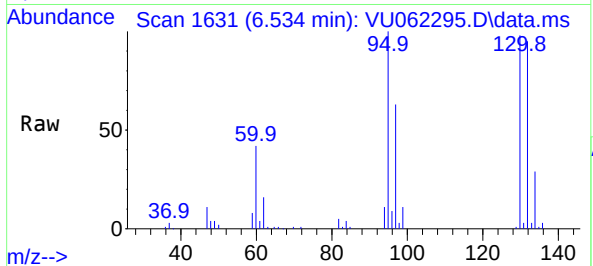




#34
Trichloroethene
Concen: 6.032 ug/L
RT: 6.534 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

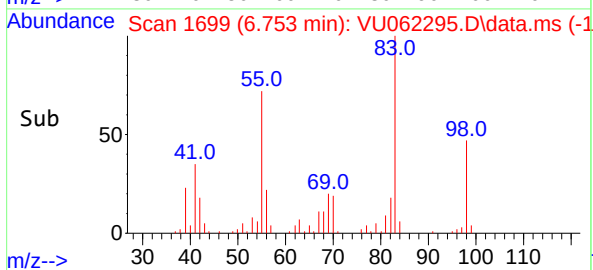
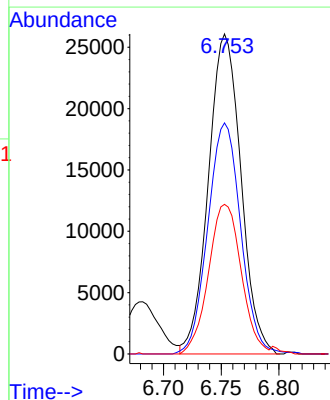
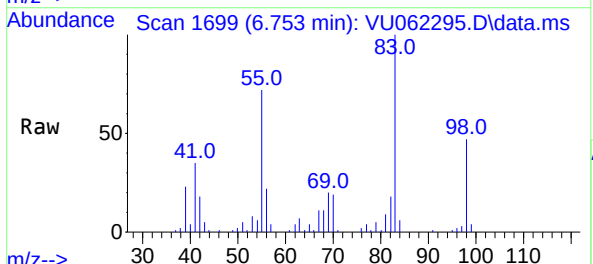
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

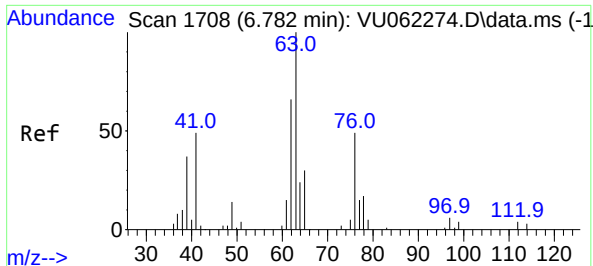
Tgt Ion: 95 Resp: 49292
Ion Ratio Lower Upper
95 100
97 63.2 45.9 85.3
132 95.2 63.8 118.4
130 98.4 65.5 121.7



#35
Methylcyclohexane
Concen: 4.216 ug/L
RT: 6.753 min Scan# 1699
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 83 Resp: 51083
Ion Ratio Lower Upper
83 100
55 73.2 60.7 91.1
98 47.1 34.8 52.2

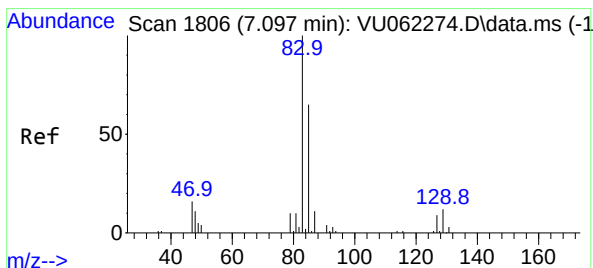
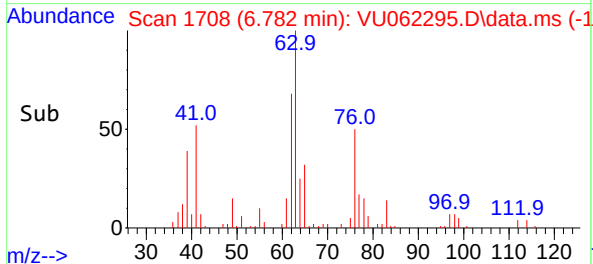
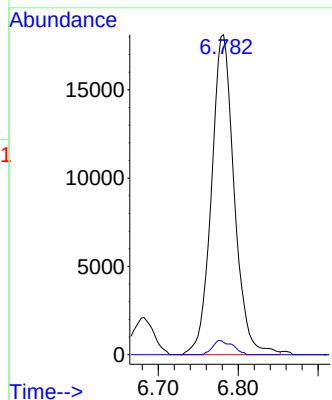
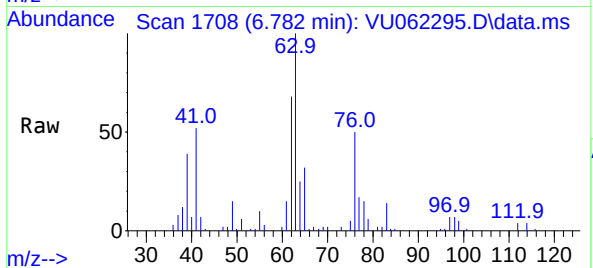




#37
1,2-Dichloropropane
Concen: 5.102 ug/L
RT: 6.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

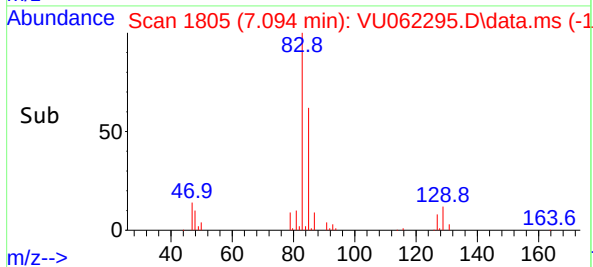
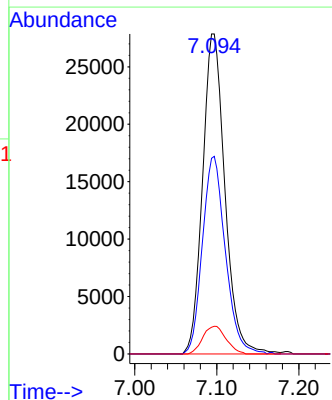
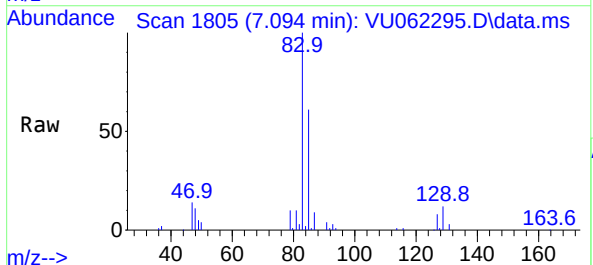
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

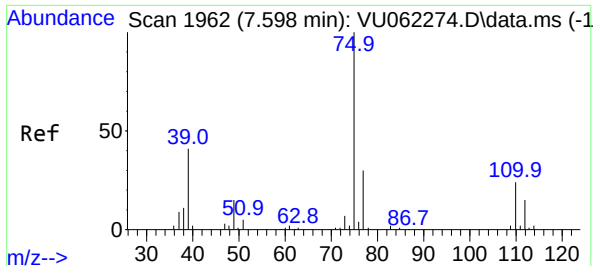
Tgt Ion: 63 Resp: 35841
Ion Ratio Lower Upper
63 100
112 3.9 3.4 5.0



#38
Bromodichloromethane
Concen: 5.323 ug/L
RT: 7.094 min Scan# 1805
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 83 Resp: 52758
Ion Ratio Lower Upper
83 100
85 61.2 44.1 81.9
127 8.3 6.9 10.3

