

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073124\
 Data File : VU060277.D
 Acq On : 31 Jul 2024 12:25
 Operator : MD/SY
 Sample : P3391-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 01 01:10:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	231757	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	234550	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	94137	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	89261	59.986	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	119.980%
7) Chloroethane-d5	1.901	69	69205	55.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.580%
11) 1,1-Dichloroethene-d2	2.557	63	105252	39.814	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.620%
21) 2-Butanone-d5	4.612	46	111923	108.230	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.230%
24) Chloroform-d	5.052	84	138500	48.063	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	5.692	65	84871	49.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
32) Benzene-d6	5.718	84	282799	47.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.180%
36) 1,2-Dichloropropane-d6	6.682	67	96251	51.779	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.560%
41) Toluene-d8	7.891	98	239920	42.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.020%
43) trans-1,3-Dichloroprop...	8.174	79	39103	44.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.900%
47) 2-Hexanone-d5	8.624	63	64588	82.445	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	139014	48.723	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.440%
66) 1,2-Dichlorobenzene-d4	12.187	152	81430	47.073	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	3254	2.261	ug/L	91
3) Chloromethane	1.518	50	4572	3.237	ug/L	89
5) Vinyl chloride	1.602	62	4904	2.958	ug/L #	79
6) Bromomethane	1.840	94	2758	3.167	ug/L	96
8) Chloroethane	1.924	64	2767	2.563	ug/L	89
9) Trichlorofluoromethane	2.133	101	5829	2.525	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	4489	3.055	ug/L #	83
12) 1,1-Dichloroethene	2.570	96	3810	2.773	ug/L #	1
13) Acetone	2.621	43	5469	5.136	ug/L	88
14) Carbon disulfide	2.785	76	7857	2.265	ug/L	99
15) Methyl Acetate	2.949	43	4864	3.030	ug/L #	86
16) Methylene chloride	3.039	84	6157	3.553	ug/L	96
17) trans-1,2-Dichloroethene	3.348	96	3289	2.325	ug/L	90
18) Methyl tert-butyl Ether	3.354	73	10771	2.344	ug/L	97
19) 1,1-Dichloroethane	3.856	63	7429	2.769	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	3939	2.299	ug/L	97
22) 2-Butanone	4.711	43	1790	1.366	ug/L #	42
23) Bromochloromethane	4.972	128	2233	2.471	ug/L #	92
25) Chloroform	5.075	83	8658	2.999	ug/L	97

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 QLast Update : Thu Aug 01 00:19:02 2024
 Response via : Initial Calibration

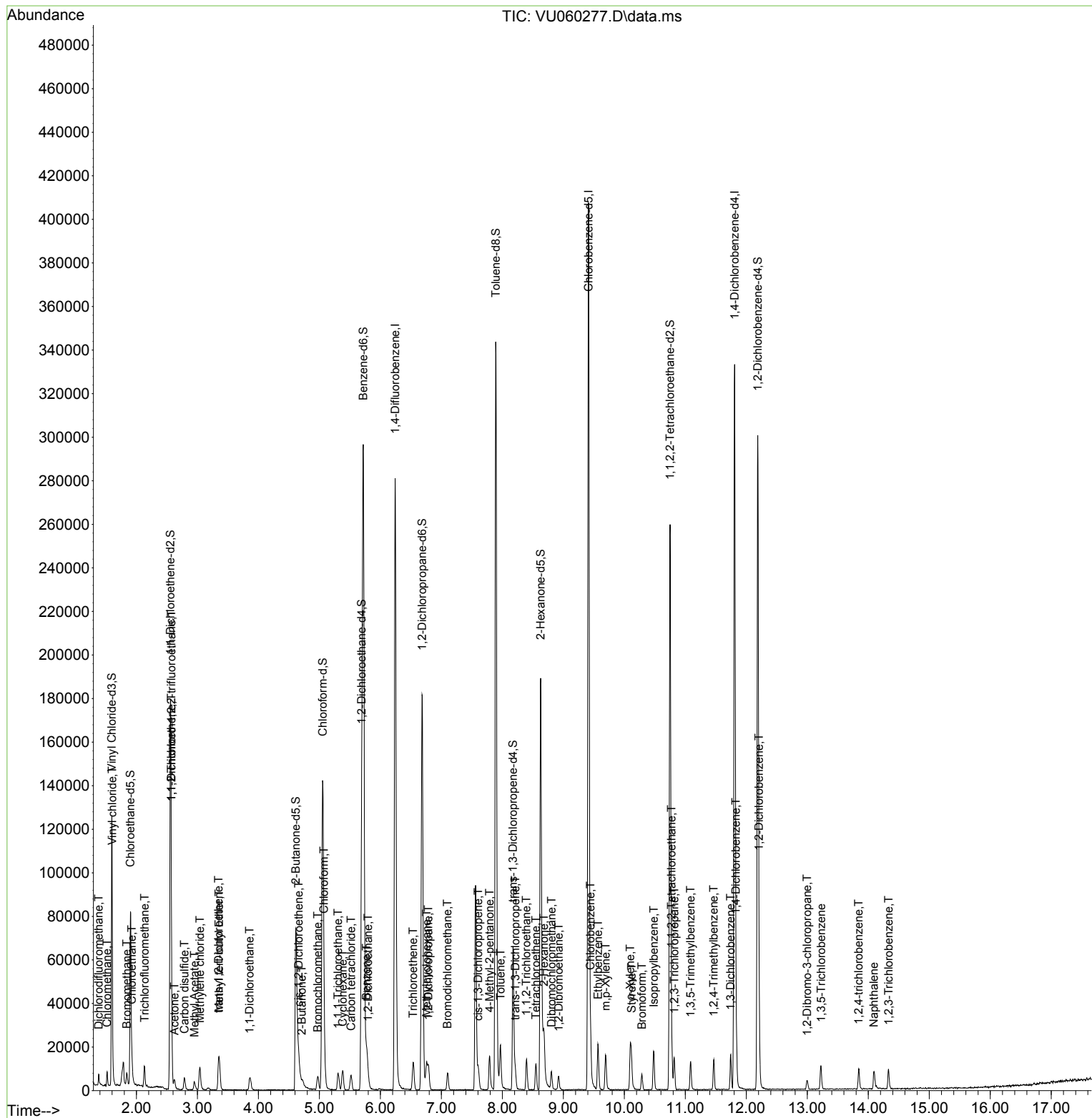
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	6034	2.753	ug/L	97
29) Cyclohexane	5.383	56	4070	1.938	ug/L #	87
30) 1,1,1-Trichloroethane	5.306	97	5853	2.409	ug/L #	88
31) Carbon tetrachloride	5.518	117	4988	2.485	ug/L	95
33) Benzene	5.769	78	16185	2.555	ug/L	100
34) Trichloroethene	6.538	95	4217	2.495	ug/L	86
35) Methylcyclohexane	6.756	83	4806	2.059	ug/L #	82
37) 1,2-Dichloropropane	6.785	63	5083	2.916	ug/L #	96
38) Bromodichloromethane	7.100	83	5801	2.626	ug/L	95
39) cis-1,3-Dichloropropene	7.602	75	6012	2.254	ug/L	91
40) 4-Methyl-2-pentanone	7.791	43	11106	5.040	ug/L #	95
42) Toluene	7.968	91	15872	2.295	ug/L	95
44) trans-1,3-Dichloropropene	8.209	75	7908	3.228	ug/L	92
45) 1,1,2-Trichloroethane	8.393	97	4715	2.582	ug/L	94
46) Tetrachloroethene	8.550	164	3041	2.187	ug/L	98
48) 2-Hexanone	8.682	43	14844	8.049	ug/L #	92
49) Dibromochloromethane	8.804	129	4502	2.503	ug/L	96
50) 1,2-Dibromoethane	8.923	107	4691	2.457	ug/L #	89
51) Chlorobenzene	9.444	112	11318	2.466	ug/L	98
52) Ethylbenzene	9.566	91	15218	2.061	ug/L	99
53) m,p-Xylene	9.692	106	4947	1.721	ug/L	91
54) o-Xylene	10.097	106	5069	1.833	ug/L	99
55) Styrene	10.119	104	8523	1.827	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.772	83	8763	2.846	ug/L #	93
59) Bromoform	10.287	173	3642	3.200	ug/L #	88
60) 1,2,3-Trichloropropane	10.817	75	6463	3.618	ug/L	98
61) Isopropylbenzene	10.483	105	12524	2.282	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	7932	1.975	ug/L	94
63) 1,2,4-Trimethylbenzene	11.463	105	7982	1.855	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	7002	2.460	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	7136	2.426	ug/L	87
67) 1,2-Dichlorobenzene	12.206	146	7658	2.664	ug/L #	82
68) 1,2-Dibromo-3-chloropr...	12.997	75	1581	3.236	ug/L	88
69) 1,3,5-Trichlorobenzene	13.225	180	4618	2.251	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	3643	1.970	ug/L #	93
71) Naphthalene	14.090	128	10524	1.969	ug/L #	85
72) 1,2,3-Trichlorobenzene	14.331	180	3581	1.930	ug/L	94

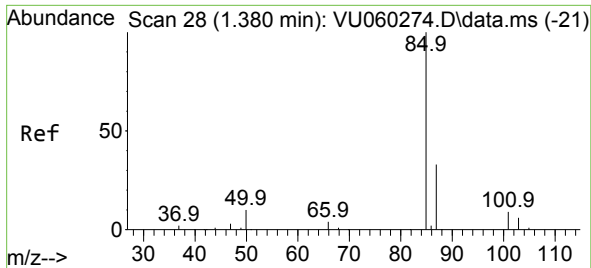
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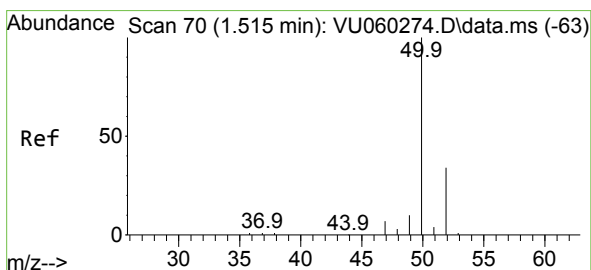
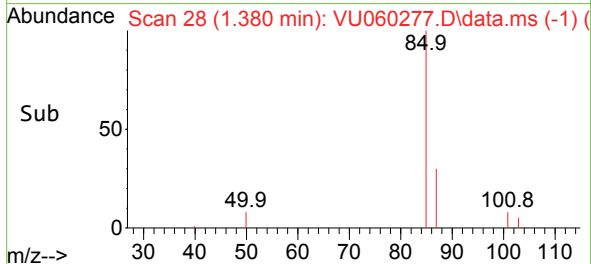
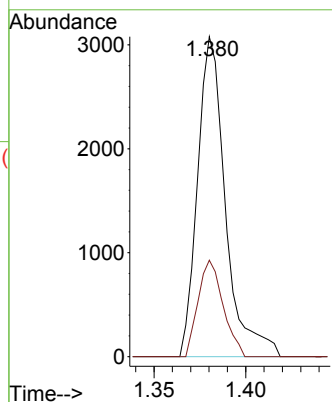
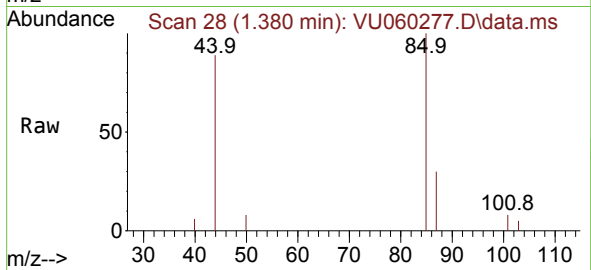




#2
Dichlorodifluoromethane
Concen: 2.261 ug/L
RT: 1.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

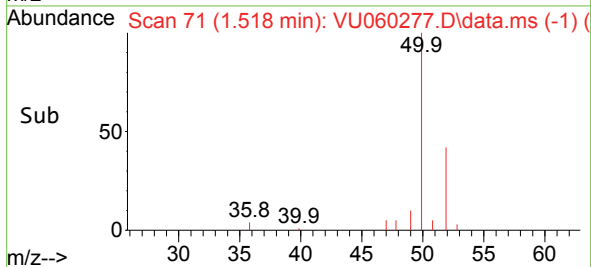
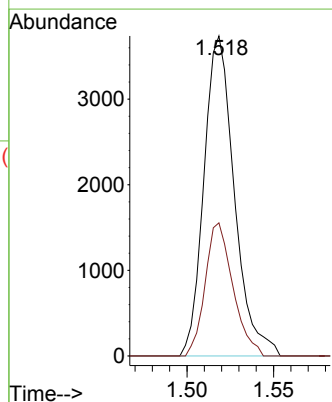
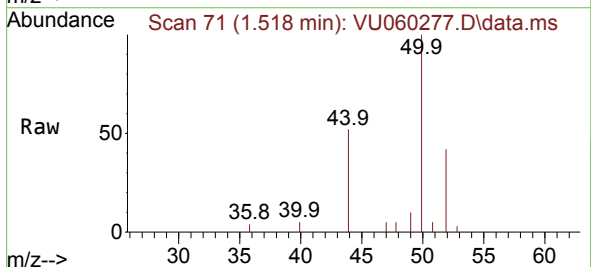
Instrument :
MSVOA_U
ClientSampleId :

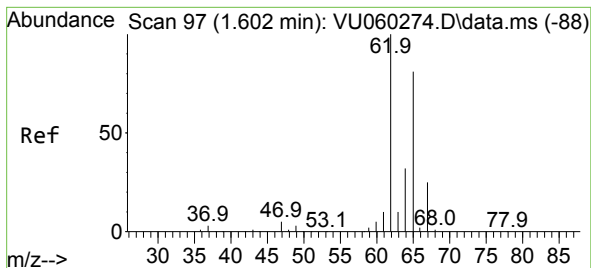
Tgt Ion: 85 Resp: 3254
Ion Ratio Lower Upper
85 100
87 27.0 25.4 38.2



#3
Chloromethane
Concen: 3.237 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 50 Resp: 4572
Ion Ratio Lower Upper
50 100
52 41.6 24.5 45.5





#5

Vinyl chloride

Concen: 2.958 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

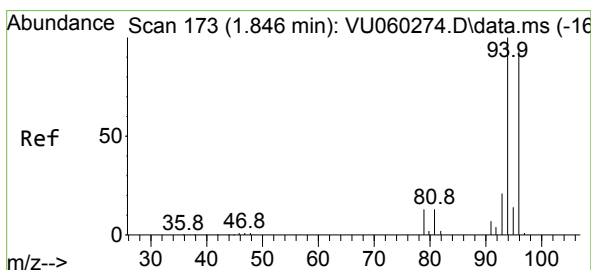
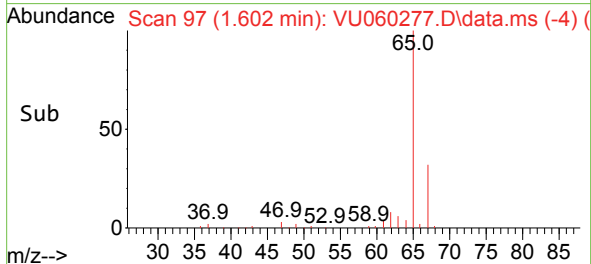
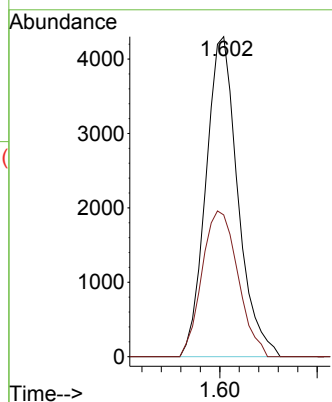
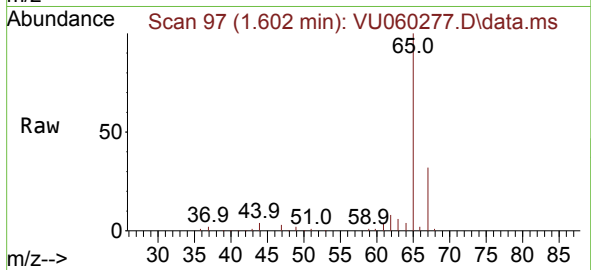
ClientSampleId :

