

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111823\
 Data File : VU056492.D
 Acq On : 18 Nov 2023 20:03
 Operator : MD/SY
 Sample : 05436-02MS
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1D1MS

Quant Time: Nov 18 23:15:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	292174	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	144254	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68497	3.134	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.600%
7) Chloroethane-d5	1.908	69	63674	3.800	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.560	65	32851	3.406	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	4.618	46	250575	57.502	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.000%
24) Chloroform-d	5.055	84	192870	4.563	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	97423	4.988	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	348051	4.107	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.200%
36) 1,2-Dichloropropane-d6	6.682	67	111825	4.379	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.600%
41) Toluene-d8	7.891	98	302105	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	8.174	79	44235	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.628	63	218335	56.722	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.440%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	96659	5.297	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	120407	4.518	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	112735	4.870	ug/L	100
3) Chloromethane	1.515	50	112065	4.737	ug/L	98
5) Vinyl chloride	1.602	62	107499	4.716	ug/L	96
6) Bromomethane	1.853	94	50811	4.404	ug/L	94
8) Chloroethane	1.927	64	64653	4.643	ug/L	94
9) Trichlorofluoromethane	2.133	101	162497	4.947	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	97830	5.017	ug/L	99
12) 1,1-Dichloroethene	2.576	96	86259	4.823	ug/L	87
13) Acetone	2.628	43	121933	32.853	ug/L	98
14) Carbon disulfide	2.789	76	244633	4.203	ug/L	97
15) Methyl Acetate	2.946	43	31794	4.814	ug/L	100
16) Methylene chloride	3.039	84	103844	4.387	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	222294	5.116	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88955	4.834	ug/L	97
19) 1,1-Dichloroethane	3.862	63	182344	5.002	ug/L	97
21) 2-Butanone	4.698	43	211310	43.877	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	107072	5.131	ug/L	96
23) Bromochloromethane	4.969	128	45607	5.309	ug/L	94
25) Chloroform	5.081	83	196817	4.984	ug/L	99

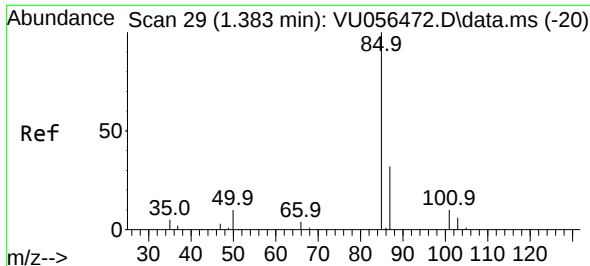
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	116073	5.176	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	168262	5.154	ug/L	99
30) Cyclohexane	5.380	56	135191	4.363	ug/L	99
31) Carbon tetrachloride	5.518	117	143202	5.107	ug/L	98
33) Benzene	5.769	78	399944	4.928	ug/L	100
34) Trichloroethene	6.538	95	106663	4.824	ug/L	97
35) Methylcyclohexane	6.759	83	143585	4.498	ug/L	98
37) 1,2-Dichloropropane	6.785	63	106697	5.042	ug/L	100
38) Bromodichloromethane	7.100	83	134602	4.927	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	151617	4.875	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	537764	51.260	ug/L	99
42) Toluene	7.965	91	423837	5.045	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	126075	5.086	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	74974	5.319	ug/L	96
47) Tetrachloroethene	8.550	164	75623	5.072	ug/L	99
48) 2-Hexanone	8.679	43	395780	48.426	ug/L	98
49) Dibromochloromethane	8.804	129	84761	5.288	ug/L	93
50) 1,2-Dibromoethane	8.920	107	68258	5.130	ug/L	96
51) Chlorobenzene	9.444	112	274136	5.078	ug/L	99
52) Ethylbenzene	9.566	91	473476	5.075	ug/L	100
53) m,p-Xylene	9.689	106	178033	5.191	ug/L	96
54) o-Xylene	10.097	106	172420	5.175	ug/L	98
55) Styrene	10.110	104	297034	5.360	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	91798	5.334	ug/L #	96
59) Bromoform	10.283	173	49594	5.519	ug/L	95
60) Isopropylbenzene	10.480	105	470433	5.057	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	63525	5.132	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	379957	4.974	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	379506	5.033	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	220403	5.208	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	211496	4.982	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	202189	5.208	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	13919	5.265	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.216	180	159302	5.000	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	126997	4.894	ug/L	98
71) Naphthalene	14.081	128	185850	4.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	108510	5.076	ug/L	98

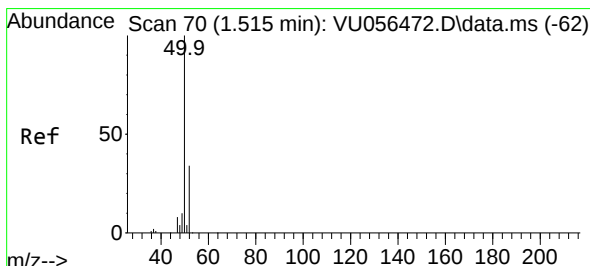
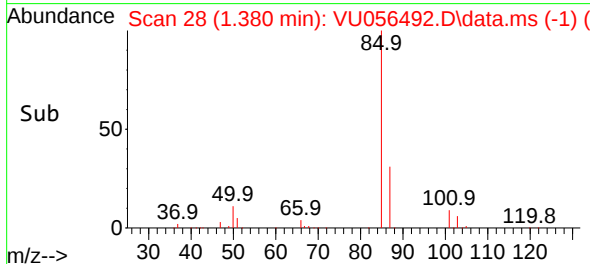
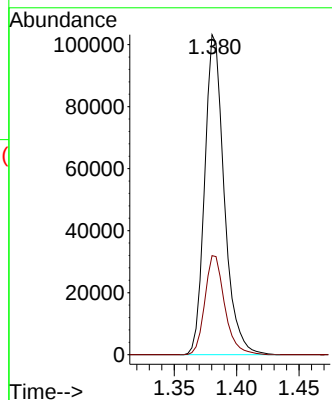
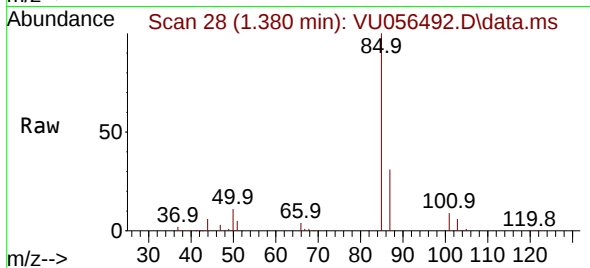
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 4.870 ug/L
 RT: 1.380 min Scan# 29
 Delta R.T. -0.003 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

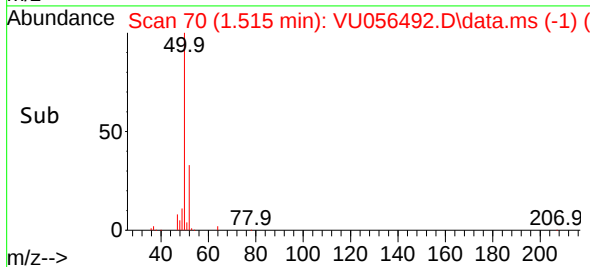
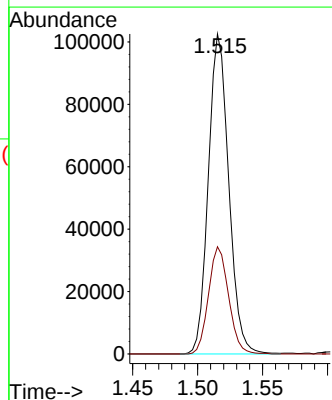
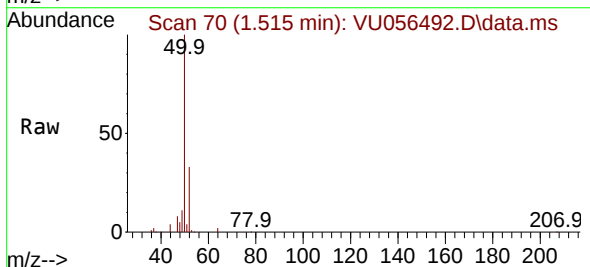
Instrument :
 MSVOA_U
 ClientSampleId :
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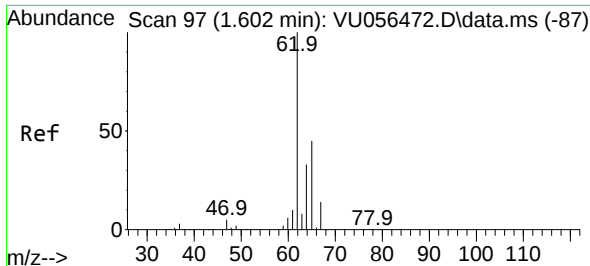
Tgt Ion: 85 Resp: 112735
 Ion Ratio Lower Upper
 85 100
 87 31.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.737 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

Tgt Ion: 50 Resp: 112065
 Ion Ratio Lower Upper
 50 100
 52 33.5 24.3 45.1

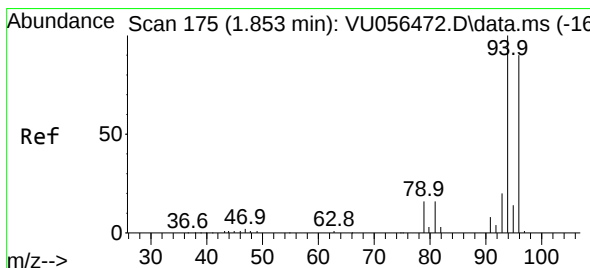
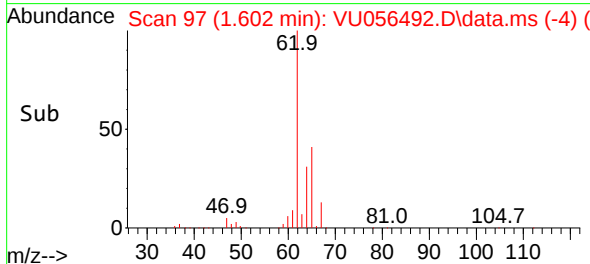
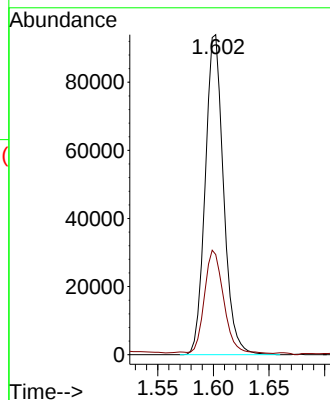
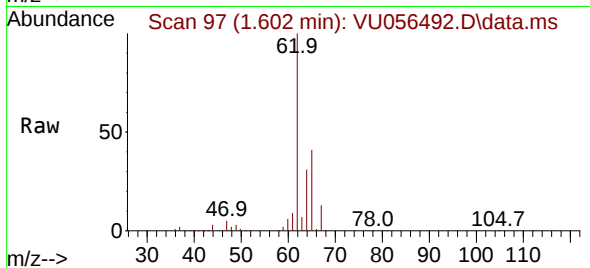




#5
 Vinyl chloride
 Concen: 4.716 ug/L
 RT: 1.602 min Scan# 97
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

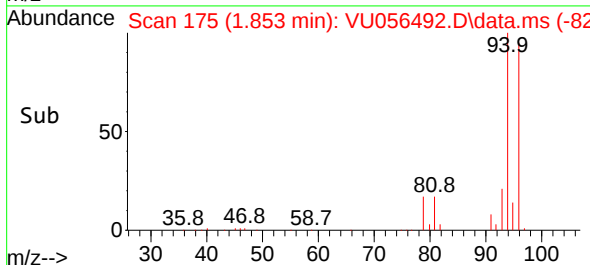
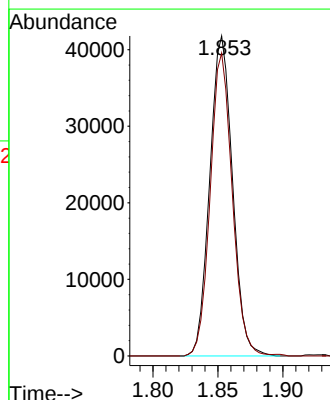
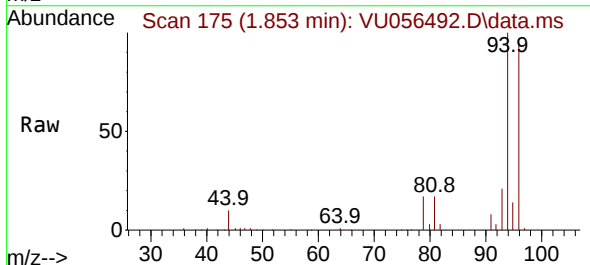
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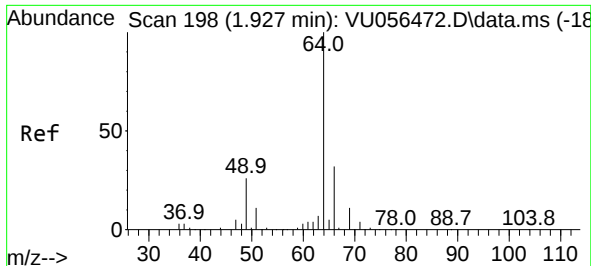
Tgt Ion: 62 Resp: 107499
 Ion Ratio Lower Upper
 62 100
 64 31.3 23.3 43.3



#6
 Bromomethane
 Concen: 4.404 ug/L
 RT: 1.853 min Scan# 175
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

Tgt Ion: 94 Resp: 50811
 Ion Ratio Lower Upper
 94 100
 96 94.6 62.6 116.2

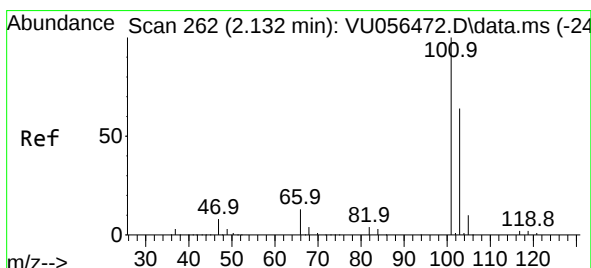
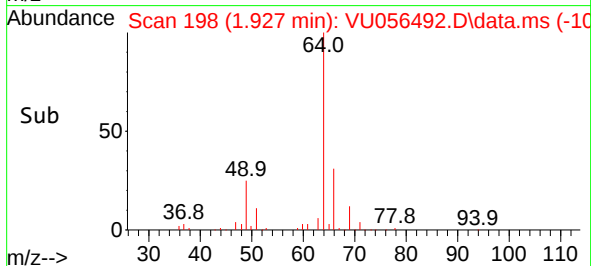
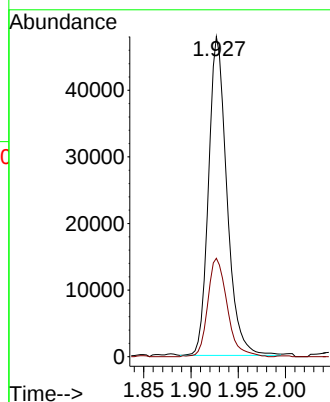
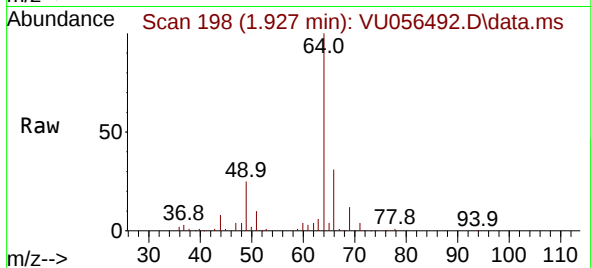




#8
Chloroethane
Concen: 4.643 ug/L
RT: 1.927 min Scan# 198
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