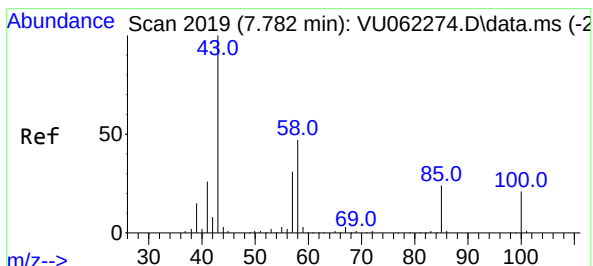
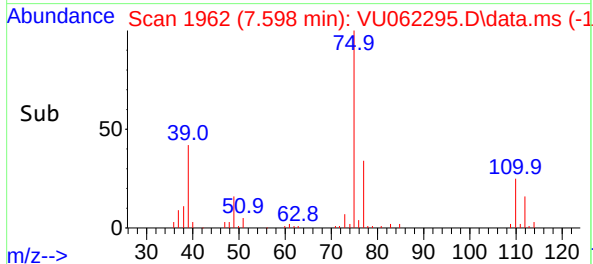
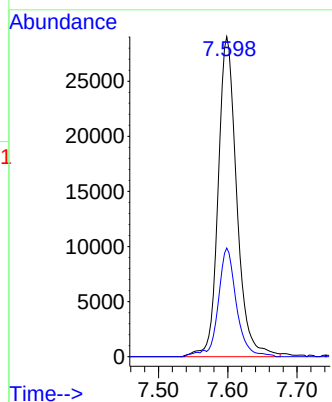
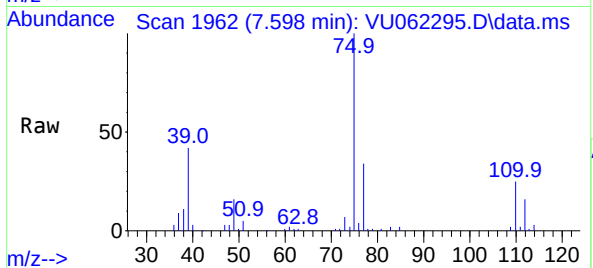




#39
cis-1,3-Dichloropropene
Concen: 4.822 ug/L
RT: 7.598 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

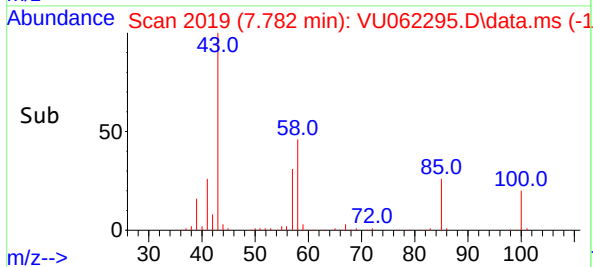
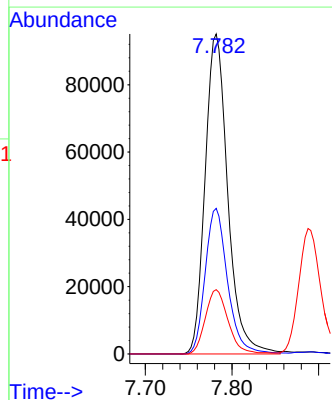
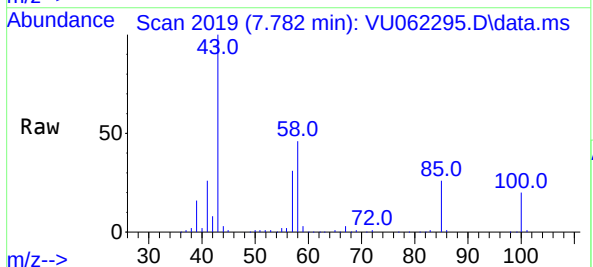
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

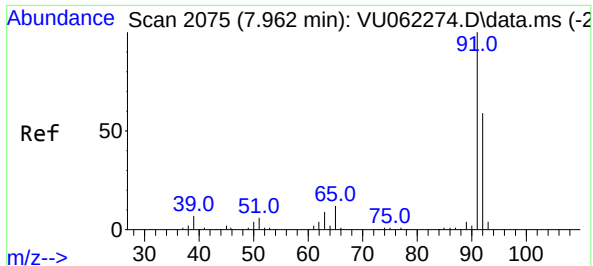
Tgt Ion: 75 Resp: 54304
Ion Ratio Lower Upper
75 100
77 33.9 22.3 41.3



#40
4-Methyl-2-pentanone
Concen: 52.437 ug/L
RT: 7.782 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 43 Resp: 172655
Ion Ratio Lower Upper
43 100
58 45.2 33.3 49.9
100 20.3 12.4 18.6#

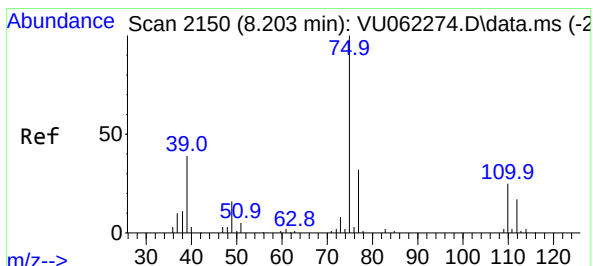
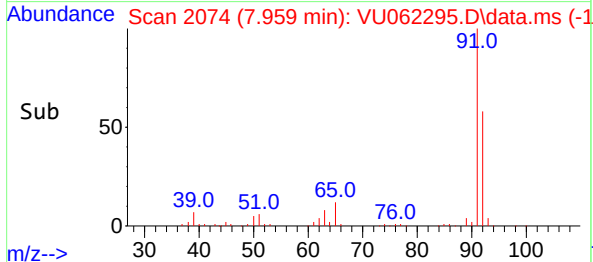
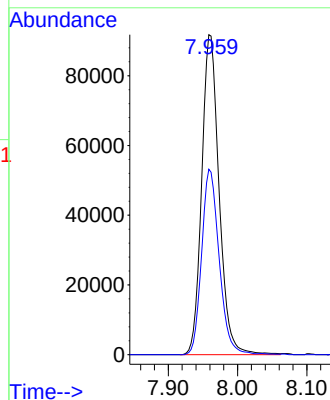
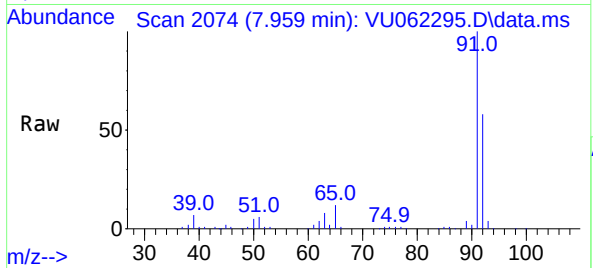




#42
Toluene
Concen: 5.152 ug/L
RT: 7.959 min Scan# 2075
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

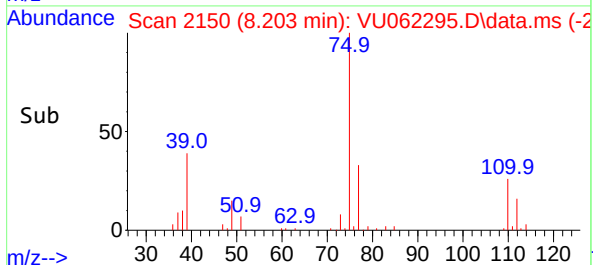
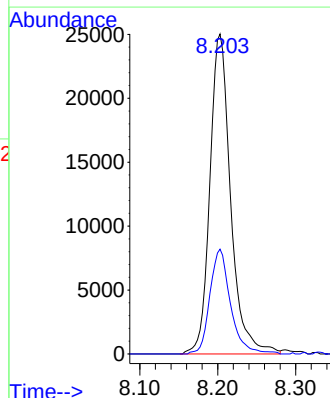
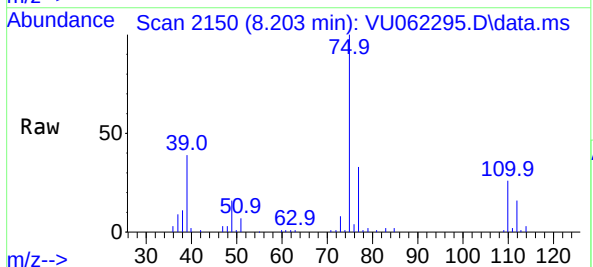
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

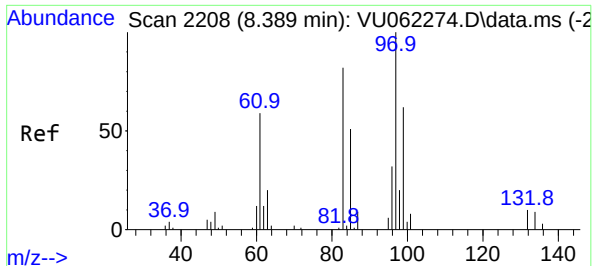
Tgt Ion: 91 Resp: 160276
Ion Ratio Lower Upper
91 100
92 57.9 39.0 72.4



#44
trans-1,3-Dichloropropene
Concen: 5.039 ug/L
RT: 8.203 min Scan# 2150
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 75 Resp: 46339
Ion Ratio Lower Upper
75 100
77 32.7 21.8 40.4



