

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055153.D
 Acq On : 06 Sep 2023 20:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	173486	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	179105	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	101308	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	32081	3.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.000%
7) Chloroethane-d5	1.904	69	40606	4.314	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.560	65	20426	4.409	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.200%
20) 2-Butanone-d5	4.621	46	132910	56.329	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.660%
24) Chloroform-d	5.058	84	107745	4.994	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.698	65	54828	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.724	84	203369	4.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.689	67	67306	4.787	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.897	98	183689	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.180	79	18340	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.631	63	81650	51.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.880%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53867	5.447	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	70404	4.761	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	47460	4.708	ug/L	100
3) Chloromethane	1.515	50	55074	5.366	ug/L	99
5) Vinyl chloride	1.599	62	57304	5.293	ug/L	93
6) Bromomethane	1.849	94	30760	4.711	ug/L	96
8) Chloroethane	1.927	64	37167	5.272	ug/L	94
9) Trichlorofluoromethane	2.132	101	80555	5.116	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	46764	5.105	ug/L	97
12) 1,1-Dichloroethene	2.573	96	40521	5.052	ug/L	97
13) Acetone	2.624	43	81336	51.432	ug/L	100
14) Carbon disulfide	2.785	76	98522	5.016	ug/L #	95
15) Methyl Acetate	2.949	43	19528	6.033	ug/L	98
16) Methylene chloride	3.039	84	54383	4.437	ug/L	96
17) Methyl tert-butyl Ether	3.361	73	117899	5.605	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	43902	5.395	ug/L	98
19) 1,1-Dichloroethane	3.862	63	96708	5.499	ug/L	98
21) 2-Butanone	4.705	43	135535	58.332	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	53920	5.413	ug/L	94
23) Bromochloromethane	4.975	128	23369	5.704	ug/L	95
25) Chloroform	5.084	83	101181	5.524	ug/L	98

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 Data File : VU055153.D
 Acq On : 06 Sep 2023 20:22
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 06 20:43:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

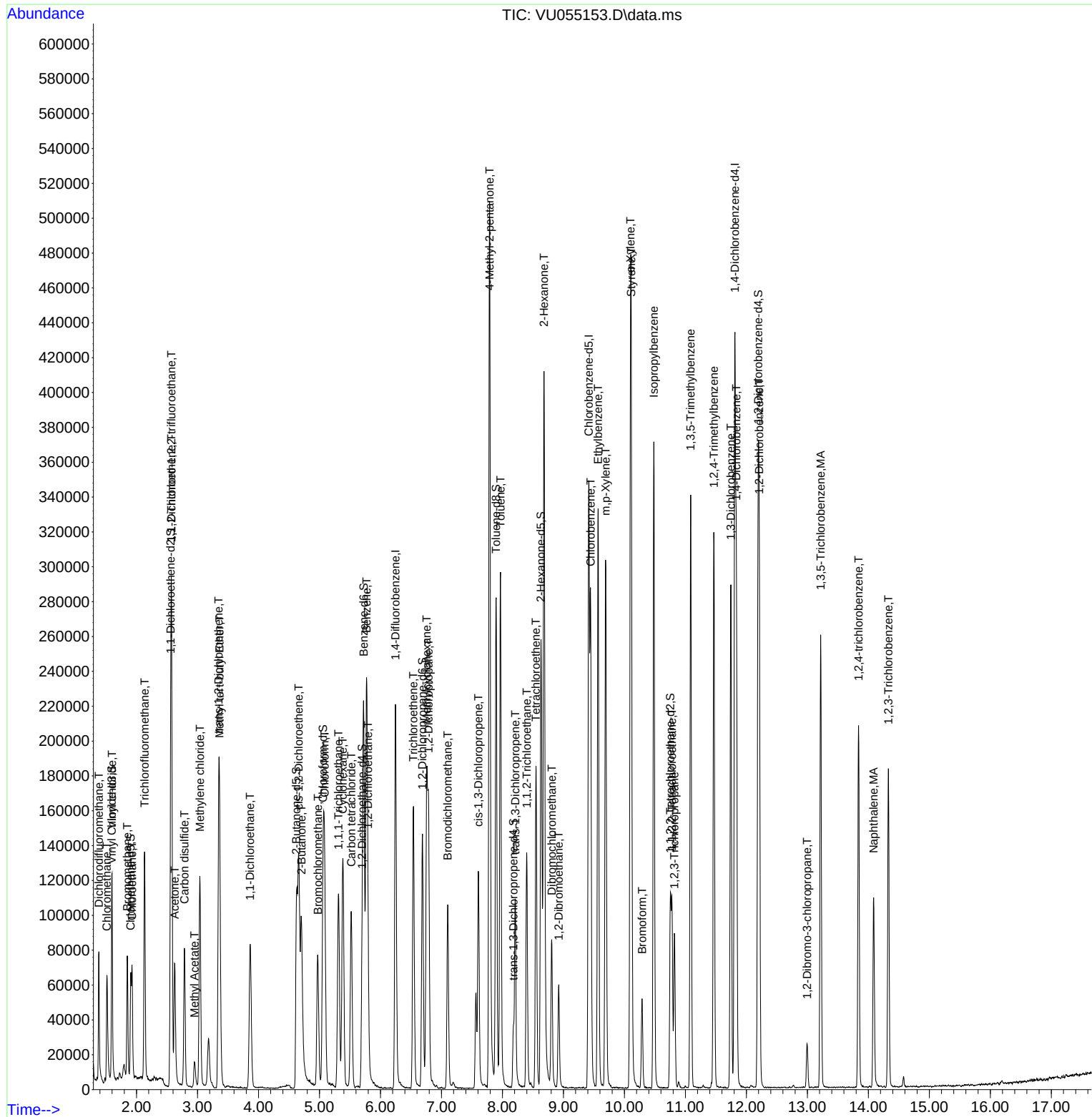
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	63447	5.676	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	79333	5.121	ug/L	98
30) Cyclohexane	5.383	56	64655	4.693	ug/L	99
31) Carbon tetrachloride	5.521	117	66051	5.127	ug/L	99
33) Benzene	5.772	78	200746	5.266	ug/L	100
34) Trichloroethene	6.541	95	54677	5.161	ug/L	98
35) Methylcyclohexane	6.759	83	66224	4.455	ug/L	95
37) 1,2-Dichloropropane	6.788	63	58671	5.653	ug/L	99
38) Bromodichloromethane	7.103	83	67811	5.473	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	73580	5.213	ug/L	96
40) 4-Methyl-2-pentanone	7.788	43	340275	57.480	ug/L	99
42) Toluene	7.968	91	215869	5.312	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	59832	5.400	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	40637	5.814	ug/L	99
47) Tetrachloroethene	8.550	164	37603	5.136	ug/L	97
48) 2-Hexanone	8.682	43	266685	57.513	ug/L	98
49) Dibromochloromethane	8.807	129	41119	5.389	ug/L	98
50) 1,2-Dibromoethane	8.923	107	37541	5.898	ug/L #	94
51) Chlorobenzene	9.447	112	137721	5.117	ug/L	100
52) Ethylbenzene	9.569	91	231710	5.097	ug/L	99
53) m,p-Xylene	9.692	106	84414	5.018	ug/L	99
54) o-Xylene	10.100	106	83726	5.058	ug/L	96
55) Styrene	10.113	104	145379	5.318	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	50986	5.856	ug/L	98
59) Bromoform	10.290	173	21419	5.292	ug/L	98
60) Isopropylbenzene	10.483	105	229766	4.864	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	37667	5.603	ug/L	98
62) 1,3,5-Trimethylbenzene	11.087	105	184774	4.702	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	173089	4.469	ug/L	99
64) 1,3-Dichlorobenzene	11.746	146	111419	4.913	ug/L	98
65) 1,4-Dichlorobenzene	11.836	146	110763	4.900	ug/L	98
67) 1,2-Dichlorobenzene	12.212	146	105206	4.948	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	7002	5.406	ug/L	92
69) 1,3,5-Trichlorobenzene	13.219	180	74759	4.362	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	59358	3.694	ug/L	99
71) Naphthalene	14.087	128	88089	3.016	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	51586	3.698	ug/L	99

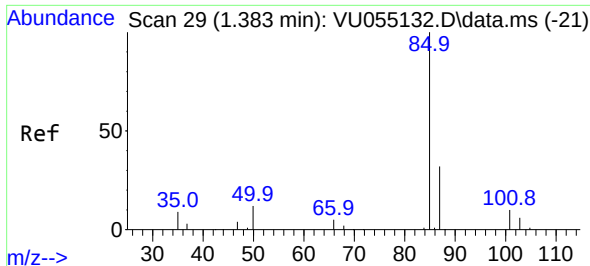
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055153.D
Acq On : 06 Sep 2023 20:22
Operator : MD/SY
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

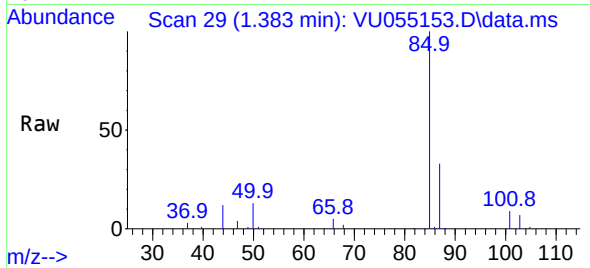
Quant Time: Sep 06 20:43:11 2023
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
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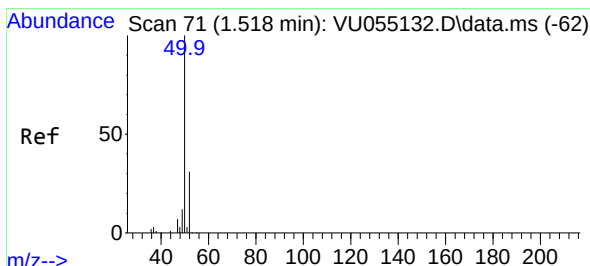
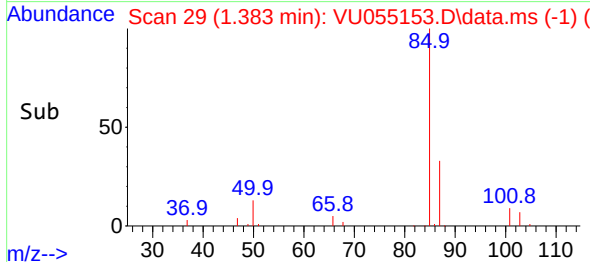
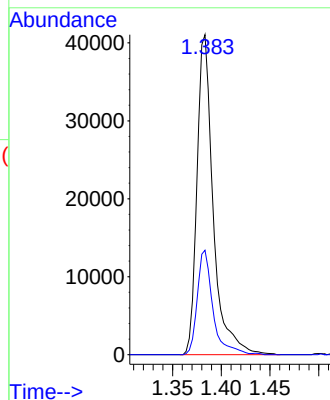


#2
 Dichlorodifluoromethane
 Concen: 4.708 ug/L
 RT: 1.383 min Scan# 29
 Delta R.T. 0.000 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Instrument :
 MSVOA_U
 ClientSampleId :

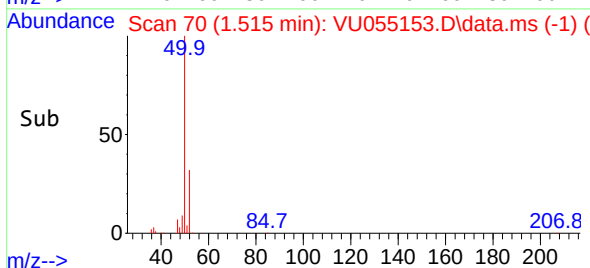
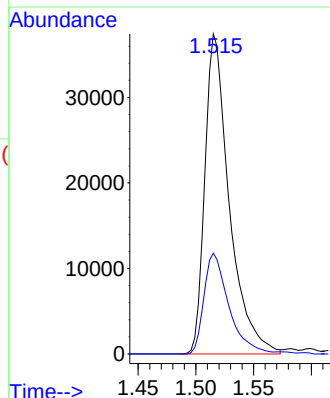
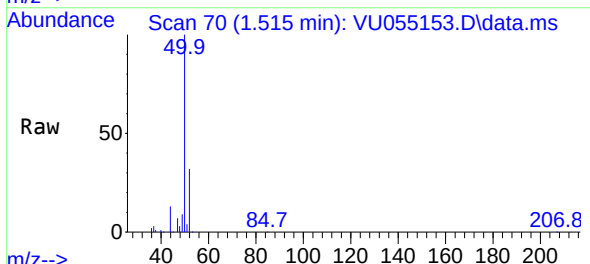


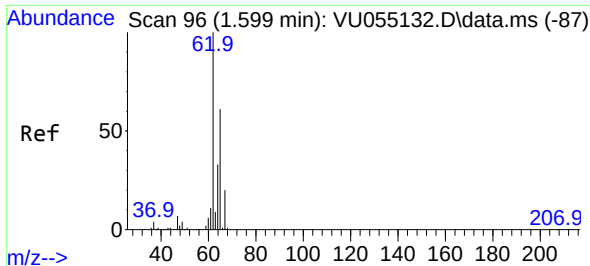
Tgt Ion: 85 Resp: 47460
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.1 37.7



#3
 Chloromethane
 Concen: 5.366 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Tgt Ion: 50 Resp: 55074
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.5 41.7

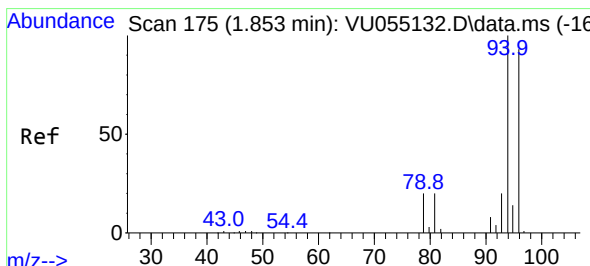
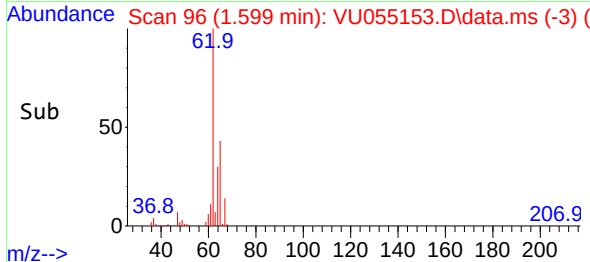
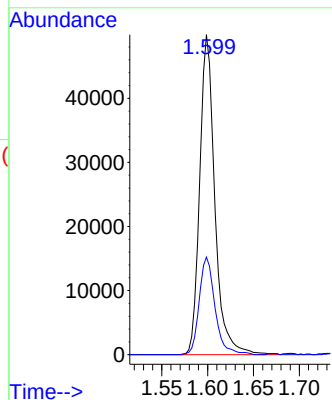
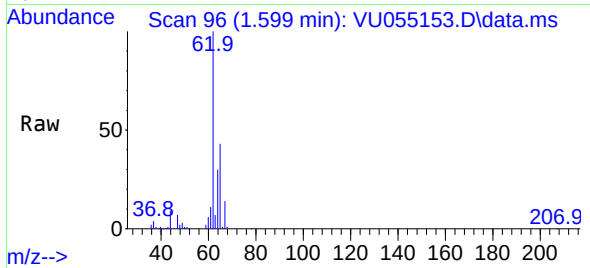




#5
 Vinyl chloride
 Concen: 5.293 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

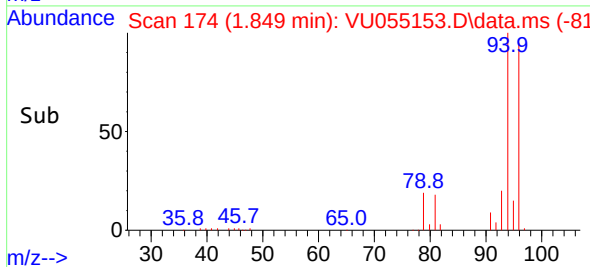
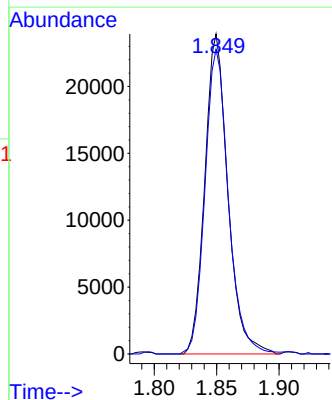
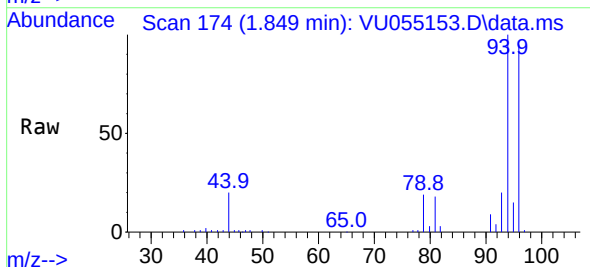
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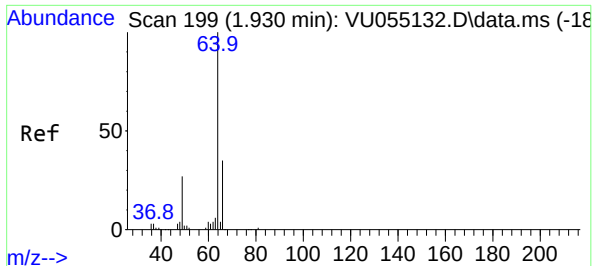
Tgt Ion: 62 Resp: 57304
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.2 45.0



