

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072524\
 Data File : VU060193.D
 Acq On : 25 Jul 2024 23:51
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 26 04:29:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM070224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 26 02:39:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	237480	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	238020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	117309	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	83014	54.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	108.880%
7) Chloroethane-d5	1.904	69	65734	51.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.500%
11) 1,1-Dichloroethene-d2	2.563	63	126510	46.702	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.400%
21) 2-Butanone-d5	4.618	46	109089	102.947	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.950%
24) Chloroform-d	5.055	84	136396	46.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.380%
26) 1,2-Dichloroethane-d4	5.695	65	80471	45.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
32) Benzene-d6	5.721	84	274616	45.056	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.120%
36) 1,2-Dichloropropane-d6	6.682	67	89771	47.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.180%
41) Toluene-d8	7.891	98	248724	42.912	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.174	79	37036	41.957	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.920%
47) 2-Hexanone-d5	8.627	63	68513	86.180	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	135683	46.862	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.720%
66) 1,2-Dichlorobenzene-d4	12.187	152	87112	40.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	60172	40.798	ug/L	100
3) Chloromethane	1.518	50	74831	51.704	ug/L	98
5) Vinyl chloride	1.602	62	81906	48.209	ug/L	98
6) Bromomethane	1.849	94	49724	55.717	ug/L	99
8) Chloroethane	1.927	64	54737	49.487	ug/L	98
9) Trichlorofluoromethane	2.132	101	109750	46.399	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	69154	45.930	ug/L	96
12) 1,1-Dichloroethene	2.573	96	62465	44.361	ug/L	99
13) Acetone	2.628	43	84958	77.859	ug/L	99
14) Carbon disulfide	2.788	76	138581	38.994	ug/L	99
15) Methyl Acetate	2.943	43	94200	57.260	ug/L	93
16) Methylene chloride	3.039	84	84023	47.321	ug/L	95
17) trans-1,2-Dichloroethene	3.348	96	63562	43.847	ug/L	96
18) Methyl tert-butyl Ether	3.354	73	220760	46.887	ug/L	98
19) 1,1-Dichloroethane	3.859	63	142530	51.840	ug/L	97
20) cis-1,2-Dichloroethene	4.656	96	79877	45.505	ug/L	94
22) 2-Butanone	4.698	43	128155	95.460	ug/L	95
23) Bromochloromethane	4.968	128	42017	45.380	ug/L	# 89
25) Chloroform	5.078	83	150975	51.029	ug/L	99

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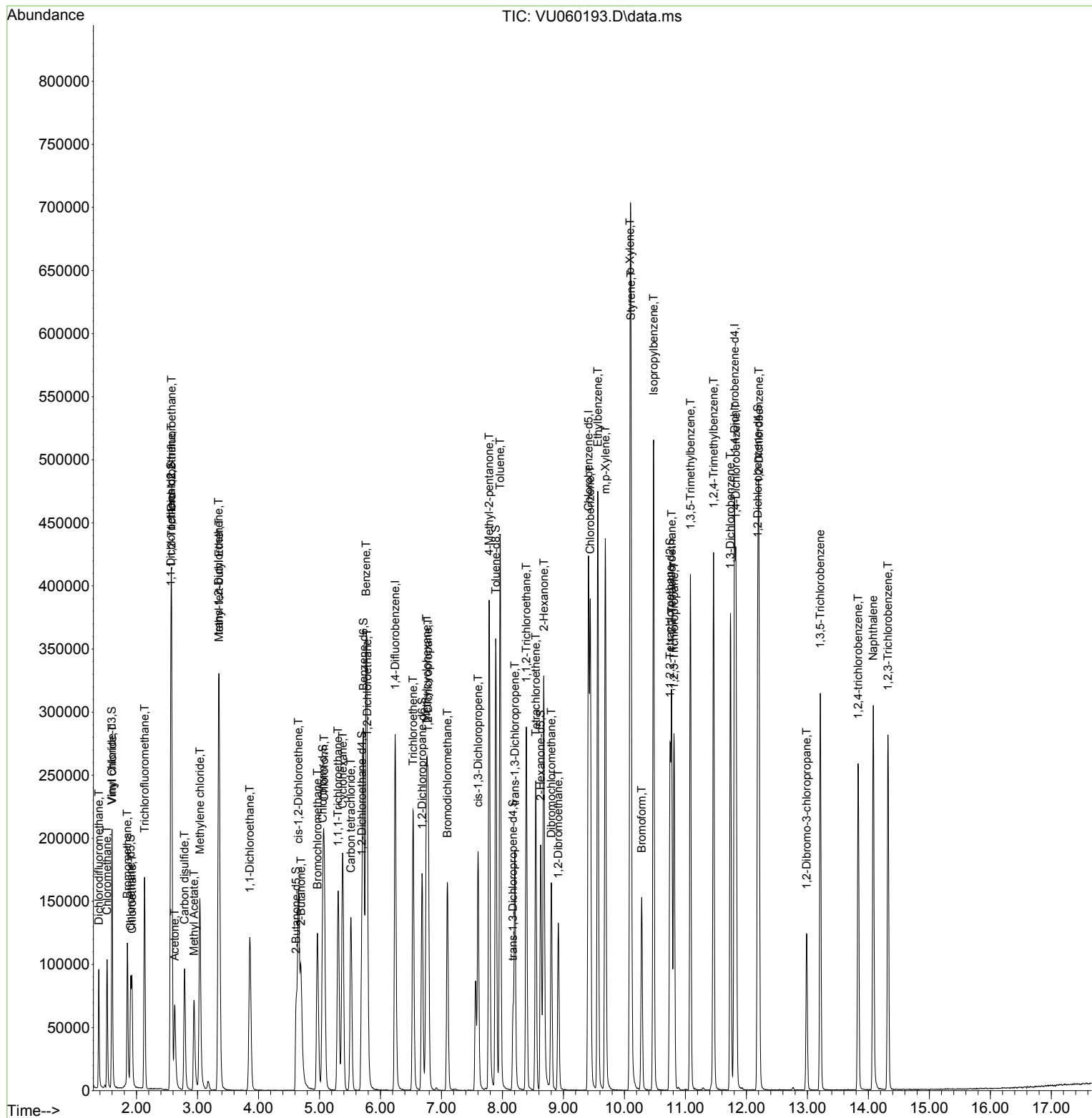
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	106582	47.453	ug/L	99
29) Cyclohexane	5.380	56	91810	43.078	ug/L	91
30) 1,1,1-Trichloroethane	5.306	97	116247	47.144	ug/L	99
31) Carbon tetrachloride	5.515	117	96748	47.499	ug/L	98
33) Benzene	5.766	78	317225	49.354	ug/L	100
34) Trichloroethene	6.534	95	81007	47.228	ug/L	95
35) Methylcyclohexane	6.756	83	92198	38.921	ug/L	93
37) 1,2-Dichloropropane	6.782	63	94684	53.519	ug/L	99
38) Bromodichloromethane	7.097	83	113653	50.701	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	120360	44.466	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	247569	110.717	ug/L	98
42) Toluene	7.962	91	334771	47.710	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	113152	45.509	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	91228	49.238	ug/L	98
46) Tetrachloroethene	8.547	164	54360	38.525	ug/L	90
48) 2-Hexanone	8.679	43	204129	109.078	ug/L	98
49) Dibromochloromethane	8.801	129	86601	47.438	ug/L	97
50) 1,2-Dibromoethane	8.917	107	91924	47.452	ug/L	99
51) Chlorobenzene	9.441	112	207755	44.599	ug/L	97
52) Ethylbenzene	9.563	91	335751	44.807	ug/L	97
53) m,p-Xylene	9.688	106	125631	43.060	ug/L	98
54) o-Xylene	10.094	106	127295	45.372	ug/L	97
55) Styrene	10.110	104	227628	48.091	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	158659	50.778	ug/L	99
59) Bromoform	10.283	173	70783	49.903	ug/L	97
60) 1,2,3-Trichloropropane	10.814	75	124052	55.720	ug/L	97
61) Isopropylbenzene	10.479	105	325546	47.607	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	220337	44.015	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	235904	43.995	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	159063	44.852	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	158377	43.200	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	162160	45.264	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	32902	54.039	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	100717	39.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	85314	37.020	ug/L	99
71) Naphthalene	14.081	128	258995	38.889	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	90936	39.329	ug/L	99

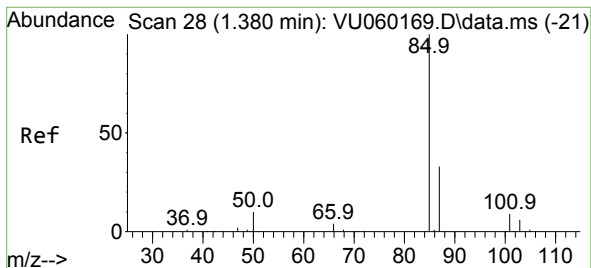
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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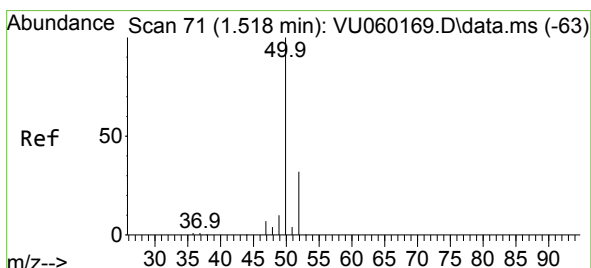
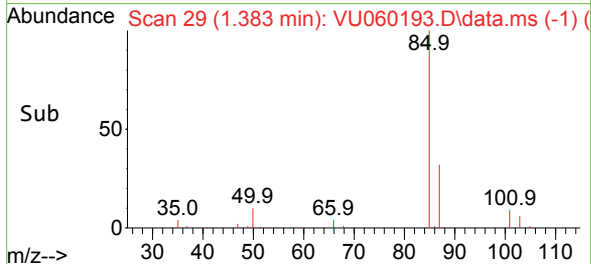
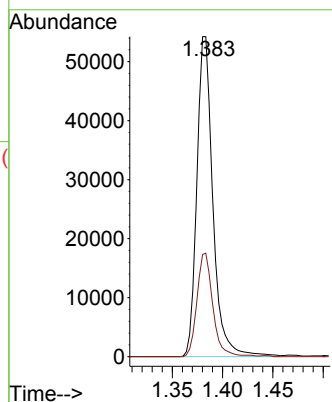
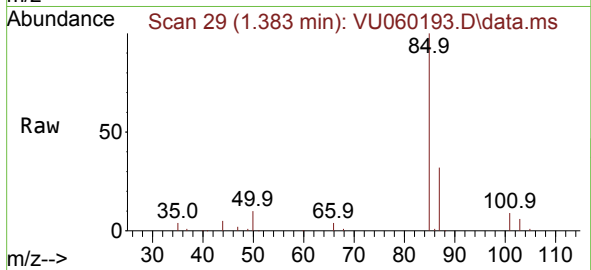




#2
Dichlorodifluoromethane
Concen: 40.798 ug/L
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

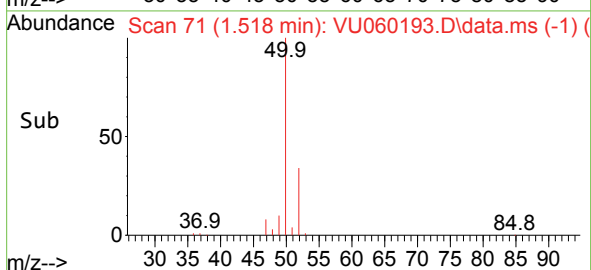
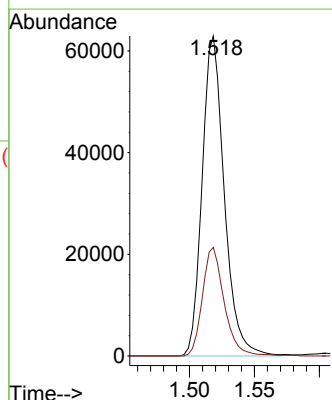
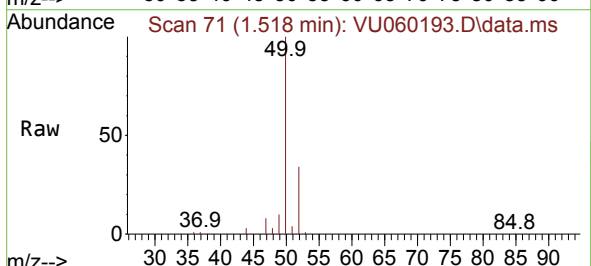
Instrument :
MSVOA_U
ClientSampleId :

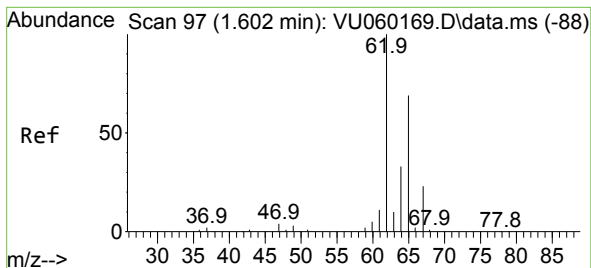
Tgt Ion: 85 Resp: 60172
Ion Ratio Lower Upper
85 100
87 31.6 25.4 38.2



#3
Chloromethane
Concen: 51.704 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 50 Resp: 74831
Ion Ratio Lower Upper
50 100
52 33.9 24.5 45.5





#5

Vinyl chloride

Concen: 48.209 ug/L

RT: 1.602 min Scan# 91

Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

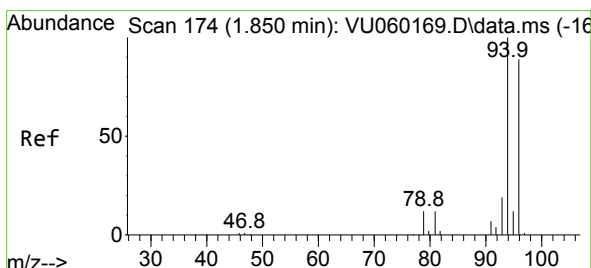
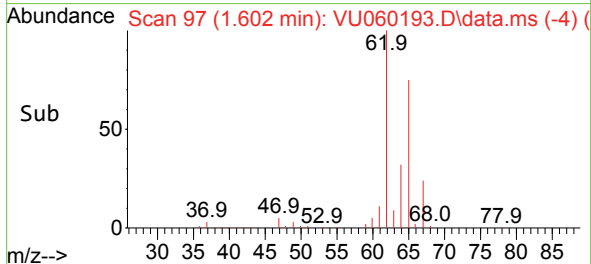
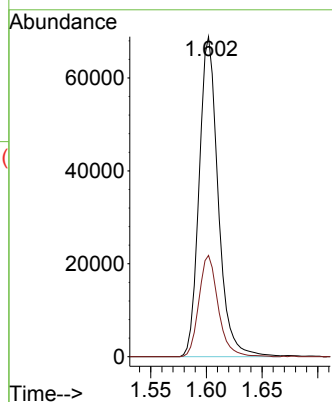
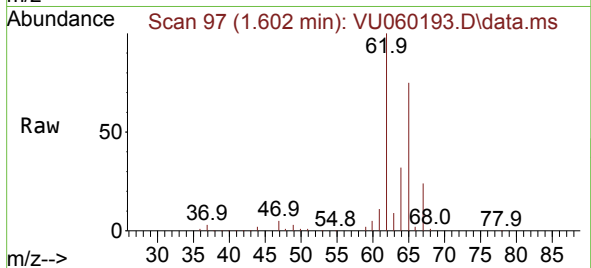
ClientSampleId :

Tgt Ion: 62 Resp: 81906

Ion Ratio Lower Upper

62 100

64 31.6 22.9 42.5



#6

Bromomethane

Concen: 55.717 ug/L

RT: 1.849 min Scan# 174

Delta R.T. -0.000 min

Lab File: VU060193.D

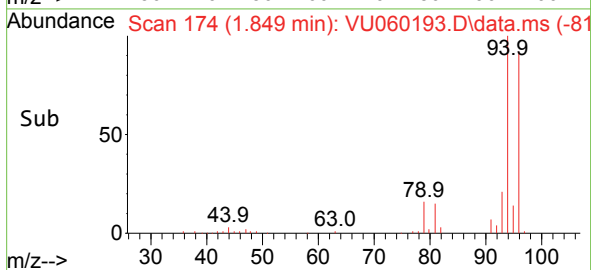
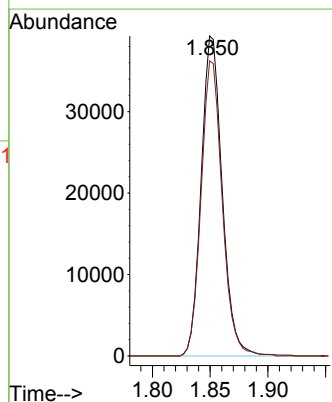
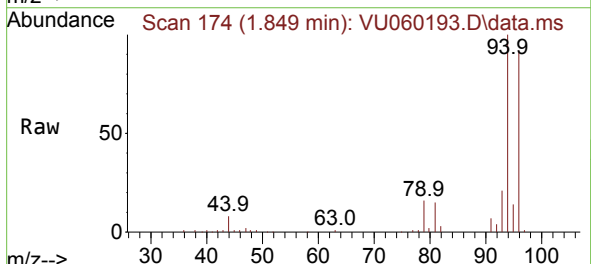
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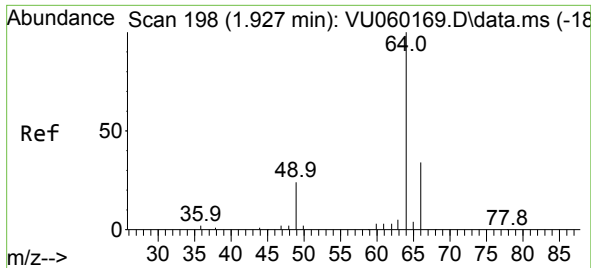
Tgt Ion: 94 Resp: 49724

