

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042522\
 Data File : U048270.D
 Acq On : 25 Apr 2022 15:37
 Operator : SY/MD
 Sample : N2316-23MSME
 Misc : 4.99g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNS0MEMS

Quant Time: Apr 26 02:44:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 26 02:41:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	447013	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	475284	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	258620	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78241	19.034	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	38.060%#
7) Chloroethane-d5	1.871	69	29347	10.171	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	20.340%#
11) 1,1-Dichloroethene-d2	2.530	63	262404	39.840	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.680%
21) 2-Butanone-d5	4.639	46	306305	87.367	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.370%
24) Chloroform-d	5.064	84	300673	40.327	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.660%
26) 1,2-Dichloroethane-d4	5.700	65	183936	41.578	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.160%
32) Benzene-d6	5.719	84	620920	41.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.840%
36) 1,2-Dichloropropane-d6	6.690	67	206265	41.622	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.240%
41) Toluene-d8	7.899	98	580250	42.705	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.420%
43) trans-1,3-Dichloroprop...	8.182	79	95273	43.569	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.140%
47) 2-Hexanone-d5	8.658	63	239379	89.531	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.530%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	346065	39.817	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	252205	43.351	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.379	85	70717	20.936	ug/L	100
3) Chloromethane	1.523	50	164779	42.622	ug/L	98
5) Vinyl chloride	1.604	62	81861	21.012	ug/L	89
6) Bromomethane	1.826	94	50087	27.974	ug/L	99
8) Chloroethane	1.890	64	19022	8.635	ug/L	99
9) Trichlorofluoromethane	2.064	101	102580	20.204	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.536	101	136875	40.647	ug/L	100
12) 1,1-Dichloroethene	2.540	96	118803	40.418	ug/L	86
13) Acetone	2.649	43	170424	75.718	ug/L	98
14) Carbon disulfide	2.755	76	296780	41.428	ug/L	100
15) Methyl Acetate	2.954	43	200056	44.776	ug/L	98
16) Methylene chloride	3.031	84	163430	43.127	ug/L	97
17) trans-1,2-Dichloroethene	3.330	96	133215	43.626	ug/L	99
18) Methyl tert-butyl Ether	3.372	73	471032	46.752	ug/L	100
19) 1,1-Dichloroethane	3.861	63	255206	39.967	ug/L	98
20) cis-1,2-Dichloroethene	4.658	96	166853	45.331	ug/L	97
22) 2-Butanone	4.719	43	289463	86.971	ug/L	98
23) Bromochloromethane	4.977	128	89280	43.446	ug/L	99
25) Chloroform	5.086	83	286265	43.903	ug/L	98

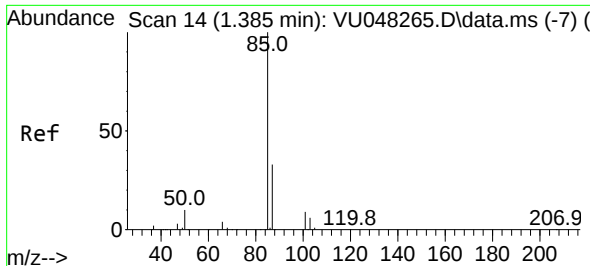
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042522\
 Data File : VU048270.D
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	209982	44.150	ug/L	100
29) Cyclohexane	5.375	56	211257	47.044	ug/L	98
30) 1,1,1-Trichloroethane	5.308	97	228918	42.592	ug/L	100
31) Carbon tetrachloride	5.514	117	192409	42.002	ug/L	100
33) Benzene	5.768	78	662766	47.099	ug/L	100
34) Trichloroethene	6.536	95	152043	44.081	ug/L	100
35) Methylcyclohexane	6.755	83	230548	47.609	ug/L	98
37) 1,2-Dichloropropane	6.790	63	178279	44.529	ug/L	100
38) Bromodichloromethane	7.112	83	219729	43.458	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	266740	47.379	ug/L	99
40) 4-Methyl-2-pentanone	7.806	43	247724	41.023	ug/L #	86
42) Toluene	7.970	91	692964	46.904	ug/L	100
44) trans-1,3-Dichloropropene	8.215	75	257545	46.827	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	186033	44.288	ug/L	98
46) Tetrachloroethene	8.552	164	129881	43.876	ug/L	99
48) 2-Hexanone	8.710	43	480788	95.345	ug/L	98
49) Dibromochloromethane	8.819	129	198828	43.075	ug/L	100
50) 1,2-Dibromoethane	8.928	107	194773	45.724	ug/L	98
51) Chlorobenzene	9.452	112	584882	54.923	ug/L	98
52) Ethylbenzene	9.575	91	763070	49.872	ug/L	99
53) m,p-Xylene	9.700	106	299805	49.654	ug/L	99
54) o-Xylene	10.105	106	302007	49.651	ug/L	100
55) Styrene	10.121	104	508875	49.109	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	348888	42.084	ug/L	99
59) Bromoform	10.301	173	162931	43.410	ug/L	100
60) 1,2,3-Trichloropropane	10.832	75	270683	44.865	ug/L	100
61) Isopropylbenzene	10.491	105	753964	52.141	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	407442	53.460	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	639013	54.534	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	383156	47.263	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	376592	45.502	ug/L	99
67) 1,2-Dichlorobenzene	12.218	146	403926	47.297	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	70365	43.689	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	305856	50.772	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	259590	54.546	ug/L	99
71) Naphthalene	14.086	128	827441	60.753	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	267584	54.863	ug/L	98

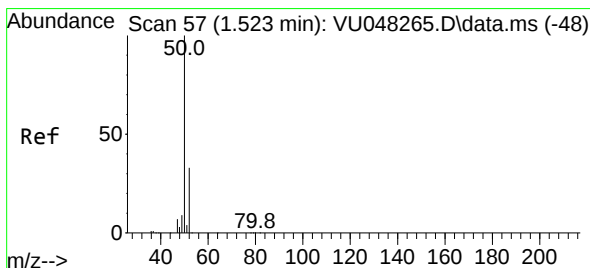
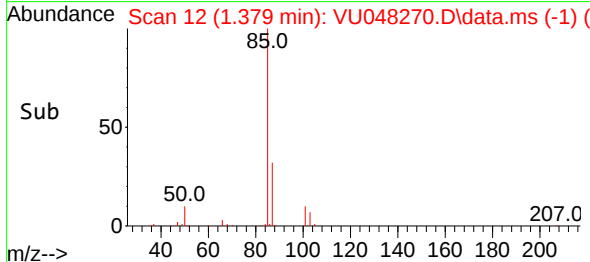
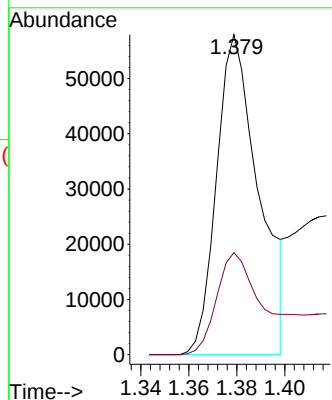
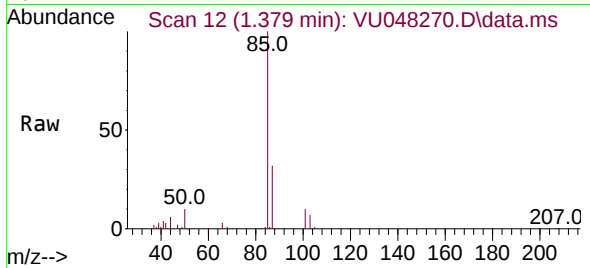
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
 Dichlorodifluoromethane
 Concen: 20.936 ug/L
 RT: 1.379 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VU048270.D
 Acq: 25 Apr 2022 15:37

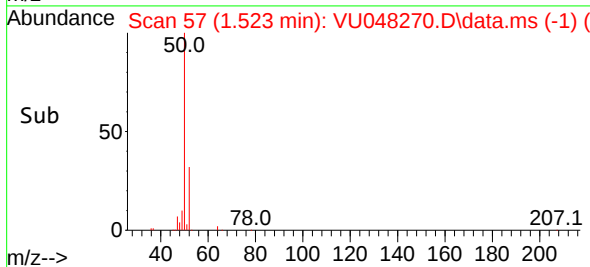
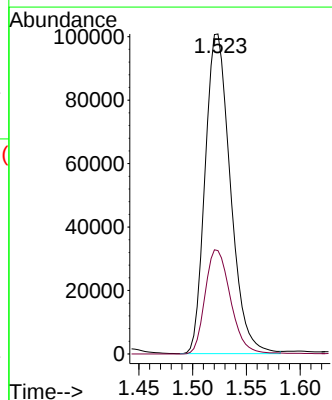
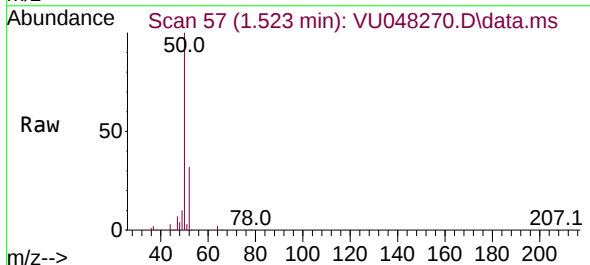
Instrument :
 MSVOA_U
 ClientSampleId :
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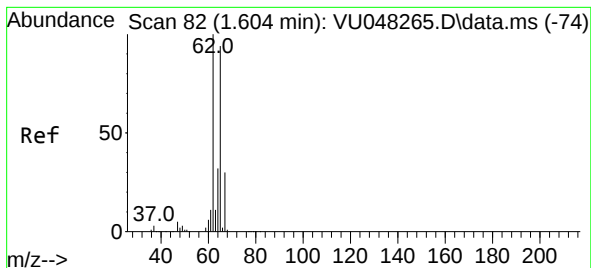
Tgt Ion: 85 Resp: 70717
 Ion Ratio Lower Upper
 85 100
 87 32.6 26.1 39.1



#3
 Chloromethane
 Concen: 42.622 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU048270.D
 Acq: 25 Apr 2022 15:37

Tgt Ion: 50 Resp: 164779
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2





#5

Vinyl chloride

Concen: 21.012 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

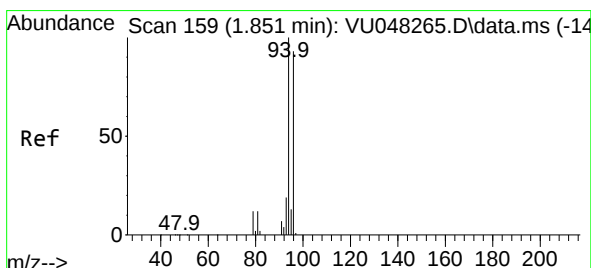
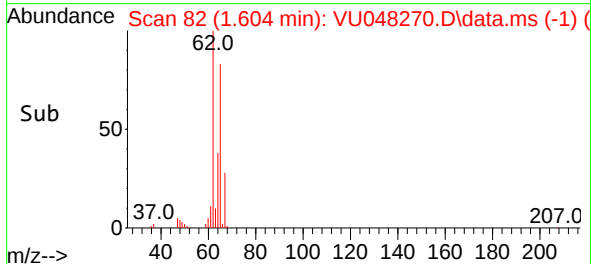
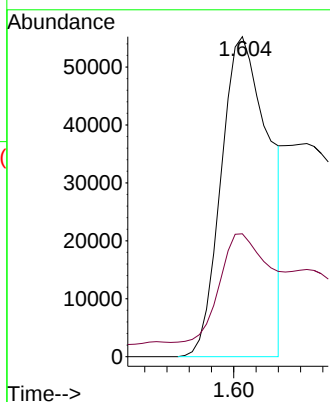
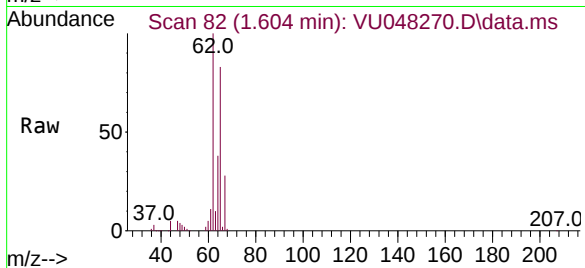
ETNS0MEMS

Tgt Ion: 62 Resp: 81861

Ion Ratio Lower Upper

62 100

64 38.4 22.5 41.7



#6

Bromomethane

Concen: 27.974 ug/L

RT: 1.826 min Scan# 151

Delta R.T. -0.026 min

Lab File: VU048270.D

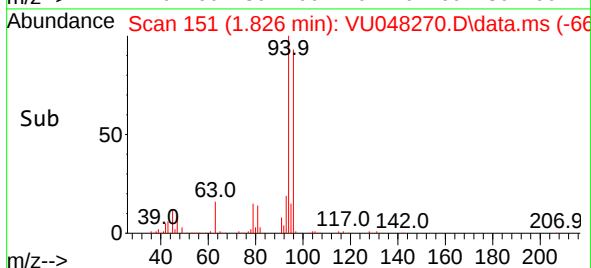
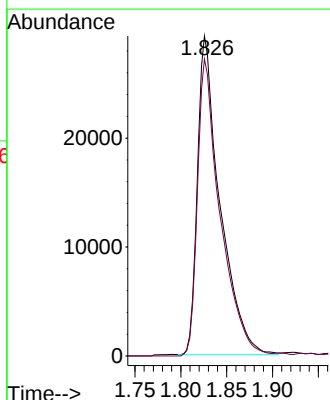
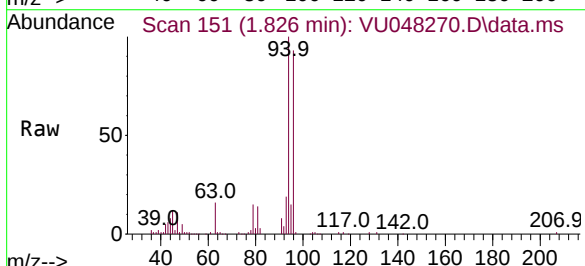
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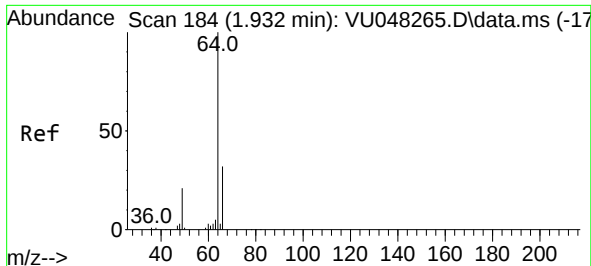
Tgt Ion: 94 Resp: 50087

Ion Ratio Lower Upper

94 100

96 92.8 65.8 122.2

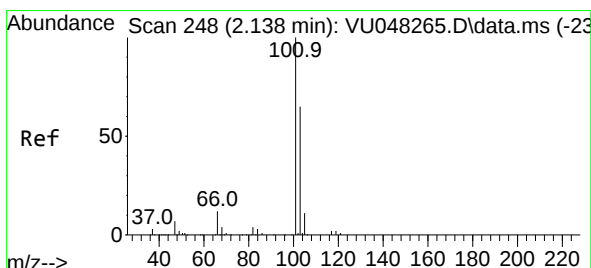
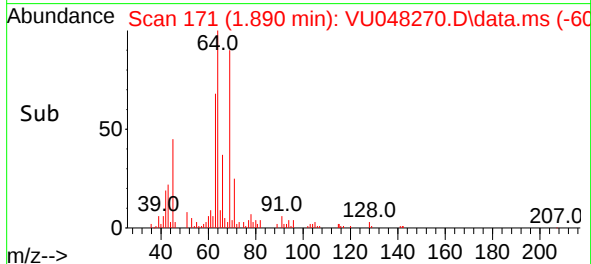
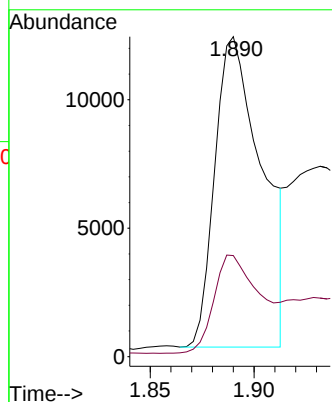
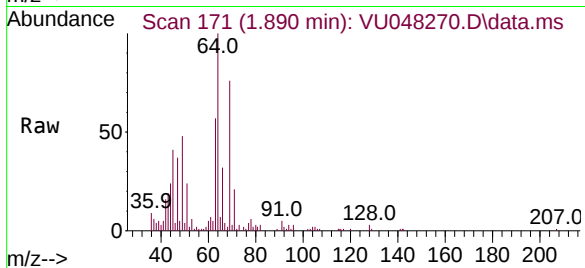