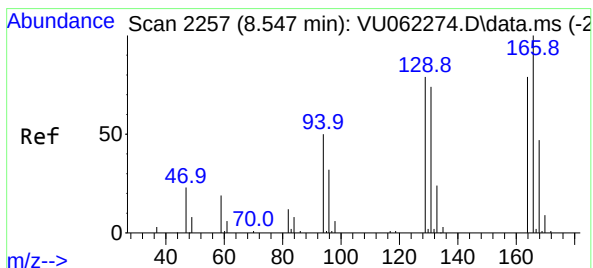
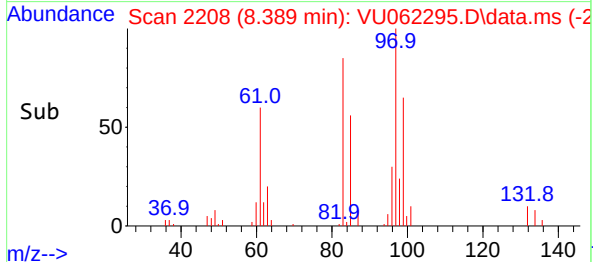
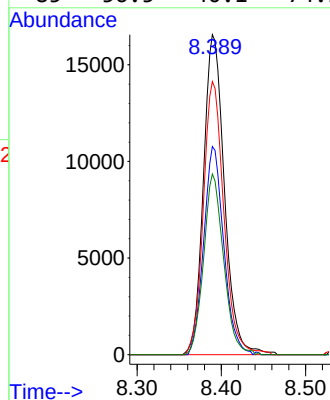
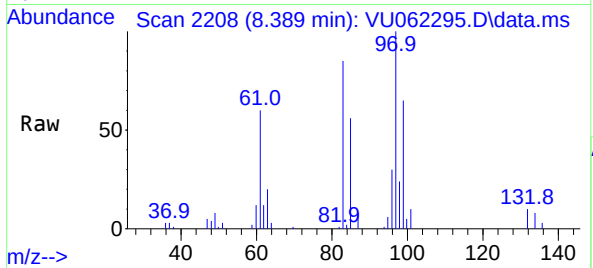


#45
1,1,2-Trichloroethane
Concen: 5.419 ug/L
RT: 8.389 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

Tgt Ion: 97 Resp: 28741

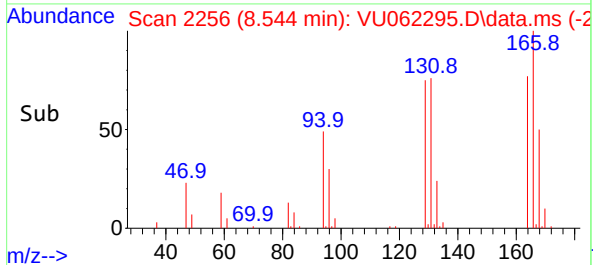
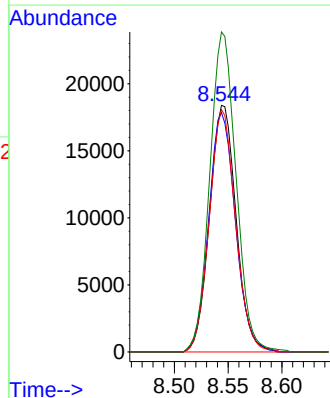
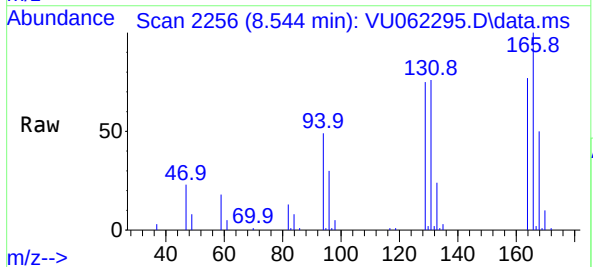
Ion	Ratio	Lower	Upper
97	100		
99	65.0	43.0	79.8
83	85.3	61.7	114.5
85	56.5	40.1	74.5

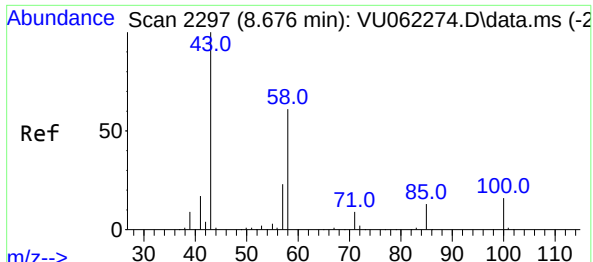


#47
Tetrachloroethene
Concen: 5.003 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 164 Resp: 31565

Ion	Ratio	Lower	Upper
164	100		
129	97.1	73.2	136.0
131	98.3	72.3	134.3
166	129.8	90.2	167.4

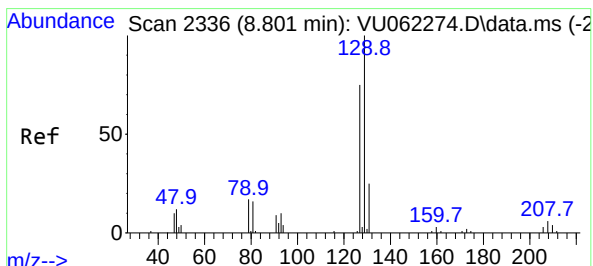
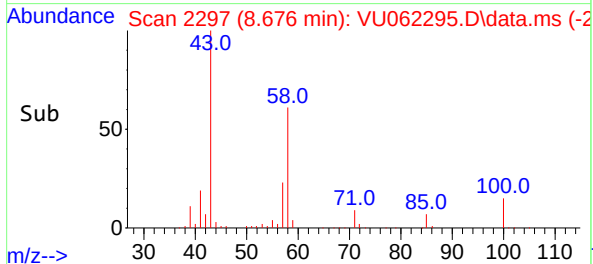
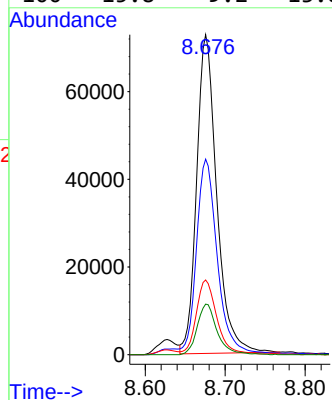
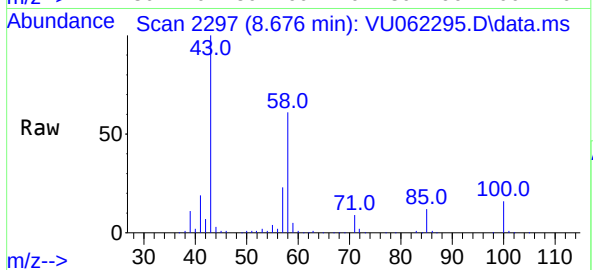




#48
2-Hexanone
Concen: 52.402 ug/L
RT: 8.676 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

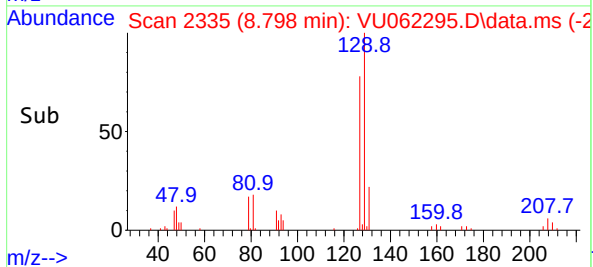
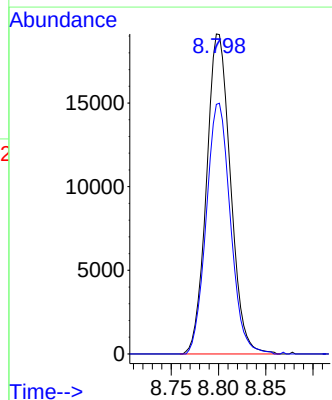
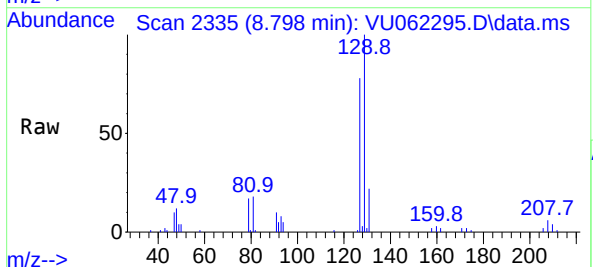
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

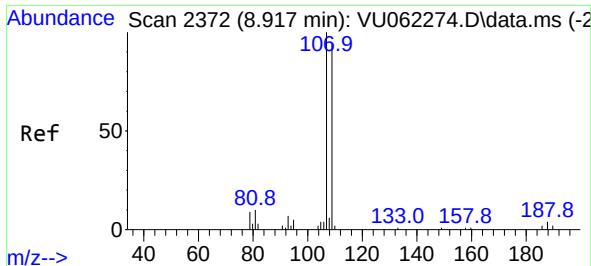
Tgt Ion: 43 Resp: 127512
Ion Ratio Lower Upper
43 100
58 65.8 47.5 71.3
57 23.5 15.6 23.4#
100 15.8 9.2 13.8#



#49
Dibromochloromethane
Concen: 5.271 ug/L
RT: 8.798 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 129 Resp: 33775
Ion Ratio Lower Upper
129 100
127 78.0 51.1 94.9