Tgt Ion: 62 Resp: 4904

Ion Ratio Lower Upper

62 100

64 44.3 22.9 42.5#



#6

Bromomethane

Concen: 3.167 ug/L

RT: 1.840 min Scan# 171

Delta R.T. -0.006 min

Lab File: VU060277.D

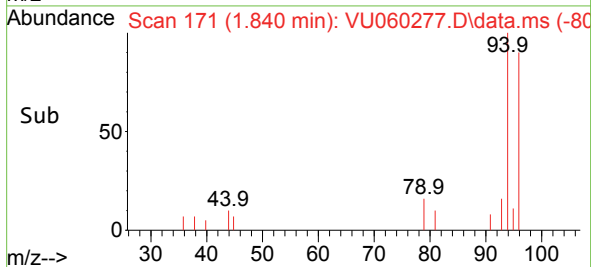
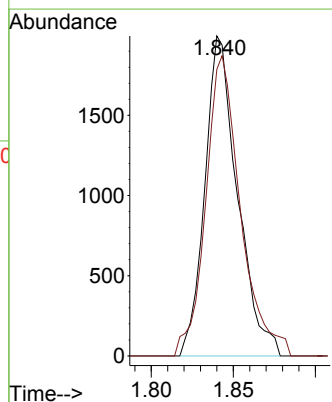
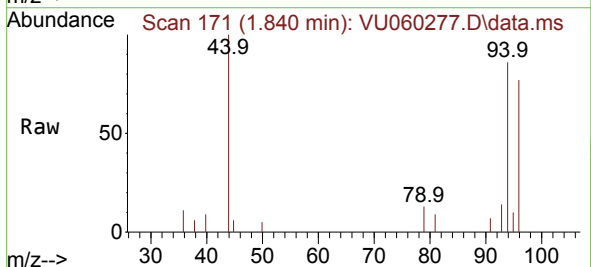
Acq: 31 Jul 2024 12:25

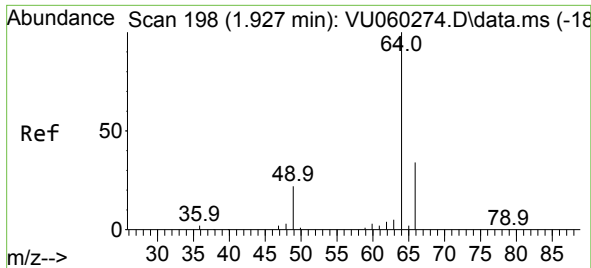
Tgt Ion: 94 Resp: 2758

Ion Ratio Lower Upper

94 100

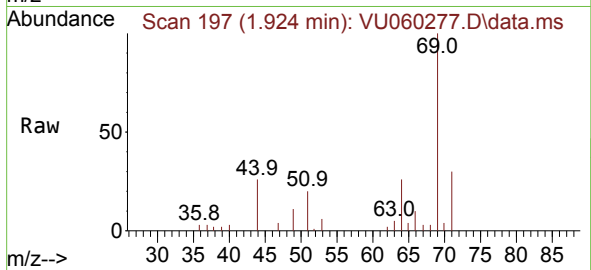
96 89.6 65.2 121.2



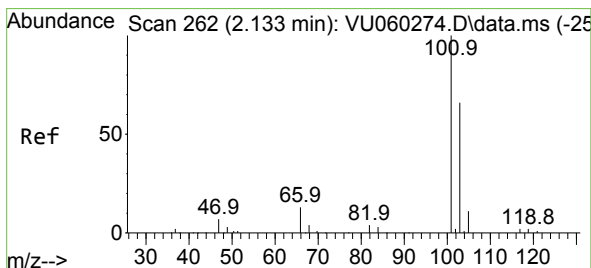
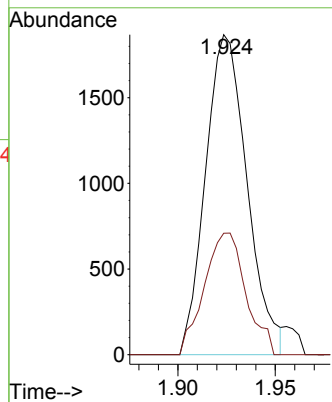
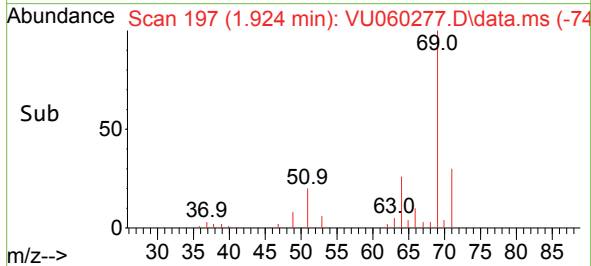


#8
Chloroethane
Concen: 2.563 ug/L
RT: 1.924 min Scan# 198
Delta R.T. -0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Instrument :
MSVOA_U
ClientSampleId :

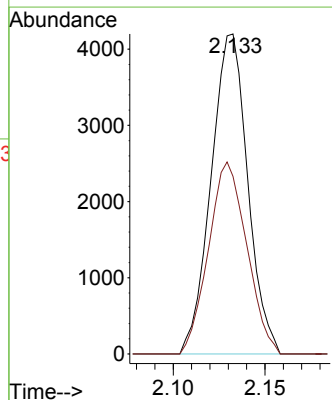
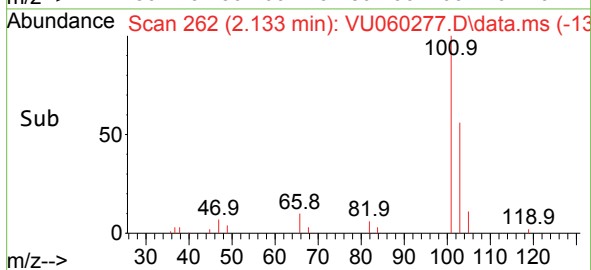
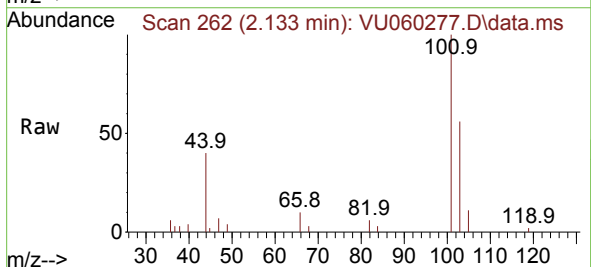


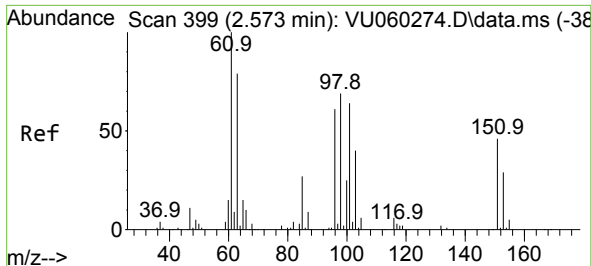
Tgt Ion: 64 Resp: 2767
Ion Ratio Lower Upper
64 100
66 38.0 22.3 41.3



#9
Trichlorofluoromethane
Concen: 2.525 ug/L
RT: 2.133 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 101 Resp: 5829
Ion Ratio Lower Upper
101 100
103 62.6 52.3 78.5

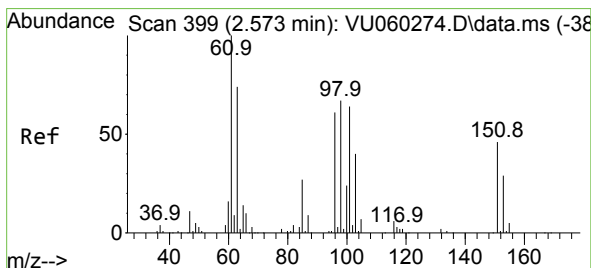
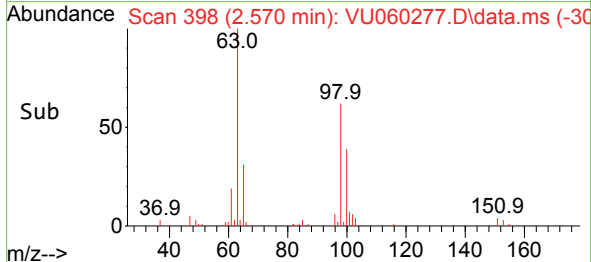
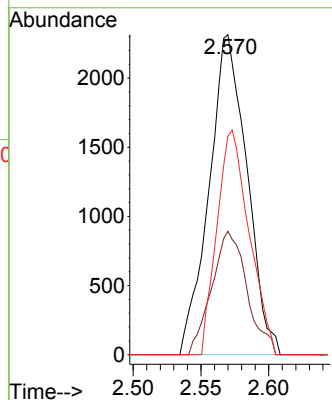
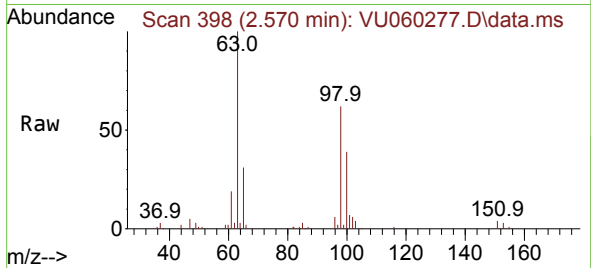




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.055 ug/L
RT: 2.570 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

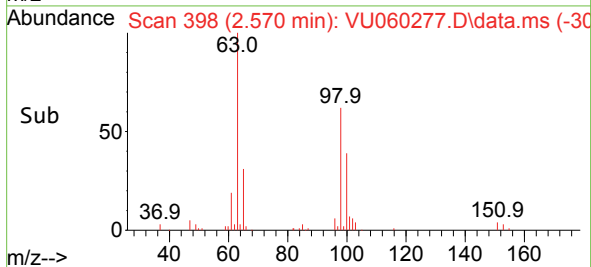
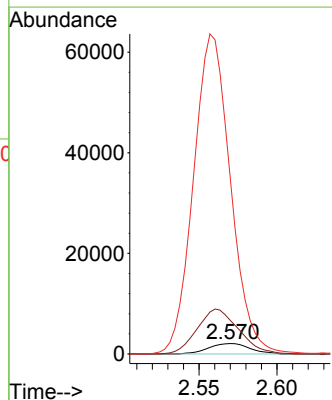
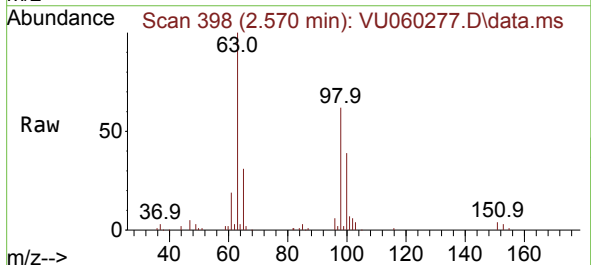
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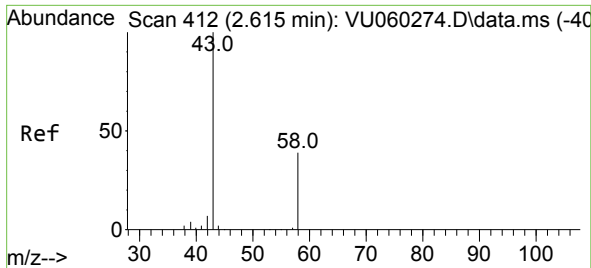
Tgt Ion:101 Resp: 4489
Ion Ratio Lower Upper
101 100
85 36.0 34.8 52.2
151 59.9 62.3 93.5#



#12
1,1-Dichloroethene
Concen: 2.773 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 96 Resp: 3810
Ion Ratio Lower Upper
96 100
61 327.2 112.2 208.4#
63 1715.6 87.4 162.2#





#13

Acetone

Concen: 5.136 ug/L

RT: 2.621 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

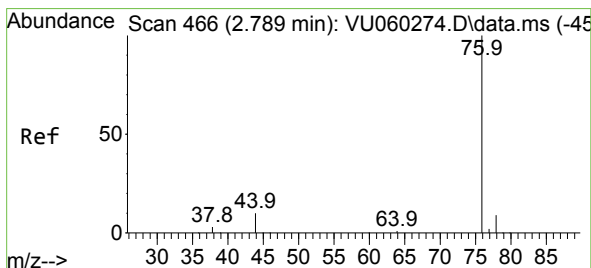
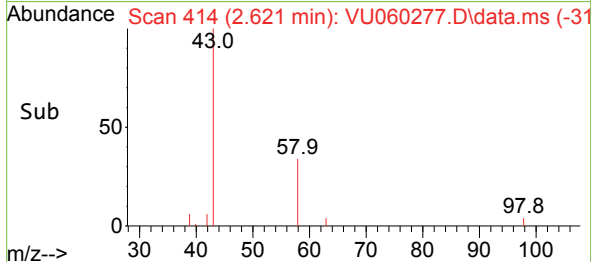
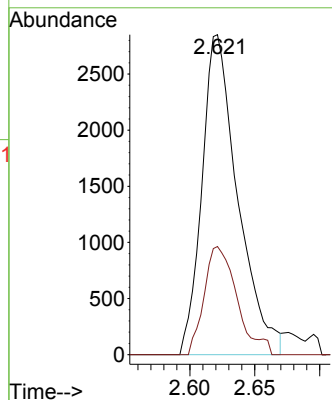
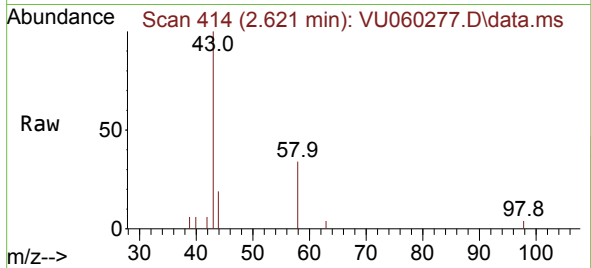
ClientSampleId :

Tgt Ion: 43 Resp: 5469

Ion Ratio Lower Upper

43 100

58 30.0 0.0 73.8



#14

Carbon disulfide

Concen: 2.265 ug/L

RT: 2.785 min Scan# 465

Delta R.T. -0.003 min

Lab File: VU060277.D

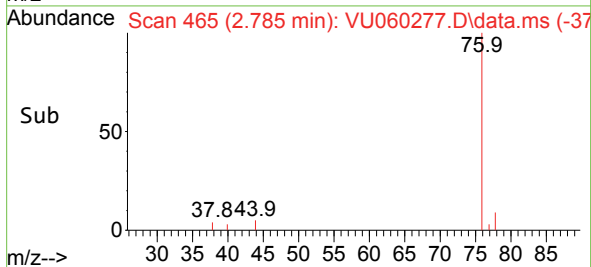
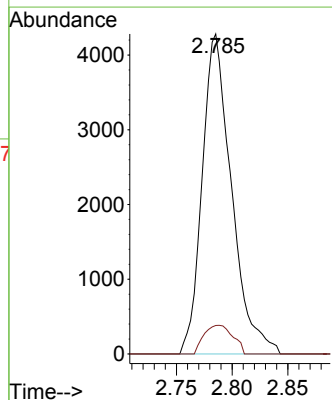
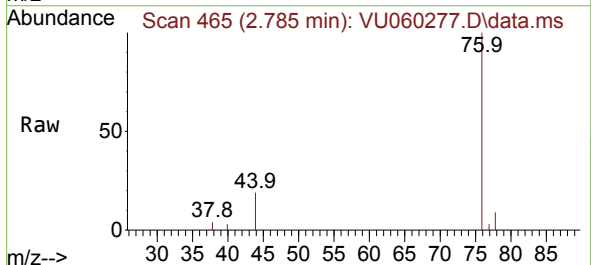
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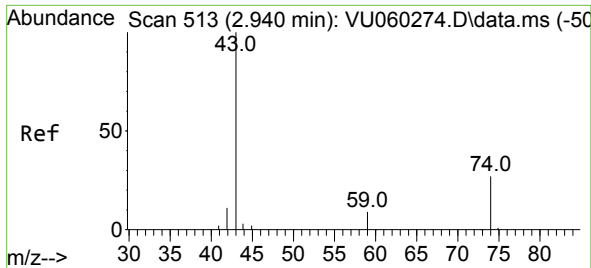
Tgt Ion: 76 Resp: 7857

Ion Ratio Lower Upper

76 100

78 8.9 7.0 10.4

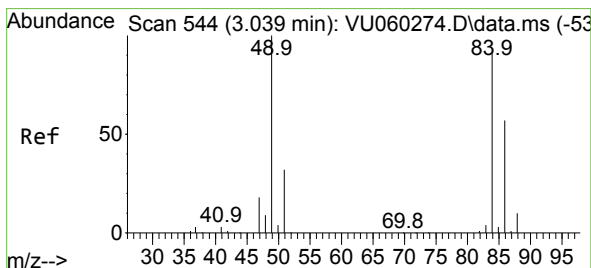
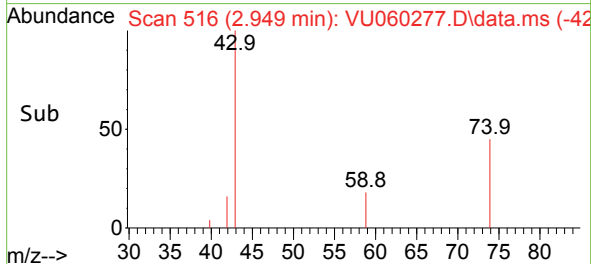
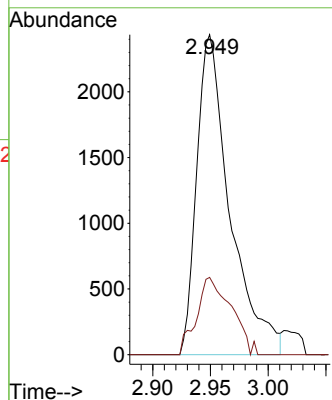
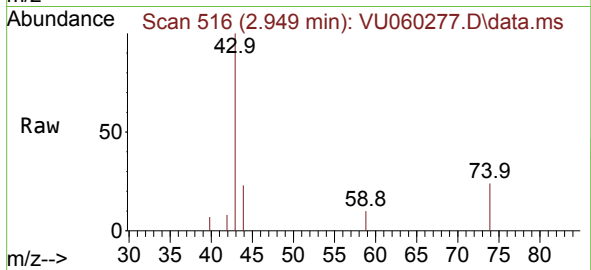