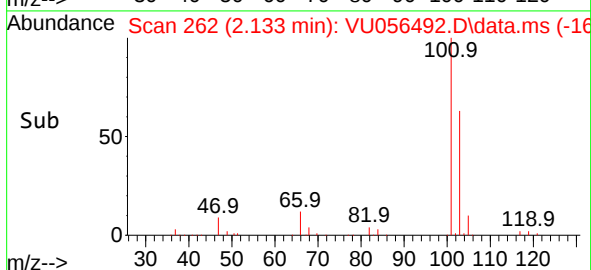
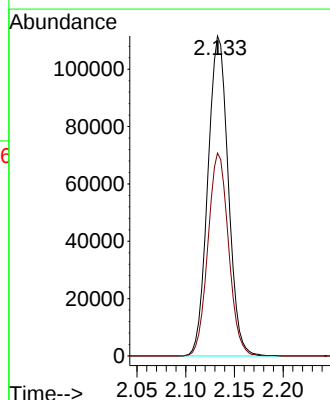
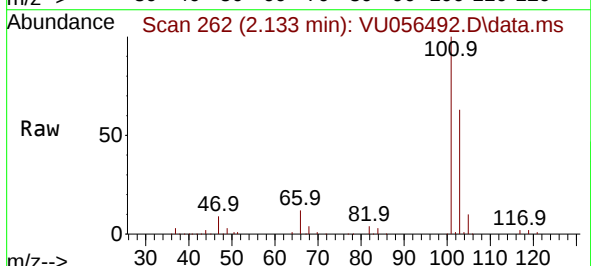
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ClientSampleId :
EY1D1MS

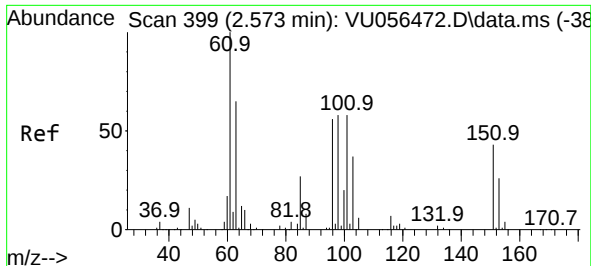
Tgt Ion: 64 Resp: 64653
Ion Ratio Lower Upper
64 100
66 30.8 23.9 44.5



#9
Trichlorofluoromethane
Concen: 4.947 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:101 Resp: 162497
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

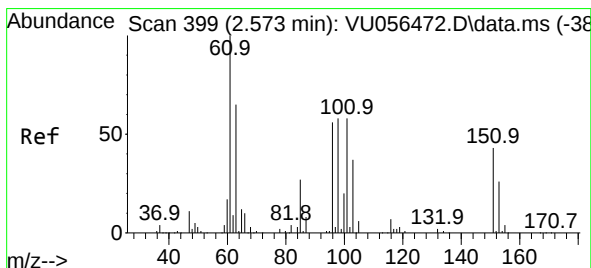
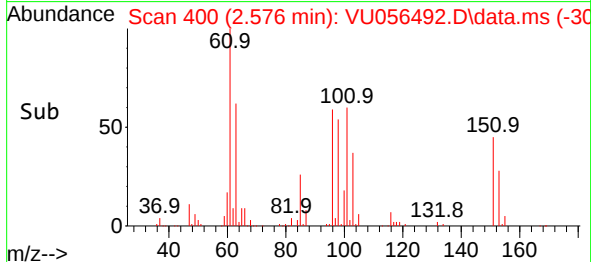
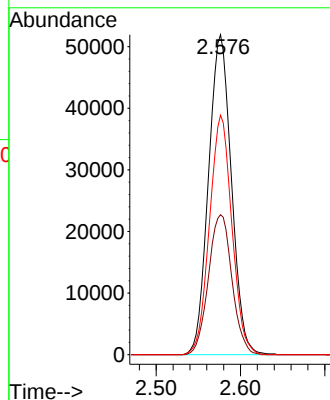
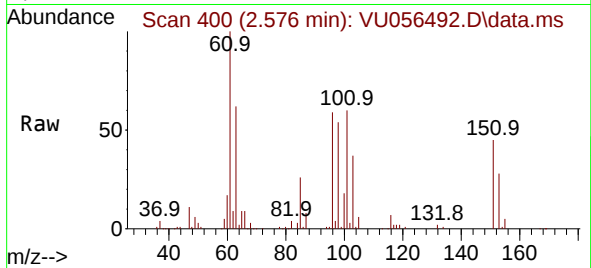




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.017 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

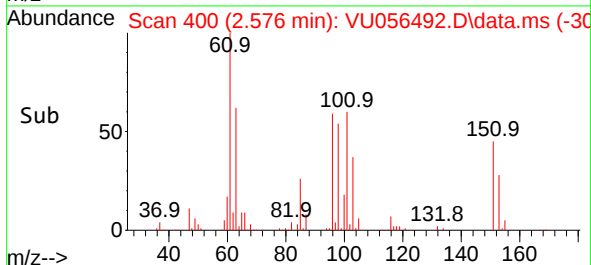
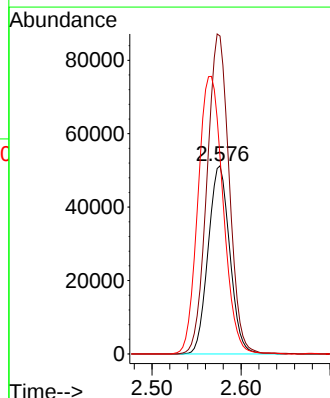
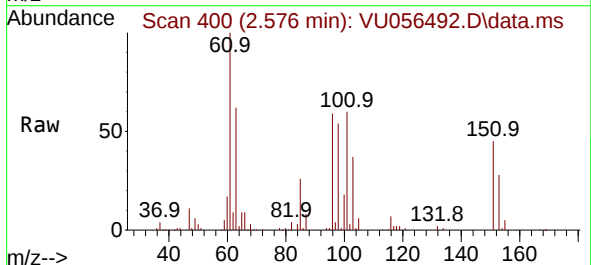
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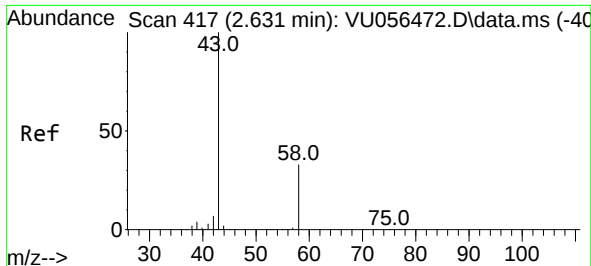
Tgt Ion:101 Resp: 97830
Ion Ratio Lower Upper
101 100
85 45.0 35.4 53.0
151 73.3 58.0 87.0



#12
1,1-Dichloroethene
Concen: 4.823 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 96 Resp: 86259
Ion Ratio Lower Upper
96 100
61 168.9 123.1 228.7
63 104.6 93.3 173.3





#13

Acetone

Concen: 32.853 ug/L

RT: 2.628 min Scan# 417

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

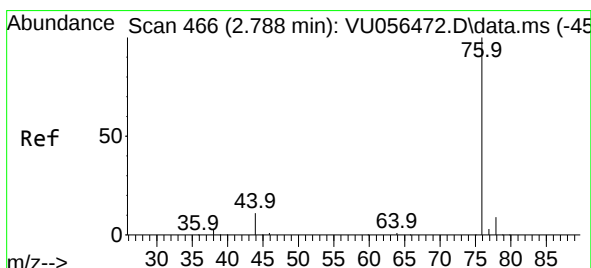
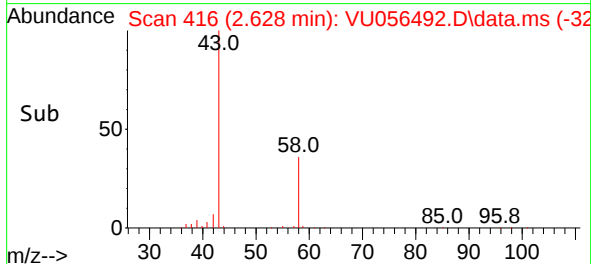
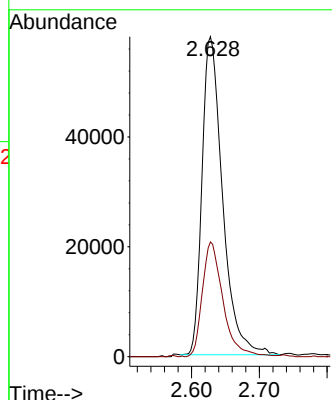
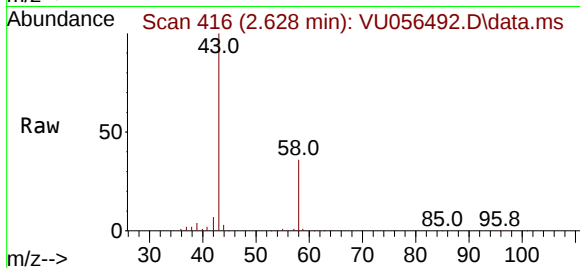
EY1D1MS

Tgt Ion: 43 Resp: 121933

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.0



#14

Carbon disulfide

Concen: 4.203 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056492.D

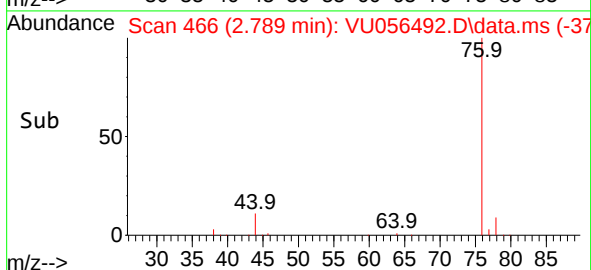
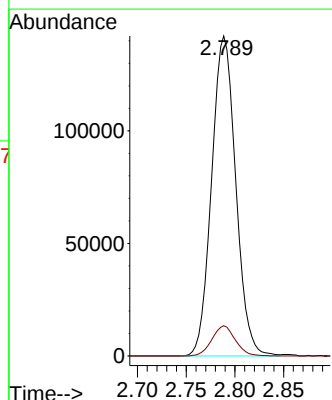
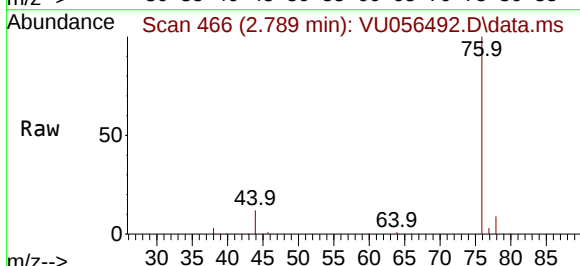
Acq: 18 Nov 2023 20:03

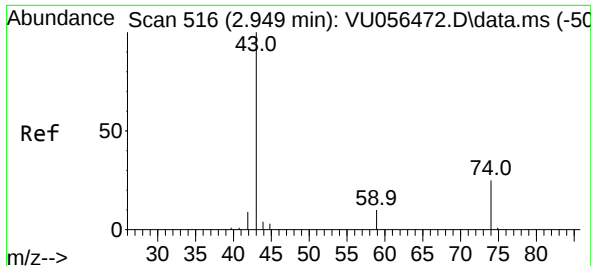
Tgt Ion: 76 Resp: 244633

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2

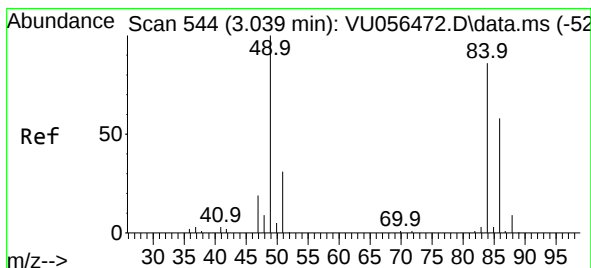
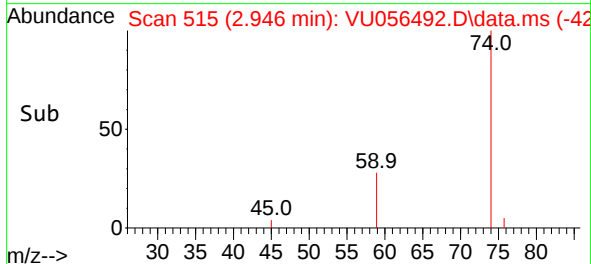
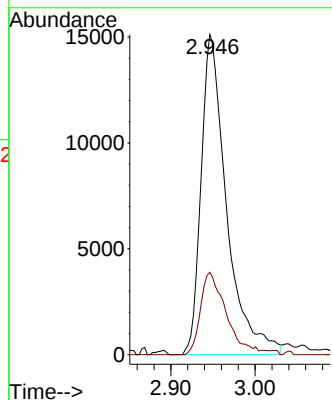
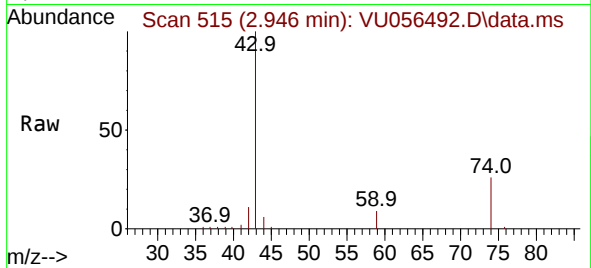




#15
Methyl Acetate
Concen: 4.814 ug/L
RT: 2.946 min Scan# 516
Delta R.T. -0.003 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

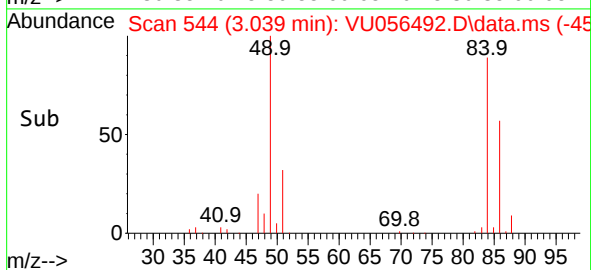
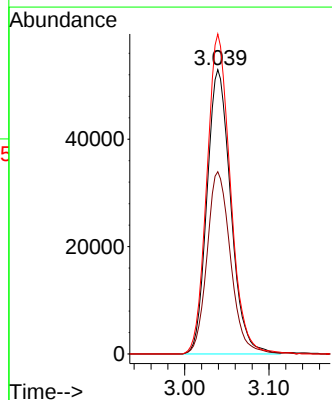
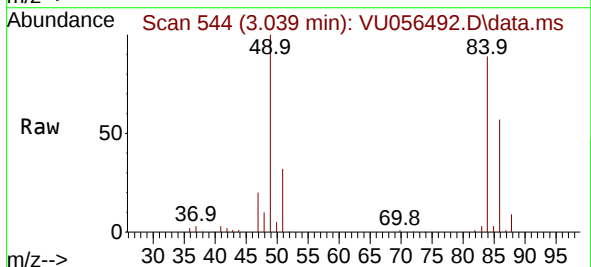
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

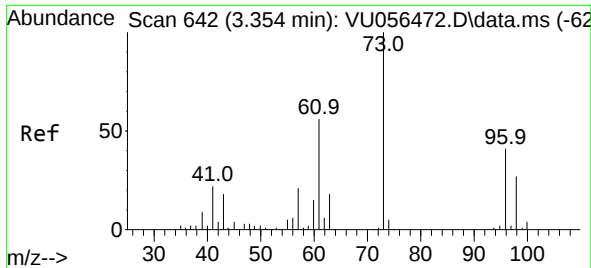
Tgt Ion: 43 Resp: 31794
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0



#16
Methylene chloride
Concen: 4.387 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 84 Resp: 103844
Ion Ratio Lower Upper
84 100
86 64.1 44.7 83.1
49 112.5 81.8 152.0