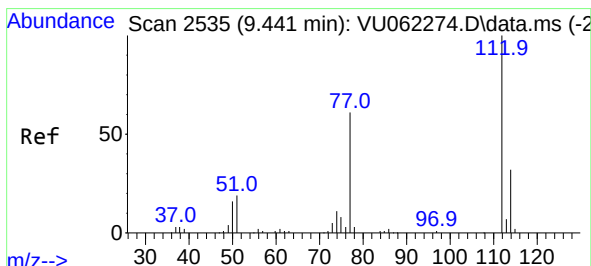
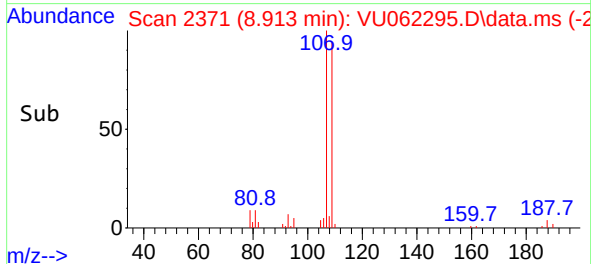
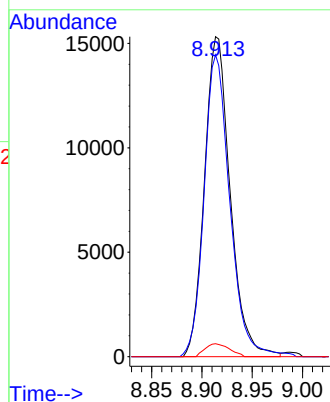
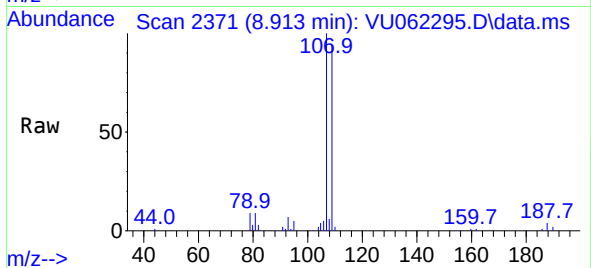




#50
1,2-Dibromoethane
Concen: 5.351 ug/L
RT: 8.913 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

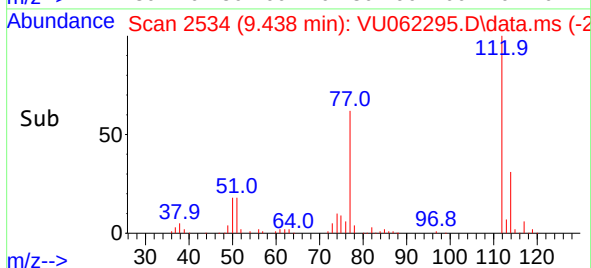
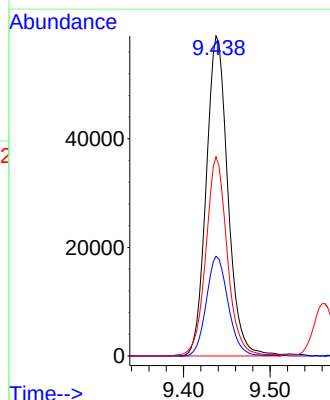
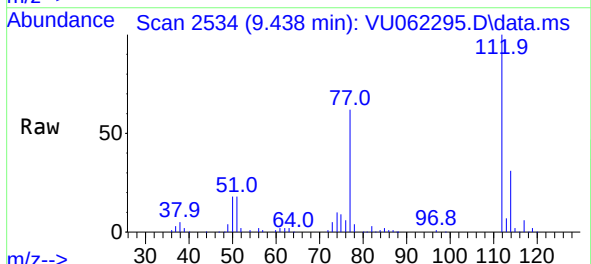
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

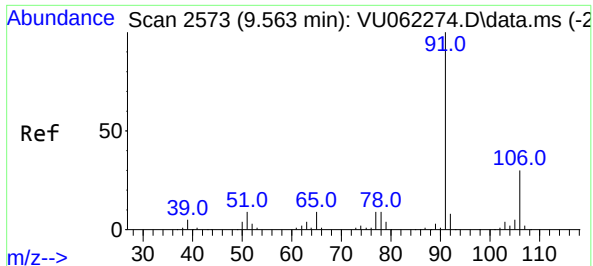
Tgt Ion:107 Resp: 27269
Ion Ratio Lower Upper
107 100
109 94.3 66.8 124.2
188 4.0 2.3 3.5#



#51
Chlorobenzene
Concen: 5.145 ug/L
RT: 9.438 min Scan# 2534
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:112 Resp: 102547
Ion Ratio Lower Upper
112 100
114 31.2 23.0 42.6
77 62.3 50.5 75.7

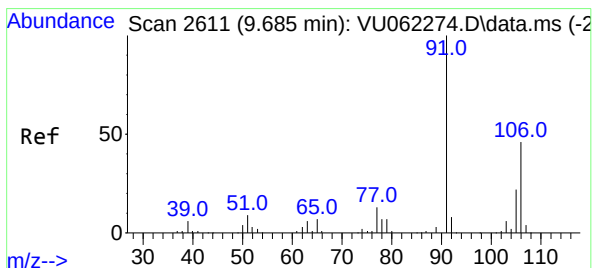
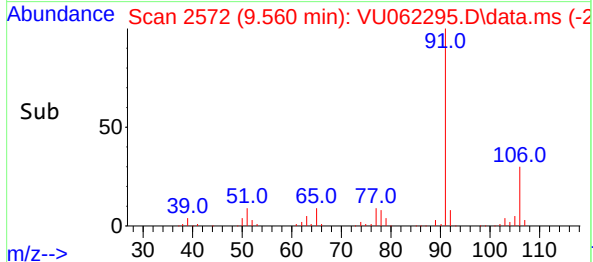
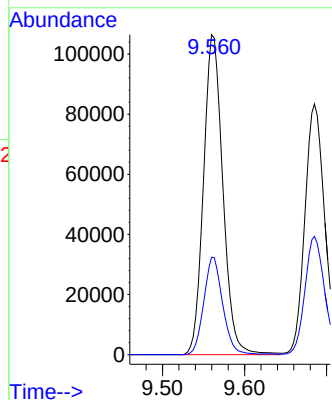
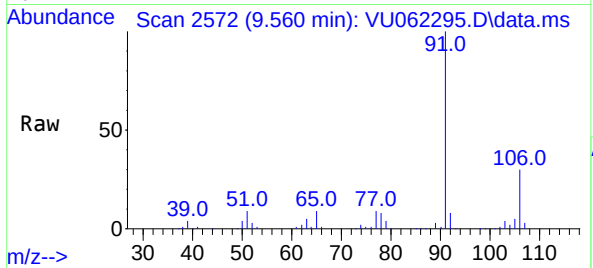




#52
Ethylbenzene
Concen: 4.996 ug/L
RT: 9.560 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

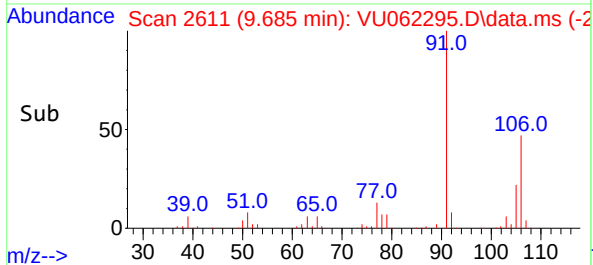
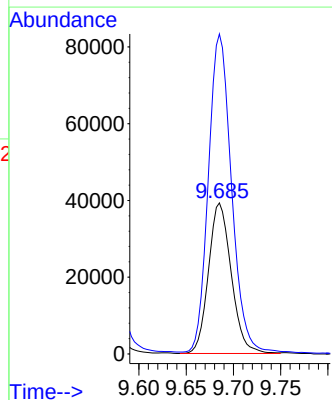
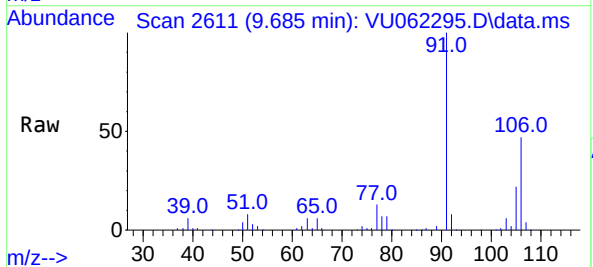
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

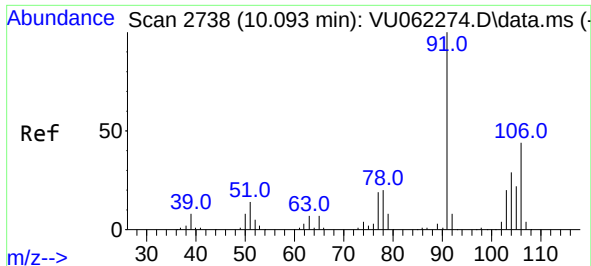
Tgt Ion: 91 Resp: 174249
Ion Ratio Lower Upper
91 100
106 30.5 21.6 40.0