#8
Chloroethane
Concen: 8.635 ug/L
RT: 1.890 min Scan# 11
Delta R.T. -0.042 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

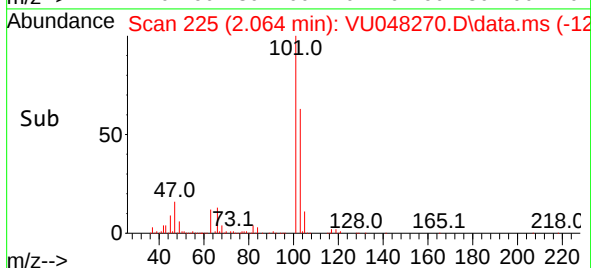
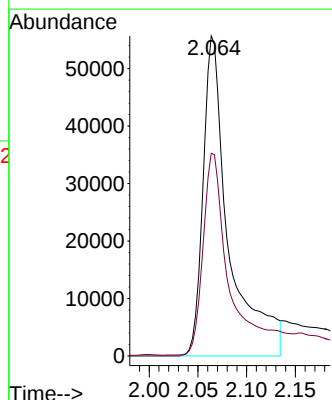
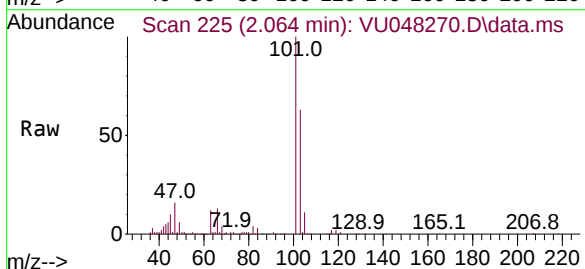
Instrument :
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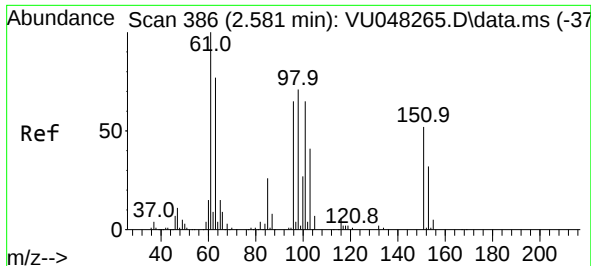
Tgt Ion: 64 Resp: 19022
Ion Ratio Lower Upper
64 100
66 31.6 21.9 40.7



#9
Trichlorofluoromethane
Concen: 20.204 ug/L
RT: 2.064 min Scan# 225
Delta R.T. -0.074 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:101 Resp: 102580
Ion Ratio Lower Upper
101 100
103 67.3 51.9 77.9

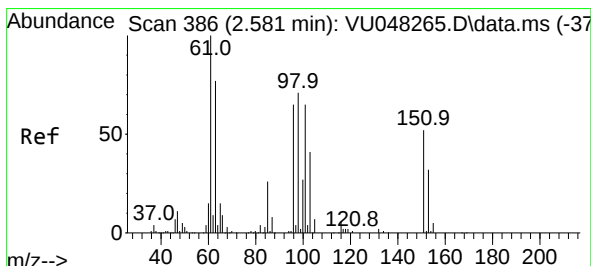
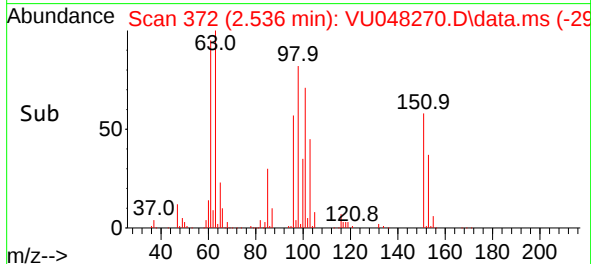
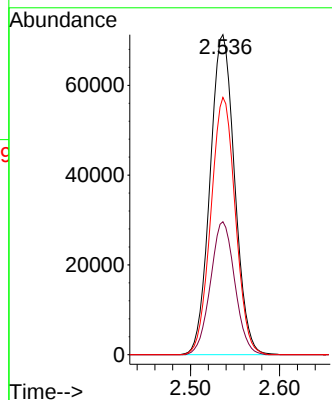
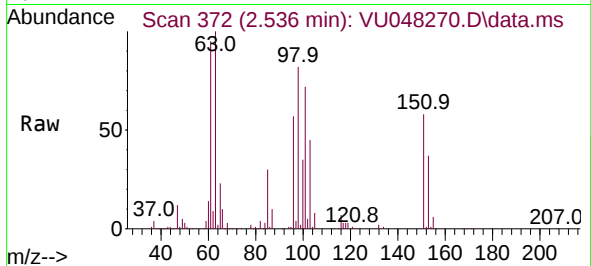




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 40.647 ug/L
RT: 2.536 min Scan# 31
Delta R.T. -0.045 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

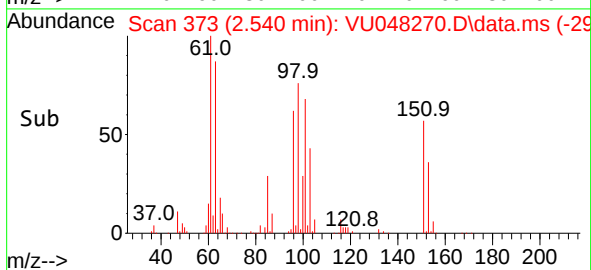
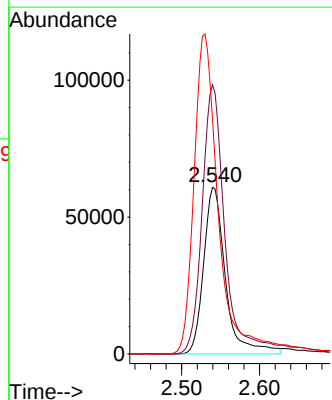
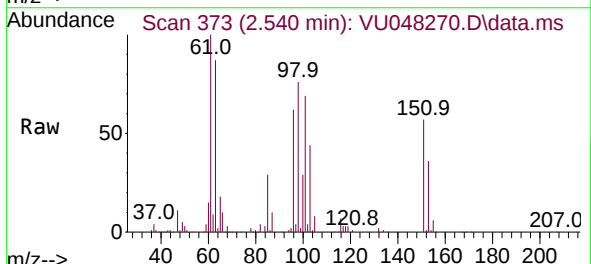
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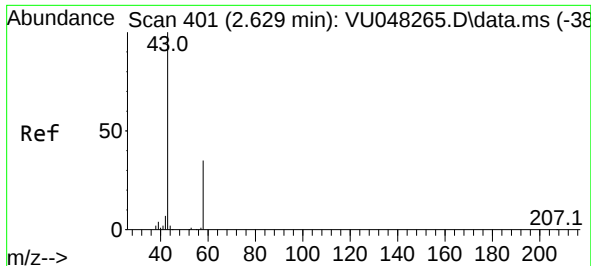
Tgt Ion:101 Resp: 136875
Ion Ratio Lower Upper
101 100
85 41.0 32.6 48.8
151 79.9 64.1 96.1



#12
1,1-Dichloroethene
Concen: 40.418 ug/L
RT: 2.540 min Scan# 373
Delta R.T. -0.042 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 96 Resp: 118803
Ion Ratio Lower Upper
96 100
61 161.5 107.9 200.3
63 140.9 80.3 149.1





#13

Acetone

Concen: 75.718 ug/L

RT: 2.649 min Scan# 407

Delta R.T. 0.019 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

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MSVOA_U

ClientSampleId :

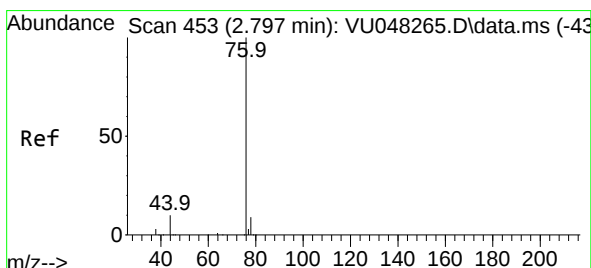
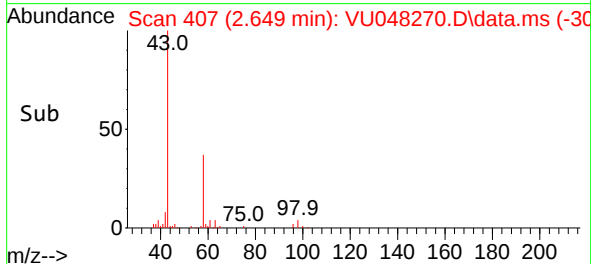
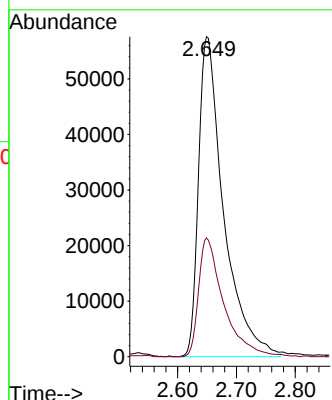
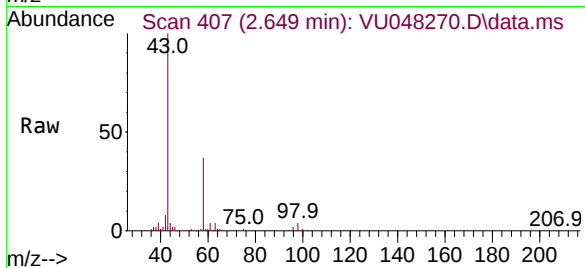
ETNS0MEMS

Tgt Ion: 43 Resp: 170424

Ion Ratio Lower Upper

43 100

58 36.8 0.0 71.2



#14

Carbon disulfide

Concen: 41.428 ug/L

RT: 2.755 min Scan# 440

Delta R.T. -0.042 min

Lab File: VU048270.D

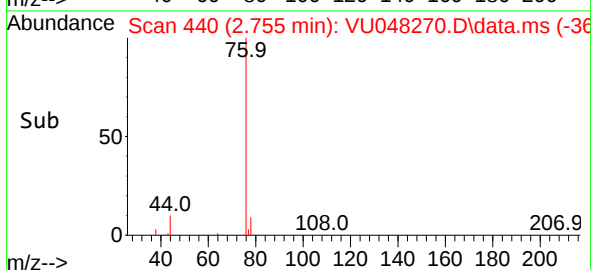
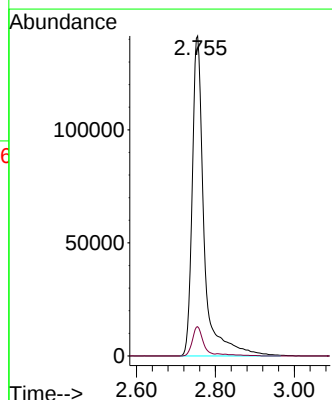
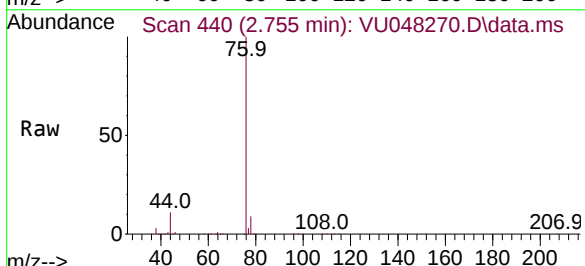
Acq: 25 Apr 2022 15:37

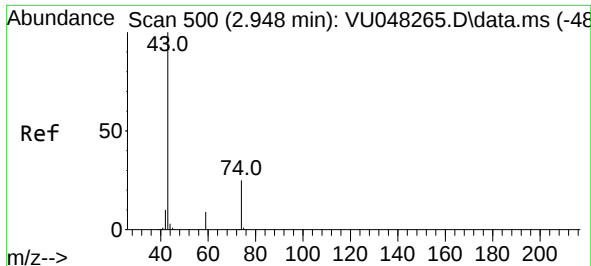
Tgt Ion: 76 Resp: 296780

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

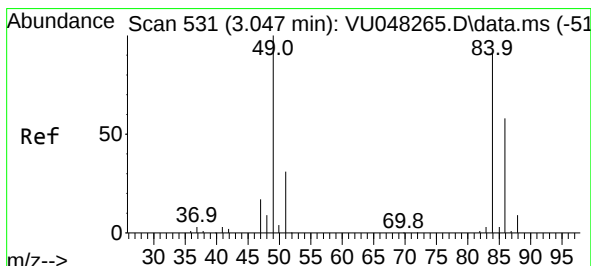
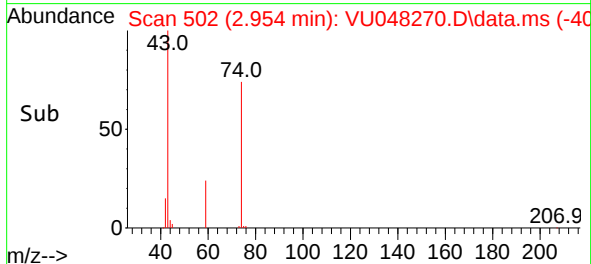
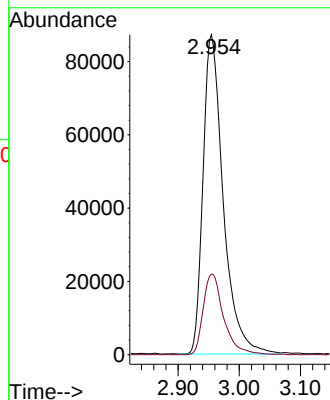
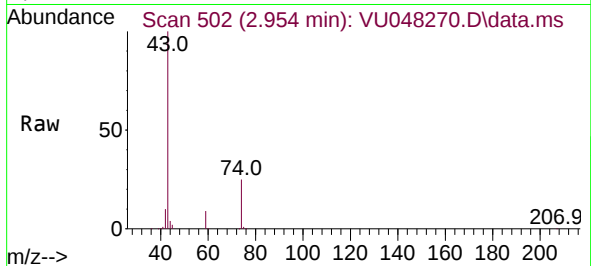




#15
Methyl Acetate
Concen: 44.776 ug/L
RT: 2.954 min Scan# 501
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

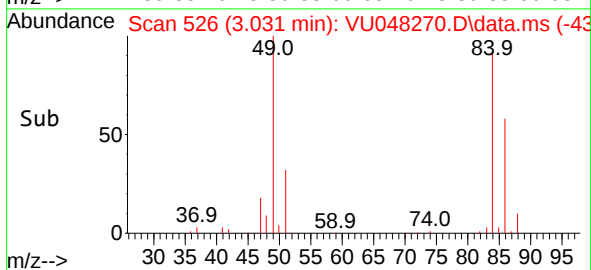
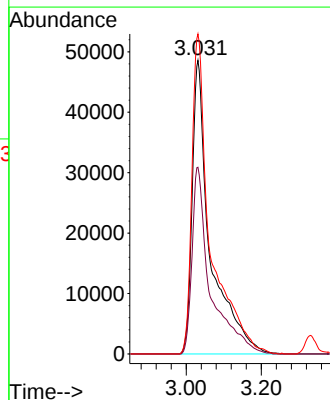
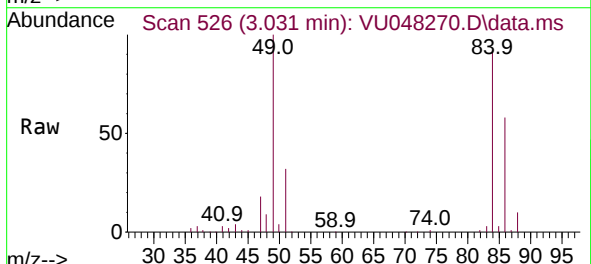
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

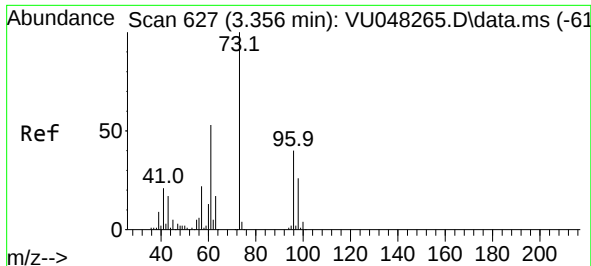
Tgt Ion: 43 Resp: 200056
Ion Ratio Lower Upper
43 100
74 25.5 21.0 31.6