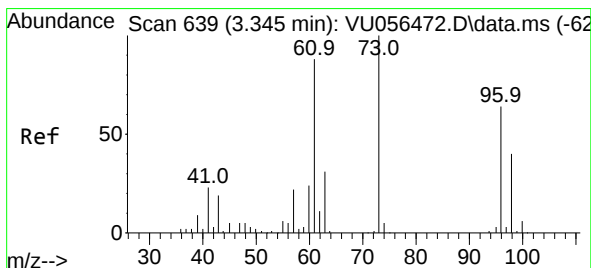
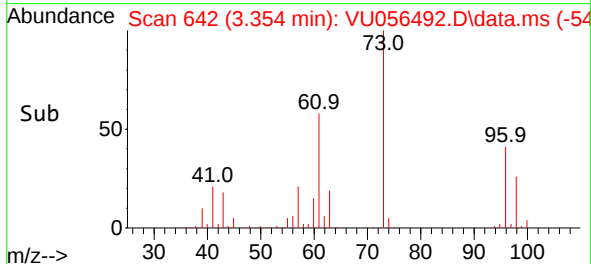
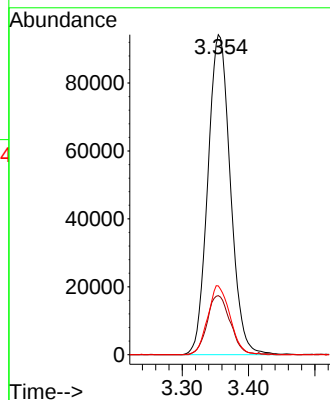
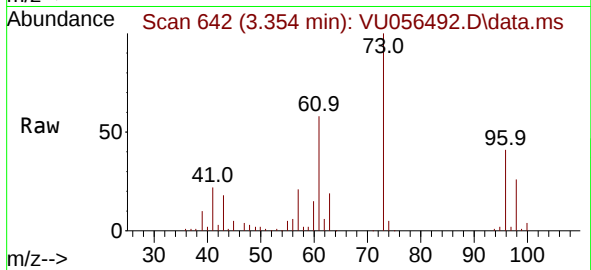




#17
Methyl tert-butyl Ether
Concen: 5.116 ug/L
RT: 3.354 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

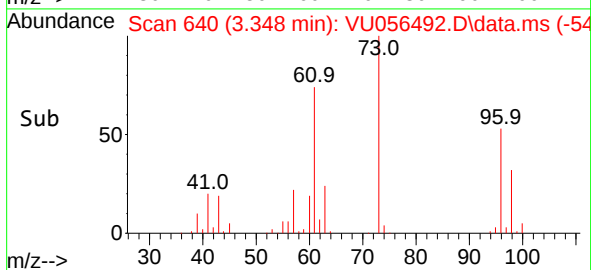
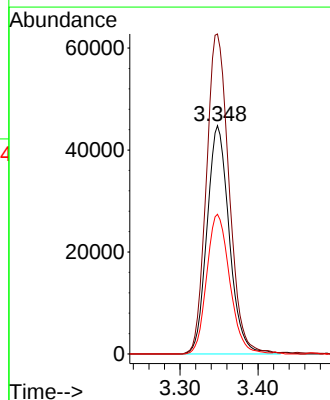
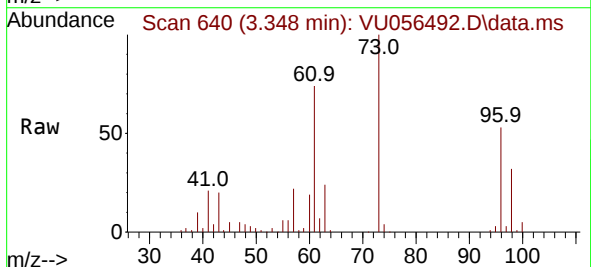
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

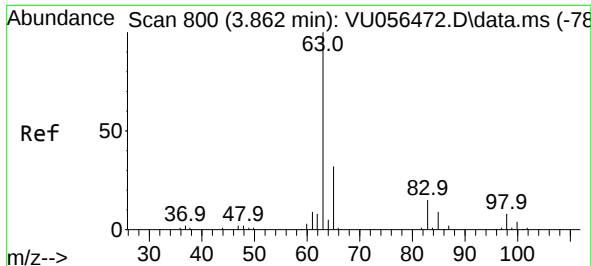
Tgt Ion: 73 Resp: 222294
Ion Ratio Lower Upper
73 100
43 18.9 15.1 22.7
57 21.4 17.8 26.8



#18
trans-1,2-Dichloroethene
Concen: 4.834 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 96 Resp: 88955
Ion Ratio Lower Upper
96 100
61 140.2 101.7 188.9
98 61.2 43.0 80.0





#19

1,1-Dichloroethane

Concen: 5.002 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

EY1D1MS

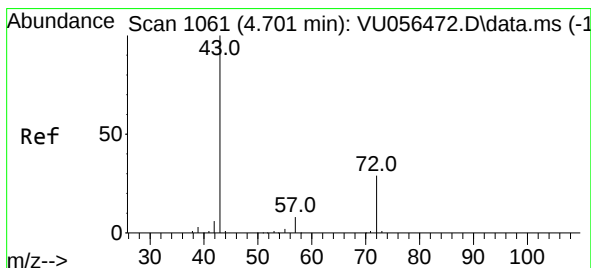
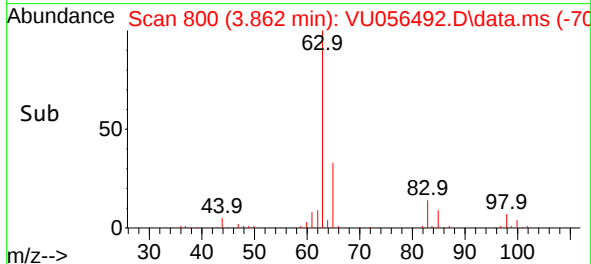
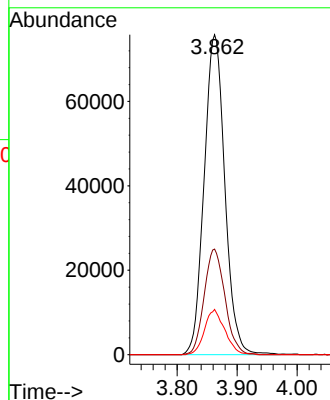
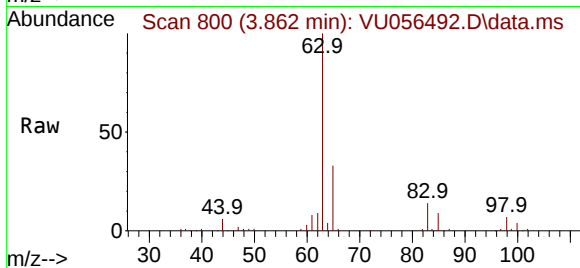
Tgt Ion: 63 Resp: 182344

Ion Ratio Lower Upper

63 100

65 33.0 21.8 40.6

83 14.2 9.7 17.9



#21

2-Butanone

Concen: 43.877 ug/L

RT: 4.698 min Scan# 1060

Delta R.T. 0.000 min

Lab File: VU056492.D

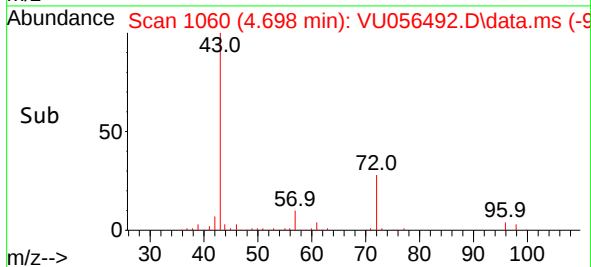
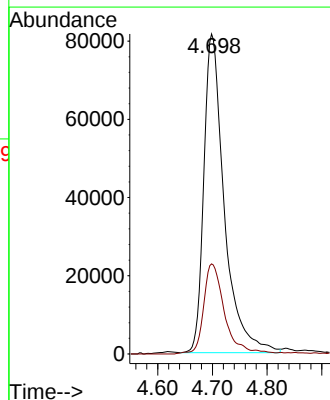
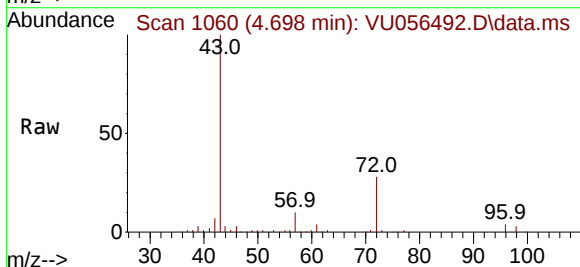
Acq: 18 Nov 2023 20:03

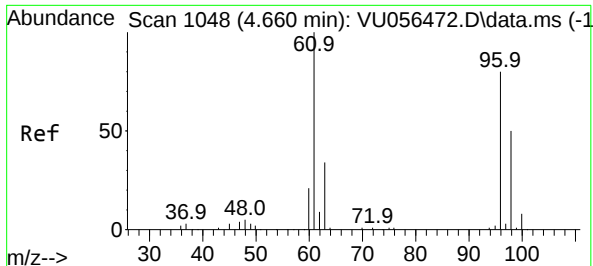
Tgt Ion: 43 Resp: 211310

Ion Ratio Lower Upper

43 100

72 28.1 14.2 42.6

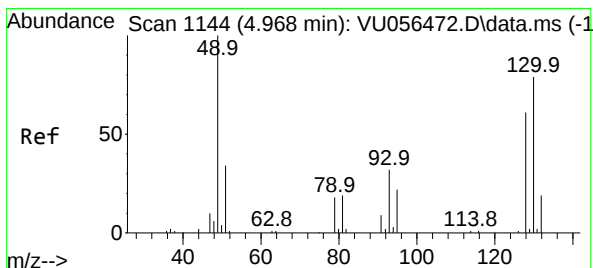
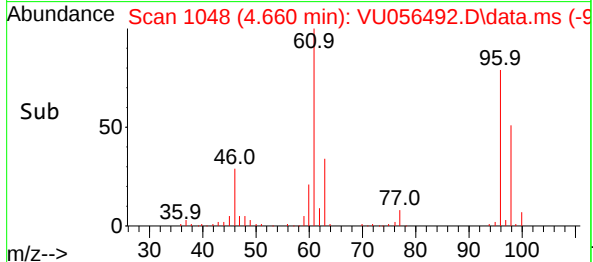
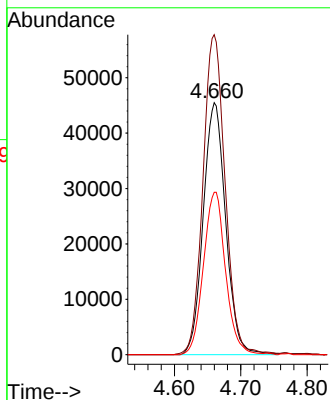
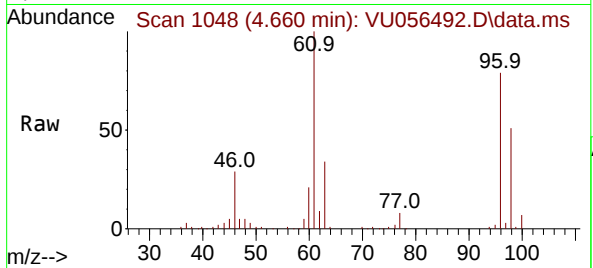




#22
 cis-1,2-Dichloroethene
 Concen: 5.131 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

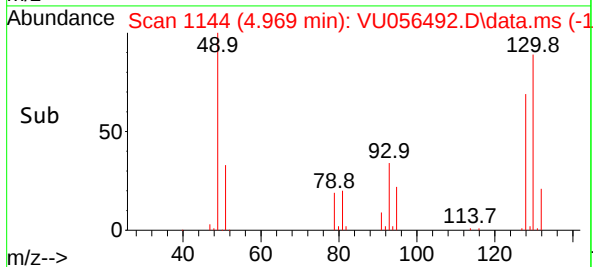
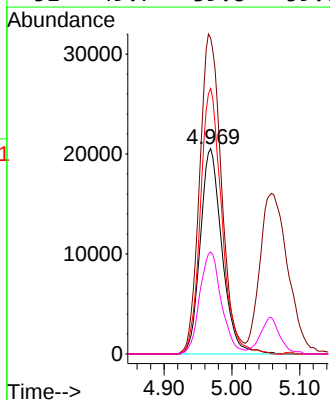
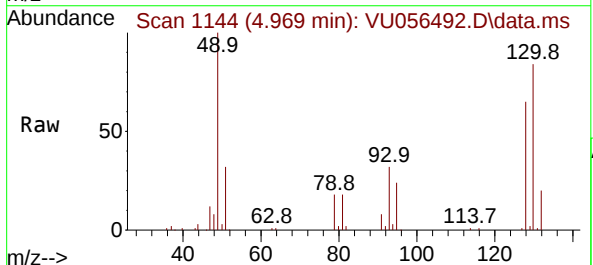
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1D1MS

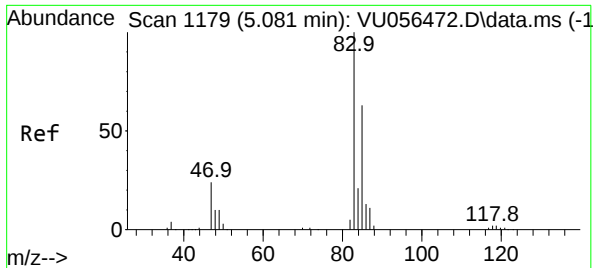
Tgt Ion: 96 Resp: 107072
 Ion Ratio Lower Upper
 96 100
 61 127.0 93.2 173.2
 98 64.4 44.8 83.2



#23
 Bromochloromethane
 Concen: 5.309 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.003 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

Tgt Ion: 128 Resp: 45607
 Ion Ratio Lower Upper
 128 100
 49 153.9 113.4 210.6
 130 129.3 84.8 157.6
 51 49.7 39.8 59.6





#25

Chloroform

Concen: 4.984 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

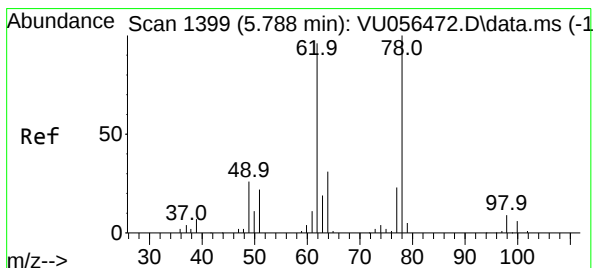
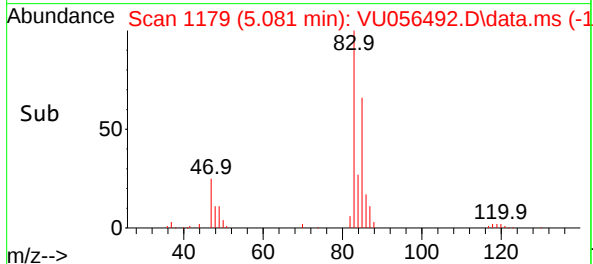
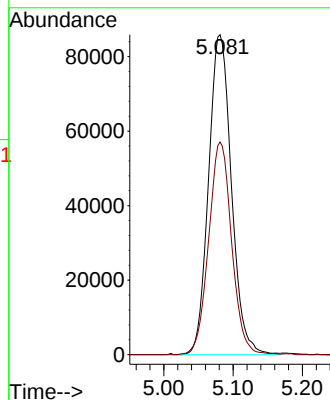
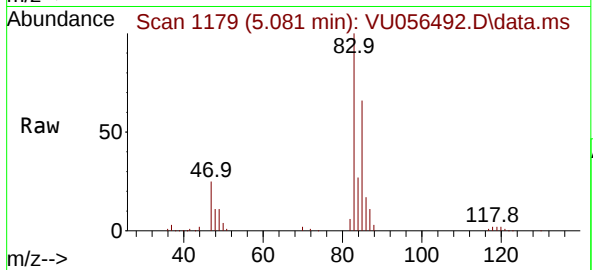
EY1D1MS

Tgt Ion: 83 Resp: 196817

Ion Ratio Lower Upper

83 100

85 66.5 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.176 ug/L

RT: 5.788 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056492.D

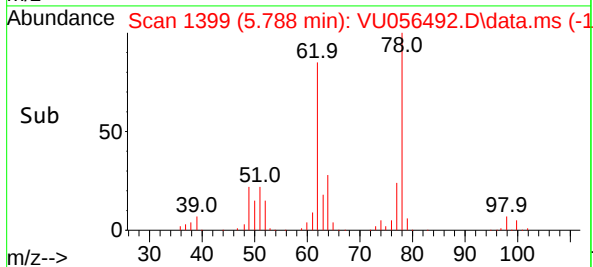
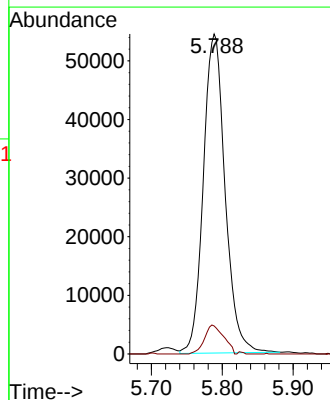
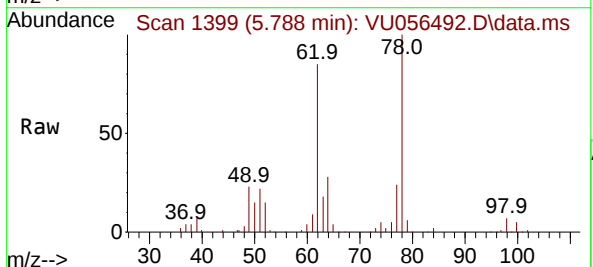
Acq: 18 Nov 2023 20:03