#53
m,p-Xylene
Concen: 5.101 ug/L
RT: 9.685 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:106 Resp: 65686
Ion Ratio Lower Upper
106 100
91 211.9 147.6 274.0

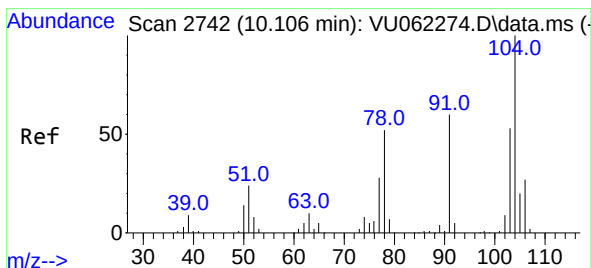
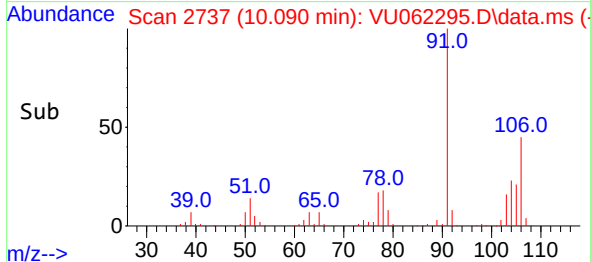
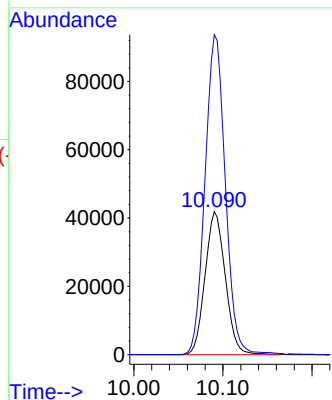
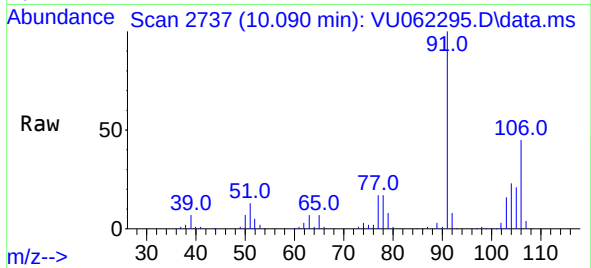




#54
o-Xylene
Concen: 5.270 ug/L
RT: 10.090 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

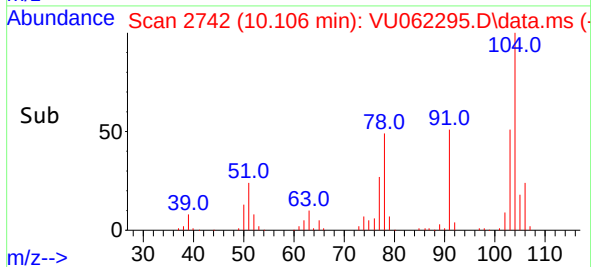
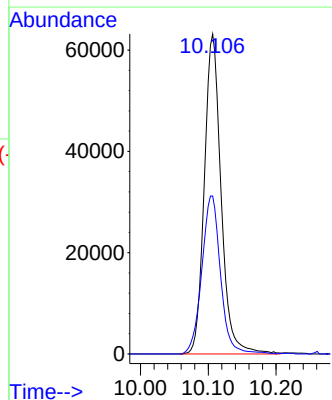
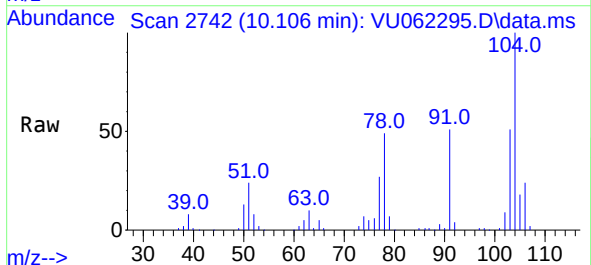
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

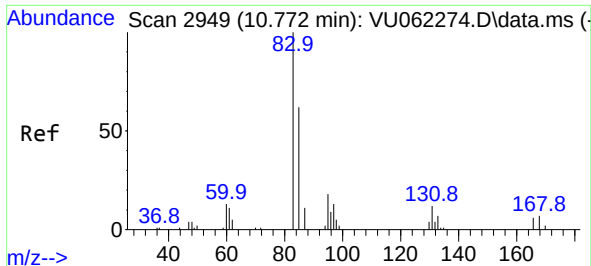
Tgt Ion:106 Resp: 66004
Ion Ratio Lower Upper
106 100
91 223.7 159.8 296.8



#55
Styrene
Concen: 5.259 ug/L
RT: 10.106 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:104 Resp: 108569
Ion Ratio Lower Upper
104 100
78 49.4 33.2 61.7

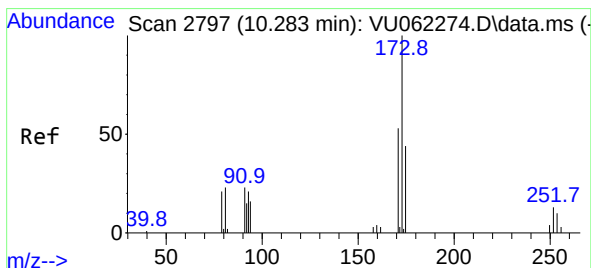
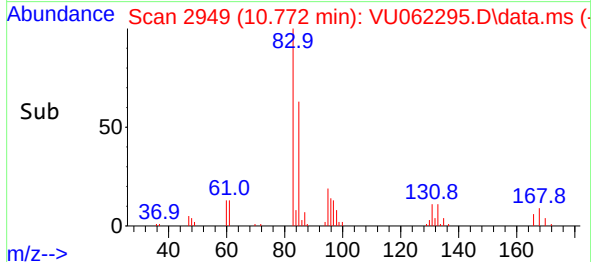
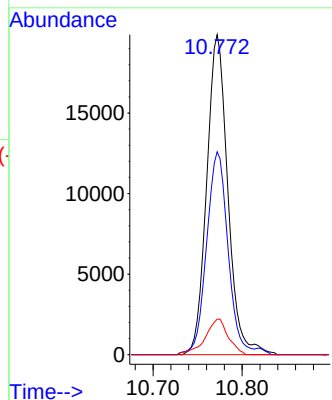
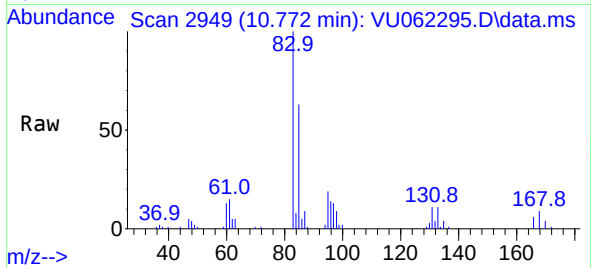




#57
1,1,2,2-Tetrachloroethane
Concen: 5.302 ug/L
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

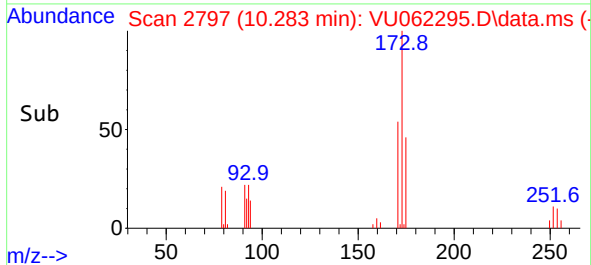
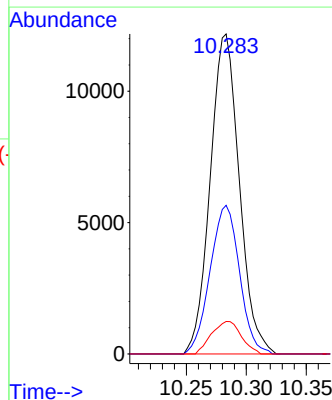
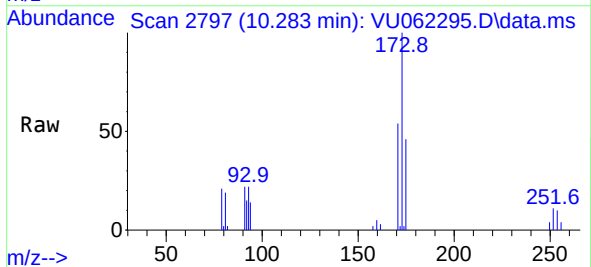
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