#15
Methyl Acetate
Concen: 3.030 ug/L
RT: 2.949 min Scan# 513
Delta R.T. 0.010 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

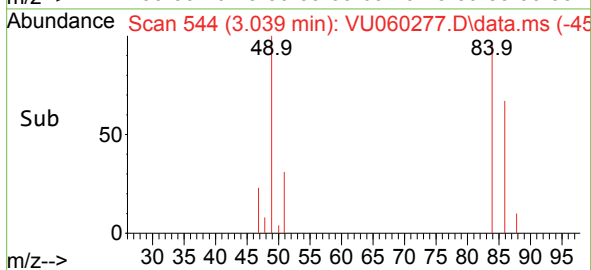
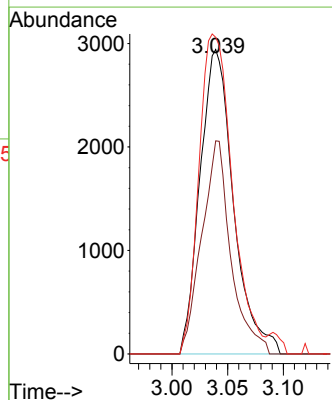
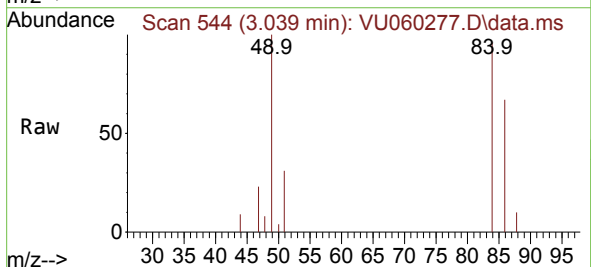
Instrument :
MSVOA_U
ClientSampleId :

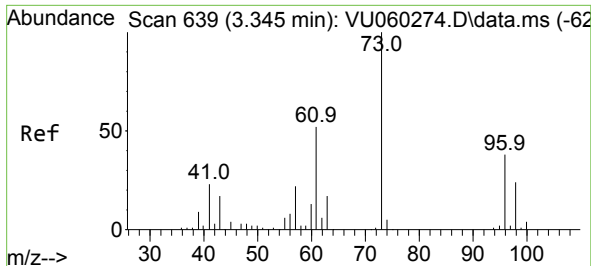
Tgt Ion: 43 Resp: 4864
Ion Ratio Lower Upper
43 100
74 22.7 24.1 36.1#



#16
Methylene chloride
Concen: 3.553 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 84 Resp: 6157
Ion Ratio Lower Upper
84 100
86 70.0 44.7 83.1
49 104.0 71.6 133.0

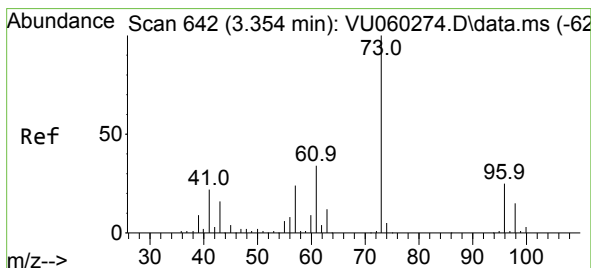
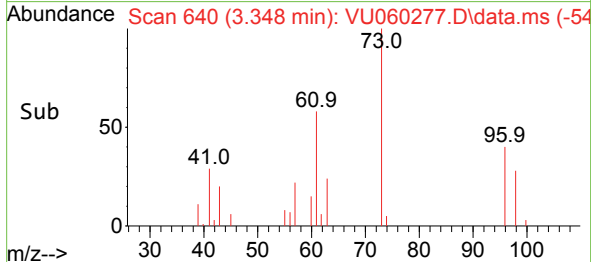
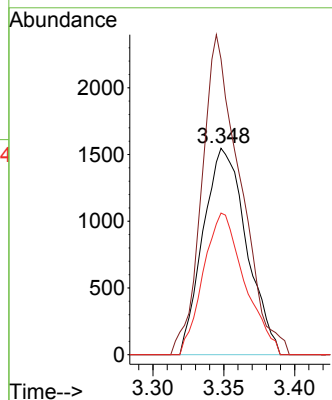
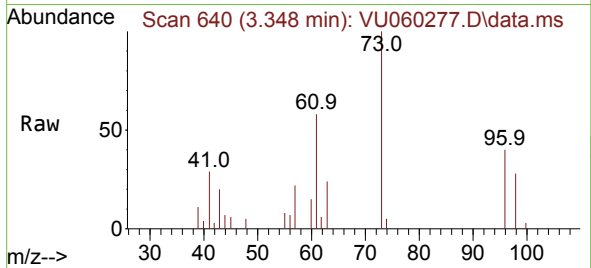




#17
trans-1,2-Dichloroethene
Concen: 2.325 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

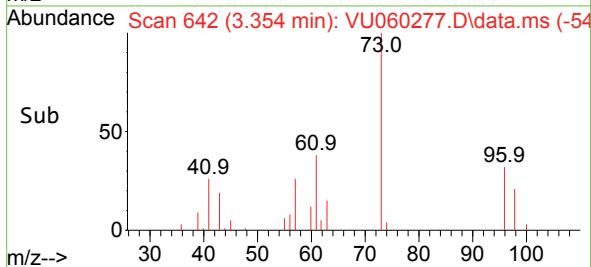
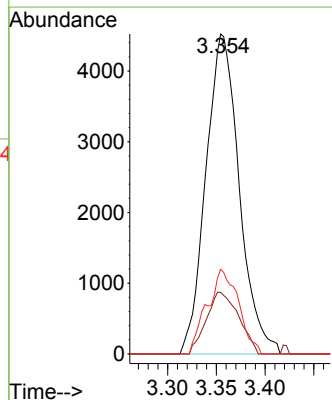
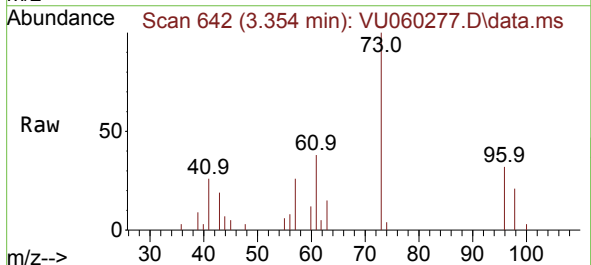
Instrument :
MSVOA_U
ClientSampleId :

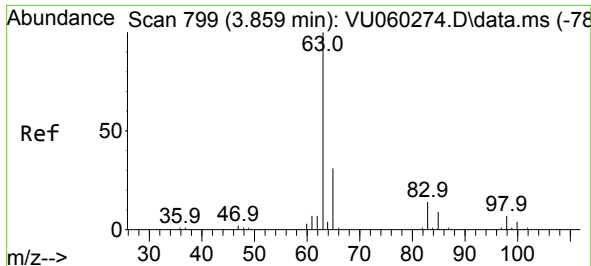
Tgt Ion: 96 Resp: 3289
Ion Ratio Lower Upper
96 100
61 143.2 90.6 168.3
98 68.6 44.9 83.3



#18
Methyl tert-butyl Ether
Concen: 2.344 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

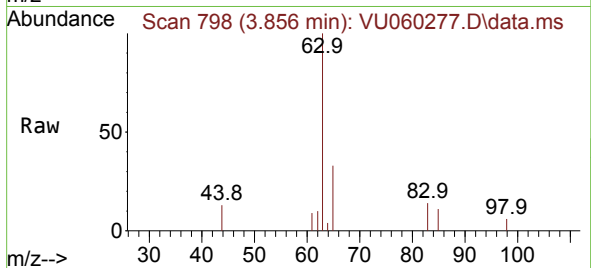
Tgt Ion: 73 Resp: 10771
Ion Ratio Lower Upper
73 100
43 18.7 14.1 21.1
57 19.7 17.1 25.7



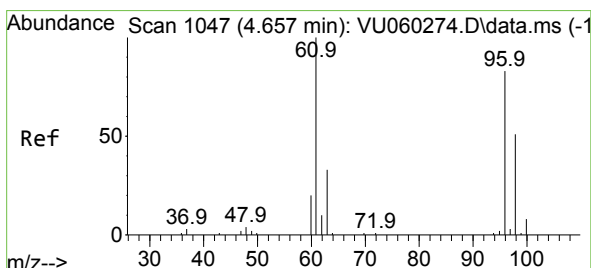
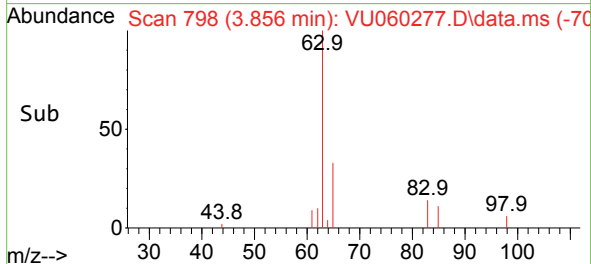
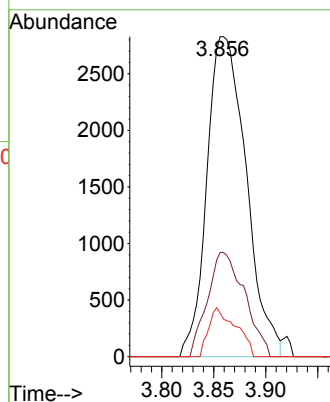


#19
1,1-Dichloroethane
Concen: 2.769 ug/L
RT: 3.856 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Instrument :
MSVOA_U
ClientSampleId :

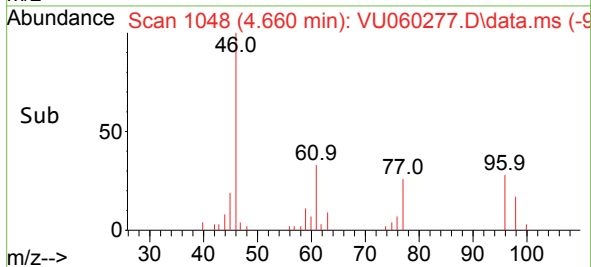
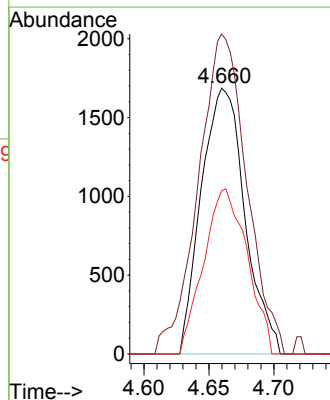
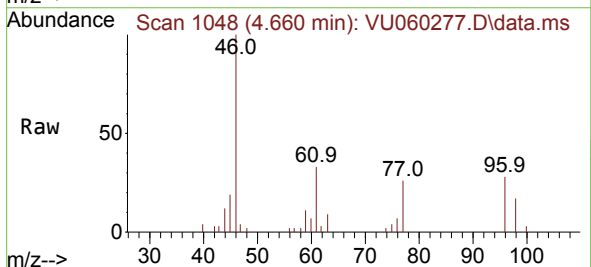


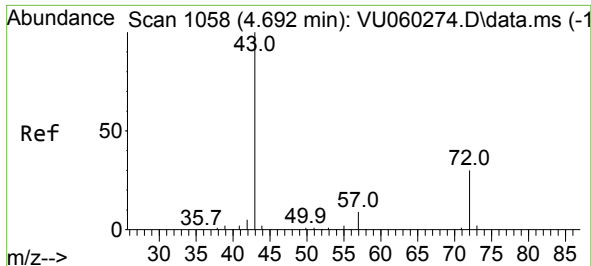
Tgt Ion: 63 Resp: 7429
Ion Ratio Lower Upper
63 100
65 32.6 23.3 43.3
83 13.6 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 2.299 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 96 Resp: 3939
Ion Ratio Lower Upper
96 100
61 120.4 83.2 154.4
98 61.4 45.9 85.3

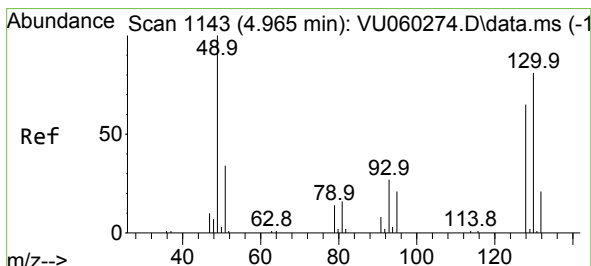
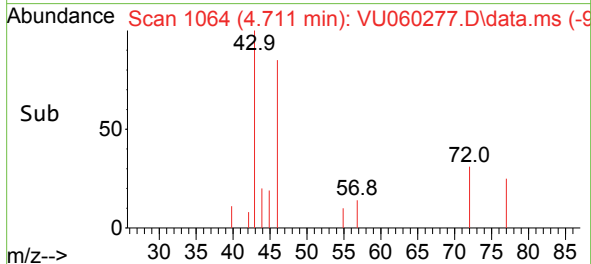
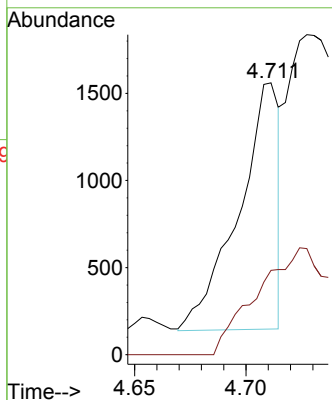
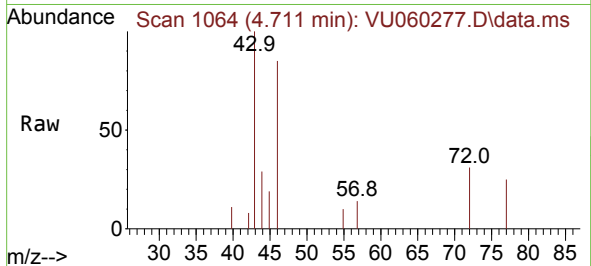




#22
2-Butanone
Concen: 1.366 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.019 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

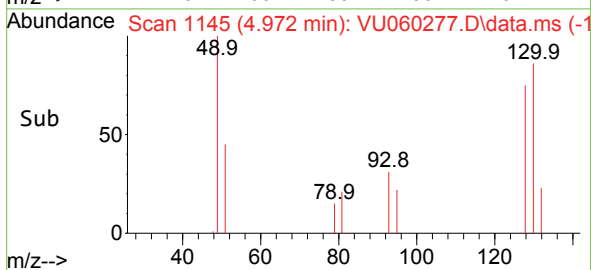
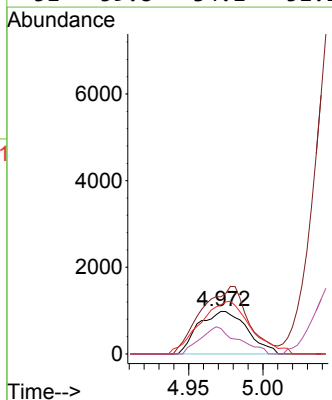
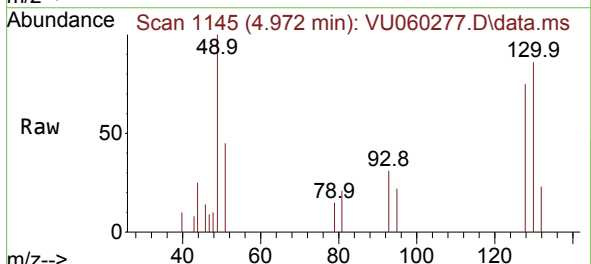
Instrument :
MSVOA_U
ClientSampleId :

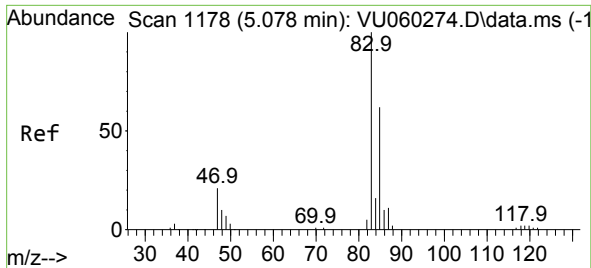
Tgt Ion: 43 Resp: 1790
Ion Ratio Lower Upper
43 100
72 0.0 16.4 49.2#



#23
Bromochloromethane
Concen: 2.471 ug/L
RT: 4.972 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 128 Resp: 2233
Ion Ratio Lower Upper
128 100
49 134.0 96.7 179.7
130 114.8 86.3 160.3
51 59.8 34.1 51.1#