Ion Ratio Lower Upper

94 100

96 92.2 65.2 121.2

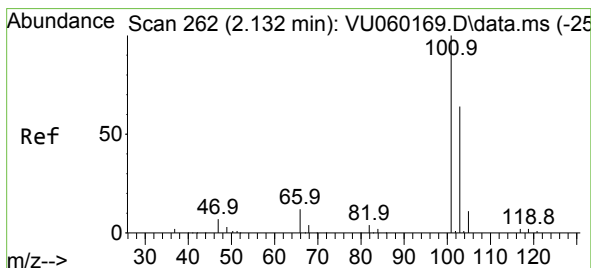
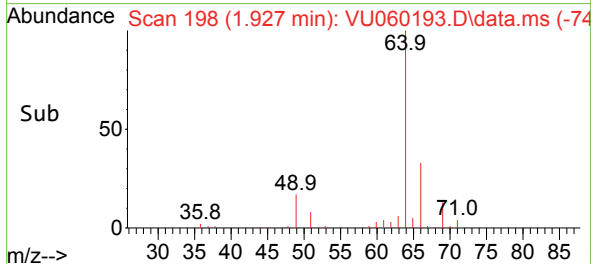
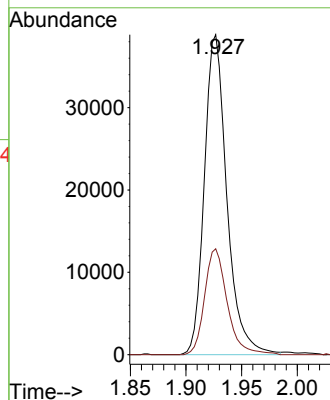
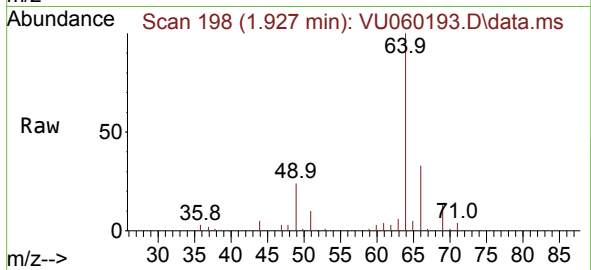




#8
Chloroethane
Concen: 49.487 ug/L
RT: 1.927 min Scan# 198
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

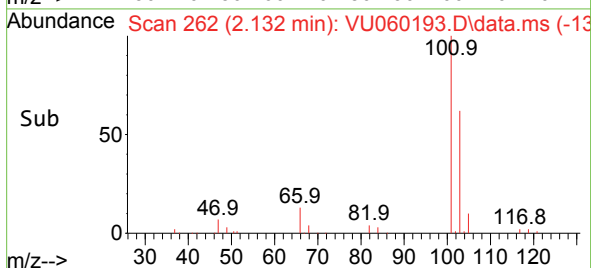
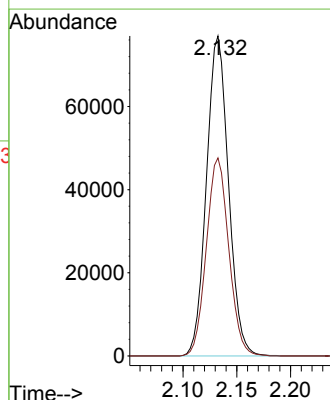
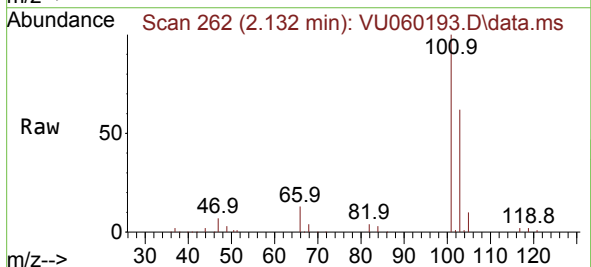
Instrument :
MSVOA_U
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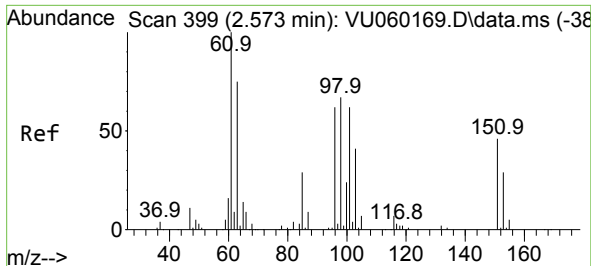
Tgt Ion: 64 Resp: 54737
Ion Ratio Lower Upper
64 100
66 33.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 46.399 ug/L
RT: 2.132 min Scan# 262
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 101 Resp: 109750
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5

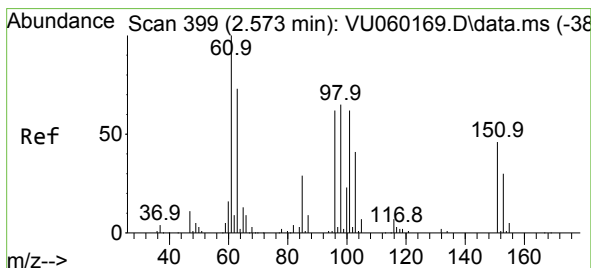
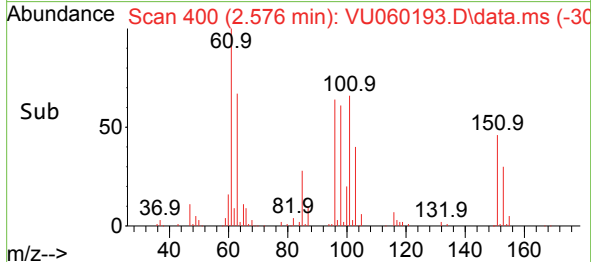
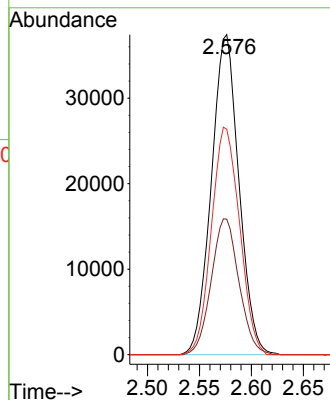
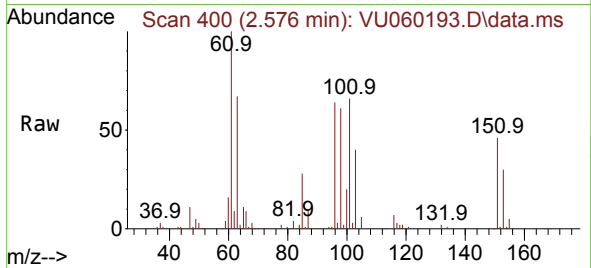




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 45.930 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

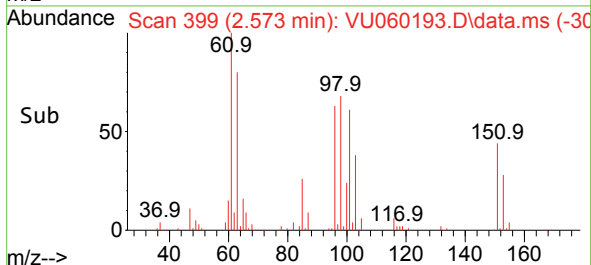
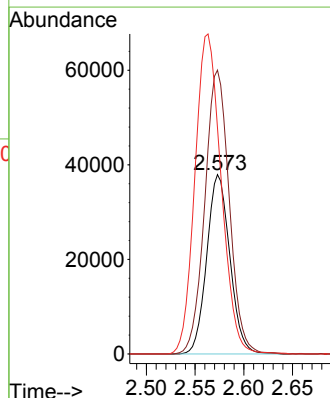
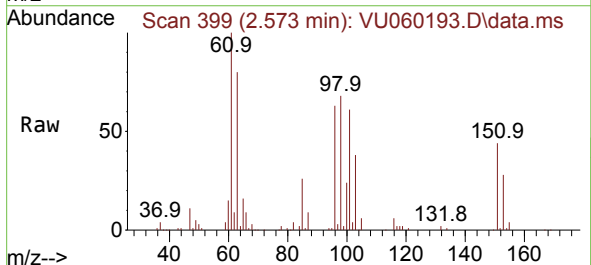
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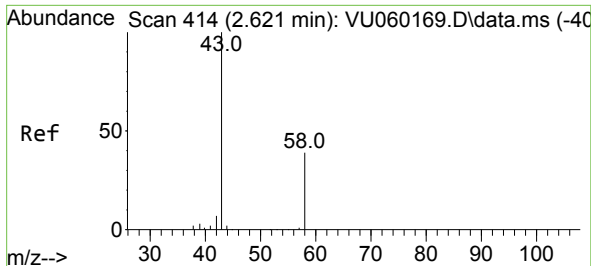
Tgt Ion:101 Resp: 69154
Ion Ratio Lower Upper
101 100
85 42.6 34.8 52.2
151 72.5 62.3 93.5



#12
1,1-Dichloroethene
Concen: 44.361 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 96 Resp: 62465
Ion Ratio Lower Upper
96 100
61 158.4 112.2 208.4
63 126.2 87.4 162.2





#13

Acetone

Concen: 77.859 ug/L

RT: 2.628 min Scan# 414

Delta R.T. 0.006 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

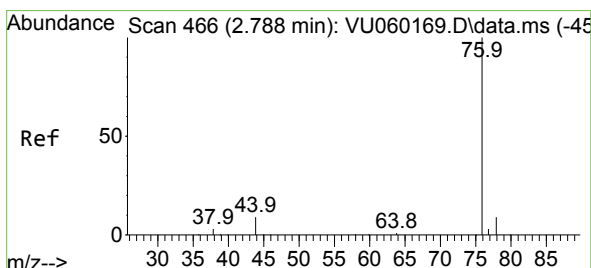
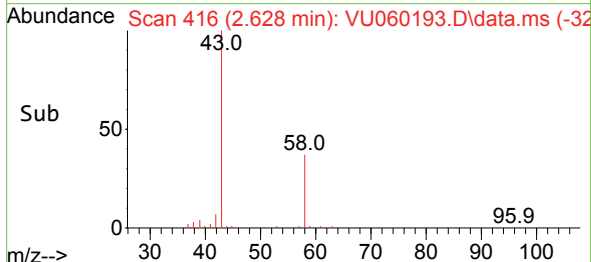
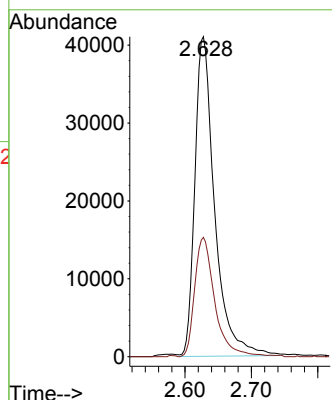
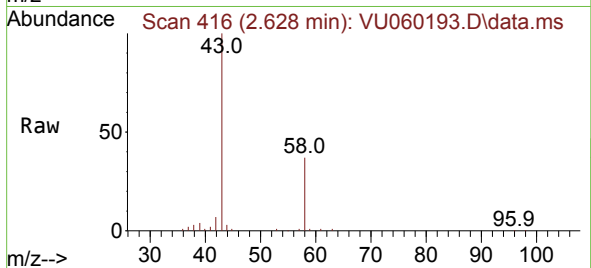
ClientSampleId :

Tgt Ion: 43 Resp: 84958

Ion Ratio Lower Upper

43 100

58 37.7 0.0 73.8



#14

Carbon disulfide

Concen: 38.994 ug/L

RT: 2.788 min Scan# 466

Delta R.T. -0.000 min

Lab File: VU060193.D

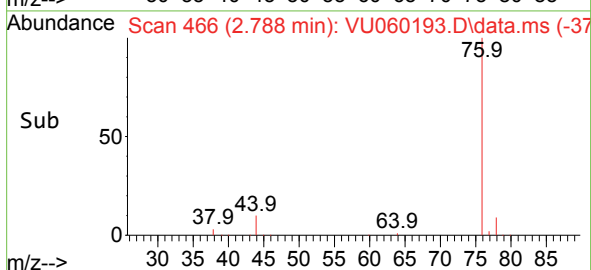
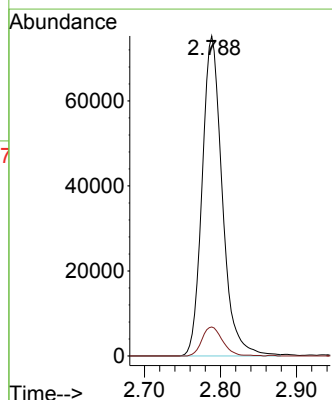
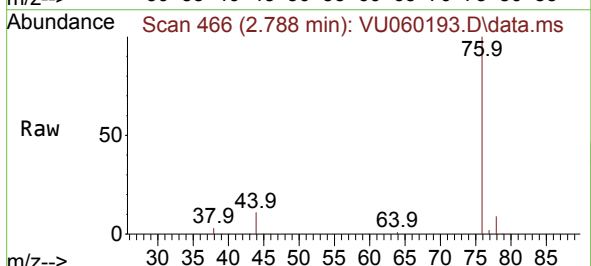
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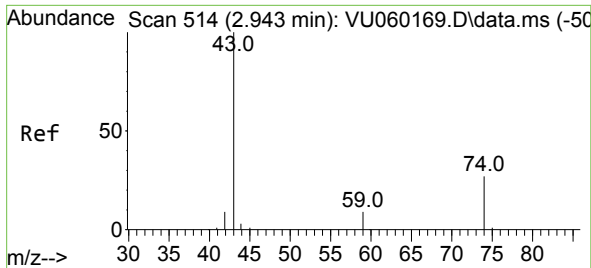
Tgt Ion: 76 Resp: 138581

Ion Ratio Lower Upper

76 100

78 9.0 7.0 10.4

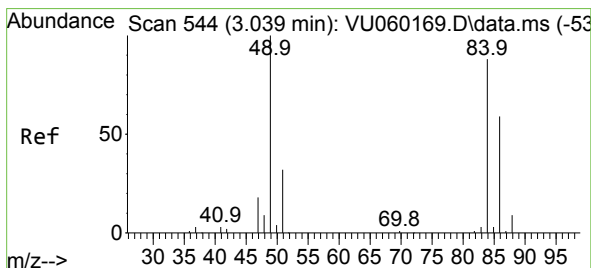
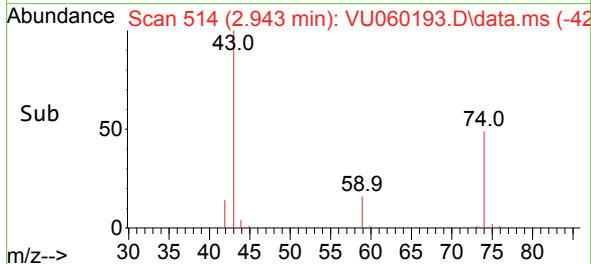
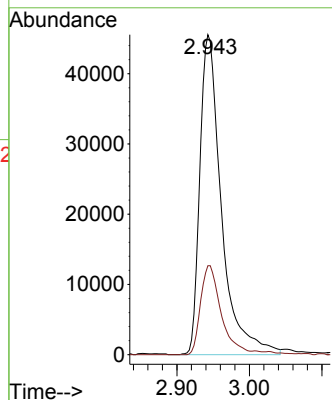
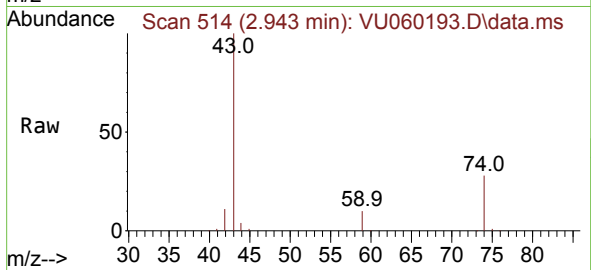