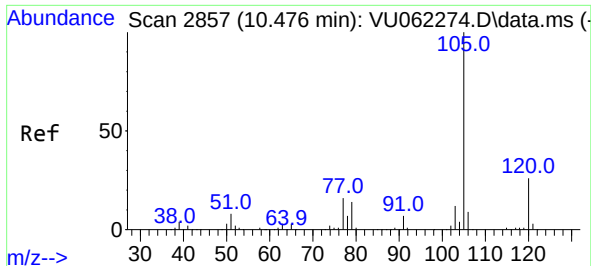
Tgt Ion: 83 Resp: 32729
Ion Ratio Lower Upper
83 100
85 63.4 44.4 82.4
131 11.1 7.3 10.9#



#59
Bromoform
Concen: 5.372 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:173 Resp: 20518
Ion Ratio Lower Upper
173 100
175 47.0 39.0 58.4
254 10.4 7.4 11.0

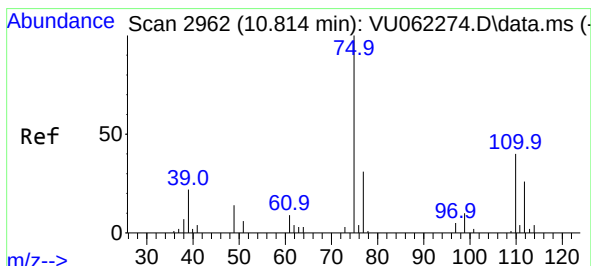
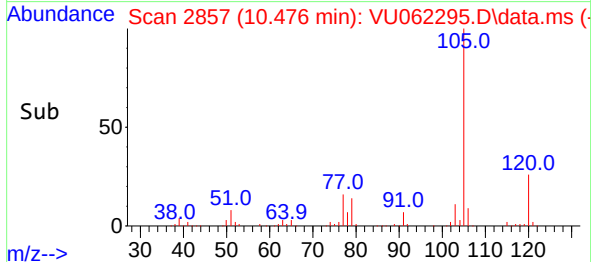
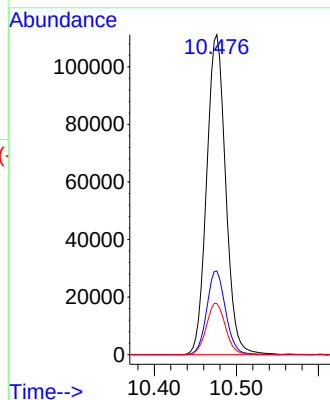
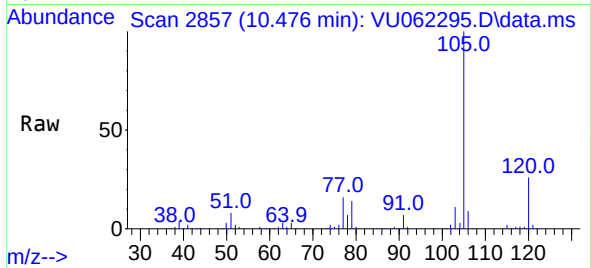




#60
Isopropylbenzene
Concen: 5.102 ug/L
RT: 10.476 min Scan# 2857
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

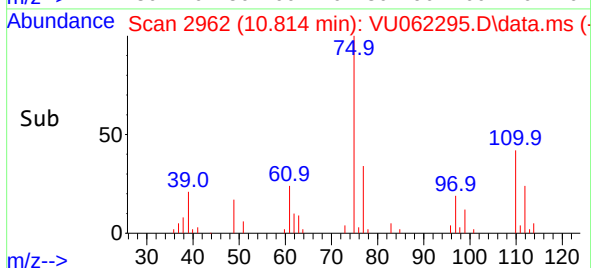
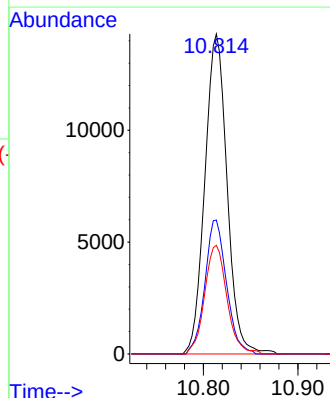
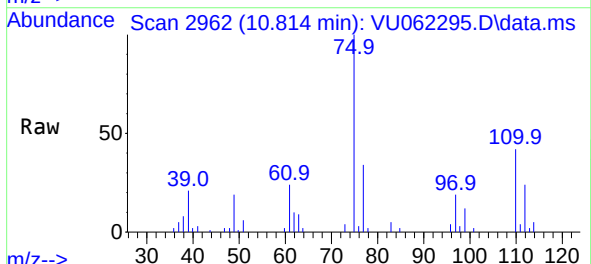
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

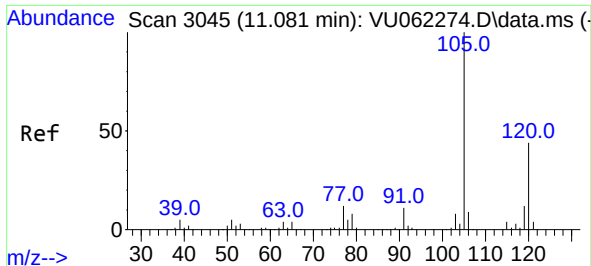
Tgt Ion:105 Resp: 179123
Ion Ratio Lower Upper
105 100
120 26.0 20.6 31.0
77 16.2 13.0 19.6



#61
1,2,3-Trichloropropane
Concen: 5.194 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion: 75 Resp: 23341
Ion Ratio Lower Upper
75 100
110 40.6 28.9 43.3
77 34.1 26.5 39.7

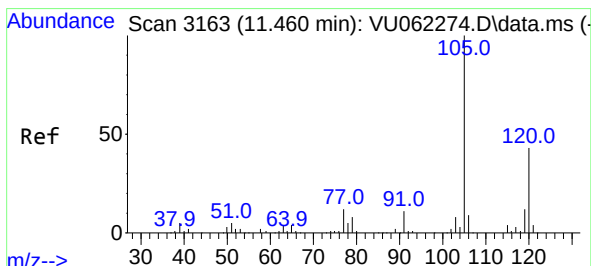
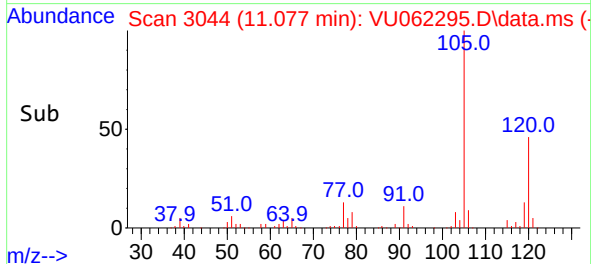
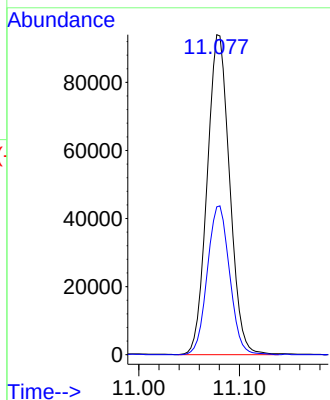
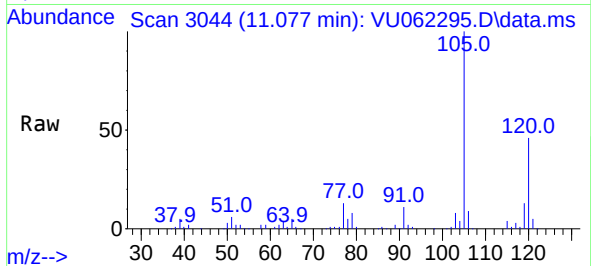




#62
1,3,5-Trimethylbenzene
Concen: 4.920 ug/L
RT: 11.077 min Scan# 3044
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

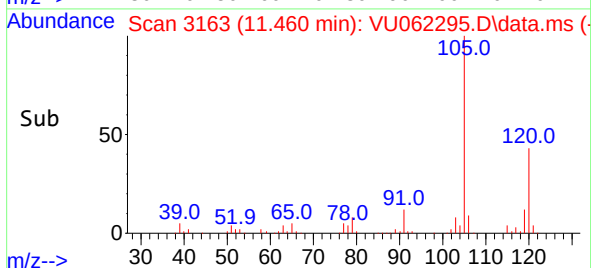
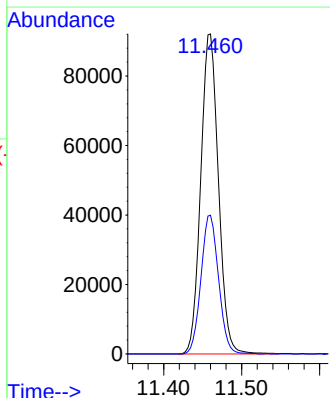
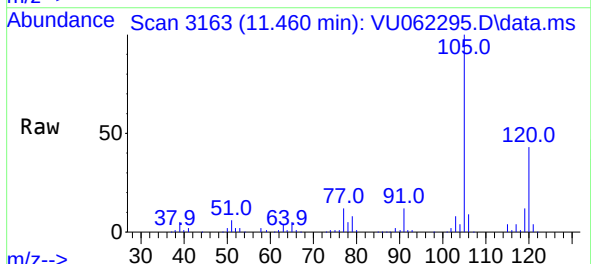
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