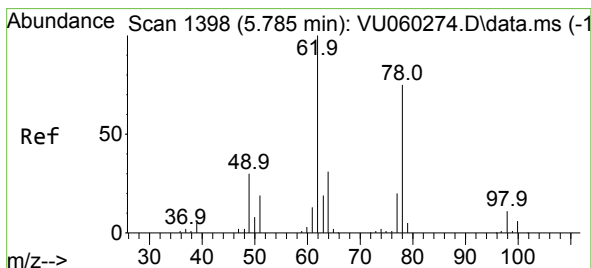
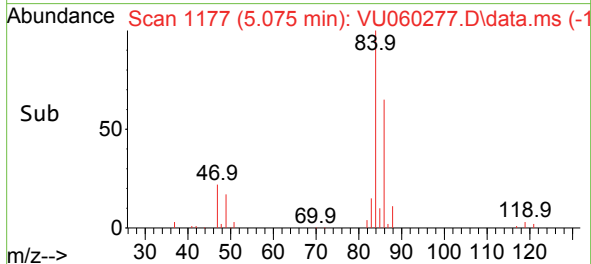
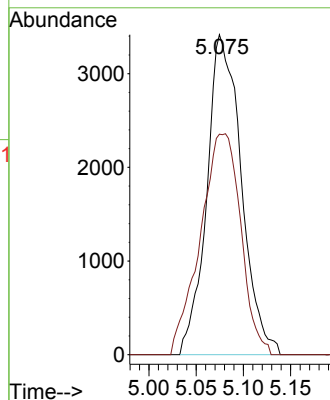
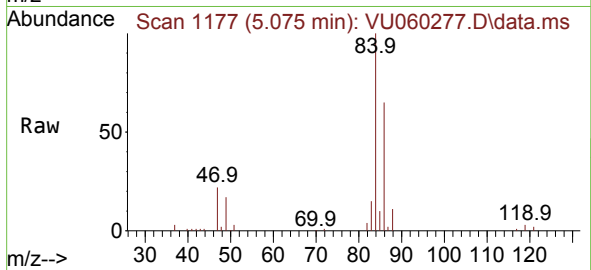




#25
Chloroform
Concen: 2.999 ug/L
RT: 5.075 min Scan# 1178
Delta R.T. -0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

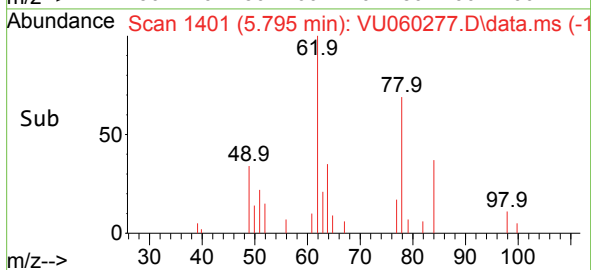
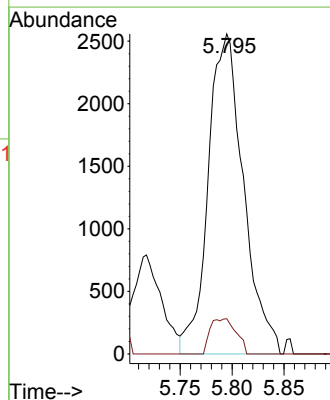
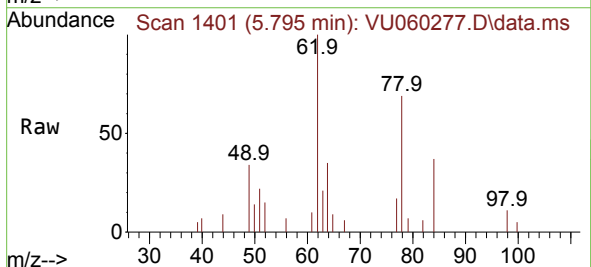
Instrument :
MSVOA_U
ClientSampleId :

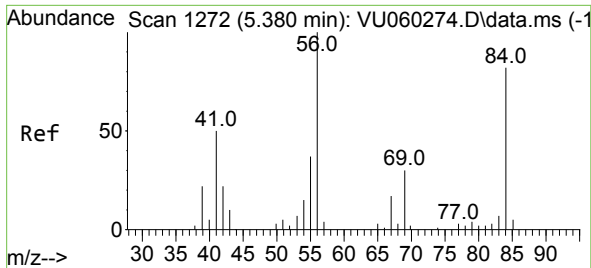
Tgt Ion: 83 Resp: 8658
Ion Ratio Lower Upper
83 100
85 68.9 46.7 86.7



#27
1,2-Dichloroethane
Concen: 2.753 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.010 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 62 Resp: 6034
Ion Ratio Lower Upper
62 100
98 11.0 7.8 11.8





#29

Cyclohexane

Concen: 1.938 ug/L

RT: 5.383 min Scan# 1272

Delta R.T. 0.003 min

Lab File: VU060277.D

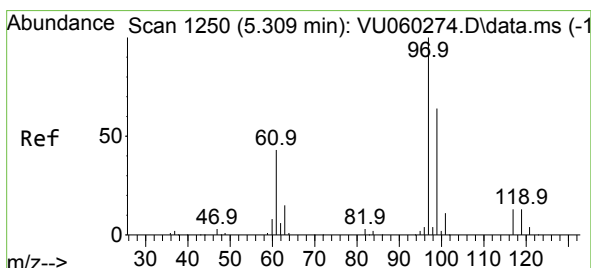
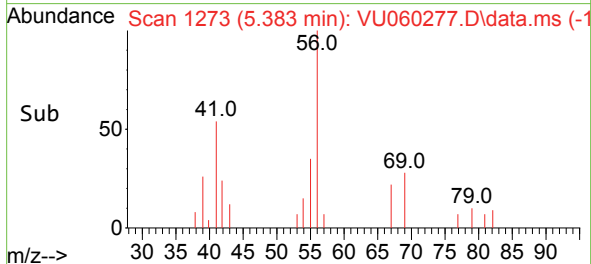
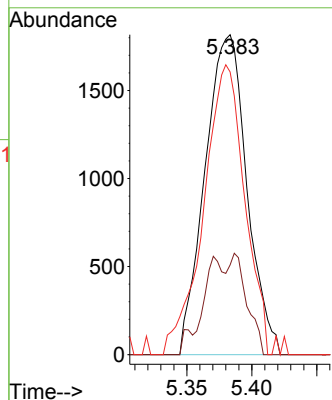
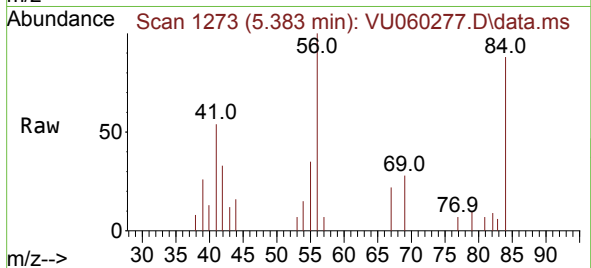
Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 56	Resp: 4070
Ion Ratio	Lower Upper
56	100
69	13.7 26.0 39.0#
84	88.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 2.409 ug/L

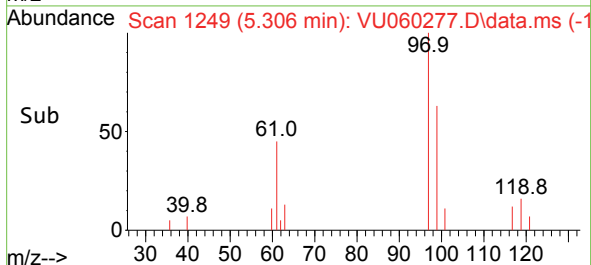
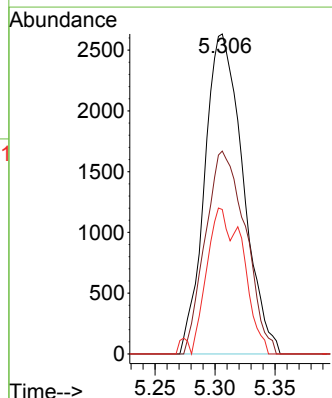
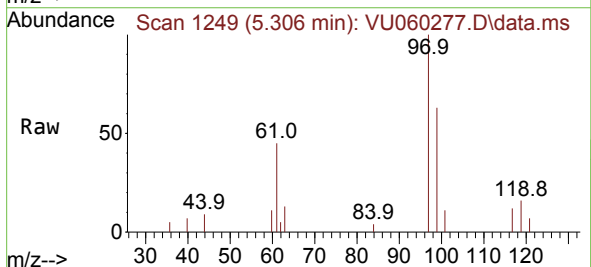
RT: 5.306 min Scan# 1249

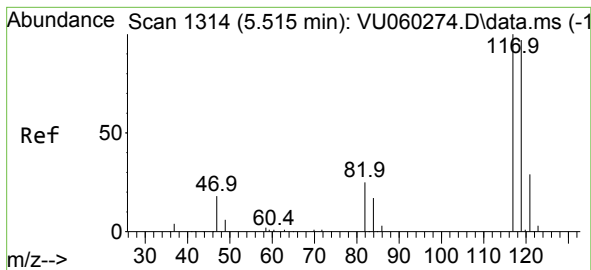
Delta R.T. -0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Tgt Ion: 97	Resp: 5853
Ion Ratio	Lower Upper
97	100
99	66.4 52.2 78.2
61	26.6 35.2 52.8#





#31

Carbon tetrachloride

Concen: 2.485 ug/L

RT: 5.518 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

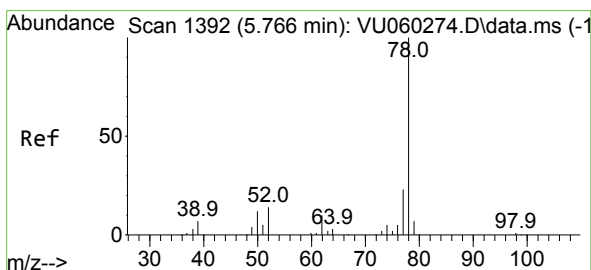
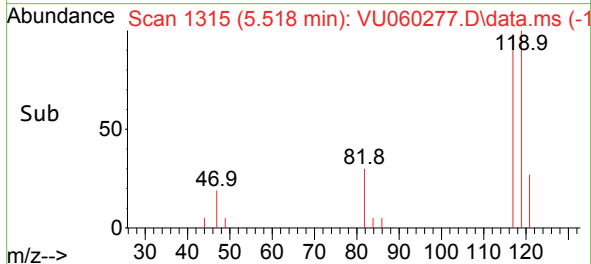
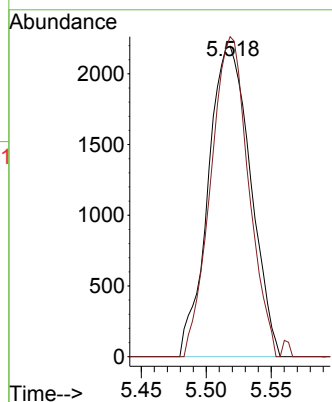
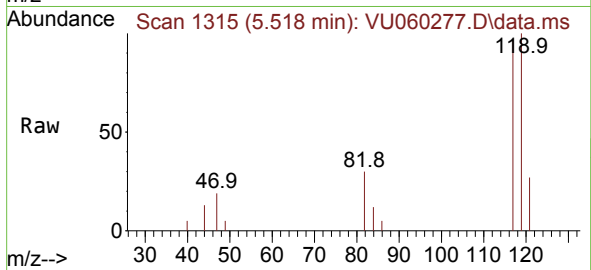
ClientSampleId :

Tgt Ion:117 Resp: 4988

Ion Ratio Lower Upper

117 100

119 91.7 77.6 116.4



#33

Benzene

Concen: 2.555 ug/L

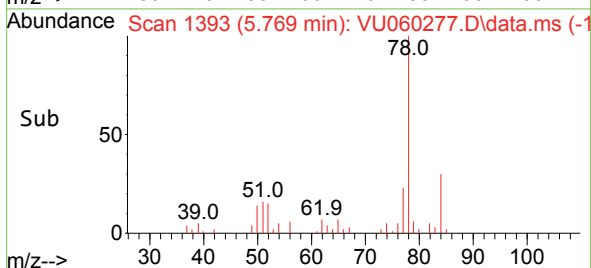
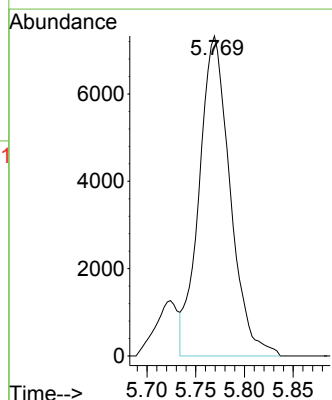
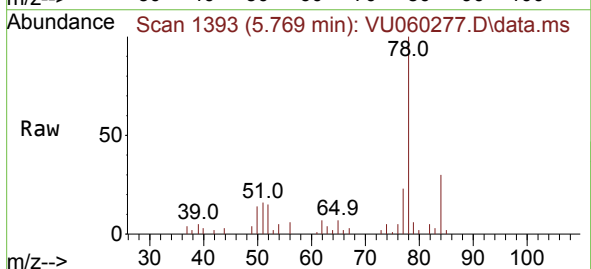
RT: 5.769 min Scan# 1393

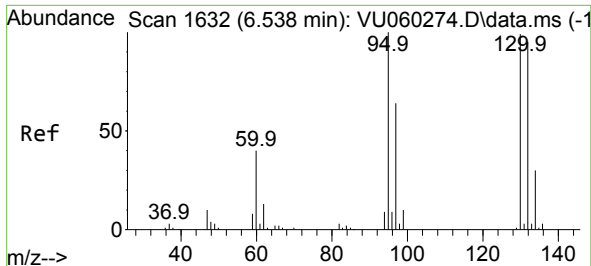
Delta R.T. 0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Tgt Ion: 78 Resp: 16185



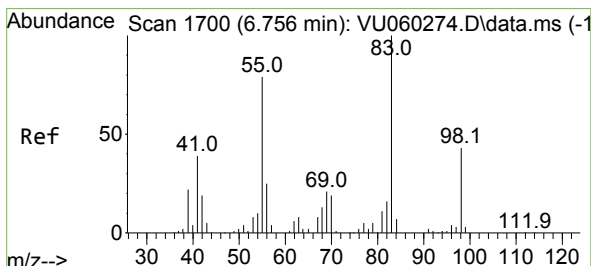
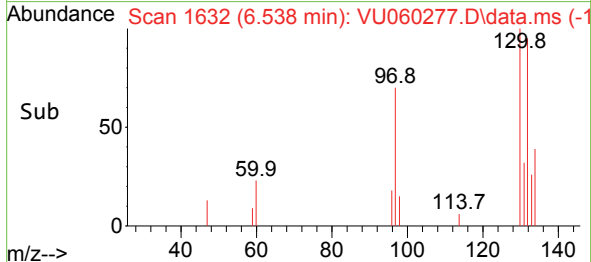
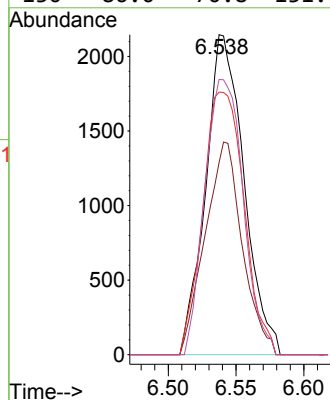
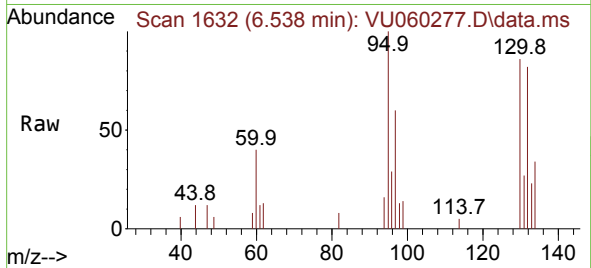


#34
Trichloroethene
Concen: 2.495 ug/L
RT: 6.538 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 4217

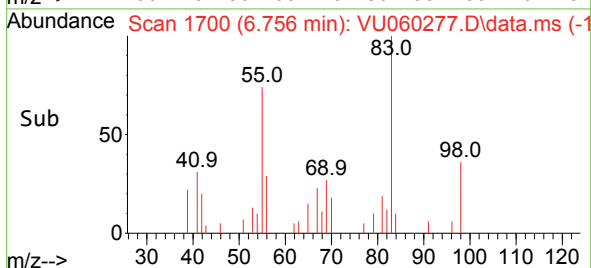
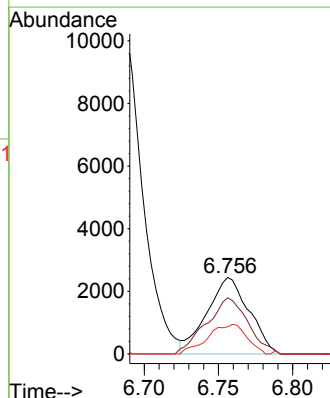
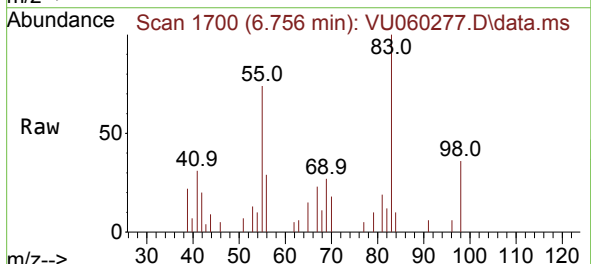
Ion	Ratio	Lower	Upper
95	100		
97	60.1	45.8	85.2
132	82.1	69.8	129.6
130	86.0	70.8	131.6