#16
Methylene chloride
Concen: 43.127 ug/L
RT: 3.031 min Scan# 526
Delta R.T. -0.016 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 84 Resp: 163430
Ion Ratio Lower Upper
84 100
86 63.6 45.4 84.2
49 109.0 79.2 147.0

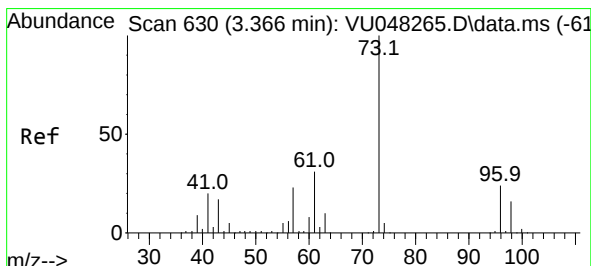
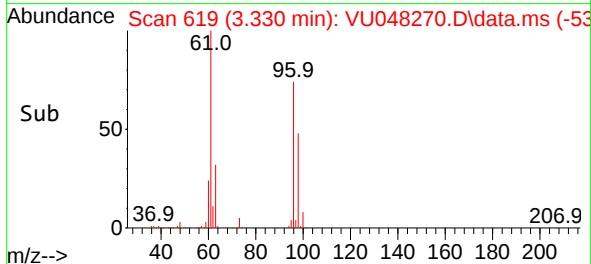
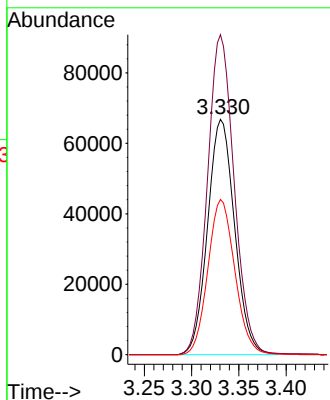
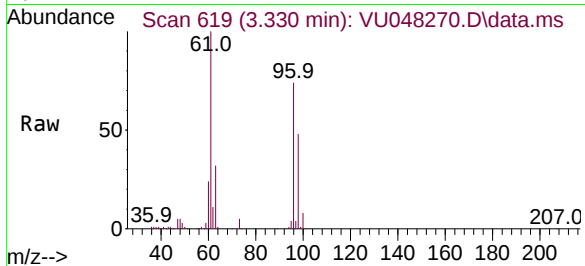




#17
trans-1,2-Dichloroethene
Concen: 43.626 ug/L
RT: 3.330 min Scan# 61
Delta R.T. -0.026 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

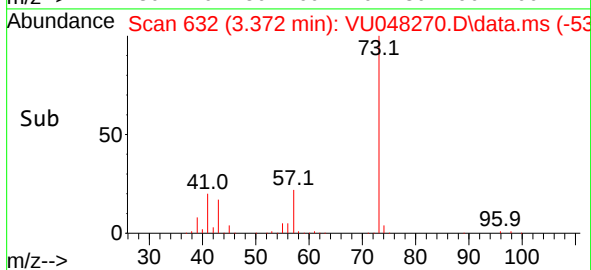
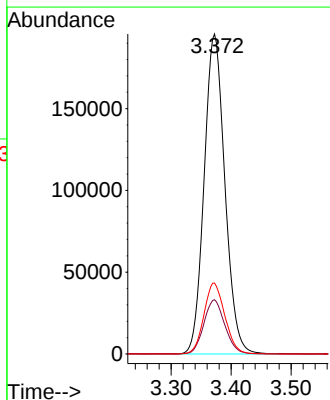
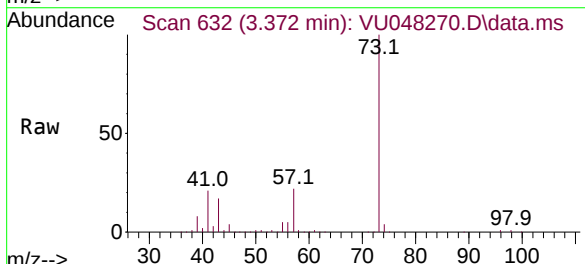
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

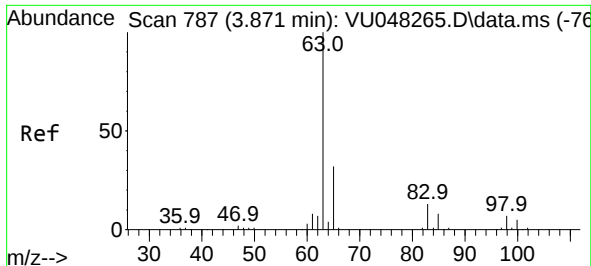
Tgt Ion: 96 Resp: 133215
Ion Ratio Lower Upper
96 100
61 135.9 95.2 176.8
98 65.9 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 46.752 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 73 Resp: 471032
Ion Ratio Lower Upper
73 100
43 17.0 13.8 20.6
57 22.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 39.967 ug/L

RT: 3.861 min Scan# 784

Delta R.T. -0.010 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMS

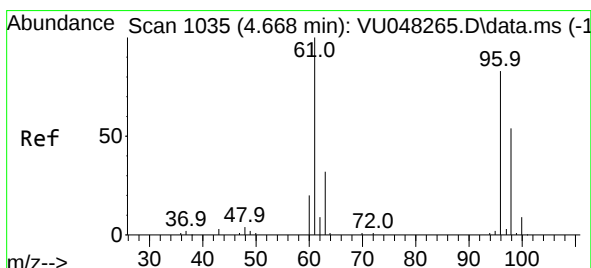
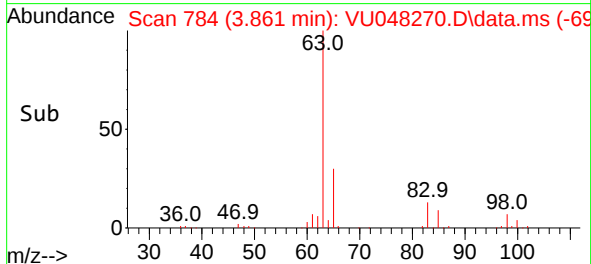
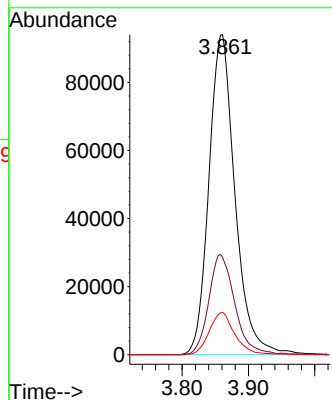
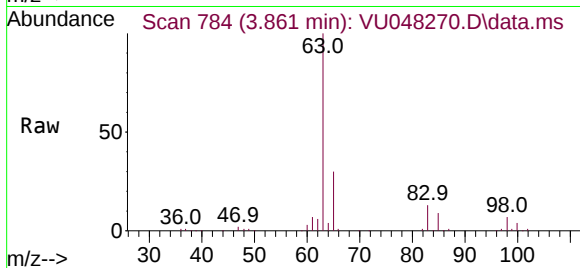
Tgt Ion: 63 Resp: 255206

Ion Ratio Lower Upper

63 100

65 30.3 22.0 40.8

83 13.2 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 45.331 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.010 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

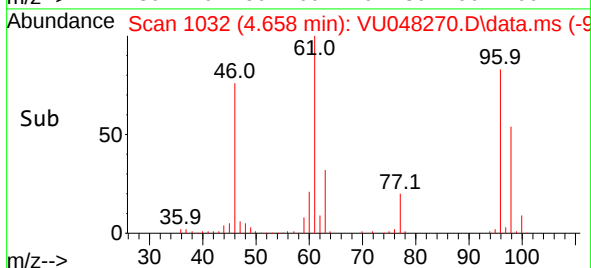
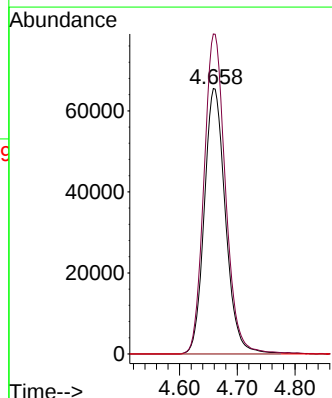
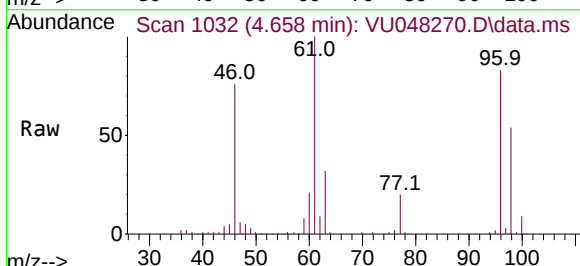
Tgt Ion: 96 Resp: 166853

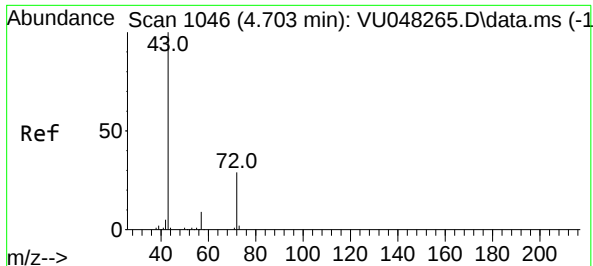
Ion Ratio Lower Upper

96 100

61 120.6 87.0 161.6

68 0.0 0.0 0.0

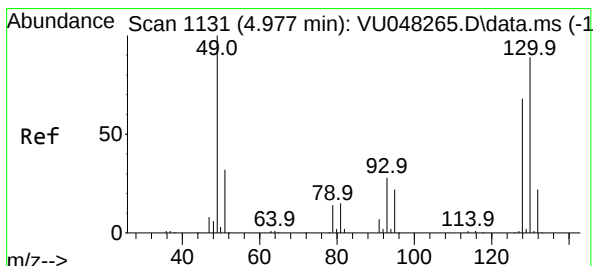
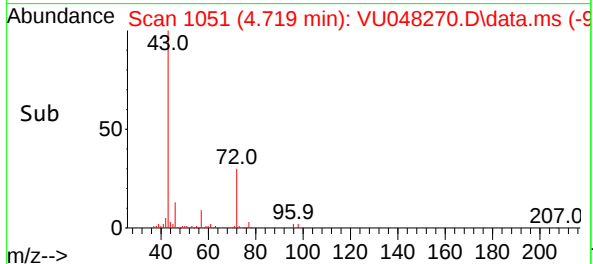
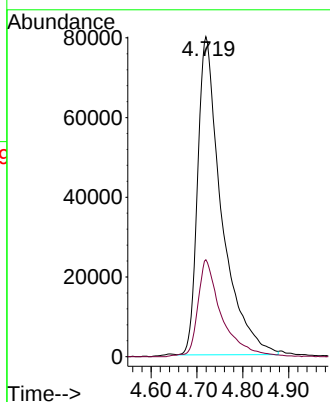
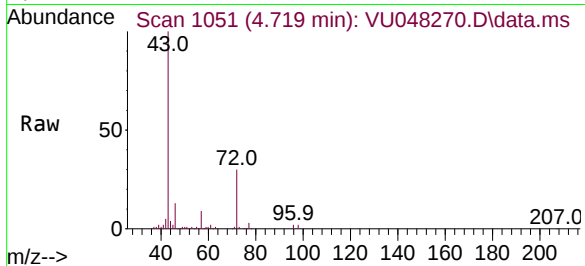




#22
2-Butanone
Concen: 86.971 ug/L
RT: 4.719 min Scan# 1051
Delta R.T. 0.016 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

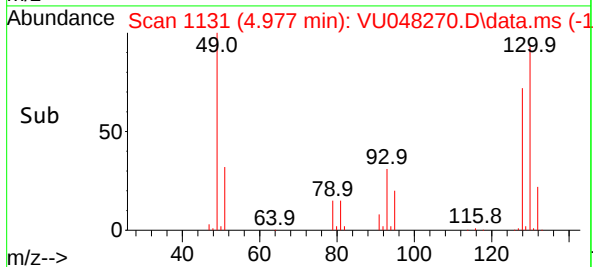
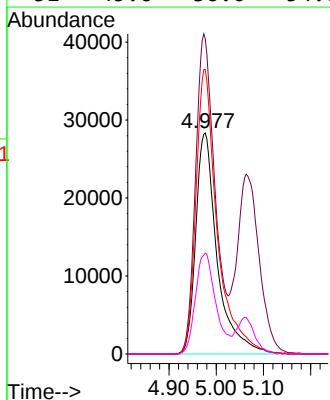
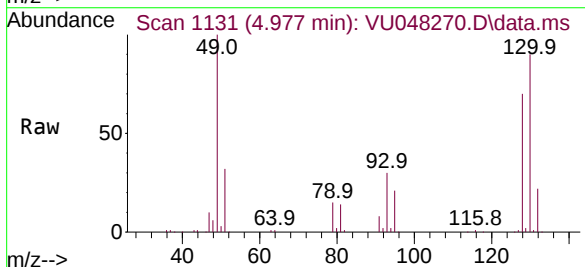
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

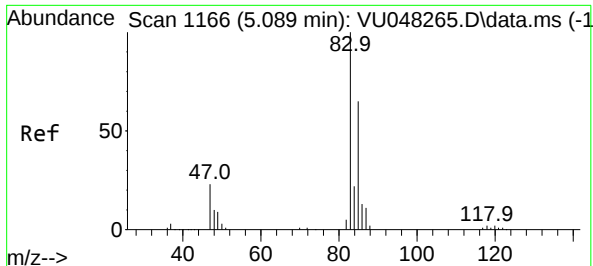
Tgt Ion: 43 Resp: 289463
Ion Ratio Lower Upper
43 100
72 30.3 14.6 43.8



#23
Bromochloromethane
Concen: 43.446 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 128 Resp: 89280
Ion Ratio Lower Upper
128 100
49 142.7 101.3 188.1
130 128.7 89.0 165.2
51 45.6 36.0 54.0





#25

Chloroform

Concen: 43.903 ug/L

RT: 5.086 min Scan# 1166

Delta R.T. -0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

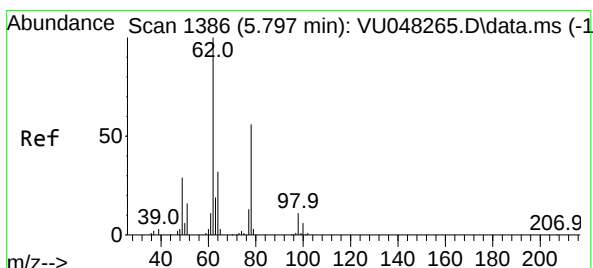
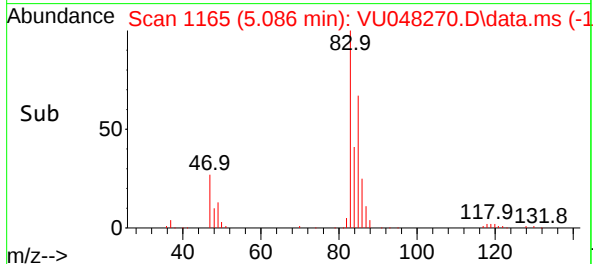
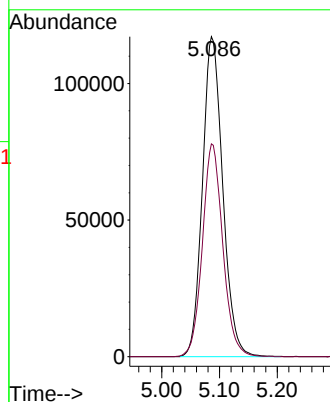
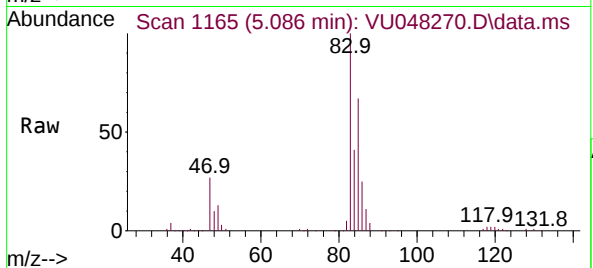
ETNS0MEMS