#6
 Bromomethane
 Concen: 4.711 ug/L
 RT: 1.849 min Scan# 174
 Delta R.T. 0.000 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Tgt Ion: 94 Resp: 30760
 Ion Ratio Lower Upper
 94 100
 96 95.2 63.8 118.4

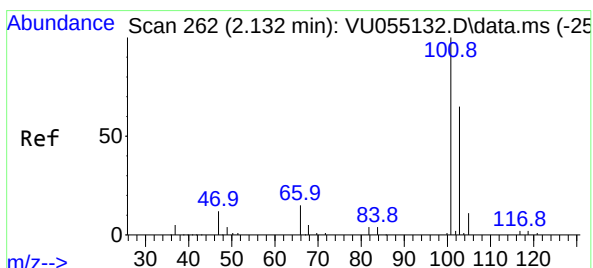
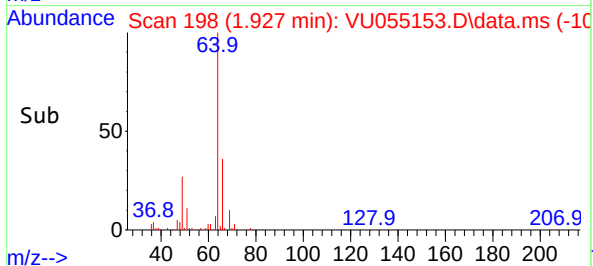
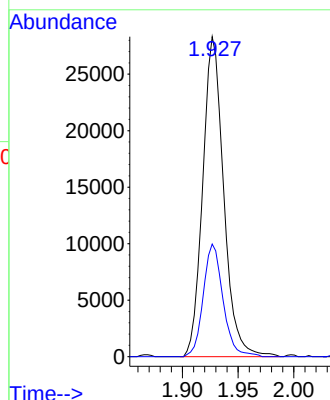
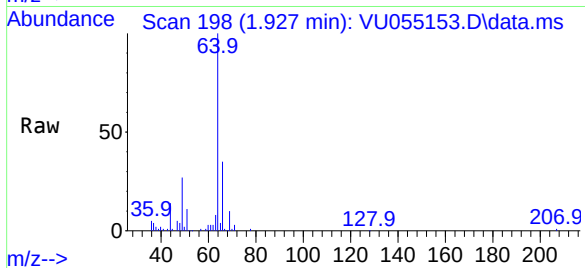




#8
Chloroethane
Concen: 5.272 ug/L
RT: 1.927 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

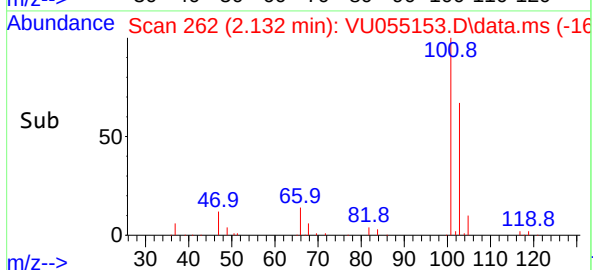
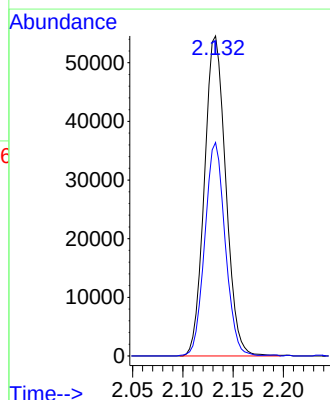
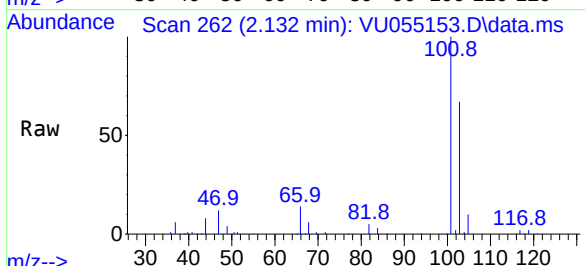
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ClientSampleId :

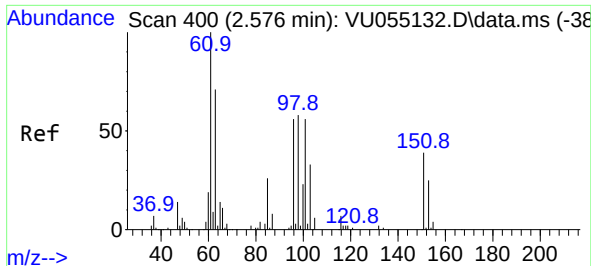
Tgt Ion: 64 Resp: 37167
Ion Ratio Lower Upper
64 100
66 35.2 22.4 41.6



#9
Trichlorofluoromethane
Concen: 5.116 ug/L
RT: 2.132 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion:101 Resp: 80555
Ion Ratio Lower Upper
101 100
103 63.7 51.9 77.9

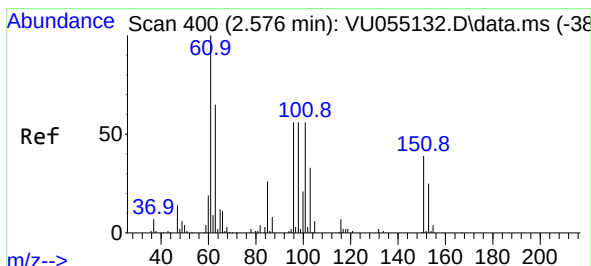
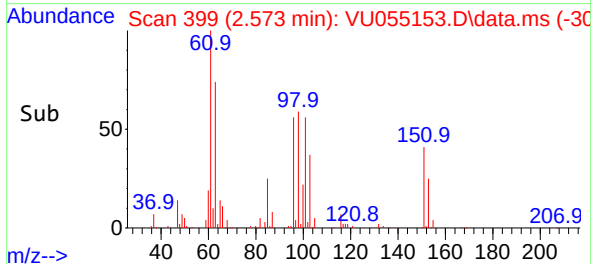
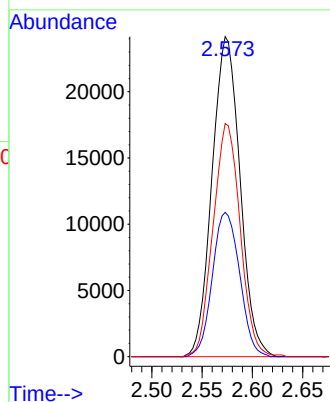
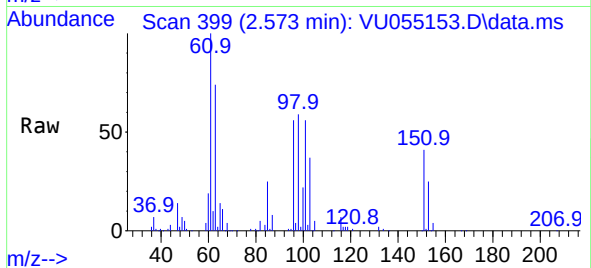




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.105 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

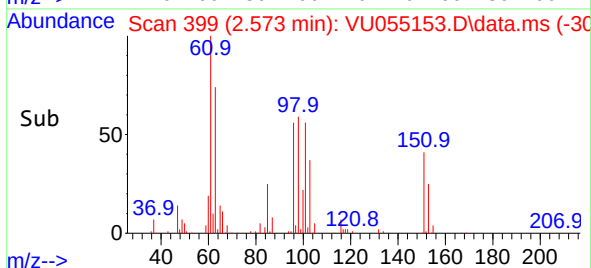
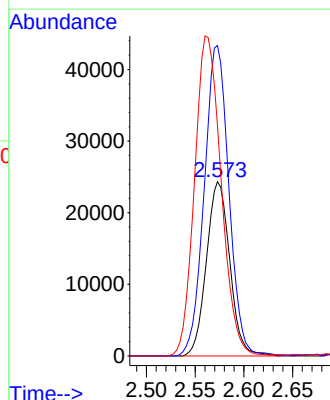
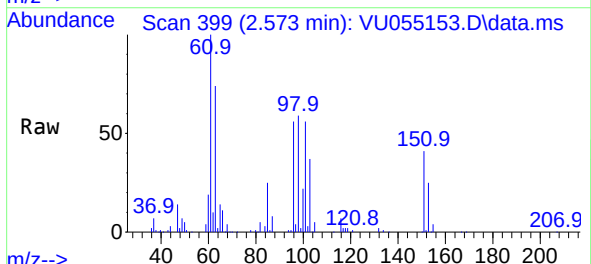
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ClientSampleId :

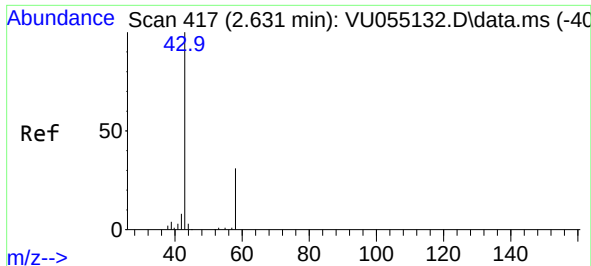
Tgt Ion:101 Resp: 46764
Ion Ratio Lower Upper
101 100
85 43.9 37.3 55.9
151 70.7 57.6 86.4



#12
1,1-Dichloroethene
Concen: 5.052 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

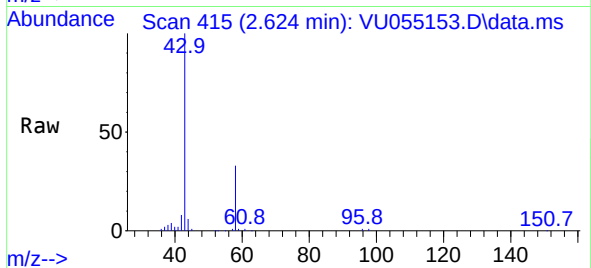
Tgt Ion: 96 Resp: 40521
Ion Ratio Lower Upper
96 100
61 178.1 120.8 224.4
63 132.1 94.5 175.5



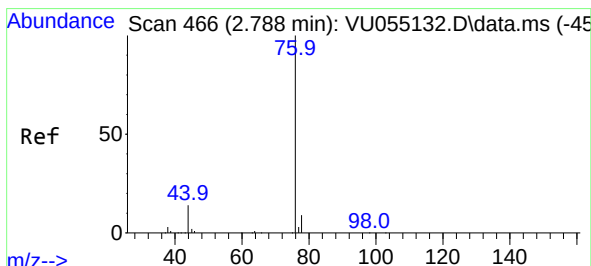
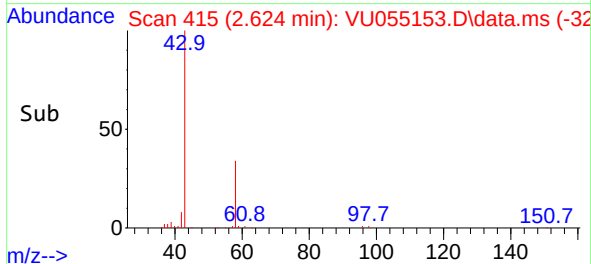
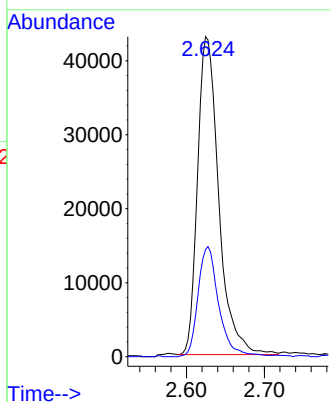


#13
Acetone
Concen: 51.432 ug/L
RT: 2.624 min Scan# 41
Delta R.T. -0.006 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :

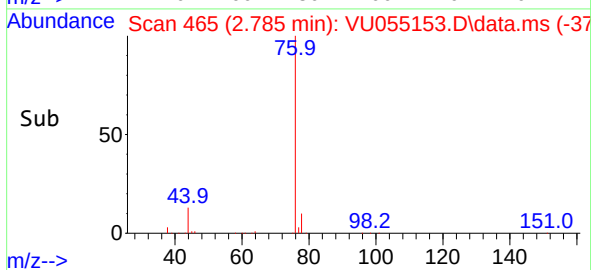
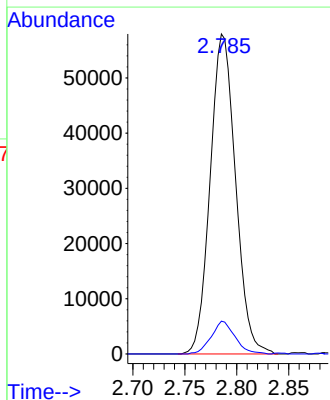
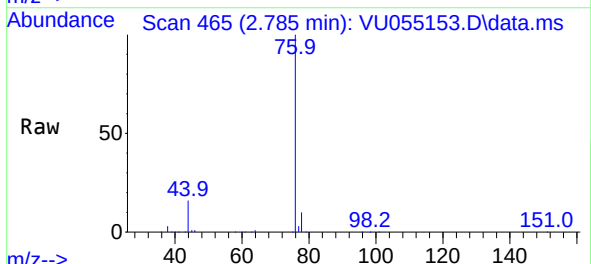


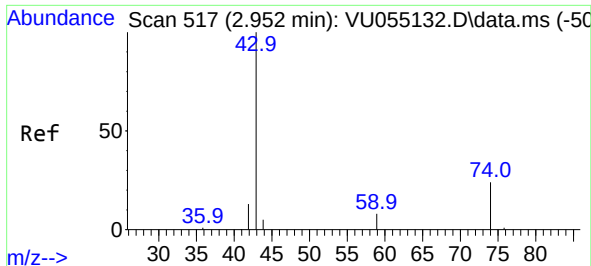
Tgt Ion: 43 Resp: 81336
Ion Ratio Lower Upper
43 100
58 33.8 0.0 67.8



#14
Carbon disulfide
Concen: 5.016 ug/L
RT: 2.785 min Scan# 465
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 76 Resp: 98522
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#

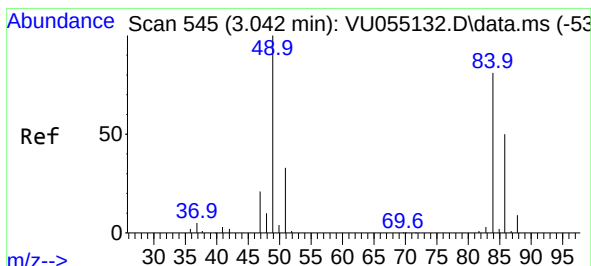
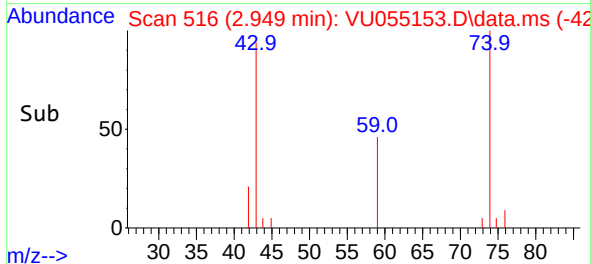
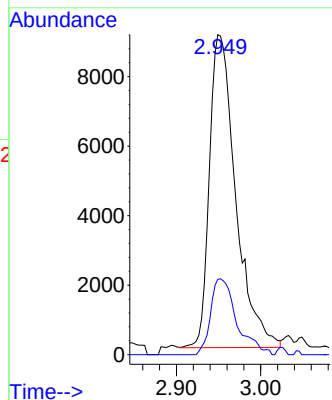
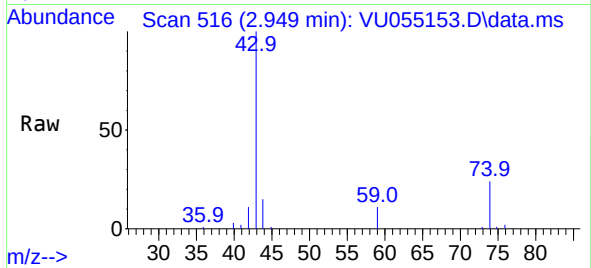




#15
Methyl Acetate
Concen: 6.033 ug/L
RT: 2.949 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

