

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056429.D
 Acq On : 17 Nov 2023 09:10
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 17 23:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 04:03:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	281928	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	274782	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	139678	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	87007	4.126	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.908	69	75920	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.560	65	44743	4.808	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.618	46	245731	58.440	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.880%
24) Chloroform-d	5.055	84	213325	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.699	65	102628	5.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.721	84	399741	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.686	67	126581	5.130	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.600%
41) Toluene-d8	7.895	98	363746	5.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
43) trans-1,3-Dichloroprop...	8.174	79	48467	5.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.400%
46) 2-Hexanone-d5	8.628	63	212338	57.098	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.200%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	95638	5.424	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	126244	4.892	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	114509	5.126	ug/L	98
3) Chloromethane	1.515	50	105054	4.602	ug/L	95
5) Vinyl chloride	1.602	62	108001	4.911	ug/L	98
6) Bromomethane	1.853	94	58593	5.263	ug/L	95
8) Chloroethane	1.930	64	67905	5.054	ug/L	95
9) Trichlorofluoromethane	2.136	101	175249	5.529	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	104929	5.576	ug/L	99
12) 1,1-Dichloroethene	2.576	96	93908	5.441	ug/L	93
13) Acetone	2.628	43	177154	49.467	ug/L	98
14) Carbon disulfide	2.789	76	257891	4.592	ug/L	100
15) Methyl Acetate	2.946	43	33297	5.225	ug/L	98
16) Methylene chloride	3.039	84	104379	4.570	ug/L	99
17) Methyl tert-butyl Ether	3.355	73	216985	5.175	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	90149	5.077	ug/L	96
19) 1,1-Dichloroethane	3.866	63	181646	5.164	ug/L	99
21) 2-Butanone	4.699	43	238337	51.288	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	109094	5.417	ug/L	99
23) Bromochloromethane	4.969	128	45305	5.466	ug/L	94
25) Chloroform	5.081	83	197200	5.175	ug/L	98

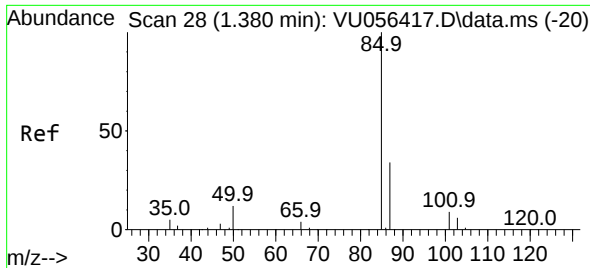
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 Data File : VU056429.D
 Acq On : 17 Nov 2023 09:10
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 MSVOA_U
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Quant Time: Nov 17 23:12:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 04:03:21 2023
 Response via : Initial Calibration

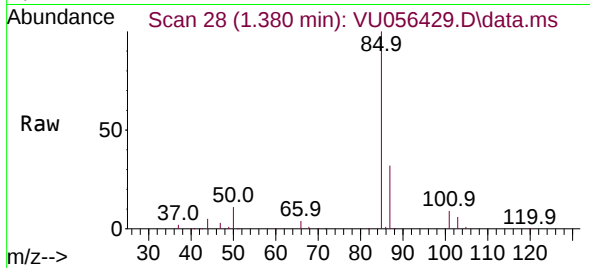
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.789	62	110117	5.089	ug/L	97
29) 1,1,1-Trichloroethane	5.313	97	178740	5.667	ug/L	99
30) Cyclohexane	5.383	56	147901	4.940	ug/L	98
31) Carbon tetrachloride	5.522	117	145762	5.380	ug/L	100
33) Benzene	5.769	78	405227	5.168	ug/L	100
34) Trichloroethene	6.538	95	115342	5.399	ug/L	99
35) Methylcyclohexane	6.760	83	160586	5.207	ug/L	100
37) 1,2-Dichloropropane	6.785	63	112809	5.517	ug/L	100
38) Bromodichloromethane	7.100	83	142104	5.384	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	163390	5.438	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	538399	53.120	ug/L	100
42) Toluene	7.965	91	450988	5.556	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	131088	5.473	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	76416	5.612	ug/L	93
47) Tetrachloroethene	8.550	164	78976	5.483	ug/L	98
48) 2-Hexanone	8.679	43	411679	52.138	ug/L	99
49) Dibromochloromethane	8.804	129	83680	5.404	ug/L	99
50) 1,2-Dibromoethane	8.920	107	68847	5.355	ug/L	96
51) Chlorobenzene	9.444	112	273105	5.236	ug/L	98
52) Ethylbenzene	9.567	91	476634	5.288	ug/L	98
53) m,p-Xylene	9.692	106	180284	5.441	ug/L	99
54) o-Xylene	10.097	106	174603	5.424	ug/L	99
55) Styrene	10.110	104	299233	5.589	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	88626	5.330	ug/L	95
59) Bromoform	10.287	173	45830	5.267	ug/L	98
60) Isopropylbenzene	10.480	105	474112	5.263	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61110	5.099	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	402450	5.441	ug/L	100
63) 1,2,4-Trimethylbenzene	11.464	105	399009	5.465	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	223609	5.457	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	215962	5.254	ug/L	100
67) 1,2-Dichlorobenzene	12.210	146	197992	5.267	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12619	4.930	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	162673	5.273	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	127307	5.066	ug/L	99
71) Naphthalene	14.081	128	185208	4.878	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	106284	5.135	ug/L	99

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

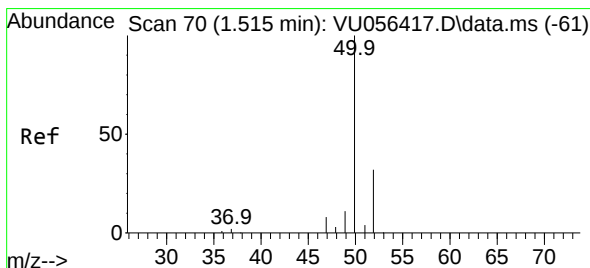
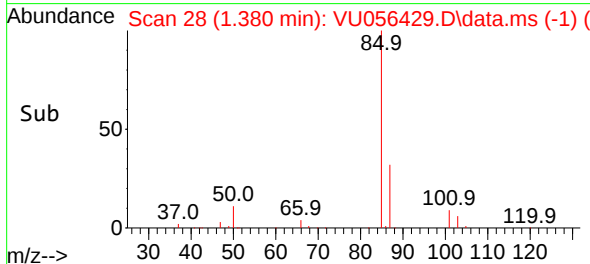
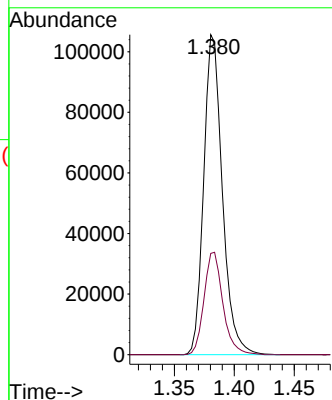


#2
 Dichlorodifluoromethane
 Concen: 5.126 ug/L
 RT: 1.380 min Scan# 28
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

Instrument :
 MSVOA_U
 ClientSampleId :

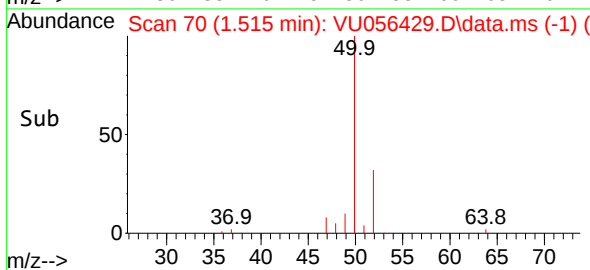
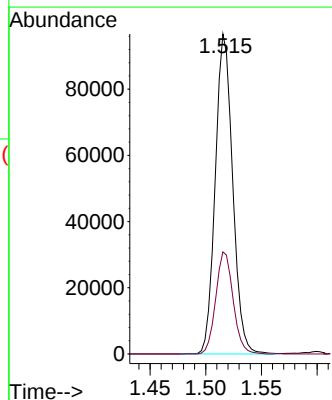
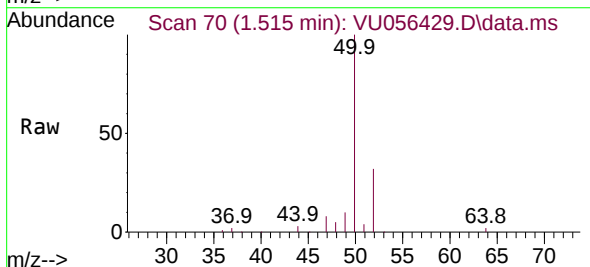


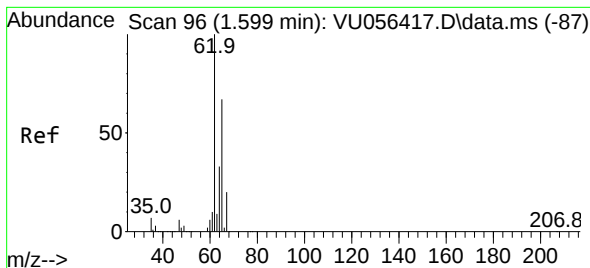
Tgt Ion: 85 Resp: 114509
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.0 37.4



#3
 Chloromethane
 Concen: 4.602 ug/L
 RT: 1.515 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

Tgt Ion: 50 Resp: 105054
 Ion Ratio Lower Upper
 50 100
 52 31.9 24.3 45.1





#5

Vinyl chloride

Concen: 4.911 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.003 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

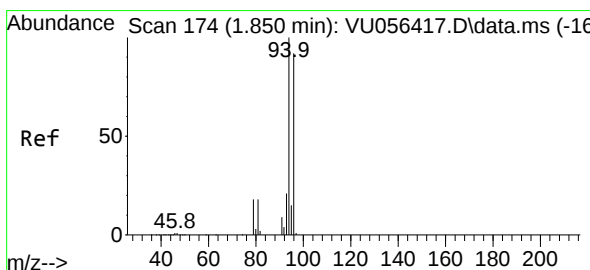
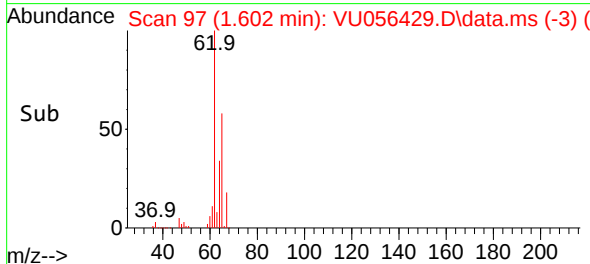
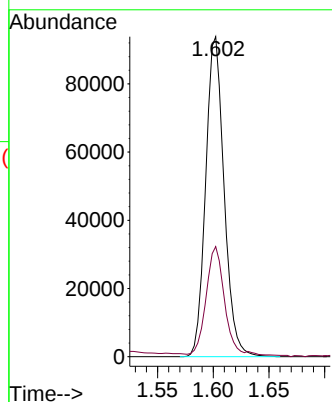
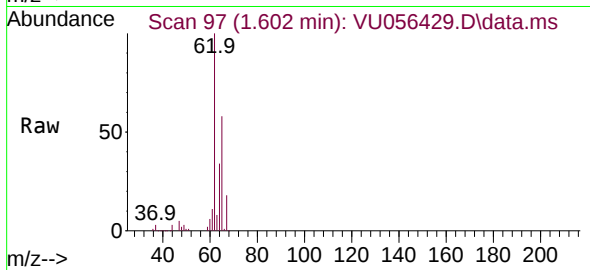
ClientSampleId :

Tgt Ion: 62 Resp: 108001

Ion Ratio Lower Upper

62 100

64 34.4 23.3 43.3



#6

Bromomethane

Concen: 5.263 ug/L

RT: 1.853 min Scan# 175

Delta R.T. 0.003 min

Lab File: VU056429.D

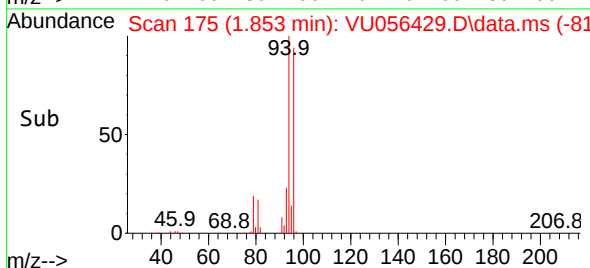
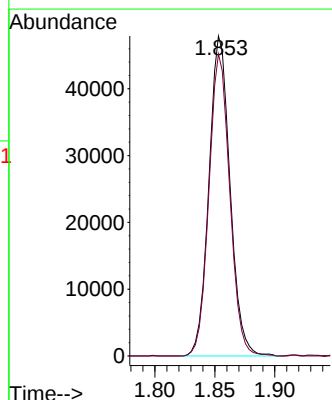
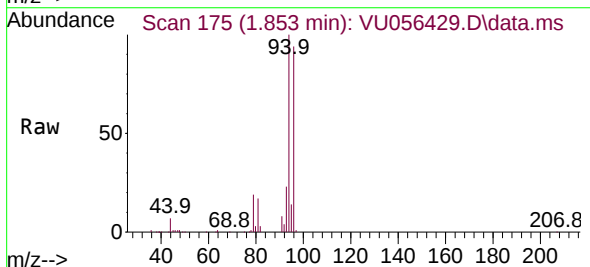
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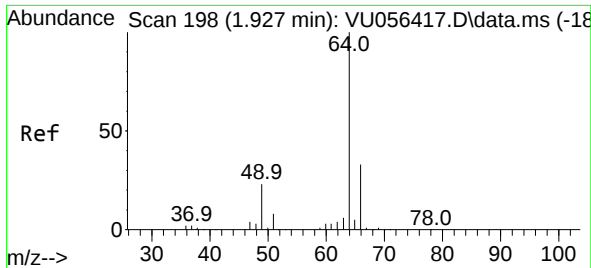
Tgt Ion: 94 Resp: 58593

Ion Ratio Lower Upper

94 100

96 94.4 62.6 116.2





#8

Chloroethane

Concen: 5.054 ug/L

RT: 1.930 min Scan# 19

Delta R.T. 0.003 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

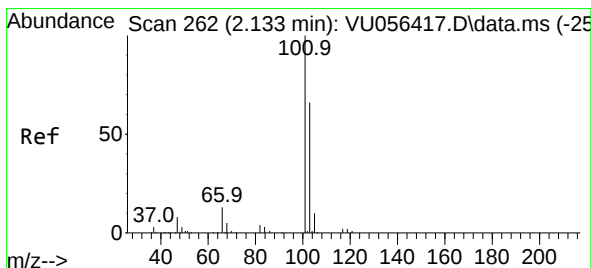
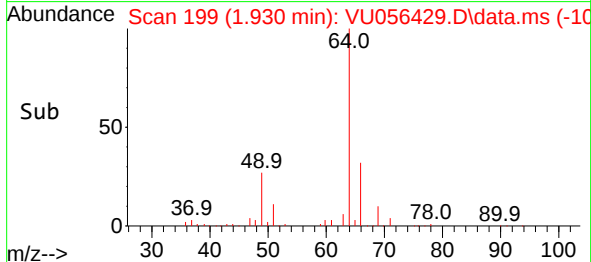
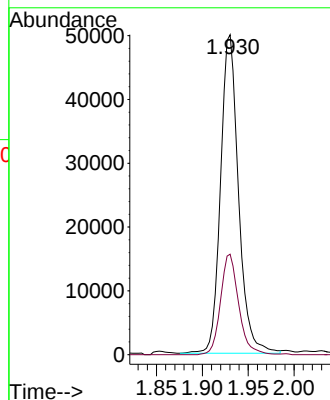
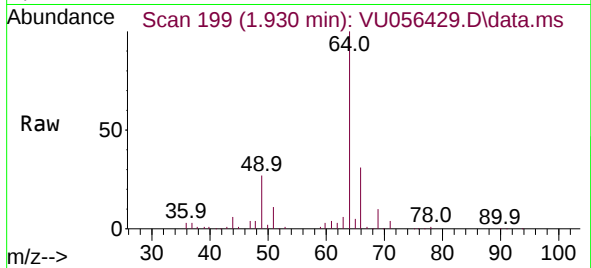
ClientSampleId :