Tgt Ion: 83 Resp: 286265

Ion Ratio Lower Upper

83 100

85 66.5 45.7 84.9



#27

1,2-Dichloroethane

Concen: 44.150 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048270.D

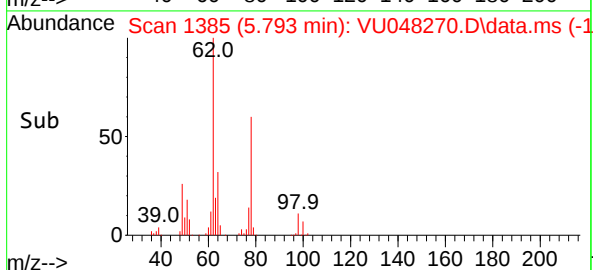
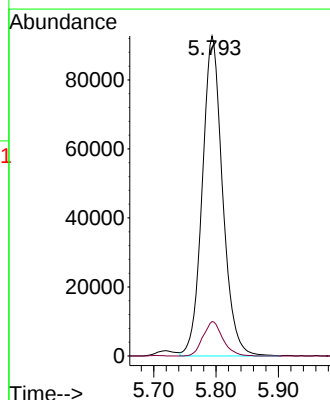
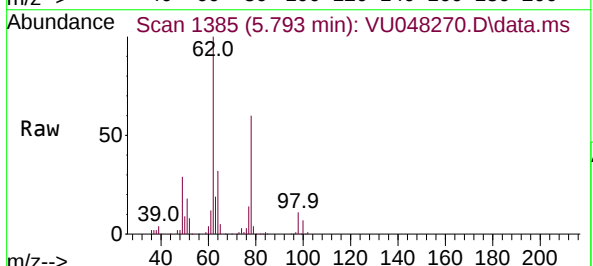
Acq: 25 Apr 2022 15:37

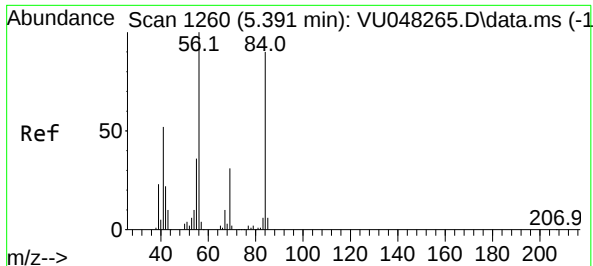
Tgt Ion: 62 Resp: 209982

Ion Ratio Lower Upper

62 100

98 10.8 8.5 12.7





#29

Cyclohexane

Concen: 47.044 ug/L

RT: 5.375 min Scan# 11

Delta R.T. -0.016 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMS

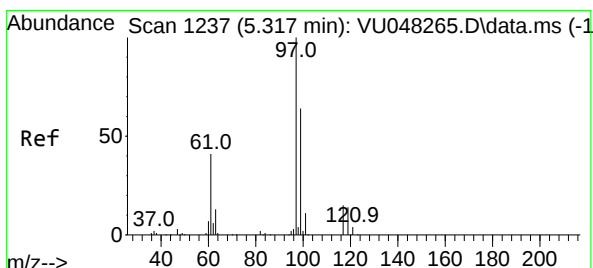
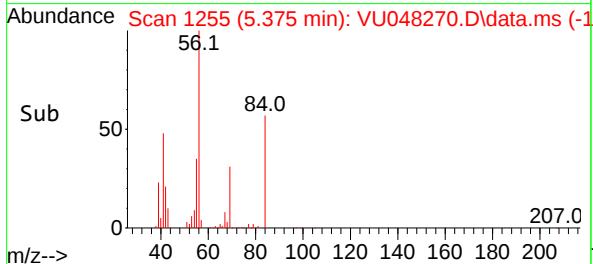
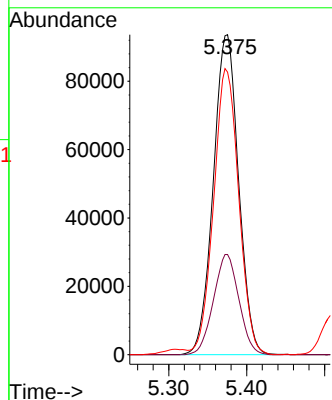
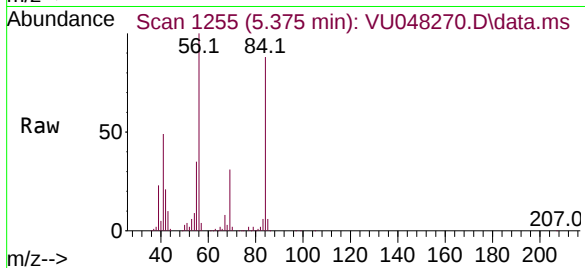
Tgt Ion: 56 Resp: 211257

Ion Ratio Lower Upper

56 100

69 31.4 24.2 36.4

84 88.9 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 42.592 ug/L

RT: 5.308 min Scan# 1234

Delta R.T. -0.010 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

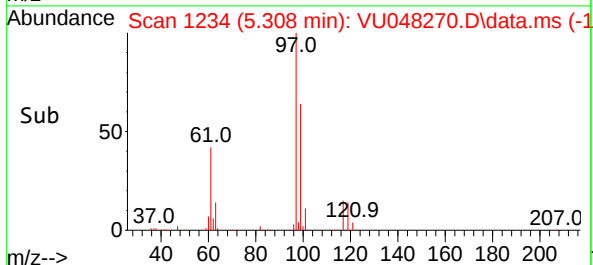
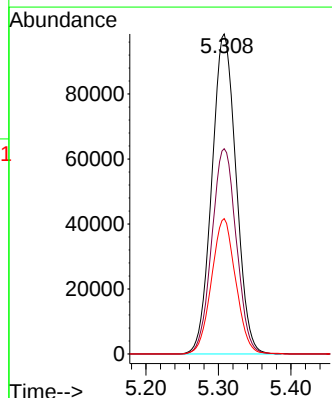
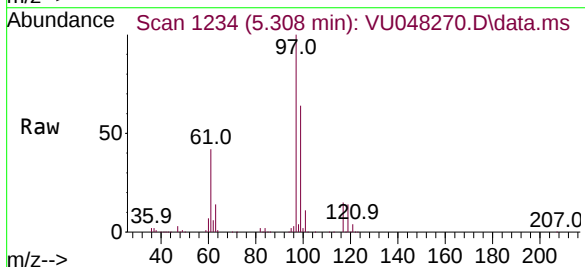
Tgt Ion: 97 Resp: 228918

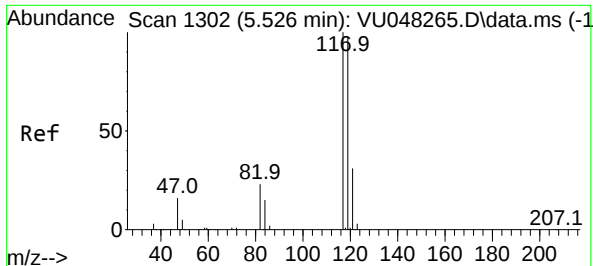
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.8

61 42.2 33.9 50.9

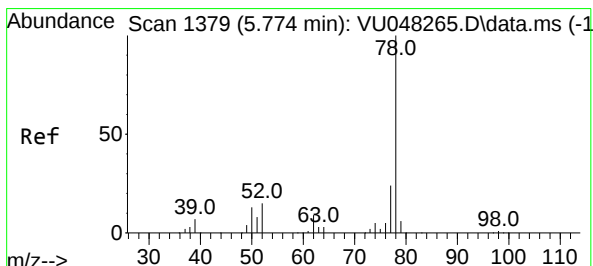
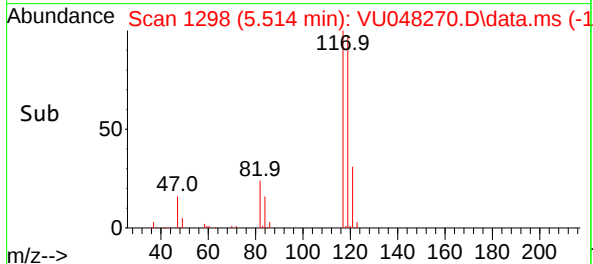
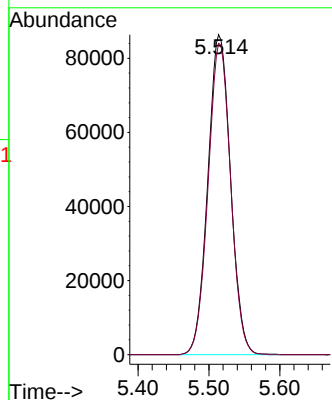
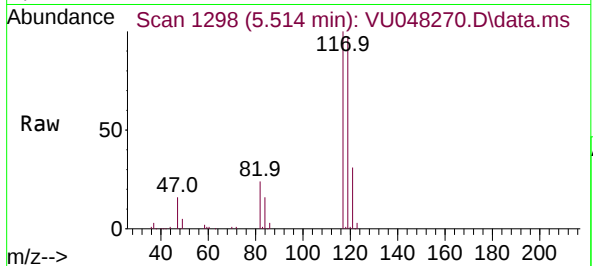




#31
Carbon tetrachloride
Concen: 42.002 ug/L
RT: 5.514 min Scan# 117
Delta R.T. -0.013 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

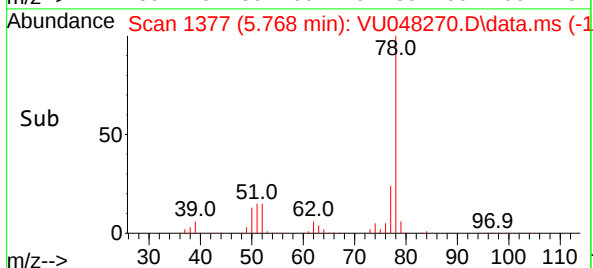
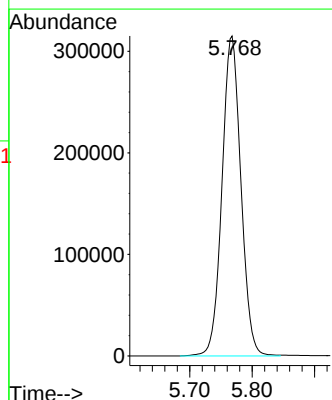
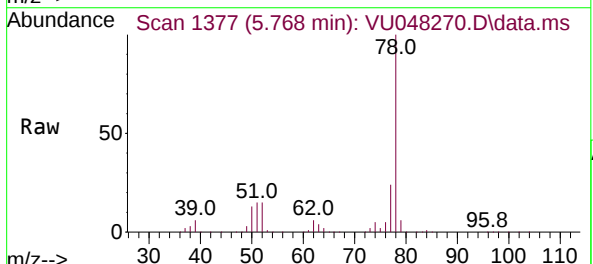
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

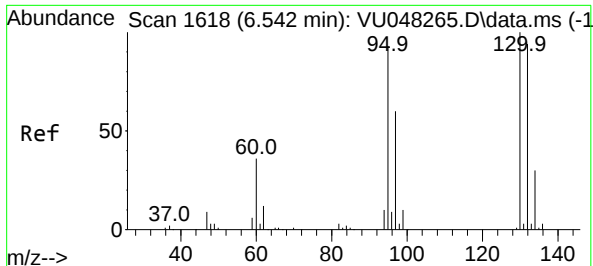
Tgt Ion:117 Resp: 192409
Ion Ratio Lower Upper
117 100
119 96.6 77.1 115.7



#33
Benzene
Concen: 47.099 ug/L
RT: 5.768 min Scan# 1377
Delta R.T. -0.006 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 78 Resp: 662766





#34

Trichloroethene

Concen: 44.081 ug/L

RT: 6.536 min Scan# 1

Delta R.T. -0.006 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMS

Tgt Ion: 95 Resp: 152043

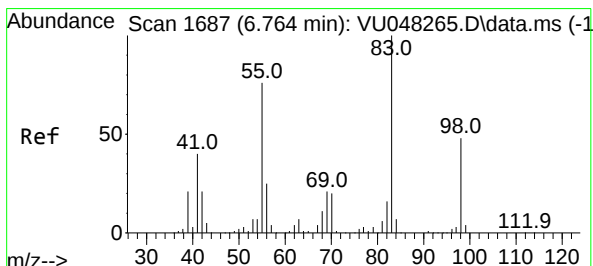
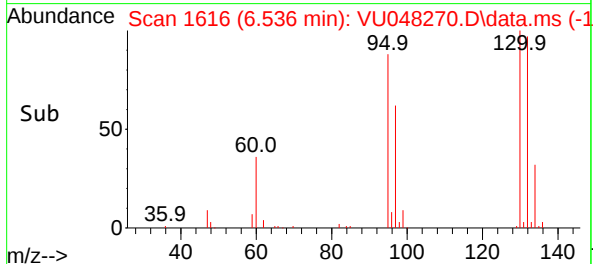
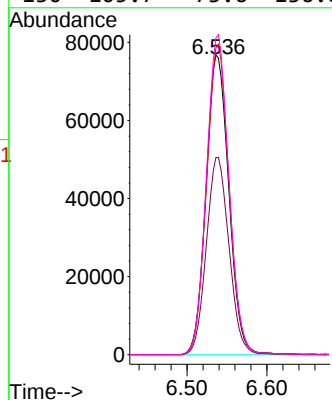
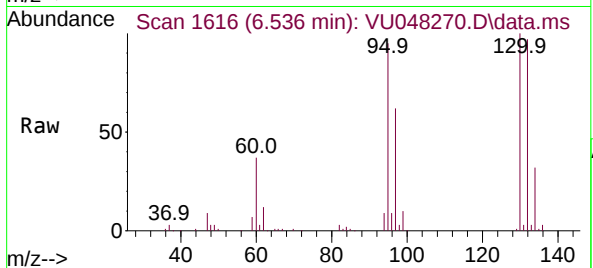
Ion Ratio Lower Upper

95 100

97 65.8 45.8 85.2

132 102.3 71.6 133.0

130 105.7 73.6 136.8



#35

Methylcyclohexane

Concen: 47.609 ug/L

RT: 6.755 min Scan# 1684

Delta R.T. -0.010 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

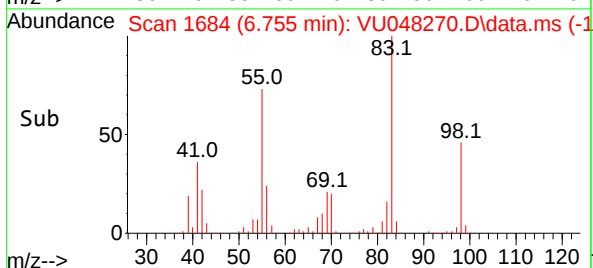
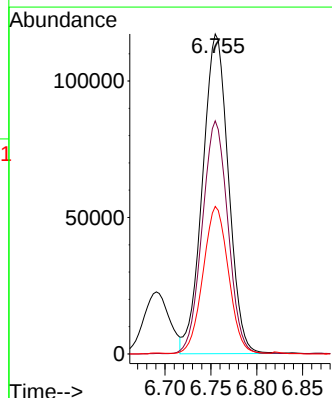
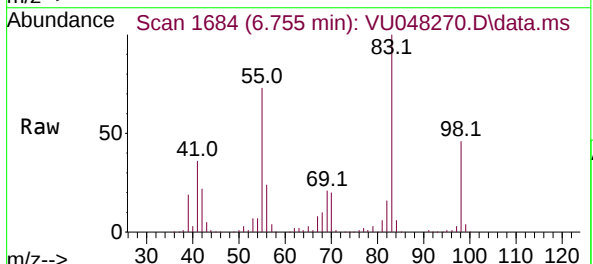
Tgt Ion: 83 Resp: 230548