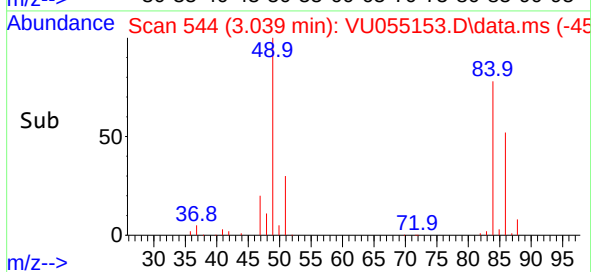
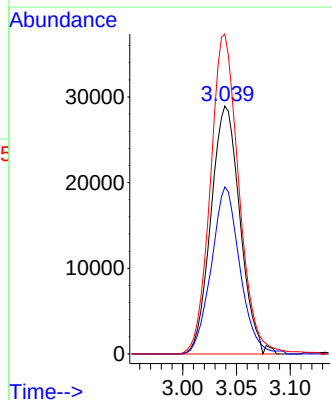
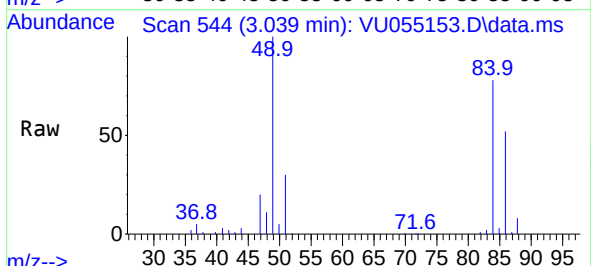
Instrument :
MSVOA_U
ClientSampleId :

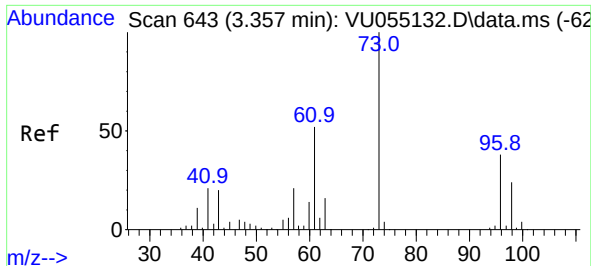
Tgt Ion: 43 Resp: 19528
Ion Ratio Lower Upper
43 100
74 24.0 18.4 27.6



#16
Methylene chloride
Concen: 4.437 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

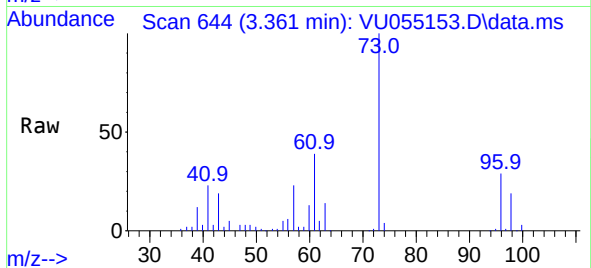
Tgt Ion: 84 Resp: 54383
Ion Ratio Lower Upper
84 100
86 67.3 43.4 80.6
49 129.0 87.7 162.9



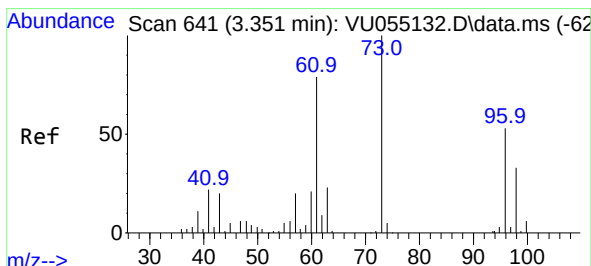
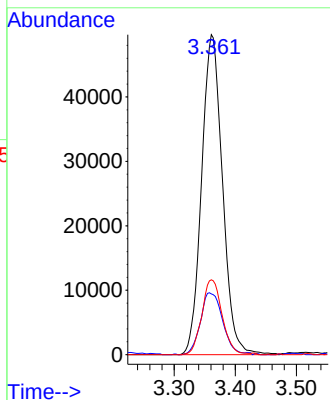
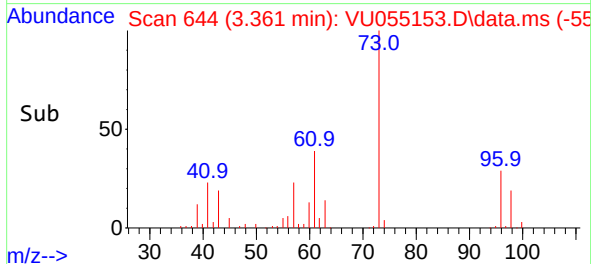


#17
Methyl tert-butyl Ether
Concen: 5.605 ug/L
RT: 3.361 min Scan# 64
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :

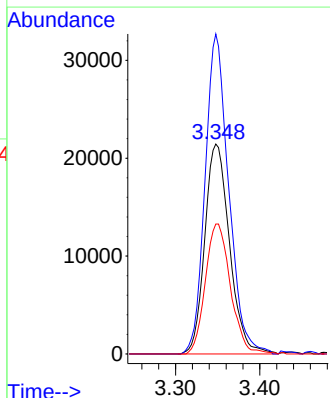
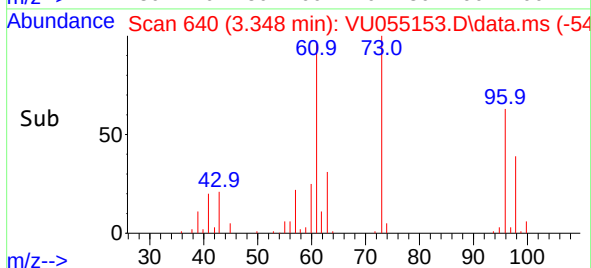
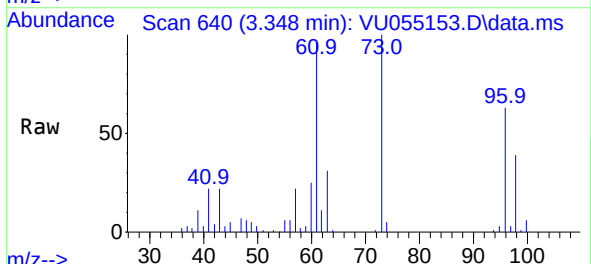


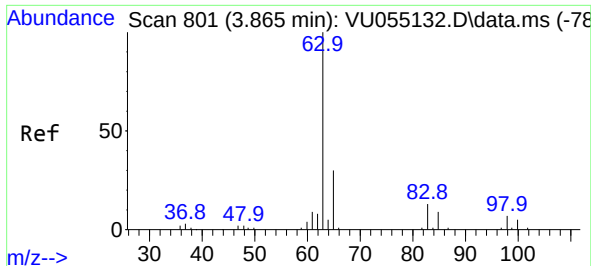
Tgt Ion: 73 Resp: 117899
Ion Ratio Lower Upper
73 100
43 20.5 16.2 24.2
57 22.7 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.395 ug/L
RT: 3.348 min Scan# 640
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 96 Resp: 43902
Ion Ratio Lower Upper
96 100
61 152.4 108.1 200.9
98 61.9 45.4 84.4

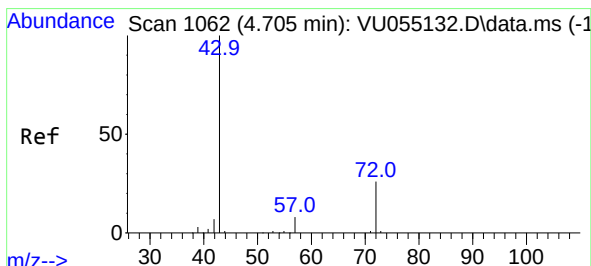
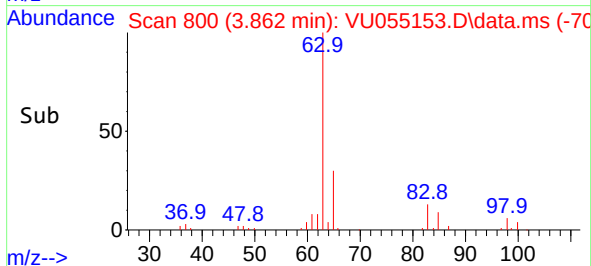
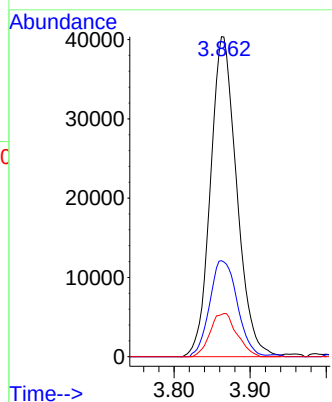
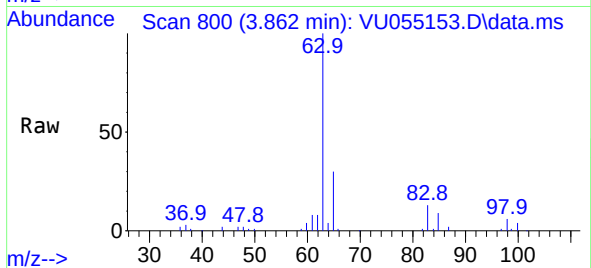




#19
1,1-Dichloroethane
Concen: 5.499 ug/L
RT: 3.862 min Scan# 801
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

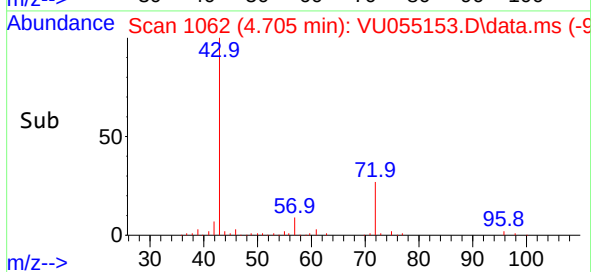
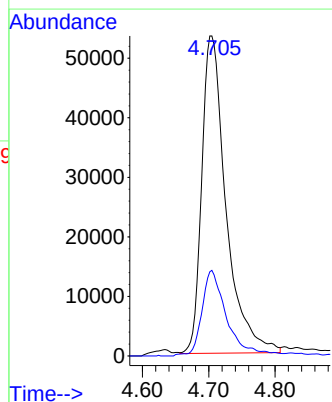
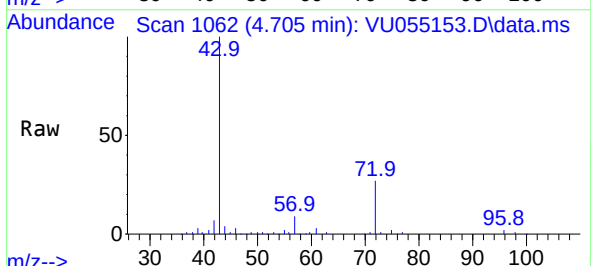
Instrument :
MSVOA_U
ClientSampleId :

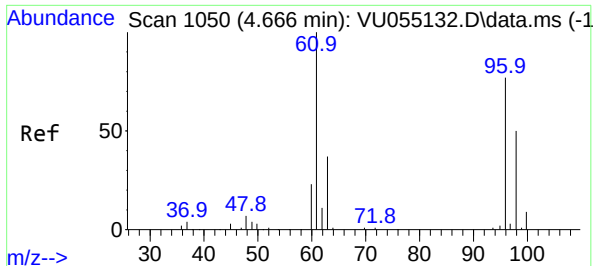
Tgt Ion: 63 Resp: 96708
Ion Ratio Lower Upper
63 100
65 31.0 22.2 41.2
83 13.2 10.6 19.8



#21
2-Butanone
Concen: 58.332 ug/L
RT: 4.705 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

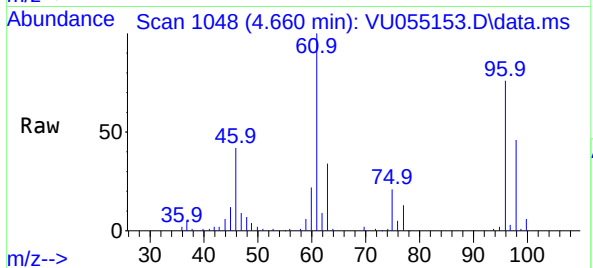
Tgt Ion: 43 Resp: 135535
Ion Ratio Lower Upper
43 100
72 27.7 13.5 40.5





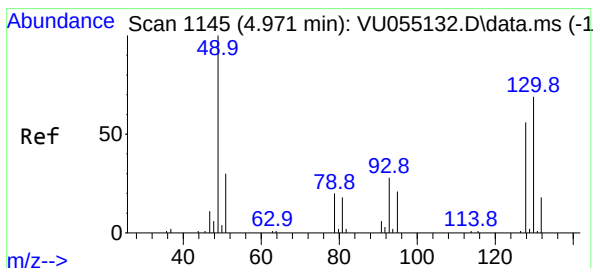
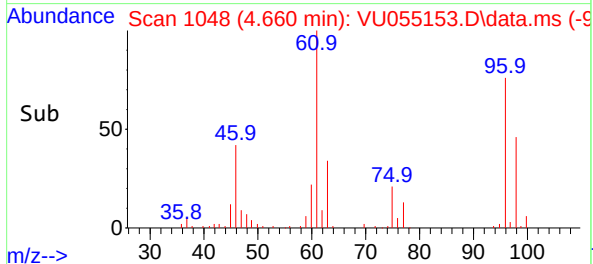
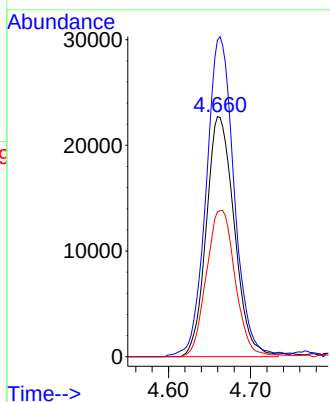
#22
 cis-1,2-Dichloroethene
 Concen: 5.413 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. -0.003 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 53920

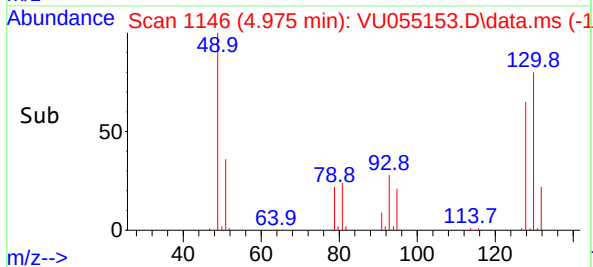
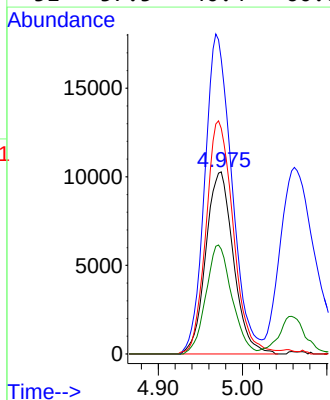
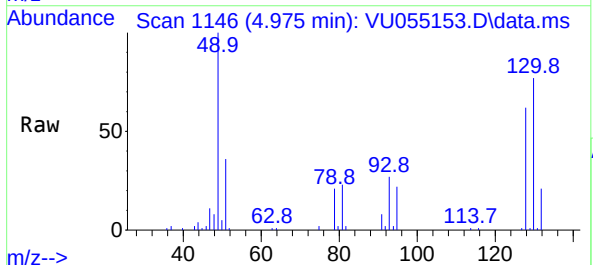
Ion	Ratio	Lower	Upper
96	100		
61	131.9	97.2	180.4
98	60.3	46.1	85.7

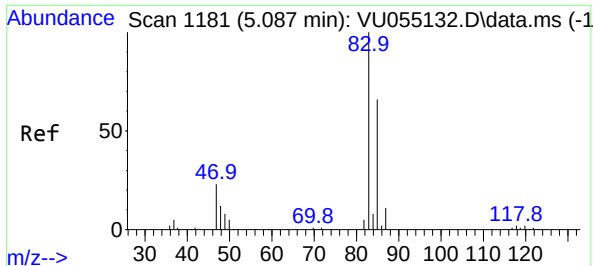


#23
 Bromochloromethane
 Concen: 5.704 ug/L
 RT: 4.975 min Scan# 1146
 Delta R.T. 0.003 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Tgt Ion: 128 Resp: 23369

Ion	Ratio	Lower	Upper
128	100		
49	161.9	118.9	220.9
130	123.8	88.0	163.4
51	57.5	40.4	60.6