#15
Methyl Acetate
Concen: 57.260 ug/L
RT: 2.943 min Scan# 514
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

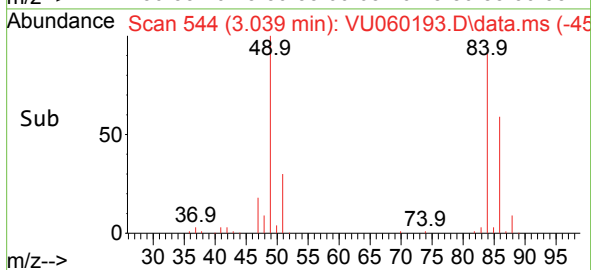
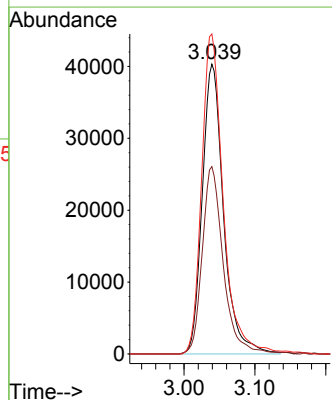
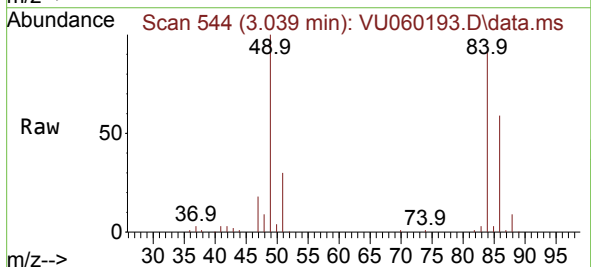
Instrument :
MSVOA_U
ClientSampleId :

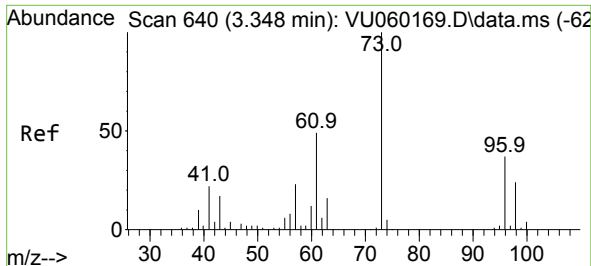
Tgt Ion: 43 Resp: 94200
Ion Ratio Lower Upper
43 100
74 26.4 24.1 36.1



#16
Methylene chloride
Concen: 47.321 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

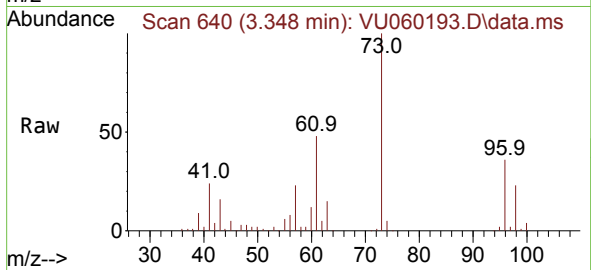
Tgt Ion: 84 Resp: 84023
Ion Ratio Lower Upper
84 100
86 64.7 44.7 83.1
49 110.4 71.6 133.0





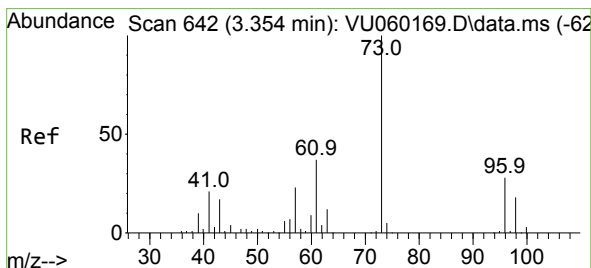
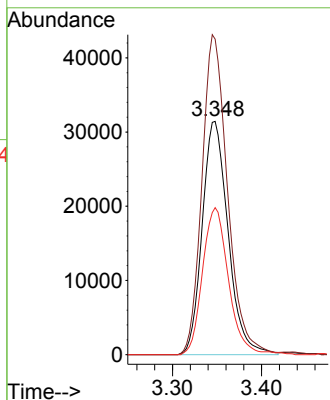
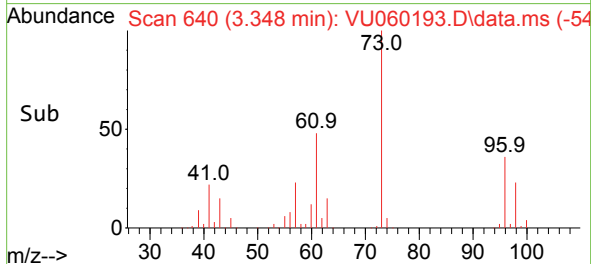
#17
 trans-1,2-Dichloroethene
 Concen: 43.847 ug/L
 RT: 3.348 min Scan# 640
 Delta R.T. -0.000 min
 Lab File: VU060193.D
 Acq: 25 Jul 2024 23:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 63562

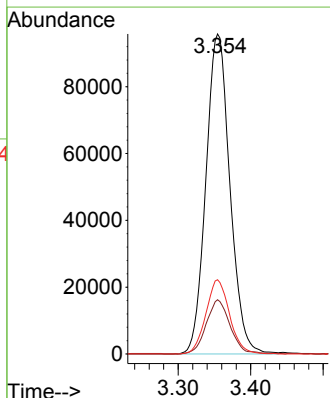
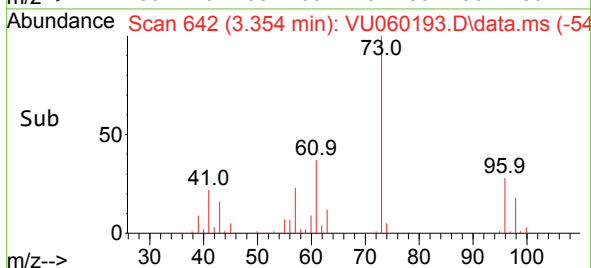
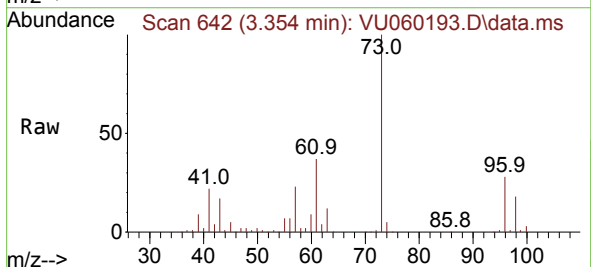
Ion	Ratio	Lower	Upper
96	100		
61	135.2	90.6	168.3
98	63.0	44.9	83.3

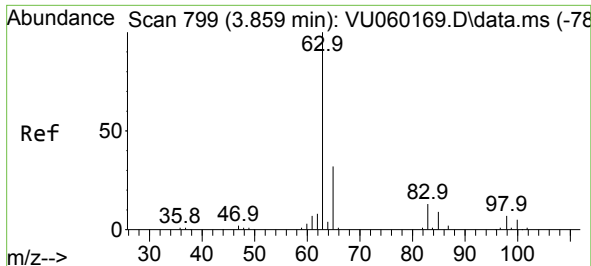


#18
 Methyl tert-butyl Ether
 Concen: 46.887 ug/L
 RT: 3.354 min Scan# 642
 Delta R.T. -0.000 min
 Lab File: VU060193.D
 Acq: 25 Jul 2024 23:51

Tgt Ion: 73 Resp: 220760

Ion	Ratio	Lower	Upper
73	100		
43	16.9	14.1	21.1
57	22.8	17.1	25.7

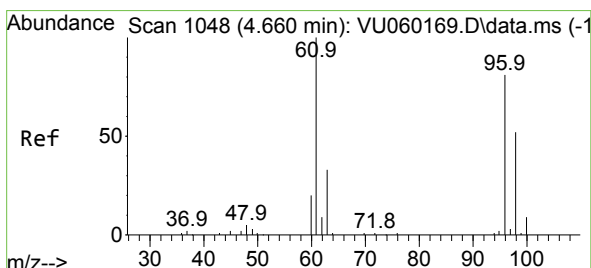
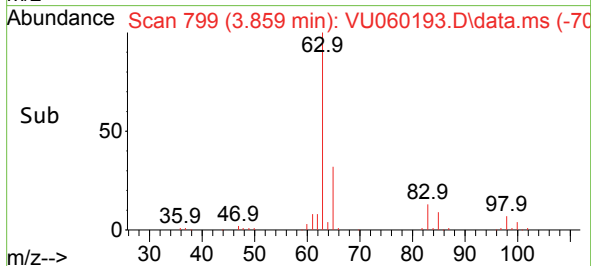
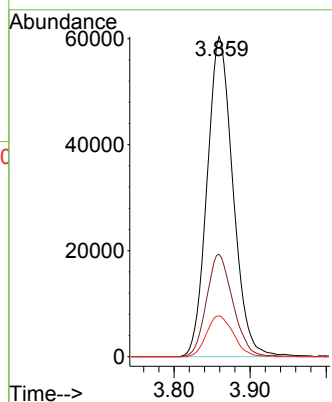
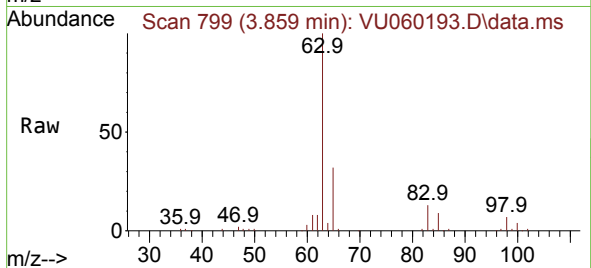




#19
1,1-Dichloroethane
Concen: 51.840 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

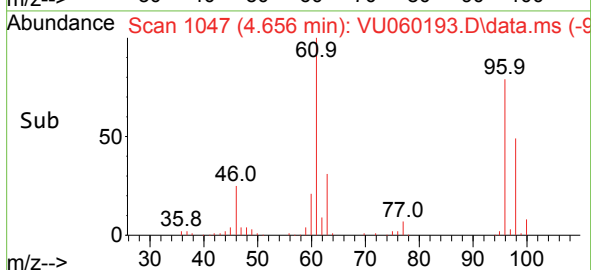
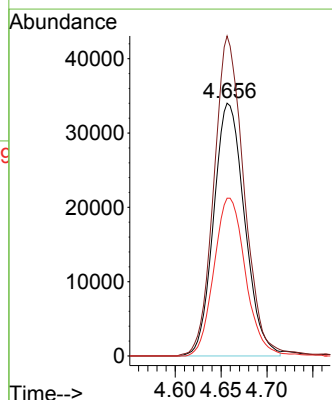
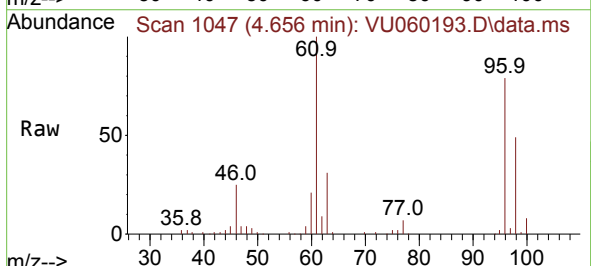
Instrument :
MSVOA_U
ClientSampleId :

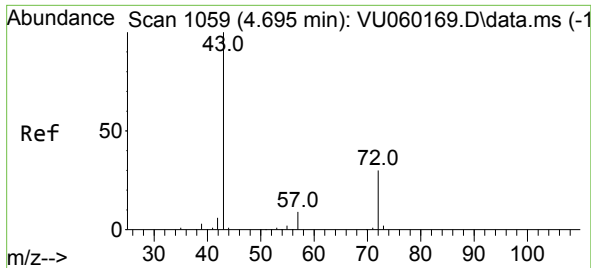
Tgt Ion: 63 Resp: 142530
Ion Ratio Lower Upper
63 100
65 32.0 23.3 43.3
83 12.7 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 45.505 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 96 Resp: 79877
Ion Ratio Lower Upper
96 100
61 126.6 83.2 154.4
98 62.4 45.9 85.3





#22

2-Butanone

Concen: 95.460 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

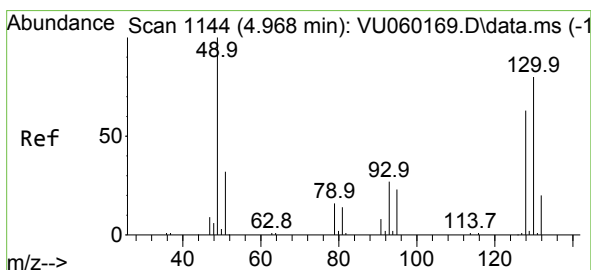
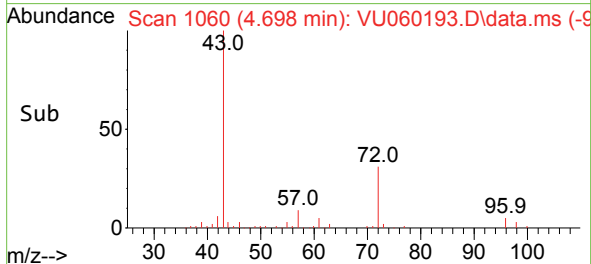
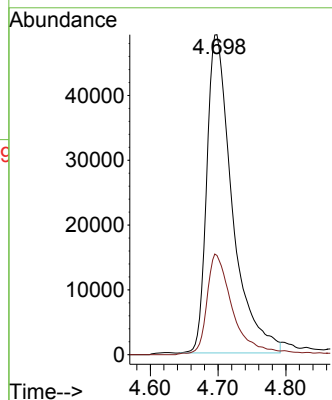
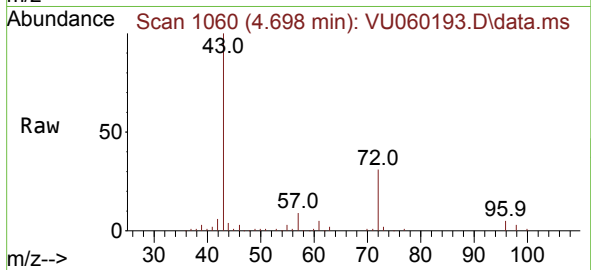
ClientSampleId :

Tgt Ion: 43 Resp: 128155

Ion Ratio Lower Upper

43 100

72 30.0 16.4 49.2



#23

Bromochloromethane

Concen: 45.380 ug/L

RT: 4.968 min Scan# 1144

Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Tgt Ion:128 Resp: 42017

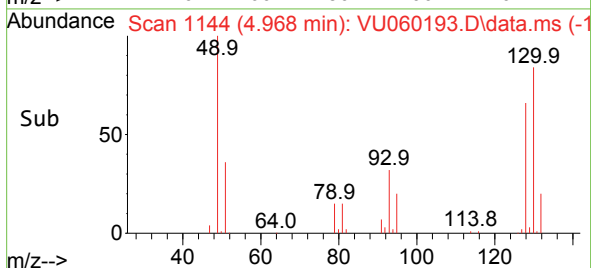
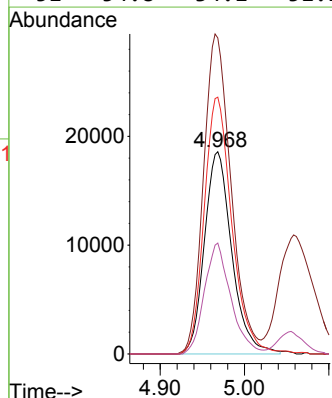
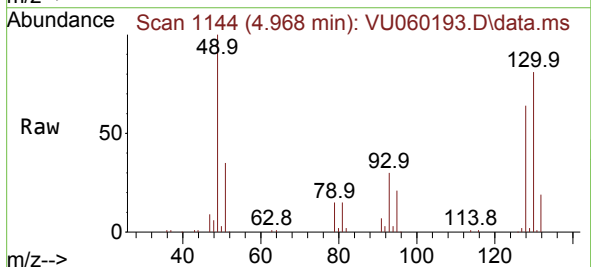
Ion Ratio Lower Upper