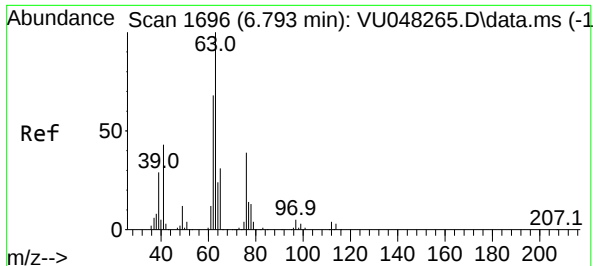
Ion Ratio Lower Upper

83 100

55 72.2 59.4 89.2

98 45.3 37.3 55.9





#37

1,2-Dichloropropane

Concen: 44.529 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

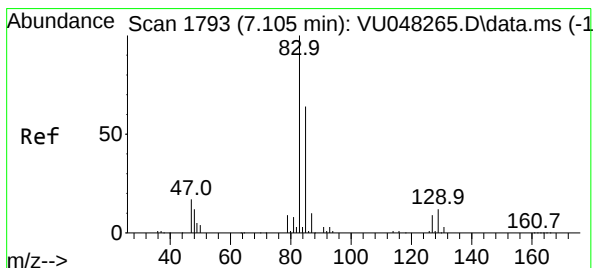
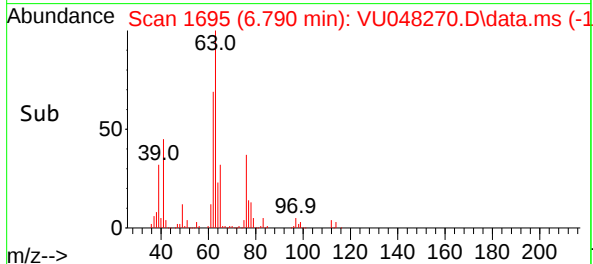
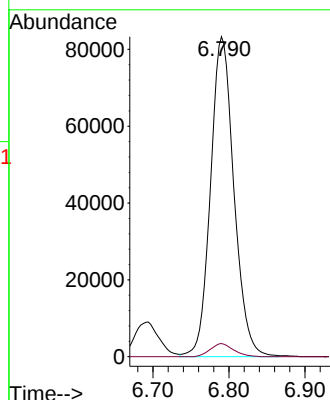
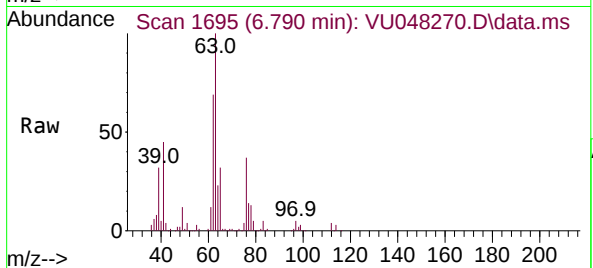
ETNS0MEMS

Tgt Ion: 63 Resp: 178279

Ion Ratio Lower Upper

63 100

112 4.1 3.1 4.7



#38

Bromodichloromethane

Concen: 43.458 ug/L

RT: 7.112 min Scan# 1795

Delta R.T. 0.007 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

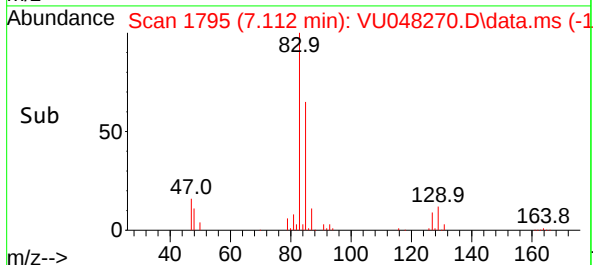
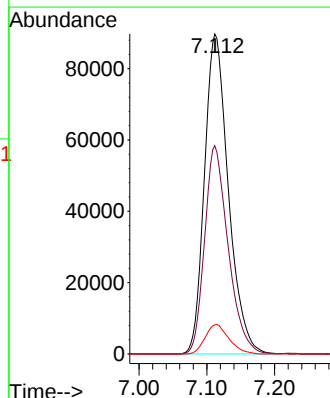
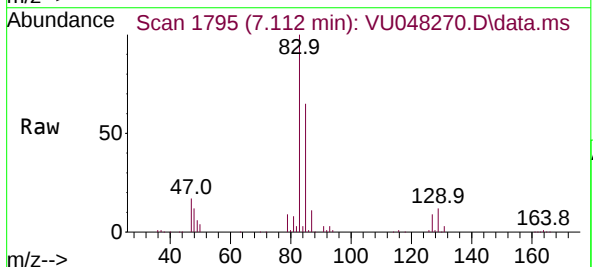
Tgt Ion: 83 Resp: 219729

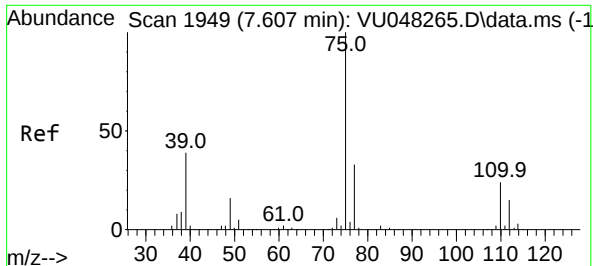
Ion Ratio Lower Upper

83 100

85 65.1 45.3 84.1

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 47.379 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

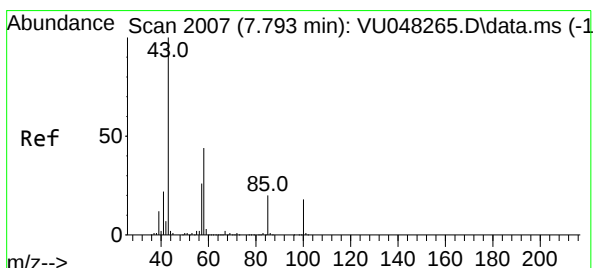
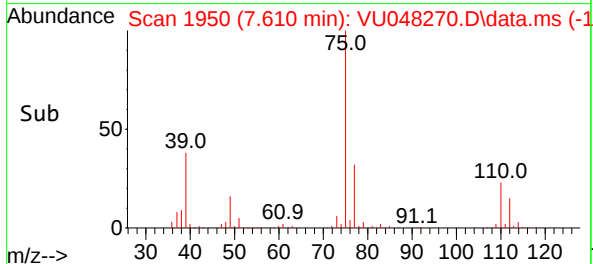
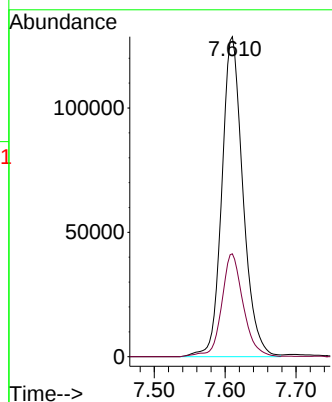
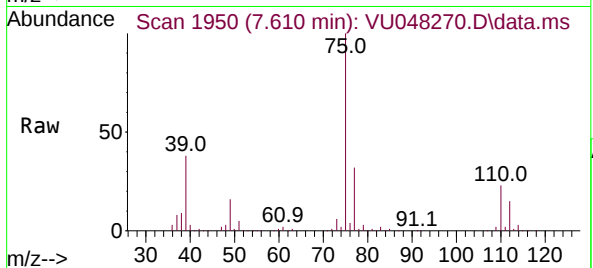
ETNS0MEMS

Tgt Ion: 75 Resp: 266740

Ion Ratio Lower Upper

75 100

77 32.1 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 41.023 ug/L

RT: 7.806 min Scan# 2011

Delta R.T. 0.013 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

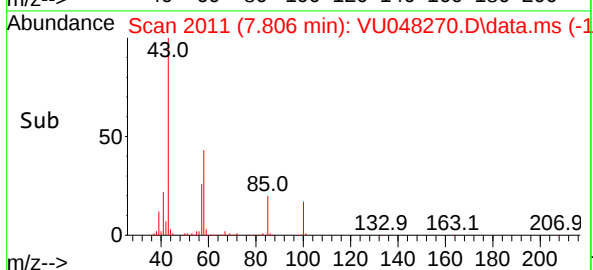
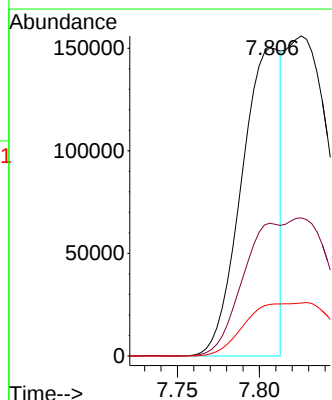
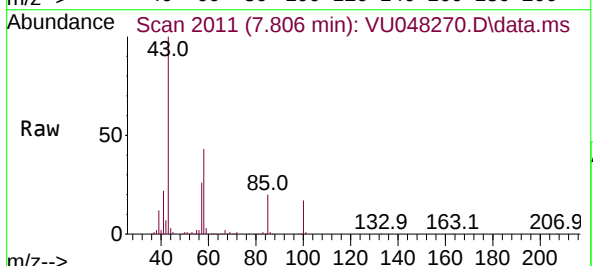
Tgt Ion: 43 Resp: 247724

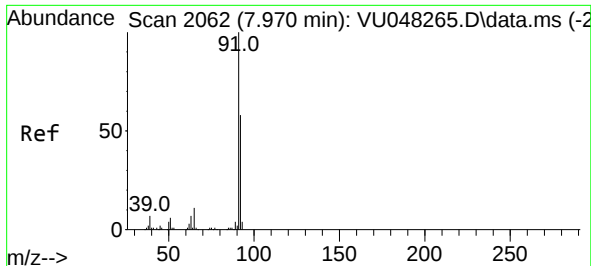
Ion Ratio Lower Upper

43 100

58 42.6 34.4 51.6

100 37.6 13.6 20.4





#42

Toluene

Concen: 46.904 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

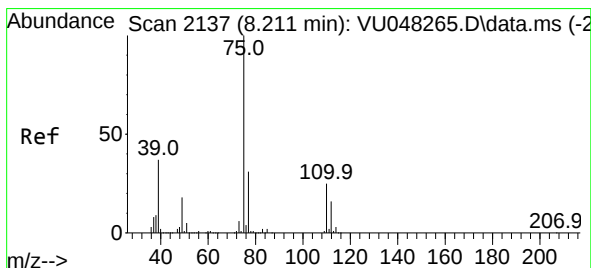
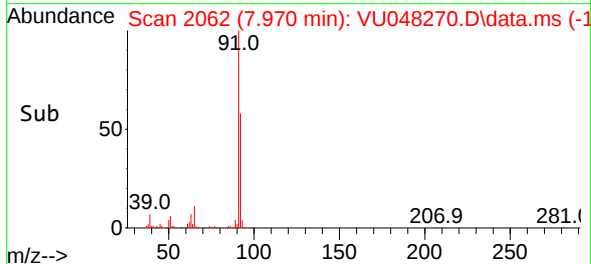
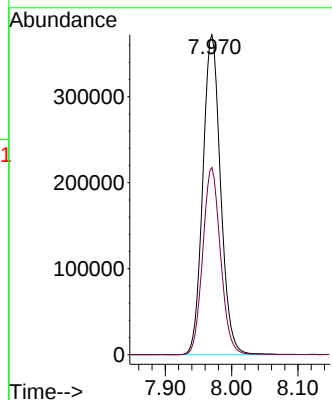
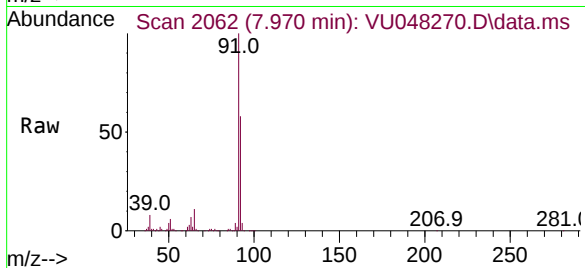
ETNS0MEMS

Tgt Ion: 91 Resp: 692964

Ion Ratio Lower Upper

91 100

92 58.4 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 46.827 ug/L

RT: 8.215 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU048270.D

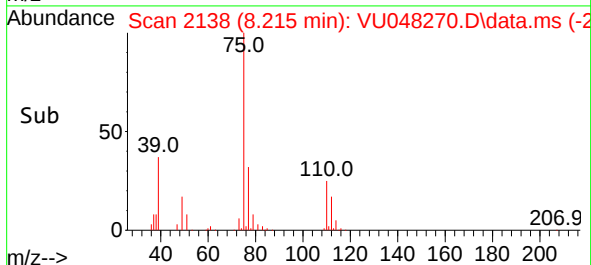
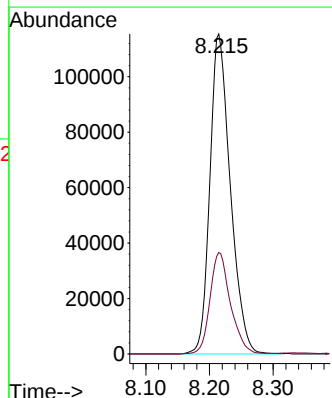
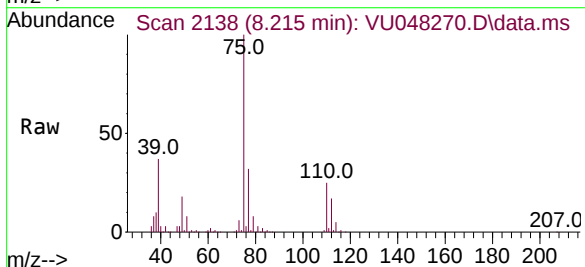
Acq: 25 Apr 2022 15:37

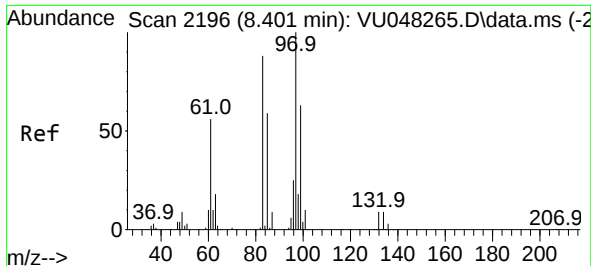
Tgt Ion: 75 Resp: 257545

Ion Ratio Lower Upper

75 100

77 31.7 22.1 41.1

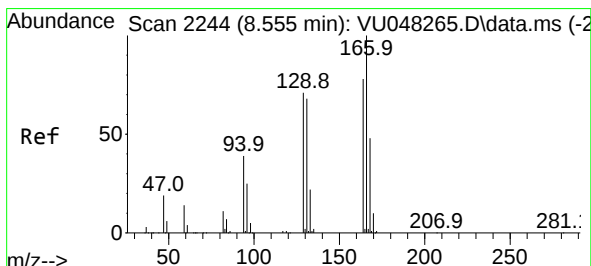
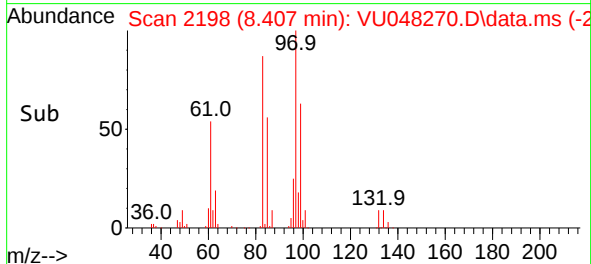
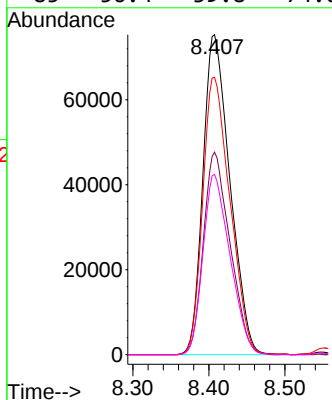
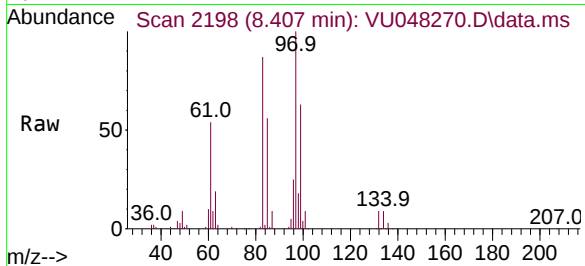




#45
1,1,2-Trichloroethane
Concen: 44.288 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

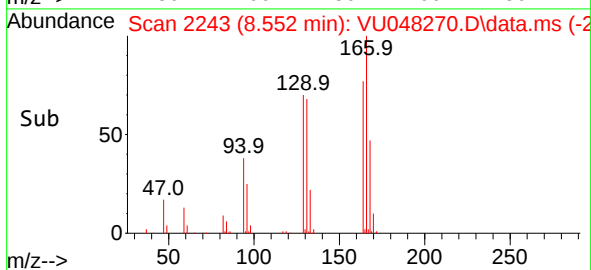
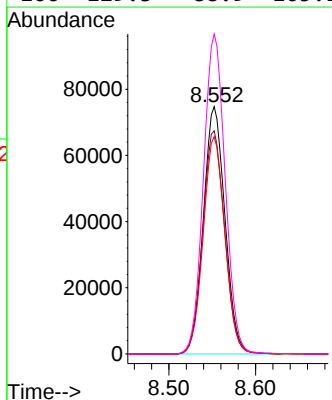
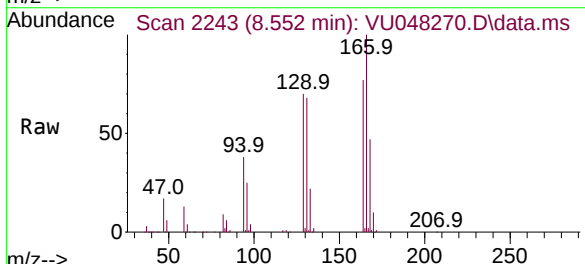
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