#25

Chloroform

Concen: 5.524 ug/L

RT: 5.084 min Scan# 1181

Delta R.T. -0.003 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

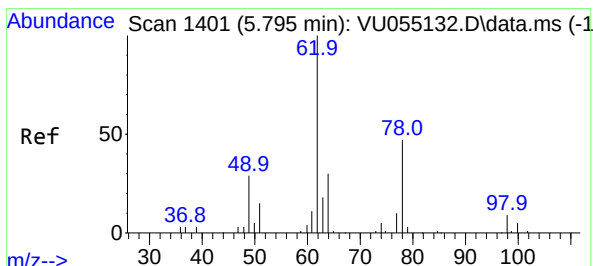
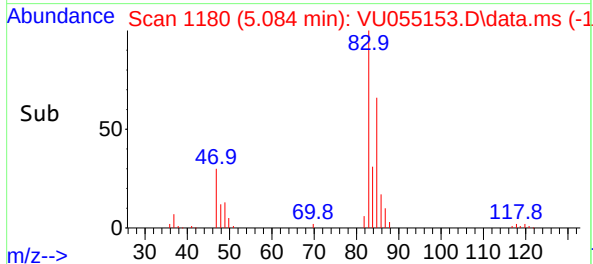
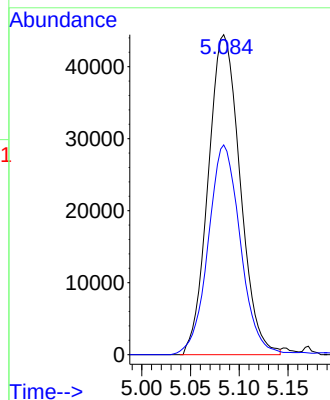
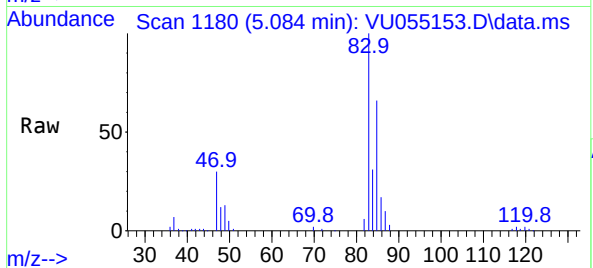
ClientSampleId :

Tgt Ion: 83 Resp: 101181

Ion Ratio Lower Upper

83 100

85 65.6 47.2 87.6



#27

1,2-Dichloroethane

Concen: 5.676 ug/L

RT: 5.795 min Scan# 1401

Delta R.T. 0.000 min

Lab File: VU055153.D

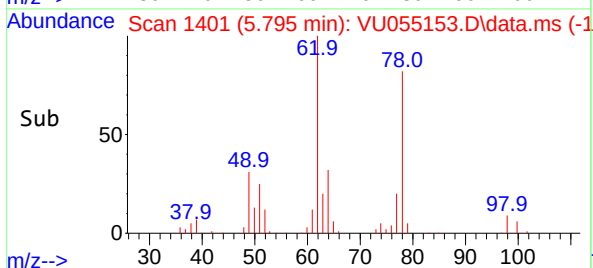
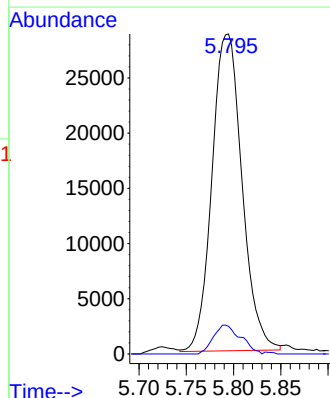
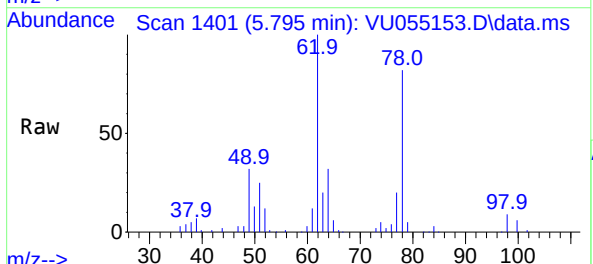
Acq: 06 Sep 2023 20:22

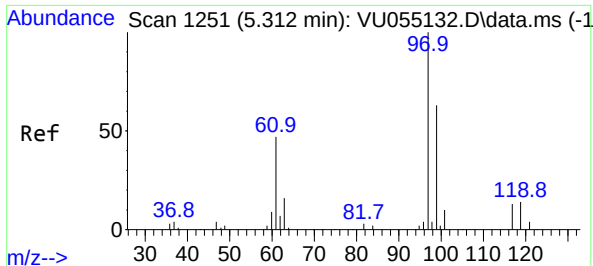
Tgt Ion: 62 Resp: 63447

Ion Ratio Lower Upper

62 100

98 8.6 6.9 10.3



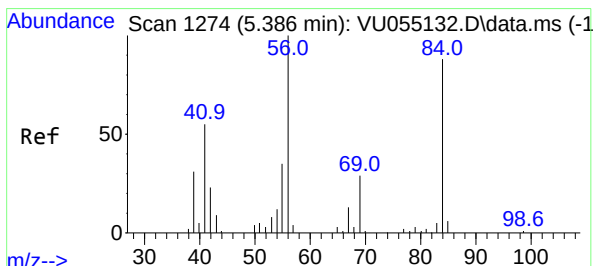
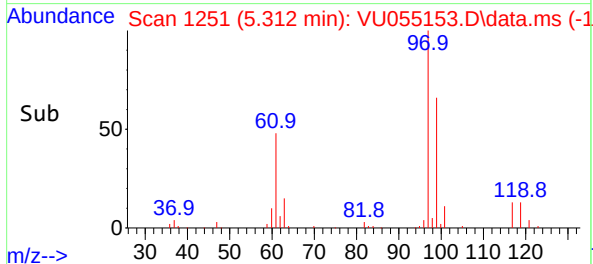
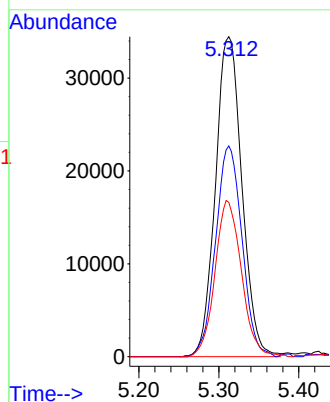
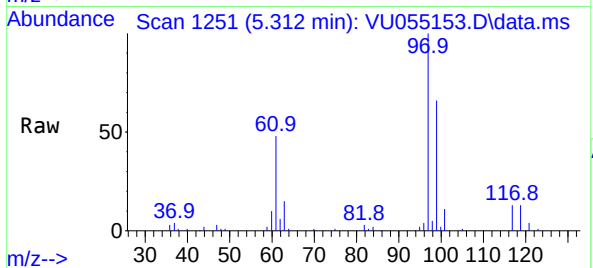


#29
1,1,1-Trichloroethane
Concen: 5.121 ug/L
RT: 5.312 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 79333

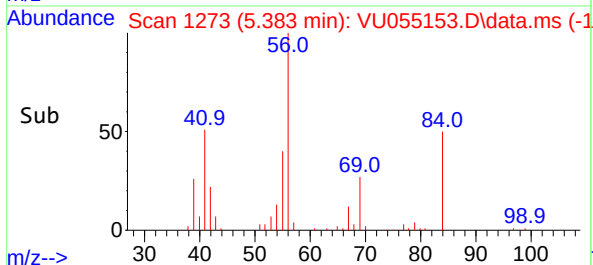
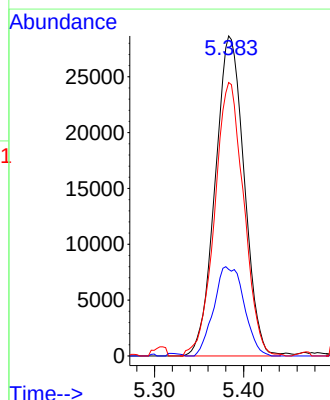
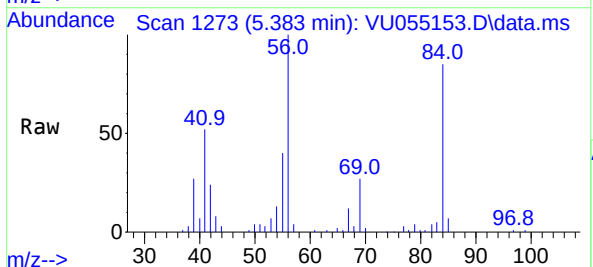
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.8	77.8
61	48.7	36.8	55.2

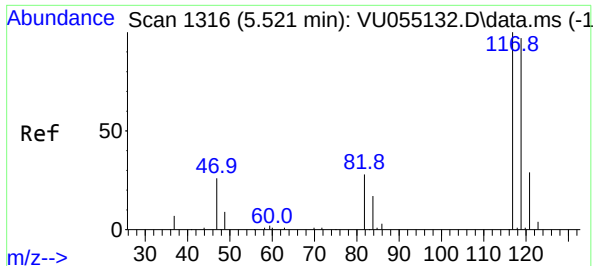


#30
Cyclohexane
Concen: 4.693 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 56 Resp: 64655

Ion	Ratio	Lower	Upper
56	100		
69	29.2	24.6	37.0
84	86.1	68.8	103.2

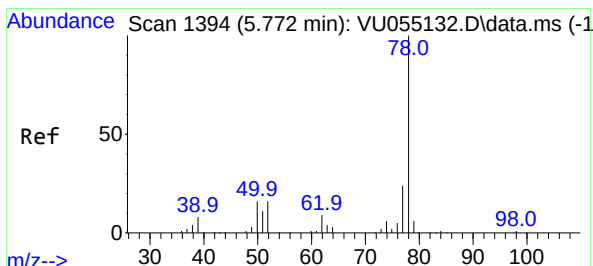
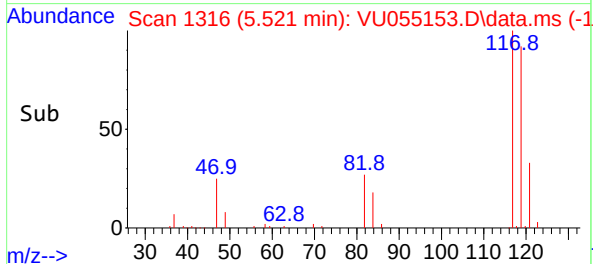
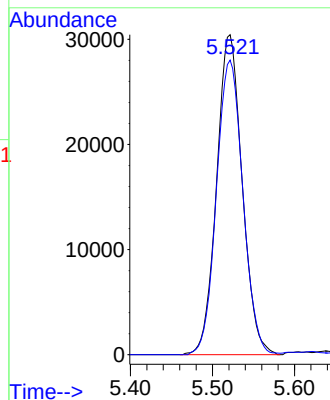
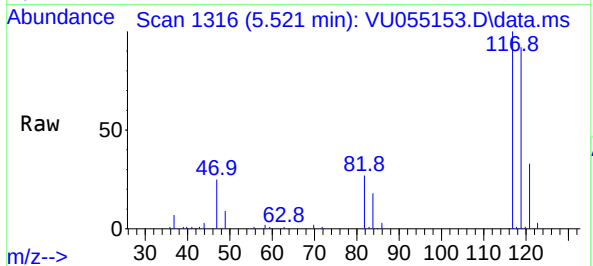




#31
Carbon tetrachloride
Concen: 5.127 ug/L
RT: 5.521 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

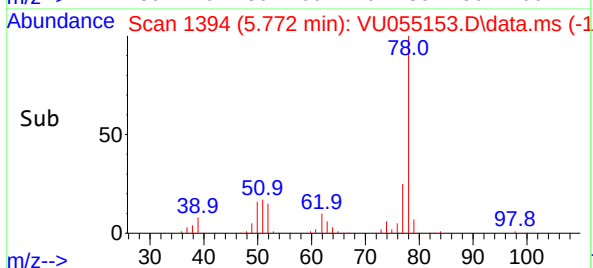
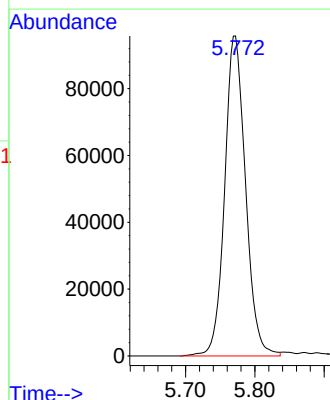
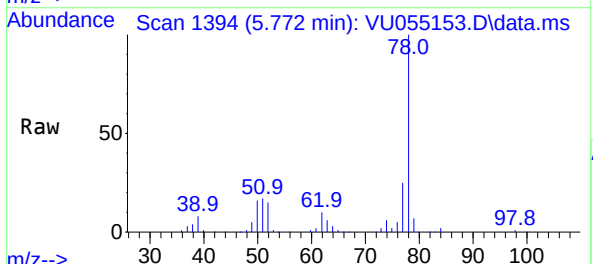
Instrument :
MSVOA_U
ClientSampleId :

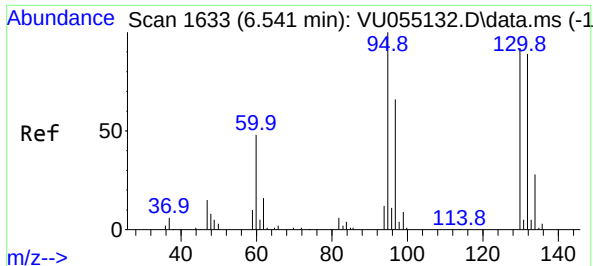
Tgt Ion:117 Resp: 66051
Ion Ratio Lower Upper
117 100
119 95.0 75.4 113.0



#33
Benzene
Concen: 5.266 ug/L
RT: 5.772 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

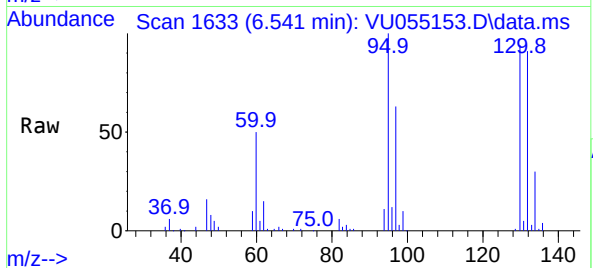
Tgt Ion: 78 Resp: 200746



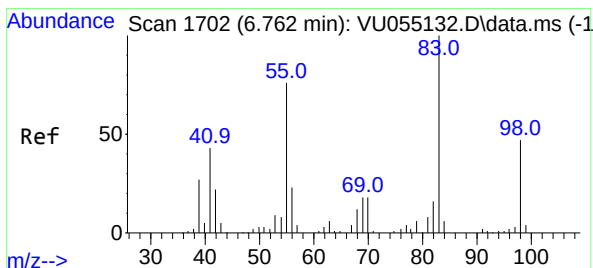
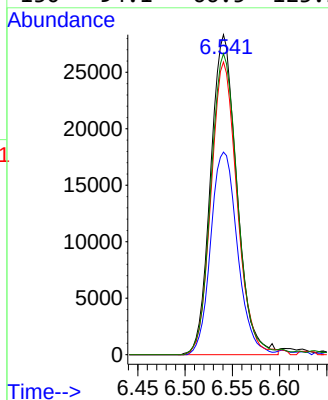
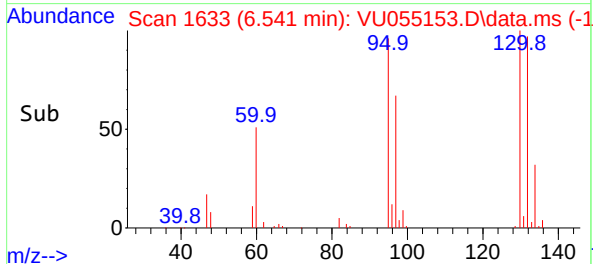


#34
Trichloroethene
Concen: 5.161 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

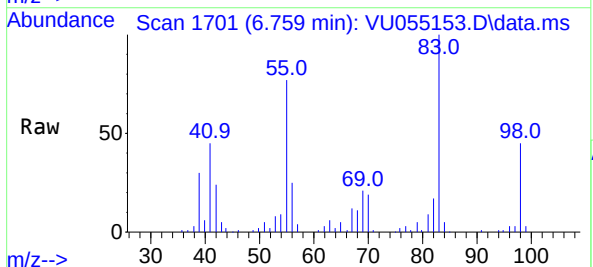
Instrument :
MSVOA_U
ClientSampleId :



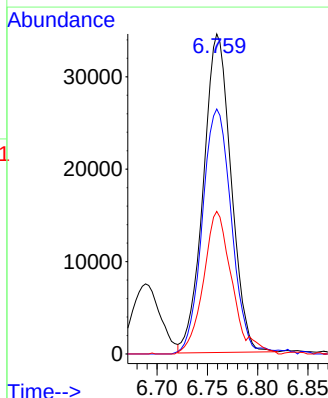
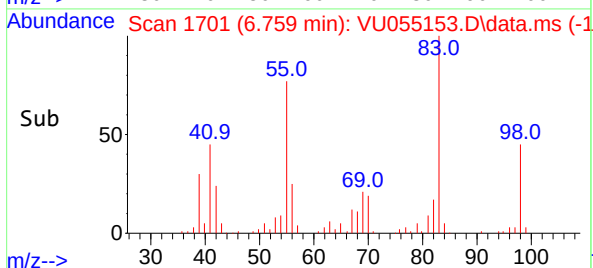
Tgt Ion: 95 Resp: 54677
Ion Ratio Lower Upper
95 100
97 63.3 44.7 83.1
132 91.4 66.6 123.6
130 94.1 66.5 123.5