Tgt Ion: 64 Resp: 67905

Ion Ratio Lower Upper

64 100

66 31.4 23.9 44.5



#9

Trichlorofluoromethane

Concen: 5.529 ug/L

RT: 2.136 min Scan# 263

Delta R.T. 0.003 min

Lab File: VU056429.D

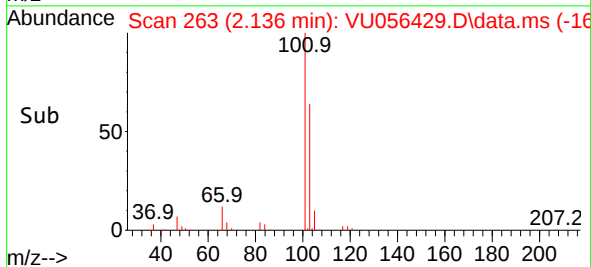
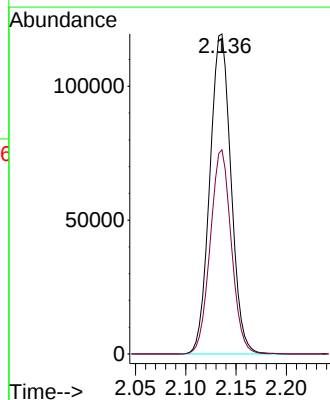
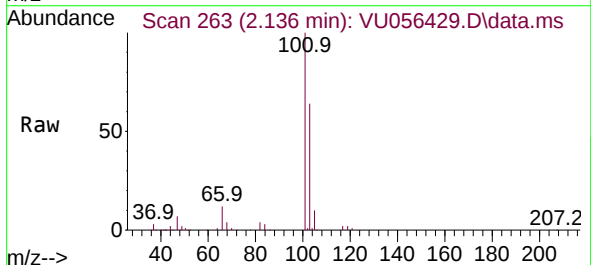
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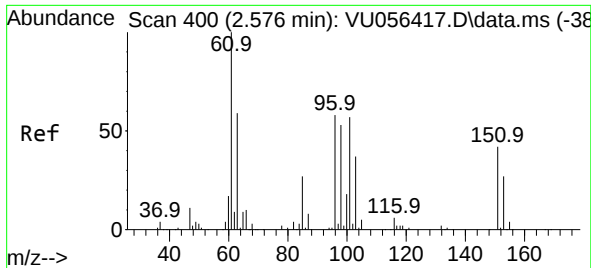
Tgt Ion:101 Resp: 175249

Ion Ratio Lower Upper

101 100

103 63.5 52.0 78.0

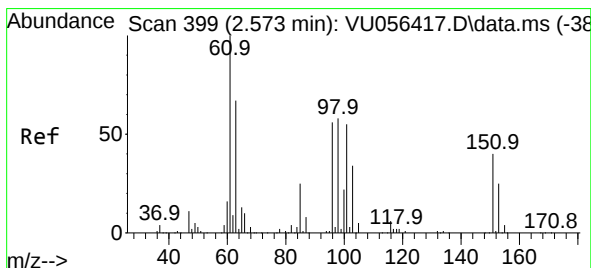
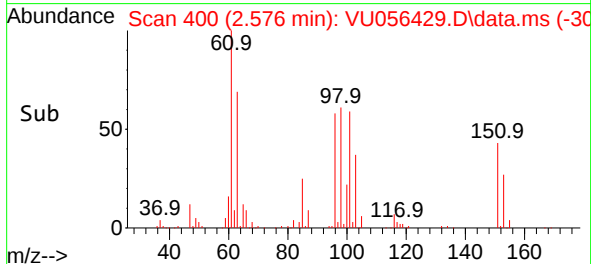
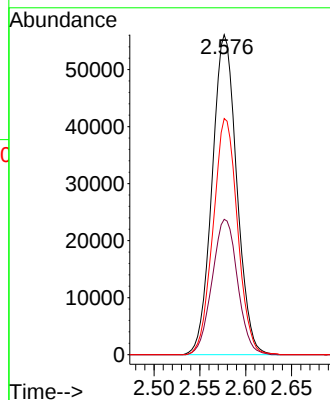
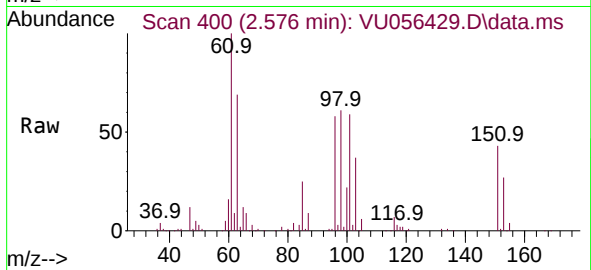




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.576 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

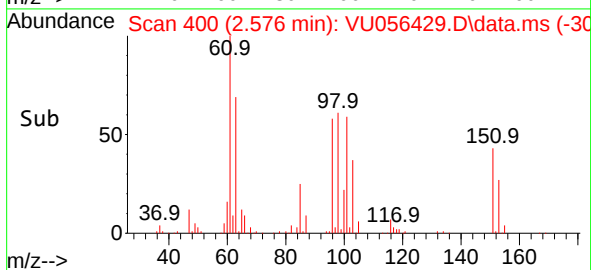
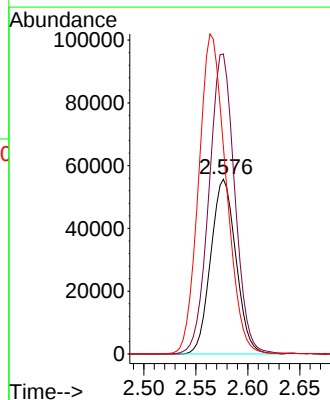
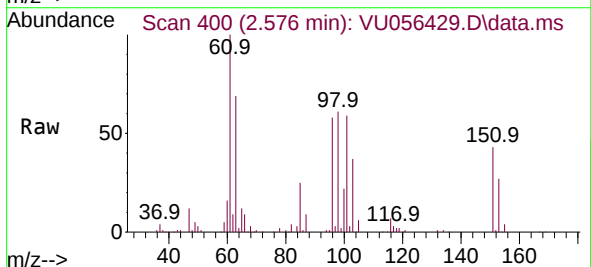
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 MSVOA_U
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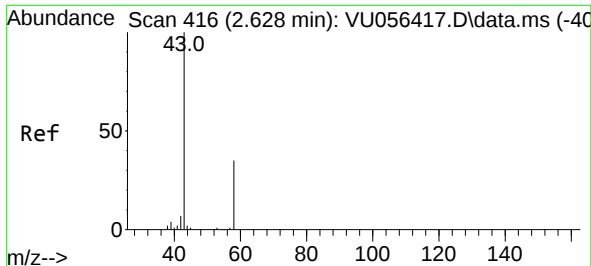
Tgt Ion:101 Resp: 104929
 Ion Ratio Lower Upper
 101 100
 85 43.7 35.4 53.0
 151 73.2 58.0 87.0



#12
 1,1-Dichloroethene
 Concen: 5.441 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

Tgt Ion: 96 Resp: 93908
 Ion Ratio Lower Upper
 96 100
 61 171.7 123.1 228.7
 63 118.5 93.3 173.3





#13

Acetone

Concen: 49.467 ug/L

RT: 2.628 min Scan# 416

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

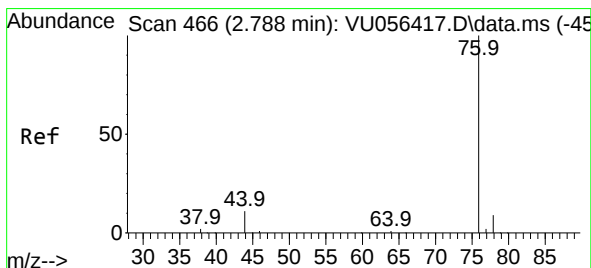
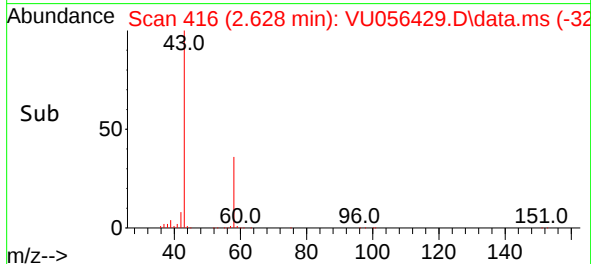
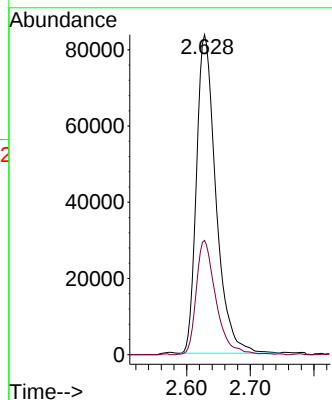
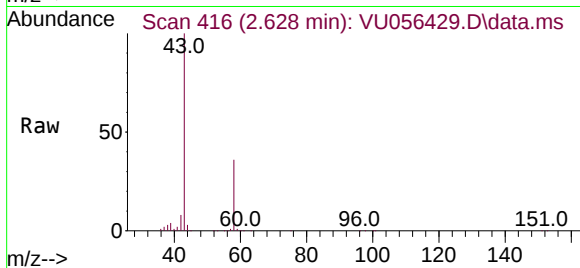
ClientSampleId :

Tgt Ion: 43 Resp: 177154

Ion Ratio Lower Upper

43 100

58 36.3 0.0 70.0



#14

Carbon disulfide

Concen: 4.592 ug/L

RT: 2.789 min Scan# 466

Delta R.T. 0.000 min

Lab File: VU056429.D

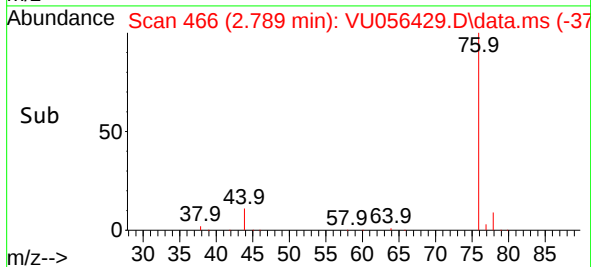
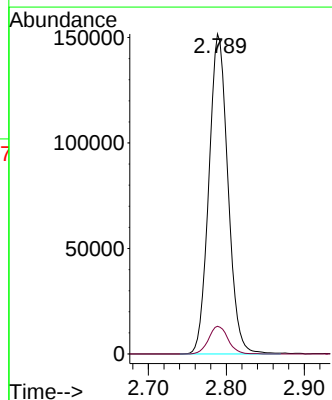
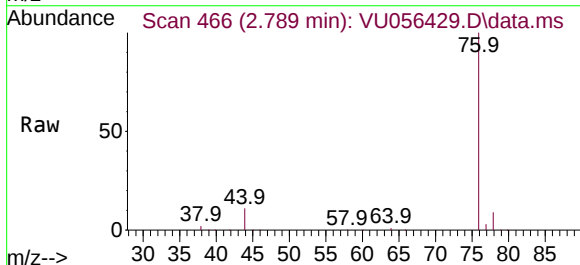
Acq: 17 Nov 2023 09:10

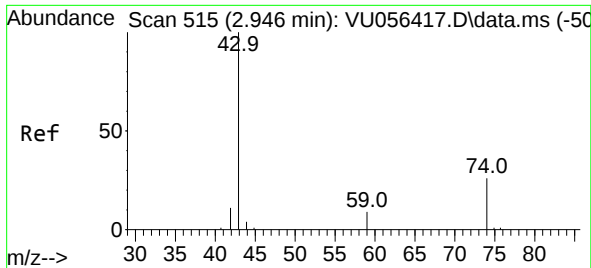
Tgt Ion: 76 Resp: 257891

Ion Ratio Lower Upper

76 100

78 8.6 6.8 10.2

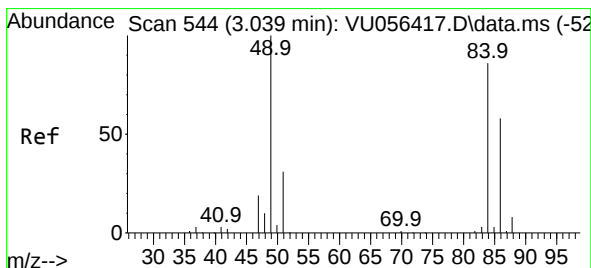
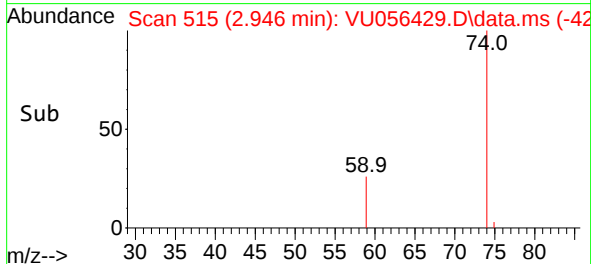
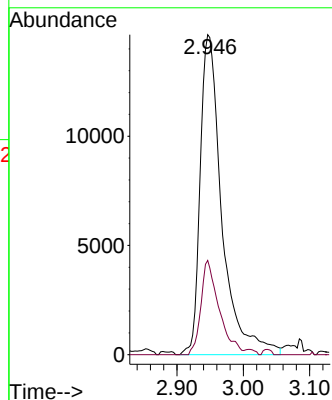
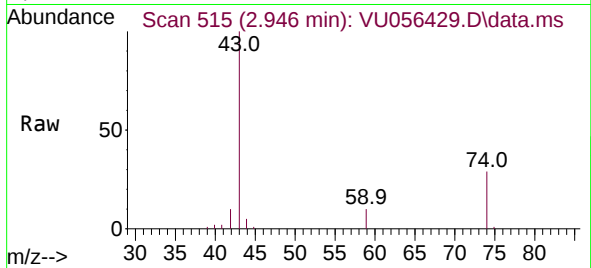




#15
Methyl Acetate
Concen: 5.225 ug/L
RT: 2.946 min Scan# 515
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

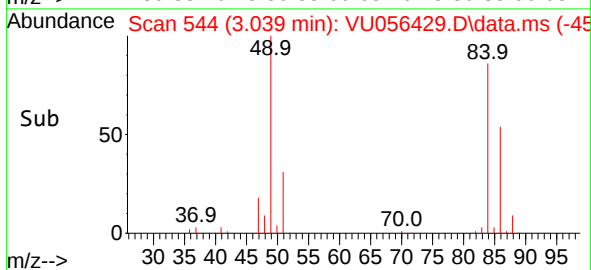
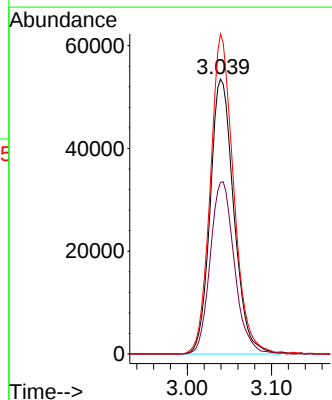
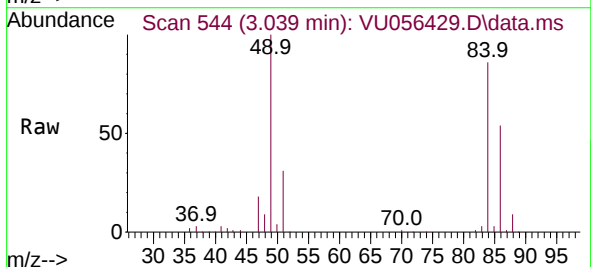
Instrument :
MSVOA_U
ClientSampleId :

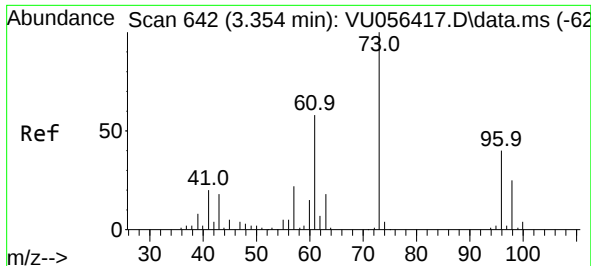
Tgt Ion: 43 Resp: 33297
Ion Ratio Lower Upper
43 100
74 24.7 20.6 31.0



#16
Methylene chloride
Concen: 4.570 ug/L
RT: 3.039 min Scan# 544
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 84 Resp: 104379
Ion Ratio Lower Upper
84 100
86 62.4 44.7 83.1
49 116.4 81.8 152.0