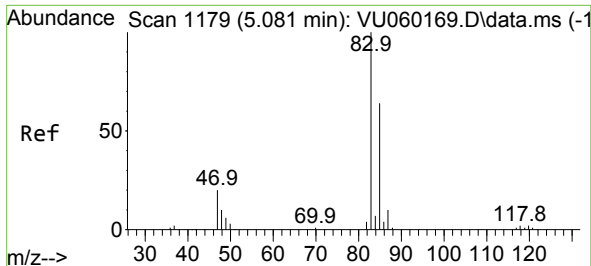
128 100

49 156.2 96.7 179.7

130 126.9 86.3 160.3

51 54.8 34.1 51.1#





#25

Chloroform

Concen: 51.029 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

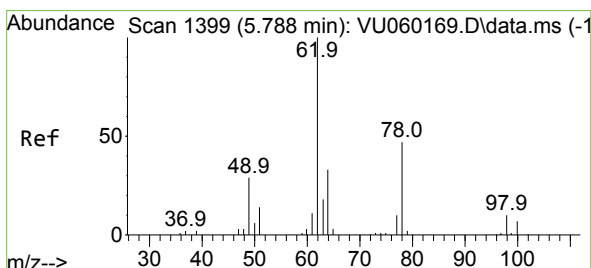
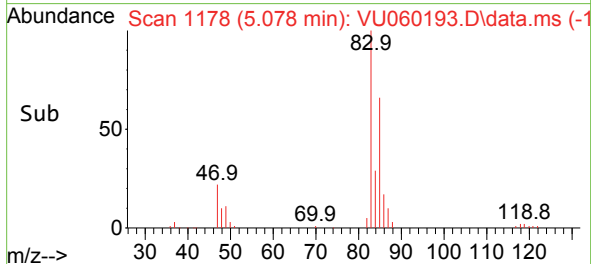
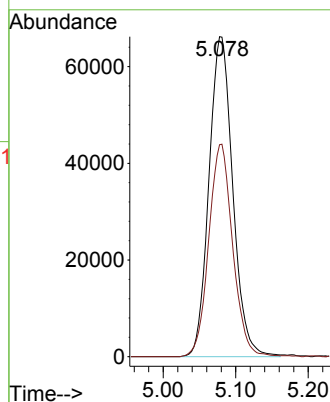
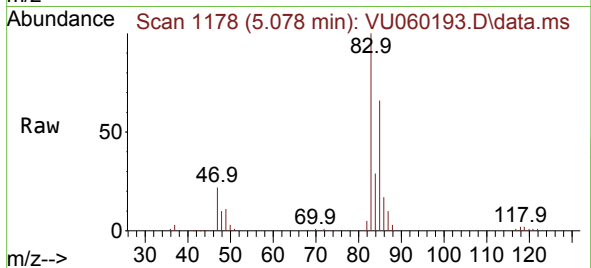
ClientSampleId :

Tgt Ion: 83 Resp: 150975

Ion Ratio Lower Upper

83 100

85 66.3 46.7 86.7



#27

1,2-Dichloroethane

Concen: 47.453 ug/L

RT: 5.785 min Scan# 1398

Delta R.T. -0.003 min

Lab File: VU060193.D

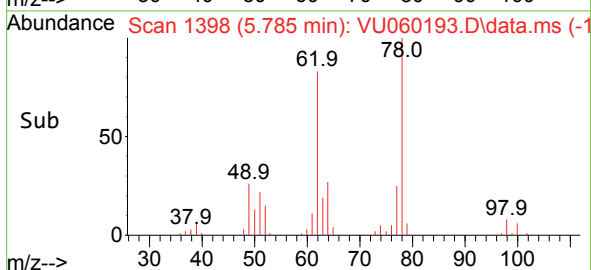
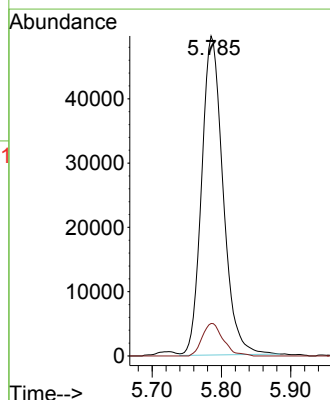
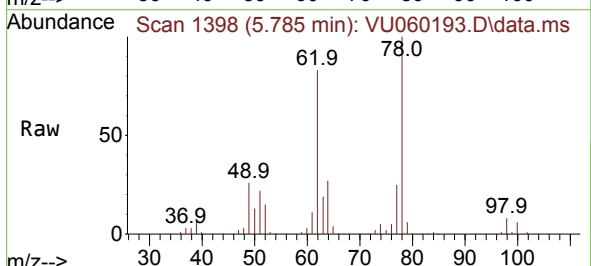
Acq: 25 Jul 2024 23:51

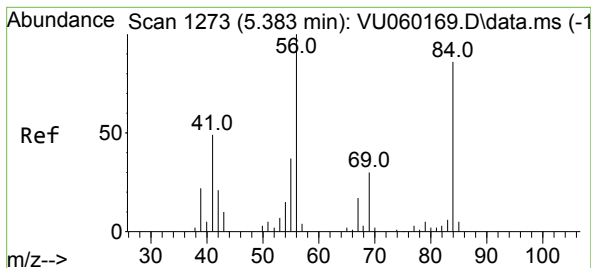
Tgt Ion: 62 Resp: 106582

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

Cyclohexane

Concen: 43.078 ug/L

RT: 5.380 min Scan# 1273

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

ClientSampleId :

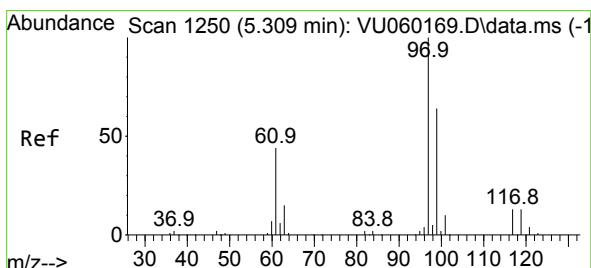
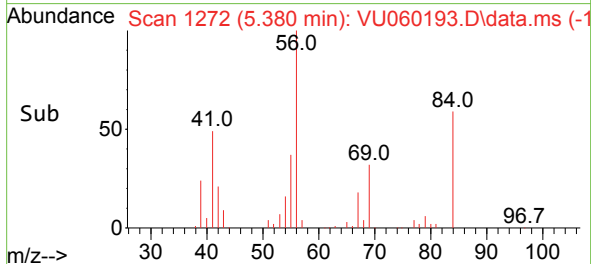
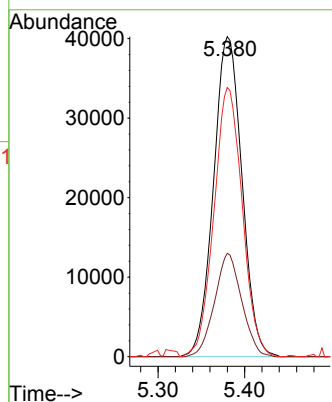
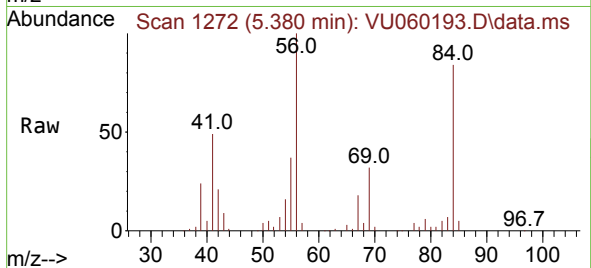
Tgt Ion: 56 Resp: 91810

Ion Ratio Lower Upper

56 100

69 30.8 26.0 39.0

84 83.7 75.5 113.3



#30

1,1,1-Trichloroethane

Concen: 47.144 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

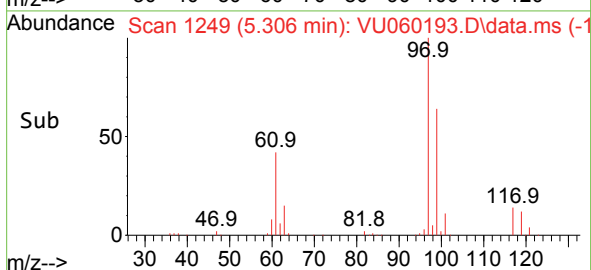
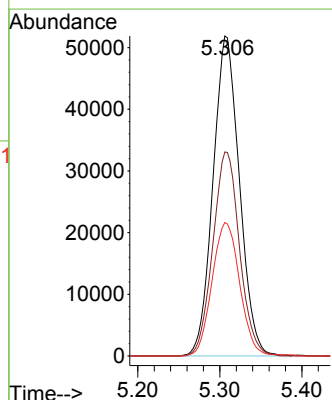
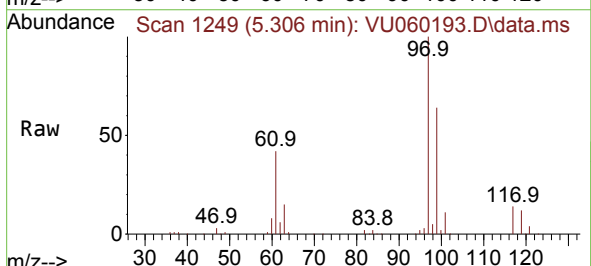
Tgt Ion: 97 Resp: 116247

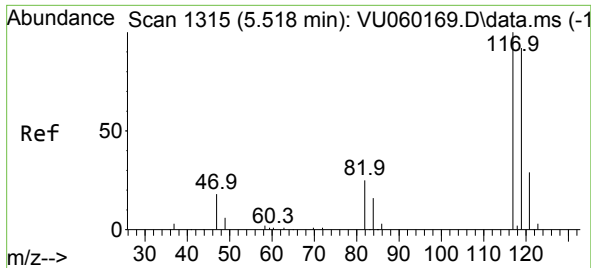
Ion Ratio Lower Upper

97 100

99 64.4 52.2 78.2

61 43.4 35.2 52.8

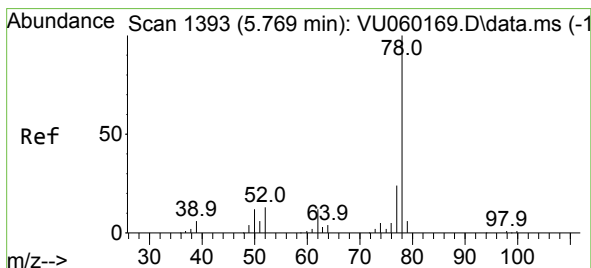
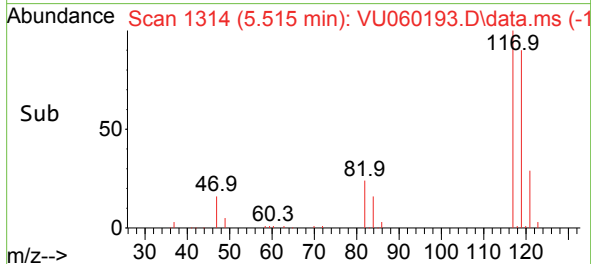
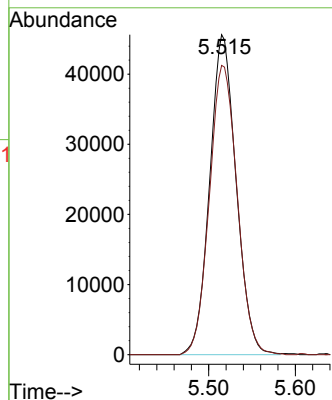
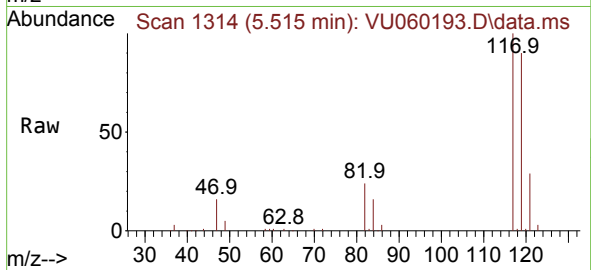




#31
Carbon tetrachloride
Concen: 47.499 ug/L
RT: 5.515 min Scan# 111
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

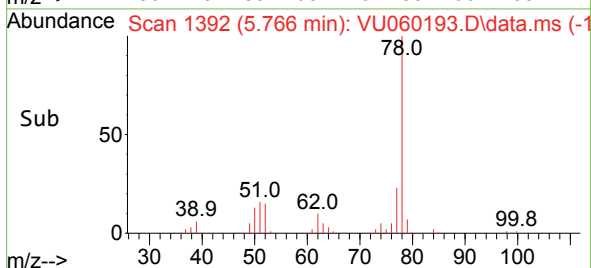
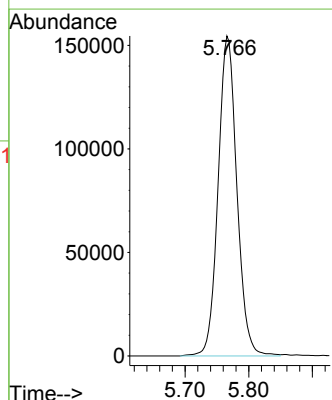
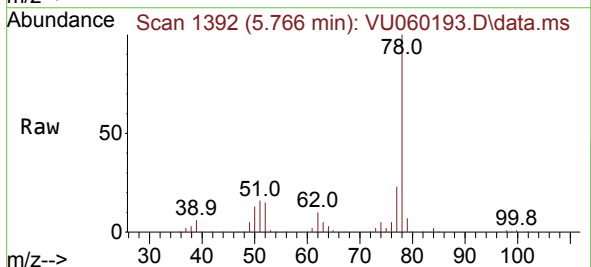
Instrument :
MSVOA_U
ClientSampleId :

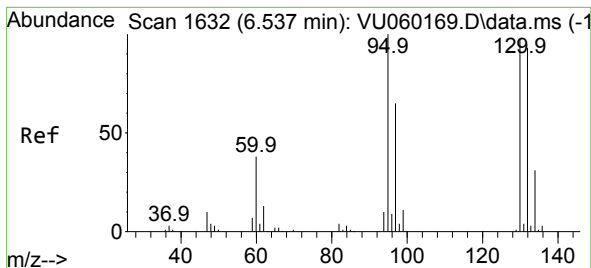
Tgt Ion:117 Resp: 96748
Ion Ratio Lower Upper
117 100
119 95.0 77.6 116.4



#33
Benzene
Concen: 49.354 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 78 Resp: 317225





#34

Trichloroethene

Concen: 47.228 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 81007

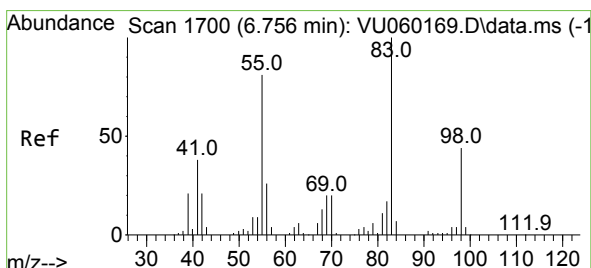
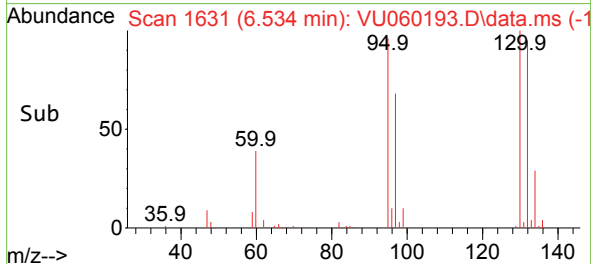
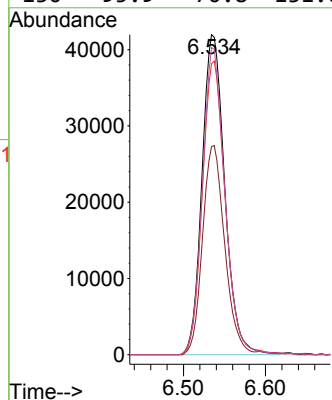
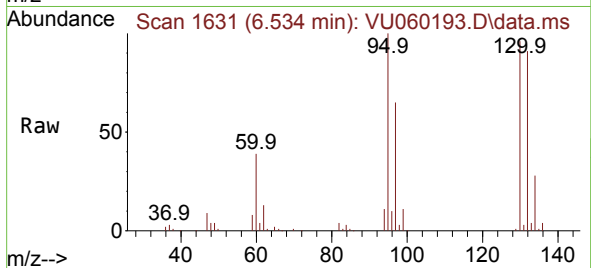
Ion Ratio Lower Upper

95 100

97 65.1 45.8 85.2

132 91.0 69.8 129.6

130 95.9 70.8 131.6



#35

Methylcyclohexane

Concen: 38.921 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

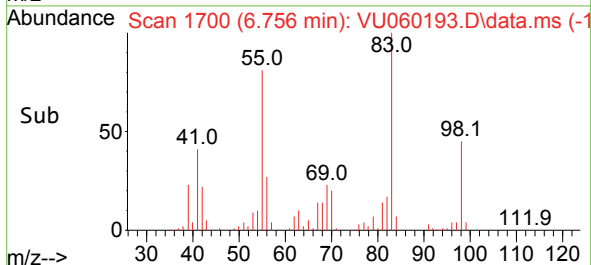
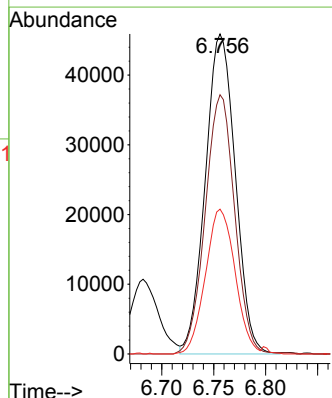
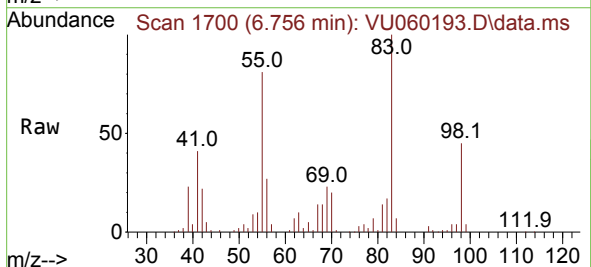
Tgt Ion: 83 Resp: 92198