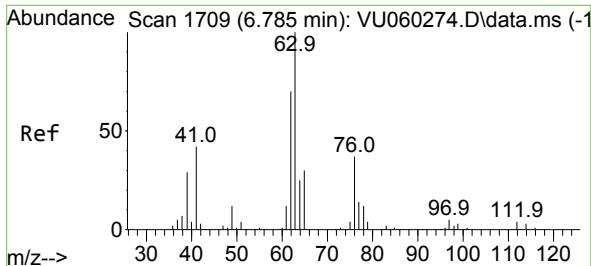


#35
Methylcyclohexane
Concen: 2.059 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 83 Resp: 4806

Ion	Ratio	Lower	Upper
83	100		
55	72.3	56.8	85.2
98	16.9	36.5	54.7





#37

1,2-Dichloropropane

Concen: 2.916 ug/L

RT: 6.785 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

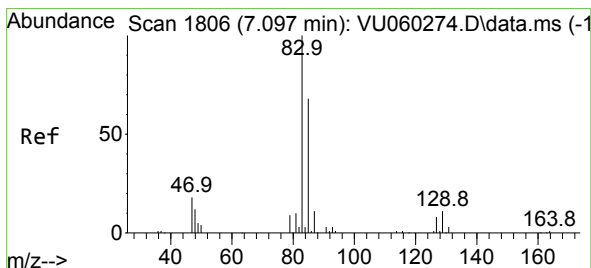
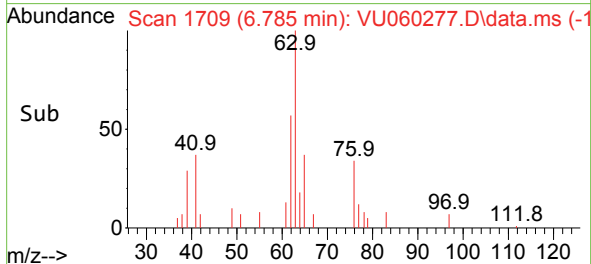
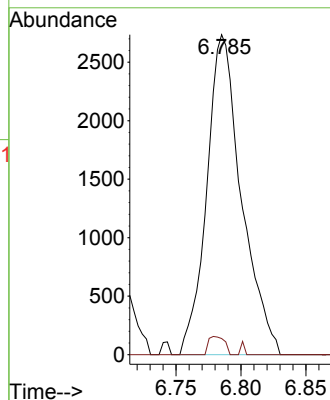
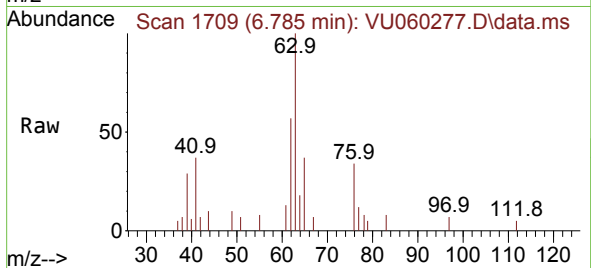
ClientSampleId :

Tgt Ion: 63 Resp: 5083

Ion Ratio Lower Upper

63 100

112 2.6 3.0 4.6#



#38

Bromodichloromethane

Concen: 2.626 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

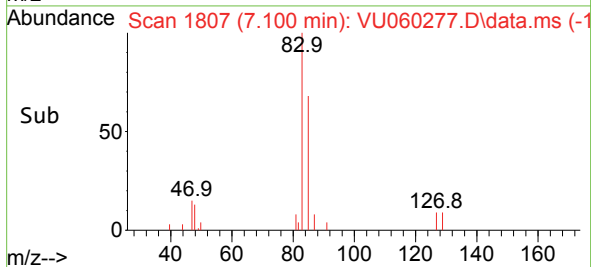
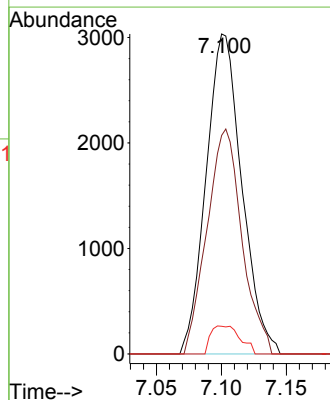
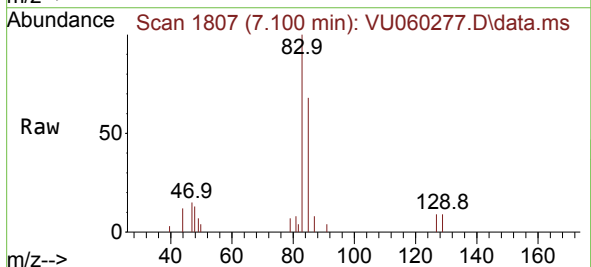
Tgt Ion: 83 Resp: 5801

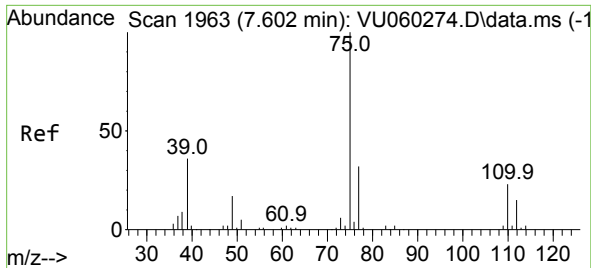
Ion Ratio Lower Upper

83 100

85 68.3 45.0 83.6

127 8.7 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 2.254 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

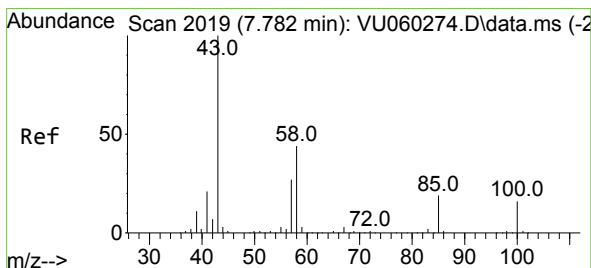
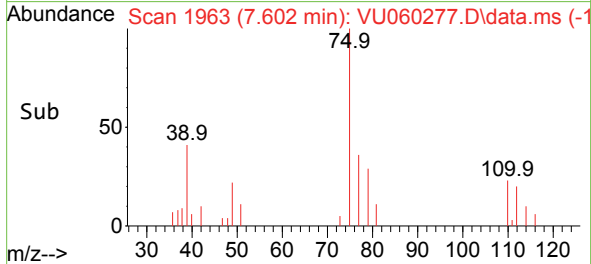
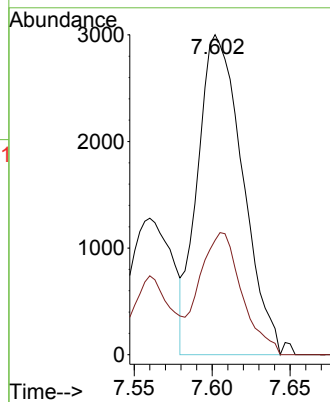
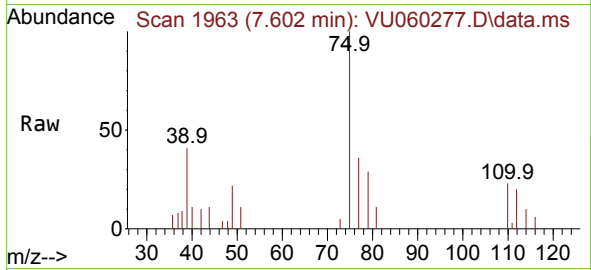
ClientSampleId :

Tgt Ion: 75 Resp: 6012

Ion Ratio Lower Upper

75 100

77 35.8 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 5.040 ug/L

RT: 7.791 min Scan# 2022

Delta R.T. 0.010 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

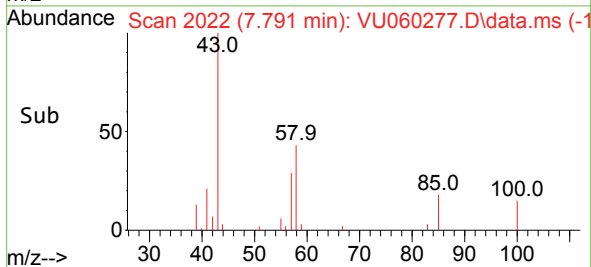
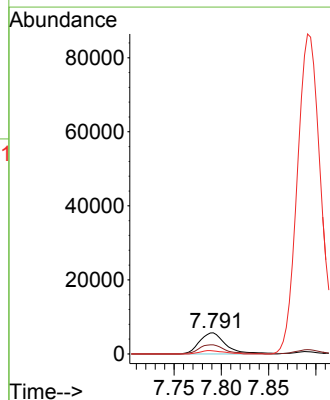
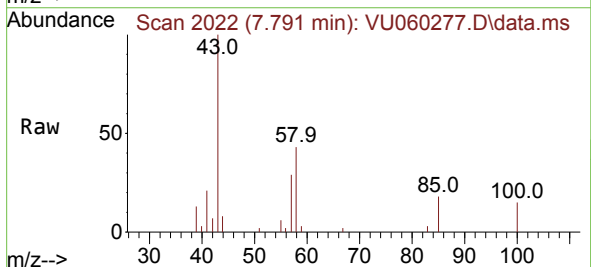
Tgt Ion: 43 Resp: 11106

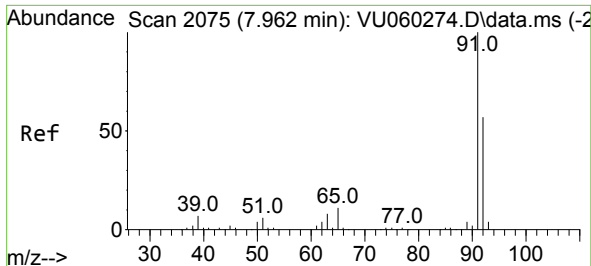
Ion Ratio Lower Upper

43 100

58 42.3 35.3 52.9

100 14.2 14.6 22.0#





#42

Toluene

Concen: 2.295 ug/L

RT: 7.968 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

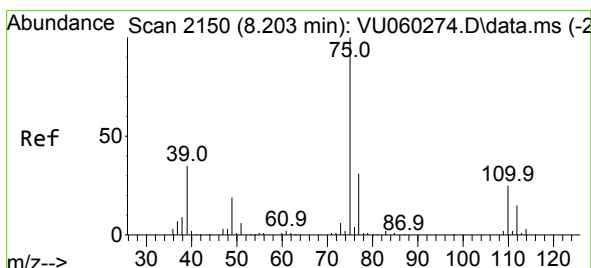
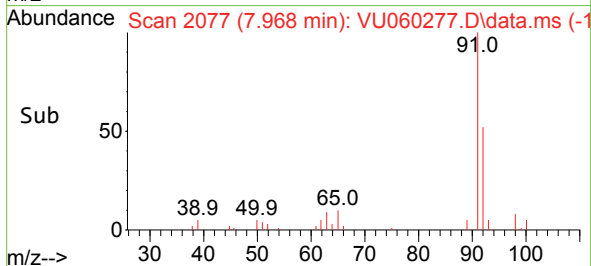
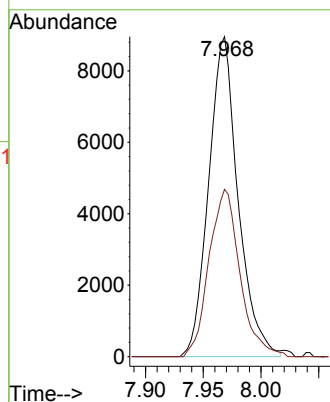
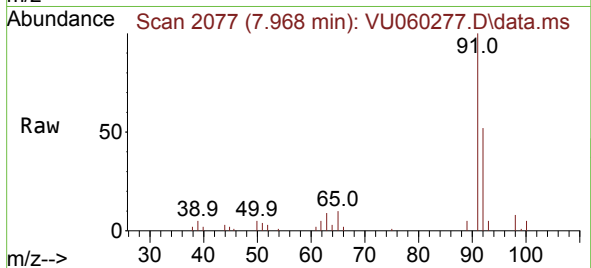
ClientSampleId :

Tgt Ion: 91 Resp: 15872

Ion Ratio Lower Upper

91 100

92 52.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 3.228 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.006 min

Lab File: VU060277.D

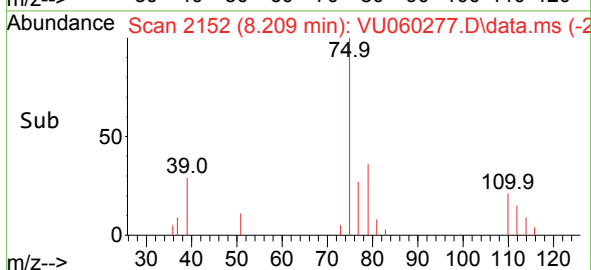
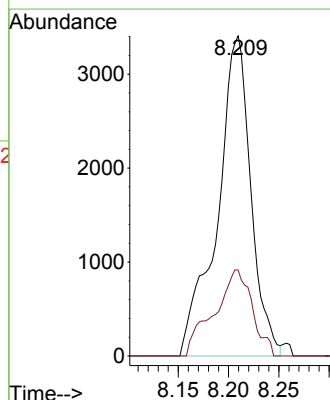
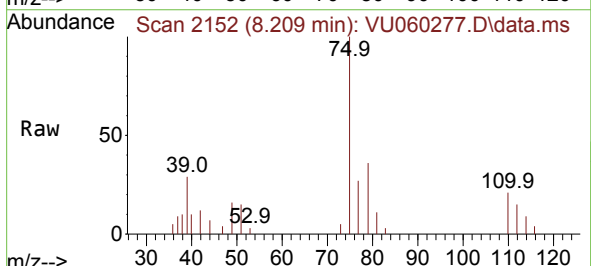
Acq: 31 Jul 2024 12:25

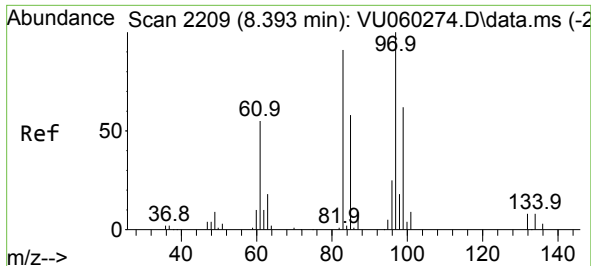
Tgt Ion: 75 Resp: 7908

Ion Ratio Lower Upper

75 100

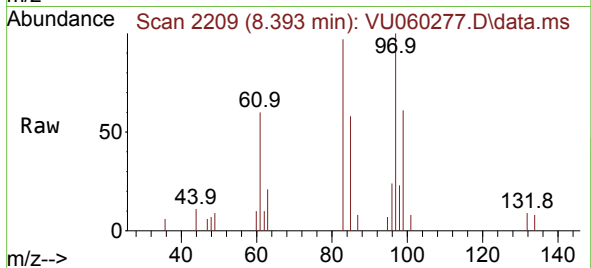
77 26.9 21.7 40.3



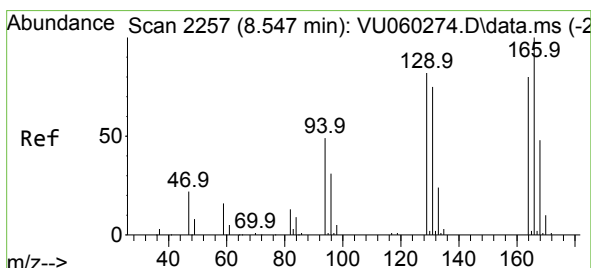
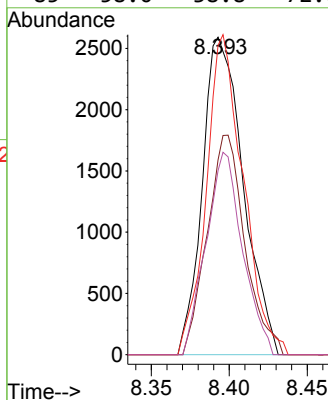
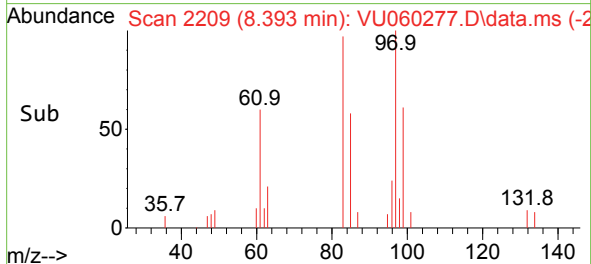


#45
1,1,2-Trichloroethane
Concen: 2.582 ug/L
RT: 8.393 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