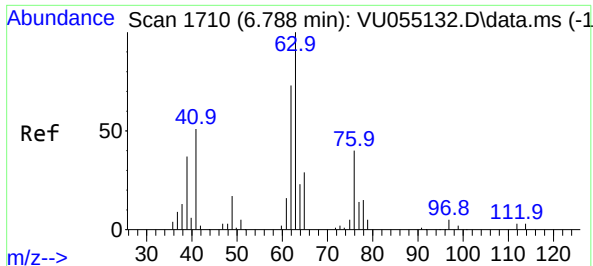


#35
Methylcyclohexane
Concen: 4.455 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22



Tgt Ion: 83 Resp: 66224
Ion Ratio Lower Upper
83 100
55 81.1 60.4 90.6
98 45.8 35.3 52.9

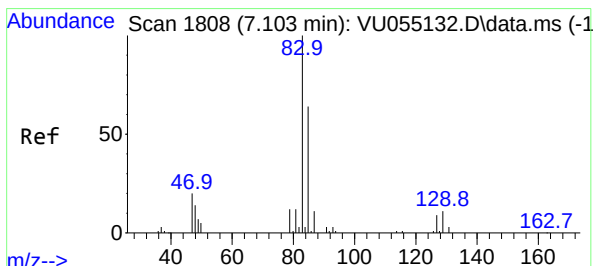
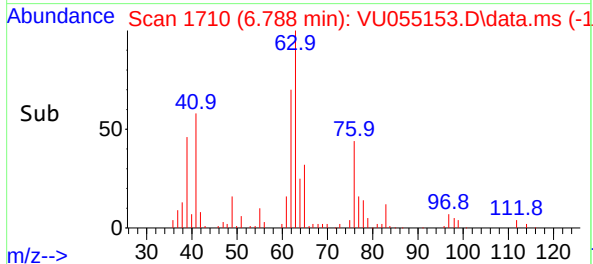
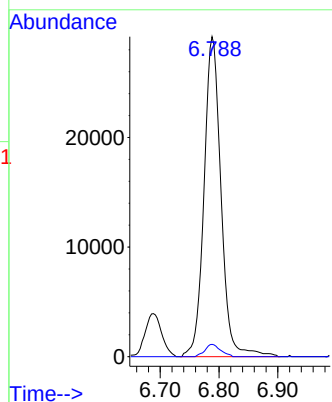
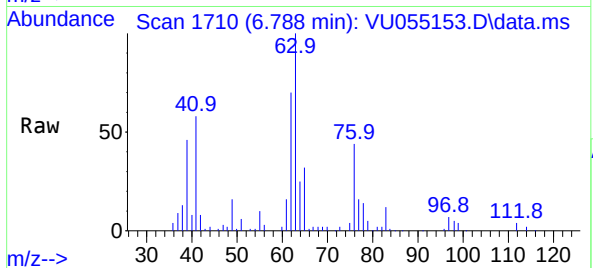




#37
1,2-Dichloropropane
Concen: 5.653 ug/L
RT: 6.788 min Scan# 1710
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

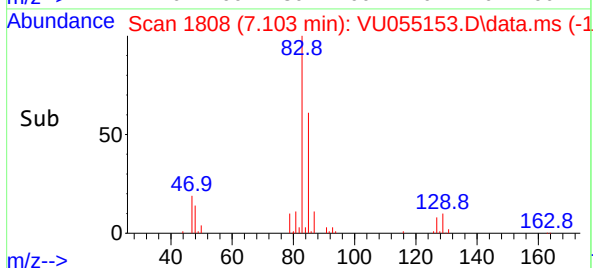
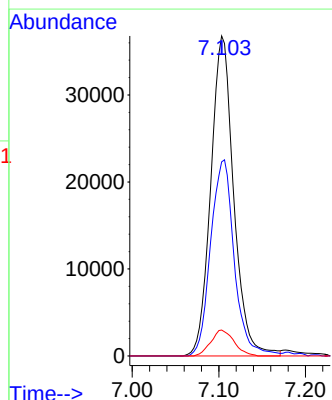
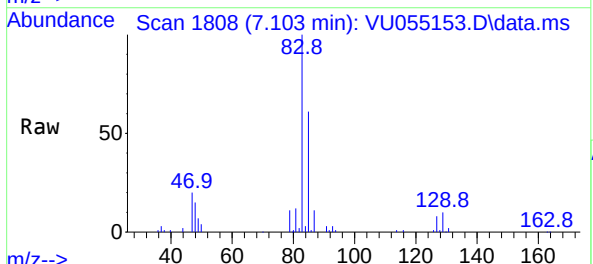
Instrument :
MSVOA_U
ClientSampleId :

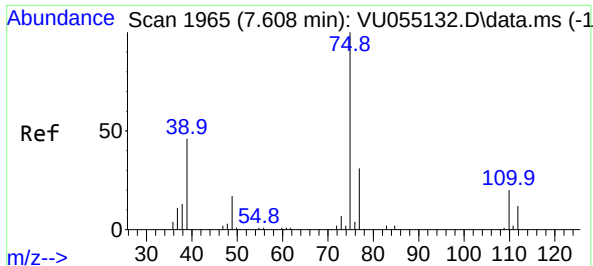
Tgt Ion: 63 Resp: 58671
Ion Ratio Lower Upper
63 100
112 3.5 3.2 4.8



#38
Bromodichloromethane
Concen: 5.473 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 83 Resp: 67811
Ion Ratio Lower Upper
83 100
85 60.6 44.9 83.5
127 8.1 7.8 11.8

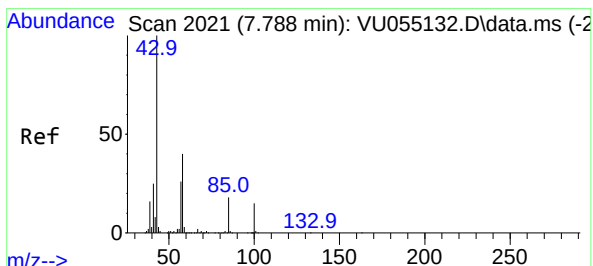
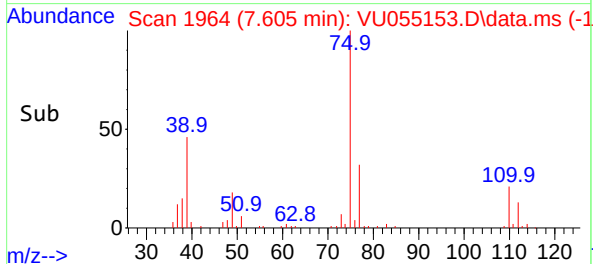
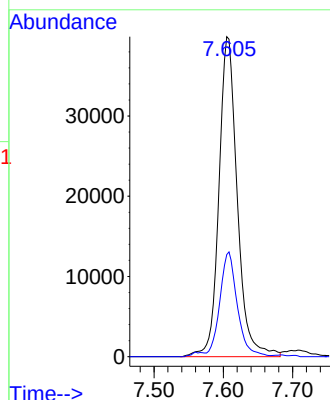
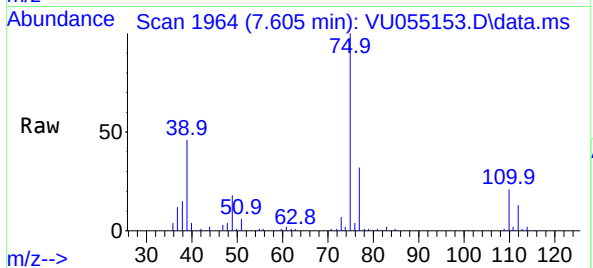




#39
 cis-1,3-Dichloropropene
 Concen: 5.213 ug/L
 RT: 7.605 min Scan# 1965
 Delta R.T. -0.003 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

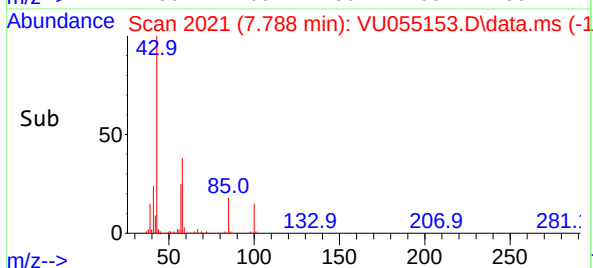
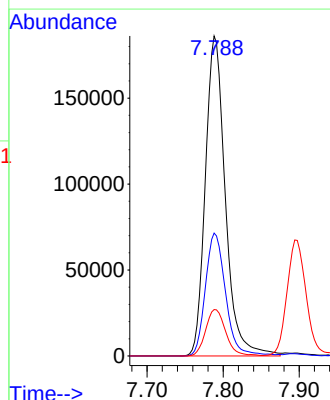
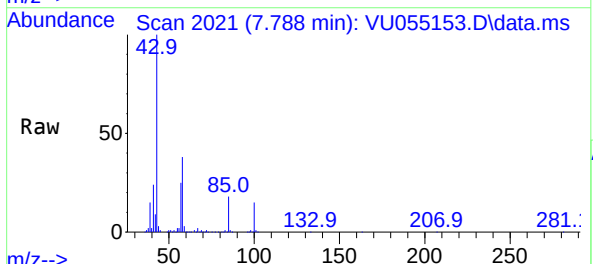
Instrument :
 MSVOA_U
 ClientSampleId :

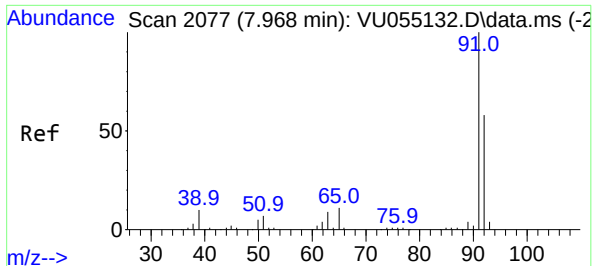
Tgt Ion: 75 Resp: 73580
 Ion Ratio Lower Upper
 75 100
 77 31.9 20.9 38.9



#40
 4-Methyl-2-pentanone
 Concen: 57.480 ug/L
 RT: 7.788 min Scan# 2021
 Delta R.T. -0.003 min
 Lab File: VU055153.D
 Acq: 06 Sep 2023 20:22

Tgt Ion: 43 Resp: 340275
 Ion Ratio Lower Upper
 43 100
 58 38.8 31.5 47.3
 100 14.6 11.8 17.8





#42

Toluene

Concen: 5.312 ug/L

RT: 7.968 min Scan# 2077

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

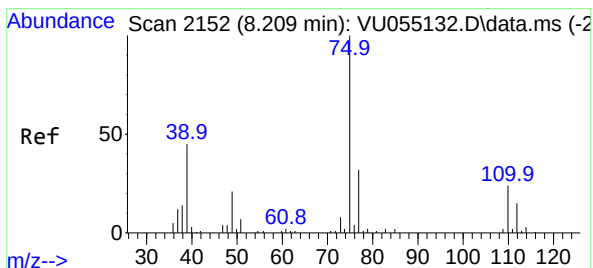
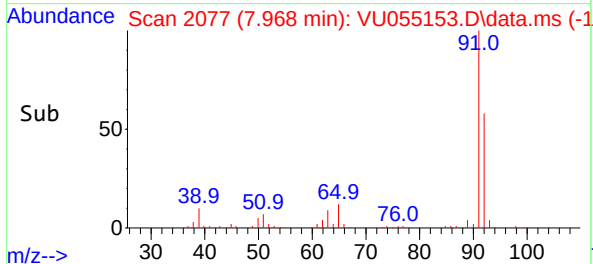
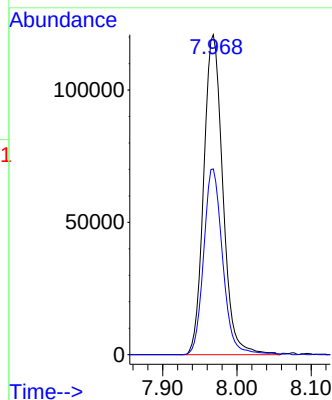
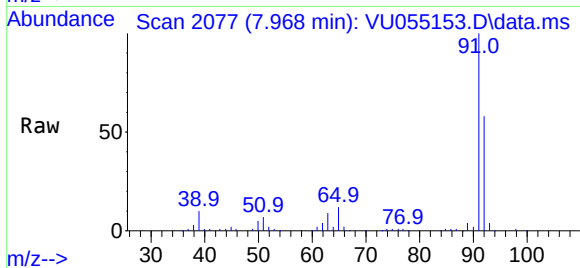
ClientSampleId :

Tgt Ion: 91 Resp: 215869

Ion Ratio Lower Upper

91 100

92 58.0 41.9 77.9



#44

trans-1,3-Dichloropropene

Concen: 5.400 ug/L

RT: 8.209 min Scan# 2152

Delta R.T. 0.000 min

Lab File: VU055153.D

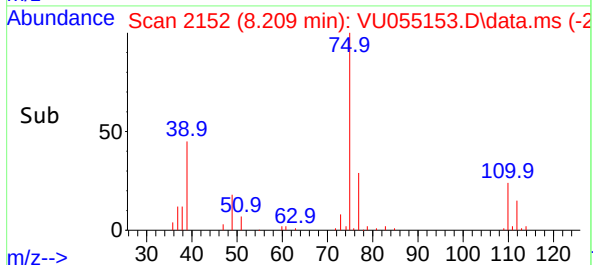
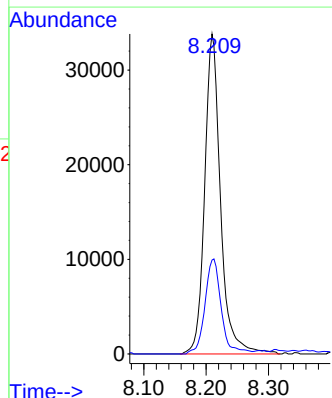
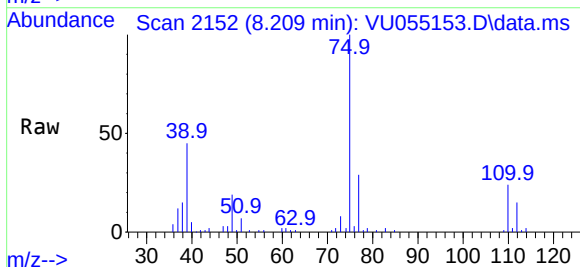
Acq: 06 Sep 2023 20:22

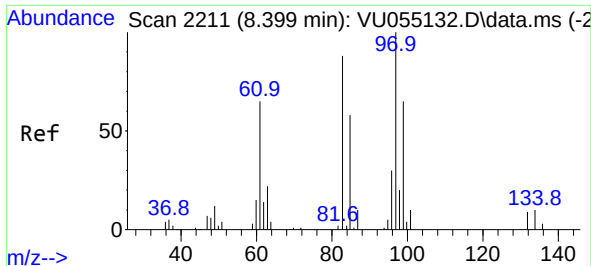
Tgt Ion: 75 Resp: 59832

Ion Ratio Lower Upper

75 100

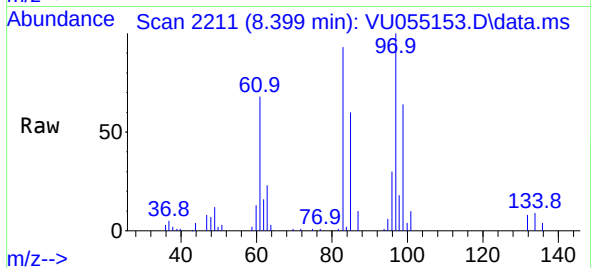
77 29.4 20.5 38.1





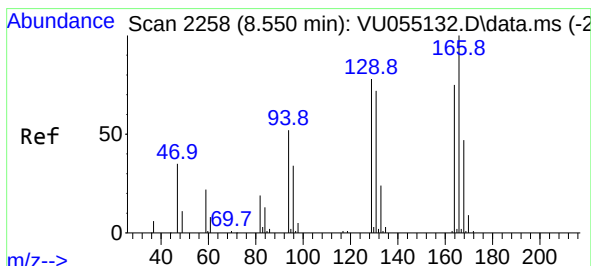
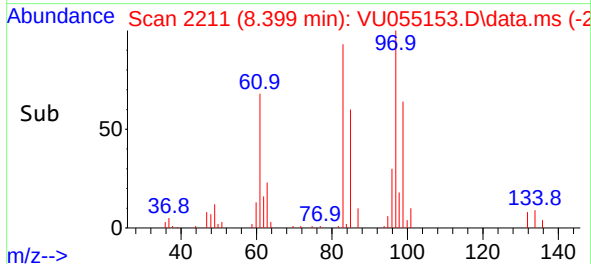
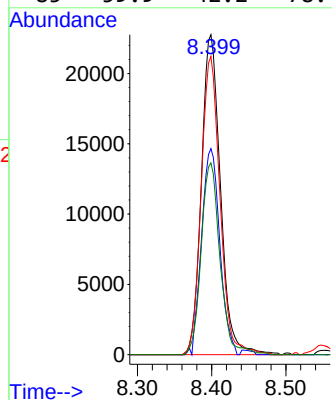
#45
1,1,2-Trichloroethane
Concen: 5.814 ug/L
RT: 8.399 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 40637