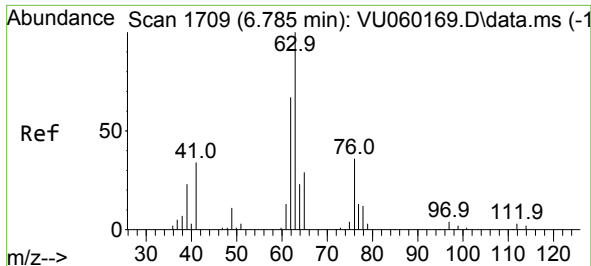
Ion Ratio Lower Upper

83 100

55 79.4 56.8 85.2

98 44.7 36.5 54.7





#37

1,2-Dichloropropane

Concen: 53.519 ug/L

RT: 6.782 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

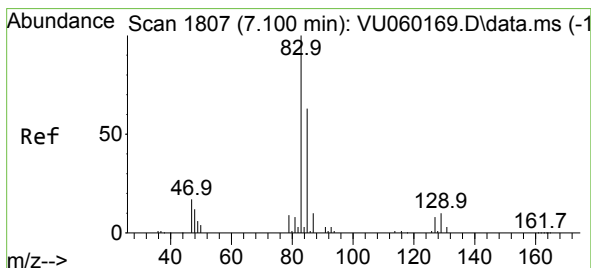
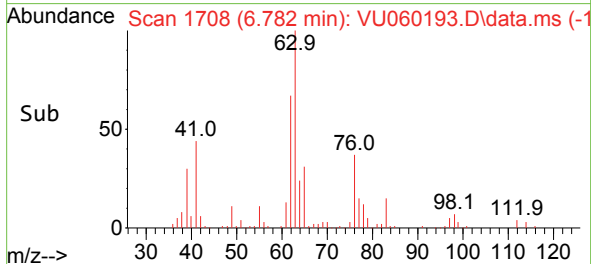
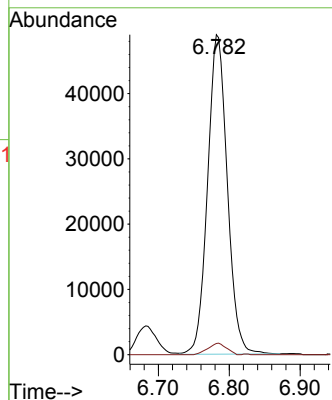
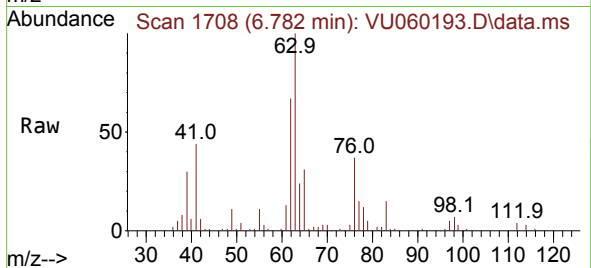
ClientSampleId :

Tgt Ion: 63 Resp: 94684

Ion Ratio Lower Upper

63 100

112 3.4 3.0 4.6



#38

Bromodichloromethane

Concen: 50.701 ug/L

RT: 7.097 min Scan# 1806

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

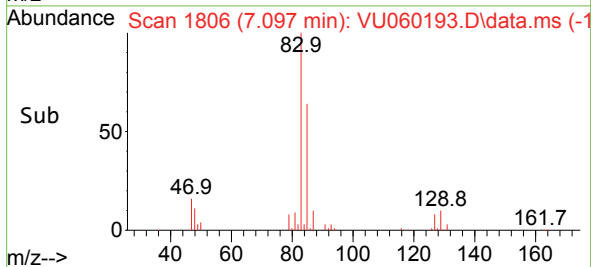
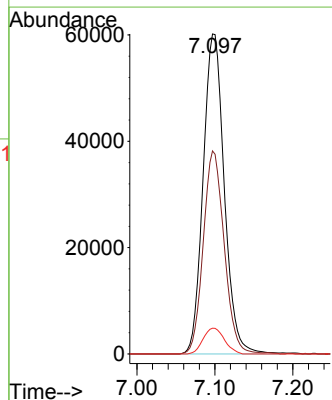
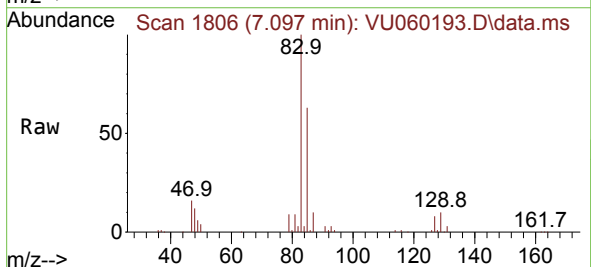
Tgt Ion: 83 Resp: 113653

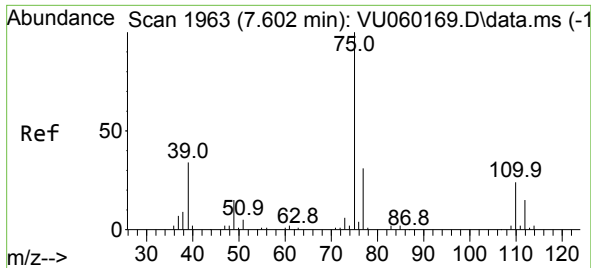
Ion Ratio Lower Upper

83 100

85 63.5 45.0 83.6

127 8.9 7.4 11.2





#39

cis-1,3-Dichloropropene

Concen: 44.466 ug/L

RT: 7.602 min Scan# 1963

Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

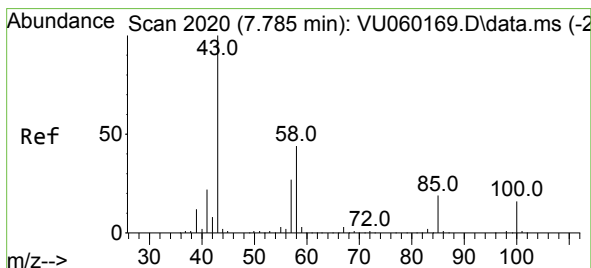
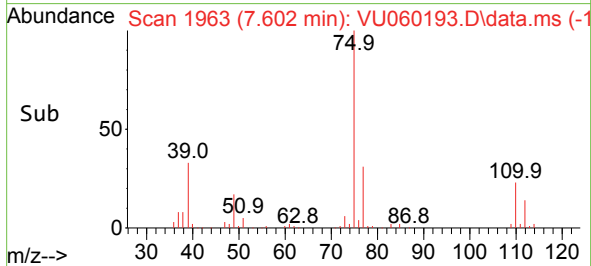
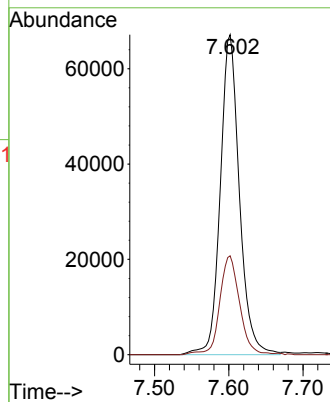
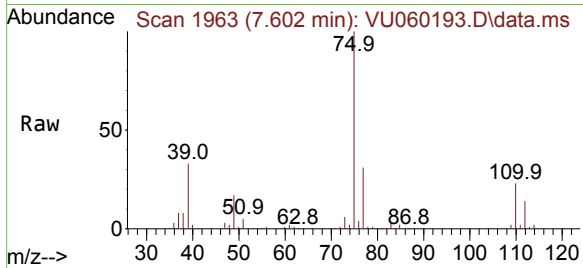
ClientSampleId :

Tgt Ion: 75 Resp: 120360

Ion Ratio Lower Upper

75 100

77 30.9 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 110.717 ug/L

RT: 7.782 min Scan# 2019

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

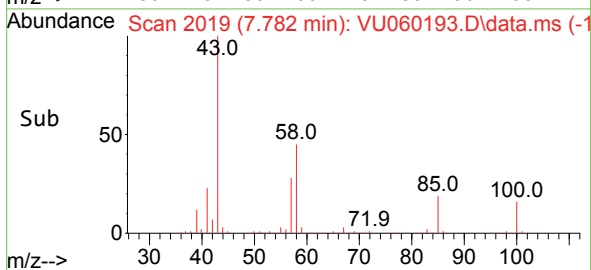
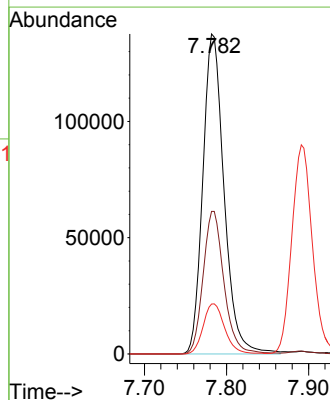
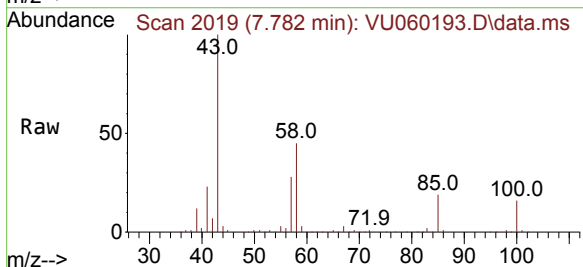
Tgt Ion: 43 Resp: 247569

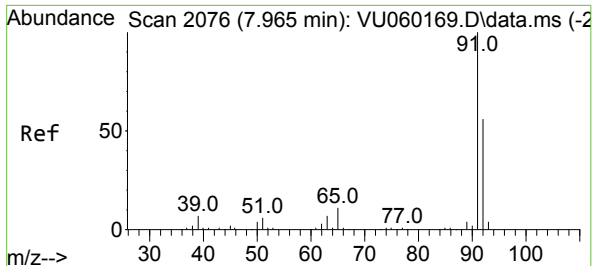
Ion Ratio Lower Upper

43 100

58 43.7 35.3 52.9

100 15.9 14.6 22.0





#42

Toluene

Concen: 47.710 ug/L

RT: 7.962 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

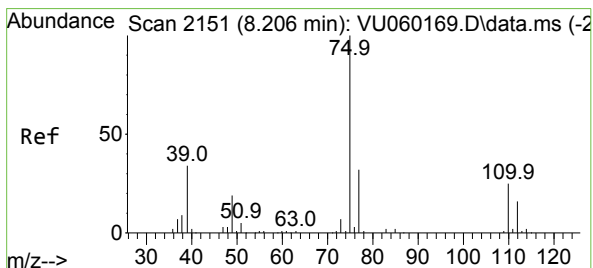
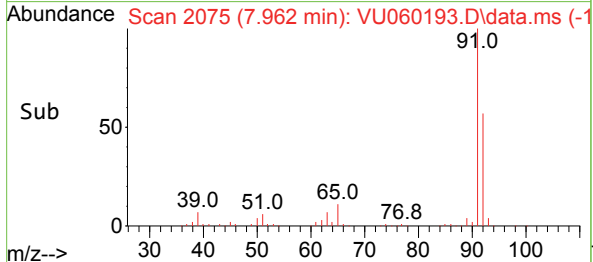
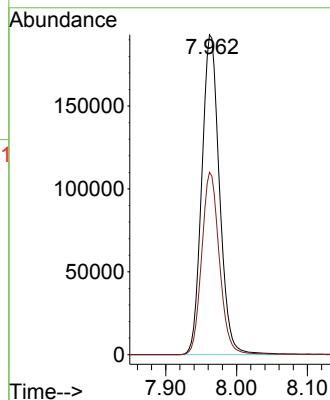
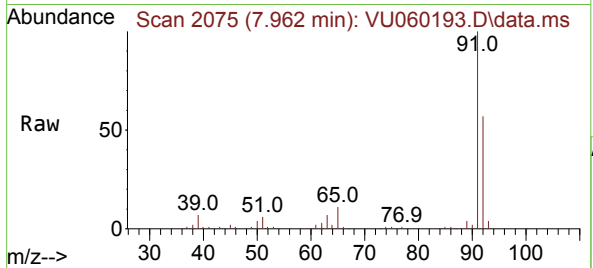
ClientSampleId :

Tgt Ion: 91 Resp: 334771

Ion Ratio Lower Upper

91 100

92 57.0 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 45.509 ug/L

RT: 8.203 min Scan# 2150

Delta R.T. -0.003 min

Lab File: VU060193.D

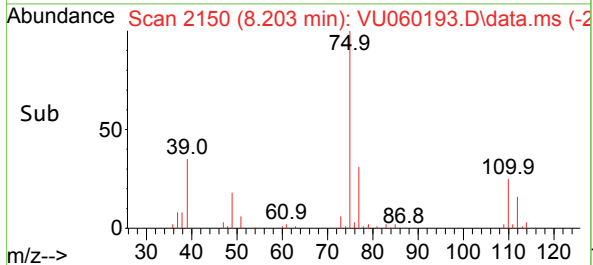
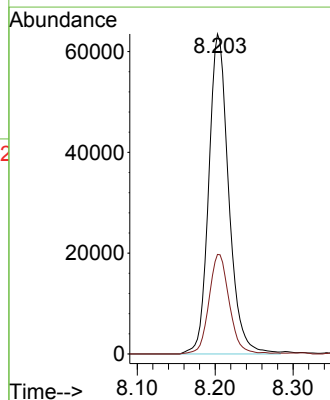
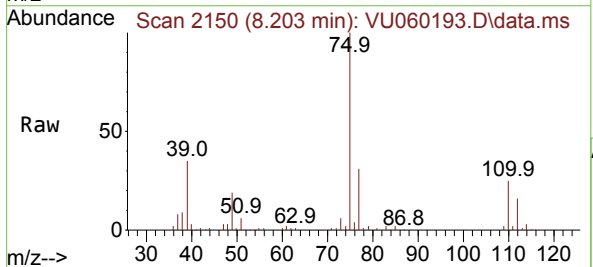
Acq: 25 Jul 2024 23:51

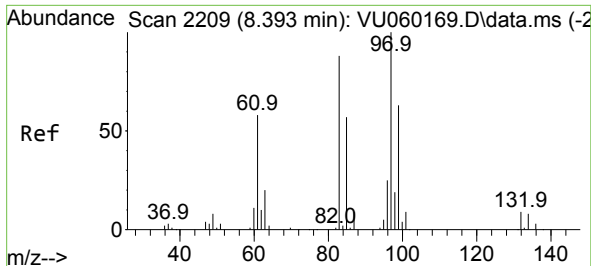
Tgt Ion: 75 Resp: 113152

Ion Ratio Lower Upper

75 100

77 31.1 21.7 40.3

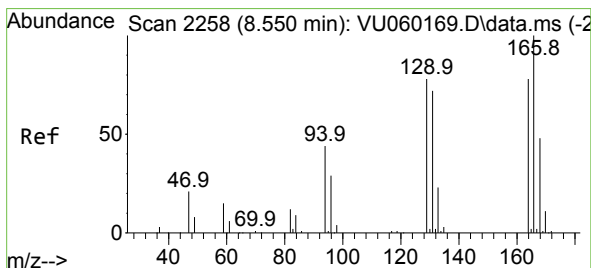
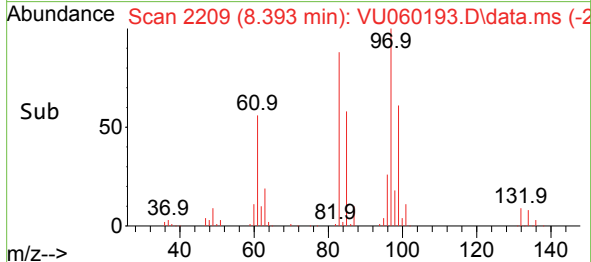
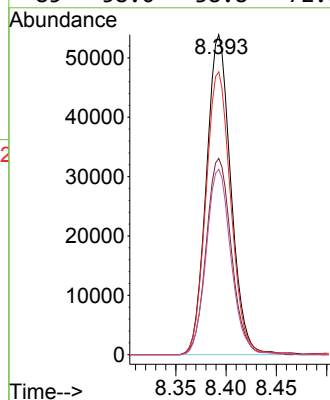
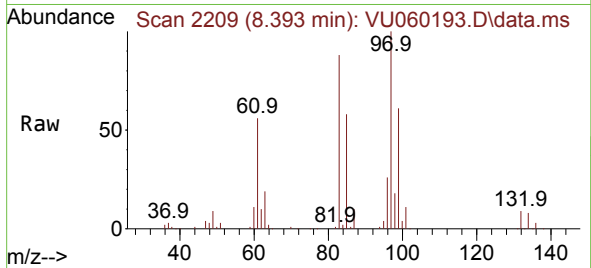