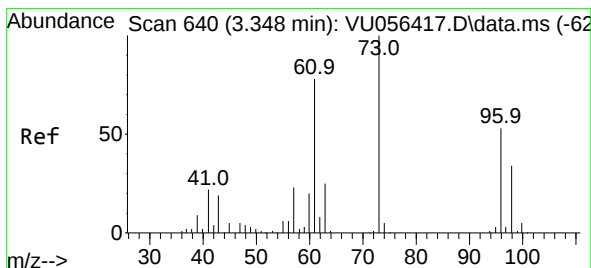
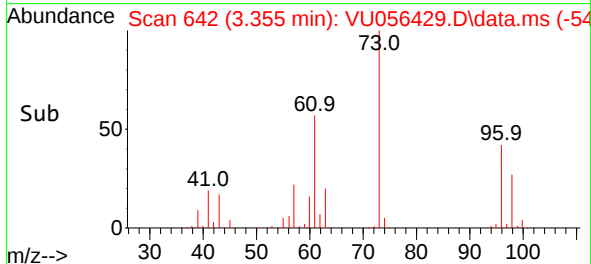
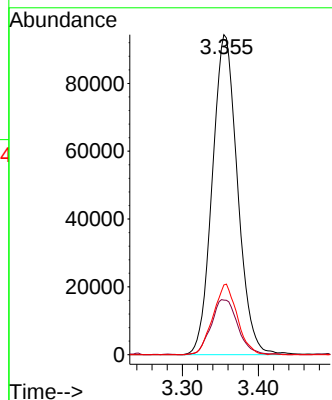
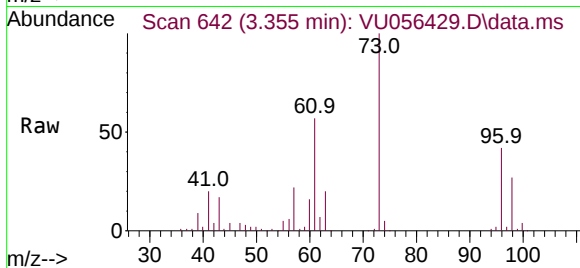


#17
Methyl tert-butyl Ether
Concen: 5.175 ug/L
RT: 3.355 min Scan# 642
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 216985

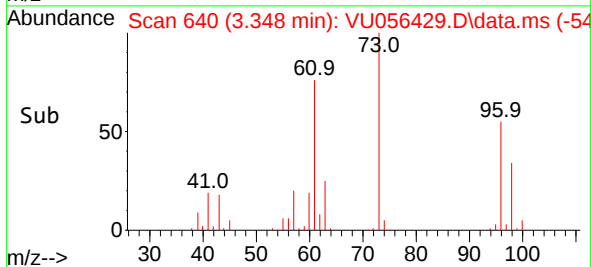
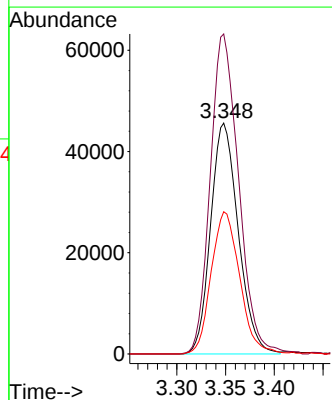
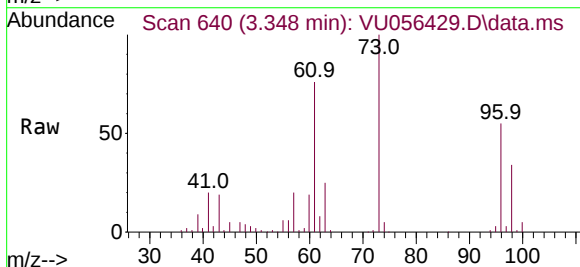
Ion	Ratio	Lower	Upper
73	100		
43	18.2	15.1	22.7
57	21.2	17.8	26.8

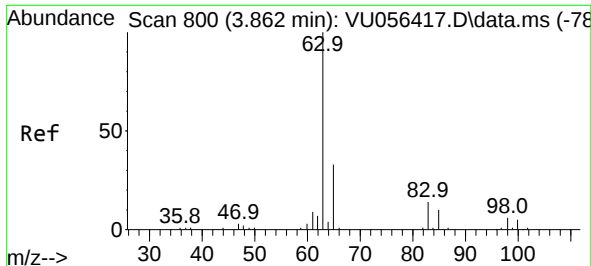


#18
trans-1,2-Dichloroethene
Concen: 5.077 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 96 Resp: 90149

Ion	Ratio	Lower	Upper
96	100		
61	138.6	101.7	188.9
98	61.6	43.0	80.0

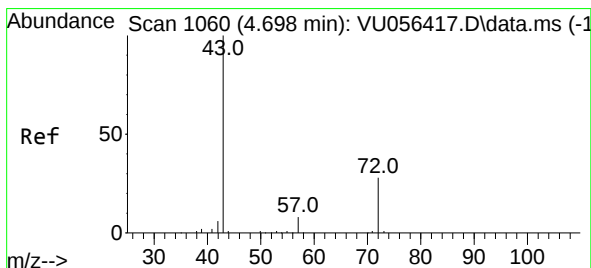
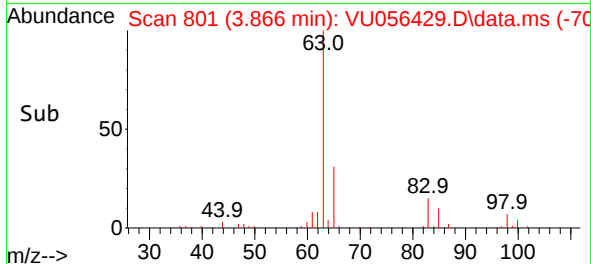
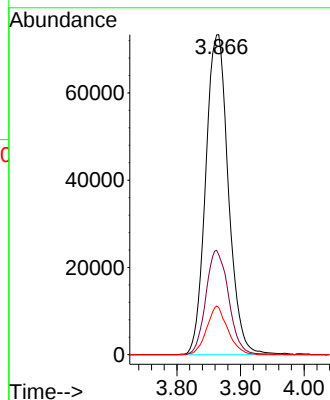
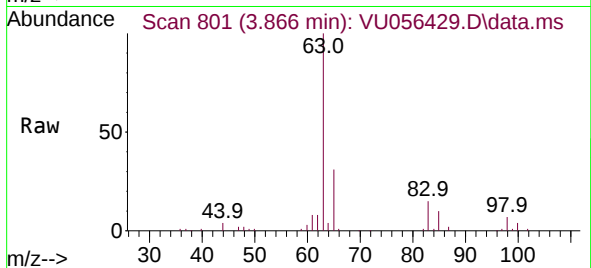




#19
1,1-Dichloroethane
Concen: 5.164 ug/L
RT: 3.866 min Scan# 800
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

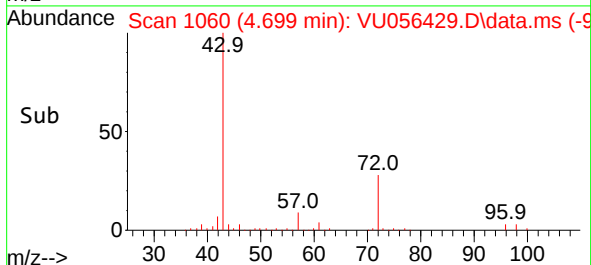
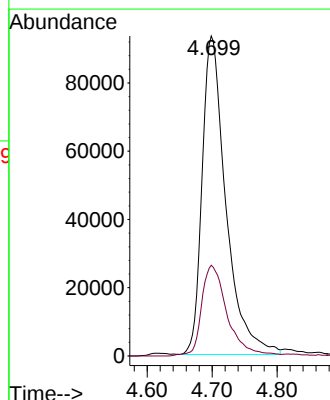
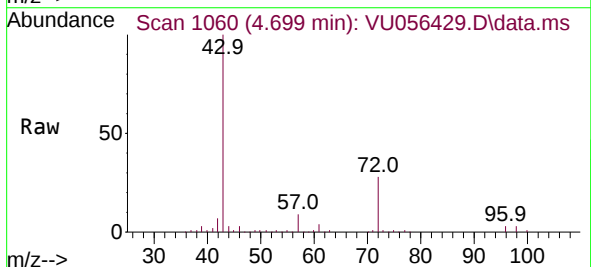
Instrument :
MSVOA_U
ClientSampleId :

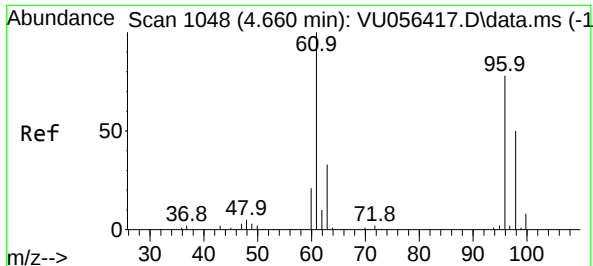
Tgt Ion: 63 Resp: 181646
Ion Ratio Lower Upper
63 100
65 31.2 21.8 40.6
83 14.8 9.7 17.9



#21
2-Butanone
Concen: 51.288 ug/L
RT: 4.699 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

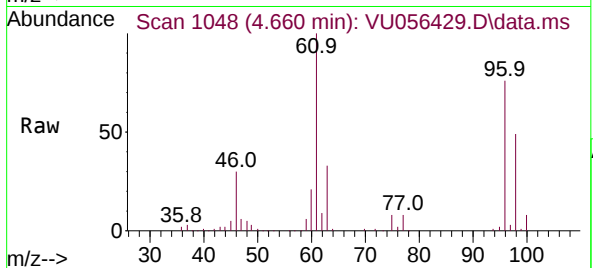
Tgt Ion: 43 Resp: 238337
Ion Ratio Lower Upper
43 100
72 30.6 14.2 42.6



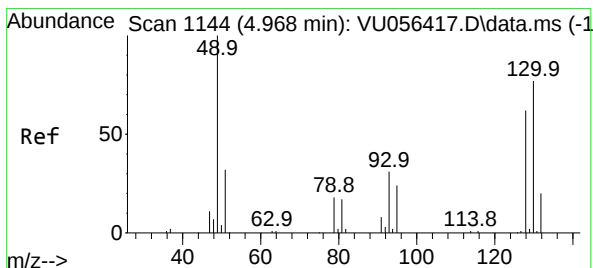
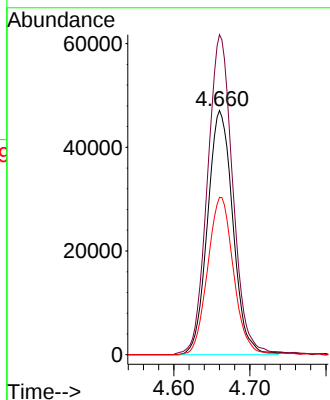
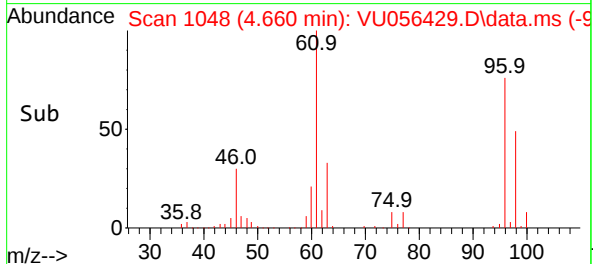


#22
 cis-1,2-Dichloroethene
 Concen: 5.417 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

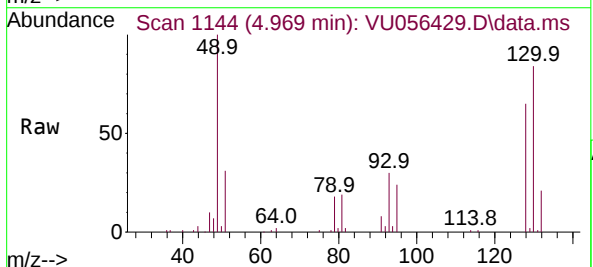
Instrument :
 MSVOA_U
 ClientSampleId :



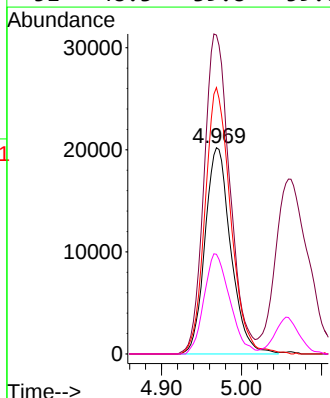
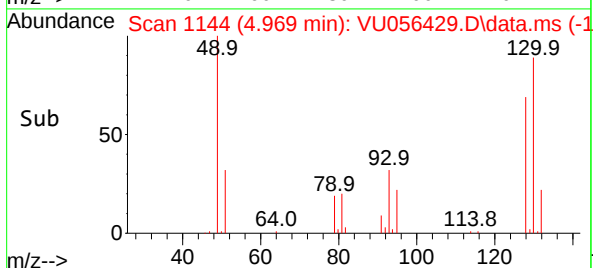
Tgt Ion: 96 Resp: 109094
 Ion Ratio Lower Upper
 96 100
 61 131.0 93.2 173.2
 98 64.4 44.8 83.2

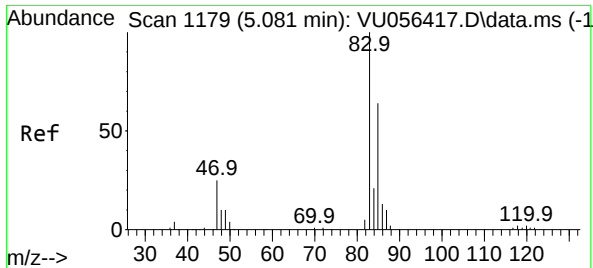


#23
 Bromochloromethane
 Concen: 5.466 ug/L
 RT: 4.969 min Scan# 1144
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10



Tgt Ion: 128 Resp: 45305
 Ion Ratio Lower Upper
 128 100
 49 154.6 113.4 210.6
 130 129.1 84.8 157.6
 51 48.3 39.8 59.6





#25

Chloroform

Concen: 5.175 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

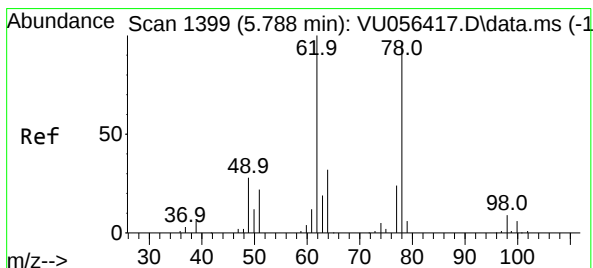
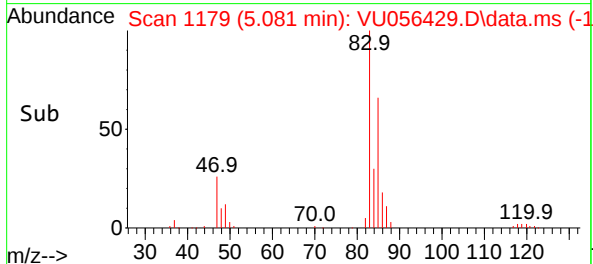
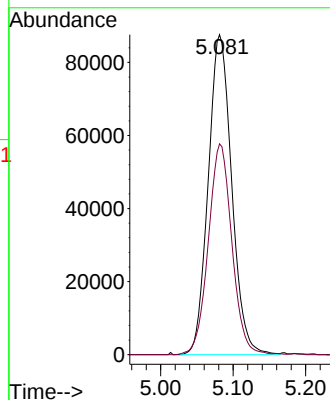
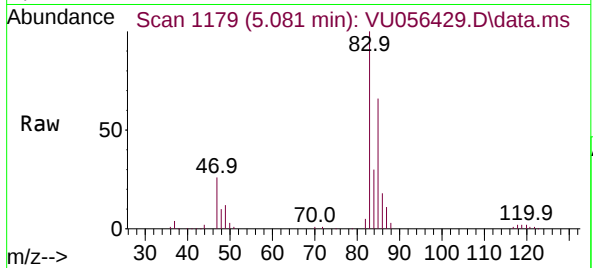
ClientSampleId :

Tgt Ion: 83 Resp: 197200

Ion Ratio Lower Upper

83 100

85 65.9 47.0 87.2



#27

1,2-Dichloroethane

Concen: 5.089 ug/L

RT: 5.789 min Scan# 1399

Delta R.T. 0.000 min

Lab File: VU056429.D

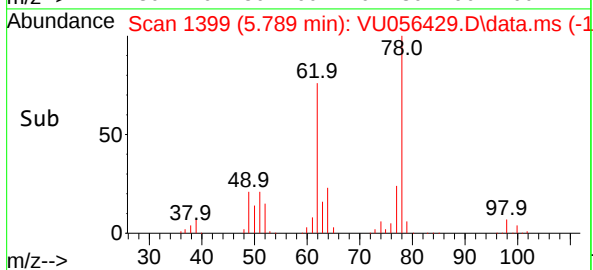
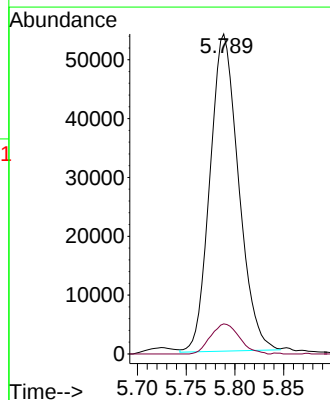
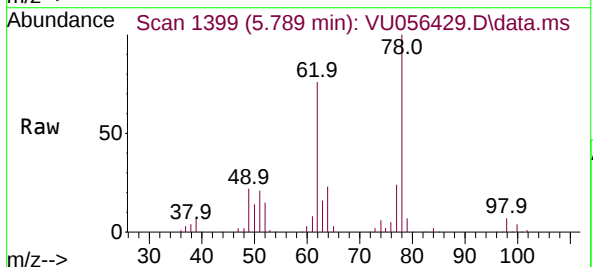
Acq: 17 Nov 2023 09:10