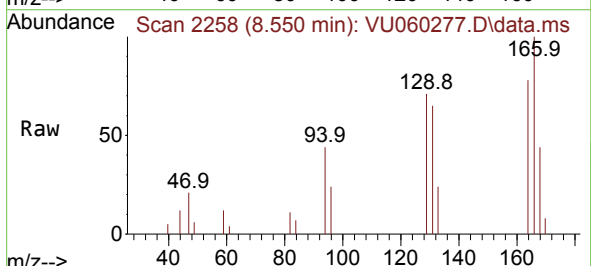
Instrument :
MSVOA_U
ClientSampleId :



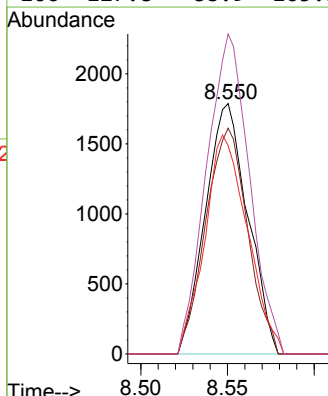
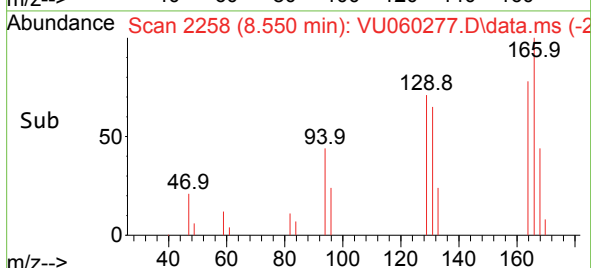
Tgt Ion:	97	Resp:	4715
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.1	80.1
83	97.4	60.4	112.2
85	58.0	38.8	72.0

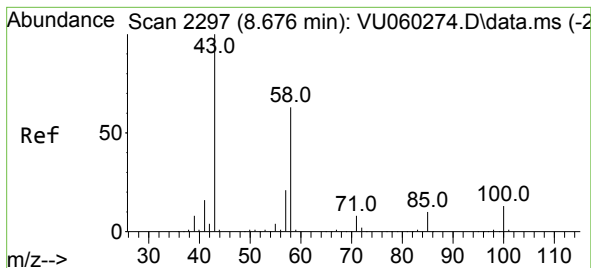


#46
Tetrachloroethene
Concen: 2.187 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25



Tgt Ion:	164	Resp:	3041
Ion	Ratio	Lower	Upper
164	100		
129	90.2	62.7	116.5
131	83.2	62.3	115.7
166	127.8	88.9	165.1





#48

2-Hexanone

Concen: 8.049 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.006 min

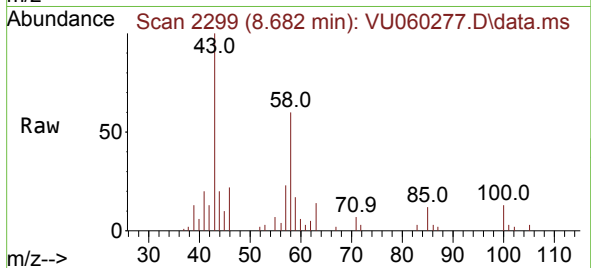
Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 14844

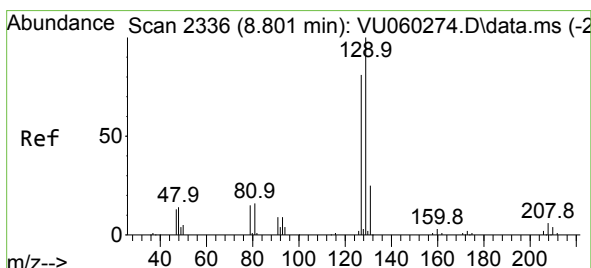
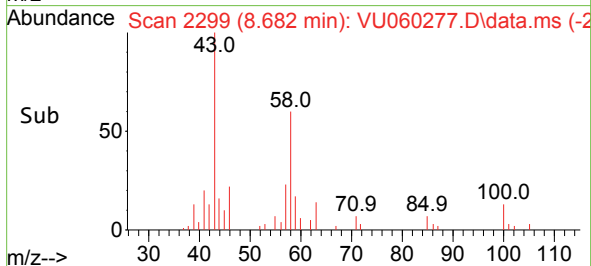
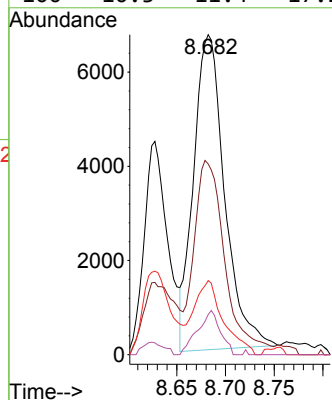
Ion Ratio Lower Upper

43 100

58 54.7 49.0 73.6

57 22.6 16.7 25.1

100 10.3 11.4 17.2#



#49

Dibromochloromethane

Concen: 2.503 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.003 min

Lab File: VU060277.D

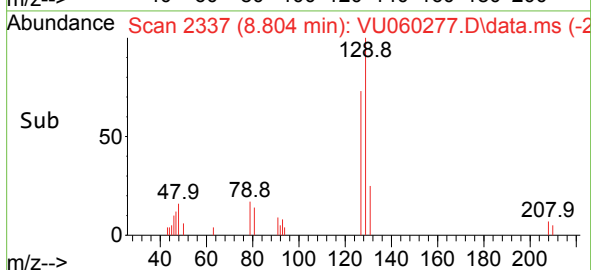
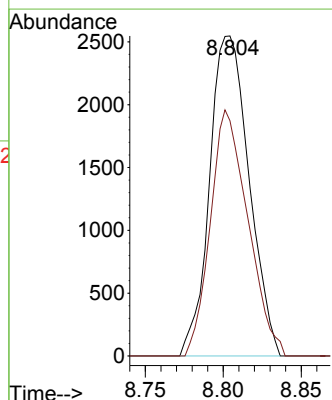
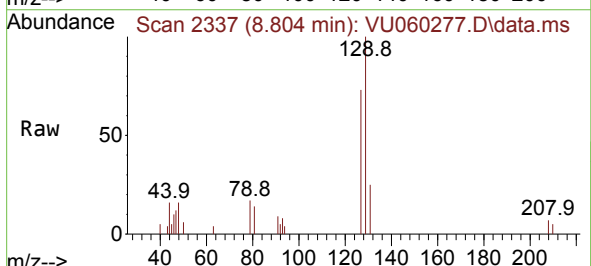
Acq: 31 Jul 2024 12:25

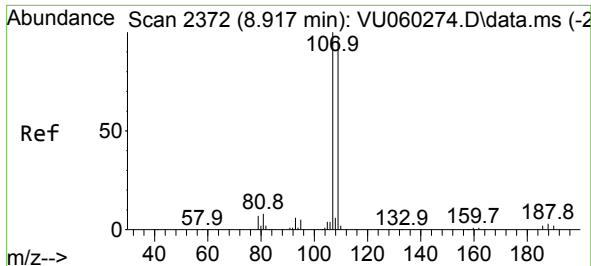
Tgt Ion: 129 Resp: 4502

Ion Ratio Lower Upper

129 100

127 73.5 54.0 100.2





#50

1,2-Dibromoethane

Concen: 2.457 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.006 min

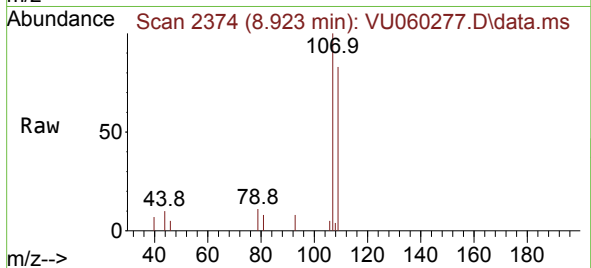
Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :



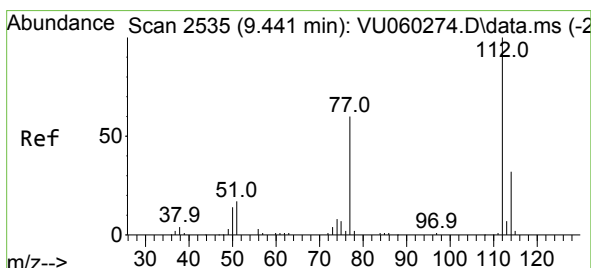
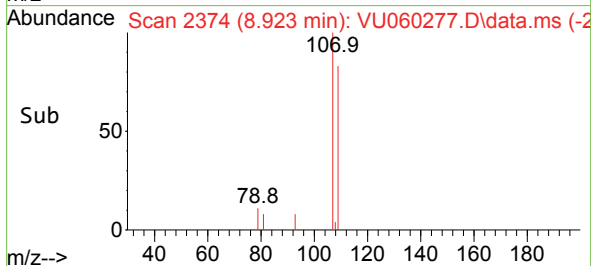
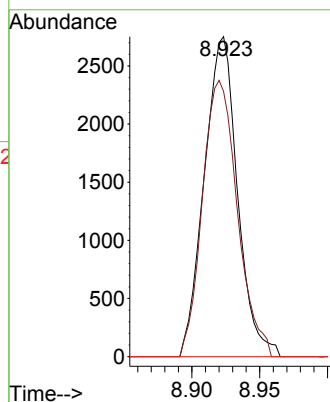
Tgt Ion:107 Resp: 4691

Ion Ratio Lower Upper

107 100

109 82.9 65.5 121.6

188 0.0 3.0 4.4#



#51

Chlorobenzene

Concen: 2.466 ug/L

RT: 9.444 min Scan# 2536

Delta R.T. 0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

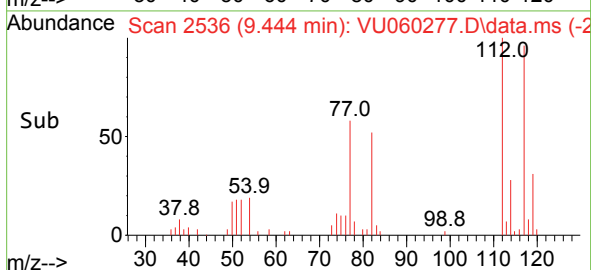
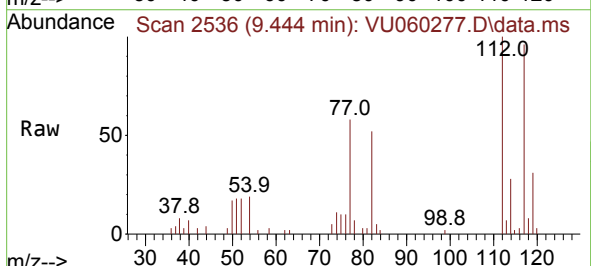
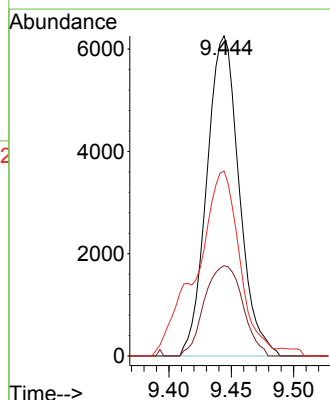
Tgt Ion:112 Resp: 11318

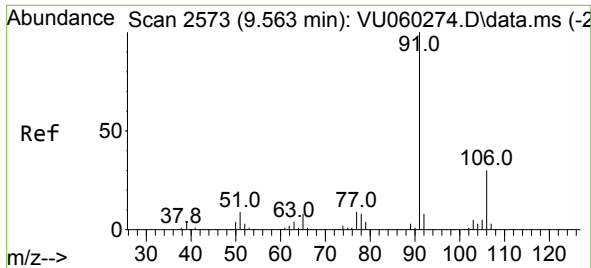
Ion Ratio Lower Upper

112 100

114 30.0 22.7 42.3

77 57.8 45.8 68.6

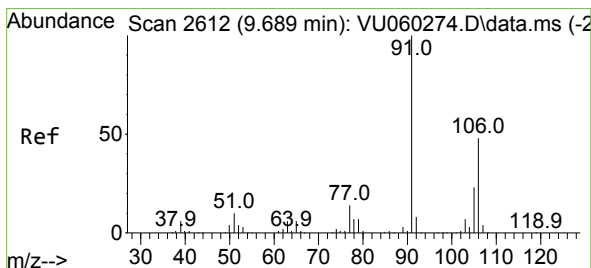
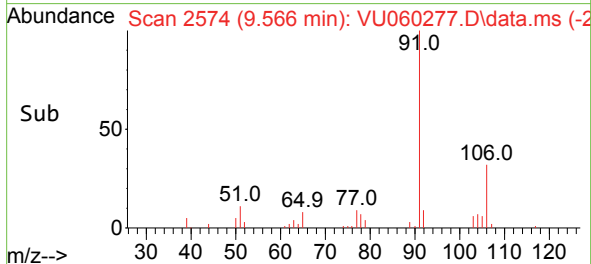
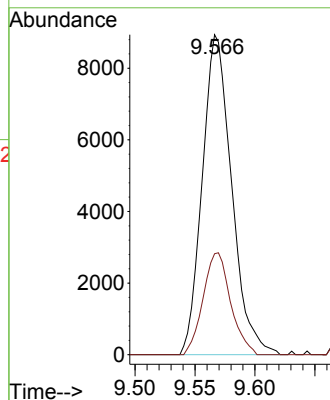
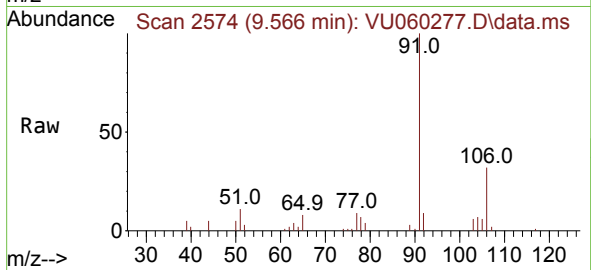




#52
Ethylbenzene
Concen: 2.061 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

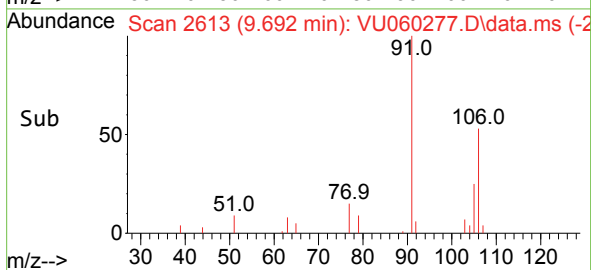
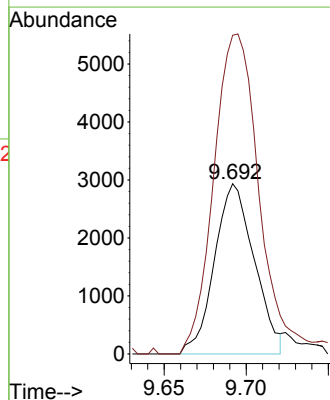
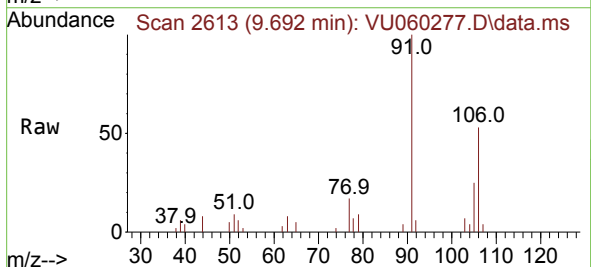
Instrument :
MSVOA_U
ClientSampleId :

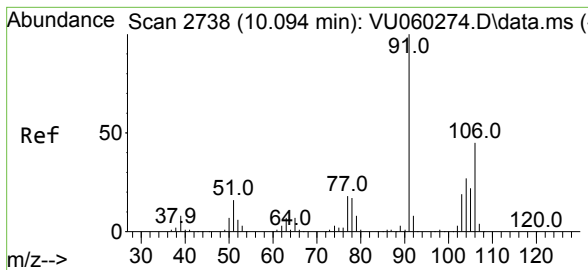
Tgt Ion: 91 Resp: 15218
Ion Ratio Lower Upper
91 100
106 31.6 22.4 41.6



#53
m,p-Xylene
Concen: 1.721 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 106 Resp: 4947
Ion Ratio Lower Upper
106 100
91 187.3 140.9 261.7