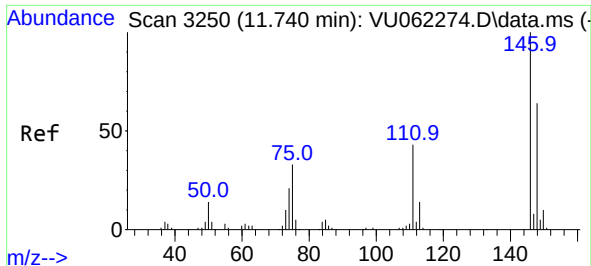
Tgt Ion:105 Resp: 146171
Ion Ratio Lower Upper
105 100
120 46.1 36.7 55.1



#63
1,2,4-Trimethylbenzene
Concen: 4.986 ug/L
RT: 11.460 min Scan# 3163
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:105 Resp: 145138
Ion Ratio Lower Upper
105 100
120 43.1 34.7 52.1

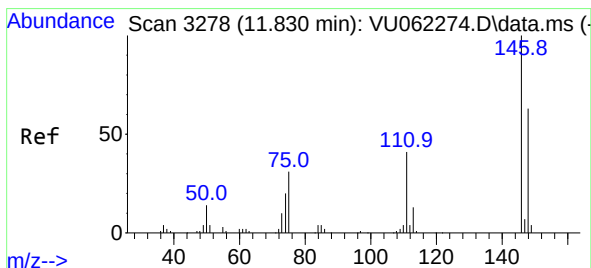
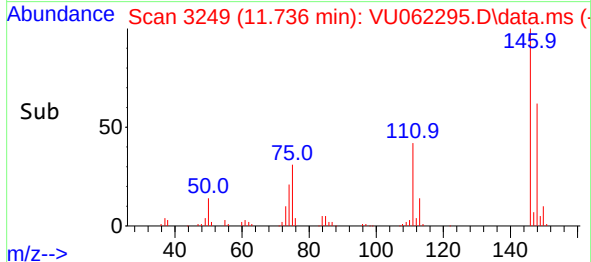
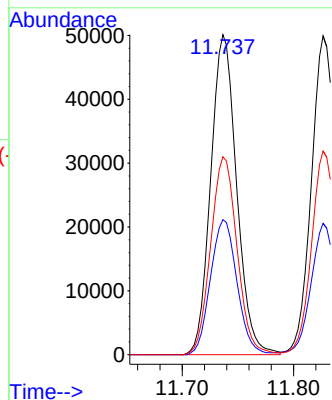
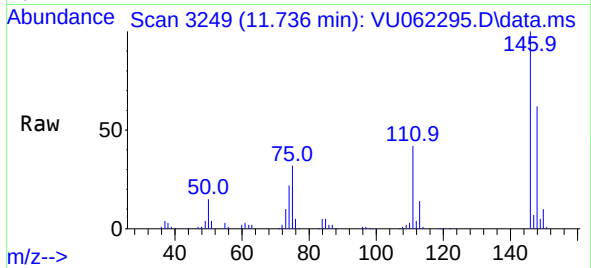




#64
1,3-Dichlorobenzene
Concen: 5.024 ug/L
RT: 11.736 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

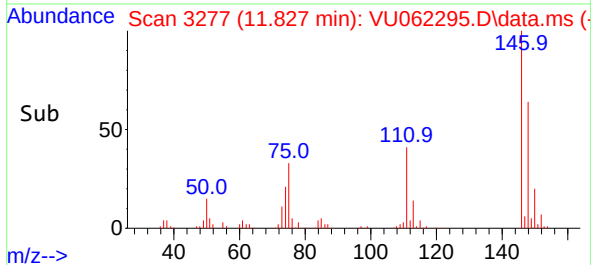
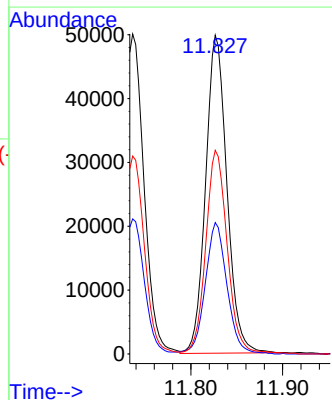
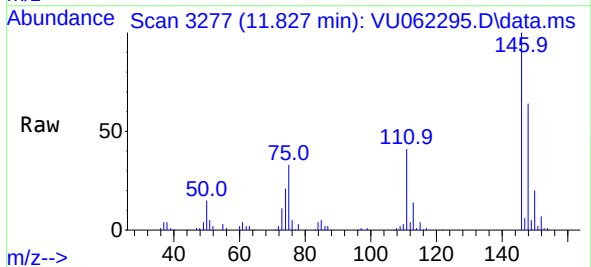
Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD

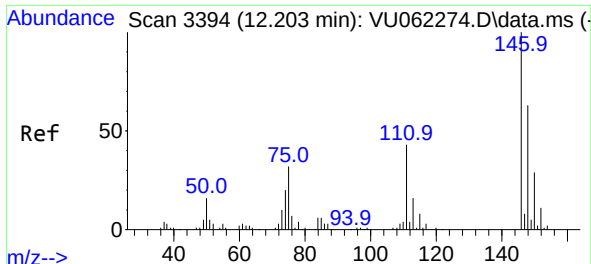
Tgt Ion:146 Resp: 81029
Ion Ratio Lower Upper
146 100
111 42.2 30.7 57.1
148 61.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 4.949 ug/L
RT: 11.827 min Scan# 3277
Delta R.T. -0.003 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:146 Resp: 80364
Ion Ratio Lower Upper
146 100
111 41.2 29.3 54.3
148 63.9 44.6 82.8





#67

1,2-Dichlorobenzene

Concen: 5.224 ug/L

RT: 12.203 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

Instrument :

MSVOA_U

ClientSampleId :

F7J35MSD

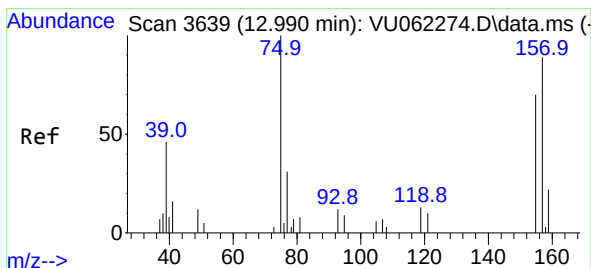
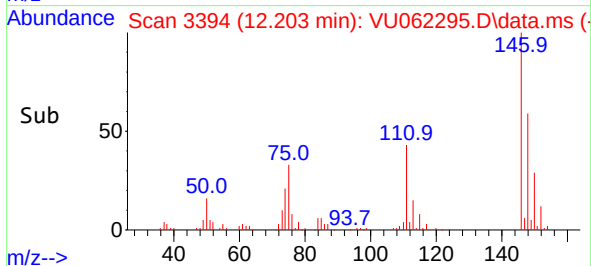
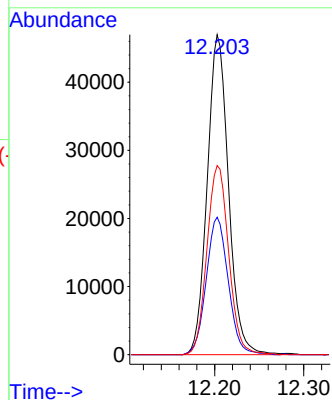
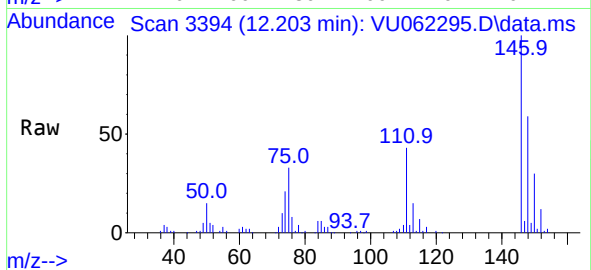
Tgt Ion:146 Resp: 77854

Ion Ratio Lower Upper

146 100

111 42.9 36.0 54.0

148 59.1 52.3 78.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.909 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