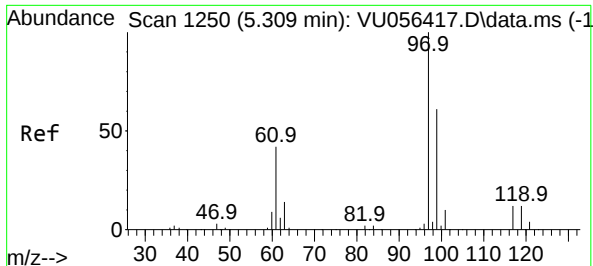
Tgt Ion: 62 Resp: 110117

Ion Ratio Lower Upper

62 100

98 9.4 6.6 10.0

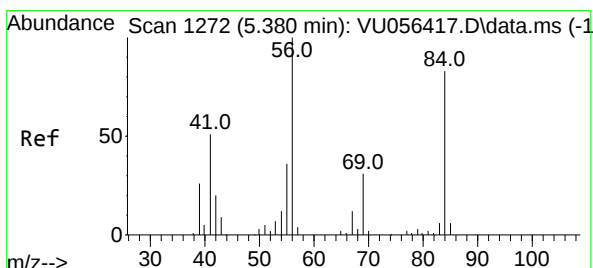
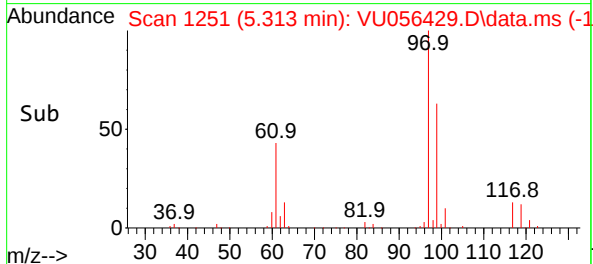
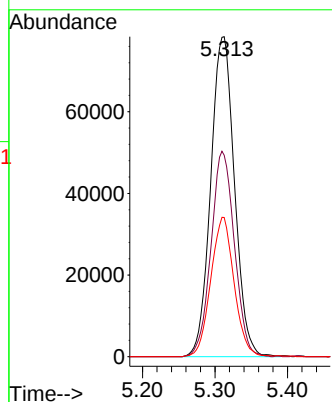
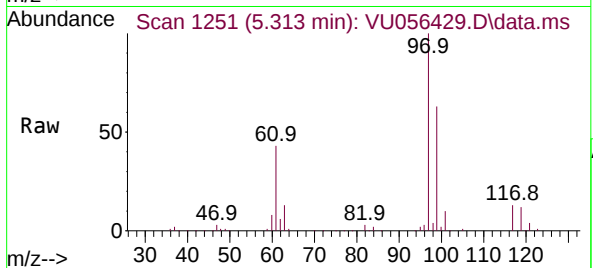




#29
1,1,1-Trichloroethane
Concen: 5.667 ug/L
RT: 5.313 min Scan# 1250
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

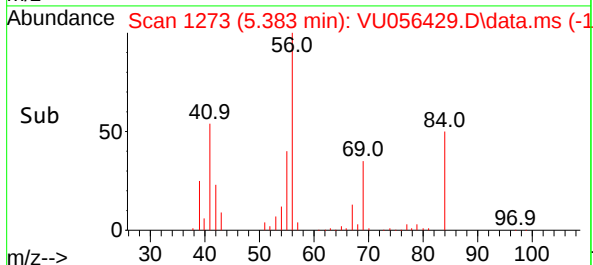
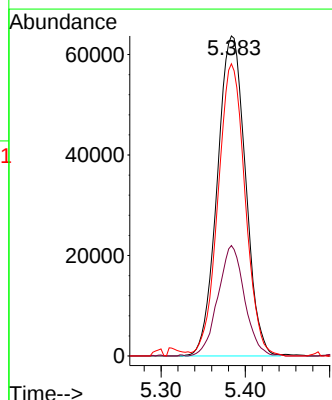
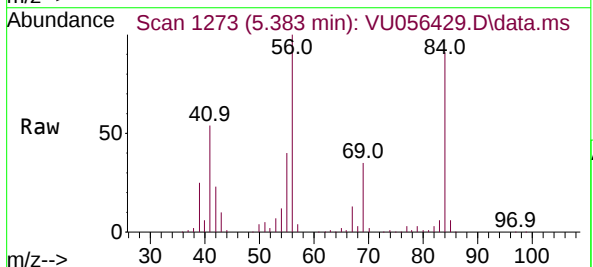
Instrument :
MSVOA_U
ClientSampleId :

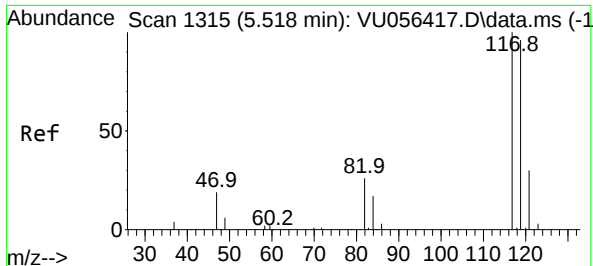
Tgt Ion: 97 Resp: 178740
Ion Ratio Lower Upper
97 100
99 63.1 51.6 77.4
61 42.7 34.3 51.5



#30
Cyclohexane
Concen: 4.940 ug/L
RT: 5.383 min Scan# 1273
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 56 Resp: 147901
Ion Ratio Lower Upper
56 100
69 32.5 25.4 38.2
84 87.8 68.6 103.0

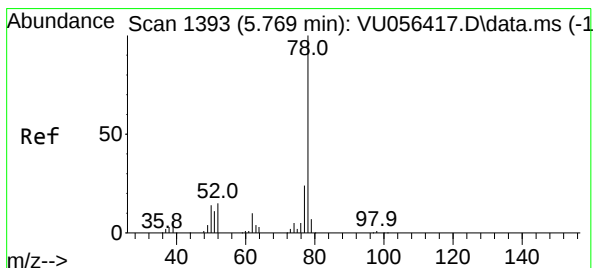
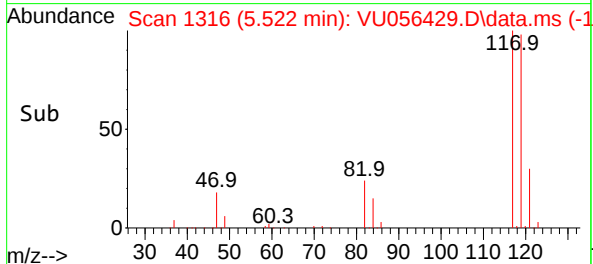
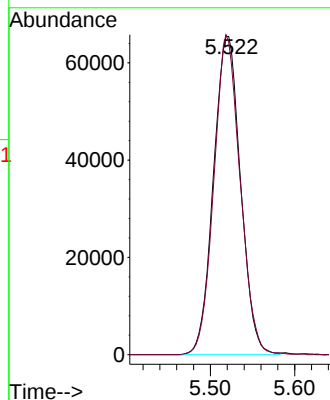
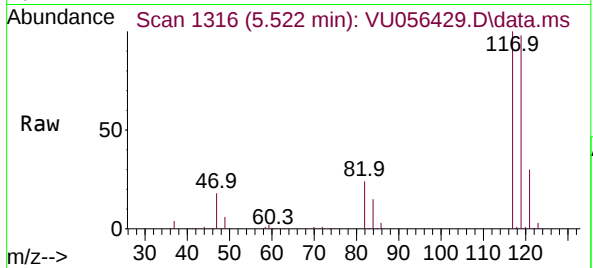




#31
Carbon tetrachloride
Concen: 5.380 ug/L
RT: 5.522 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

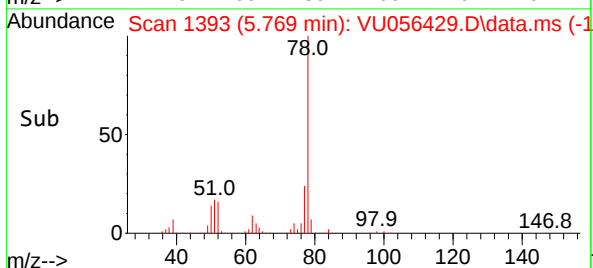
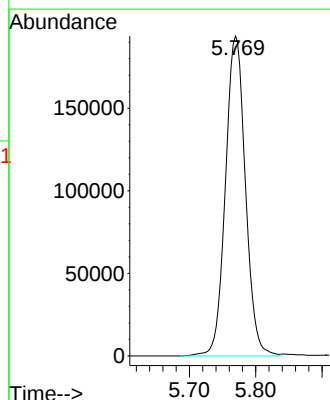
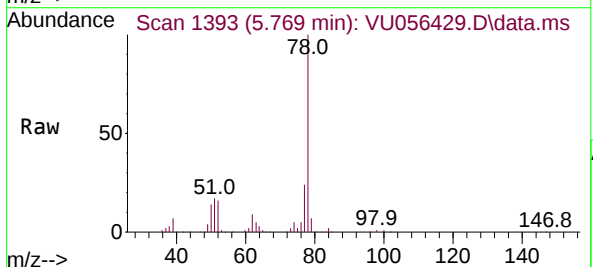
Instrument :
MSVOA_U
ClientSampleId :

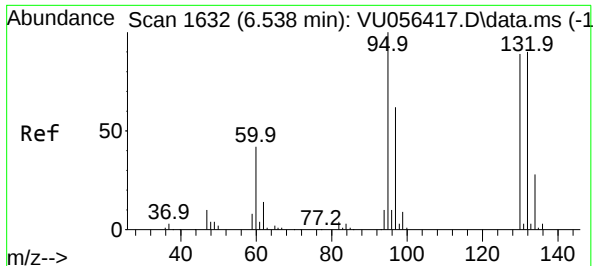
Tgt Ion:117 Resp: 145762
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1



#33
Benzene
Concen: 5.168 ug/L
RT: 5.769 min Scan# 1393
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 78 Resp: 405227

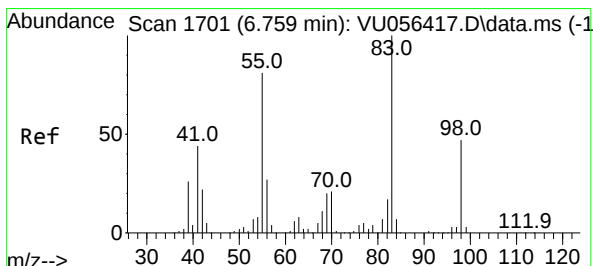
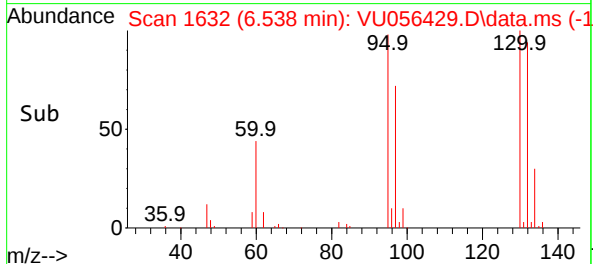
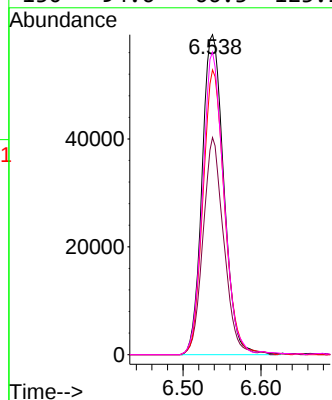
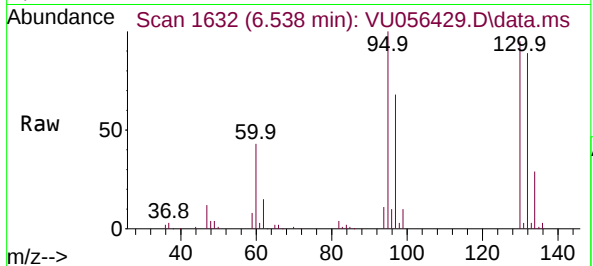




#34
Trichloroethene
Concen: 5.399 ug/L
RT: 6.538 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

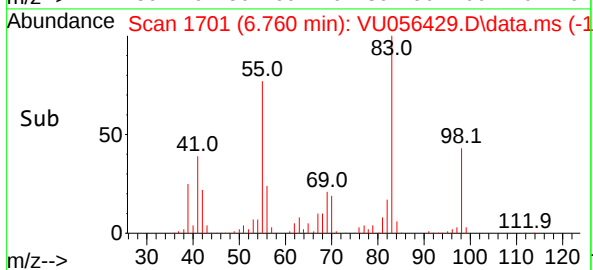
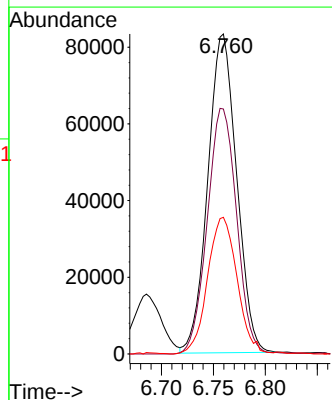
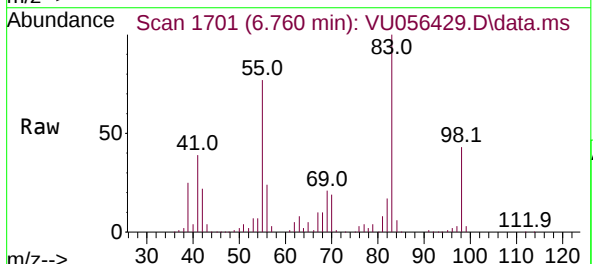
Instrument :
MSVOA_U
ClientSampleId :

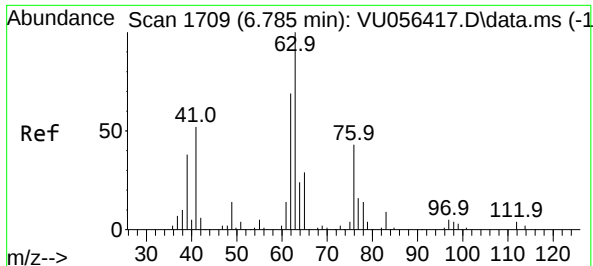
Tgt Ion: 95 Resp: 115342
Ion Ratio Lower Upper
95 100
97 67.9 46.5 86.3
132 89.0 62.0 115.2
130 94.6 66.3 123.1



#35
Methylcyclohexane
Concen: 5.207 ug/L
RT: 6.760 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 83 Resp: 160586
Ion Ratio Lower Upper
83 100
55 78.6 62.9 94.3
98 43.8 35.3 52.9





#37

1,2-Dichloropropane

Concen: 5.517 ug/L

RT: 6.785 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

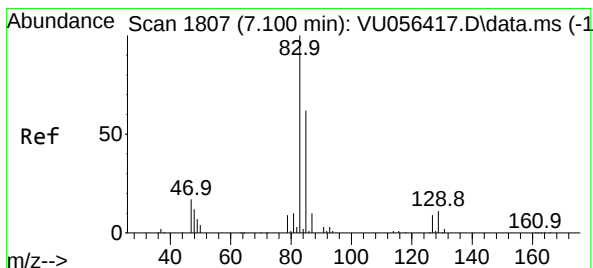
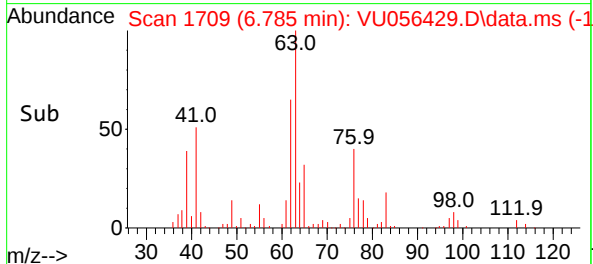
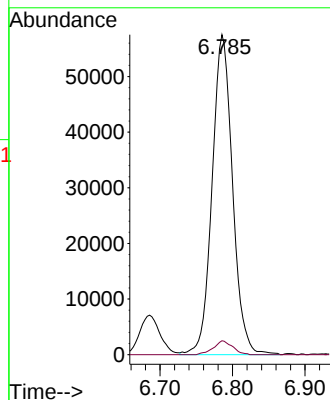
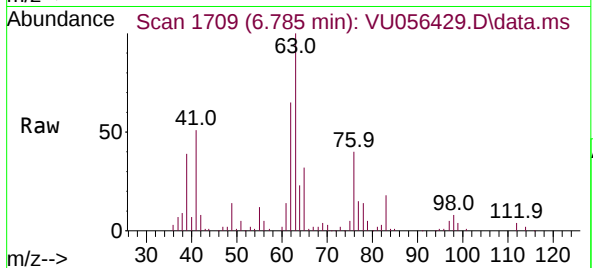
ClientSampleId :