#45
1,1,2-Trichloroethane
Concen: 49.238 ug/L
RT: 8.393 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

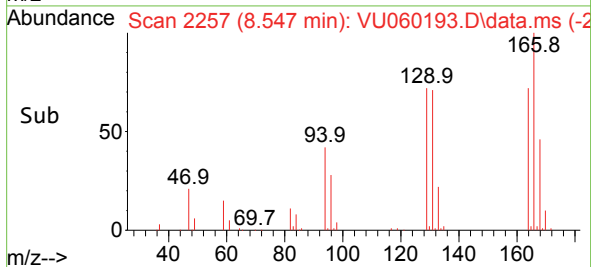
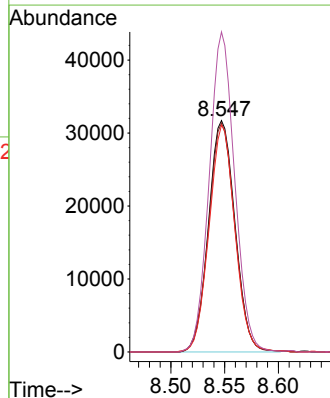
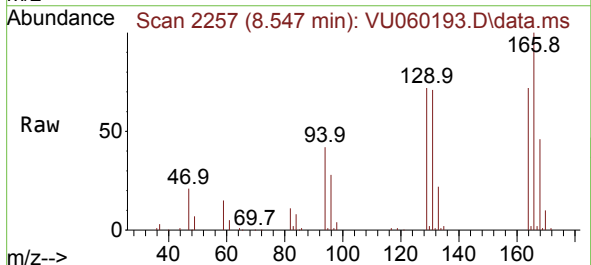
Instrument :
MSVOA_U
ClientSampleId :

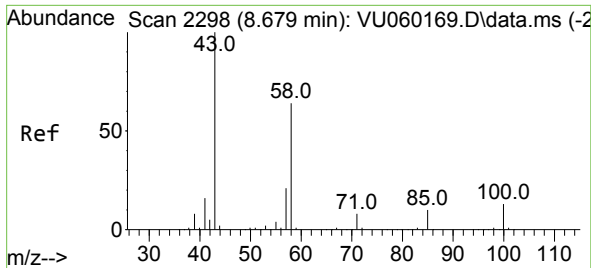
Tgt Ion:	97	Resp:	91228
Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.1	80.1
83	88.4	60.4	112.2
85	58.0	38.8	72.0



#46
Tetrachloroethene
Concen: 38.525 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:	164	Resp:	54360
Ion	Ratio	Lower	Upper
164	100		
129	98.9	62.7	116.5
131	98.0	62.3	115.7
166	138.3	88.9	165.1

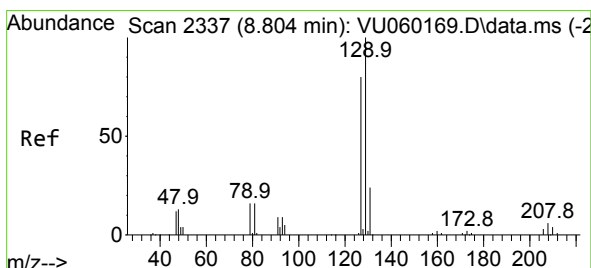
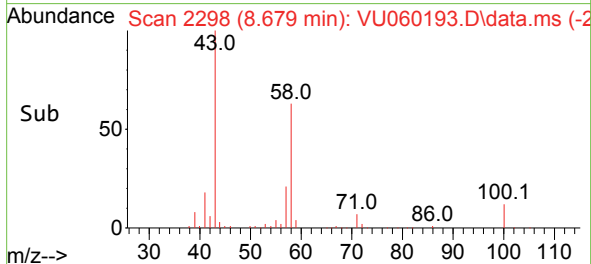
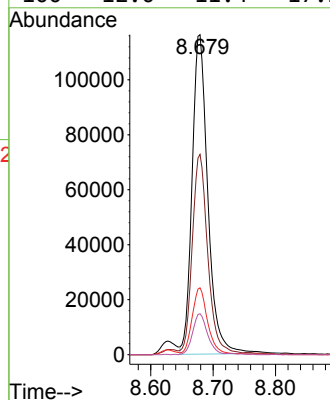
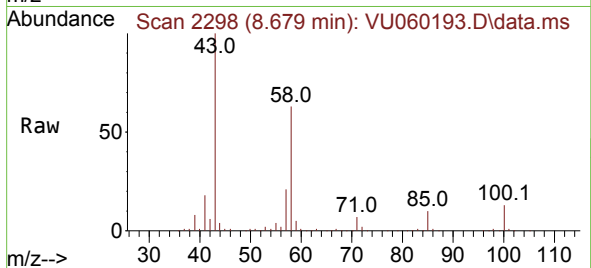




#48
2-Hexanone
Concen: 109.078 ug/L
RT: 8.679 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

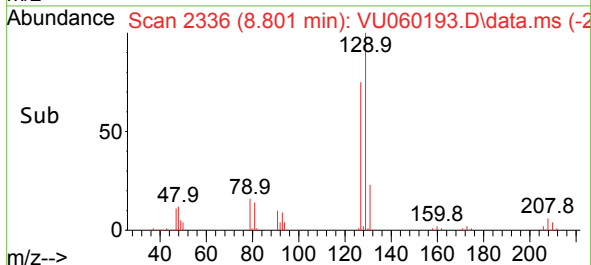
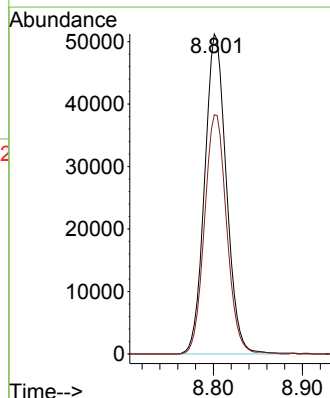
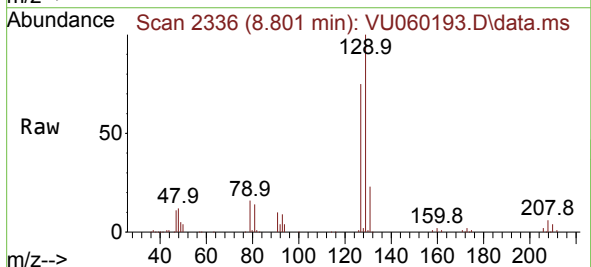
Instrument :
MSVOA_U
ClientSampleId :

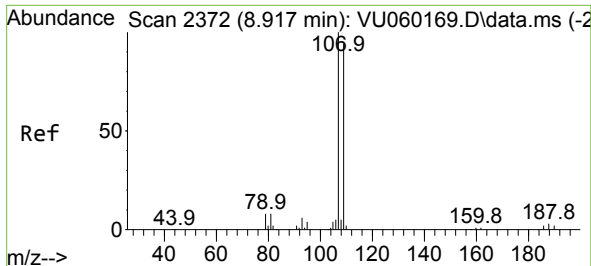
Tgt Ion:	43	Resp:	204129
Ion	Ratio	Lower	Upper
43	100		
58	60.5	49.0	73.6
57	20.0	16.7	25.1
100	12.0	11.4	17.2



#49
Dibromochloromethane
Concen: 47.438 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:	129	Resp:	86601
Ion	Ratio	Lower	Upper
129	100		
127	74.8	54.0	100.2





#50

1,2-Dibromoethane

Concen: 47.452 ug/L

RT: 8.917 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU060193.D

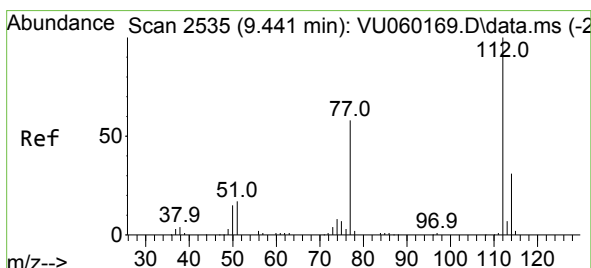
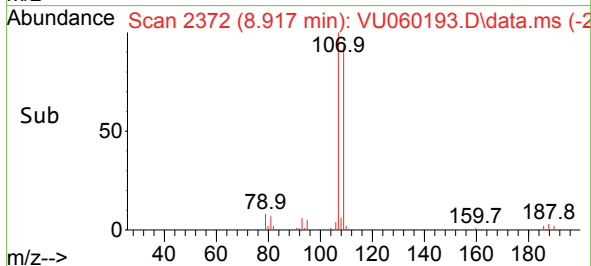
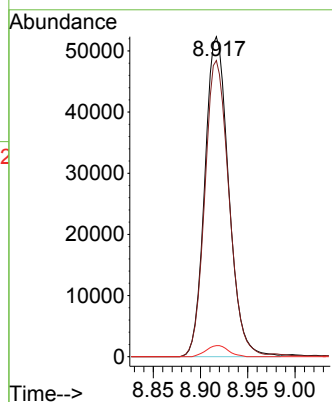
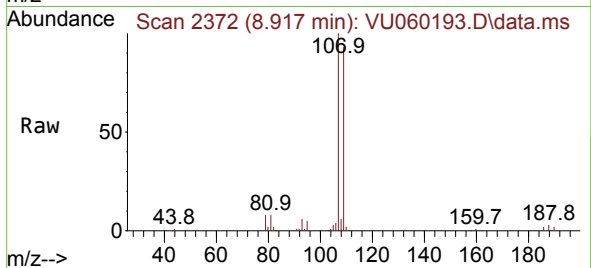
Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	91924
Ion Ratio	Lower	Upper
107	100	
109	92.6	65.5 121.6
188	3.4	3.0 4.4



#51

Chlorobenzene

Concen: 44.599 ug/L

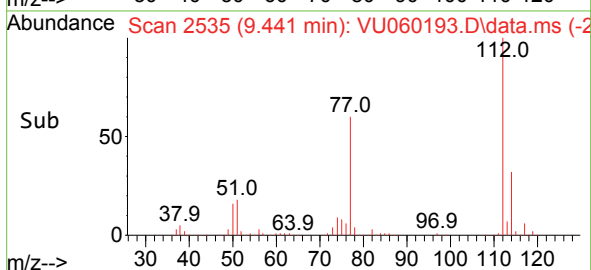
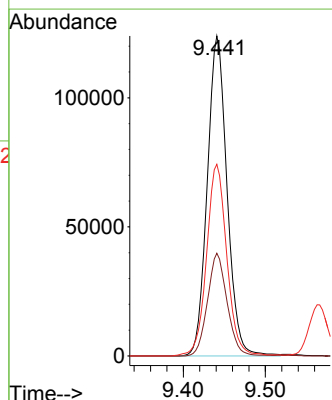
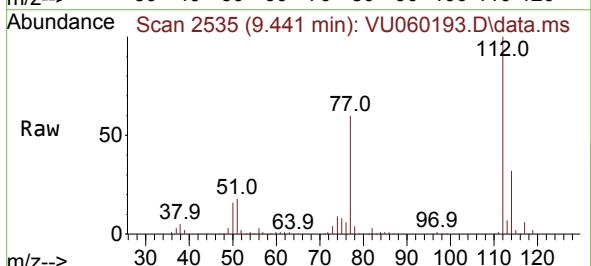
RT: 9.441 min Scan# 2535

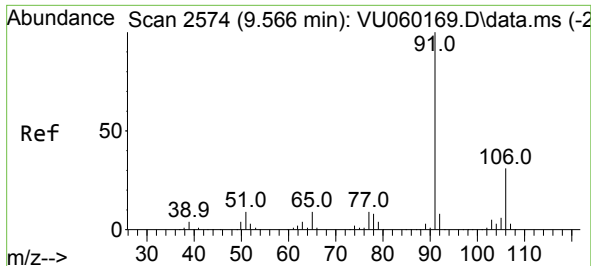
Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Tgt Ion:112	Resp:	207755
Ion Ratio	Lower	Upper
112	100	
114	32.1	22.7 42.3
77	59.9	45.8 68.6

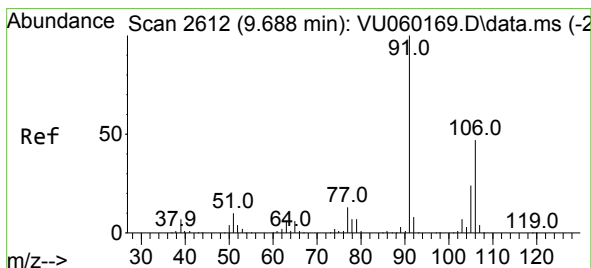
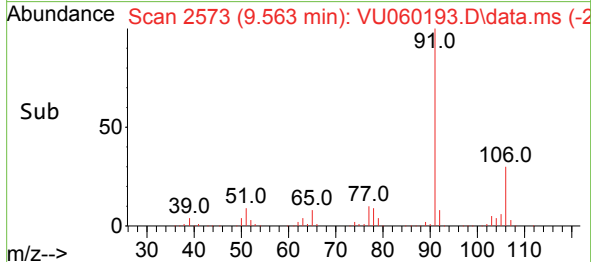
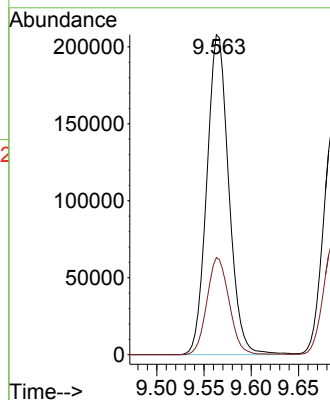
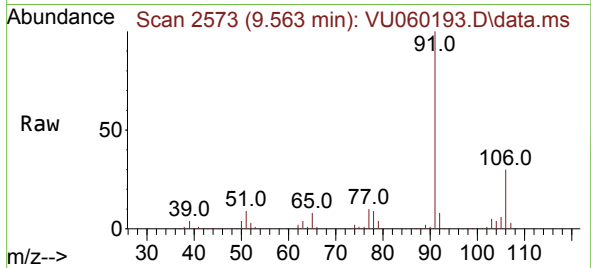




#52
Ethylbenzene
Concen: 44.807 ug/L
RT: 9.563 min Scan# 2574
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

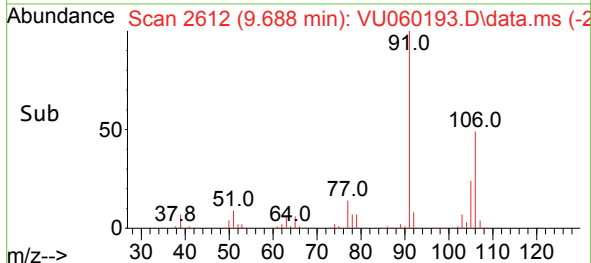
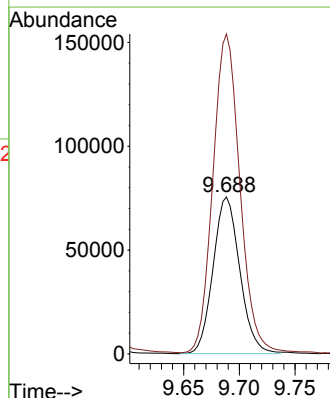
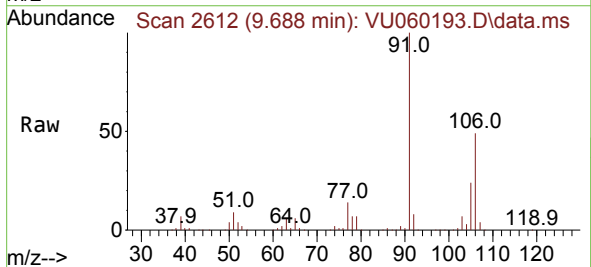
Instrument :
MSVOA_U
ClientSampleId :

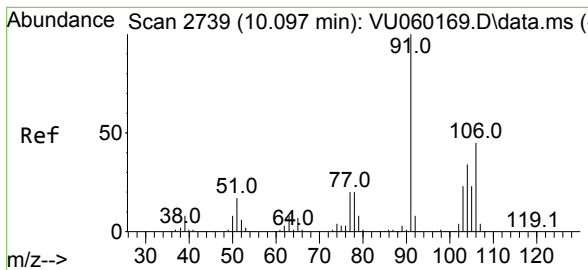
Tgt Ion: 91 Resp: 335751
Ion Ratio Lower Upper
91 100
106 30.4 22.4 41.6



#53
m,p-Xylene
Concen: 43.060 ug/L
RT: 9.688 min Scan# 2612
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:106 Resp: 125631
Ion Ratio Lower Upper
106 100
91 203.8 140.9 261.7