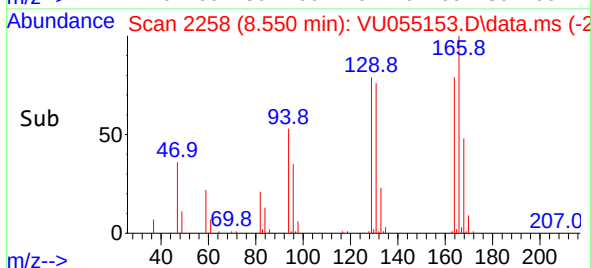
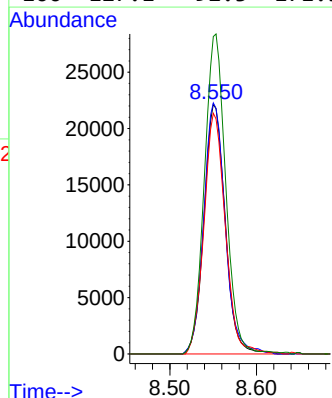
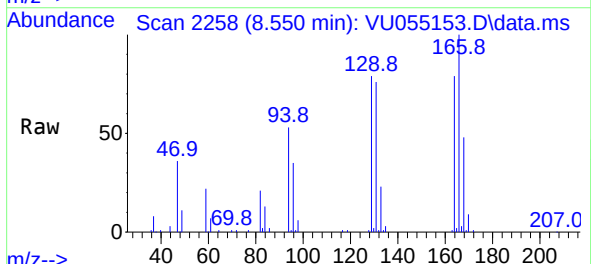
Ion	Ratio	Lower	Upper
97	100		
99	64.4	44.9	83.5
83	93.2	66.9	124.3
85	59.9	42.2	78.4

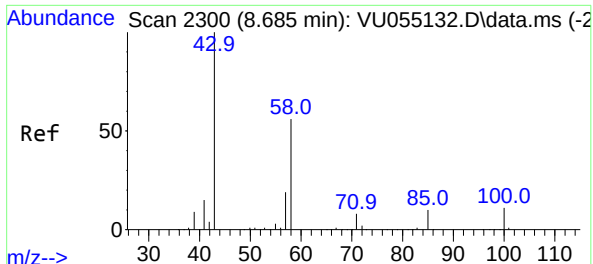


#47
Tetrachloroethene
Concen: 5.136 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 164 Resp: 37603

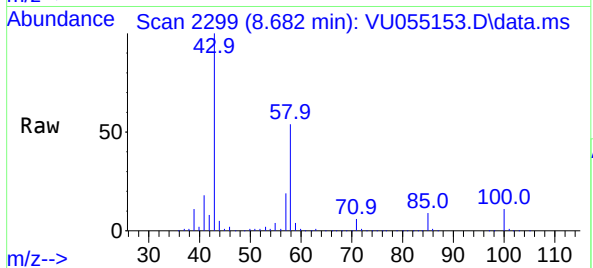
Ion	Ratio	Lower	Upper
164	100		
129	100.5	69.2	128.6
131	96.4	68.8	127.8
166	127.1	92.3	171.5



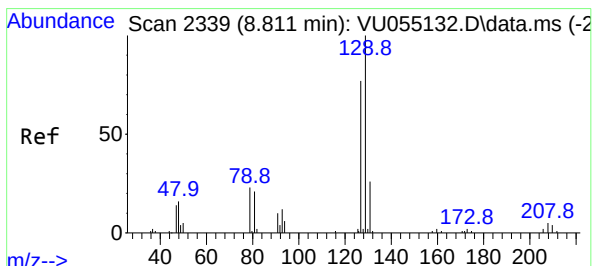
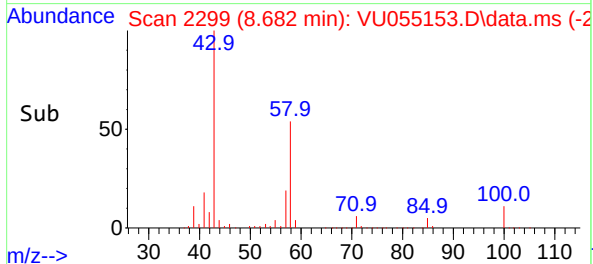
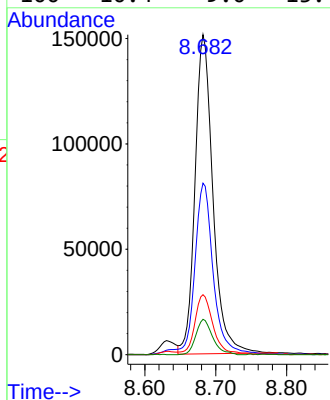


#48
2-Hexanone
Concen: 57.513 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :

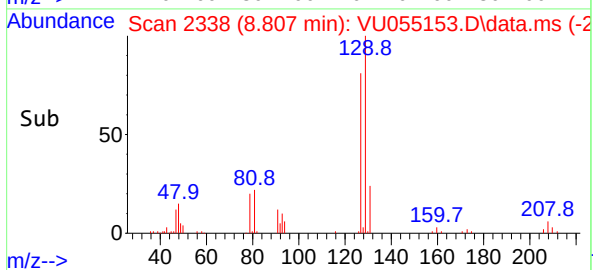
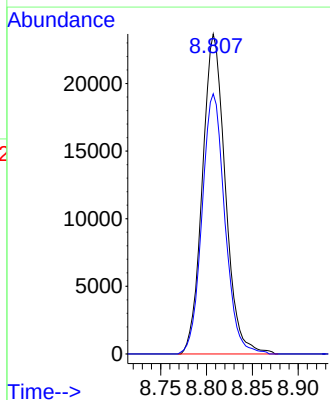
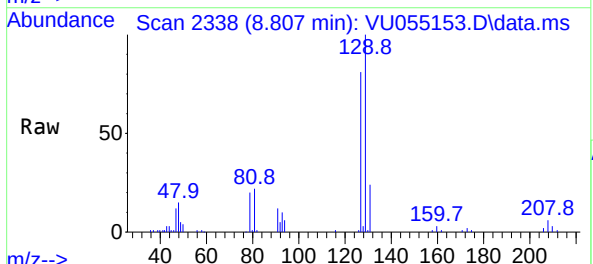


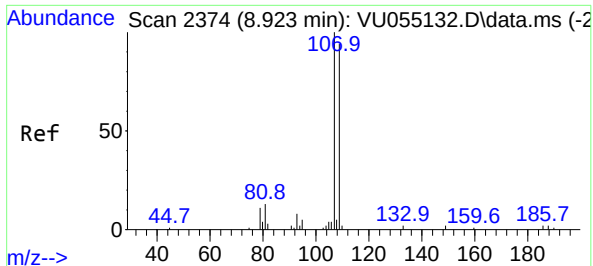
Tgt Ion: 43 Resp: 266685
Ion Ratio Lower Upper
43 100
58 56.2 44.0 66.0
57 19.3 16.2 24.2
100 10.4 9.0 13.4



#49
Dibromochloromethane
Concen: 5.389 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 129 Resp: 41119
Ion Ratio Lower Upper
129 100
127 81.3 55.9 103.7





#50

1,2-Dibromoethane

Concen: 5.898 ug/L

RT: 8.923 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU055153.D

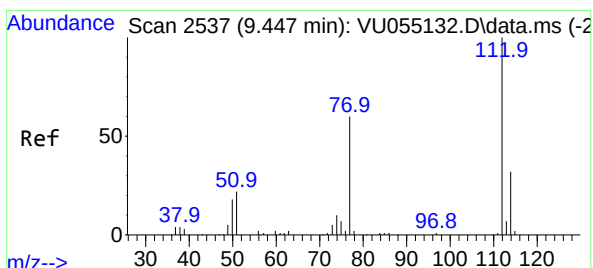
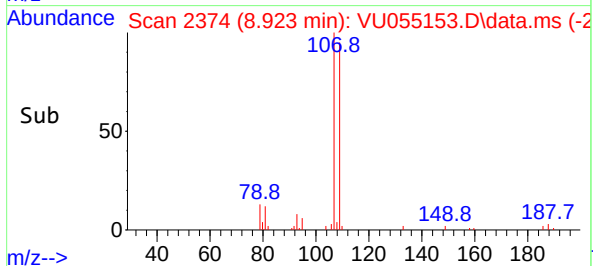
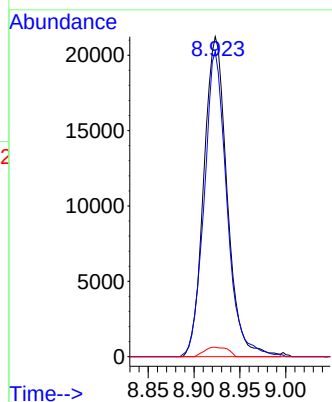
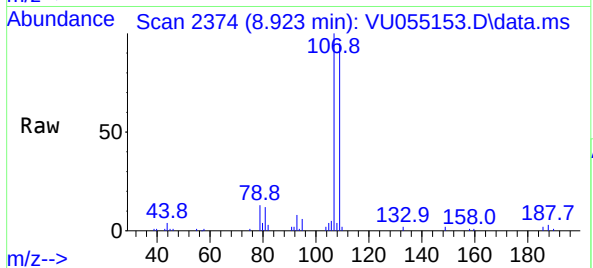
Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	37541
Ion	Ratio	Lower	Upper
107	100		
109	95.4	71.4	132.6
188	3.0	3.1	4.7#



#51

Chlorobenzene

Concen: 5.117 ug/L

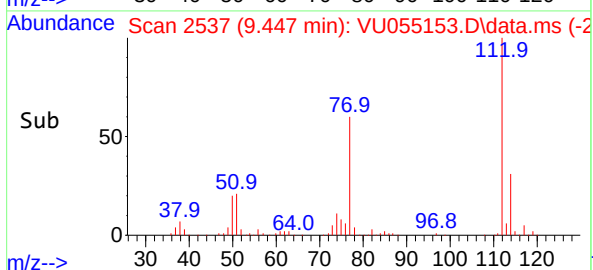
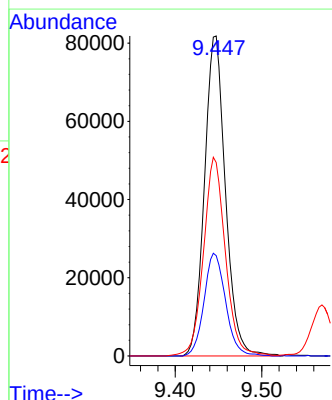
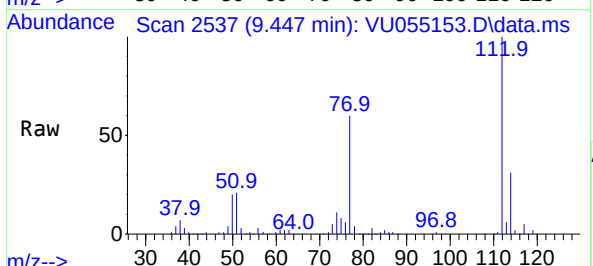
RT: 9.447 min Scan# 2537

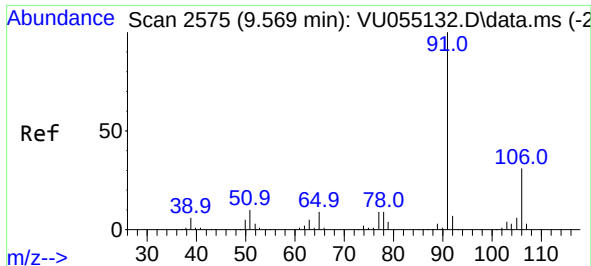
Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Tgt Ion:	112	Resp:	137721
Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.7	40.3
77	60.5	48.6	72.8





#52

Ethylbenzene

Concen: 5.097 ug/L

RT: 9.569 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

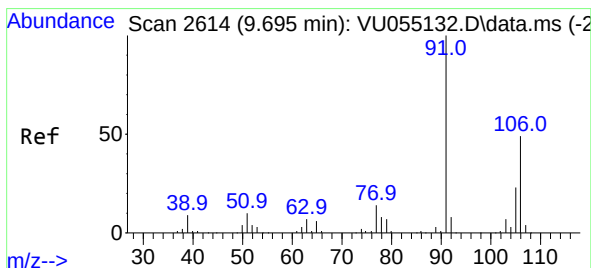
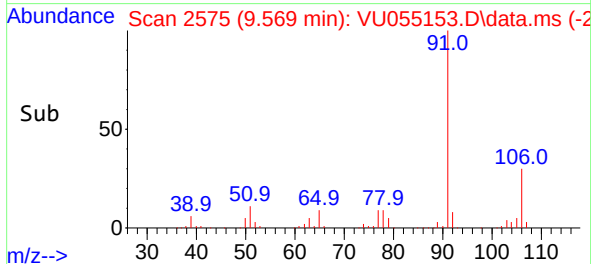
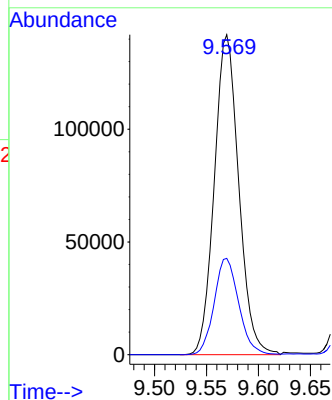
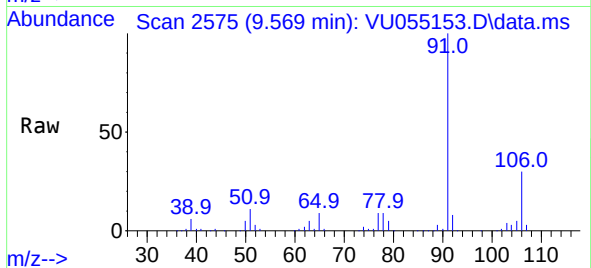
ClientSampleId :

Tgt Ion: 91 Resp: 231710

Ion Ratio Lower Upper

91 100

106 30.1 21.5 39.9



#53

m,p-Xylene

Concen: 5.018 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. -0.003 min

Lab File: VU055153.D

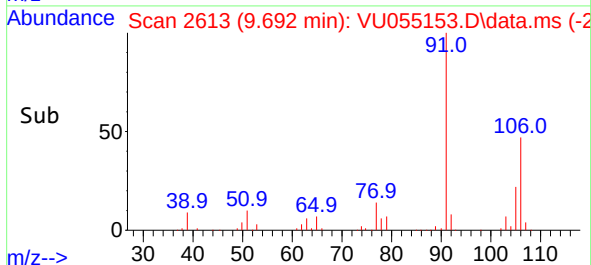
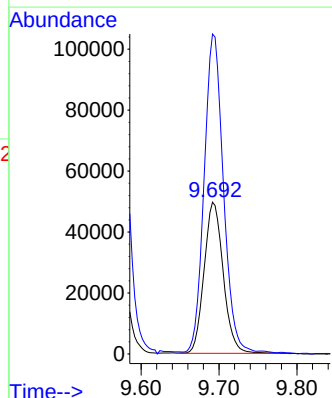
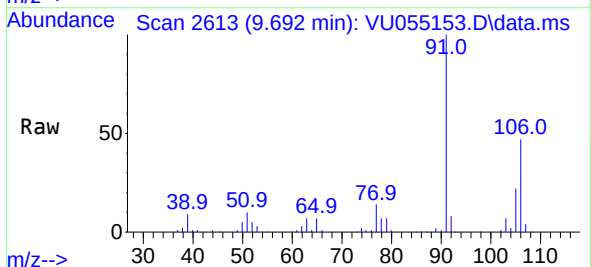
Acq: 06 Sep 2023 20:22

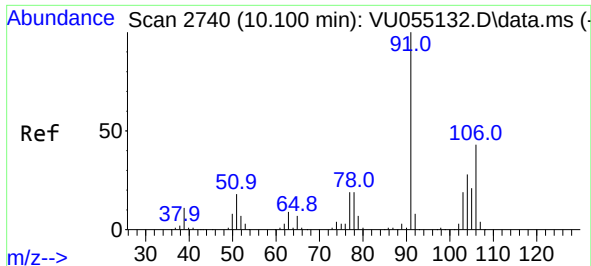
Tgt Ion:106 Resp: 84414

Ion Ratio Lower Upper

106 100

91 210.7 148.3 275.5

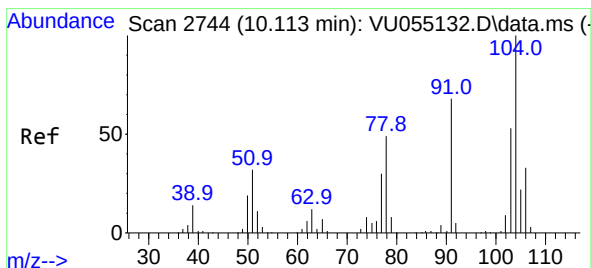
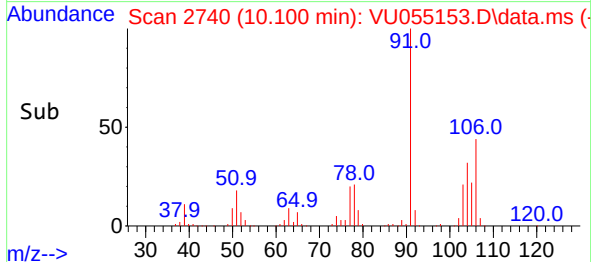
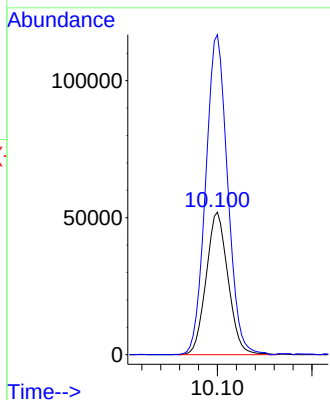
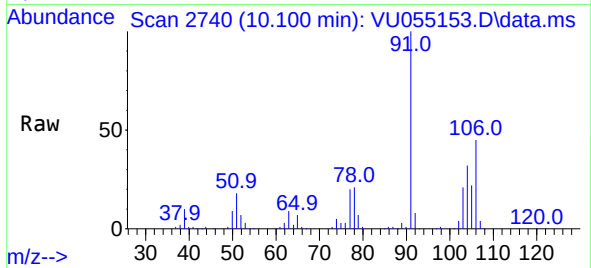




