

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051821\
 Data File : VU043817.D
 Acq On : 18 May 2021 16:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 19 01:42:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 19 01:40:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	236779	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	232465	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127600	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73513	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.916	69	49877	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.572	65	32025	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.646	46	184252	55.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.00%
24) Chloroform-d	5.073	84	136950	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	5.710	65	66070	4.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.80%
32) Benzene-d6	5.736	84	281299	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.700	67	86971	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	7.906	98	260512	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloroprop...	8.186	79	32104	4.60	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.00%
46) 2-Hexanone-d5	8.642	63	148543	47.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.44%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71098	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	98142	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	89697	5.20	ug/L	100
3) Chloromethane	1.520	50	97524	4.82	ug/L	98
5) Vinyl chloride	1.607	62	100072	4.98	ug/L	98
6) Bromomethane	1.861	94	49518	4.18	ug/L	99
8) Chloroethane	1.938	64	52863	4.68	ug/L	99
9) Trichlorofluoromethane	2.141	101	118152	5.07	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	85738	5.40	ug/L	98
12) 1,1-Dichloroethene	2.584	96	83834	5.37	ug/L	94
13) Acetone	2.652	43	113472	53.84	ug/L	98
14) Carbon disulfide	2.800	76	264099	5.05	ug/L	99
15) Methyl Acetate	2.964	43	28042	4.47	ug/L	91
16) Methylene chloride	3.054	84	94906	4.09	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	177359	5.01	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	85117	5.19	ug/L	97
19) 1,1-Dichloroethane	3.877	63	154368	5.21	ug/L	99
21) 2-Butanone	4.723	43	226029	56.09	ug/L	96
22) cis-1,2-Dichloroethene	4.674	96	90787	5.26	ug/L	97
23) Bromochloromethane	4.986	128	44007	5.41	ug/L	93
25) Chloroform	5.099	83	158068	5.38	ug/L	99

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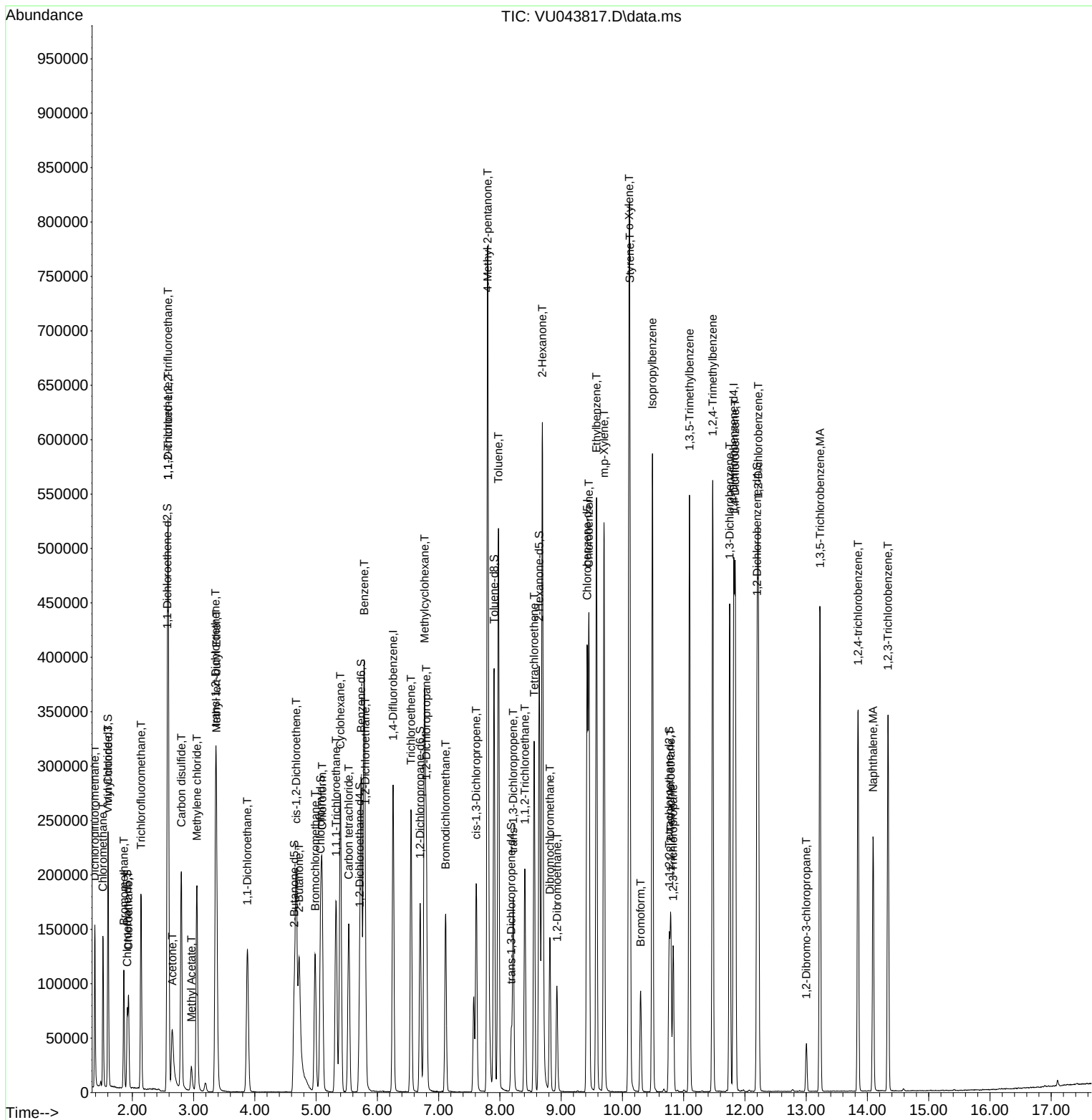
Instrument :
 MSVOA_U
 ClientSampleId :