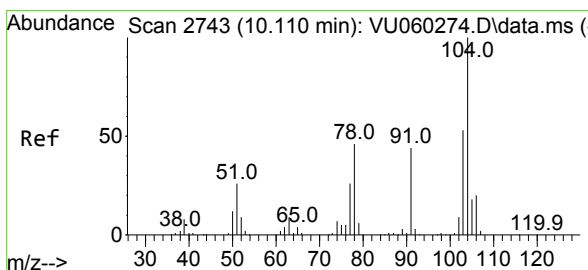
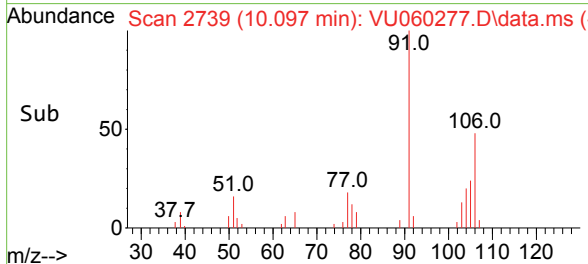
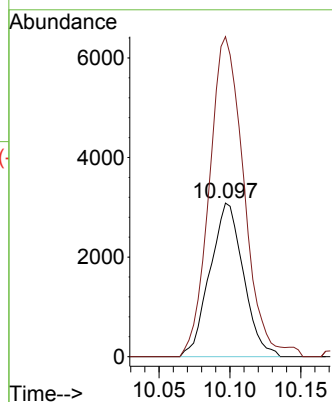
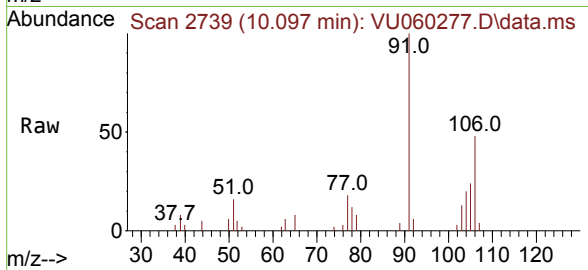




#54
o-Xylene
Concen: 1.833 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

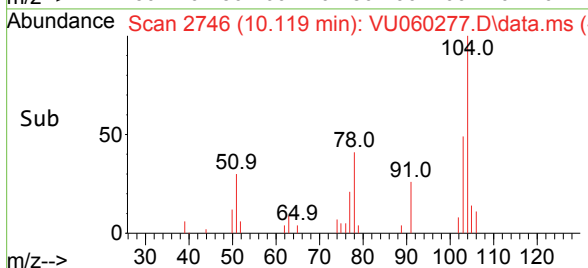
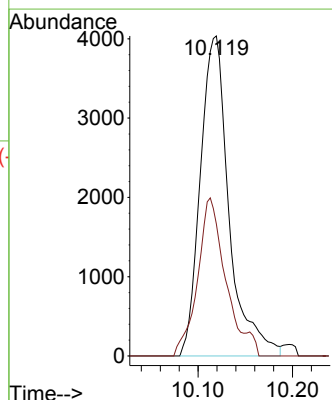
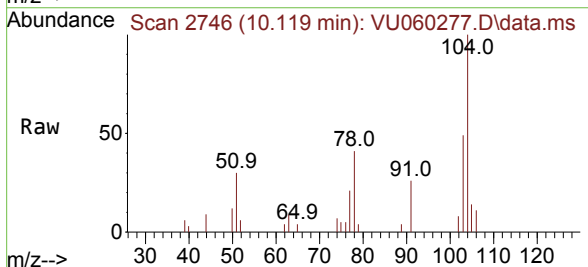
Instrument :
MSVOA_U
ClientSampleId :

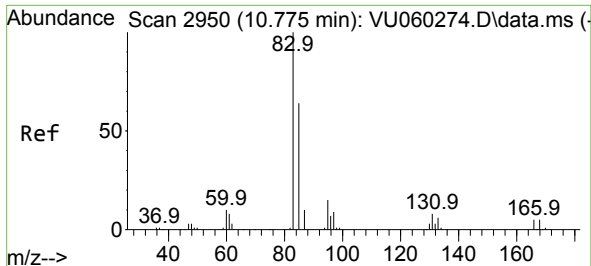
Tgt Ion:106 Resp: 5069
Ion Ratio Lower Upper
106 100
91 208.3 147.4 273.8



#55
Styrene
Concen: 1.827 ug/L
RT: 10.119 min Scan# 2746
Delta R.T. 0.010 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion:104 Resp: 8523
Ion Ratio Lower Upper
104 100
78 41.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.846 ug/L

RT: 10.772 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :

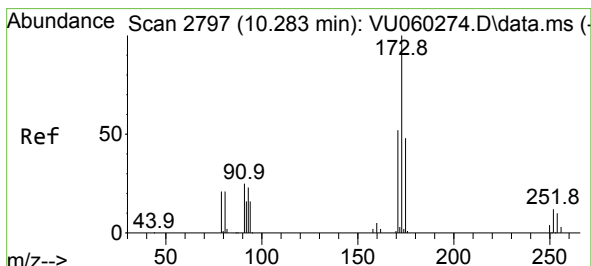
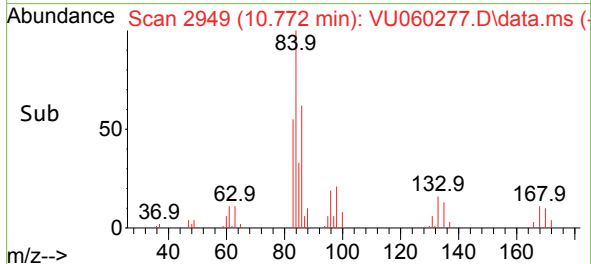
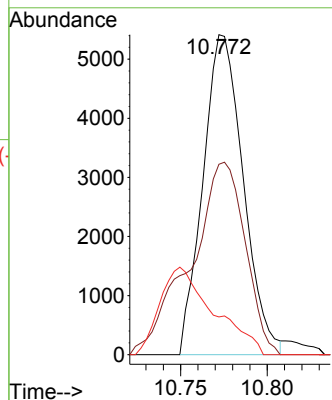
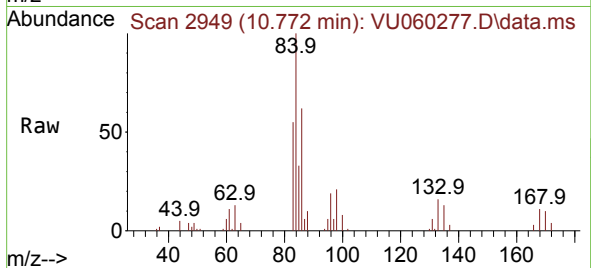
Tgt Ion: 83 Resp: 8763

Ion Ratio Lower Upper

83 100

85 59.5 45.4 84.2

131 13.7 7.5 11.3#



#59

Bromoform

Concen: 3.200 ug/L

RT: 10.287 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

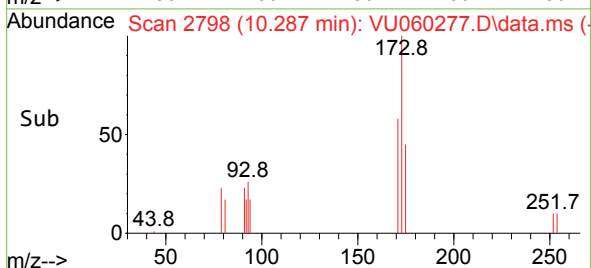
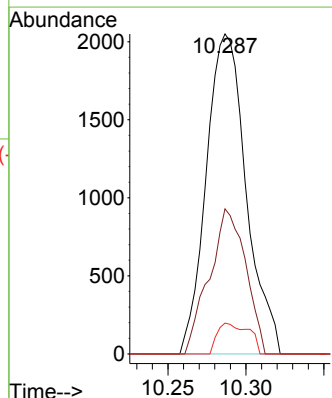
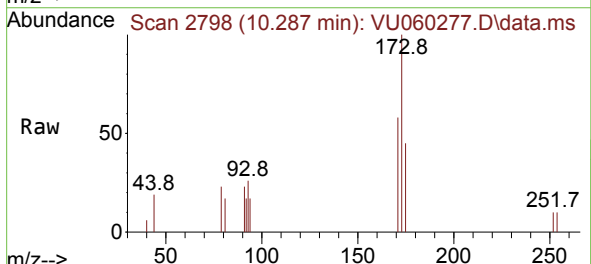
Tgt Ion:173 Resp: 3642

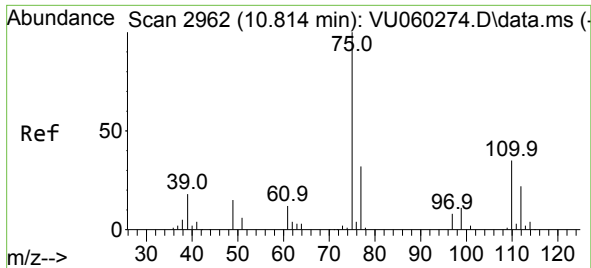
Ion Ratio Lower Upper

173 100

175 41.4 39.4 59.2

254 5.2 9.0 13.4#

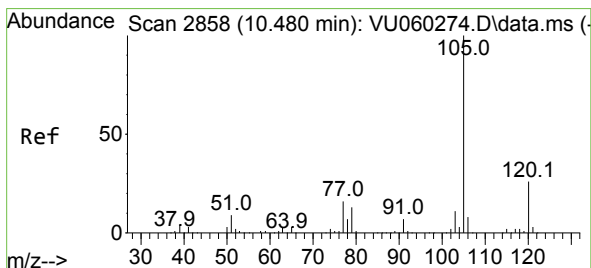
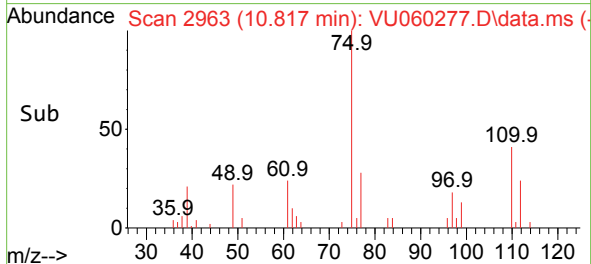
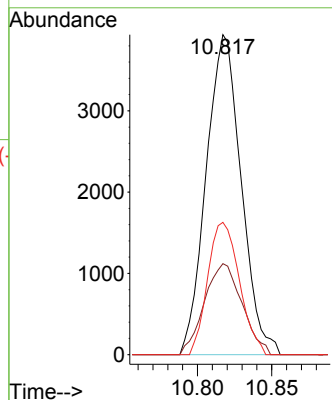
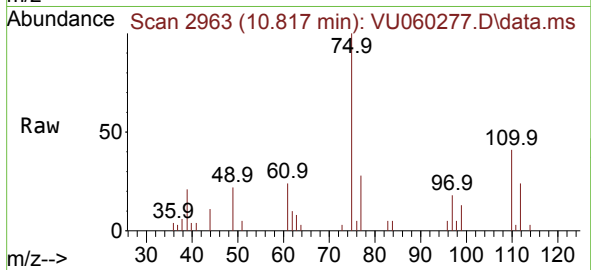




#60
1,2,3-Trichloropropane
Concen: 3.618 ug/L
RT: 10.817 min Scan# 2962
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

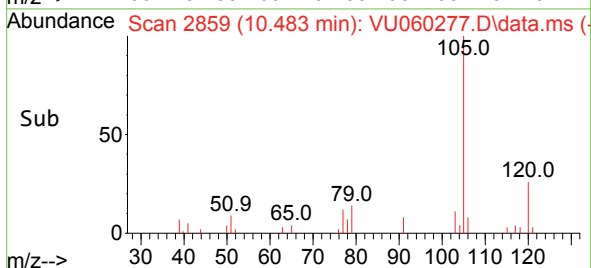
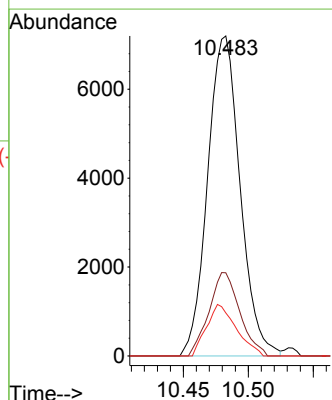
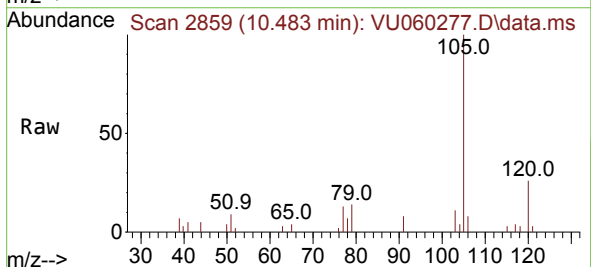
Instrument :
MSVOA_U
ClientSampleId :

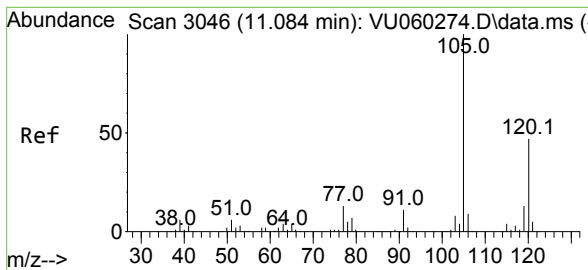
Tgt Ion: 75 Resp: 6463
Ion Ratio Lower Upper
75 100
77 30.6 25.5 38.3
110 37.4 30.7 46.1



#61
Isopropylbenzene
Concen: 2.282 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.003 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion: 105 Resp: 12524
Ion Ratio Lower Upper
105 100
120 24.7 20.9 31.3
77 14.7 12.1 18.1

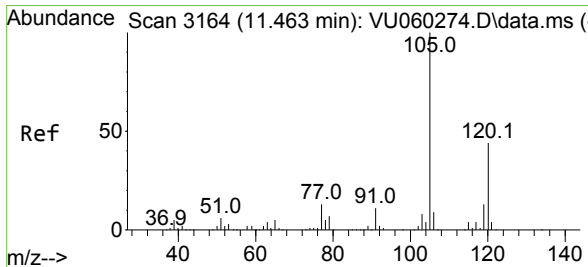
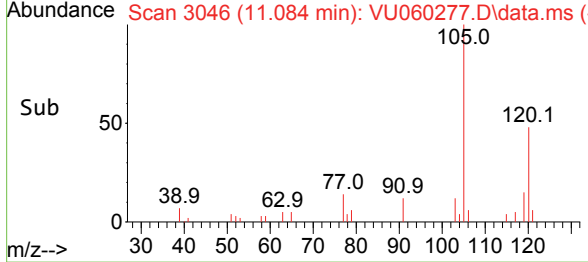
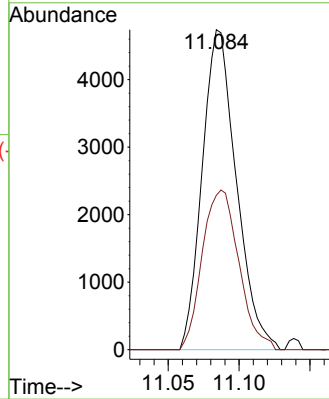
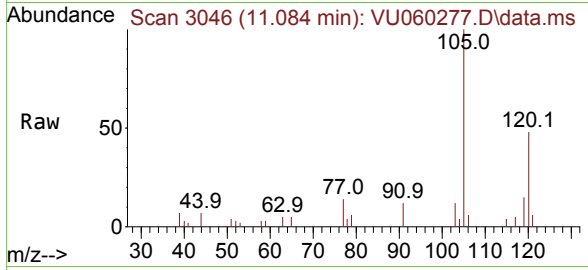




#62
 1,3,5-Trimethylbenzene
 Concen: 1.975 ug/L
 RT: 11.084 min Scan# 3046
 Delta R.T. -0.000 min
 Lab File: VU060277.D
 Acq: 31 Jul 2024 12:25

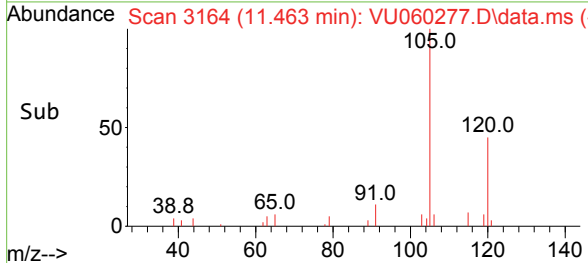
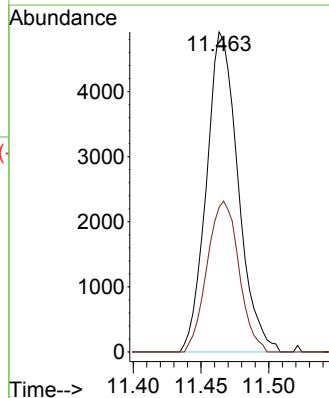
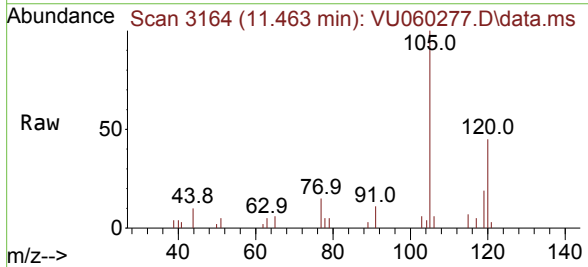
Instrument :
 MSVOA_U
 ClientSampleId :

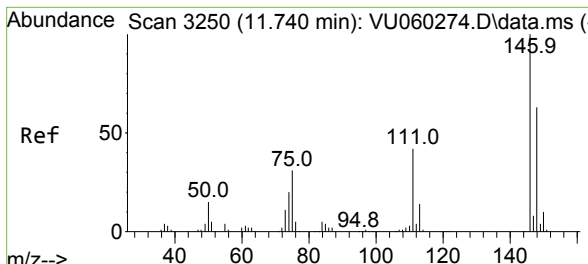
Tgt Ion:105 Resp: 7932
 Ion Ratio Lower Upper
 105 100
 120 53.5 39.5 59.3