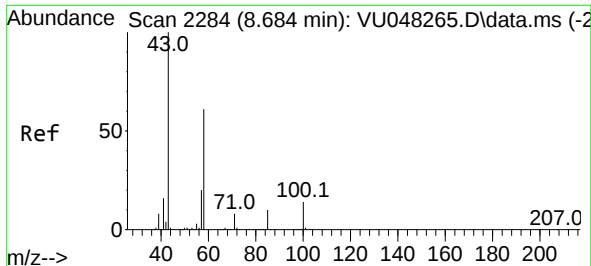
Tgt Ion:	97	Resp:	186033
Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.7	81.1
83	86.7	62.6	116.2
85	56.4	39.8	74.0



#46
Tetrachloroethene
Concen: 43.876 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:	164	Resp:	129881
Ion	Ratio	Lower	Upper
164	100		
129	90.2	63.3	117.7
131	87.8	61.2	113.6
166	129.3	88.9	165.1

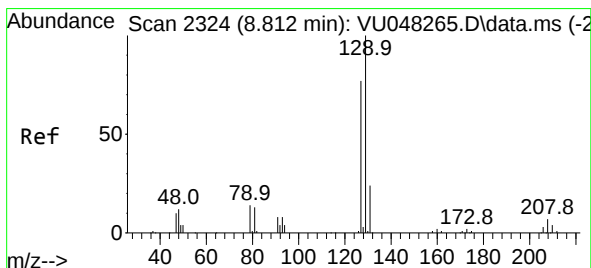
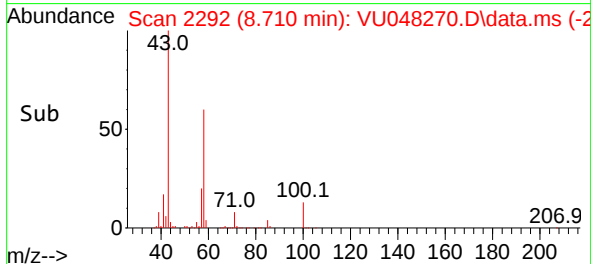
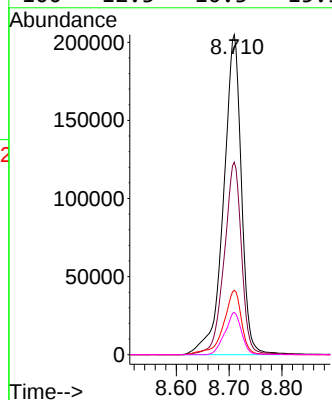
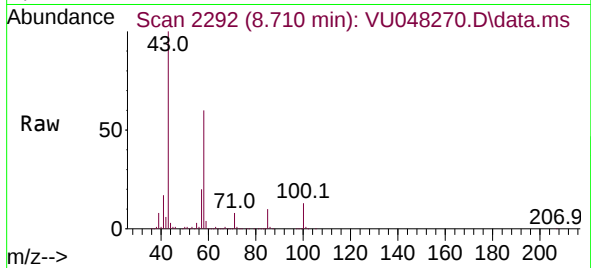




#48
2-Hexanone
Concen: 95.345 ug/L
RT: 8.710 min Scan# 21
Delta R.T. 0.026 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

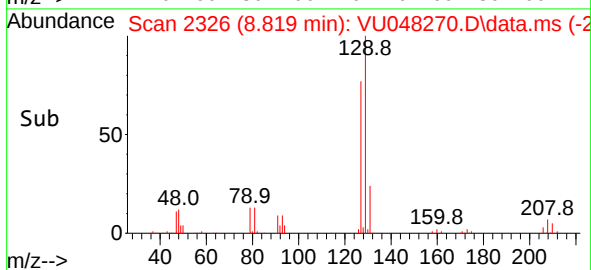
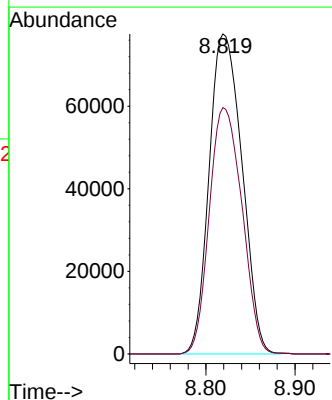
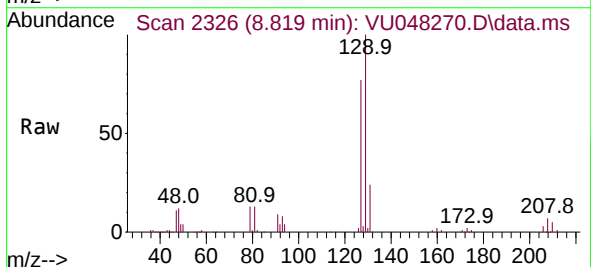
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

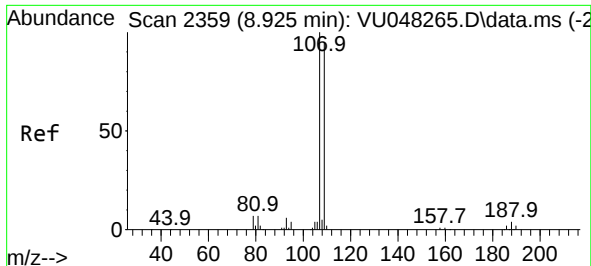
Tgt Ion: 43 Resp: 480788
Ion Ratio Lower Upper
43 100
58 58.1 48.1 72.1
57 20.4 16.2 24.4
100 12.3 10.3 15.5



#49
Dibromochloromethane
Concen: 43.075 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 129 Resp: 198828
Ion Ratio Lower Upper
129 100
127 77.0 53.8 99.8





#50

1,2-Dibromoethane

Concen: 45.724 ug/L

RT: 8.928 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

ETNS0MEMS

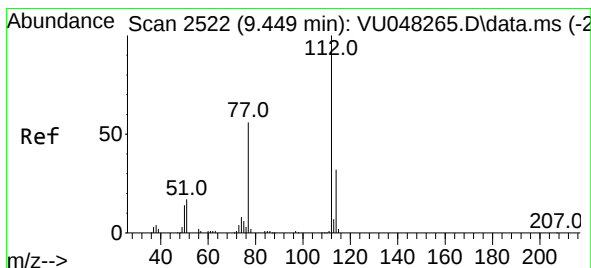
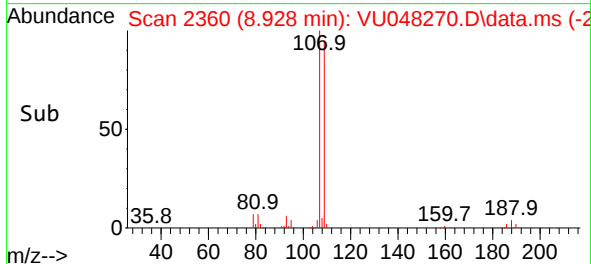
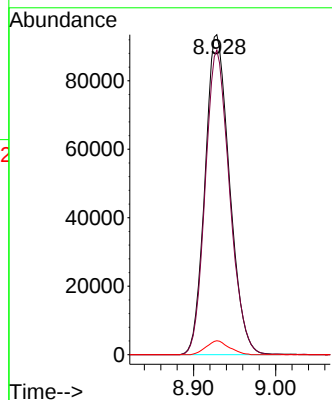
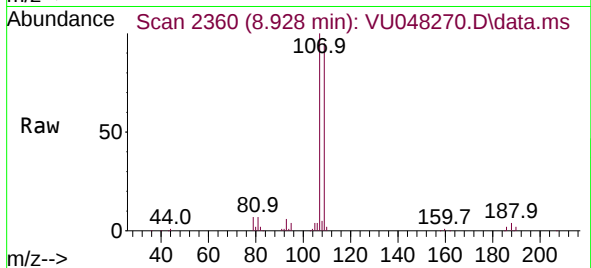
Tgt Ion:107 Resp: 194773

Ion Ratio Lower Upper

107 100

109 95.2 65.0 120.8

188 4.4 3.1 4.7



#51

Chlorobenzene

Concen: 54.923 ug/L

RT: 9.452 min Scan# 2523

Delta R.T. 0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

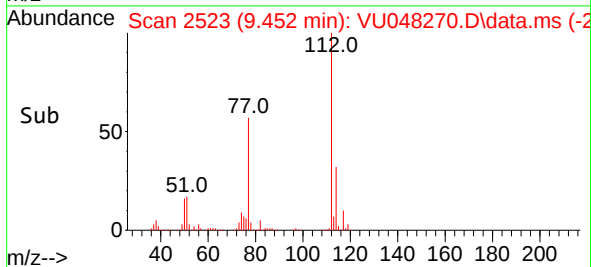
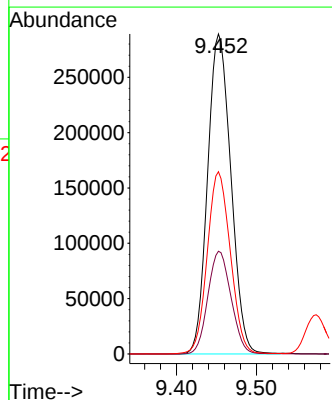
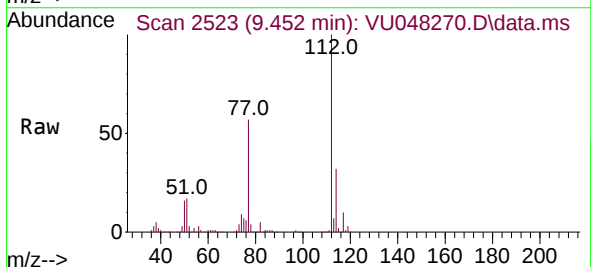
Tgt Ion:112 Resp: 584882

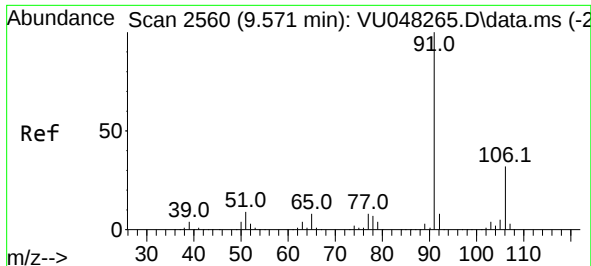
Ion Ratio Lower Upper

112 100

114 32.1 22.7 42.1

77 57.0 44.3 66.5

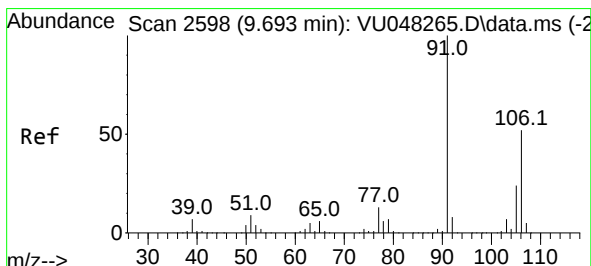
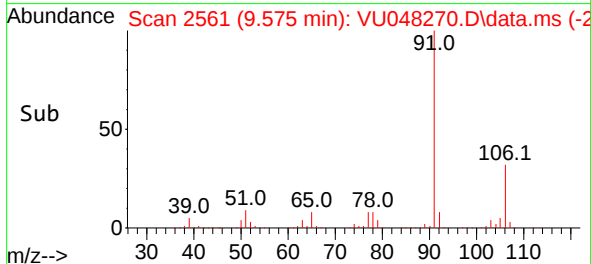
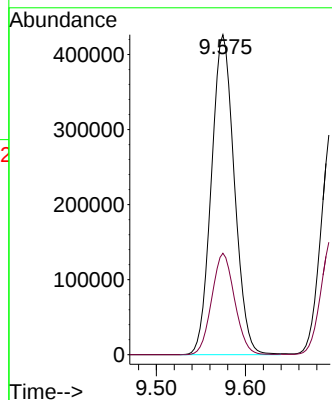
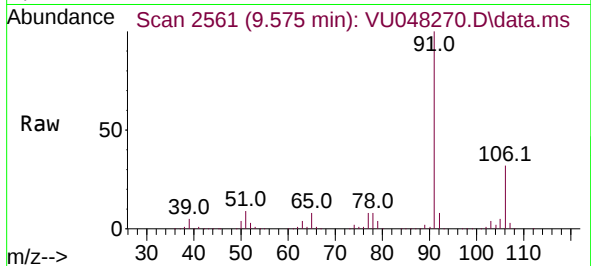




#52
Ethylbenzene
Concen: 49.872 ug/L
RT: 9.575 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

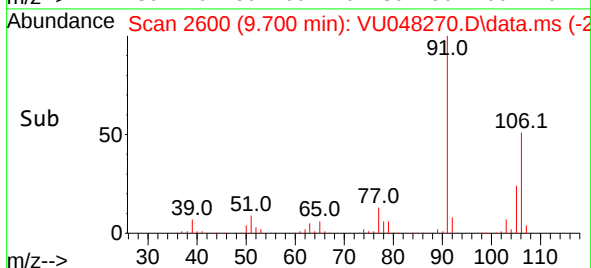
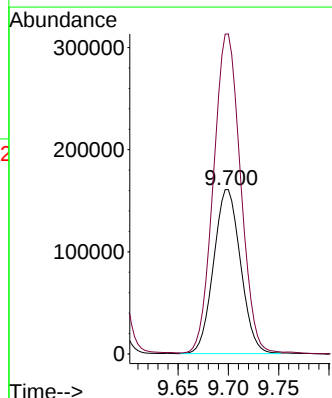
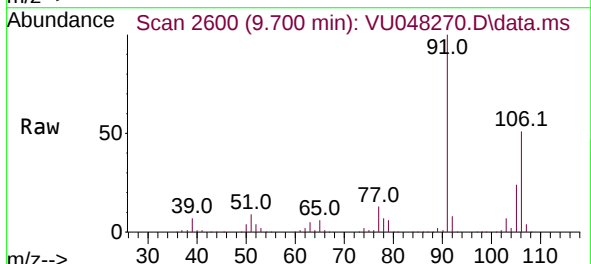
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

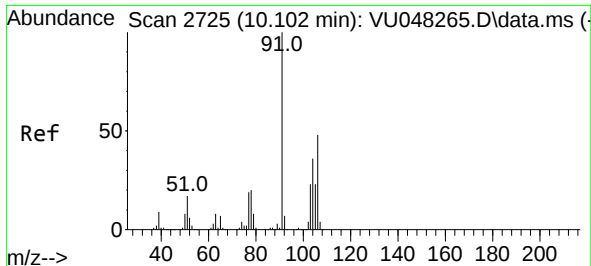
Tgt Ion: 91 Resp: 763070
Ion Ratio Lower Upper
91 100
106 31.7 22.5 41.9



#53
m,p-Xylene
Concen: 49.654 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:106 Resp: 299805
Ion Ratio Lower Upper
106 100
91 194.7 137.4 255.2

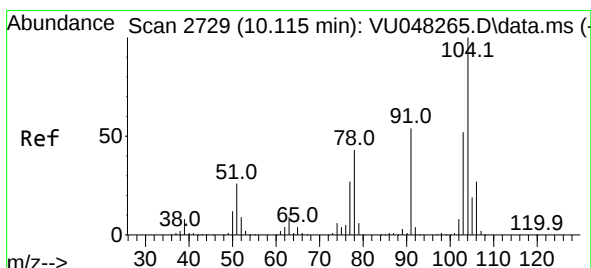
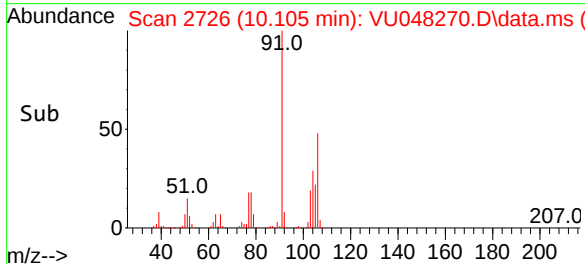
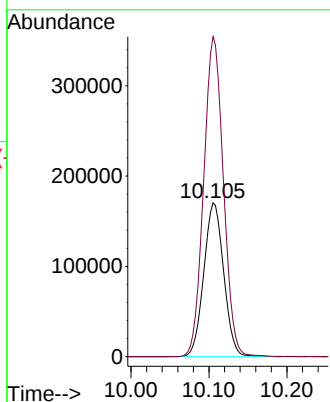
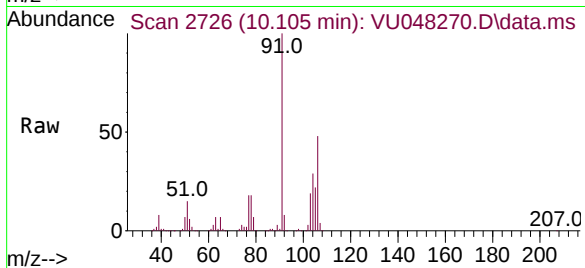