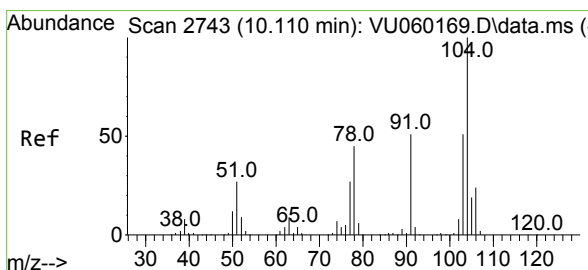
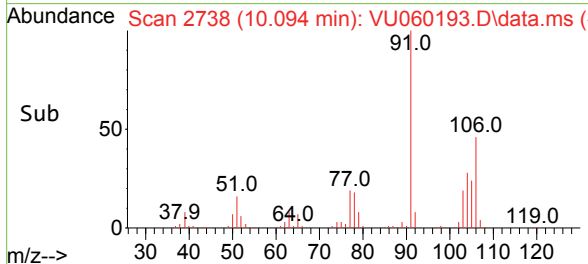
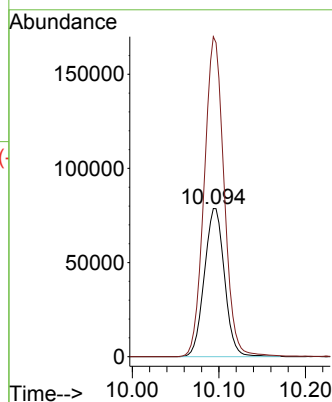
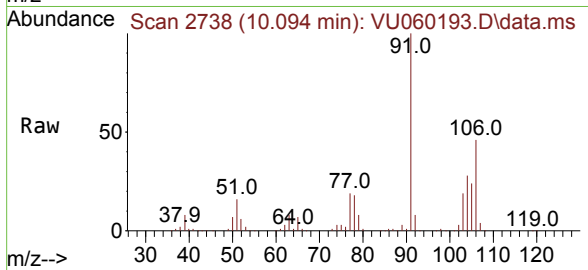




#54
o-Xylene
Concen: 45.372 ug/L
RT: 10.094 min Scan# 2738
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

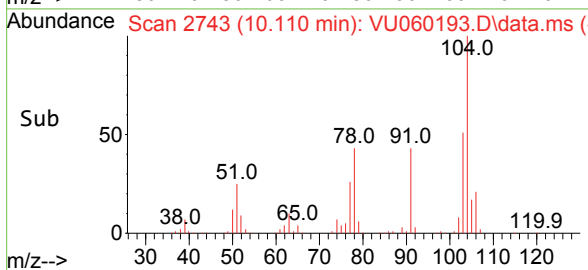
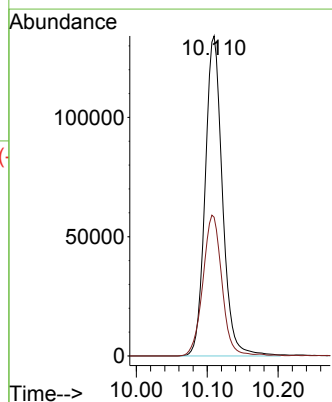
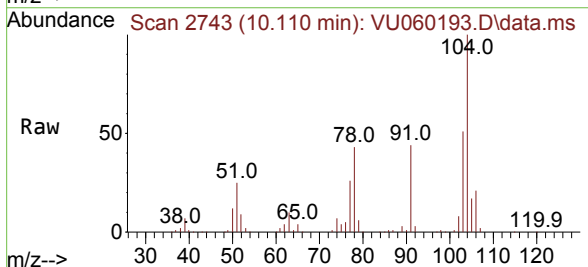
Instrument :
MSVOA_U
ClientSampleId :

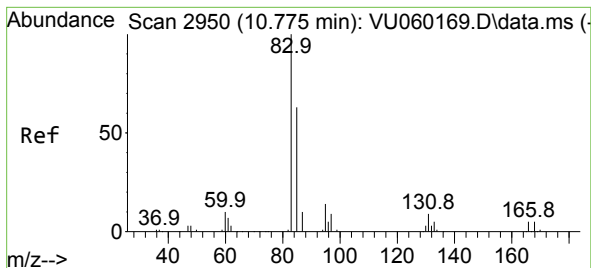
Tgt Ion:106 Resp: 127295
Ion Ratio Lower Upper
106 100
91 215.9 147.4 273.8



#55
Styrene
Concen: 48.091 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:104 Resp: 227628
Ion Ratio Lower Upper
104 100
78 43.4 30.9 57.5

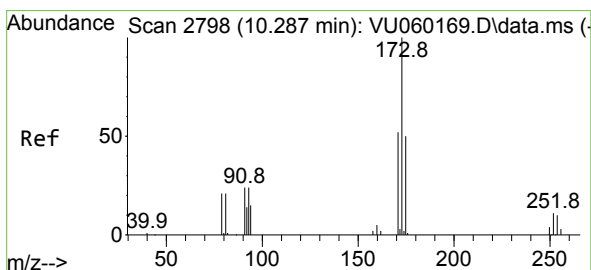
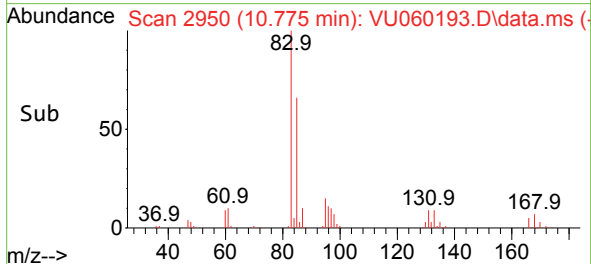
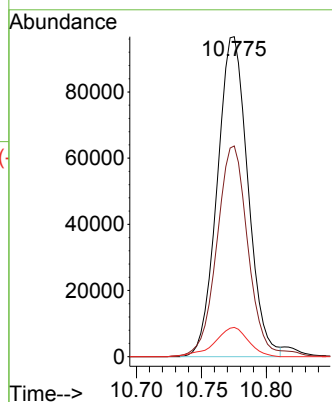
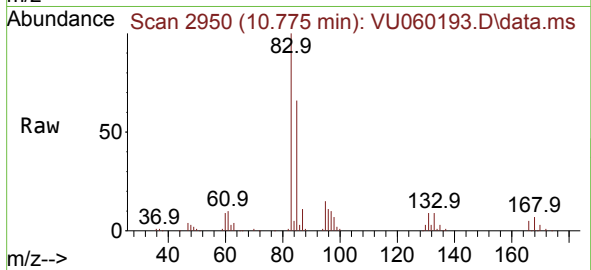




#57
1,1,2,2-Tetrachloroethane
Concen: 50.778 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

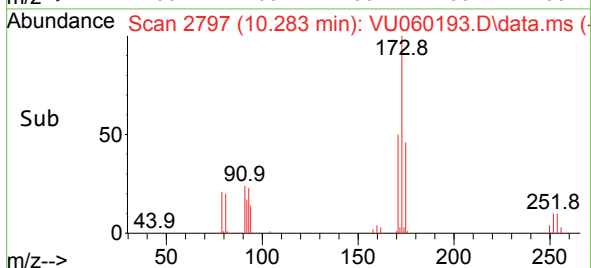
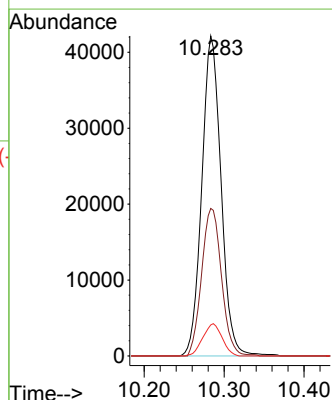
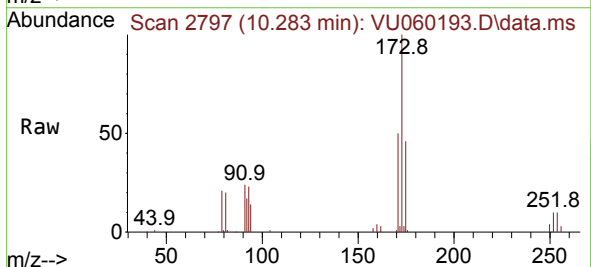
Instrument :
MSVOA_U
ClientSampleId :

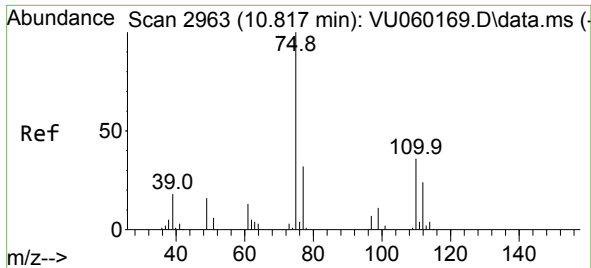
Tgt Ion: 83 Resp: 158659
Ion Ratio Lower Upper
83 100
85 65.9 45.4 84.2
131 9.1 7.5 11.3



#59
Bromoform
Concen: 49.903 ug/L
RT: 10.283 min Scan# 2797
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:173 Resp: 70783
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 10.1 9.0 13.4

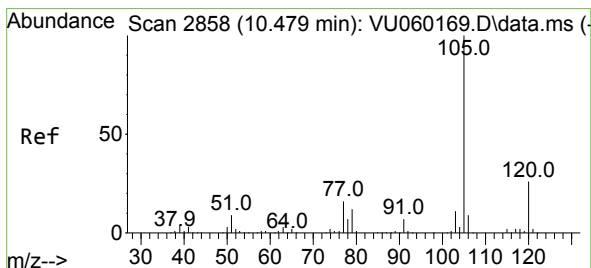
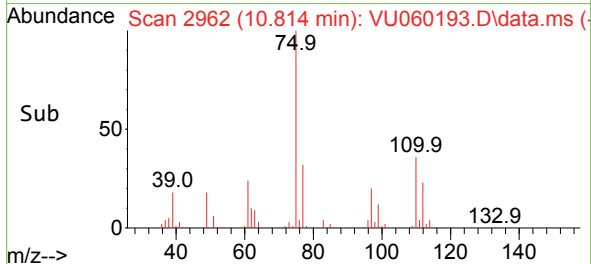
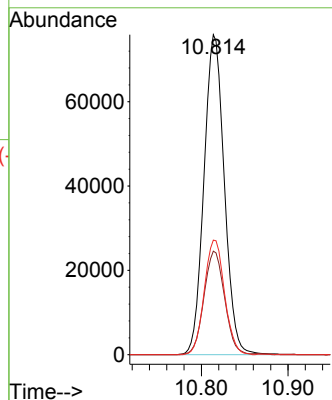
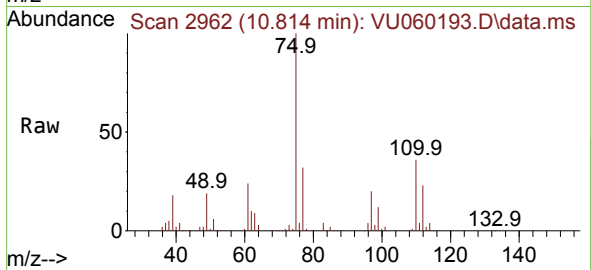




#60
1,2,3-Trichloropropane
Concen: 55.720 ug/L
RT: 10.814 min Scan# 2962
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

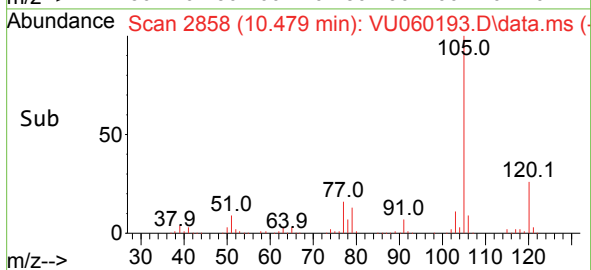
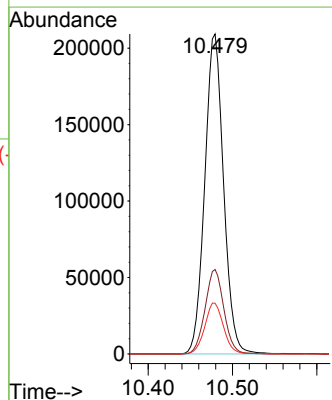
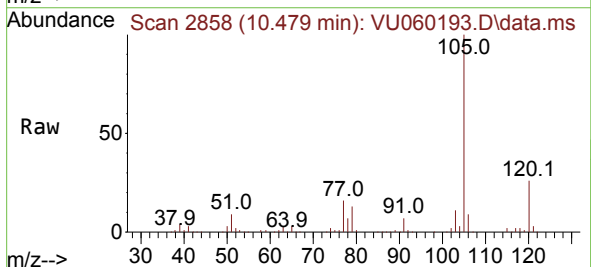
Instrument :
MSVOA_U
ClientSampleId :

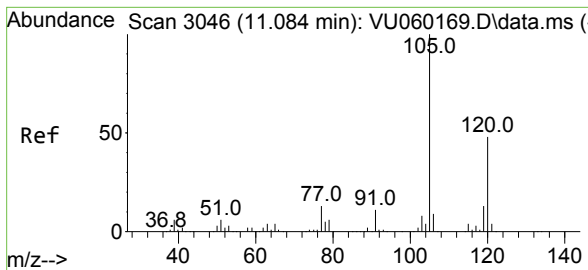
Tgt Ion: 75 Resp: 124052
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
110 35.6 30.7 46.1



#61
Isopropylbenzene
Concen: 47.607 ug/L
RT: 10.479 min Scan# 2858
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion: 105 Resp: 325546
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 15.9 12.1 18.1

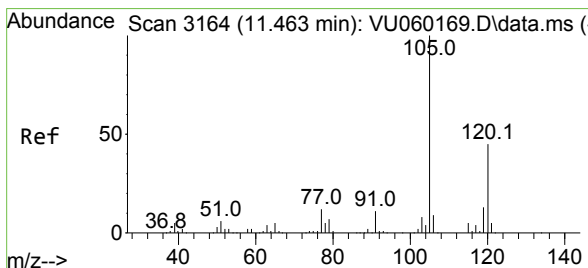
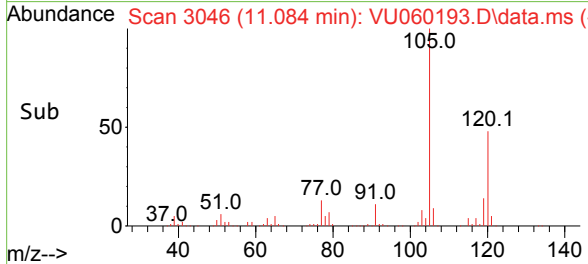
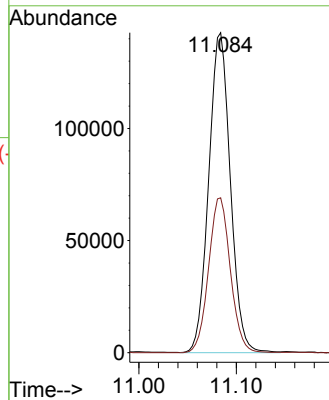
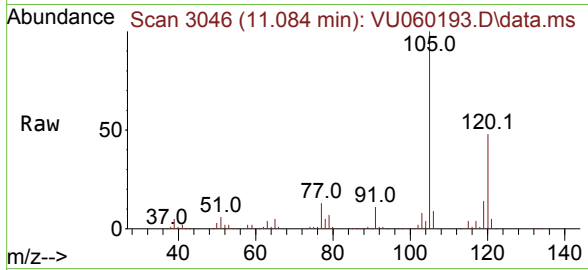




#62
1,3,5-Trimethylbenzene
Concen: 44.015 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

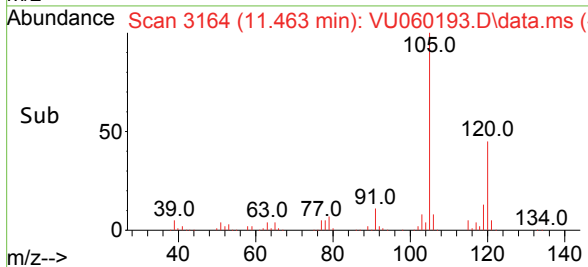
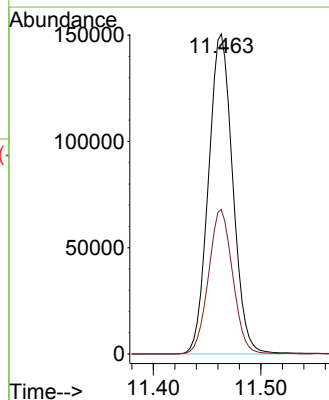
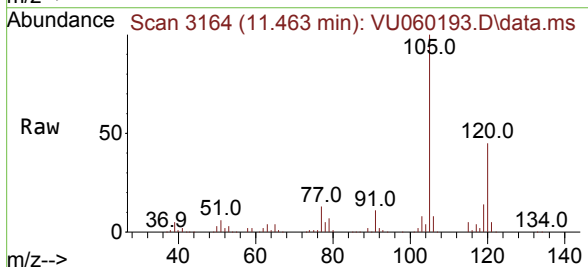
Instrument :
MSVOA_U
ClientSampleId :