#63
 1,2,4-Trimethylbenzene
 Concen: 1.855 ug/L
 RT: 11.463 min Scan# 3164
 Delta R.T. -0.000 min
 Lab File: VU060277.D
 Acq: 31 Jul 2024 12:25

Tgt Ion:105 Resp: 7982
 Ion Ratio Lower Upper
 105 100
 120 47.4 37.0 55.6

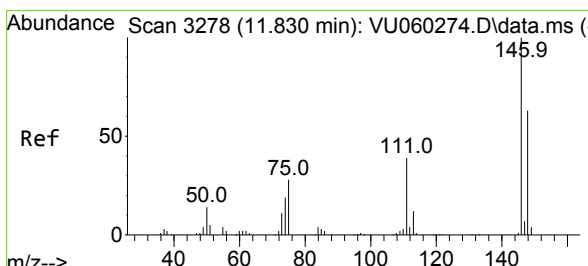
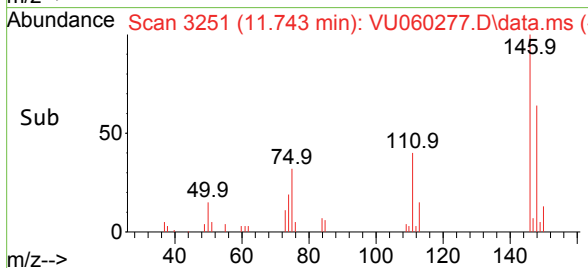
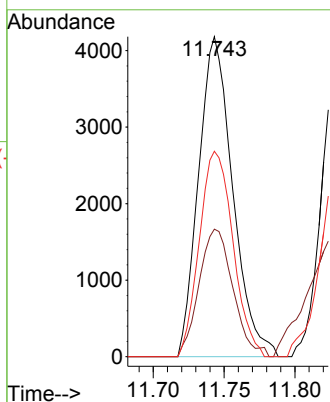
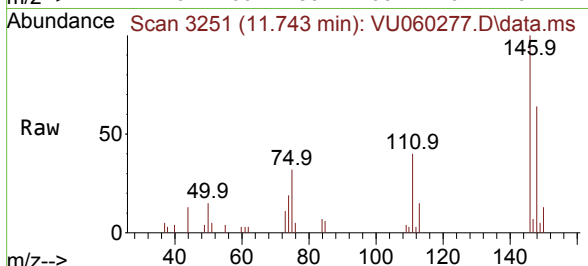




#64
 1,3-Dichlorobenzene
 Concen: 2.460 ug/L
 RT: 11.743 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU060277.D
 Acq: 31 Jul 2024 12:25

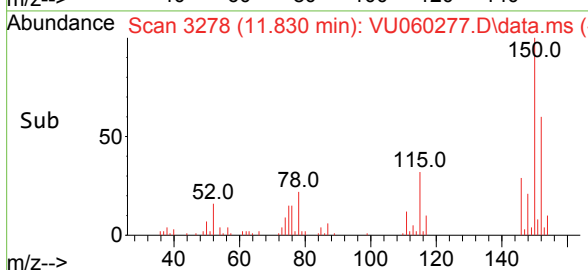
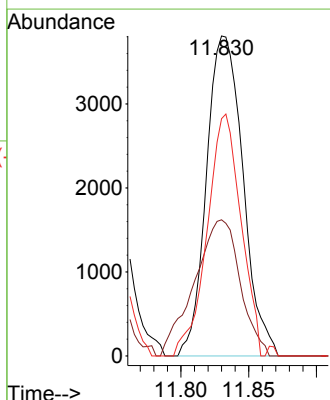
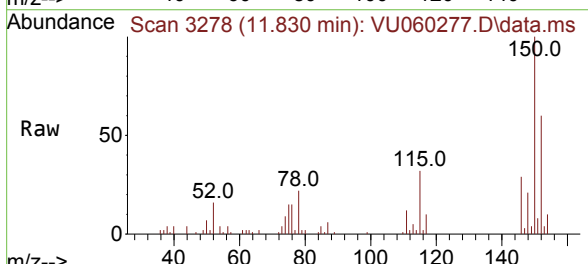
Instrument :
 MSVOA_U
 ClientSampleId :

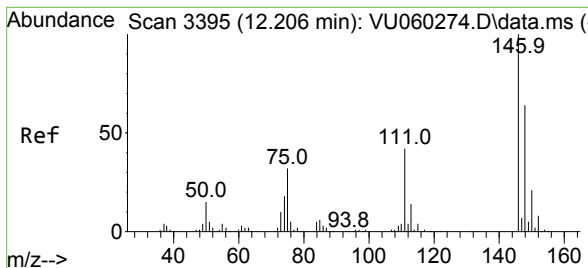
Tgt Ion:146 Resp: 7002
 Ion Ratio Lower Upper
 146 100
 111 37.3 26.5 49.1
 148 60.1 43.8 81.3



#65
 1,4-Dichlorobenzene
 Concen: 2.426 ug/L
 RT: 11.830 min Scan# 3278
 Delta R.T. -0.000 min
 Lab File: VU060277.D
 Acq: 31 Jul 2024 12:25

Tgt Ion:146 Resp: 7136
 Ion Ratio Lower Upper
 146 100
 111 42.6 25.9 48.1
 148 74.1 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 2.664 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :

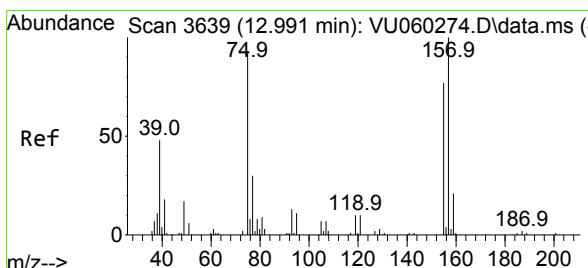
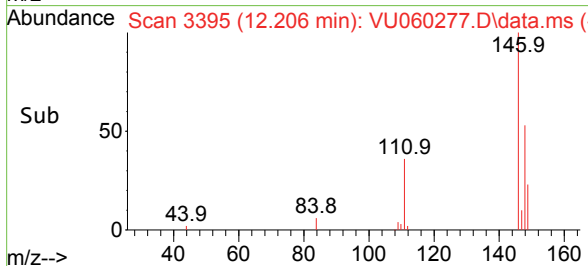
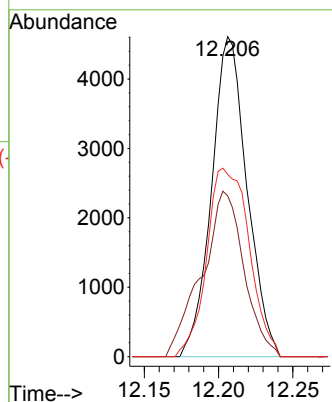
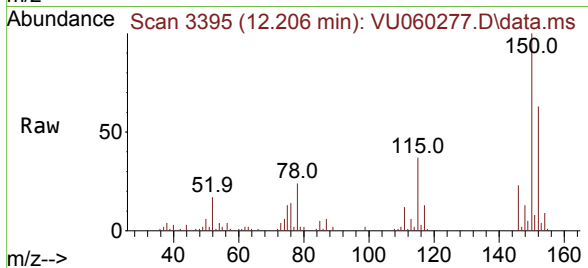
Tgt Ion:146 Resp: 7658

Ion Ratio Lower Upper

146 100

111 50.2 31.7 47.5#

148 78.2 50.8 76.2#



#68

1,2-Dibromo-3-chloropropane

Concen: 3.236 ug/L

RT: 12.997 min Scan# 3641

Delta R.T. 0.006 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

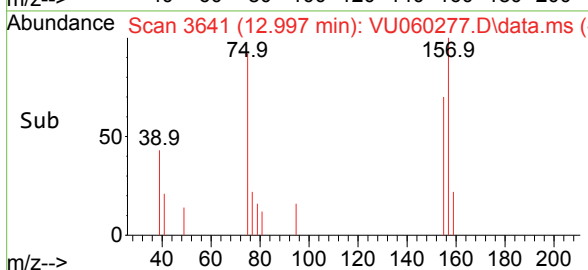
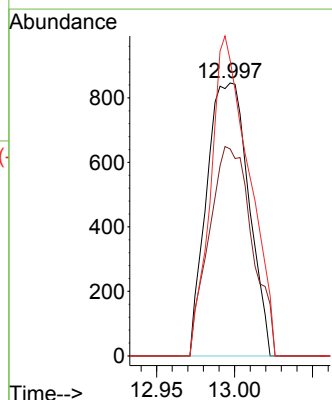
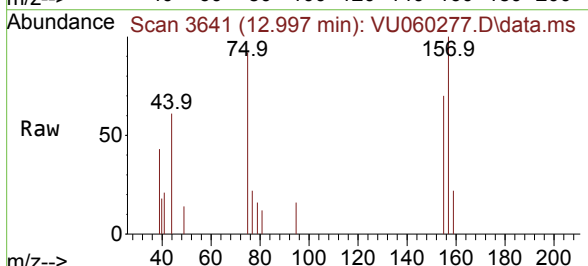
Tgt Ion: 75 Resp: 1581

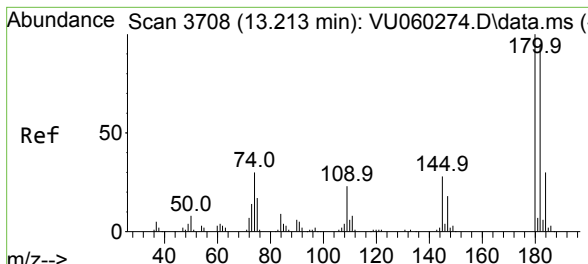
Ion Ratio Lower Upper

75 100

155 75.9 73.5 110.3

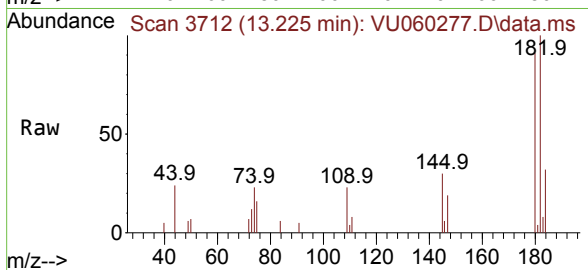
157 108.4 93.5 140.3



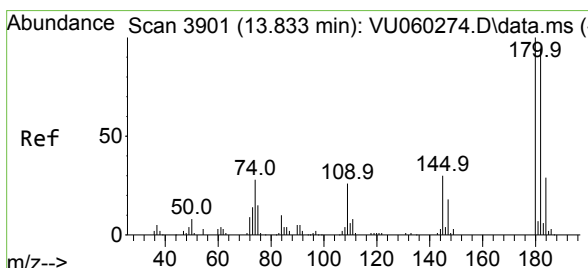
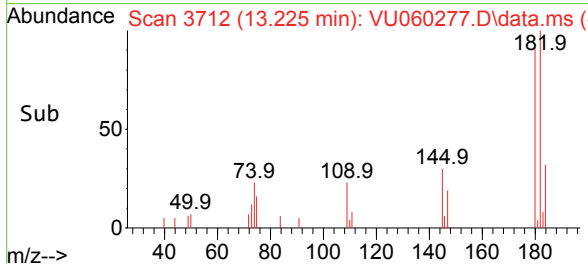
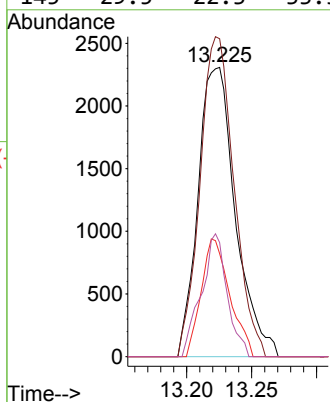


#69
1,3,5-Trichlorobenzene
Concen: 2.251 ug/L
RT: 13.225 min Scan# 31
Delta R.T. 0.013 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Instrument :
MSVOA_U
ClientSampleId :

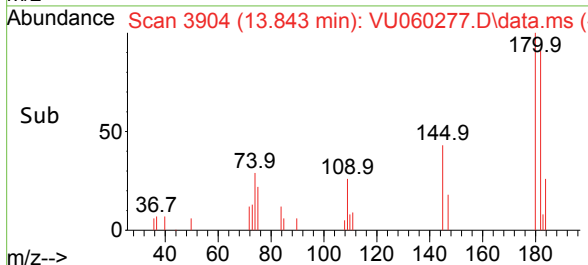
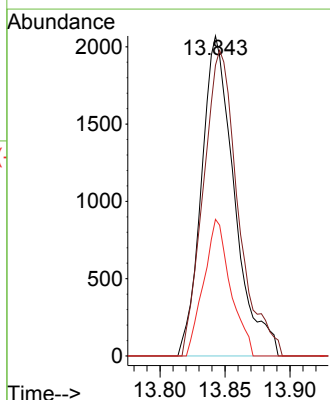
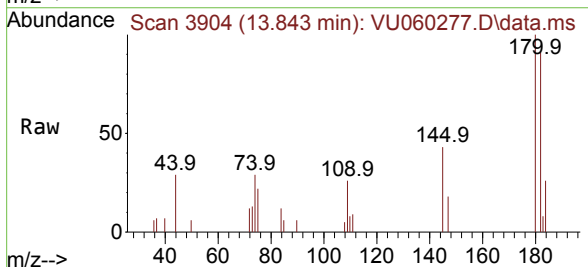


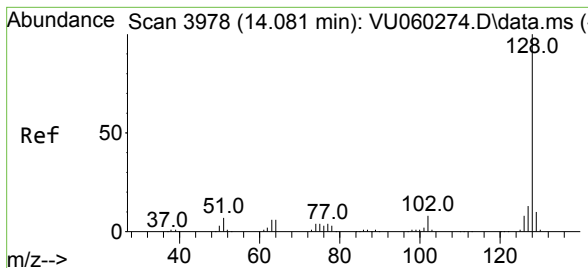
Tgt Ion:180 Resp: 4618
Ion Ratio Lower Upper
180 100
182 100.3 75.8 113.8
184 31.1 24.7 37.1
145 29.5 22.3 33.5



#70
1,2,4-trichlorobenzene
Concen: 1.970 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.010 min
Lab File: VU060277.D
Acq: 31 Jul 2024 12:25

Tgt Ion:180 Resp: 3643
Ion Ratio Lower Upper
180 100
182 100.9 76.4 114.6
145 34.8 23.0 34.4#





#71

Naphthalene

Concen: 1.969 ug/L

RT: 14.090 min Scan# 3981

Delta R.T. 0.010 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Instrument :

MSVOA_U

ClientSampleId :

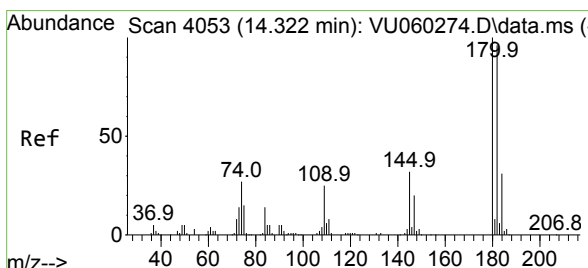
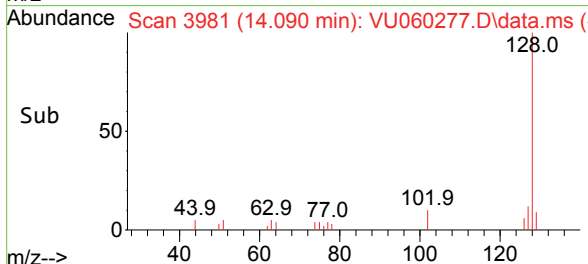
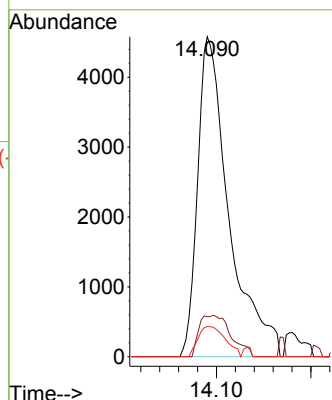
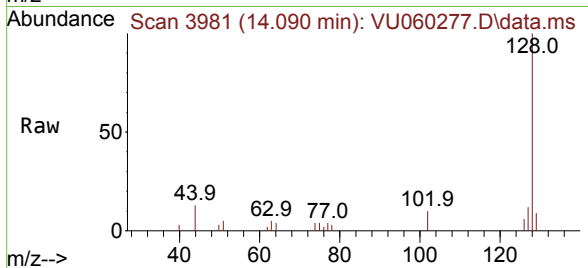
Tgt Ion:128 Resp: 10524

Ion Ratio Lower Upper

128 100

127 4.1 10.4 15.6#

129 8.2 8.6 13.0#



#72

1,2,3-Trichlorobenzene

Concen: 1.930 ug/L

RT: 14.331 min Scan# 4056

Delta R.T. 0.010 min

Lab File: VU060277.D

Acq: 31 Jul 2024 12:25

Tgt Ion:180 Resp: 3581

Ion Ratio Lower Upper

180 100

182 100.2 75.8 113.8

145 27.3 24.5 36.7