#54
o-Xylene
Concen: 49.651 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

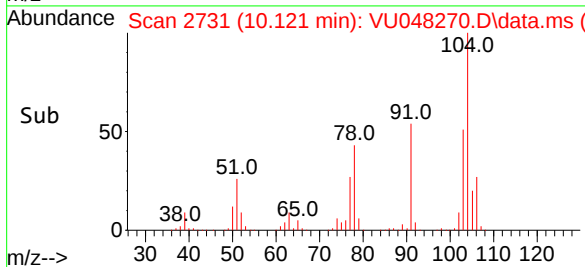
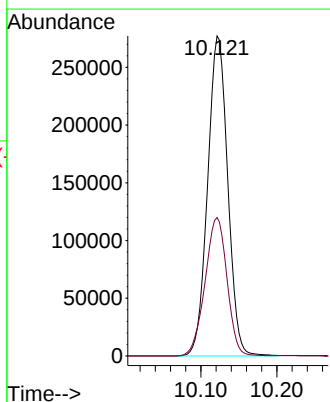
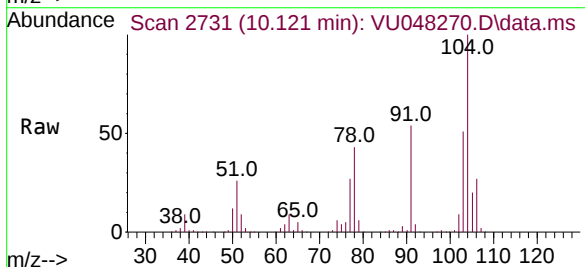
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

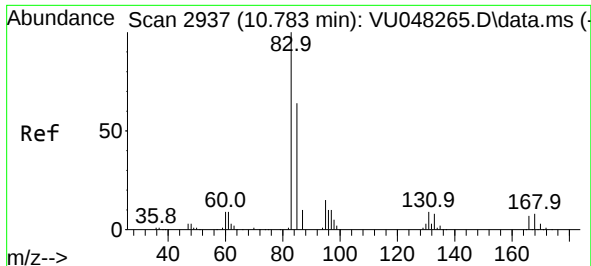
Tgt Ion:106 Resp: 302007
Ion Ratio Lower Upper
106 100
91 207.8 145.3 269.8



#55
Styrene
Concen: 49.109 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:104 Resp: 508875
Ion Ratio Lower Upper
104 100
78 43.3 30.3 56.3

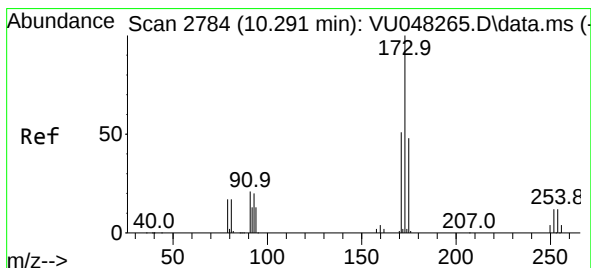
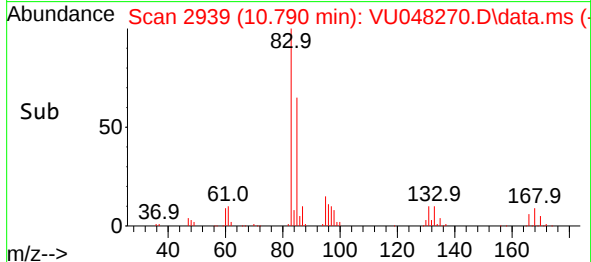
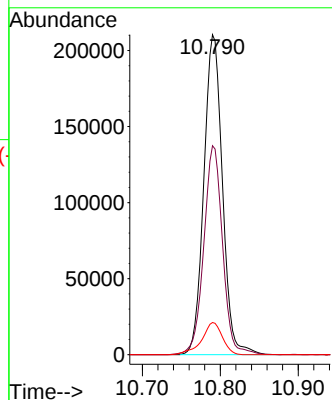
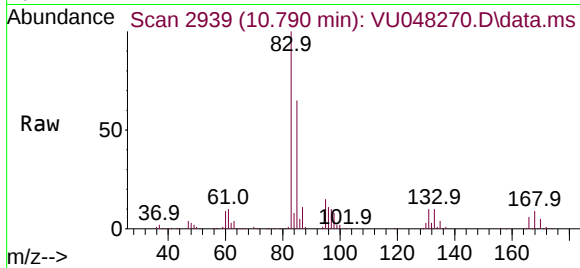




#57
1,1,2,2-Tetrachloroethane
Concen: 42.084 ug/L
RT: 10.790 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

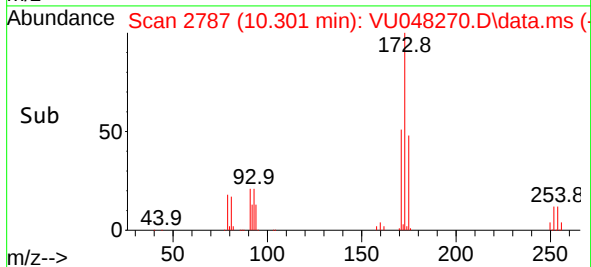
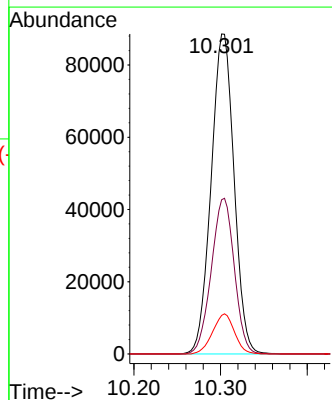
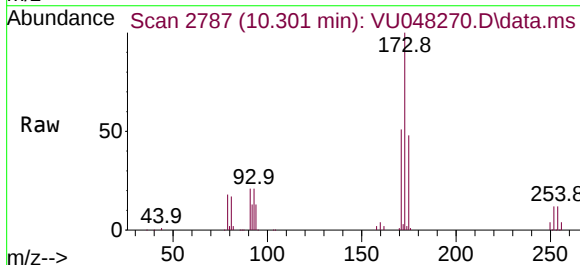
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

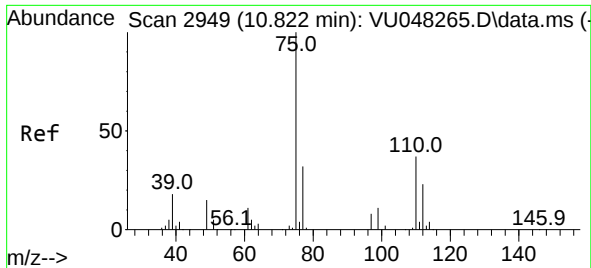
Tgt Ion: 83 Resp: 348888
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7
131 10.1 7.8 11.6



#59
Bromoform
Concen: 43.410 ug/L
RT: 10.301 min Scan# 2787
Delta R.T. 0.010 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:173 Resp: 162931
Ion Ratio Lower Upper
173 100
175 48.8 38.9 58.3
254 12.0 9.5 14.3

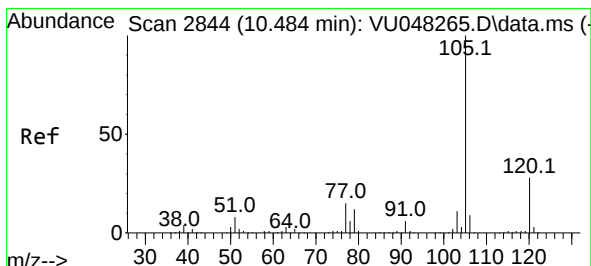
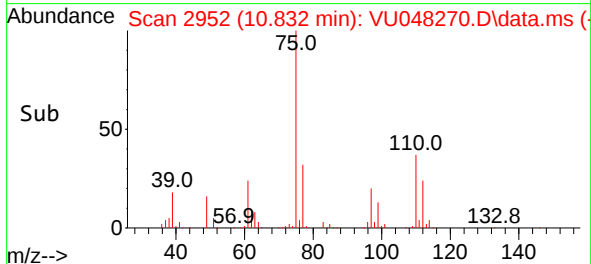
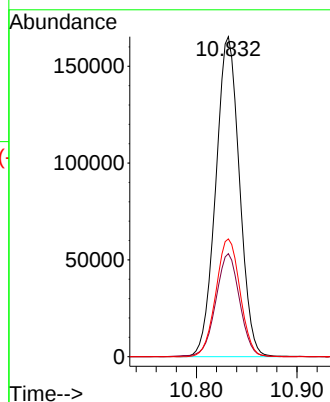
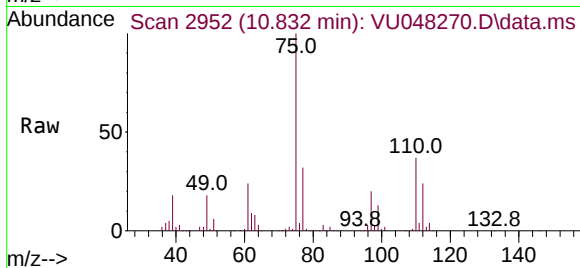




#60
1,2,3-Trichloropropane
Concen: 44.865 ug/L
RT: 10.832 min Scan# 2949
Delta R.T. 0.010 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

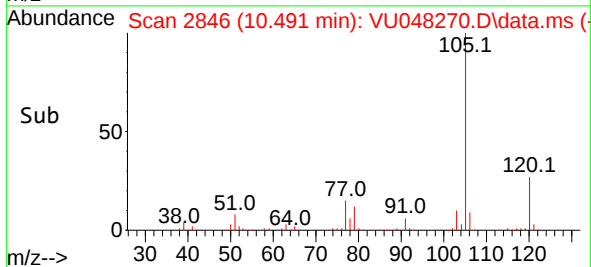
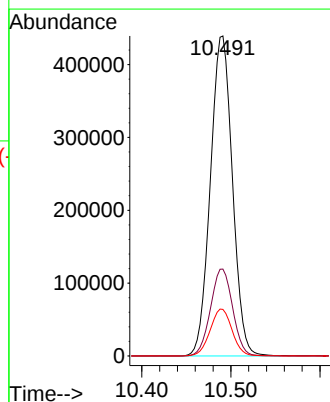
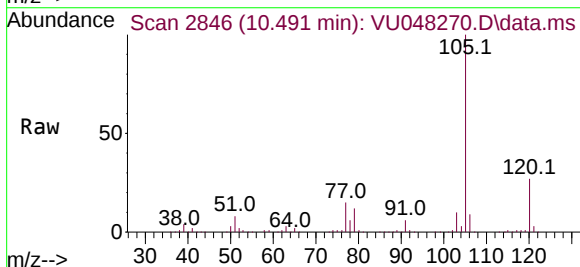
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

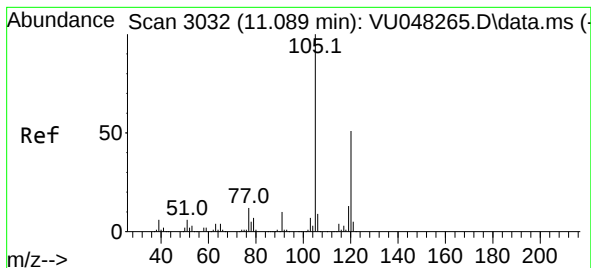
Tgt Ion: 75 Resp: 270683
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 37.5 29.9 44.9



#61
Isopropylbenzene
Concen: 52.141 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 105 Resp: 753964
Ion Ratio Lower Upper
105 100
120 27.3 21.7 32.5
77 14.6 11.7 17.5





#62

1,3,5-Trimethylbenzene

Concen: 53.460 ug/L

RT: 11.092 min Scan# 3032

Delta R.T. 0.003 min

Lab File: VU048270.D

Acq: 25 Apr 2022 15:37

Instrument :

MSVOA_U

ClientSampleId :

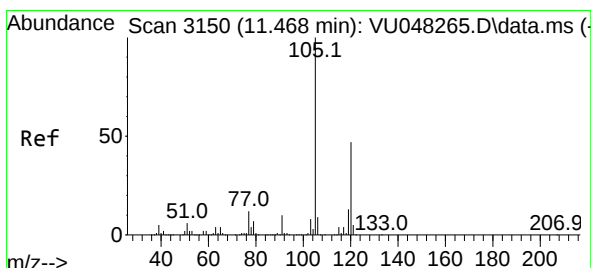
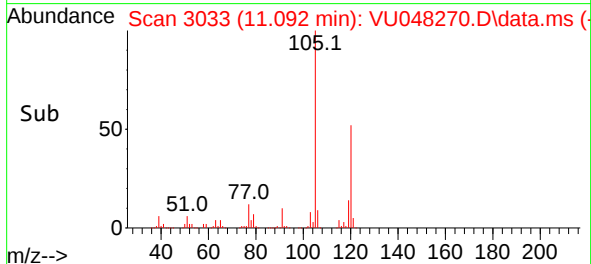
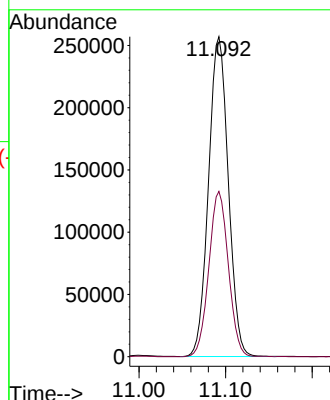
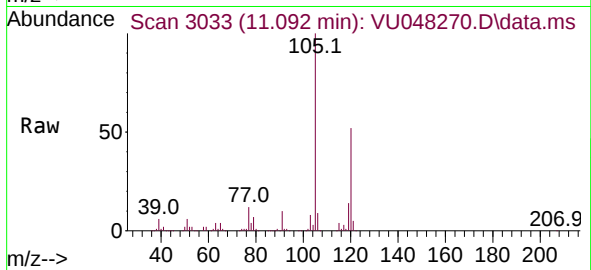
ETNS0MEMS

Tgt Ion:105 Resp: 407442

Ion Ratio Lower Upper

105 100

120 51.0 40.7 61.1



#63

1,2,4-Trimethylbenzene

Concen: 54.534 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU048270.D

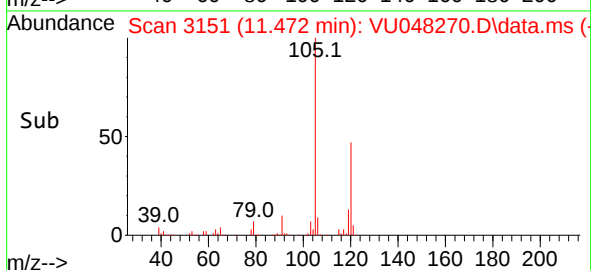
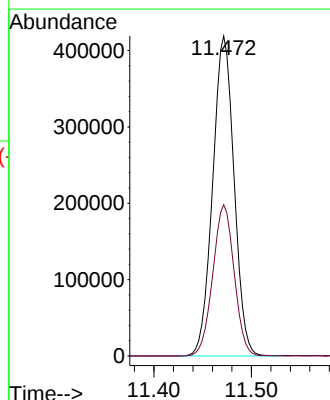
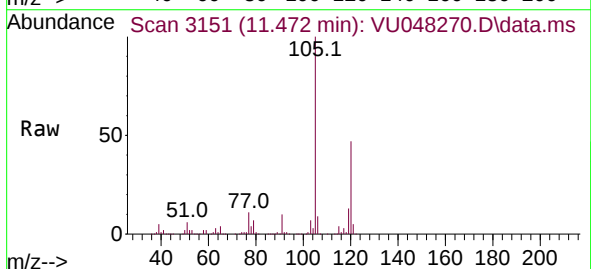
Acq: 25 Apr 2022 15:37