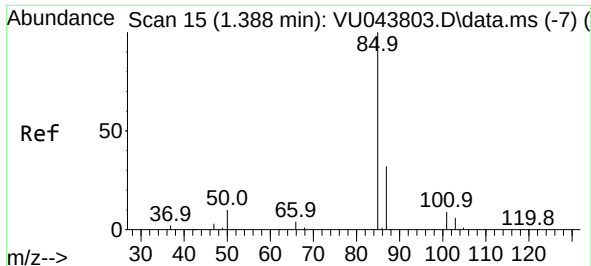
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 Quant Title : TRACE VOA SFAM1.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	93536	5.17	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	128991	5.32	ug/L	98
30) Cyclohexane	5.398	56	134561	5.00	ug/L	97
31) Carbon tetrachloride	5.533	117	107605	5.31	ug/L	100
33) Benzene	5.784	78	358129	5.33	ug/L	100
34) Trichloroethene	6.549	95	90255	5.23	ug/L	98
35) Methylcyclohexane	6.771	83	138660	5.17	ug/L	98
37) 1,2-Dichloropropane	6.800	63	91475	5.20	ug/L	100
38) Bromodichloromethane	7.115	83	108694	5.30	ug/L	98
39) cis-1,3-Dichloropropene	7.613	75	118678	5.08	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	530629	47.31	ug/L	97
42) Toluene	7.977	91	386627	5.47	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	101945	5.06	ug/L	97
45) 1,1,2-Trichloroethane	8.407	97	66030	5.22	ug/L	98
47) Tetrachloroethene	8.559	164	75185	5.39	ug/L	99
48) 2-Hexanone	8.694	43	396499	47.65	ug/L	98
49) Dibromochloromethane	8.819	129	75213	5.33	ug/L	100
50) 1,2-Dibromoethane	8.932	107	61104	5.14	ug/L	99
51) Chlorobenzene	9.452	112	235917	5.35	ug/L	99
52) Ethylbenzene	9.578	91	382068	5.29	ug/L	99
53) m,p-Xylene	9.700	106	152113	5.53	ug/L	95
54) o-Xylene	10.108	106	144160	5.49	ug/L	100
55) Styrene	10.121	104	250877	5.66	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.790	83	80913	5.04	ug/L	98
59) Bromoform	10.298	173	42963	5.00	ug/L	99
60) Isopropylbenzene	10.491	105	374587	5.35	ug/L	100
61) 1,2,3-Trichloropropane	10.829	75	59597	4.89	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	298654	5.30	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	309029	5.35	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	191296	5.30	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	190287	5.25	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	181385	5.23	ug/L	98
68) 1,2-Dibromo-3-chloropr...	13.002	75	11476	4.59	ug/L	98
69) 1,3,5-Trichlorobenzene	13.227	180	145545	5.05	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	117144	4.94	ug/L	99
71) Naphthalene	14.092	128	187550	4.49	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	112869	5.02	ug/L	99

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

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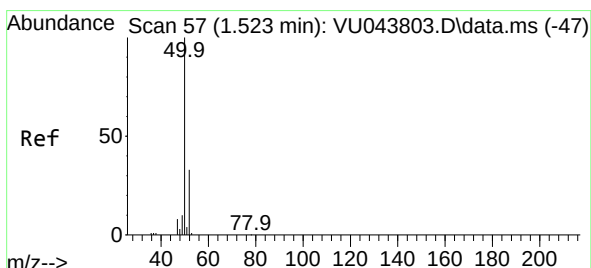
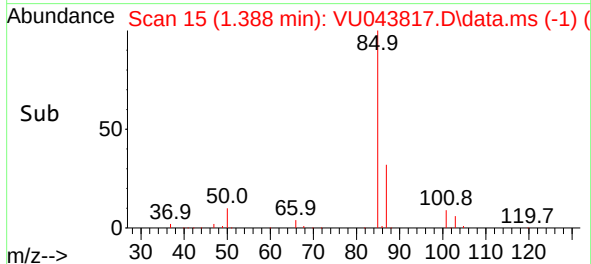
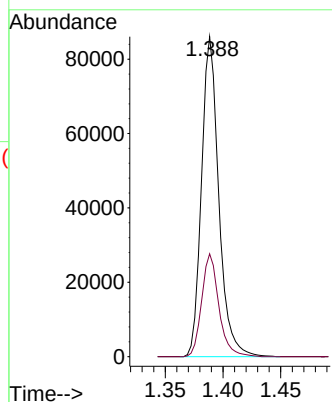
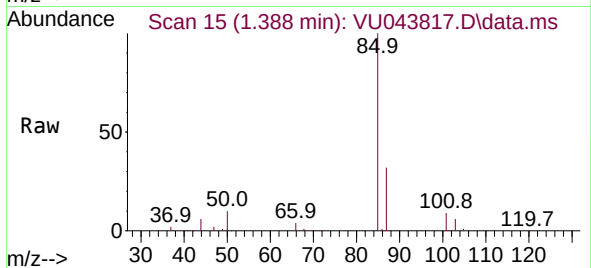




#2
Dichlorodifluoromethane
Concen: 5.20 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

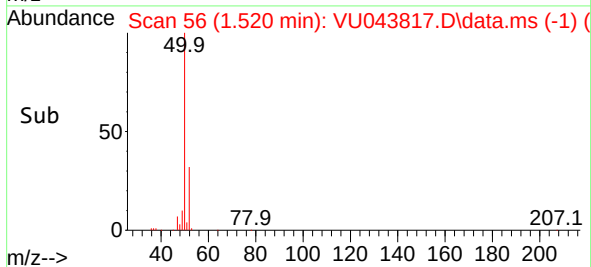
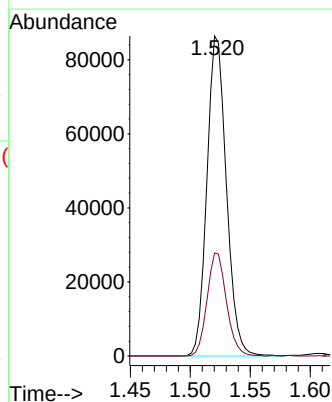
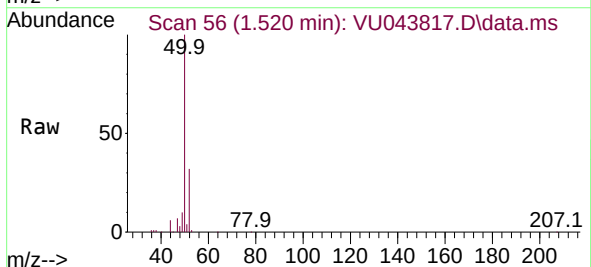
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MSVOA_U
ClientSampleId :