Tgt Ion: 63 Resp: 112809

Ion Ratio Lower Upper

63 100

112 4.1 3.2 4.8



#38

Bromodichloromethane

Concen: 5.384 ug/L

RT: 7.100 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

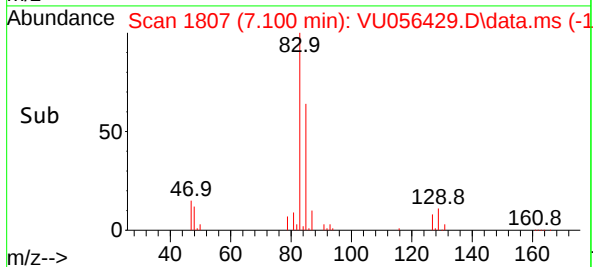
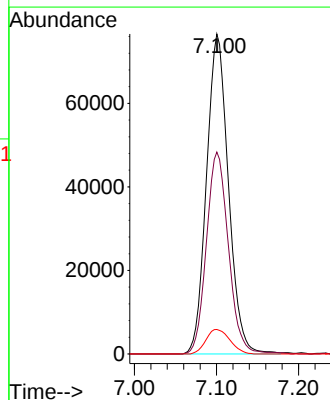
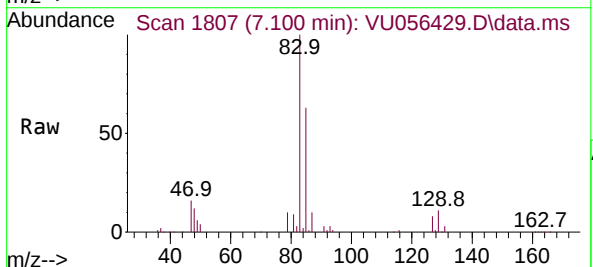
Tgt Ion: 83 Resp: 142104

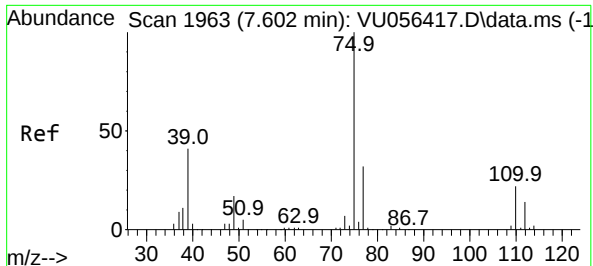
Ion Ratio Lower Upper

83 100

85 63.1 44.9 83.5

127 7.6 6.9 10.3

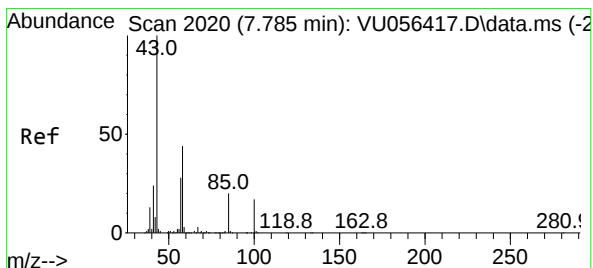
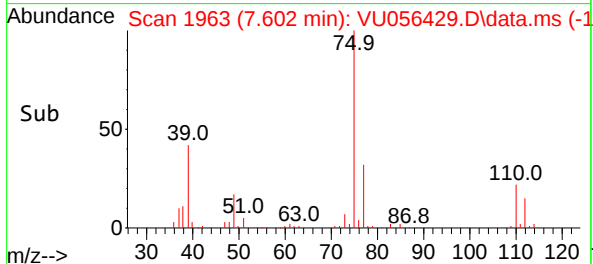
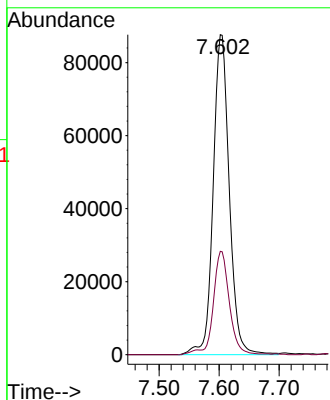
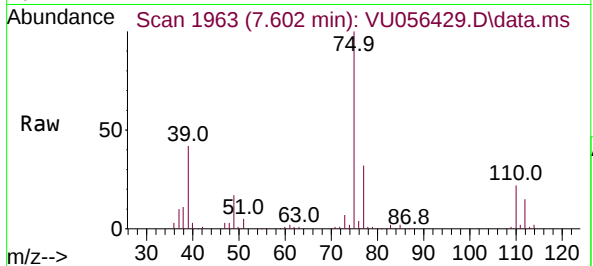




#39
 cis-1,3-Dichloropropene
 Concen: 5.438 ug/L
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

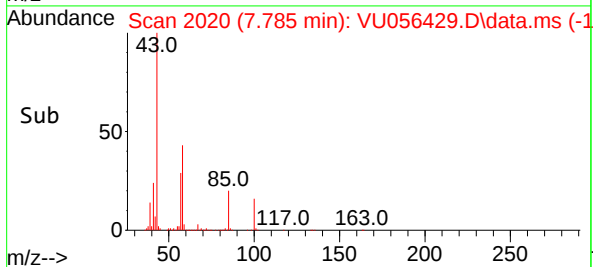
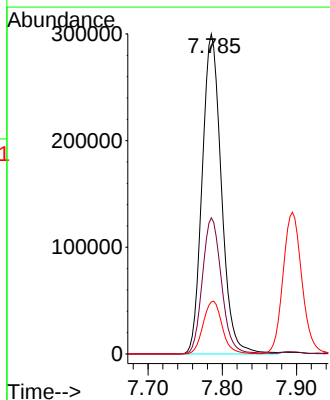
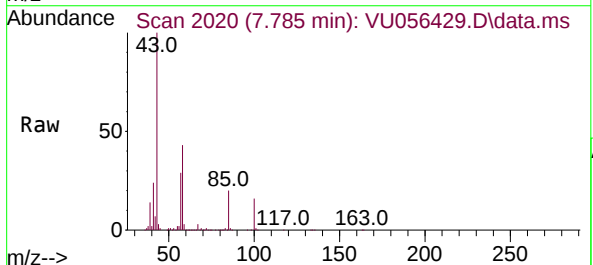
Instrument :
 MSVOA_U
 ClientSampleId :

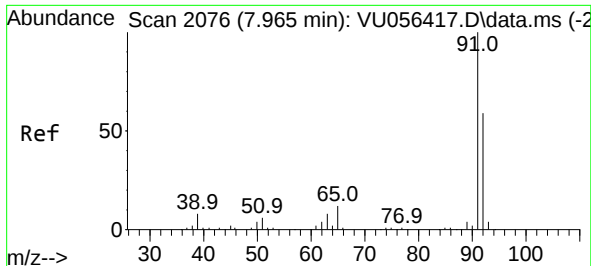
Tgt Ion: 75 Resp: 163390
 Ion Ratio Lower Upper
 75 100
 77 32.3 21.5 39.9



#40
 4-Methyl-2-pentanone
 Concen: 53.120 ug/L
 RT: 7.785 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

Tgt Ion: 43 Resp: 538399
 Ion Ratio Lower Upper
 43 100
 58 42.5 33.8 50.8
 100 16.4 13.0 19.4





#42

Toluene

Concen: 5.556 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

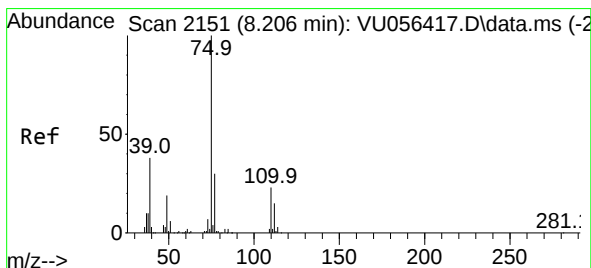
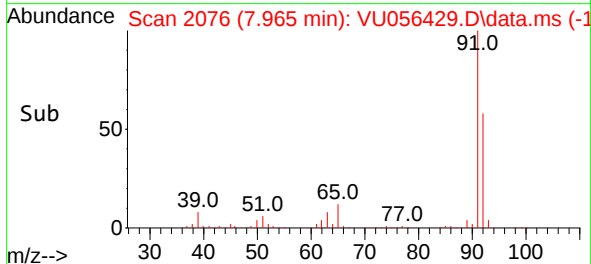
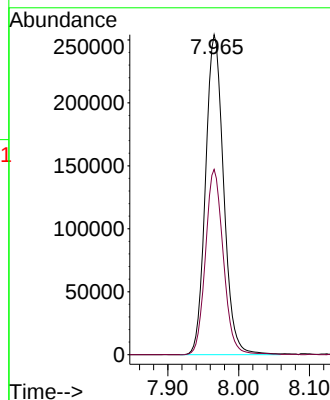
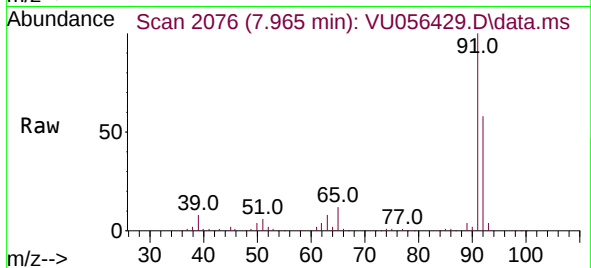
ClientSampleId :

Tgt Ion: 91 Resp: 450988

Ion Ratio Lower Upper

91 100

92 57.9 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.473 ug/L

RT: 8.206 min Scan# 2151

Delta R.T. 0.000 min

Lab File: VU056429.D

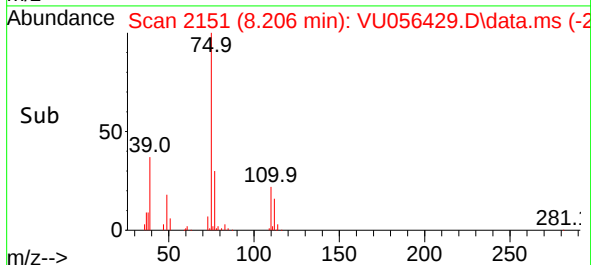
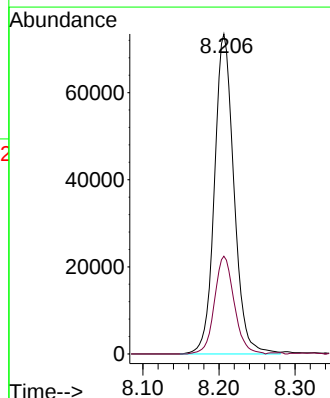
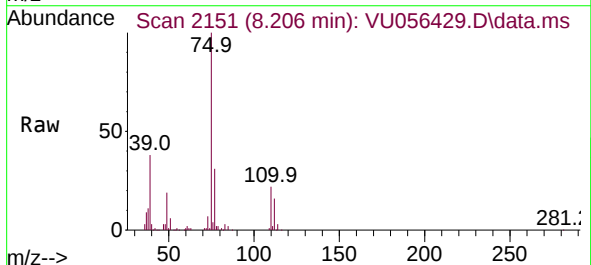
Acq: 17 Nov 2023 09:10

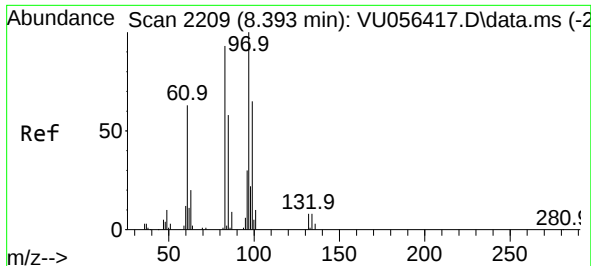
Tgt Ion: 75 Resp: 131088

Ion Ratio Lower Upper

75 100

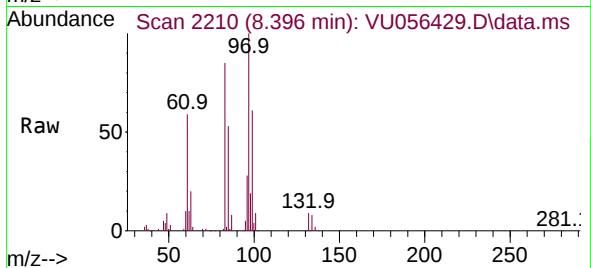
77 30.5 22.8 42.4



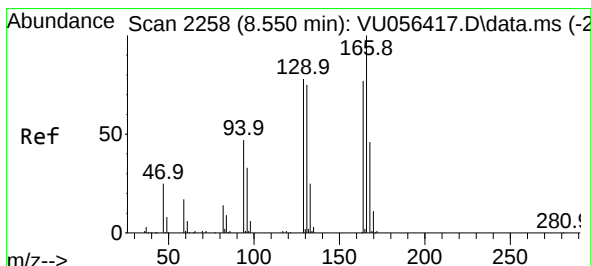
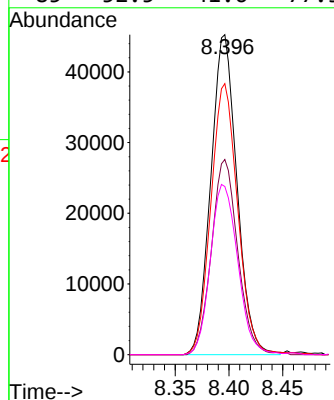
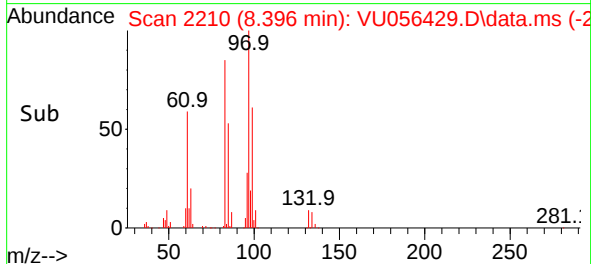


#45
1,1,2-Trichloroethane
Concen: 5.612 ug/L
RT: 8.396 min Scan# 2110
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

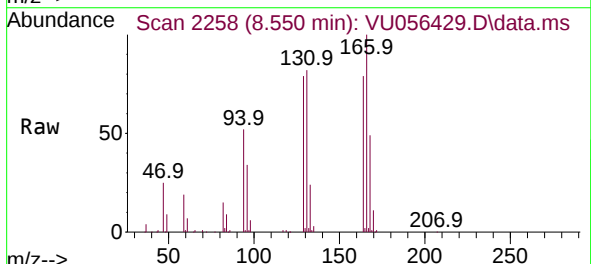
Instrument :
MSVOA_U
ClientSampleId :



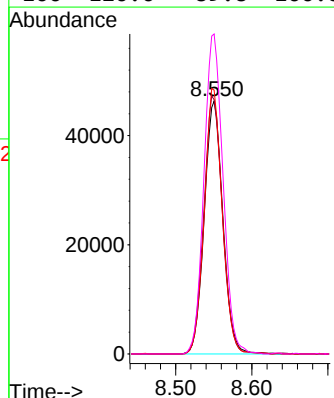
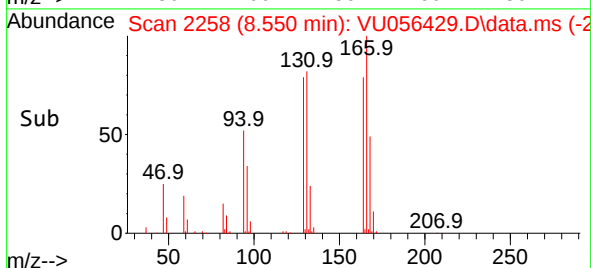
Tgt Ion: 97	Resp: 76416
Ion Ratio	Lower Upper
97 100	
99 61.0	44.3 82.3
83 84.7	65.4 121.4
85 52.5	41.6 77.3