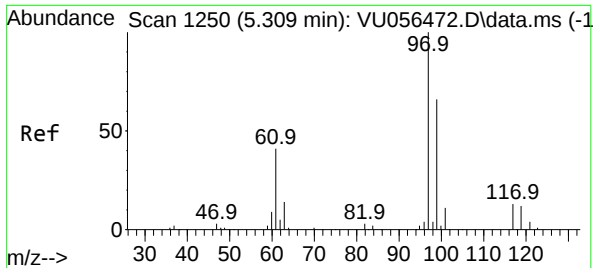
Tgt Ion: 62 Resp: 116073

Ion Ratio Lower Upper

62 100

98 8.7 6.6 10.0



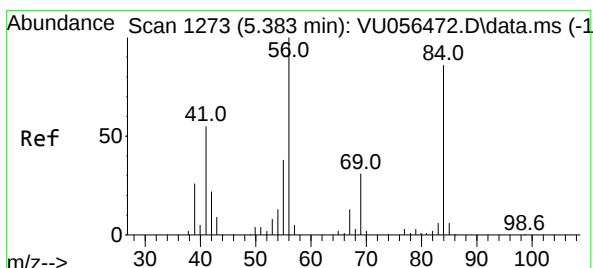
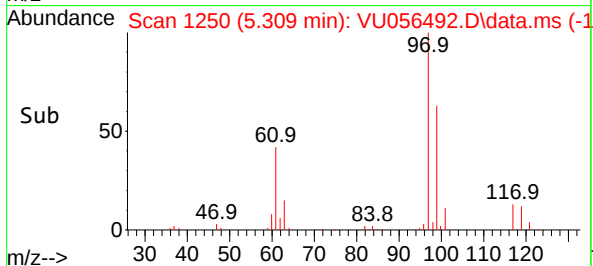
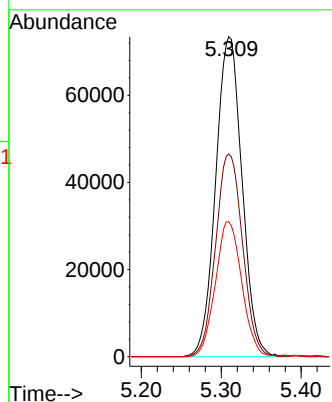
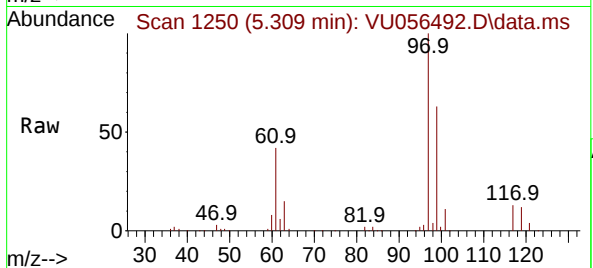


#29
1,1,1-Trichloroethane
Concen: 5.154 ug/L
RT: 5.309 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

Tgt Ion: 97 Resp: 168262

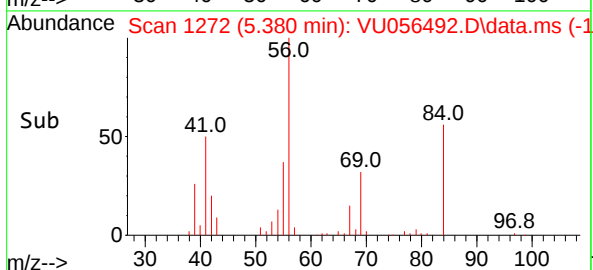
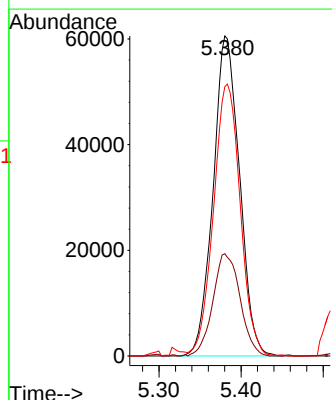
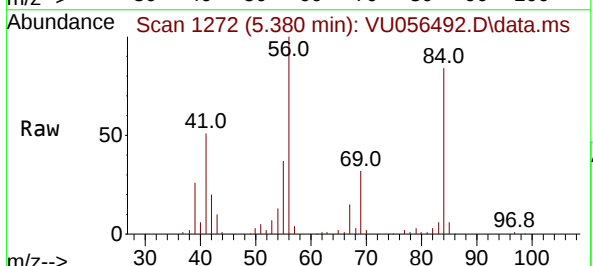
Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.6	77.4
61	42.2	34.3	51.5

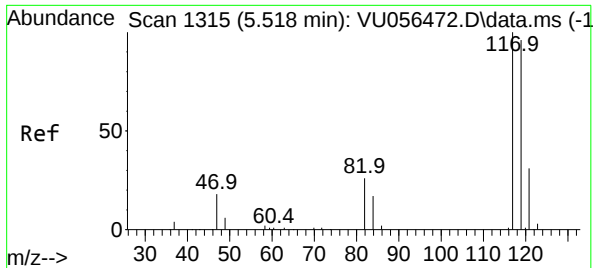


#30
Cyclohexane
Concen: 4.363 ug/L
RT: 5.380 min Scan# 1272
Delta R.T. -0.003 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 56 Resp: 135191

Ion	Ratio	Lower	Upper
56	100		
69	32.9	25.4	38.2
84	85.4	68.6	103.0

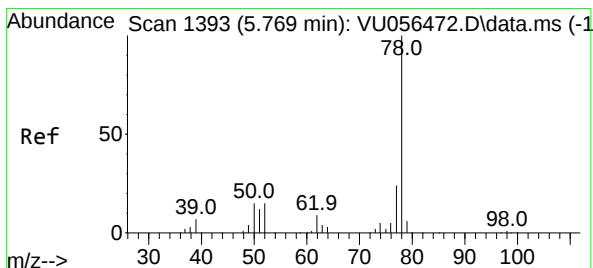
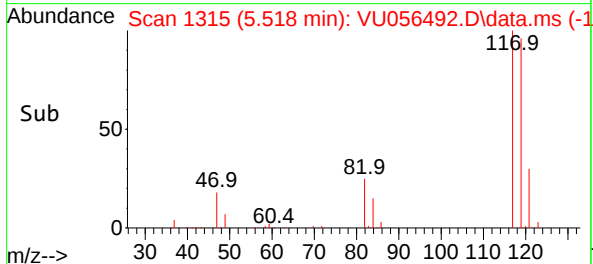
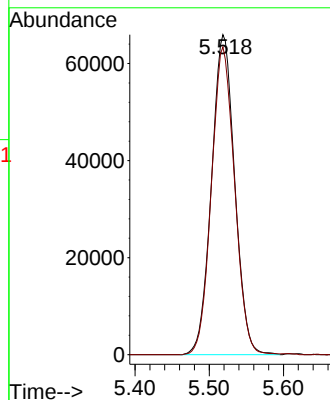
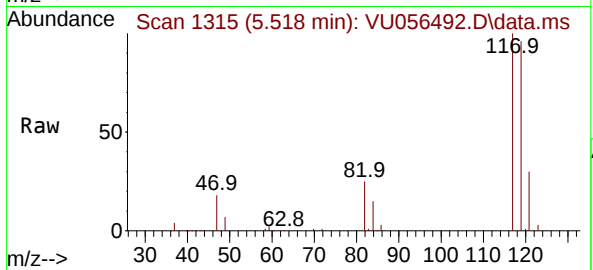




#31
Carbon tetrachloride
Concen: 5.107 ug/L
RT: 5.518 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

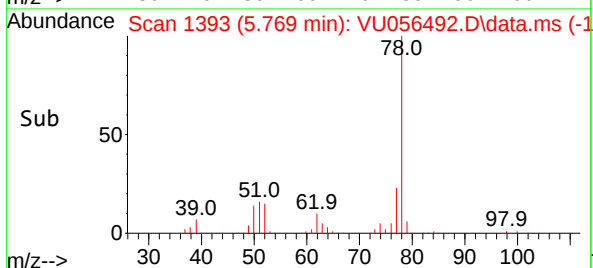
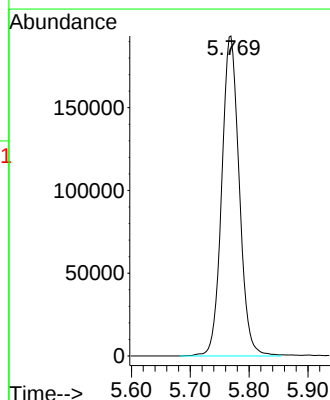
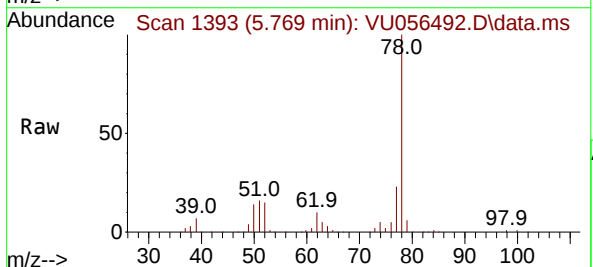
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

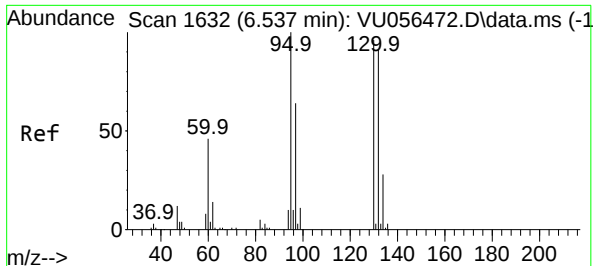
Tgt Ion:117 Resp: 143202
Ion Ratio Lower Upper
117 100
119 95.8 78.1 117.1



#33
Benzene
Concen: 4.928 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 78 Resp: 399944

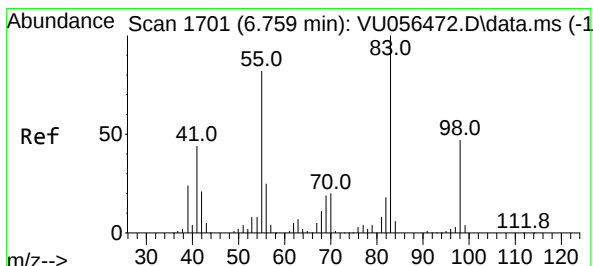
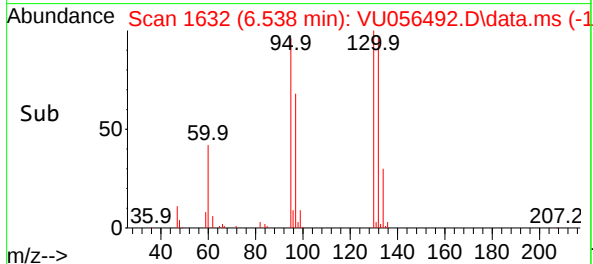
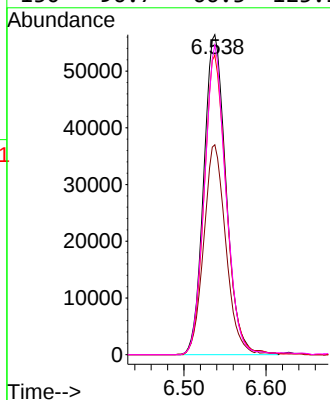
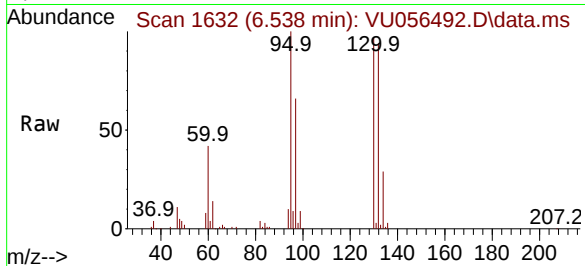




#34
Trichloroethene
Concen: 4.824 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

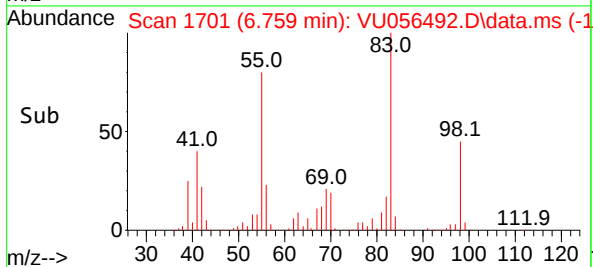
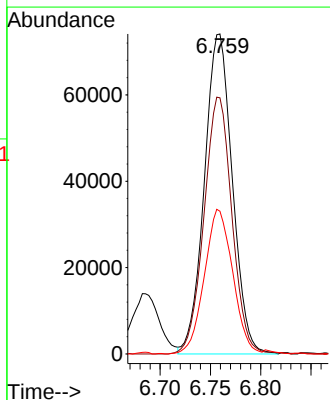
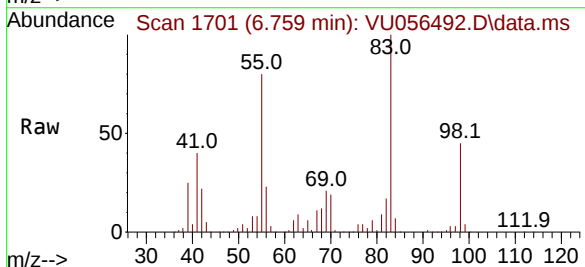
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

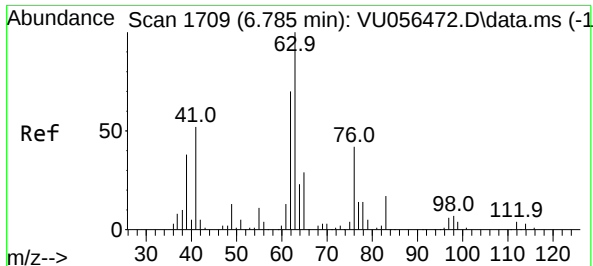
Tgt Ion: 95 Resp: 106663
Ion Ratio Lower Upper
95 100
97 65.6 46.5 86.3
132 93.5 62.0 115.2
130 96.7 66.3 123.1



#35
Methylcyclohexane
Concen: 4.498 ug/L
RT: 6.759 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 83 Resp: 143585
Ion Ratio Lower Upper
83 100
55 80.3 62.9 94.3
98 45.7 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.042 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

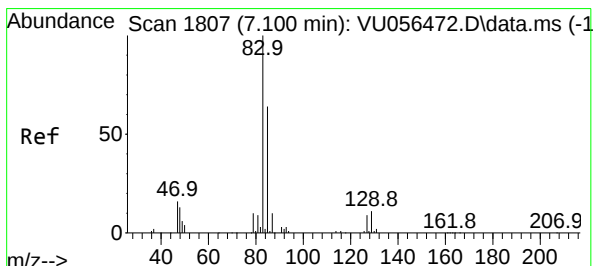
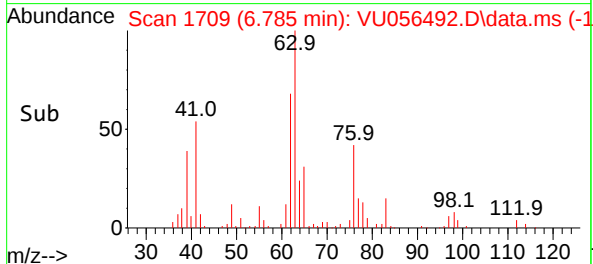
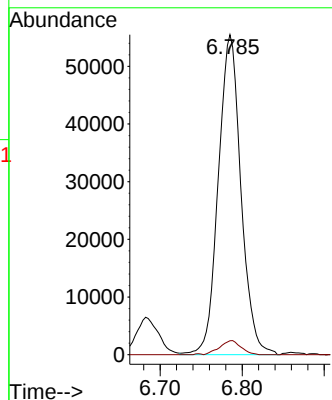
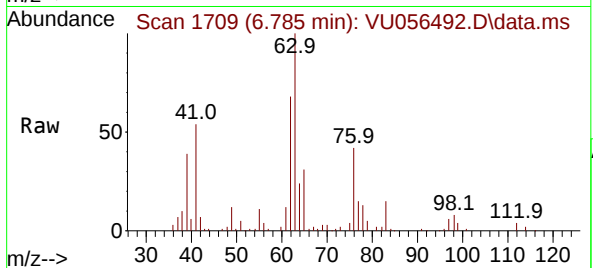
EY1D1MS