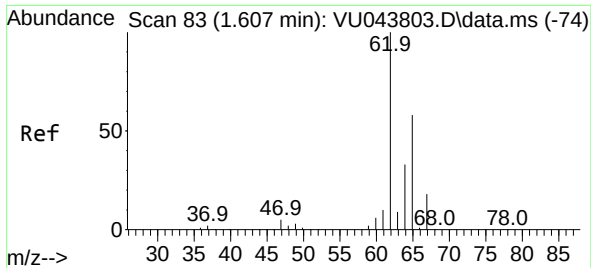
Tgt Ion: 85 Resp: 89697
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 4.82 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 50 Resp: 97524
Ion Ratio Lower Upper
50 100
52 32.2 23.2 43.2

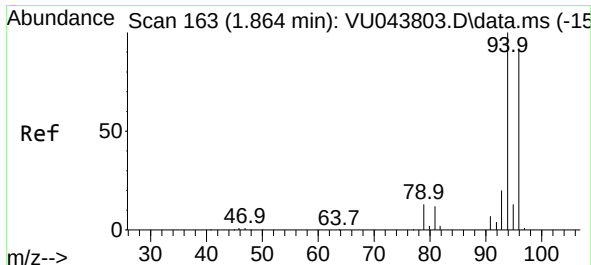
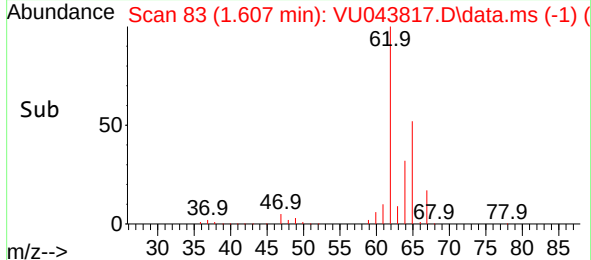
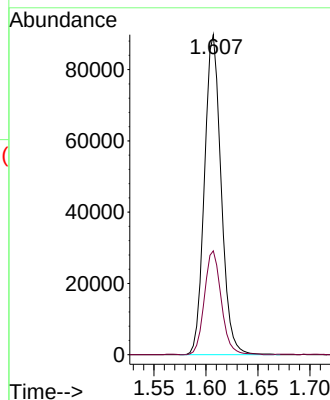
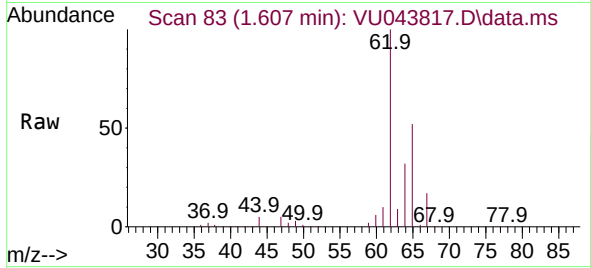




#5
 Vinyl chloride
 Concen: 4.98 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

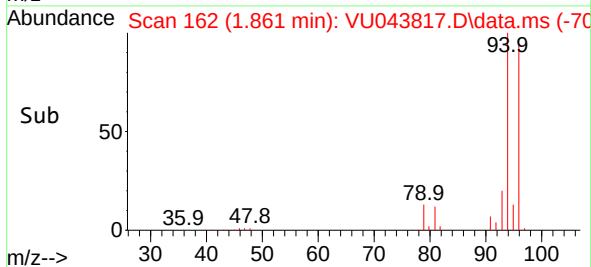
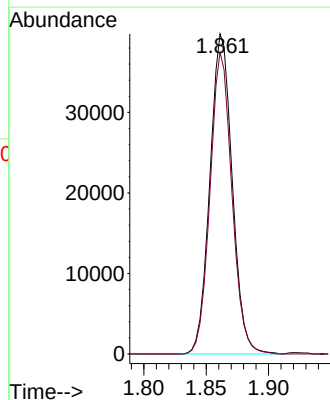
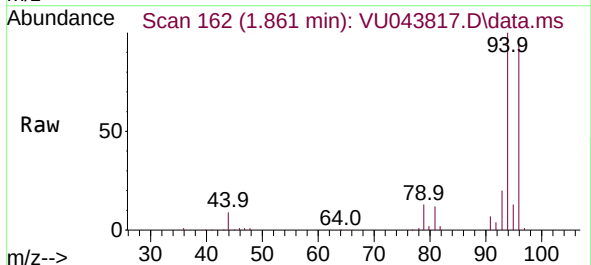
Instrument :
 MSVOA_U
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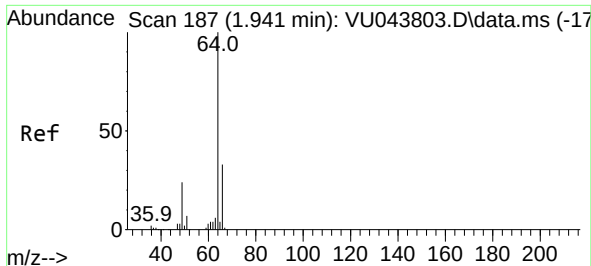
Tgt Ion: 62 Resp: 100072
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.1 41.1



#6
 Bromomethane
 Concen: 4.18 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