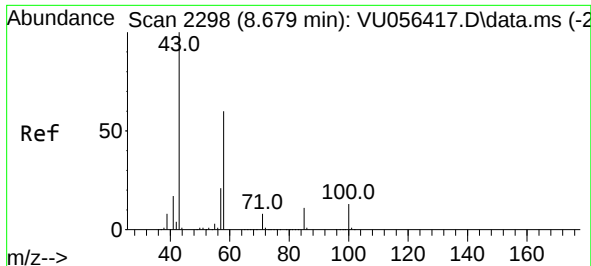


#47
Tetrachloroethene
Concen: 5.483 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10



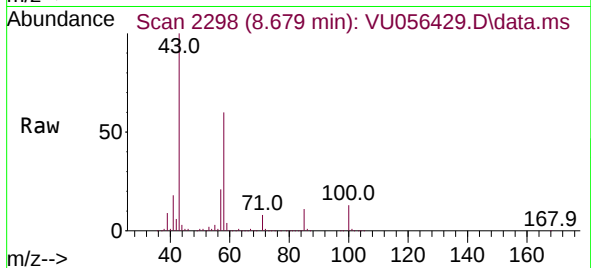
Tgt	Ion:164	Resp:	78976
Ion	Ratio	Lower	Upper
164	100		
129	100.6	71.0	131.9
131	104.4	70.3	130.7
166	126.6	89.8	166.8





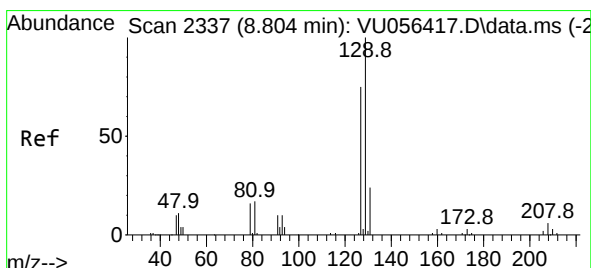
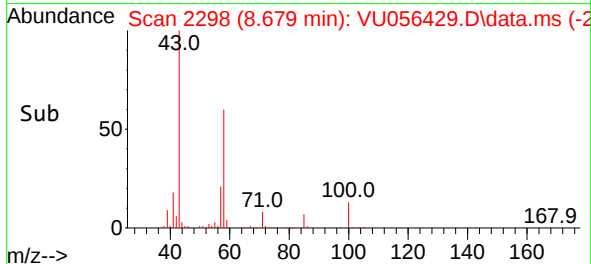
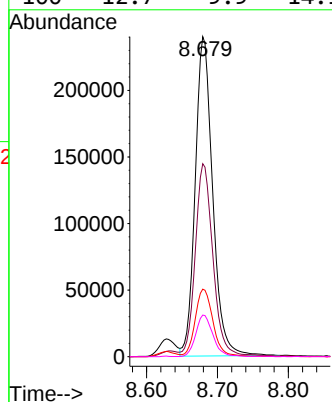
#48
2-Hexanone
Concen: 52.138 ug/L
RT: 8.679 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 43 Resp: 411679

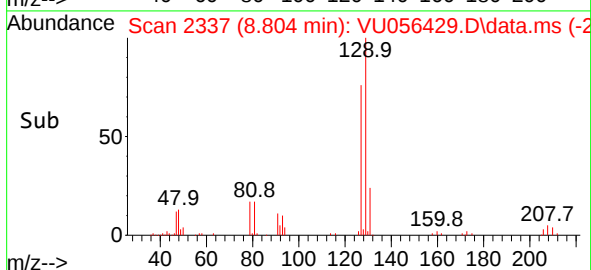
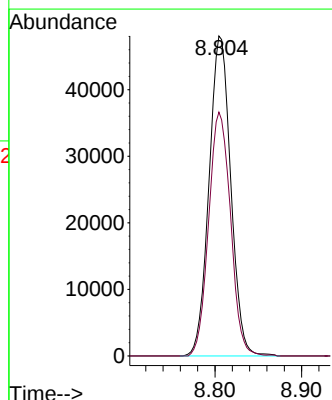
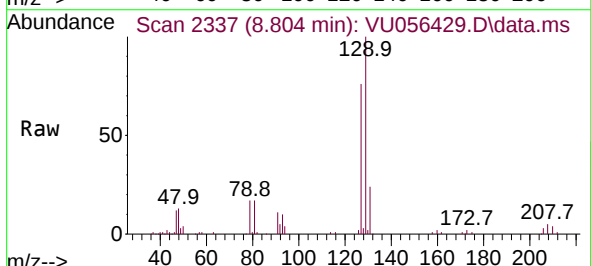
Ion	Ratio	Lower	Upper
43	100		
58	61.6	48.7	73.1
57	21.3	16.8	25.2
100	12.7	9.9	14.9

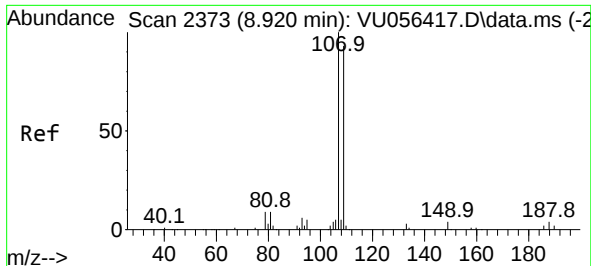


#49
Dibromochloromethane
Concen: 5.404 ug/L
RT: 8.804 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 129 Resp: 83680

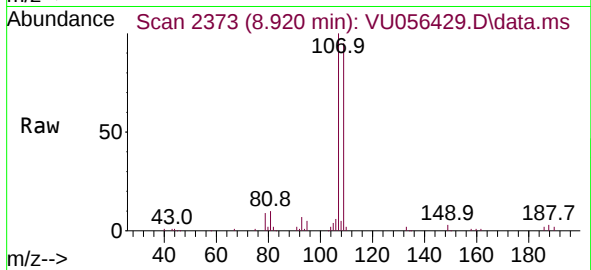
Ion	Ratio	Lower	Upper
129	100		
127	76.2	52.9	98.3



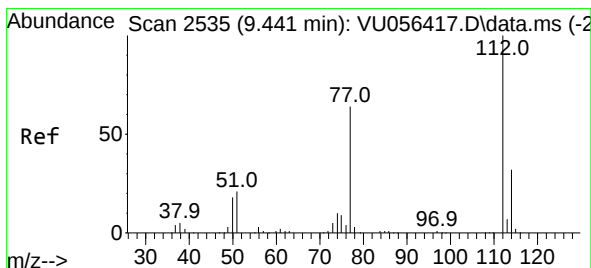
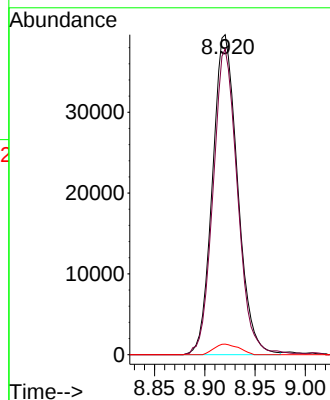
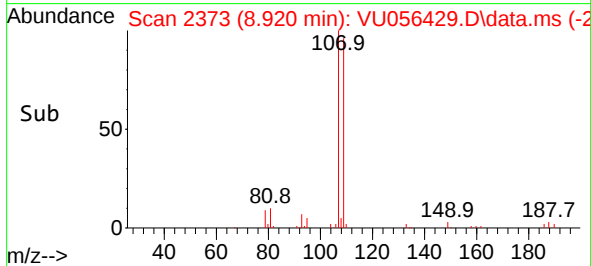


#50
1,2-Dibromoethane
Concen: 5.355 ug/L
RT: 8.920 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Instrument :
MSVOA_U
ClientSampleId :

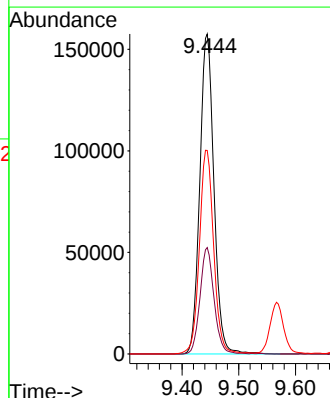
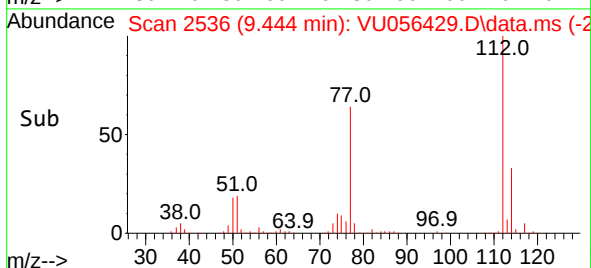
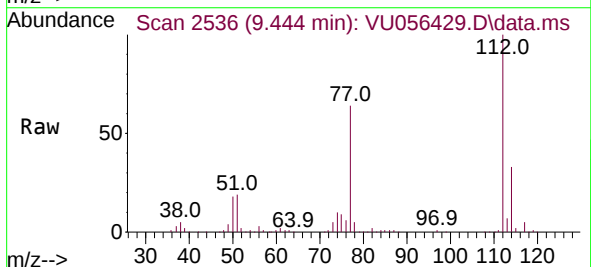


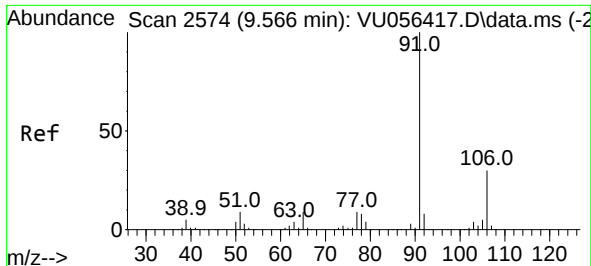
Tgt Ion:107 Resp: 68847
Ion Ratio Lower Upper
107 100
109 95.5 64.2 119.2
188 3.3 2.6 4.0



#51
Chlorobenzene
Concen: 5.236 ug/L
RT: 9.444 min Scan# 2536
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion:112 Resp: 273105
Ion Ratio Lower Upper
112 100
114 33.3 22.5 41.7
77 63.6 51.7 77.5

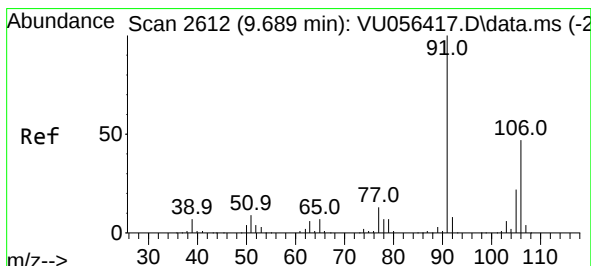
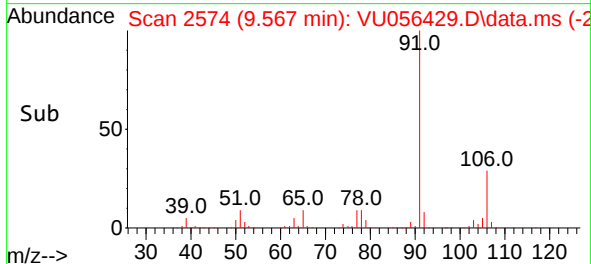
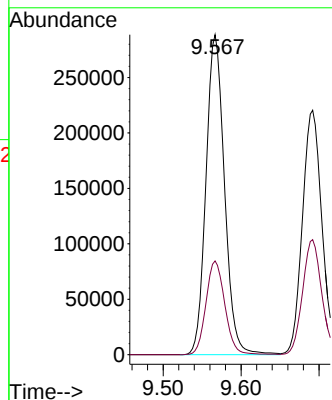
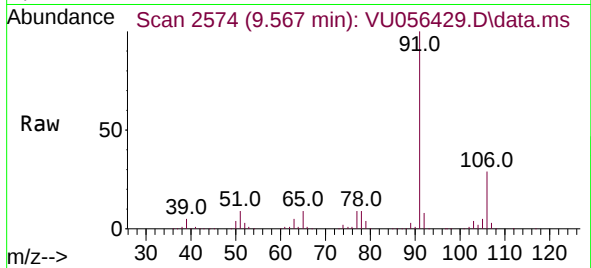




#52
Ethylbenzene
Concen: 5.288 ug/L
RT: 9.567 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

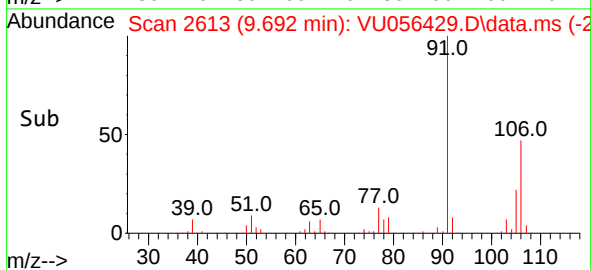
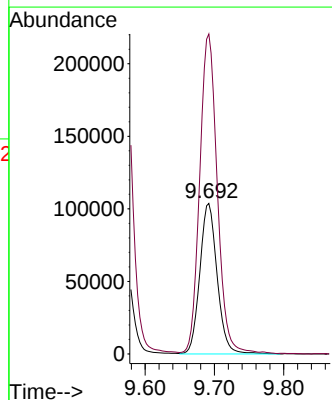
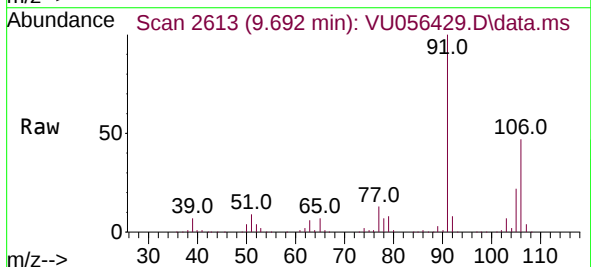
Instrument :
MSVOA_U
ClientSampleId :

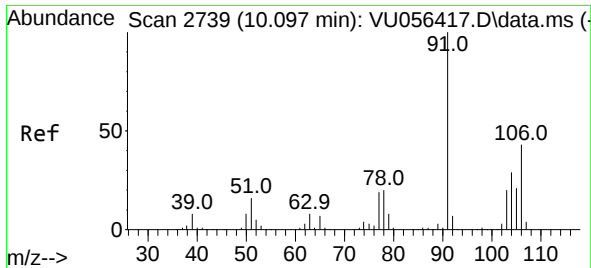
Tgt Ion: 91 Resp: 476634
Ion Ratio Lower Upper
91 100
106 29.3 21.1 39.1



#53
m,p-Xylene
Concen: 5.441 ug/L
RT: 9.692 min Scan# 2613
Delta R.T. 0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion:106 Resp: 180284
Ion Ratio Lower Upper
106 100
91 212.5 149.6 277.8

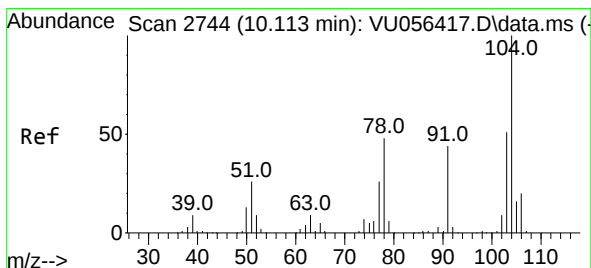
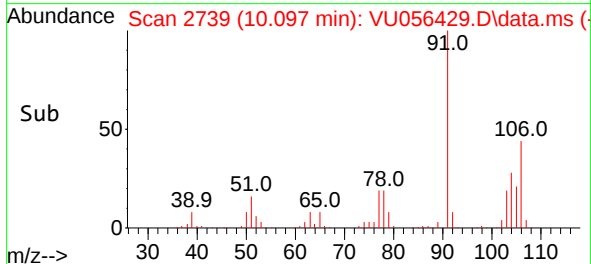
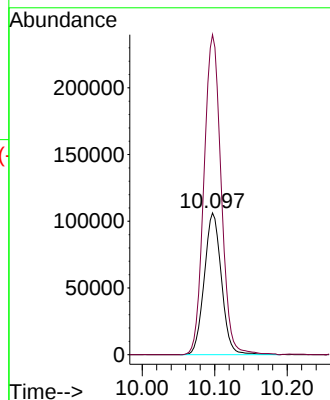
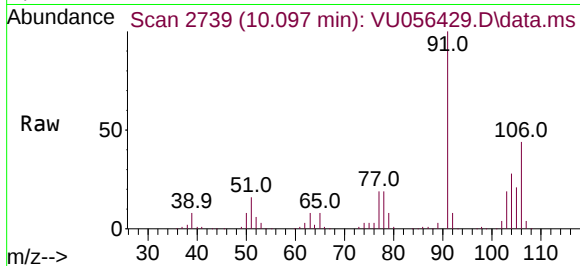