#54
o-Xylene
Concen: 5.058 ug/L
RT: 10.100 min Scan# 2740
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

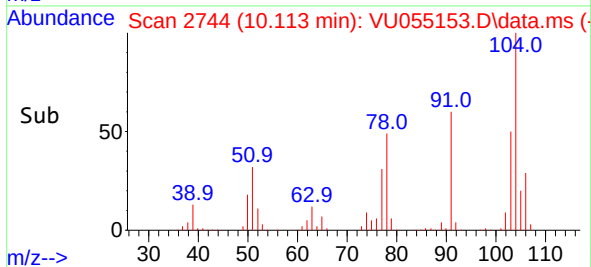
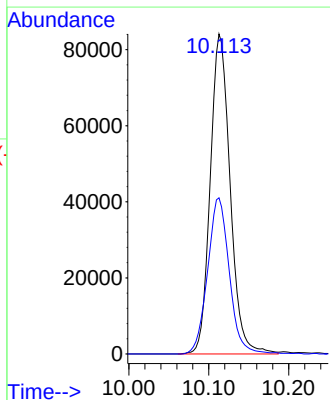
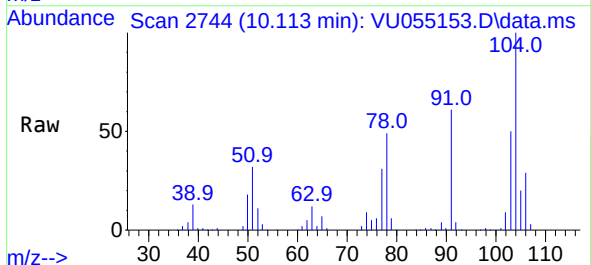
Instrument :
MSVOA_U
ClientSampleId :

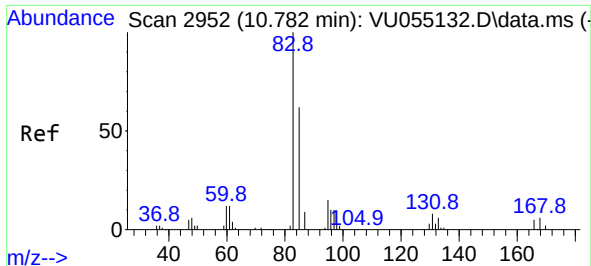
Tgt Ion:106 Resp: 83726
Ion Ratio Lower Upper
106 100
91 224.5 152.9 284.1



#55
Styrene
Concen: 5.318 ug/L
RT: 10.113 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion:104 Resp: 145379
Ion Ratio Lower Upper
104 100
78 48.8 32.8 61.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.856 ug/L

RT: 10.778 min Scan# 2951

Delta R.T. -0.003 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

ClientSampleId :

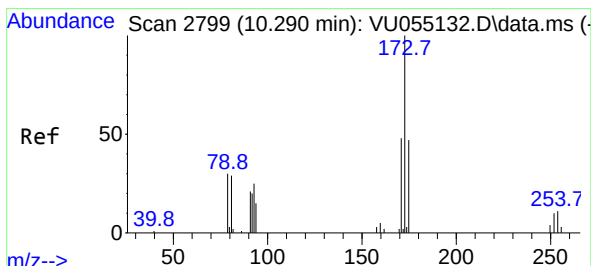
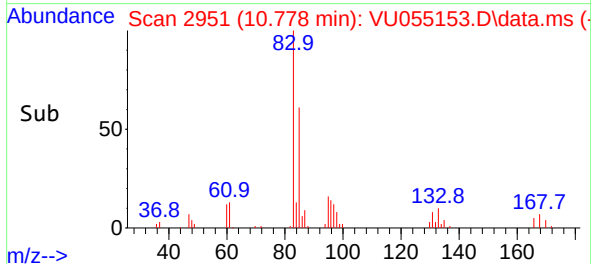
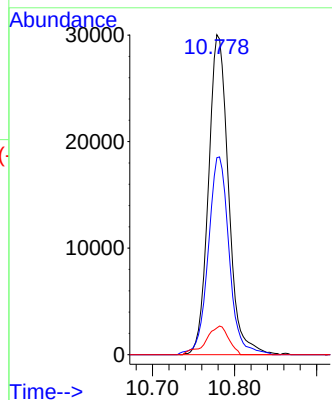
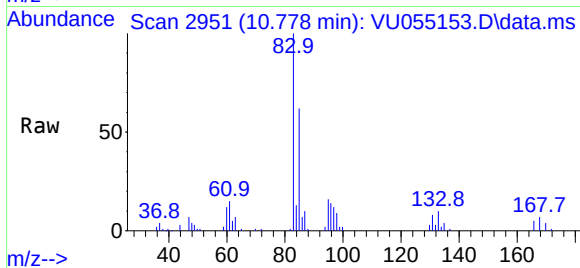
Tgt Ion: 83 Resp: 50986

Ion Ratio Lower Upper

83 100

85 61.6 42.4 78.6

131 8.4 7.6 11.4



#59

Bromoform

Concen: 5.292 ug/L

RT: 10.290 min Scan# 2799

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

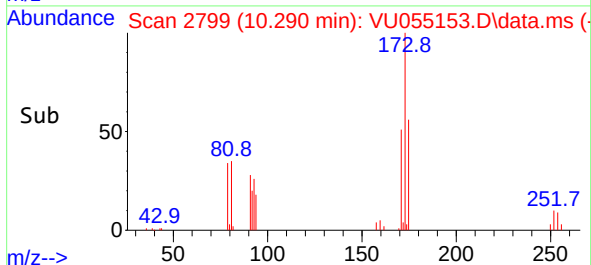
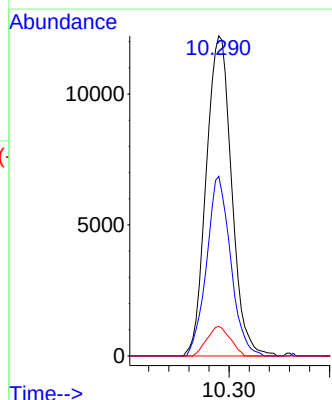
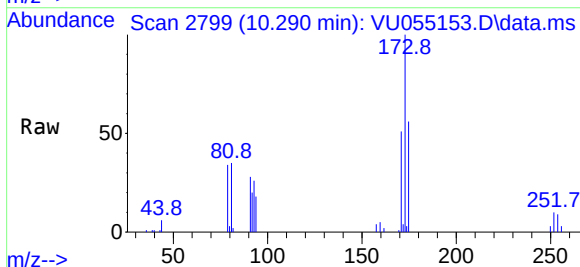
Tgt Ion:173 Resp: 21419

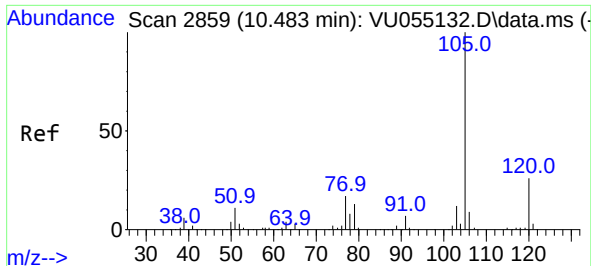
Ion Ratio Lower Upper

173 100

175 53.0 40.9 61.3

254 8.4 7.0 10.4

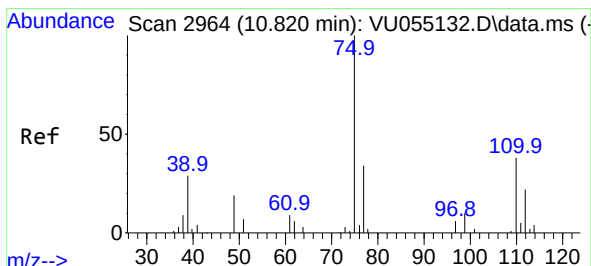
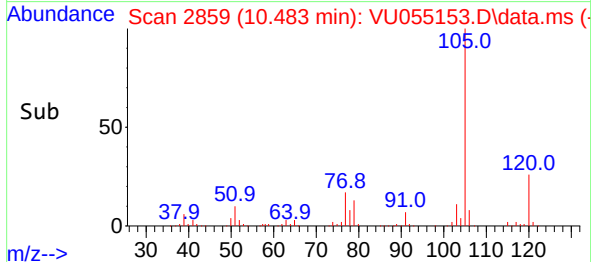
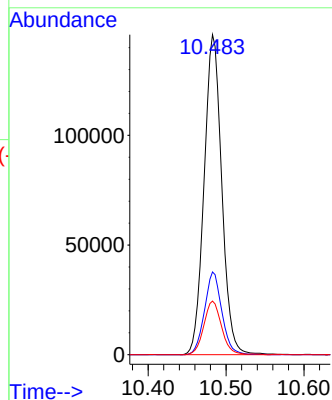
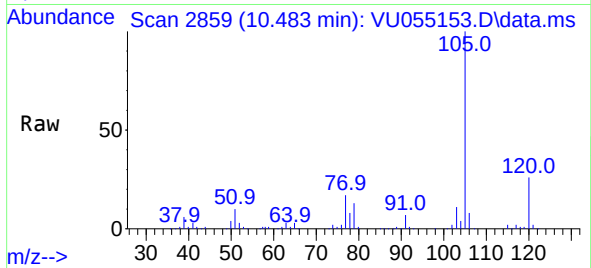




#60
Isopropylbenzene
Concen: 4.864 ug/L
RT: 10.483 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

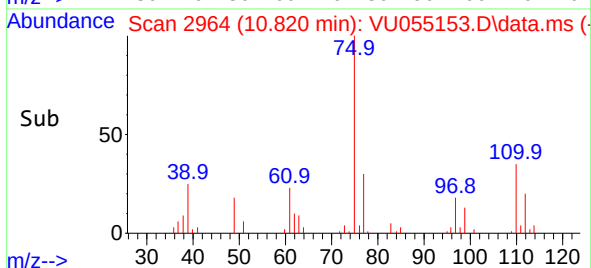
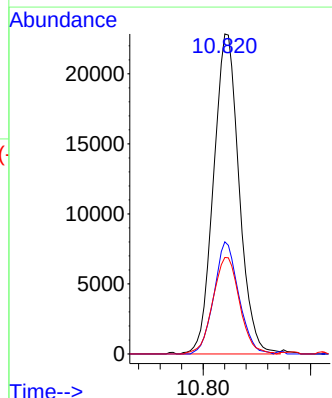
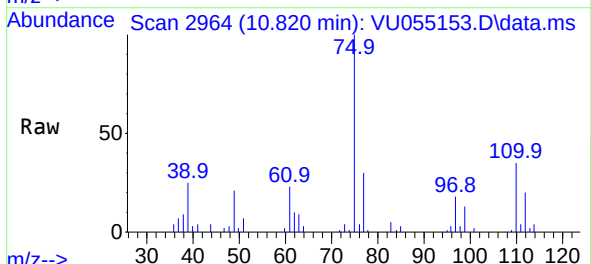
Instrument :
MSVOA_U
ClientSampleId :

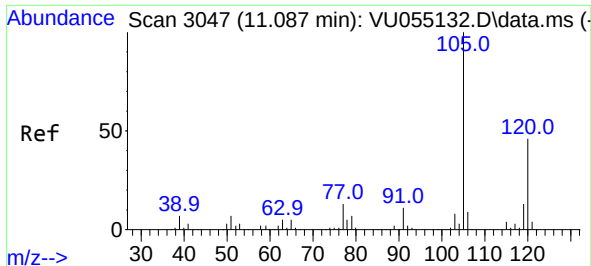
Tgt Ion:105 Resp: 229766
Ion Ratio Lower Upper
105 100
120 25.4 20.1 30.1
77 16.7 13.4 20.0



#61
1,2,3-Trichloropropane
Concen: 5.603 ug/L
RT: 10.820 min Scan# 2964
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion: 75 Resp: 37667
Ion Ratio Lower Upper
75 100
110 33.9 28.2 42.2
77 31.6 26.2 39.4

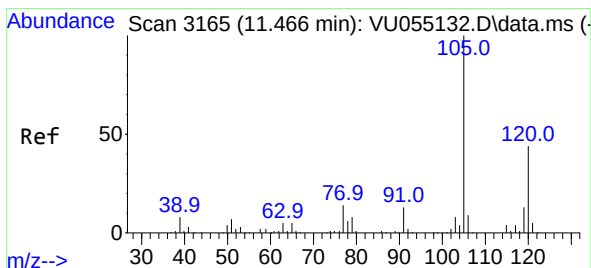
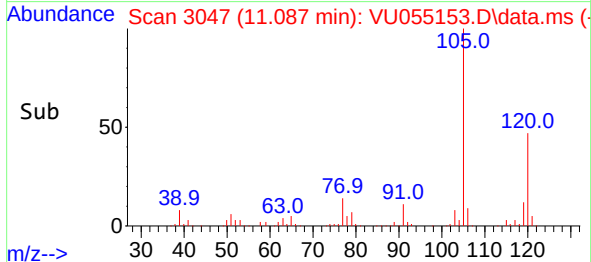
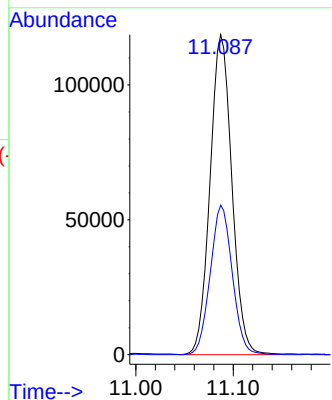
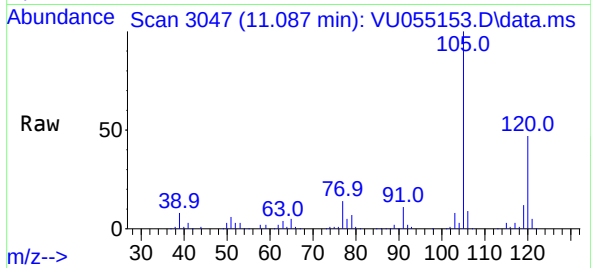




#62
1,3,5-Trimethylbenzene
Concen: 4.702 ug/L
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

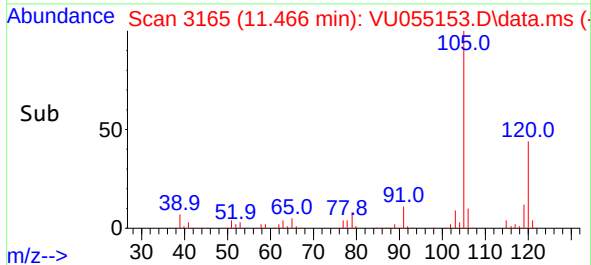
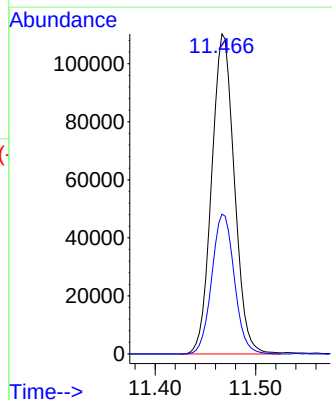
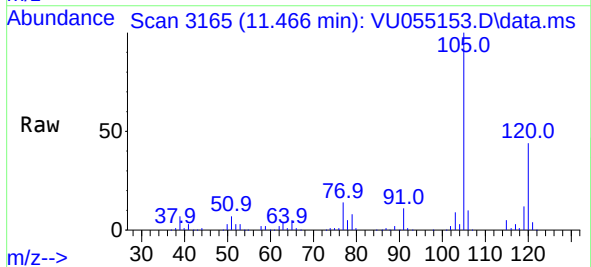
Instrument :
MSVOA_U
ClientSampleId :