Tgt Ion: 63 Resp: 106697

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 4.927 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

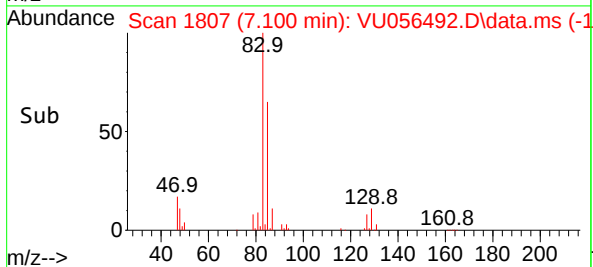
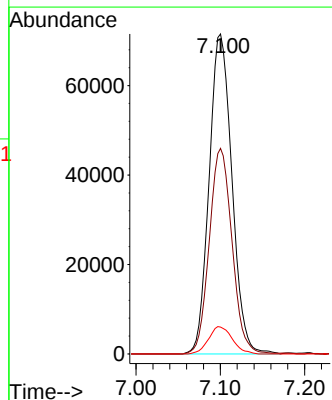
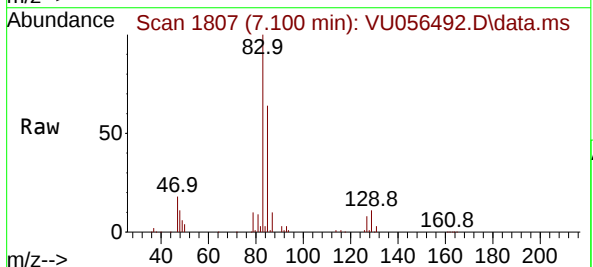
Tgt Ion: 83 Resp: 134602

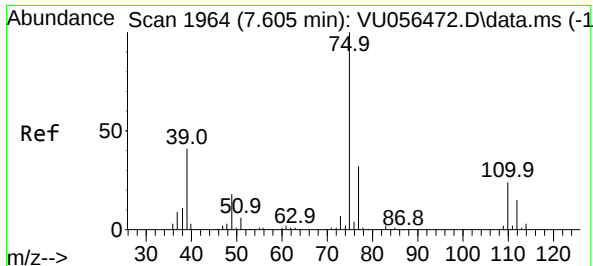
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.5

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 4.875 ug/L

RT: 7.602 min Scan# 1964

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

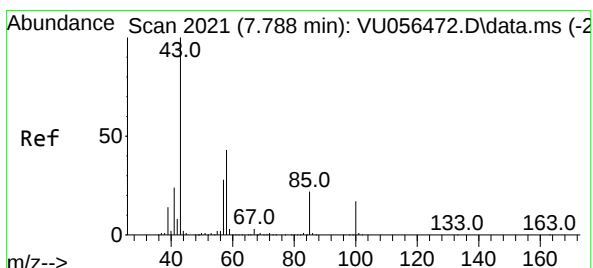
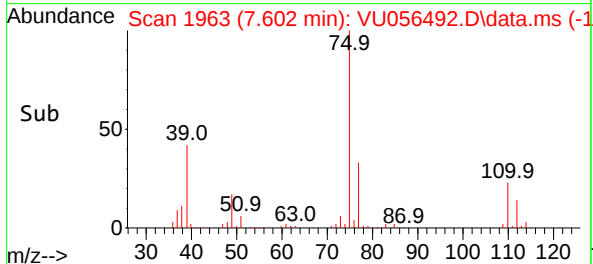
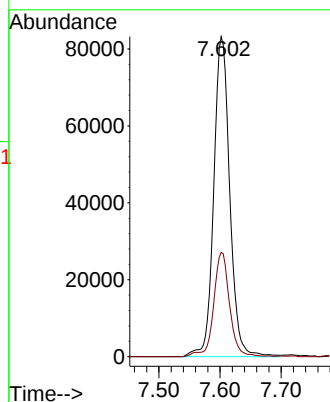
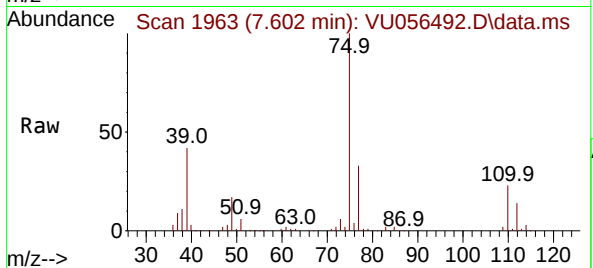
EY1D1MS

Tgt Ion: 75 Resp: 151617

Ion Ratio Lower Upper

75 100

77 32.6 21.5 39.9



#40

4-Methyl-2-pentanone

Concen: 51.260 ug/L

RT: 7.785 min Scan# 2020

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

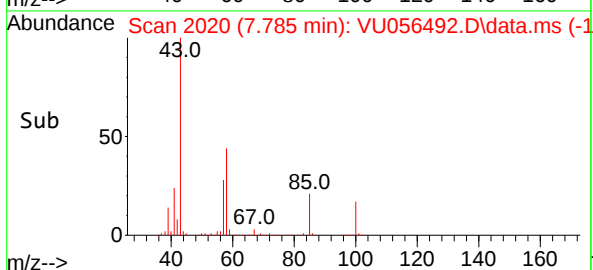
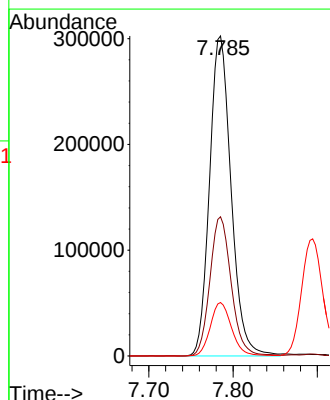
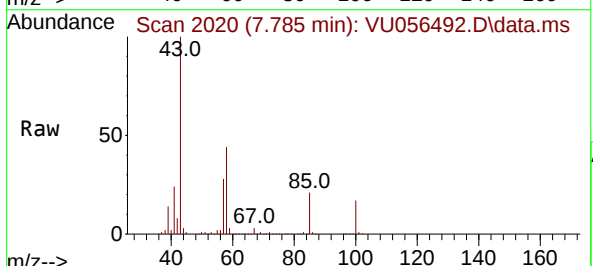
Tgt Ion: 43 Resp: 537764

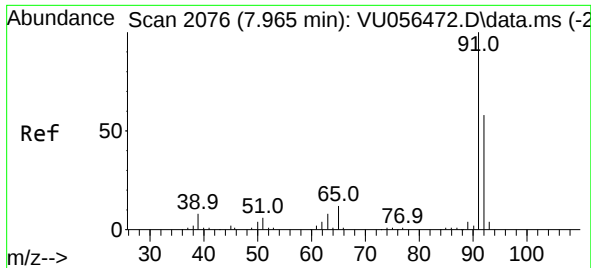
Ion Ratio Lower Upper

43 100

58 43.0 33.8 50.8

100 16.5 13.0 19.4





#42

Toluene

Concen: 5.045 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

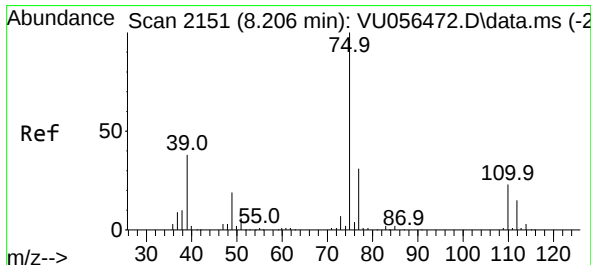
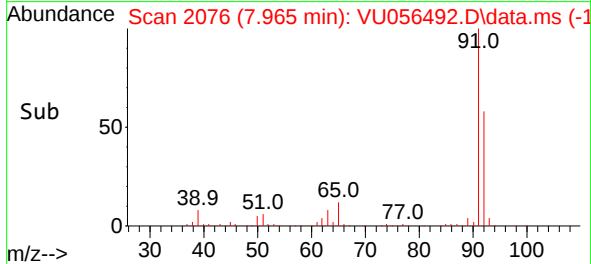
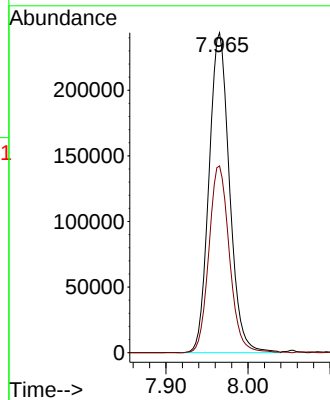
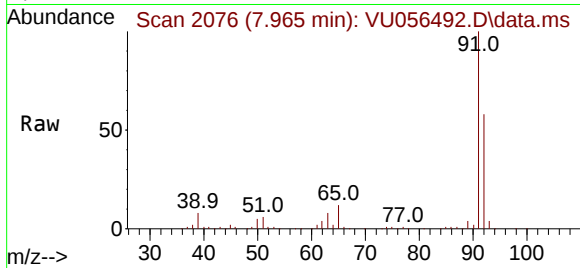
EY1D1MS

Tgt Ion: 91 Resp: 423837

Ion Ratio Lower Upper

91 100

92 58.3 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.086 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056492.D

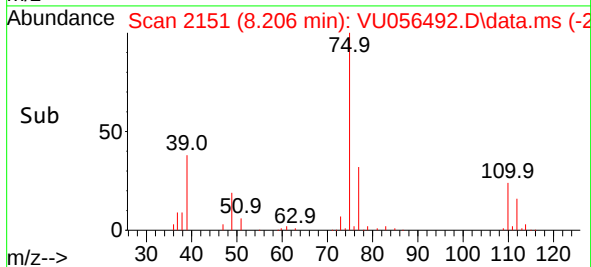
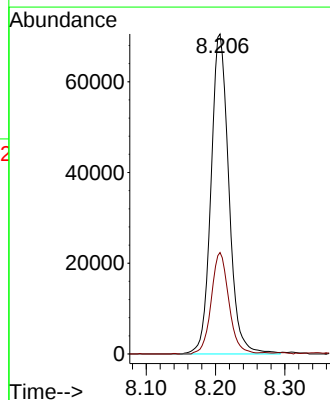
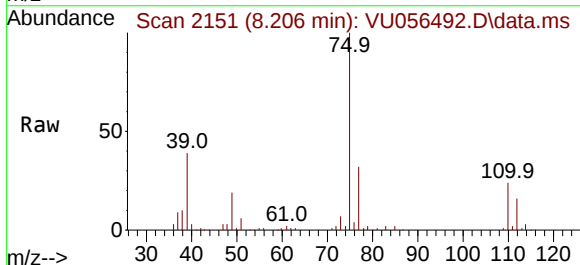
Acq: 18 Nov 2023 20:03

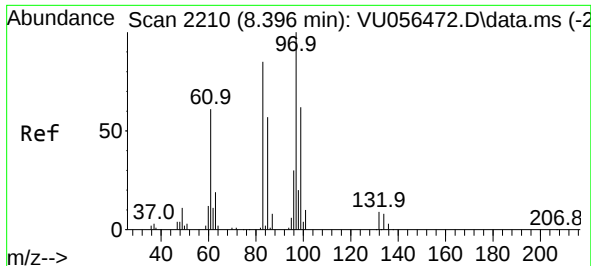
Tgt Ion: 75 Resp: 126075

Ion Ratio Lower Upper

75 100

77 31.7 22.8 42.4

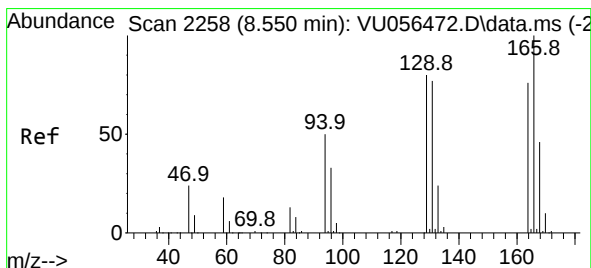
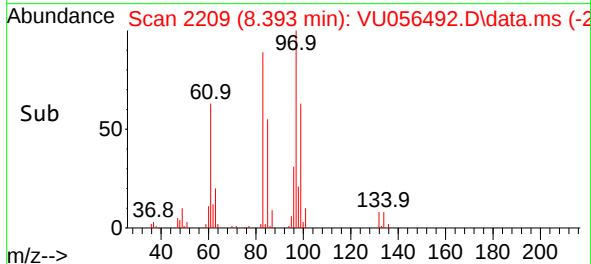
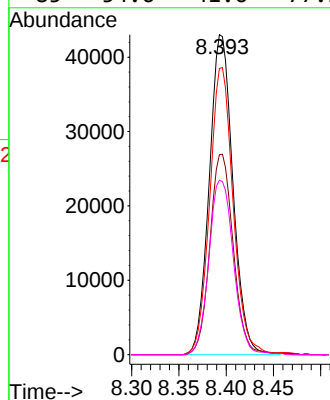
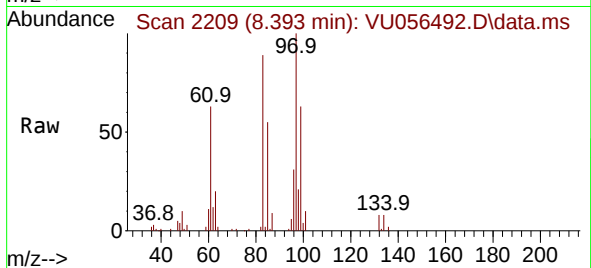




#45
1,1,2-Trichloroethane
Concen: 5.319 ug/L
RT: 8.393 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

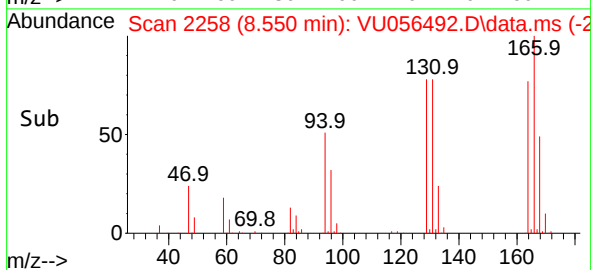
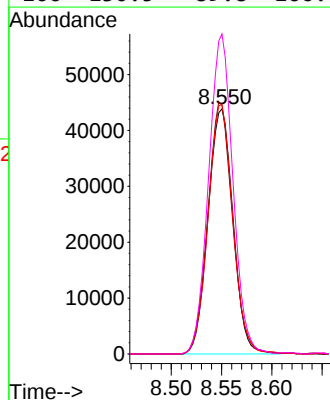
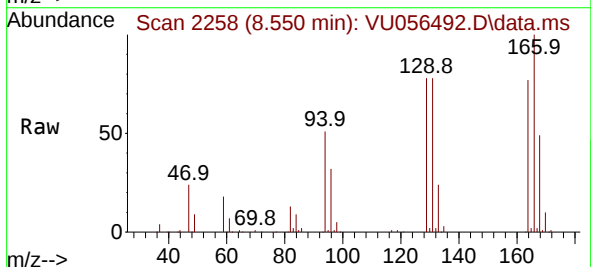
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

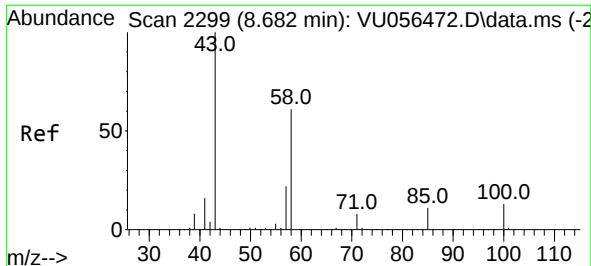
Tgt Ion:	97	Resp:	74974
Ion	Ratio	Lower	Upper
97	100		
99	62.5	44.3	82.3
83	89.4	65.4	121.4
85	54.6	41.6	77.3