#54
o-Xylene
Concen: 5.424 ug/L
RT: 10.097 min Scan# 2739
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

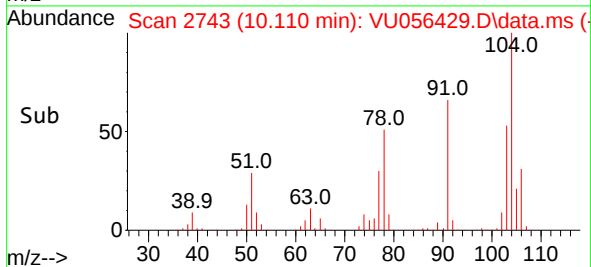
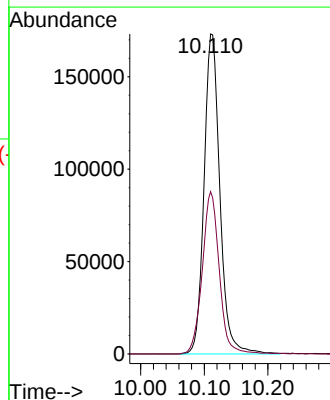
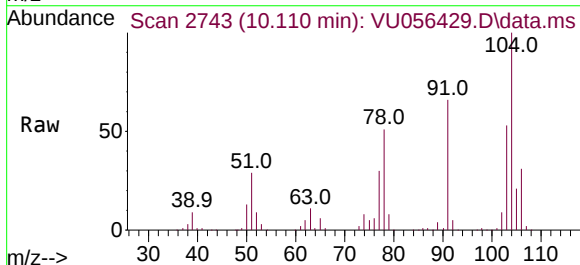
Instrument :
MSVOA_U
ClientSampleId :

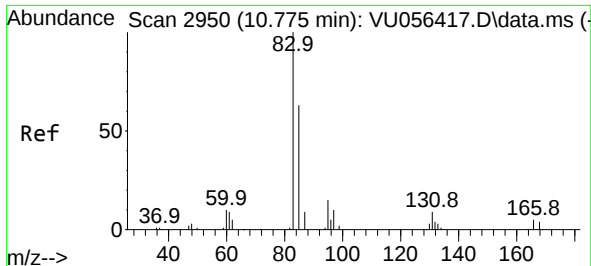
Tgt Ion:106 Resp: 174603
Ion Ratio Lower Upper
106 100
91 225.6 159.3 295.9



#55
Styrene
Concen: 5.589 ug/L
RT: 10.110 min Scan# 2743
Delta R.T. -0.003 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion:104 Resp: 299233
Ion Ratio Lower Upper
104 100
78 50.7 34.2 63.6

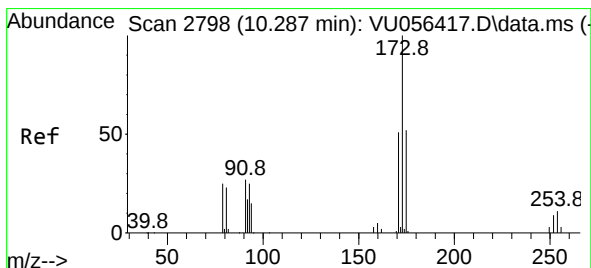
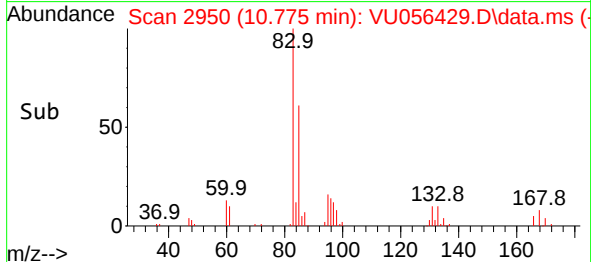
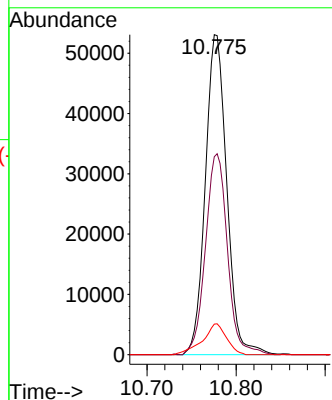
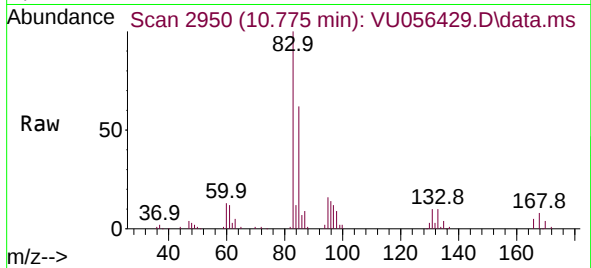




#57
1,1,2,2-Tetrachloroethane
Concen: 5.330 ug/L
RT: 10.775 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

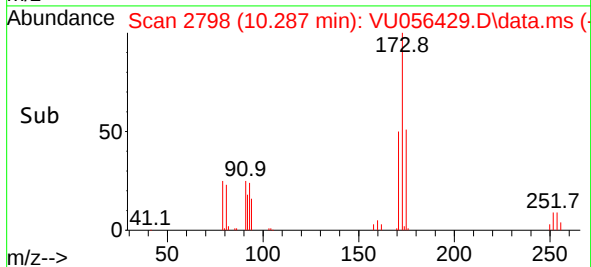
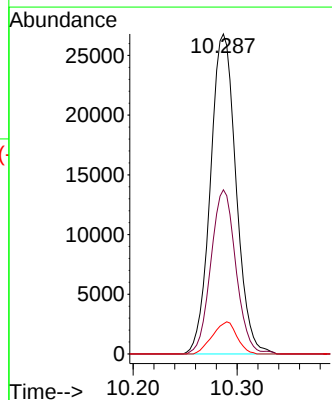
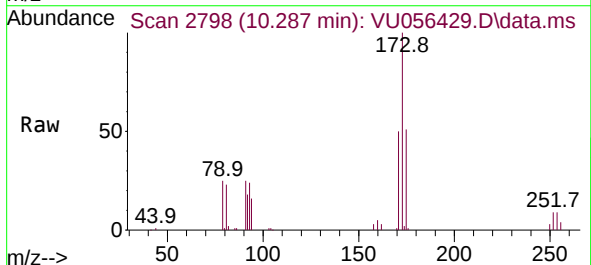
Instrument :
MSVOA_U
ClientSampleId :

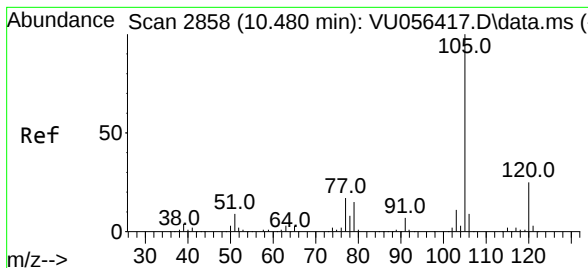
Tgt Ion: 83 Resp: 88626
Ion Ratio Lower Upper
83 100
85 61.8 46.3 86.1
131 9.6 6.7 10.1



#59
Bromoform
Concen: 5.267 ug/L
RT: 10.287 min Scan# 2798
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion: 173 Resp: 45830
Ion Ratio Lower Upper
173 100
175 50.2 38.9 58.3
254 9.6 6.7 10.1





#60

Isopropylbenzene

Concen: 5.263 ug/L

RT: 10.480 min Scan# 2858

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

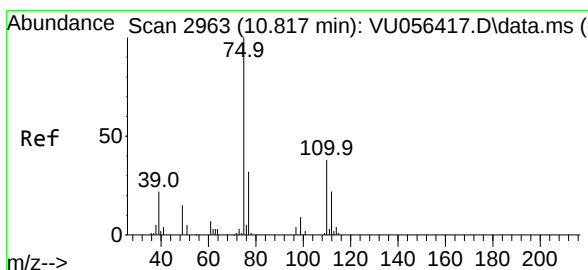
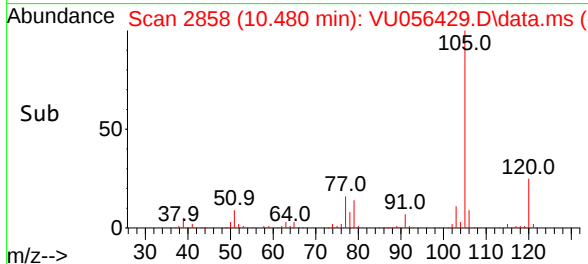
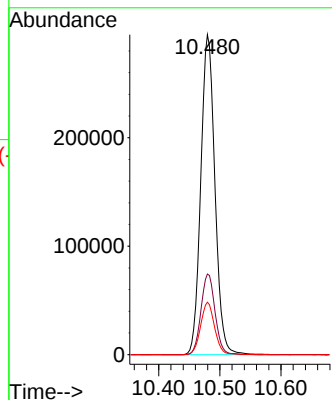
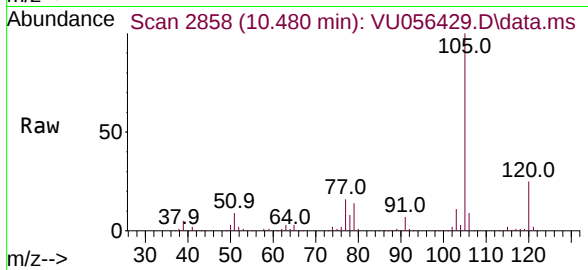
Tgt Ion:105 Resp: 474112

Ion Ratio Lower Upper

105 100

120 25.1 20.4 30.6

77 16.2 13.3 19.9



#61

1,2,3-Trichloropropane

Concen: 5.099 ug/L

RT: 10.817 min Scan# 2963

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

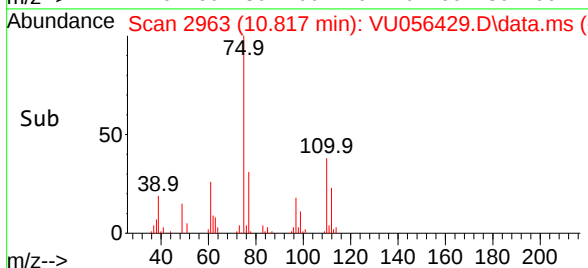
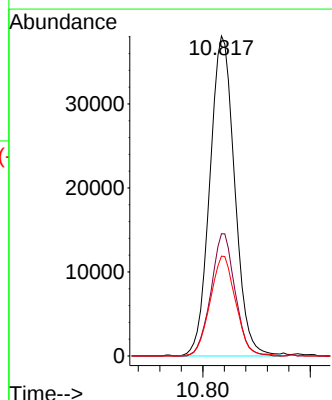
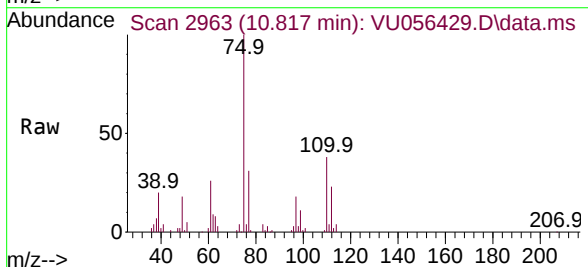
Tgt Ion: 75 Resp: 61110

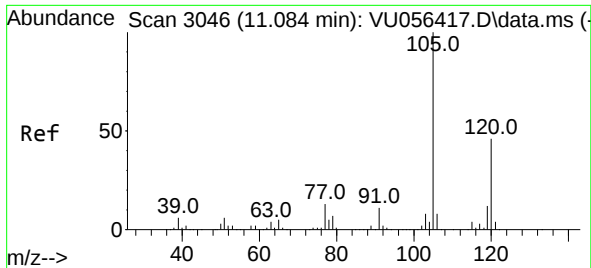
Ion Ratio Lower Upper

75 100

110 37.1 30.4 45.6

77 32.0 27.0 40.6

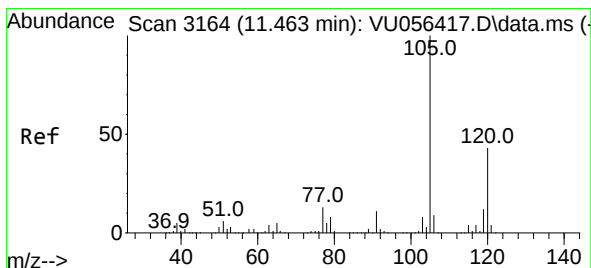
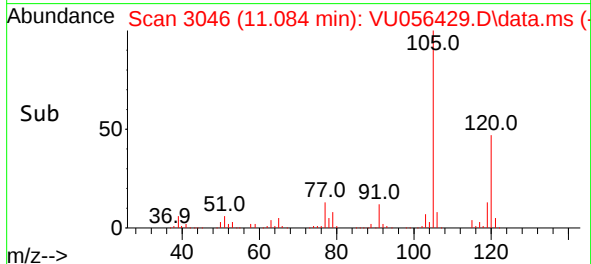
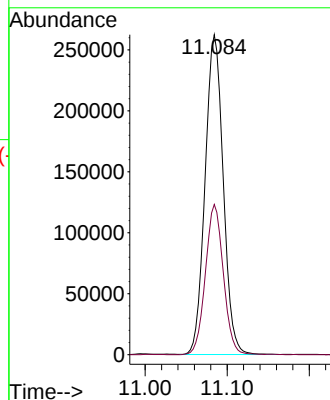
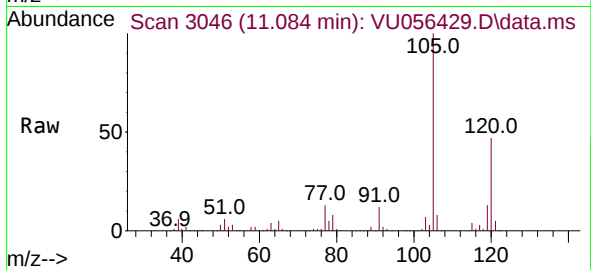




#62
1,3,5-Trimethylbenzene
Concen: 5.441 ug/L
RT: 11.084 min Scan# 3046
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

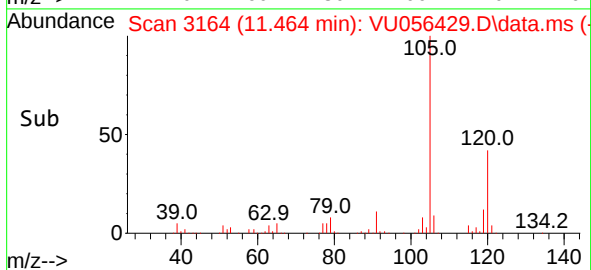
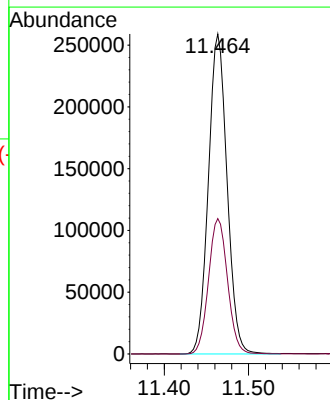
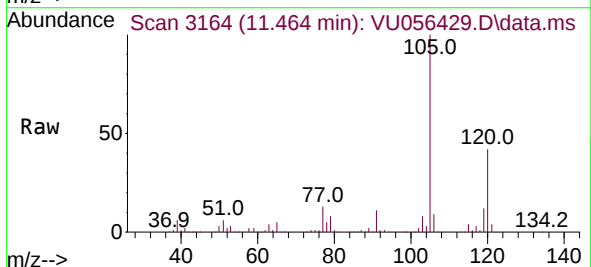
Instrument :
MSVOA_U
ClientSampleId :

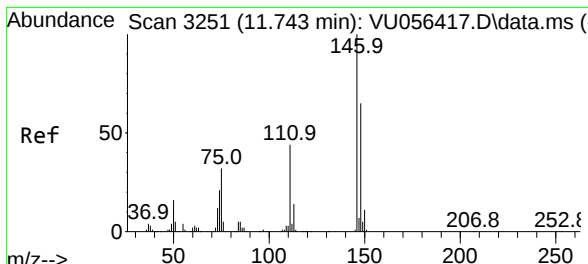
Tgt Ion:105 Resp: 402450
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8



#63
1,2,4-Trimethylbenzene
Concen: 5.465 ug/L
RT: 11.464 min Scan# 3164
Delta R.T. 0.000 min
Lab File: VU056429.D
Acq: 17 Nov 2023 09:10