Tgt Ion: 94 Resp: 49518
 Ion Ratio Lower Upper
 94 100
 96 94.3 65.0 120.8

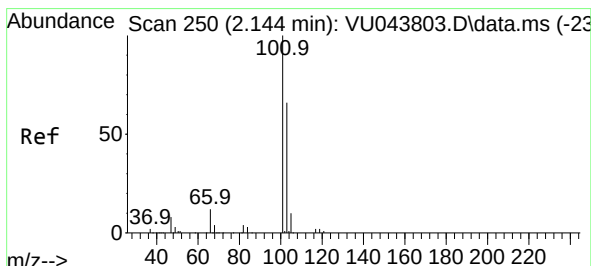
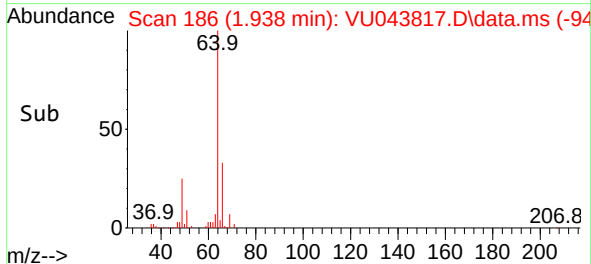
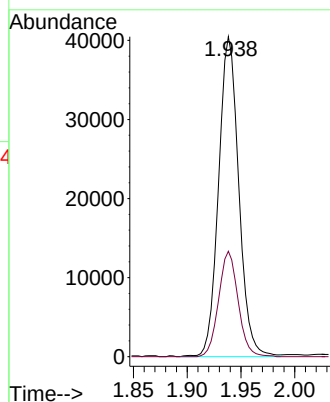
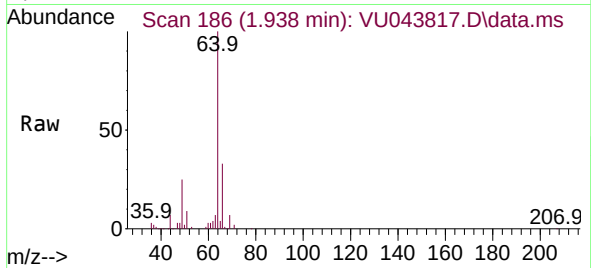




#8
Chloroethane
Concen: 4.68 ug/L
RT: 1.938 min Scan# 186
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

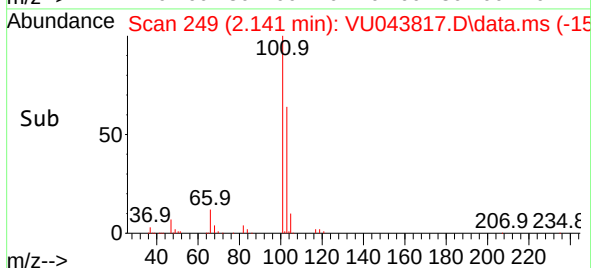
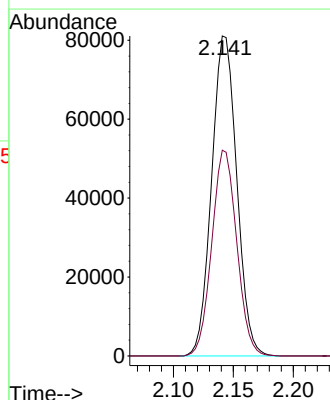
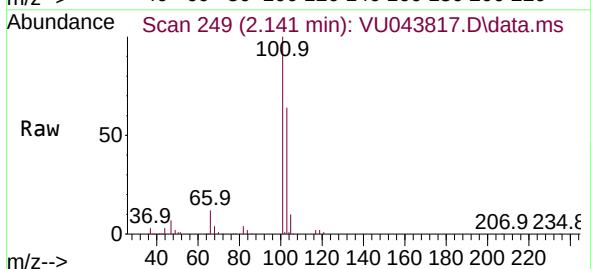
Instrument :
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ClientSampleId :

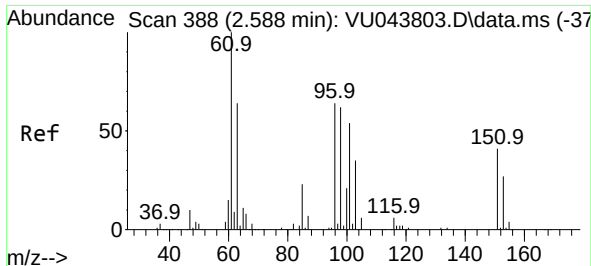
Tgt Ion: 64 Resp: 52863
Ion Ratio Lower Upper
64 100
66 33.0 23.4 43.6



#9
Trichlorofluoromethane
Concen: 5.07 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:101 Resp: 118152
Ion Ratio Lower Upper
101 100
103 63.8 52.1 78.1

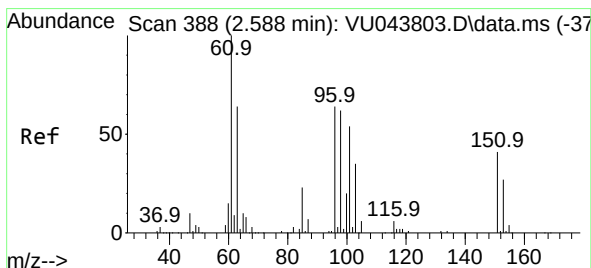
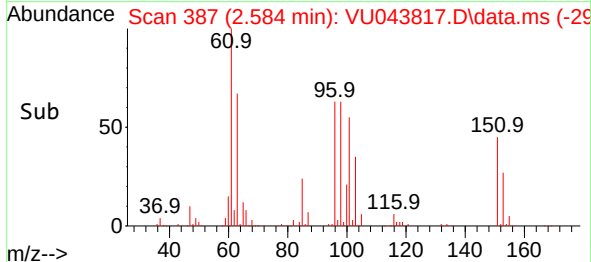
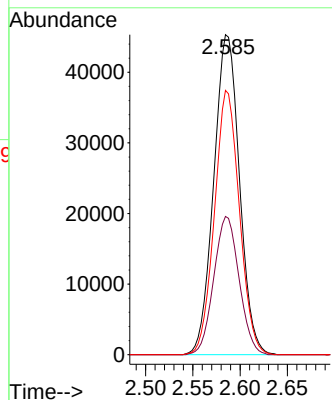
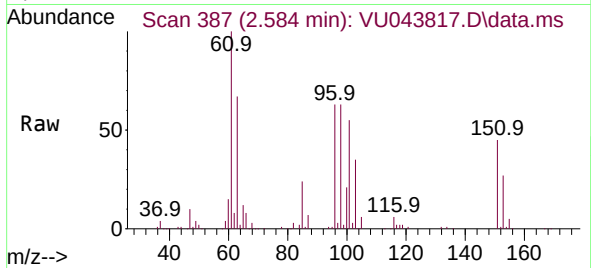