#47
Tetrachloroethene
Concen: 5.072 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:	164	Resp:	75623
Ion	Ratio	Lower	Upper
164	100		
129	101.6	71.0	131.9
131	101.8	70.3	130.7
166	130.5	89.8	166.8

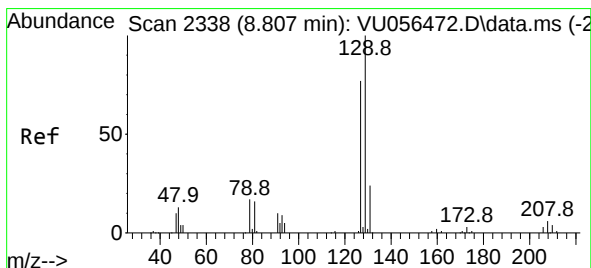
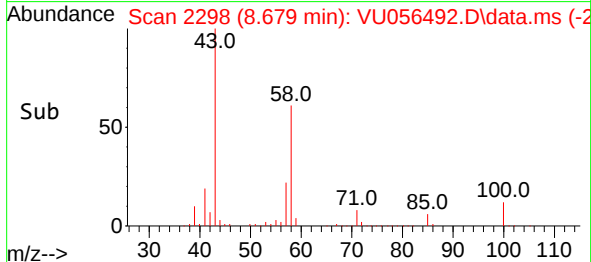
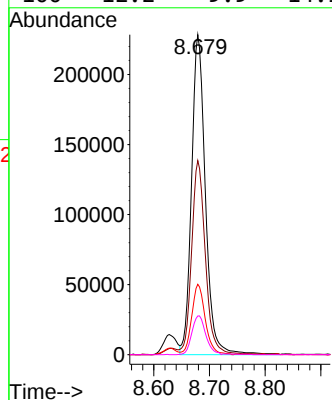
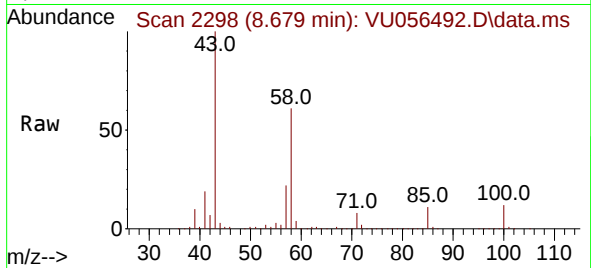




#48
2-Hexanone
Concen: 48.426 ug/L
RT: 8.679 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

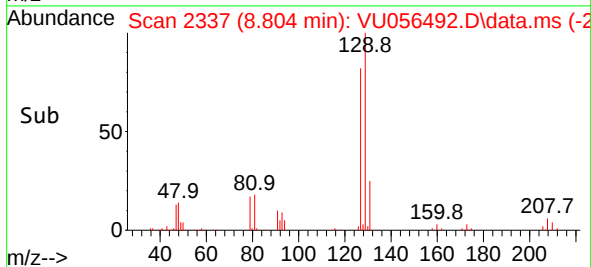
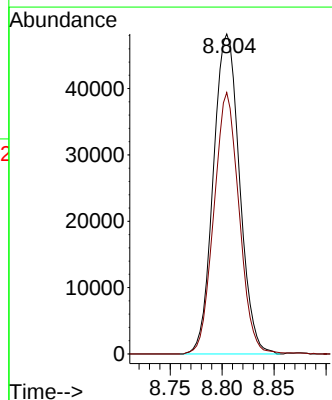
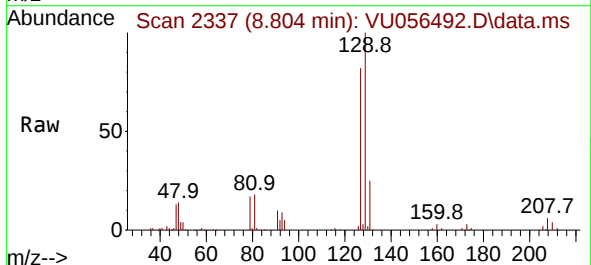
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

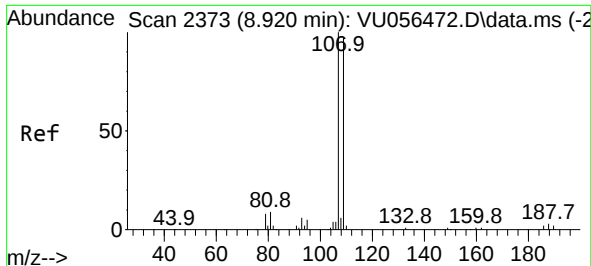
Tgt Ion: 43 Resp: 395780
Ion Ratio Lower Upper
43 100
58 59.1 48.7 73.1
57 21.5 16.8 25.2
100 12.2 9.9 14.9



#49
Dibromochloromethane
Concen: 5.288 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 129 Resp: 84761
Ion Ratio Lower Upper
129 100
127 81.7 52.9 98.3

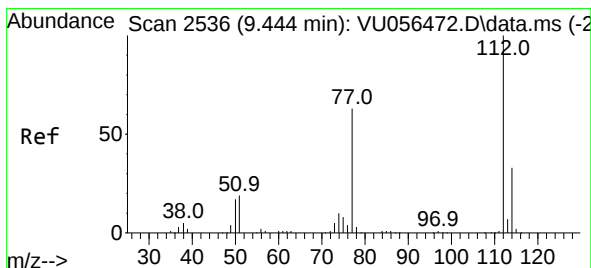
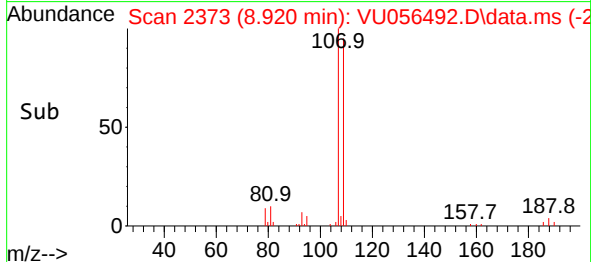
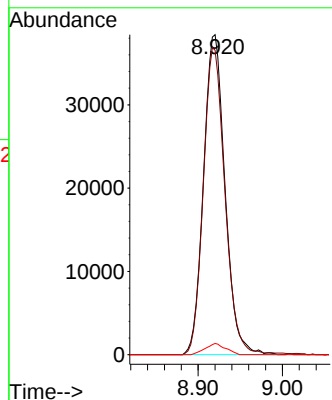
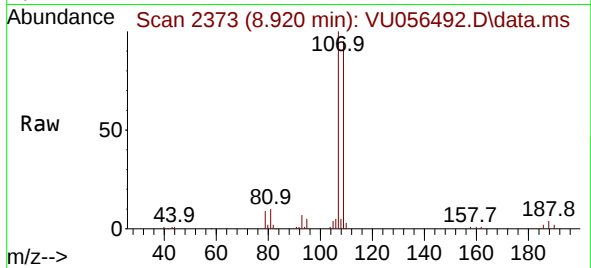




#50
1,2-Dibromoethane
Concen: 5.130 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

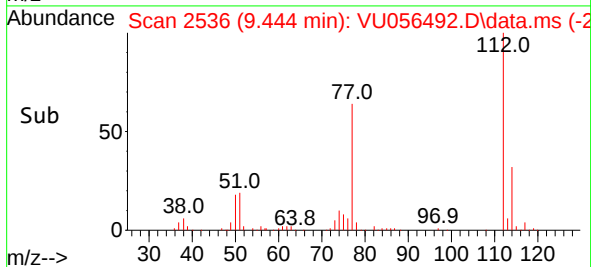
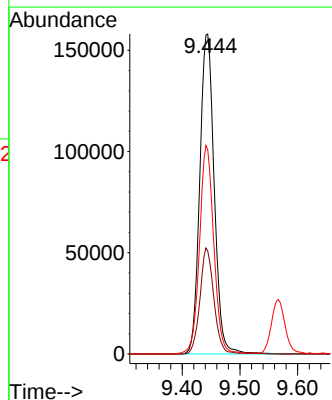
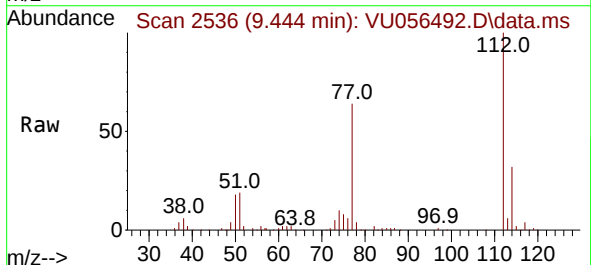
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

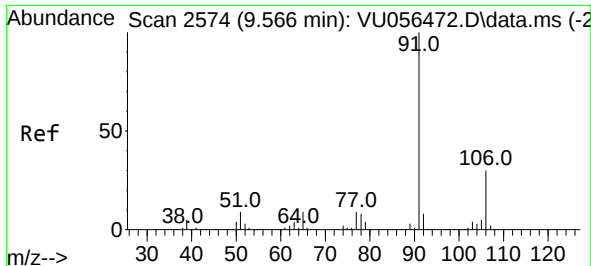
Tgt Ion:107 Resp: 68258
Ion Ratio Lower Upper
107 100
109 95.2 64.2 119.2
188 3.5 2.6 4.0



#51
Chlorobenzene
Concen: 5.078 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:112 Resp: 274136
Ion Ratio Lower Upper
112 100
114 32.2 22.5 41.7
77 63.8 51.7 77.5

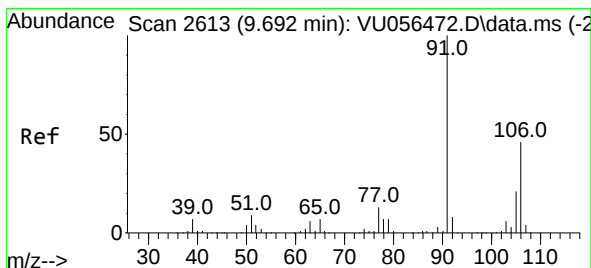
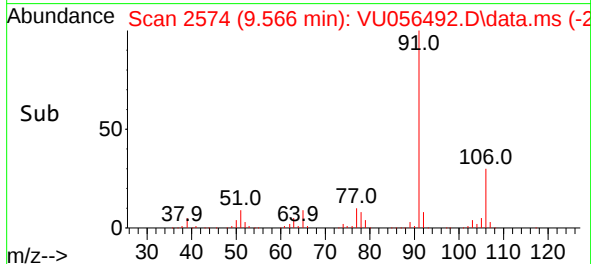
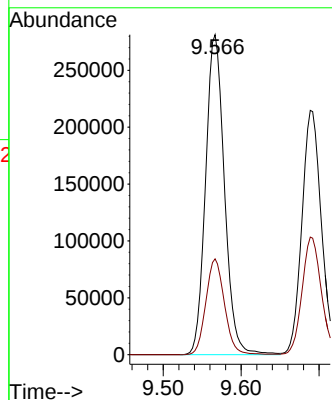
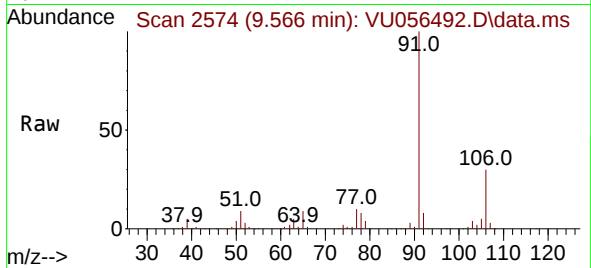




#52
Ethylbenzene
Concen: 5.075 ug/L
RT: 9.566 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

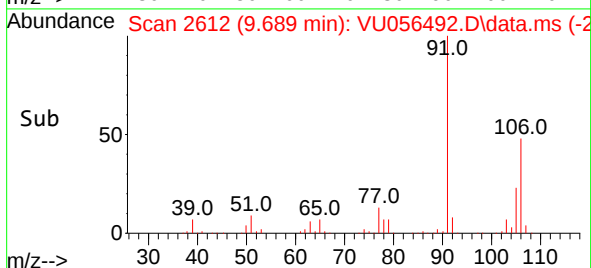
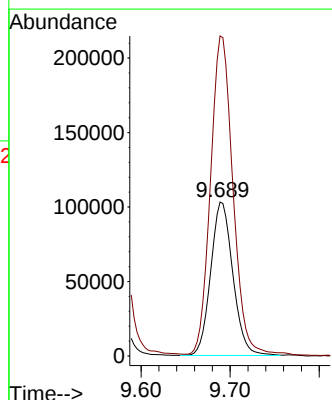
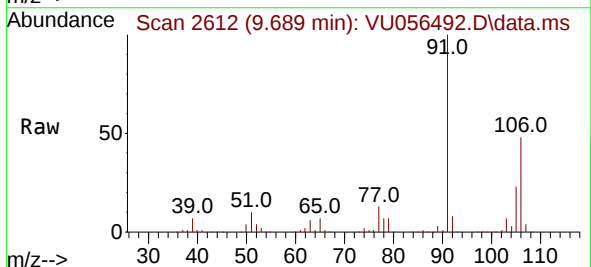
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

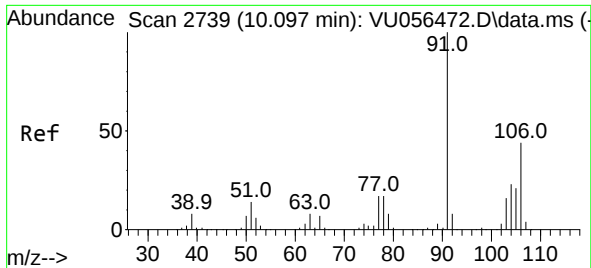
Tgt Ion: 91 Resp: 473476
Ion Ratio Lower Upper
91 100
106 30.0 21.1 39.1



#53
m,p-Xylene
Concen: 5.191 ug/L
RT: 9.689 min Scan# 2612
Delta R.T. -0.003 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 106 Resp: 178033
Ion Ratio Lower Upper
106 100
91 207.9 149.6 277.8

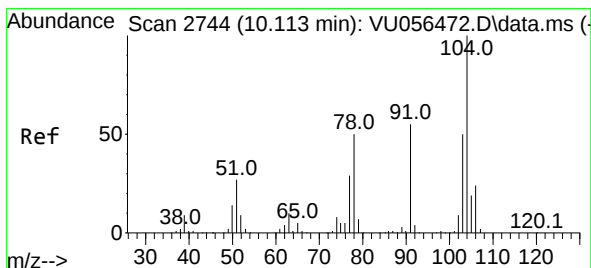
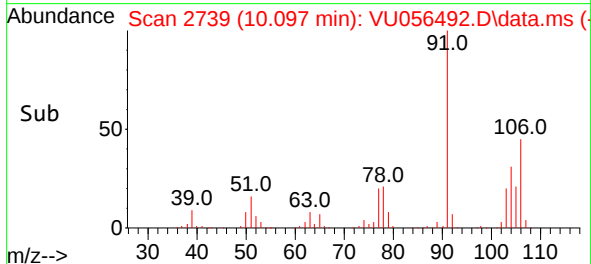
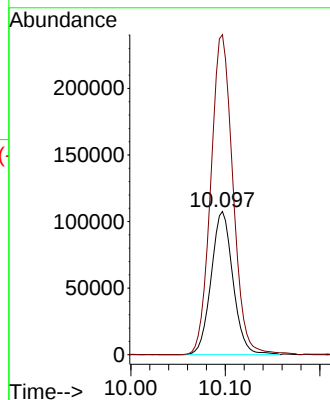
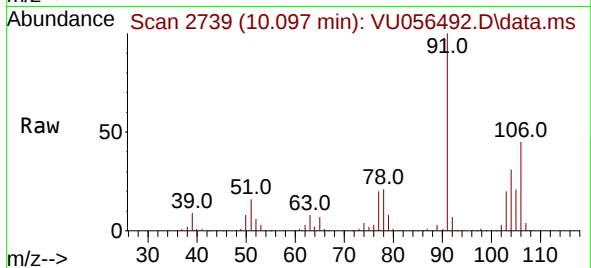




#54
o-Xylene
Concen: 5.175 ug/L
RT: 10.097 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