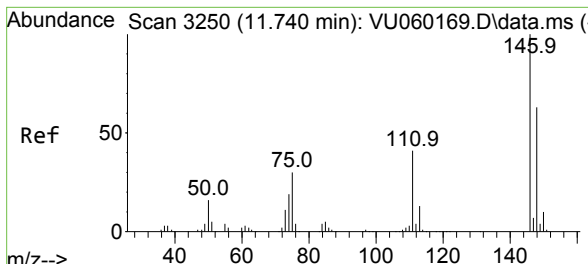
Tgt Ion:105 Resp: 220337
Ion Ratio Lower Upper
105 100
120 48.8 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 43.995 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

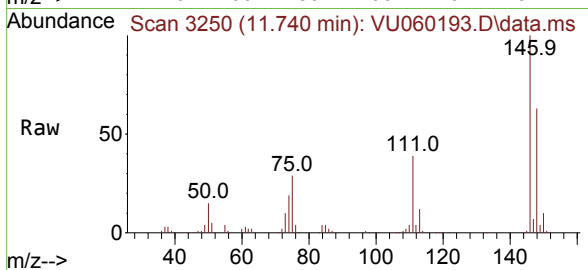
Tgt Ion:105 Resp: 235904
Ion Ratio Lower Upper
105 100
120 45.0 37.0 55.6



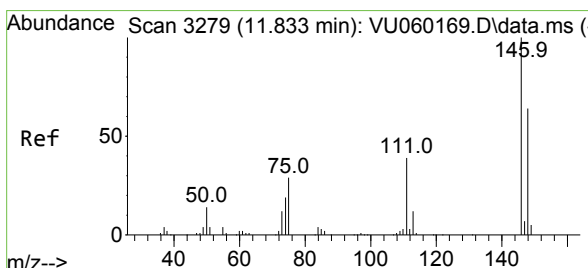
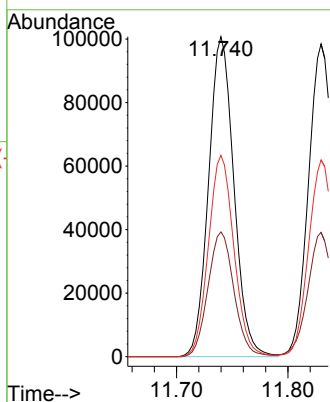
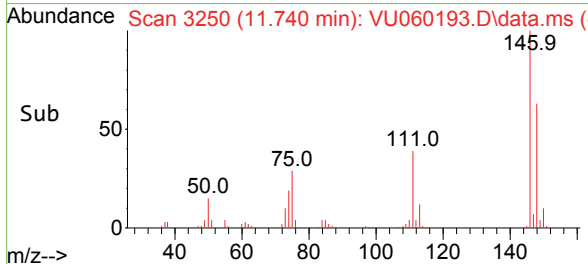


#64
1,3-Dichlorobenzene
Concen: 44.852 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

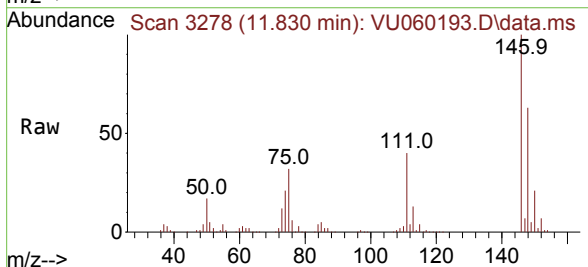
Instrument :
MSVOA_U
ClientSampleId :



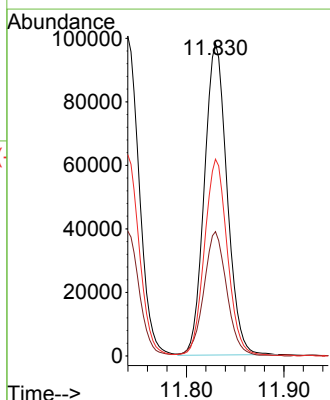
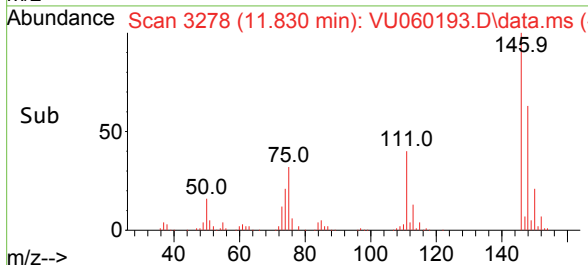
Tgt Ion:146 Resp: 159063
Ion Ratio Lower Upper
146 100
111 39.0 26.5 49.1
148 62.9 43.8 81.3

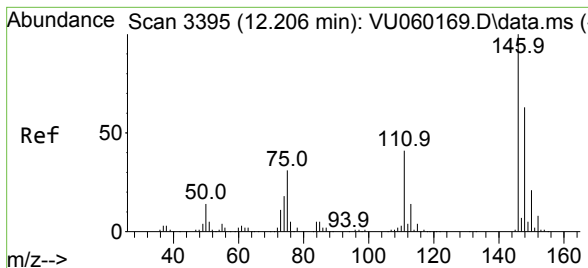


#65
1,4-Dichlorobenzene
Concen: 43.200 ug/L
RT: 11.830 min Scan# 3278
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51



Tgt Ion:146 Resp: 158377
Ion Ratio Lower Upper
146 100
111 39.7 25.9 48.1
148 62.9 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 45.264 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

ClientSampleId :

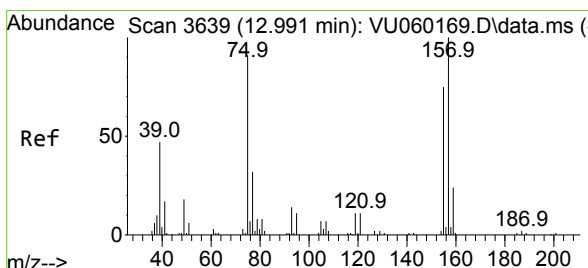
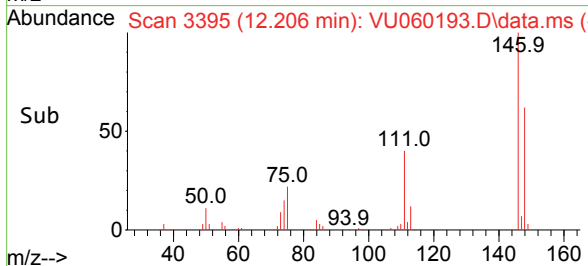
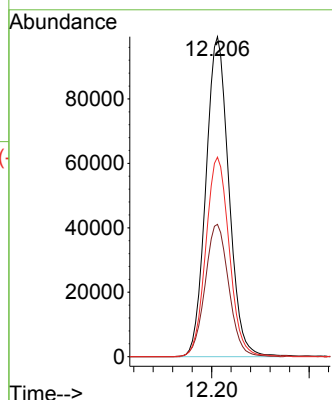
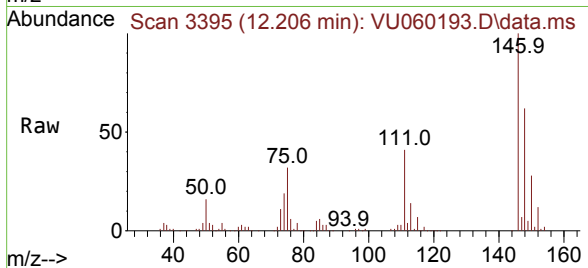
Tgt Ion:146 Resp: 162160

Ion Ratio Lower Upper

146 100

111 41.4 31.7 47.5

148 62.4 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 54.039 ug/L

RT: 12.987 min Scan# 3638

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

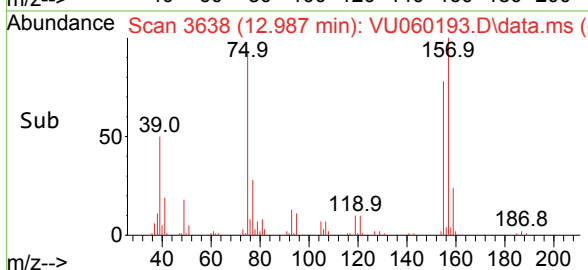
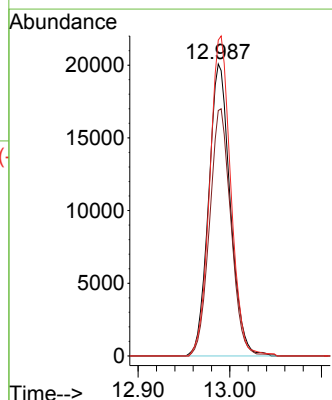
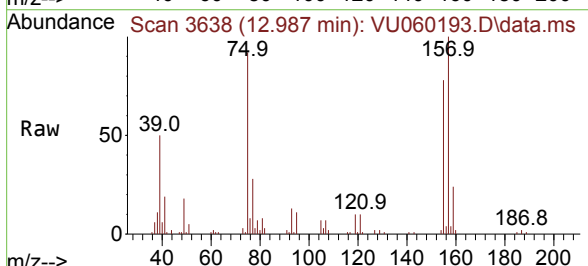
Tgt Ion: 75 Resp: 32902

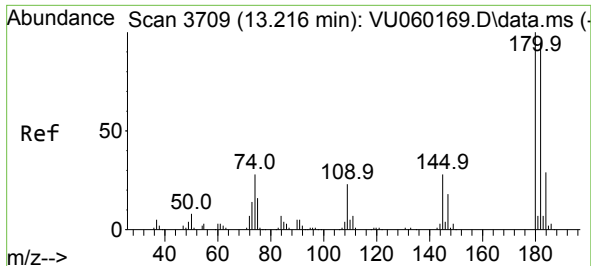
Ion Ratio Lower Upper

75 100

155 84.0 73.5 110.3

157 108.1 93.5 140.3





#69

1,3,5-Trichlorobenzene

Concen: 39.390 ug/L

RT: 13.212 min Scan# 31

Delta R.T. -0.003 min

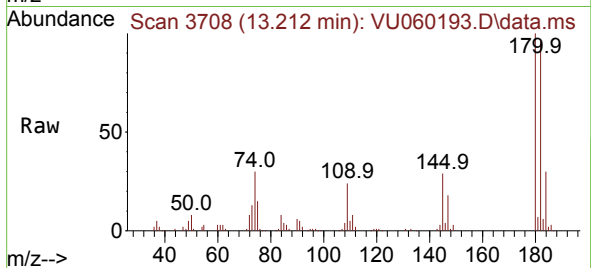
Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 100717

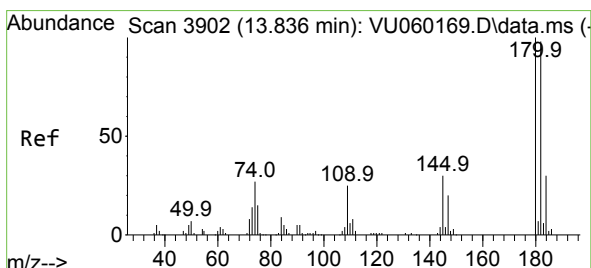
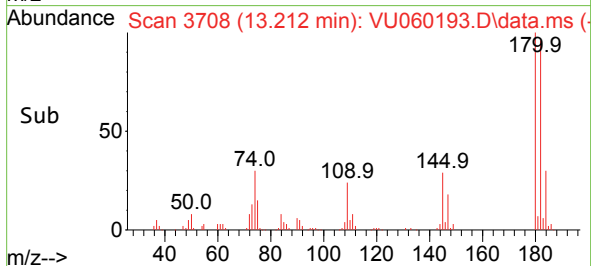
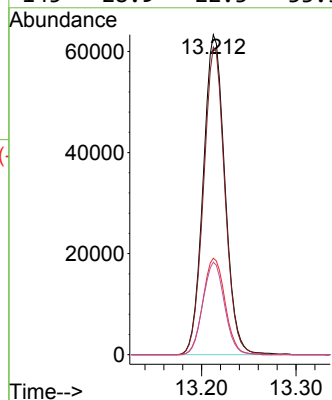
Ion Ratio Lower Upper

180 100

182 94.7 75.8 113.8

184 30.7 24.7 37.1

145 28.9 22.3 33.5



#70

1,2,4-trichlorobenzene

Concen: 37.020 ug/L

RT: 13.833 min Scan# 3901

Delta R.T. -0.003 min

Lab File: VU060193.D

Acq: 25 Jul 2024 23:51

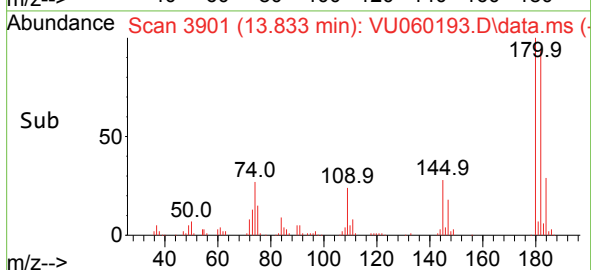
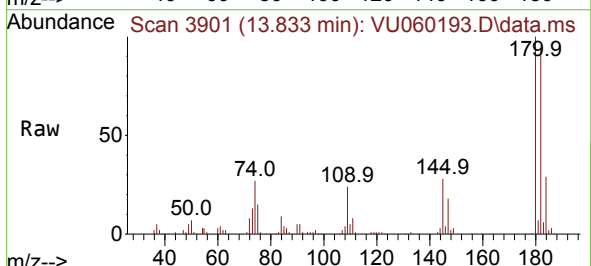
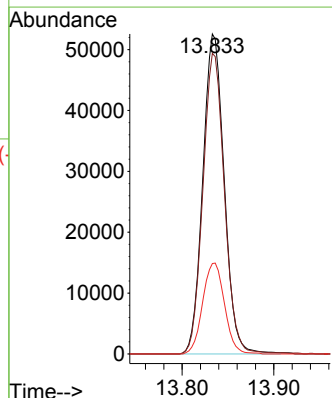
Tgt Ion:180 Resp: 85314

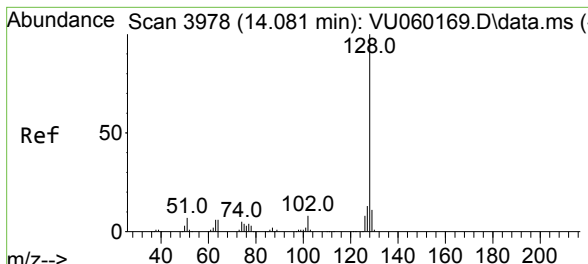
Ion Ratio Lower Upper

180 100

182 94.5 76.4 114.6

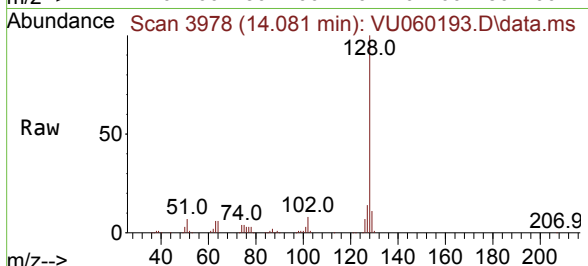
145 29.0 23.0 34.4





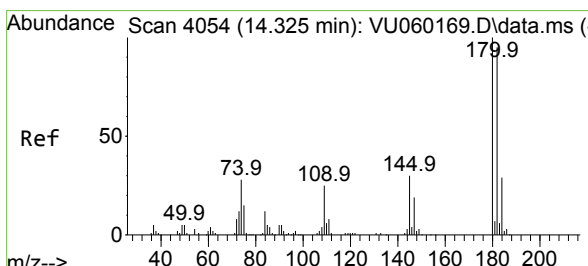
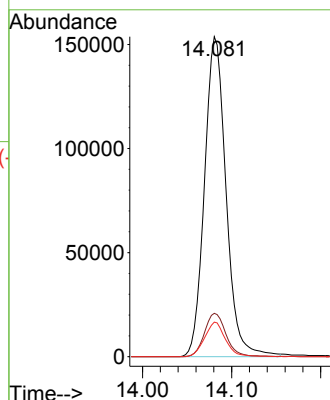
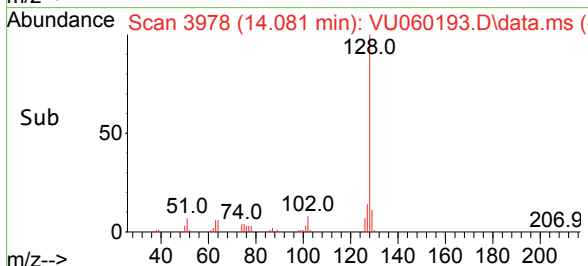
#71
Naphthalene
Concen: 38.889 ug/L
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 258995

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.4	15.6
129	10.4	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 39.329 ug/L
RT: 14.322 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VU060193.D
Acq: 25 Jul 2024 23:51

Tgt Ion:180 Resp: 90936

Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.8
145	31.5	24.5	36.7