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.40 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

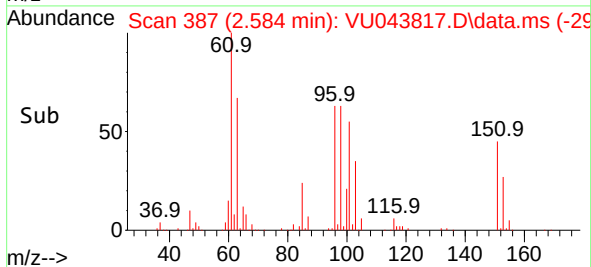
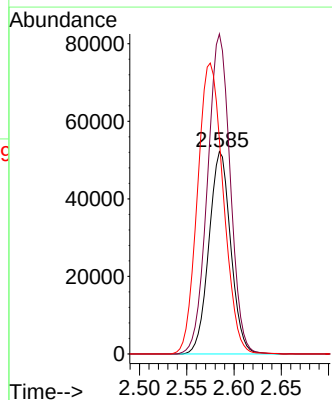
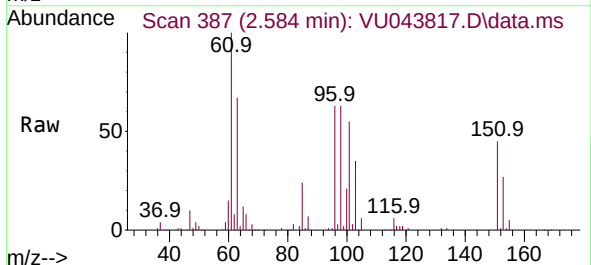
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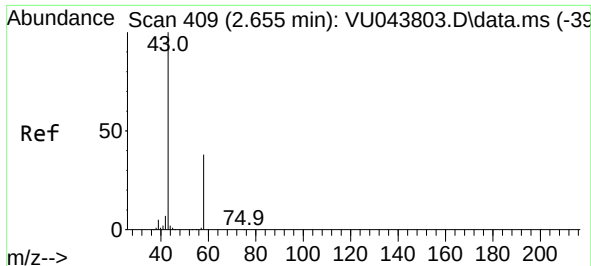
Tgt Ion:101 Resp: 85738
 Ion Ratio Lower Upper
 101 100
 85 42.5 34.3 51.5
 151 80.2 62.7 94.1



#12
 1,1-Dichloroethene
 Concen: 5.37 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

Tgt Ion: 96 Resp: 83834
 Ion Ratio Lower Upper
 96 100
 61 158.0 117.5 218.1
 63 105.8 77.3 143.7

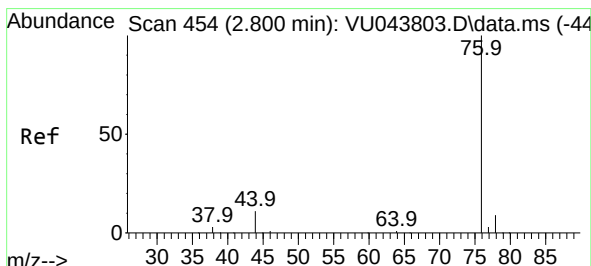
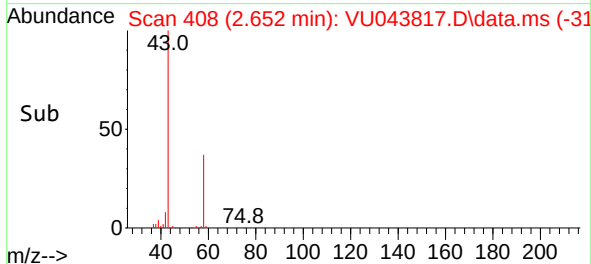
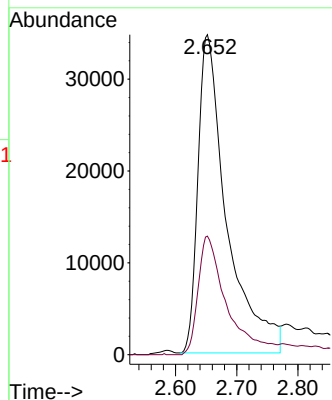
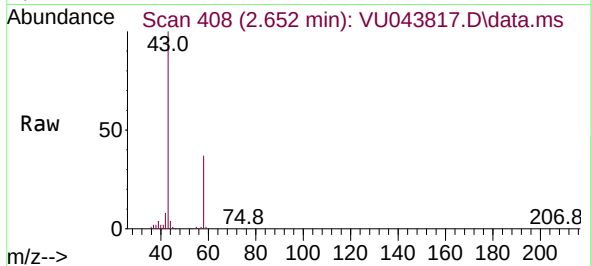