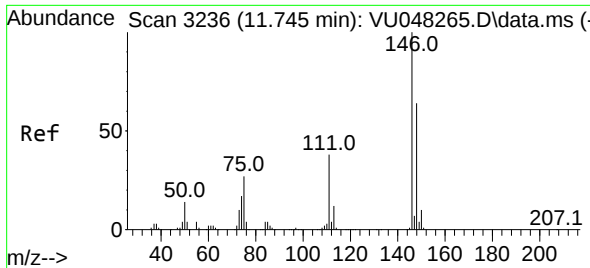
Tgt Ion:105 Resp: 639013

Ion Ratio Lower Upper

105 100

120 47.2 38.0 57.0

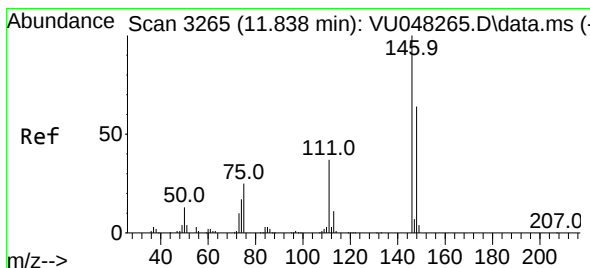
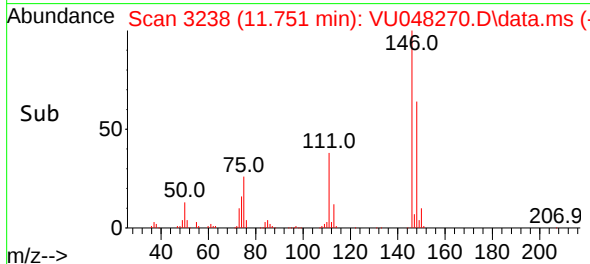
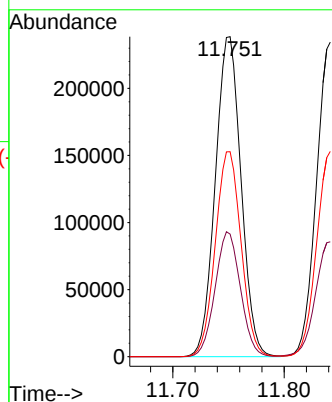
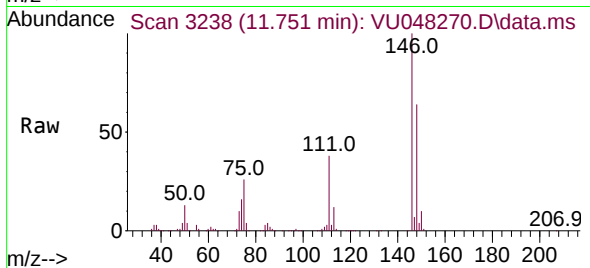




#64
1,3-Dichlorobenzene
Concen: 47.263 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

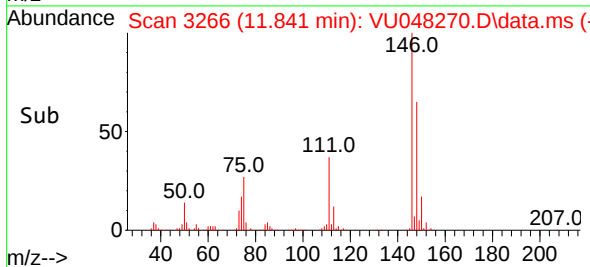
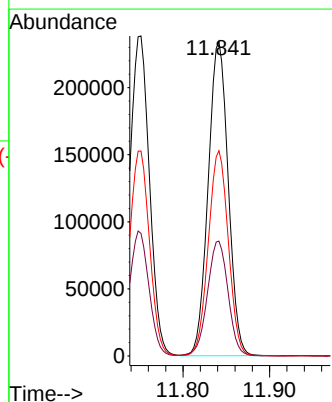
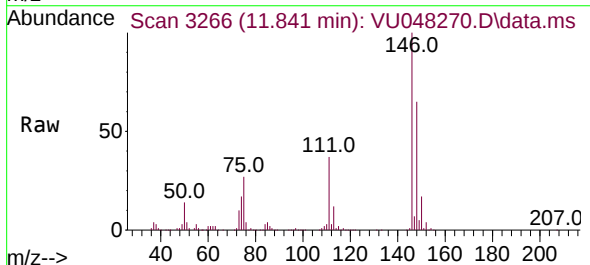
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

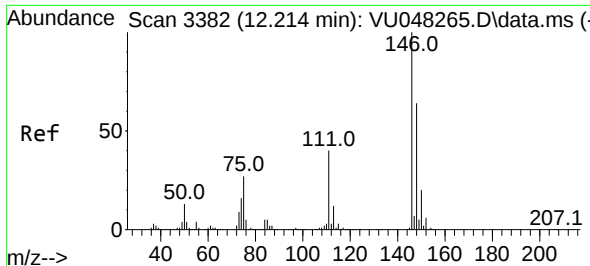
Tgt Ion:146 Resp: 383156
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 64.1 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 45.502 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:146 Resp: 376592
Ion Ratio Lower Upper
146 100
111 36.5 25.9 48.1
148 65.3 45.1 83.7

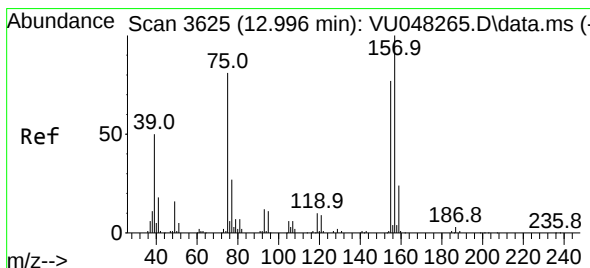
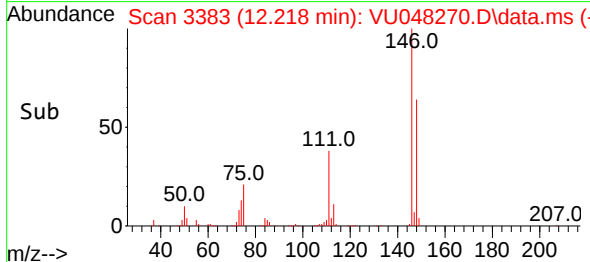
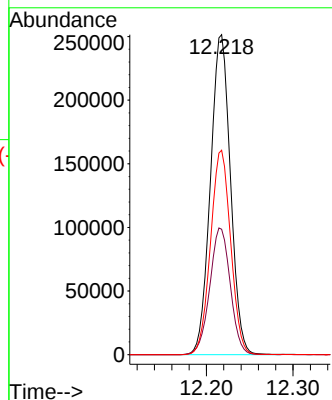
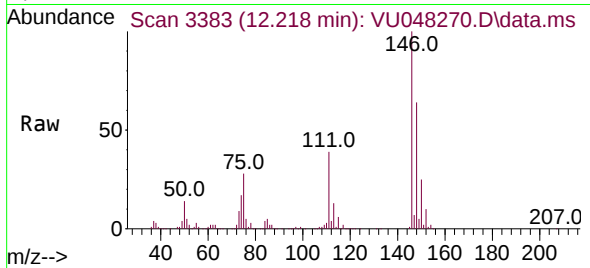




#67
1,2-Dichlorobenzene
Concen: 47.297 ug/L
RT: 12.218 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

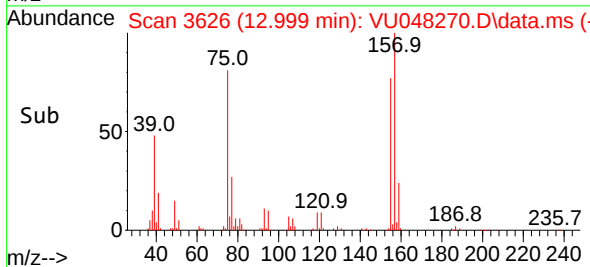
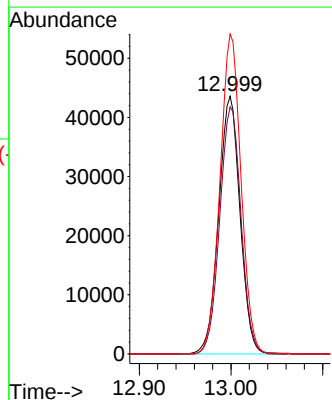
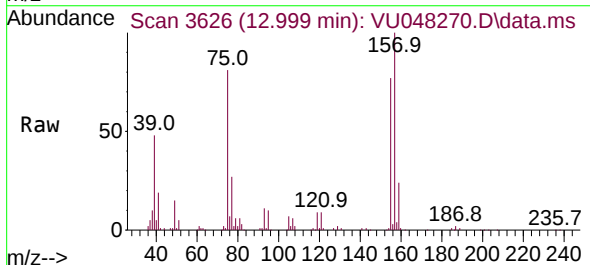
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

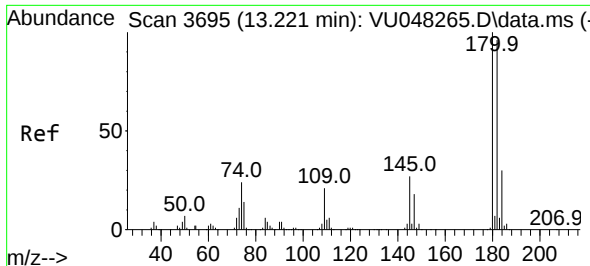
Tgt Ion:146 Resp: 403926
Ion Ratio Lower Upper
146 100
111 39.2 31.7 47.5
148 63.9 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 43.689 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion: 75 Resp: 70365
Ion Ratio Lower Upper
75 100
155 95.9 71.8 107.6
157 124.2 93.4 140.2

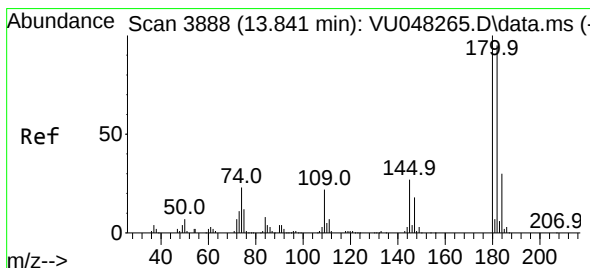
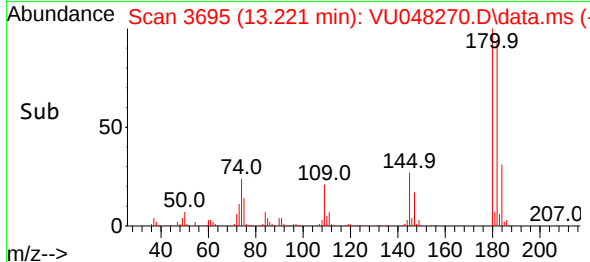
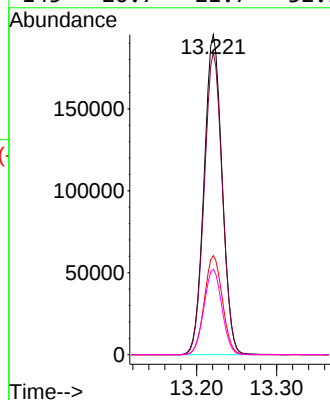
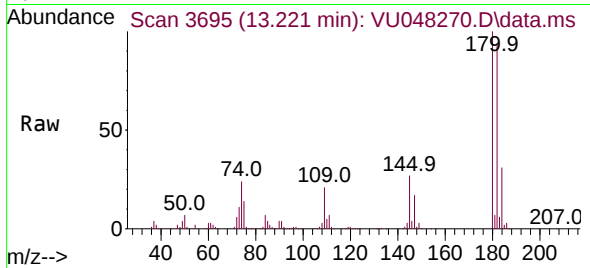




#69
1,3,5-Trichlorobenzene
Concen: 50.772 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

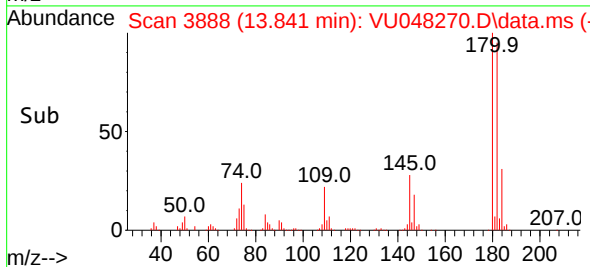
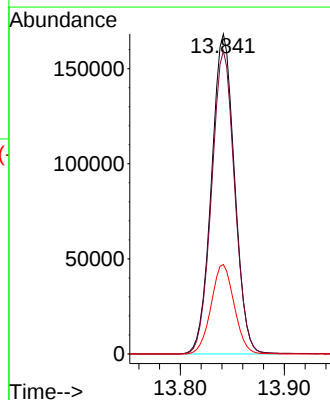
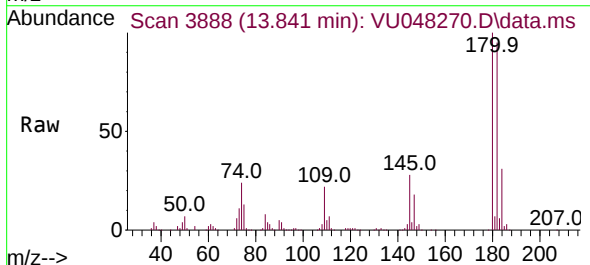
Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

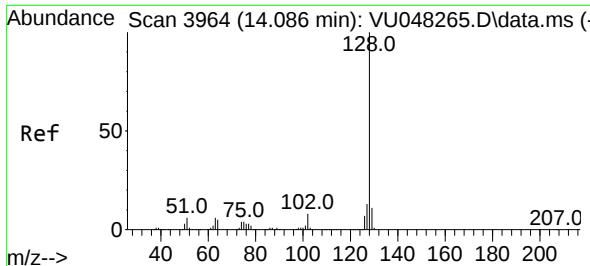
Tgt Ion:180 Resp: 305856
Ion Ratio Lower Upper
180 100
182 94.9 77.0 115.4
184 30.8 24.6 37.0
145 26.7 21.7 32.5



#70
1,2,4-trichlorobenzene
Concen: 54.546 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. 0.000 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:180 Resp: 259590
Ion Ratio Lower Upper
180 100
182 94.6 76.3 114.5
145 28.0 22.6 33.8

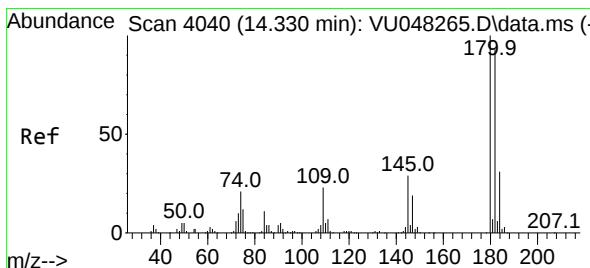
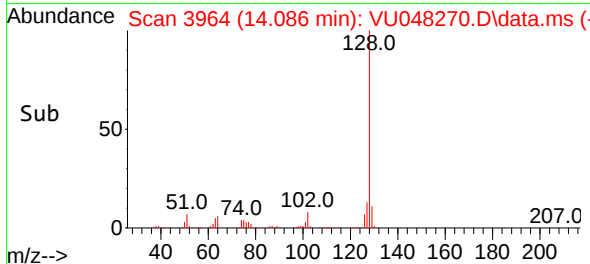
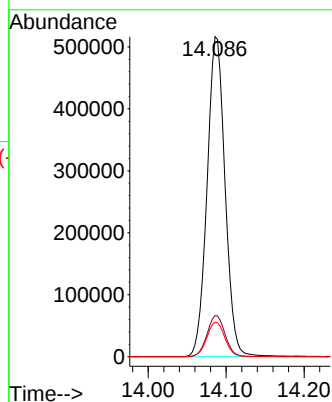
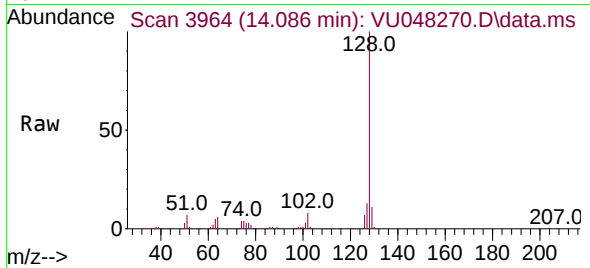




#71
Naphthalene
Concen: 60.753 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Instrument :
MSVOA_U
ClientSampleId :
ETNS0MEMS

Tgt Ion:128 Resp: 827441
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 54.863 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048270.D
Acq: 25 Apr 2022 15:37

Tgt Ion:180 Resp: 267584
Ion Ratio Lower Upper
180 100
182 96.6 75.8 113.6
145 29.4 23.5 35.3