Tgt Ion:105 Resp: 399009
Ion Ratio Lower Upper
105 100
120 43.1 34.0 51.0

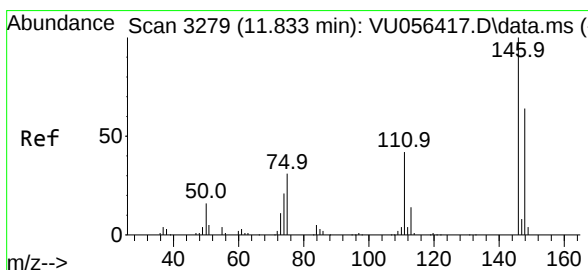
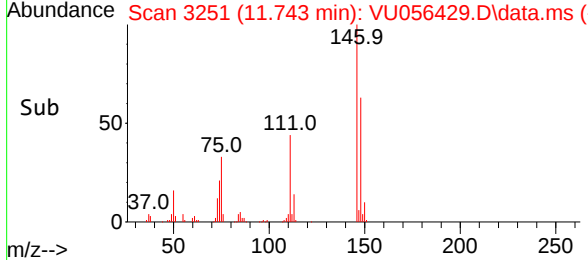
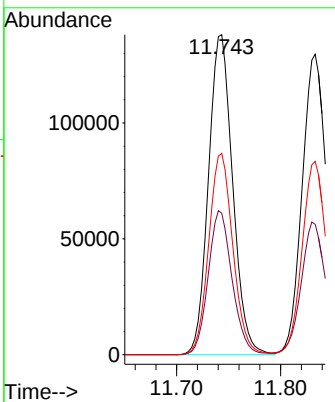
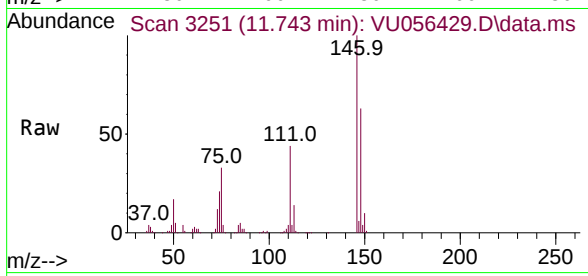




#64
 1,3-Dichlorobenzene
 Concen: 5.457 ug/L
 RT: 11.743 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

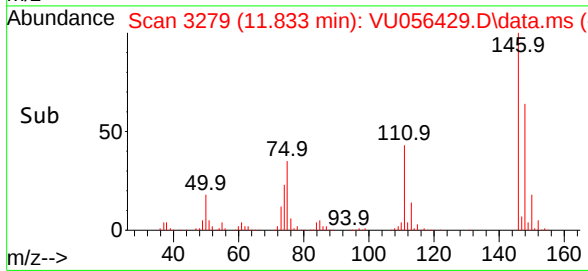
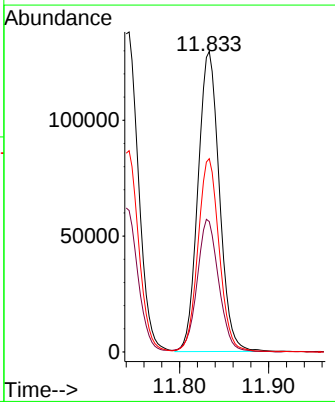
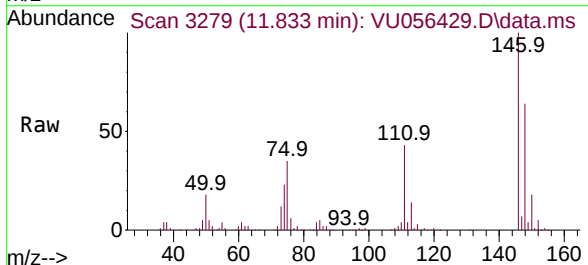
Instrument :
 MSVOA_U
 ClientSampleId :

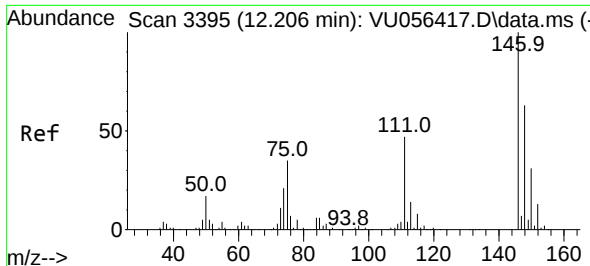
Tgt Ion:	146	Resp:	223609
Ion Ratio	Lower	Upper	
146	100		
111	44.2	31.1	57.7
148	62.9	45.1	83.9



#65
 1,4-Dichlorobenzene
 Concen: 5.254 ug/L
 RT: 11.833 min Scan# 3279
 Delta R.T. 0.000 min
 Lab File: VU056429.D
 Acq: 17 Nov 2023 09:10

Tgt Ion:	146	Resp:	215962
Ion Ratio	Lower	Upper	
146	100		
111	43.4	30.5	56.7
148	64.3	44.8	83.2





#67

1,2-Dichlorobenzene

Concen: 5.267 ug/L

RT: 12.210 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

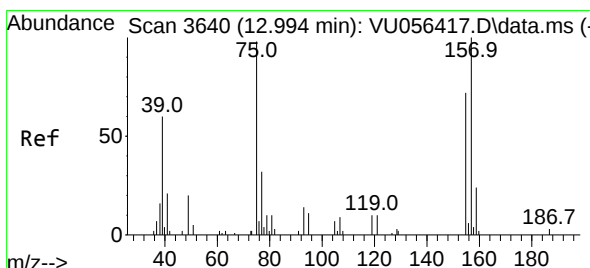
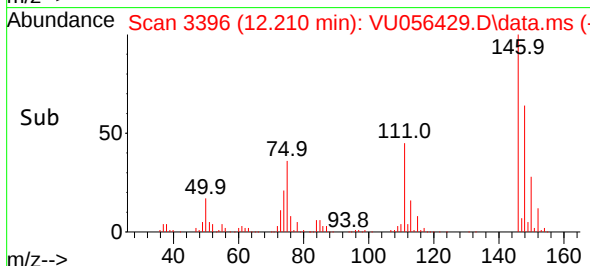
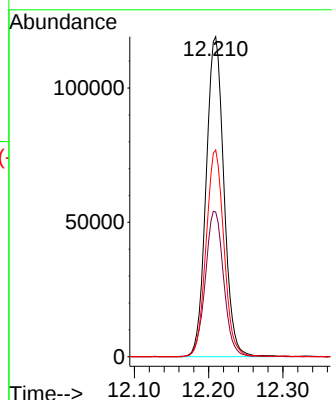
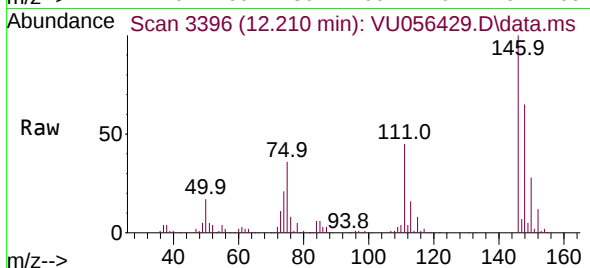
Tgt Ion:146 Resp: 197992

Ion Ratio Lower Upper

146 100

111 45.2 38.3 57.5

148 64.6 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 4.930 ug/L

RT: 12.994 min Scan# 3640

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

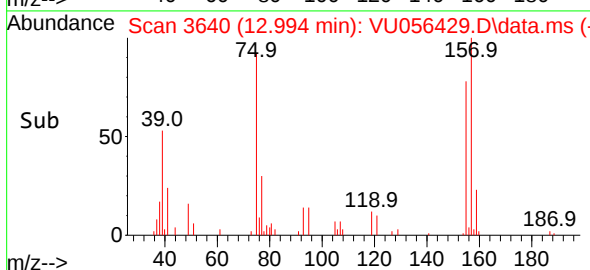
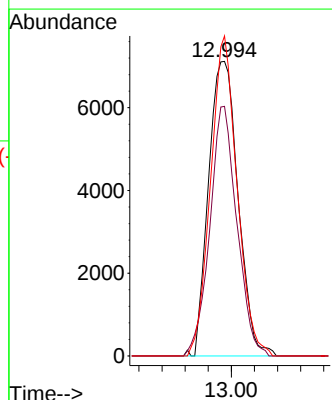
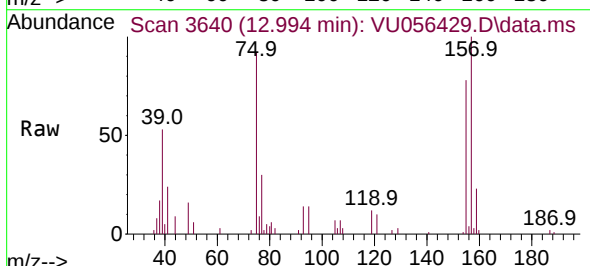
Tgt Ion: 75 Resp: 12619

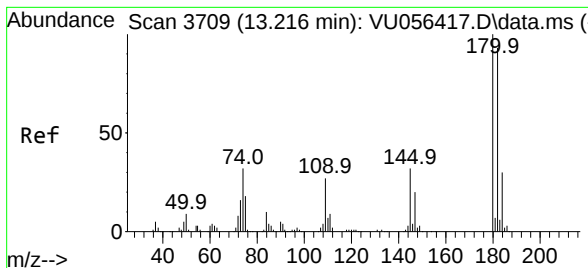
Ion Ratio Lower Upper

75 100

155 84.8 62.4 93.6

157 108.7 80.2 120.2





#69

1,3,5-Trichlorobenzene

Concen: 5.273 ug/L

RT: 13.216 min Scan# 3709

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 162673

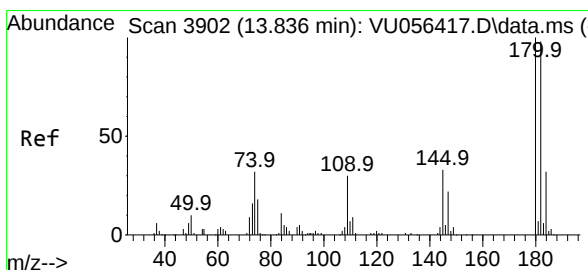
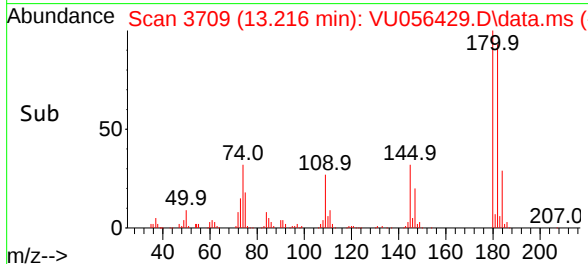
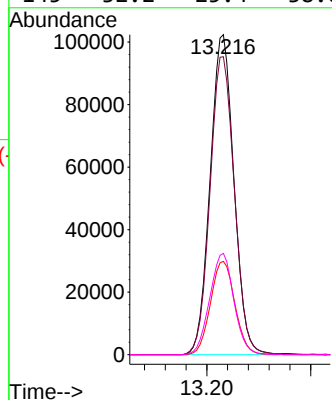
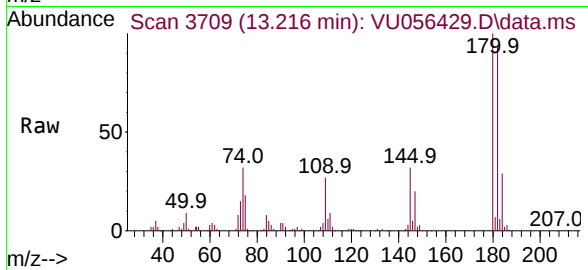
Ion Ratio Lower Upper

180 100

182 95.3 75.1 112.7

184 29.9 23.5 35.3

145 32.2 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 5.066 ug/L

RT: 13.836 min Scan# 3902

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

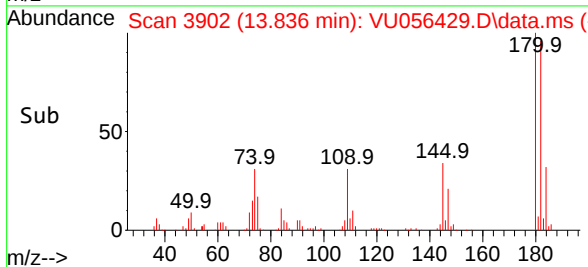
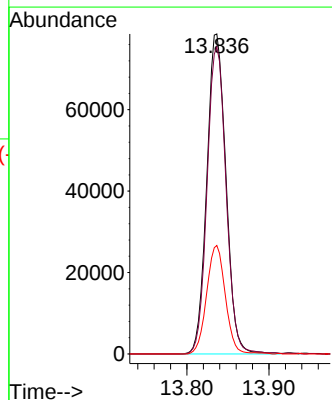
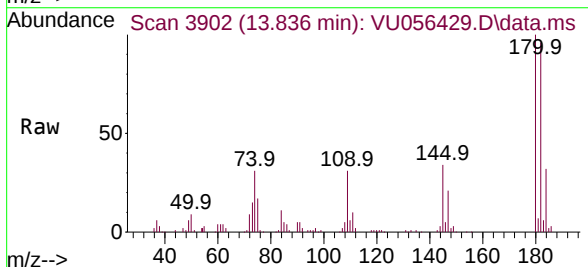
Tgt Ion:180 Resp: 127307

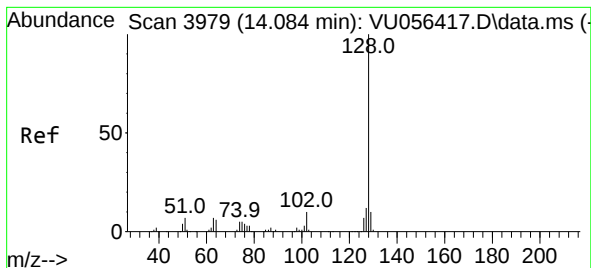
Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.2

145 33.2 26.8 40.2





#71

Naphthalene

Concen: 4.878 ug/L

RT: 14.081 min Scan# 3979

Delta R.T. -0.003 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Instrument :

MSVOA_U

ClientSampleId :

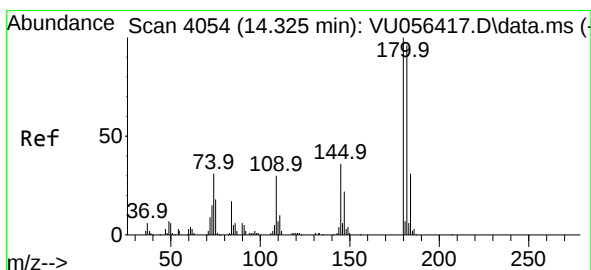
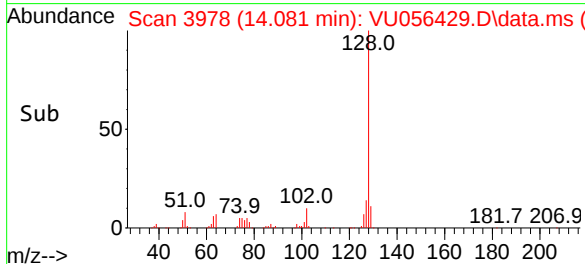
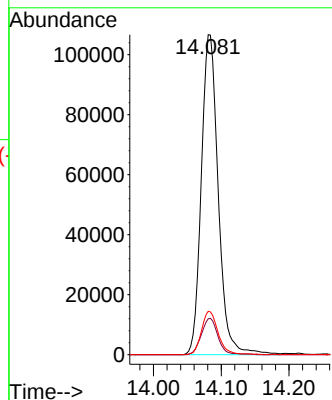
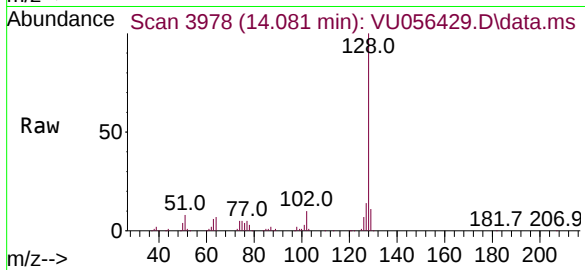
Tgt Ion:128 Resp: 185208

Ion Ratio Lower Upper

128 100

129 11.1 8.6 12.8

127 13.2 10.3 15.5



#72

1,2,3-Trichlorobenzene

Concen: 5.135 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. 0.000 min

Lab File: VU056429.D

Acq: 17 Nov 2023 09:10

Tgt Ion:180 Resp: 106284

Ion Ratio Lower Upper

180 100

182 96.9 78.6 117.8

145 35.2 29.0 43.6