#13
Acetone
Concen: 53.84 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

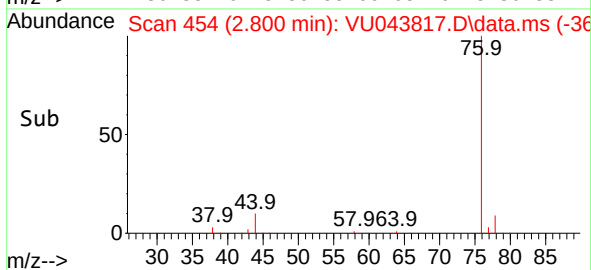
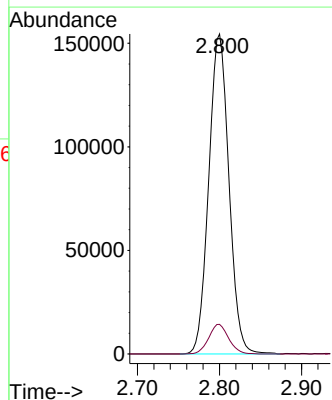
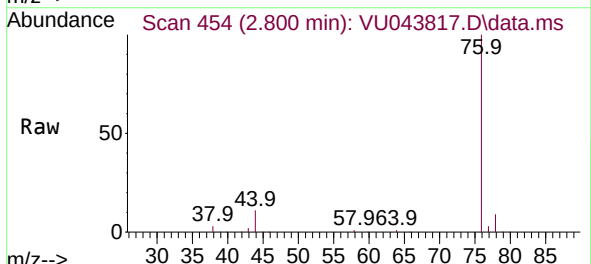
Instrument :
MSVOA_U
ClientSampleId :

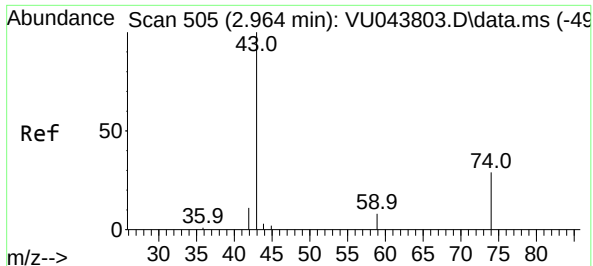
Tgt Ion: 43 Resp: 113472
Ion Ratio Lower Upper
43 100
58 37.1 0.0 71.6



#14
Carbon disulfide
Concen: 5.05 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 76 Resp: 264099
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

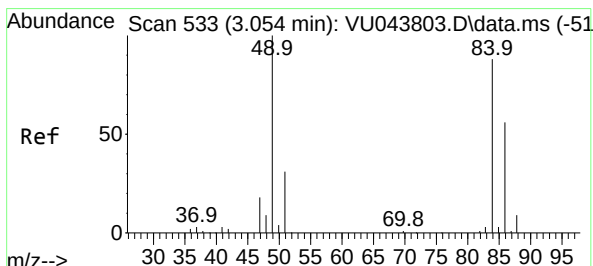
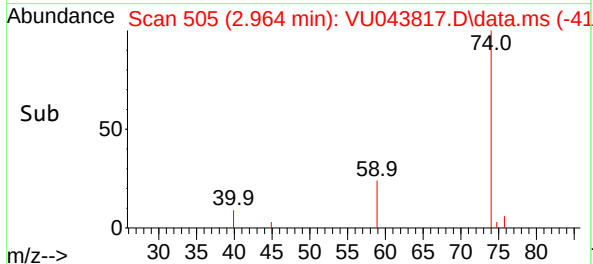
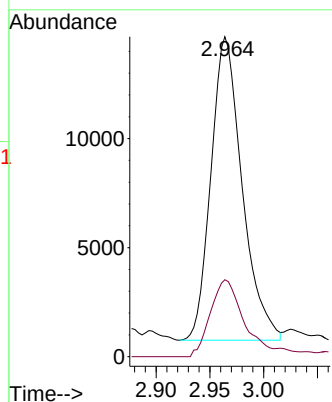
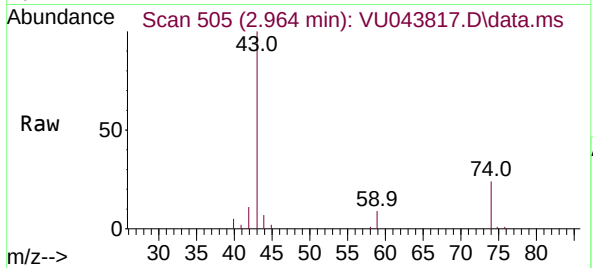




#15
Methyl Acetate
Concen: 4.47 ug/L
RT: 2.964 min Scan# 505
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

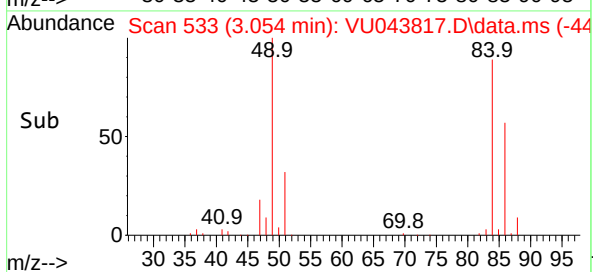
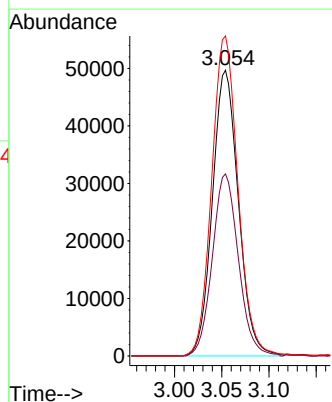
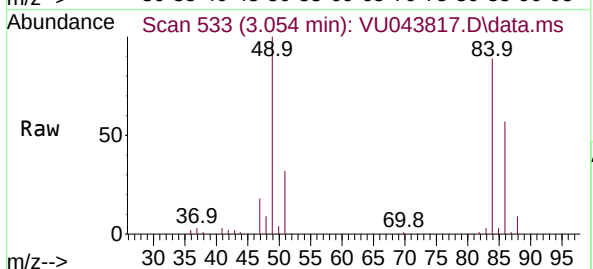
Instrument :
MSVOA_U
ClientSampled :