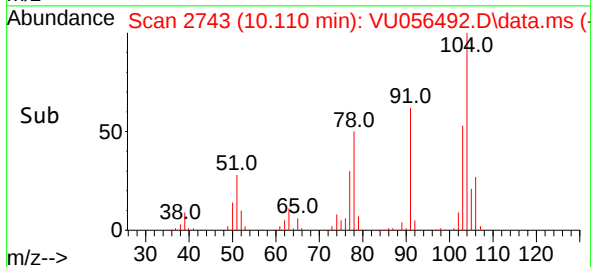
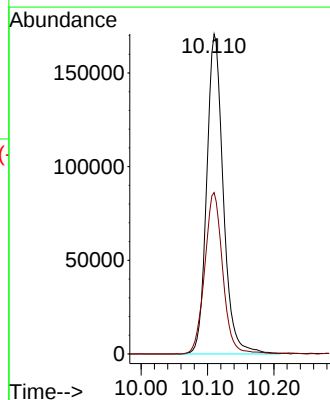
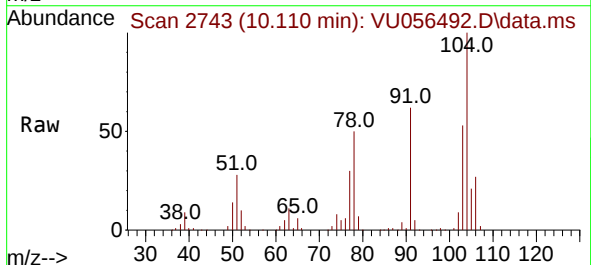
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

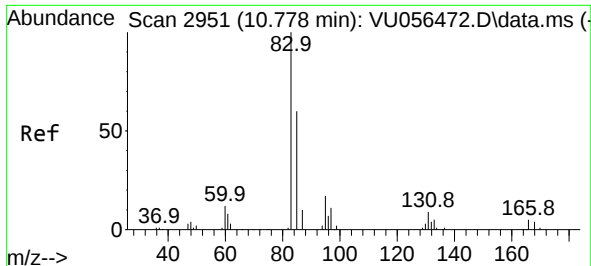
Tgt Ion:106 Resp: 172420
Ion Ratio Lower Upper
106 100
91 223.5 159.3 295.9



#55
Styrene
Concen: 5.360 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:104 Resp: 297034
Ion Ratio Lower Upper
104 100
78 50.5 34.2 63.6





#57

1,1,2,2-Tetrachloroethane

Concen: 5.334 ug/L

RT: 10.775 min Scan# 2951

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

EY1D1MS

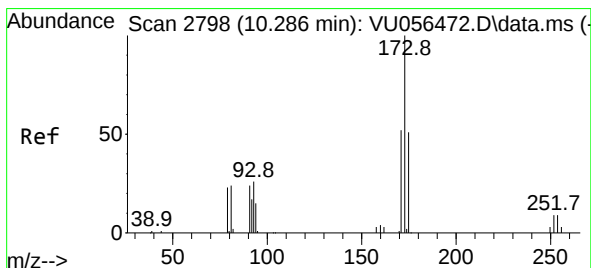
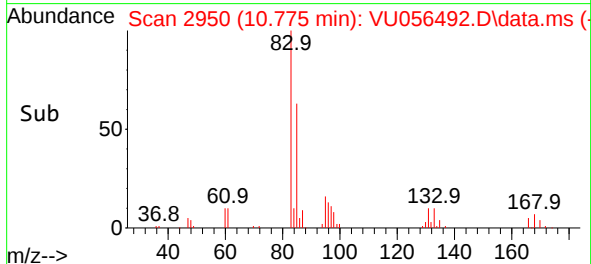
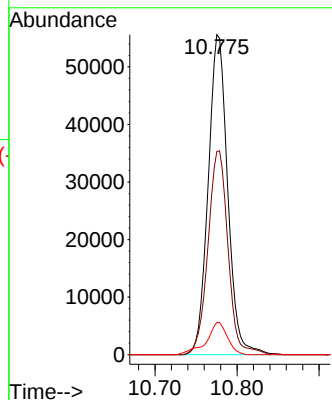
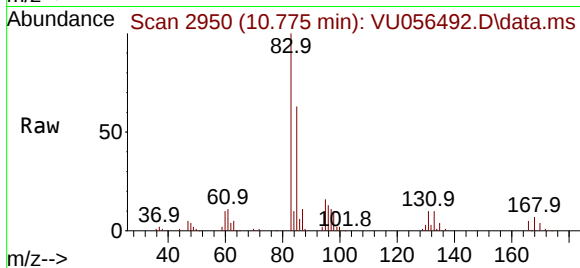
Tgt Ion: 83 Resp: 91798

Ion Ratio Lower Upper

83 100

85 63.5 46.3 86.1

131 10.1 6.7 10.1#



#59

Bromoform

Concen: 5.519 ug/L

RT: 10.283 min Scan# 2797

Delta R.T. -0.003 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

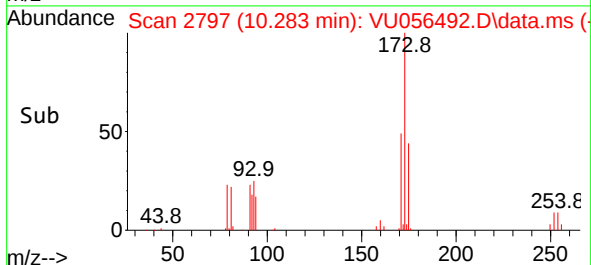
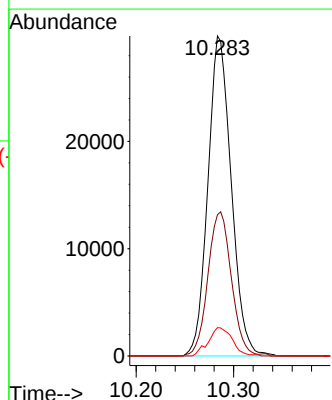
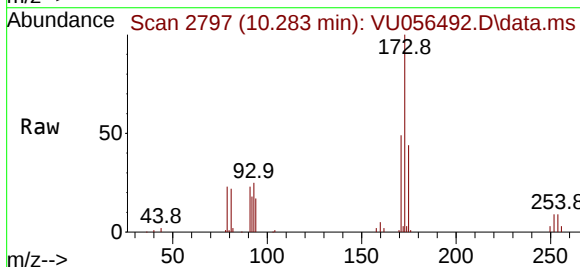
Tgt Ion:173 Resp: 49594

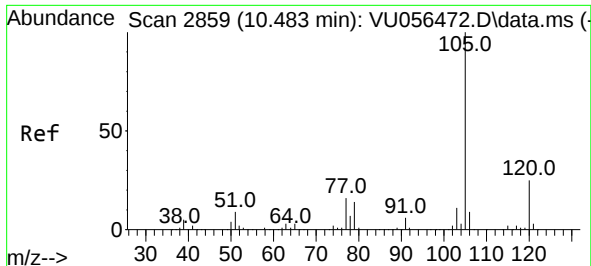
Ion Ratio Lower Upper

173 100

175 45.2 38.9 58.3

254 9.1 6.7 10.1

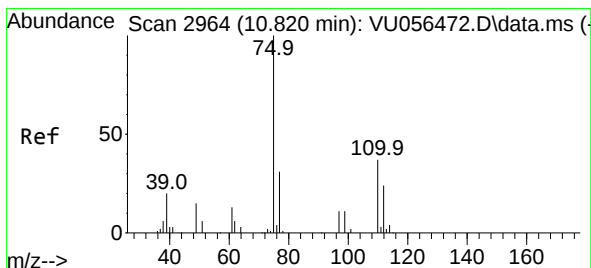
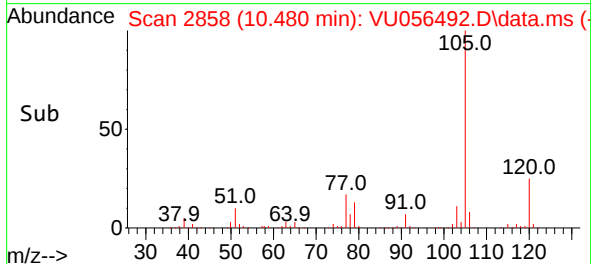
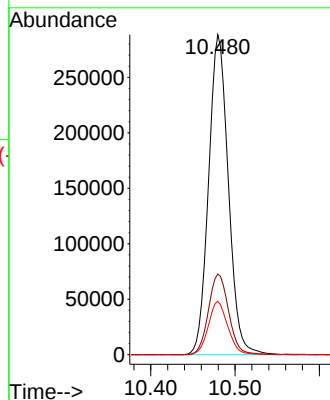
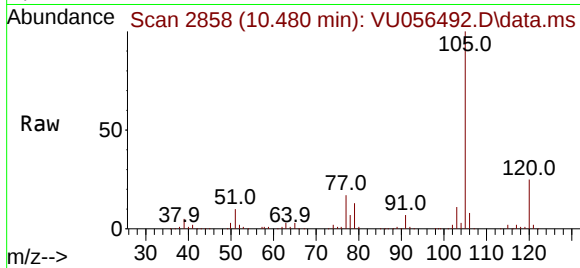




#60
Isopropylbenzene
Concen: 5.057 ug/L
RT: 10.480 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

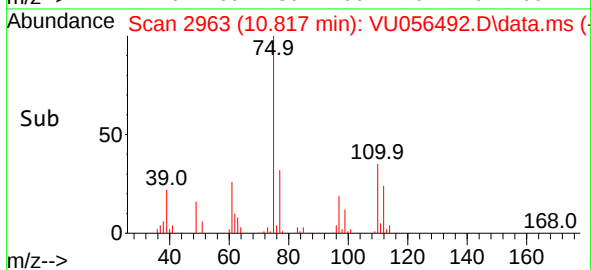
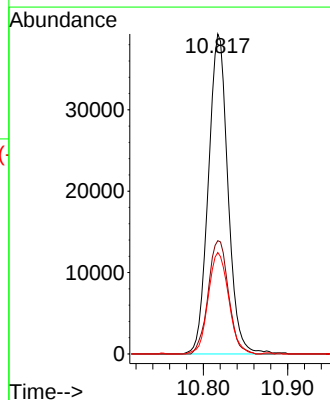
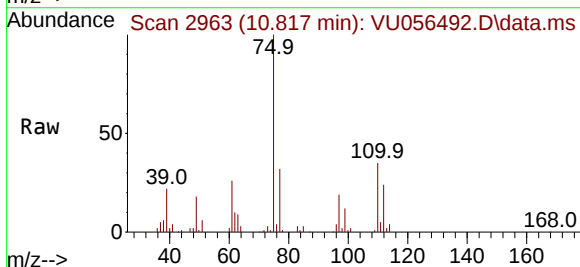
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

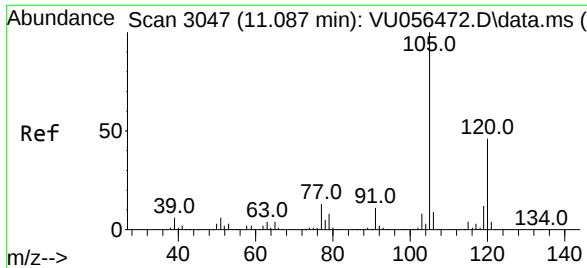
Tgt Ion:105 Resp: 470433
Ion Ratio Lower Upper
105 100
120 25.8 20.4 30.6
77 16.4 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 5.132 ug/L
RT: 10.817 min Scan# 2963
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion: 75 Resp: 63525
Ion Ratio Lower Upper
75 100
110 36.8 30.4 45.6
77 33.0 27.0 40.6

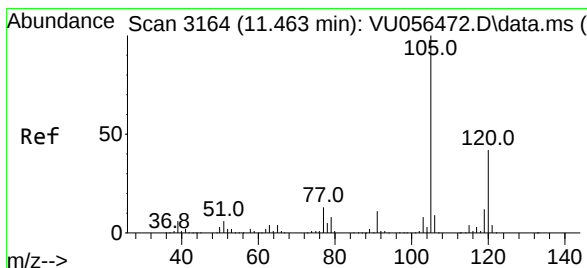
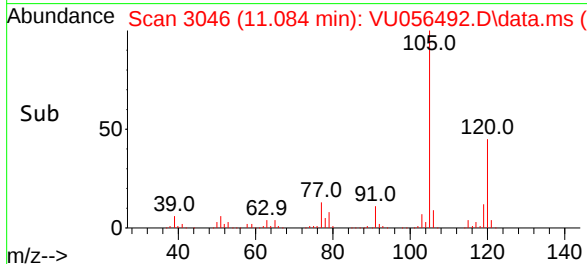
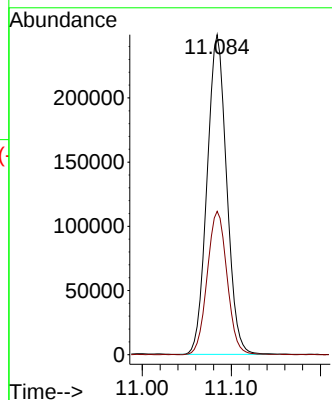
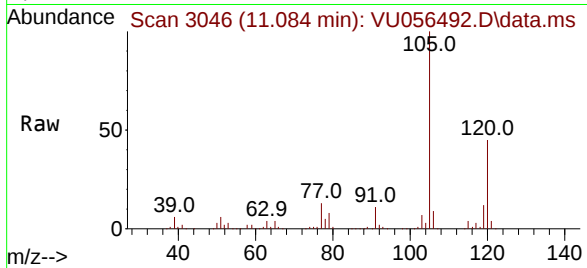




#62
1,3,5-Trimethylbenzene
Concen: 4.974 ug/L
RT: 11.084 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

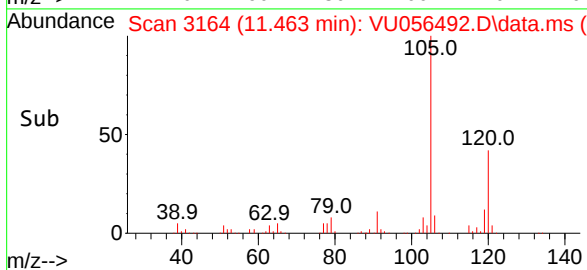
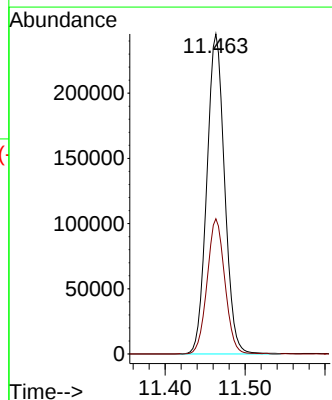
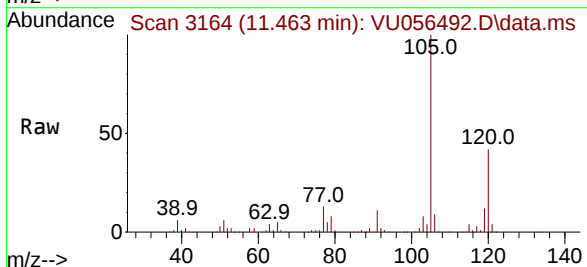
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

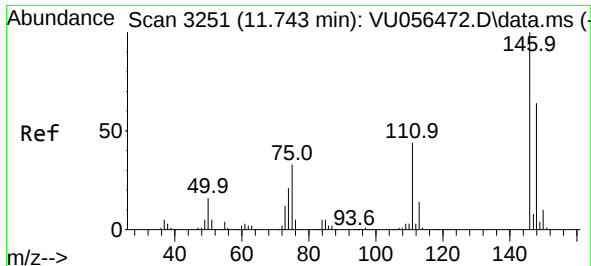
Tgt Ion:105 Resp: 379957
Ion Ratio Lower Upper
105 100
120 45.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.033 ug/L
RT: 11.463 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:105 Resp: 379506
Ion Ratio Lower Upper
105 100
120 42.1 34.0 51.0