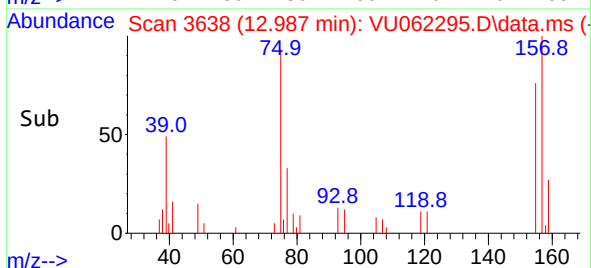
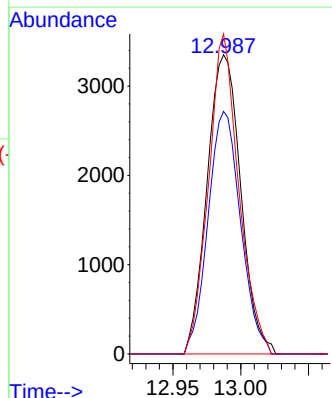
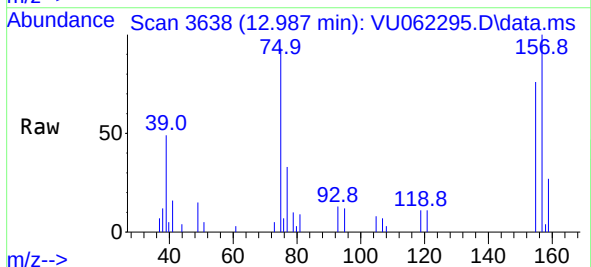
Tgt Ion: 75 Resp: 5792

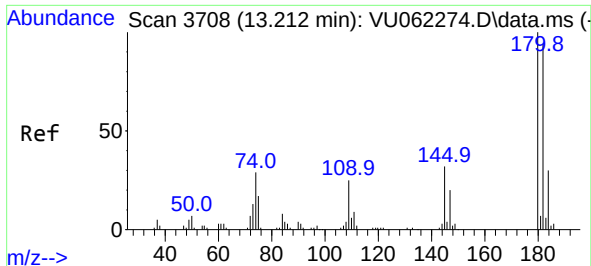
Ion Ratio Lower Upper

75 100

155 81.1 55.2 82.8

157 107.0 73.5 110.3





#69

1,3,5-Trichlorobenzene

Concen: 4.913 ug/L

RT: 13.209 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

Instrument :

MSVOA_U

ClientSampleId :

F7J35MSD

Tgt Ion:180 Resp: 58899

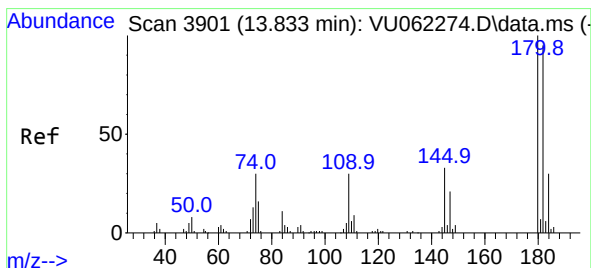
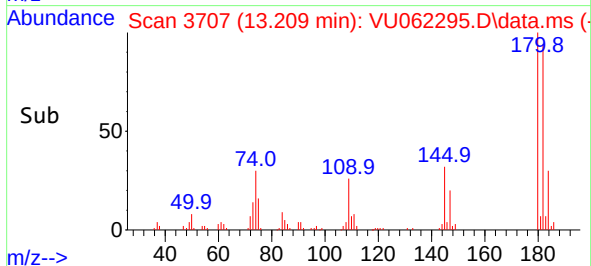
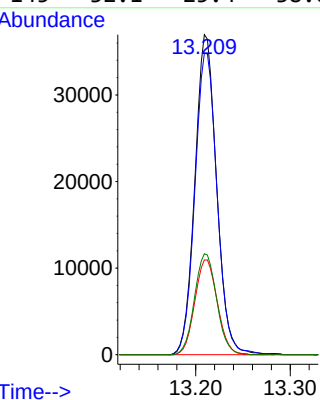
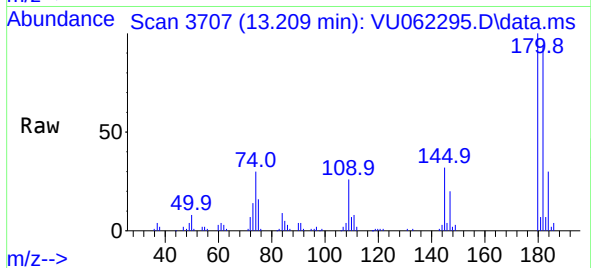
Ion Ratio Lower Upper

180 100

182 96.4 76.7 115.1

184 30.7 24.8 37.2

145 32.1 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 4.916 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. 0.000 min

Lab File: VU062295.D

Acq: 12 Dec 2024 18:08

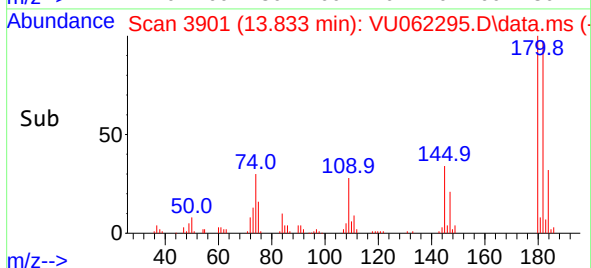
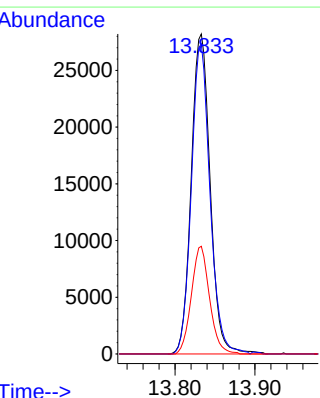
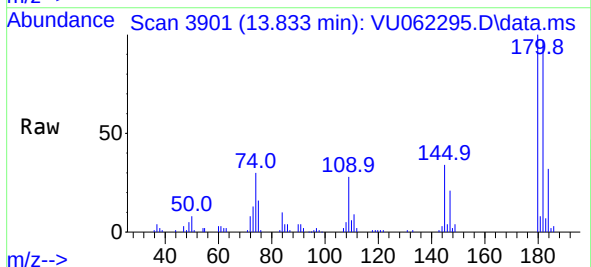
Tgt Ion:180 Resp: 46529

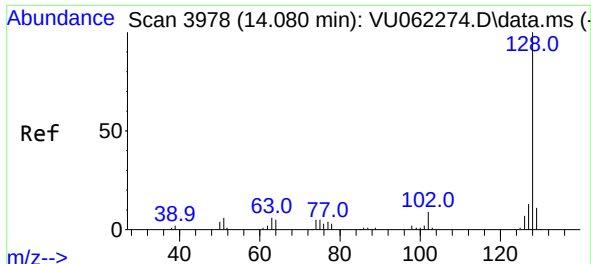
Ion Ratio Lower Upper

180 100

182 95.2 74.5 111.7

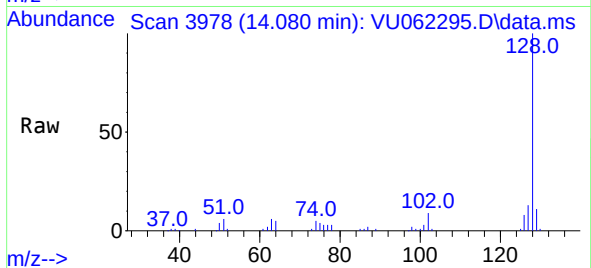
145 32.3 25.6 38.4





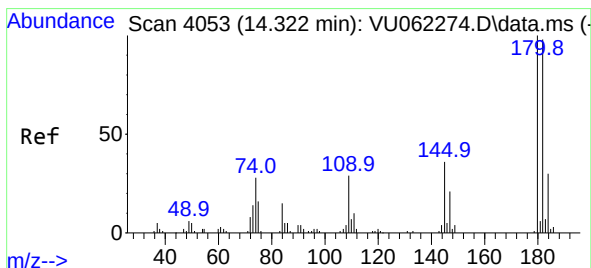
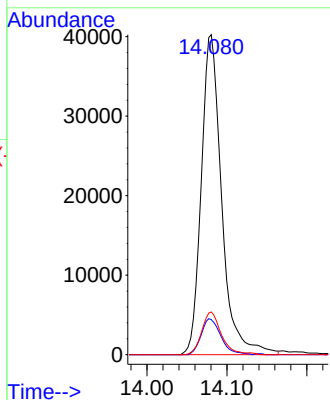
#71
Naphthalene
Concen: 5.036 ug/L
RT: 14.080 min Scan# 3978
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Instrument :
MSVOA_U
ClientSampleId :
F7J35MSD



Tgt Ion:128 Resp: 71581

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.5	12.7
127	12.9	10.2	15.4



#72
1,2,3-Trichlorobenzene
Concen: 4.865 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU062295.D
Acq: 12 Dec 2024 18:08

Tgt Ion:180 Resp: 40609

Ion	Ratio	Lower	Upper
180	100		
182	97.4	76.1	114.1
145	35.1	27.4	41.0