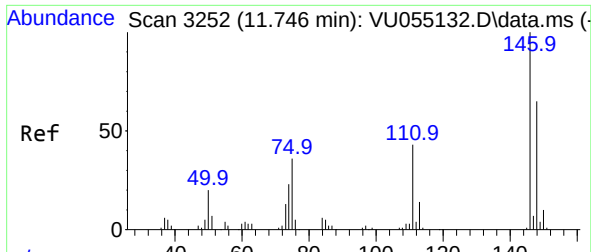
Tgt Ion:105 Resp: 184774
Ion Ratio Lower Upper
105 100
120 47.1 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 4.469 ug/L
RT: 11.466 min Scan# 3165
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion:105 Resp: 173089
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 4.913 ug/L

RT: 11.746 min Scan# 31

Delta R.T. 0.000 min

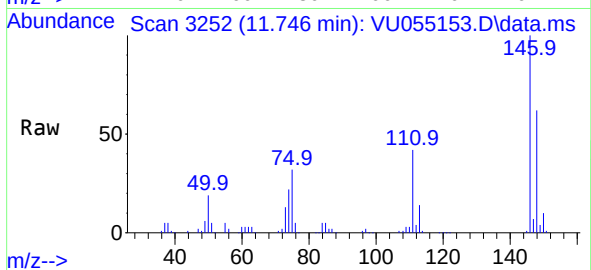
Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

ClientSampleId :



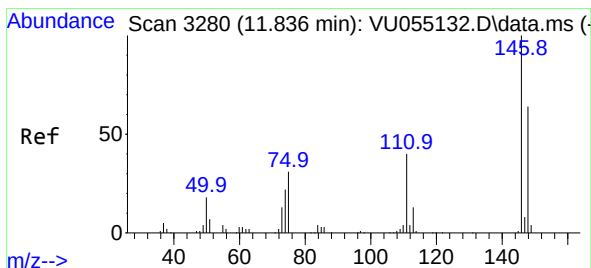
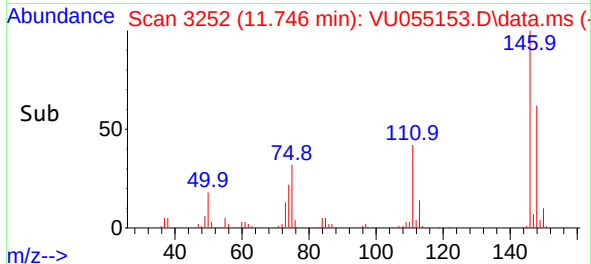
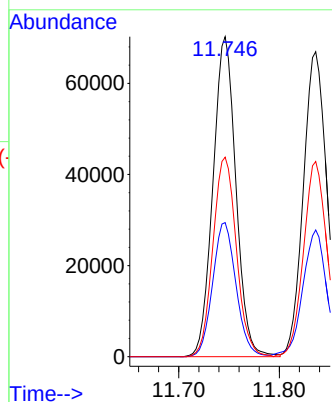
Tgt Ion:146 Resp: 111419

Ion Ratio Lower Upper

146 100

111 41.9 30.0 55.6

148 62.4 45.2 84.0



#65

1,4-Dichlorobenzene

Concen: 4.900 ug/L

RT: 11.836 min Scan# 3280

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

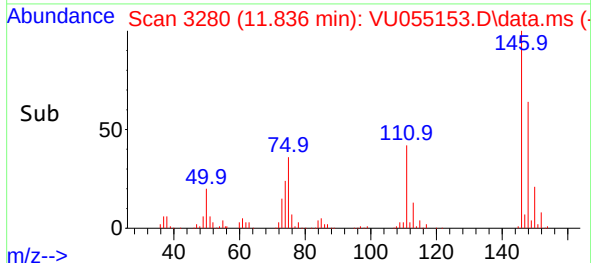
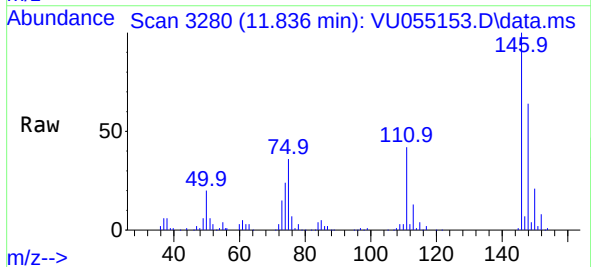
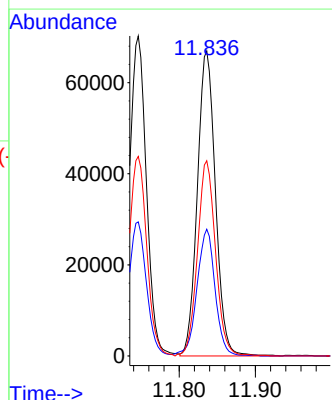
Tgt Ion:146 Resp: 110763

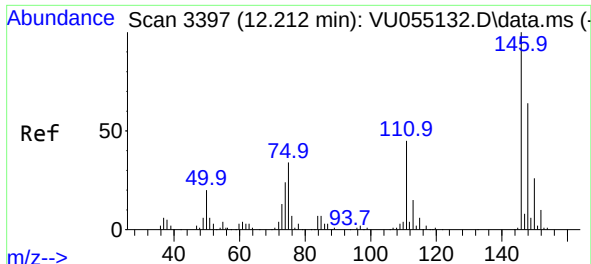
Ion Ratio Lower Upper

146 100

111 41.5 28.1 52.1

148 64.0 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 4.948 ug/L

RT: 12.212 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

ClientSampleId :

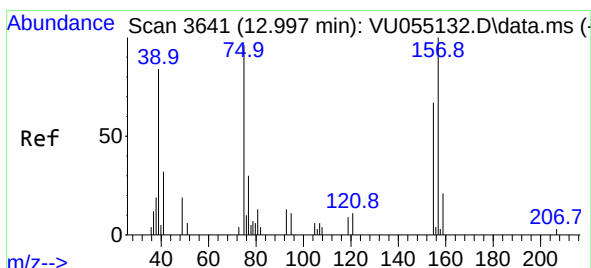
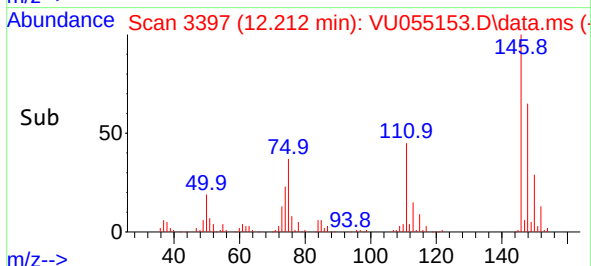
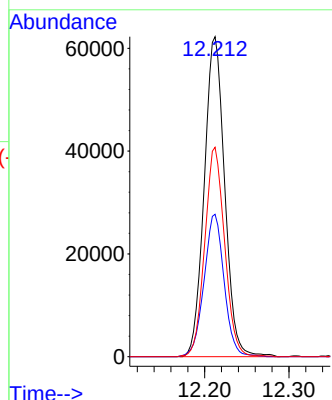
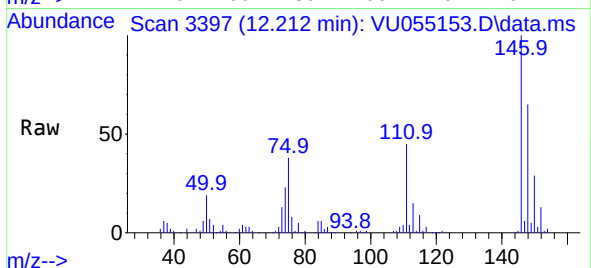
Tgt Ion:146 Resp: 105206

Ion Ratio Lower Upper

146 100

111 44.5 35.6 53.4

148 65.4 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 5.406 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

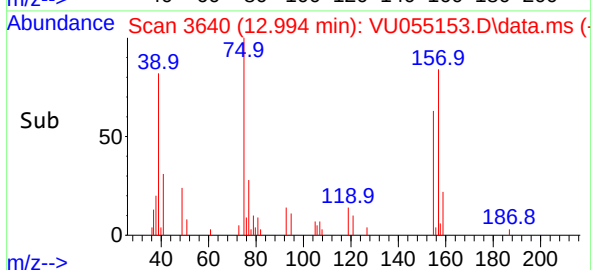
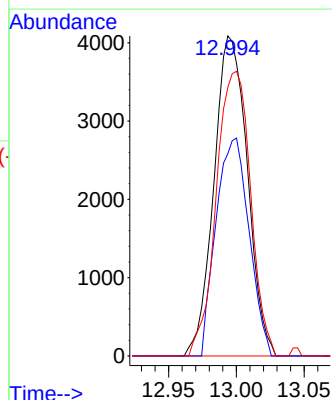
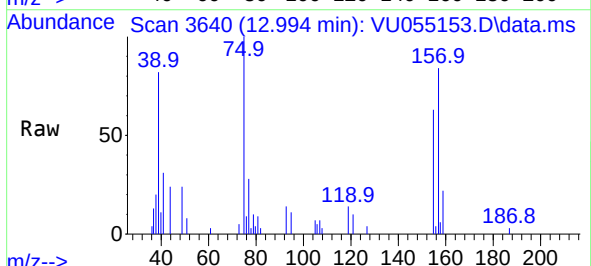
Tgt Ion: 75 Resp: 7002

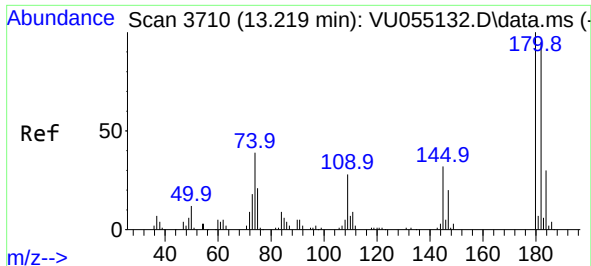
Ion Ratio Lower Upper

75 100

155 63.2 61.1 91.7

157 84.0 66.8 100.2





#69

1,3,5-Trichlorobenzene

Concen: 4.362 ug/L

RT: 13.219 min Scan# 3710

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 74759

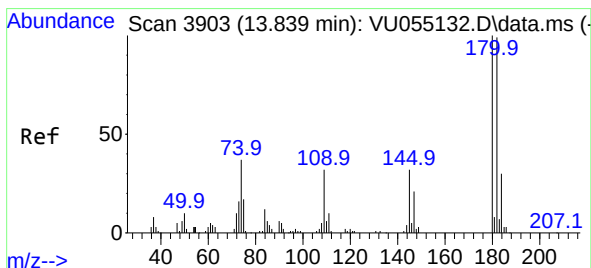
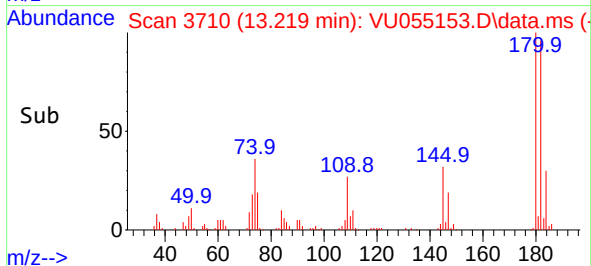
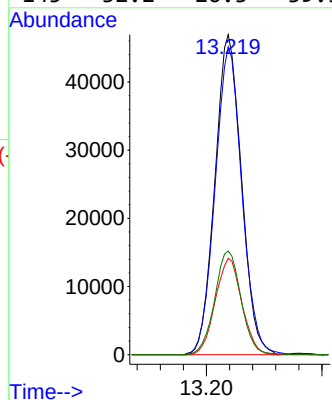
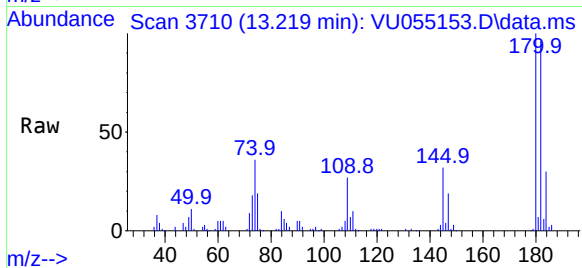
Ion Ratio Lower Upper

180 100

182 97.0 75.8 113.6

184 30.0 24.0 36.0

145 32.2 26.3 39.5



#70

1,2,4-trichlorobenzene

Concen: 3.694 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.000 min

Lab File: VU055153.D

Acq: 06 Sep 2023 20:22

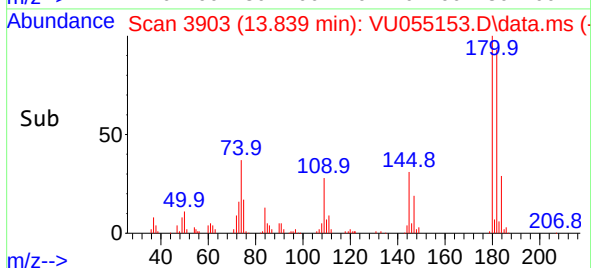
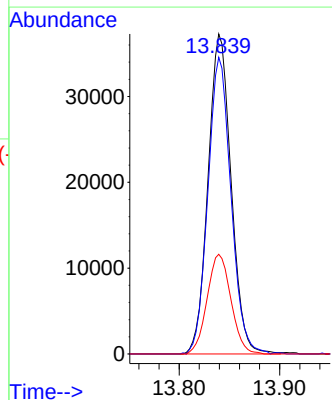
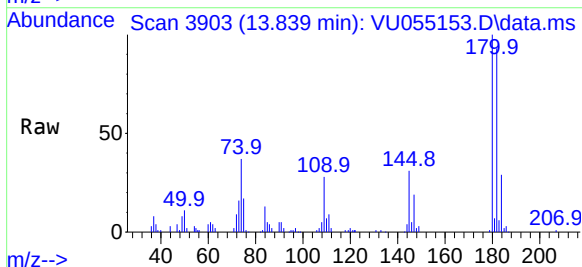
Tgt Ion:180 Resp: 59358

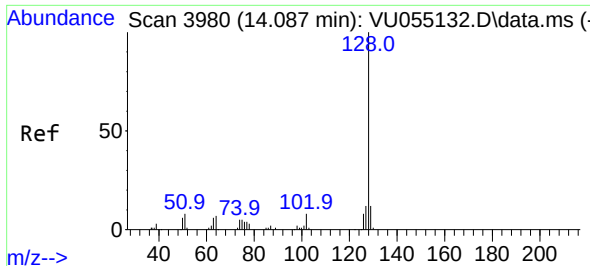
Ion Ratio Lower Upper

180 100

182 92.8 73.6 110.4

145 32.2 25.8 38.8

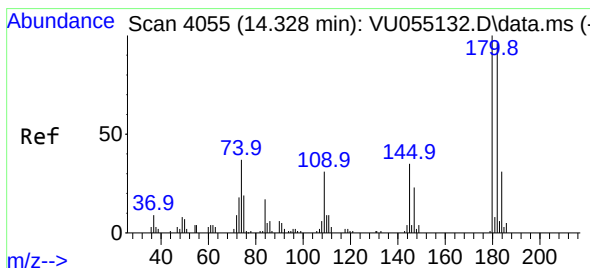
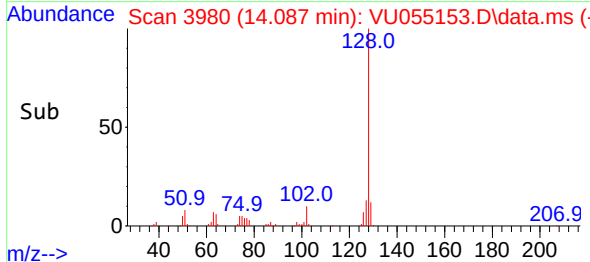
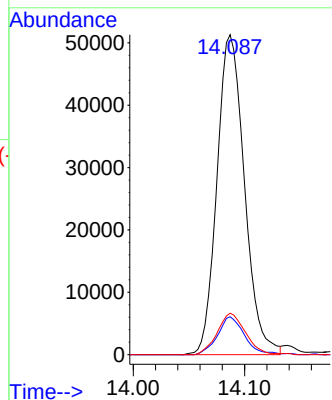
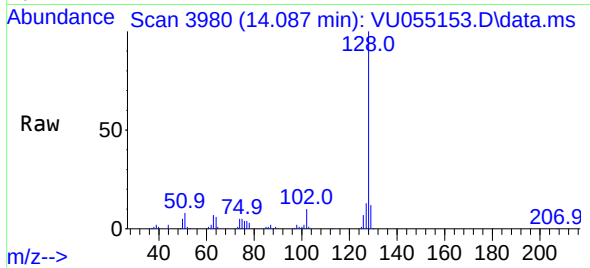




#71
Naphthalene
Concen: 3.016 ug/L
RT: 14.087 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128	Resp:	88089
Ion Ratio	Lower	Upper
128	100	
129	11.6	8.2 12.2
127	13.4	10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 3.698 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VU055153.D
Acq: 06 Sep 2023 20:22

Tgt Ion:180	Resp:	51586
Ion Ratio	Lower	Upper
180	100	
182	95.2	75.6 113.4
145	34.0	27.0 40.6