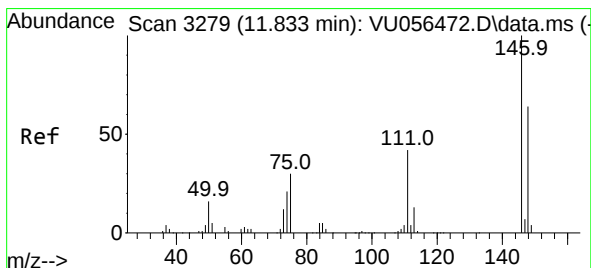
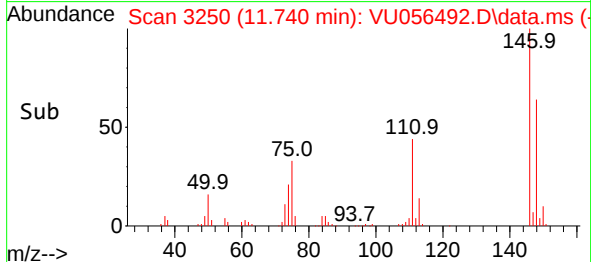
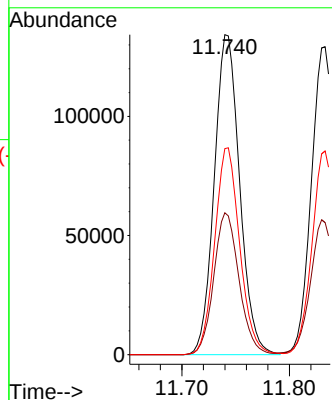
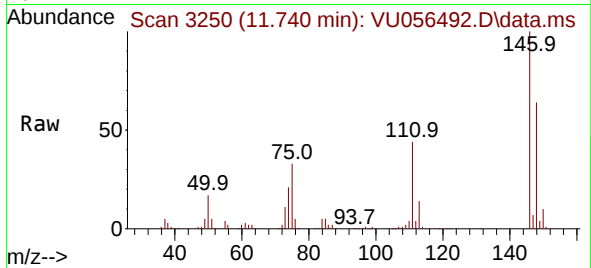




#64
1,3-Dichlorobenzene
Concen: 5.208 ug/L
RT: 11.740 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

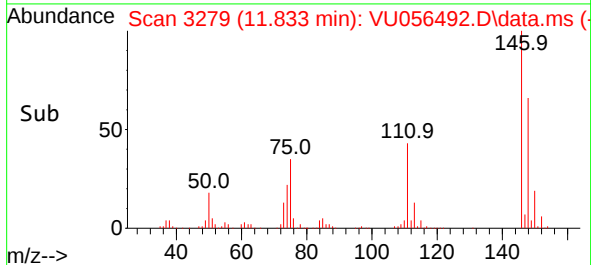
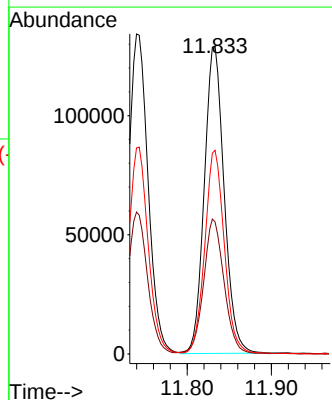
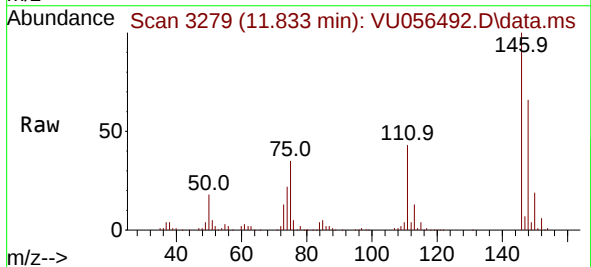
Instrument :
MSVOA_U
ClientSampleId :
EY1D1MS

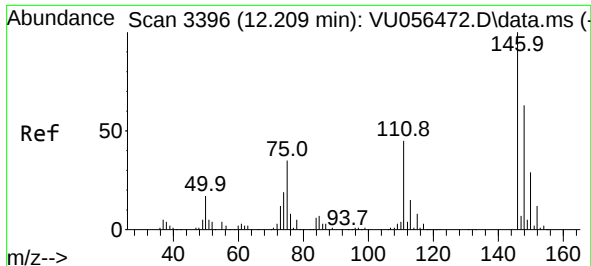
Tgt Ion:146 Resp: 220403
Ion Ratio Lower Upper
146 100
111 44.4 31.1 57.7
148 64.4 45.1 83.9



#65
1,4-Dichlorobenzene
Concen: 4.982 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.000 min
Lab File: VU056492.D
Acq: 18 Nov 2023 20:03

Tgt Ion:146 Resp: 211496
Ion Ratio Lower Upper
146 100
111 42.9 30.5 56.7
148 66.2 44.8 83.2





#67

1,2-Dichlorobenzene

Concen: 5.208 ug/L

RT: 12.206 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

EY1D1MS

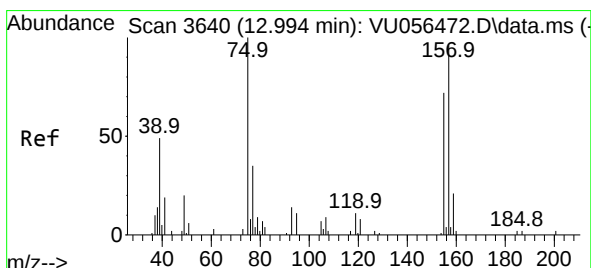
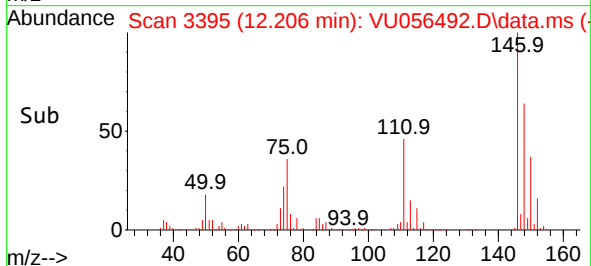
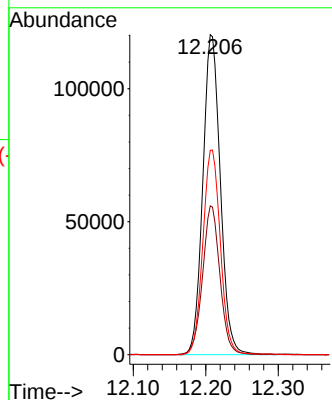
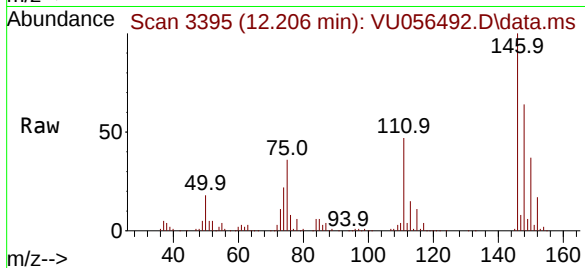
Tgt Ion:146 Resp: 202189

Ion Ratio Lower Upper

146 100

111 46.5 38.3 57.5

148 63.9 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.265 ug/L

RT: 12.991 min Scan# 3639

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

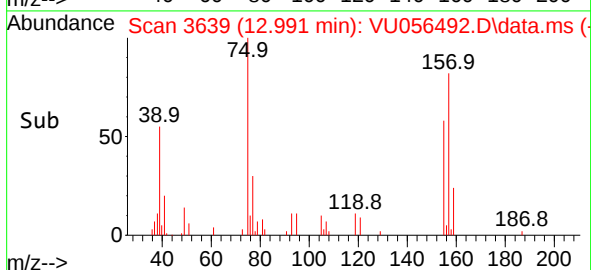
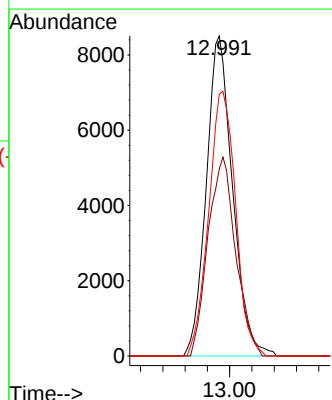
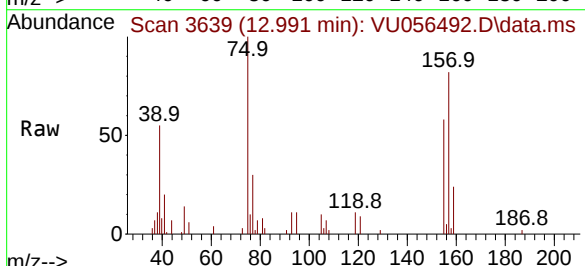
Tgt Ion: 75 Resp: 13919

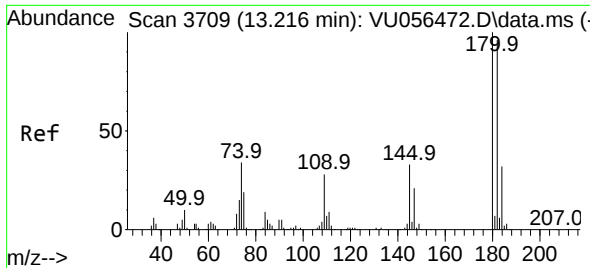
Ion Ratio Lower Upper

75 100

155 58.3 62.4 93.6#

157 81.8 80.2 120.2

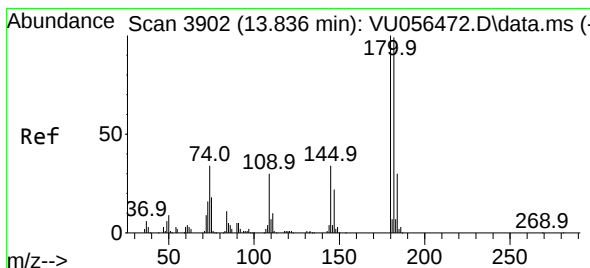
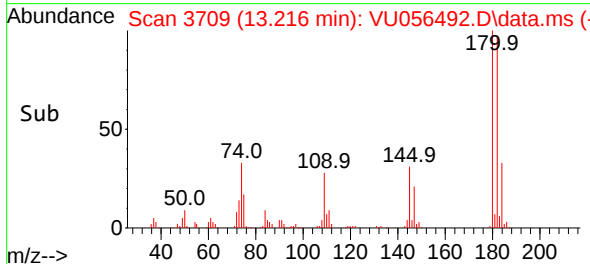
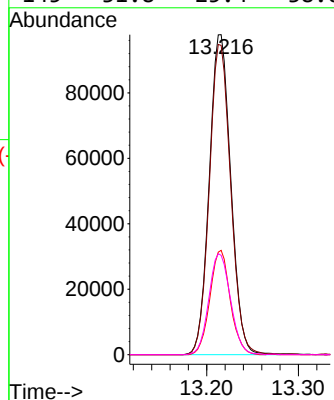
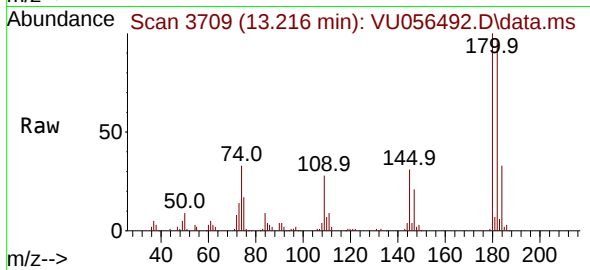




#69
 1,3,5-Trichlorobenzene
 Concen: 5.000 ug/L
 RT: 13.216 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

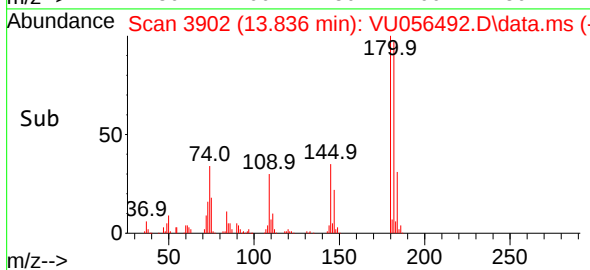
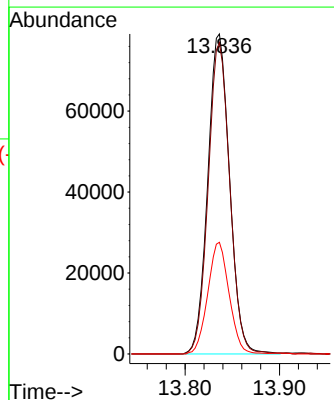
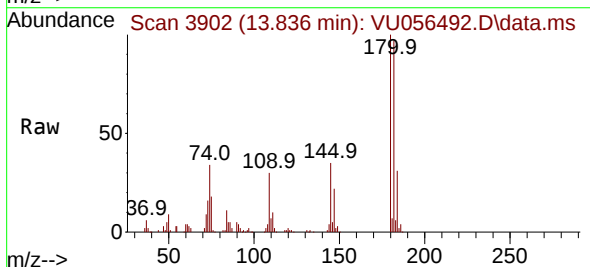
Instrument :
 MSVOA_U
 ClientSampleId :
 EY1D1MS

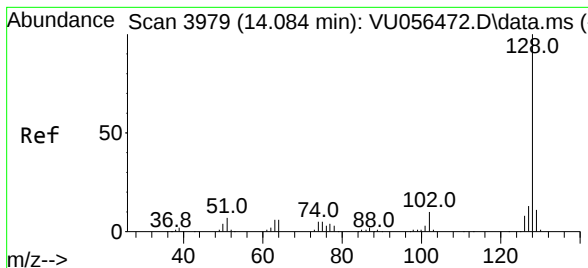
Tgt Ion:180 Resp: 159302
 Ion Ratio Lower Upper
 180 100
 182 96.3 75.1 112.7
 184 30.9 23.5 35.3
 145 31.8 25.4 38.0



#70
 1,2,4-trichlorobenzene
 Concen: 4.894 ug/L
 RT: 13.836 min Scan# 3902
 Delta R.T. 0.000 min
 Lab File: VU056492.D
 Acq: 18 Nov 2023 20:03

Tgt Ion:180 Resp: 126997
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.4 113.2
 145 34.0 26.8 40.2





#71

Naphthalene

Concen: 4.740 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Instrument :

MSVOA_U

ClientSampleId :

EY1D1MS

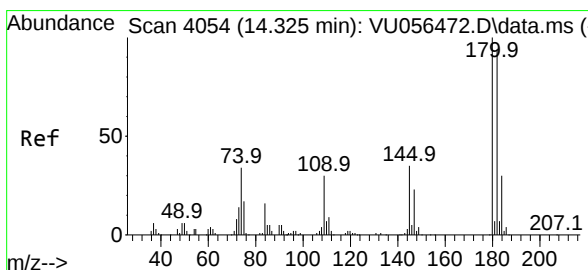
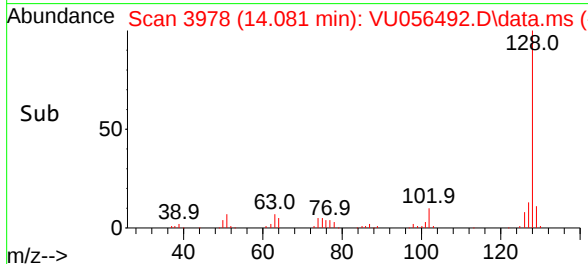
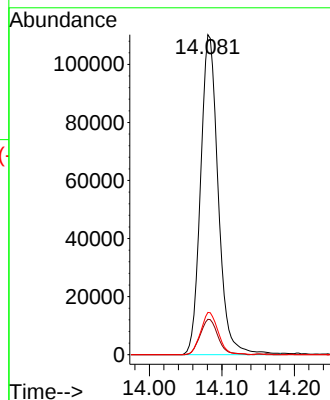
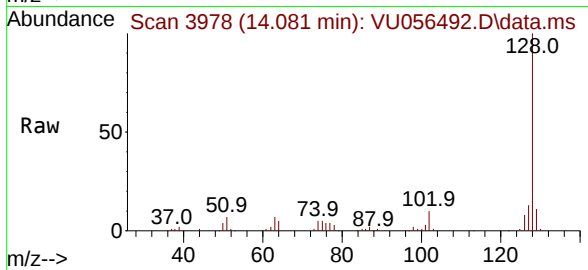
Tgt Ion:128 Resp: 185850

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.076 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056492.D

Acq: 18 Nov 2023 20:03

Tgt Ion:180 Resp: 108510

Ion Ratio Lower Upper

180 100

182 95.2 78.6 117.8

145 36.6 29.0 43.6