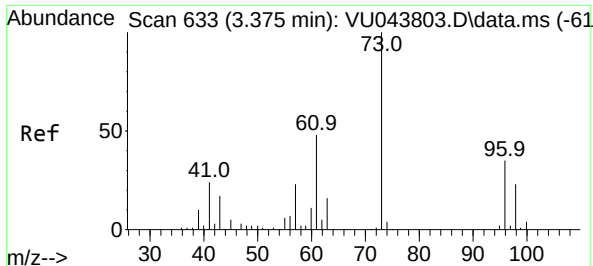
Tgt Ion: 43 Resp: 28042
Ion Ratio Lower Upper
43 100
74 28.6 19.3 28.9



#16
Methylene chloride
Concen: 4.09 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 84 Resp: 94906
Ion Ratio Lower Upper
84 100
86 63.7 44.7 82.9
49 112.0 83.1 154.3





#17

Methyl tert-butyl Ether

Concen: 5.01 ug/L

RT: 3.372 min Scan# 632

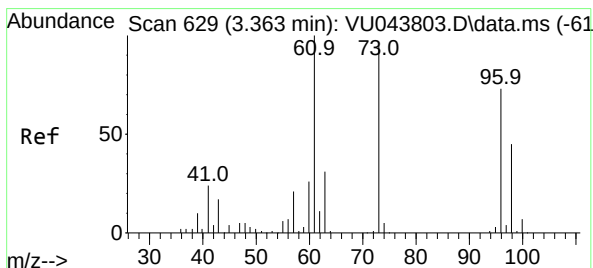
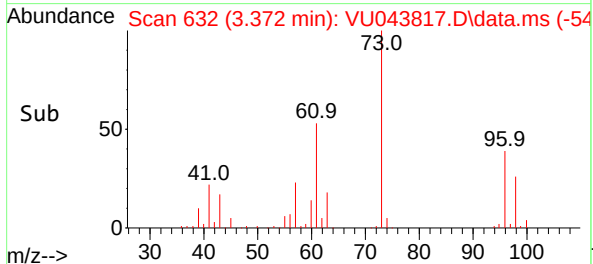
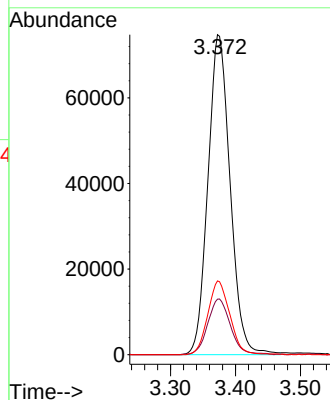
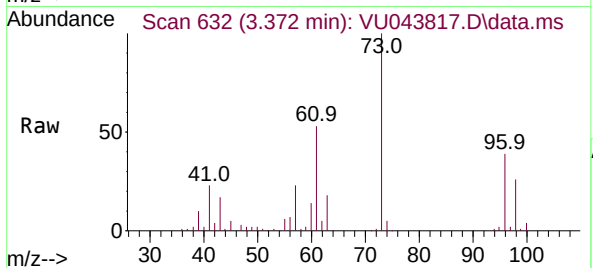
Delta R.T. -0.003 min

Lab File: VU043817.D

Acq: 18 May 2021 16:40

Tgt Ion: 73 Resp: 177359

Ion	Ratio	Lower	Upper
73	100		
43	17.8	15.0	22.4
57	22.9	18.6	27.8



#18

trans-1,2-Dichloroethene

Concen: 5.19 ug/L

RT: 3.359 min Scan# 628

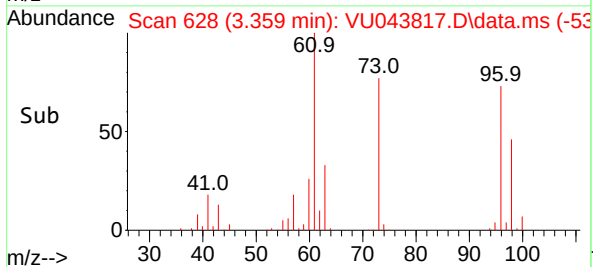
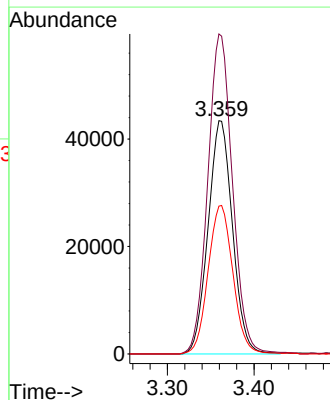
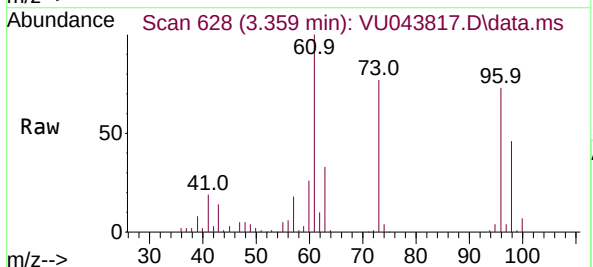
Delta R.T. -0.003 min

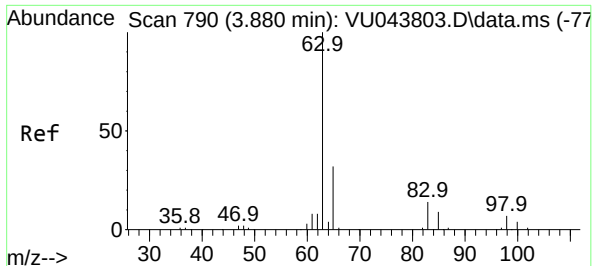
Lab File: VU043817.D

Acq: 18 May 2021 16:40

Tgt Ion: 96 Resp: 85117

Ion	Ratio	Lower	Upper
96	100		
61	137.2	99.6	185.0
98	63.4	43.8	81.4





#19

1,1-Dichloroethane

Concen: 5.21 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU043817.D

Acq: 18 May 2021 16:40

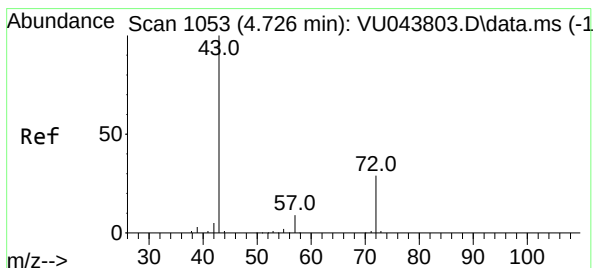
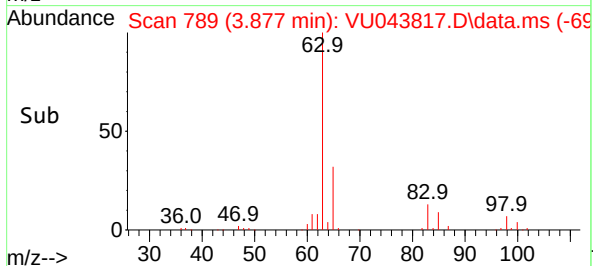
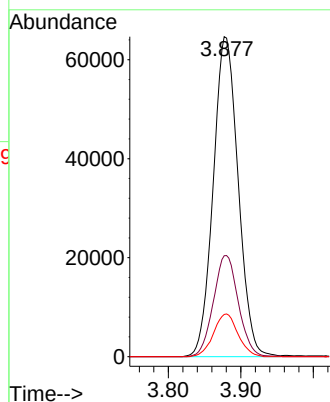
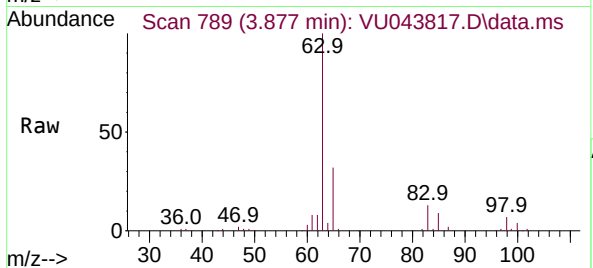
Tgt Ion: 63 Resp: 154368

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 13.2 9.0 16.8



#21

2-Butanone

Concen: 56.09 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.003 min

Lab File: VU043817.D

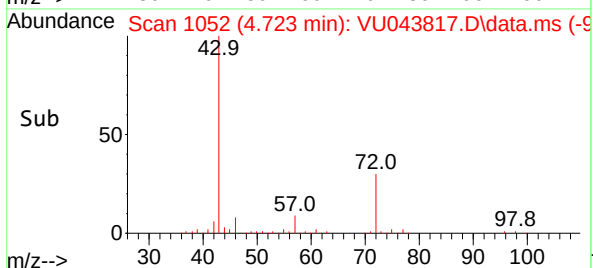
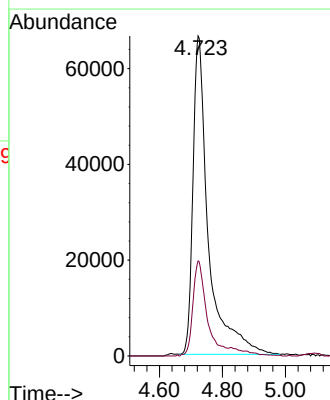
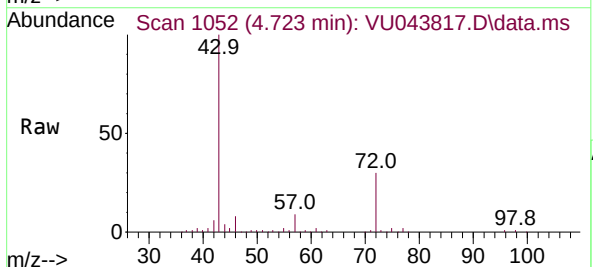
Acq: 18 May 2021 16:40

Tgt Ion: 43 Resp: 226029

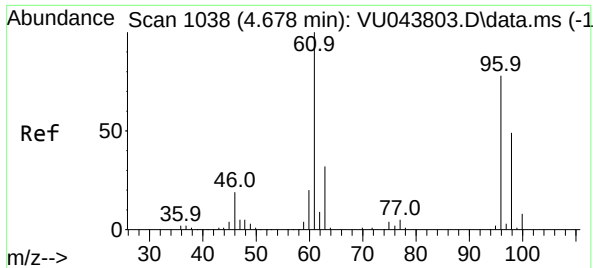
Ion Ratio Lower Upper

43 100

72 26.9 14.5 43.6



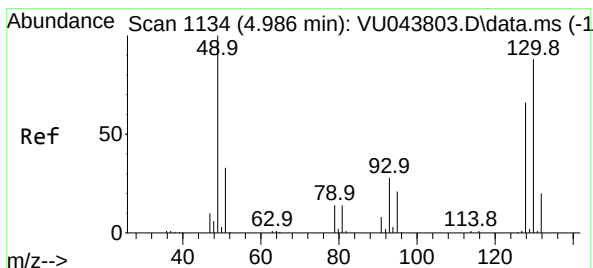
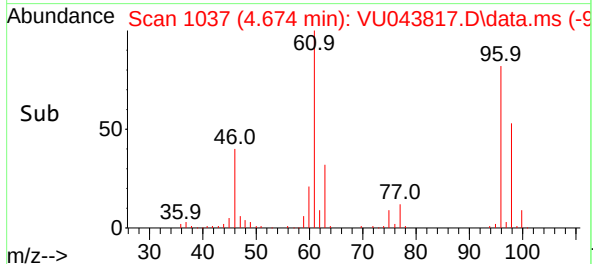
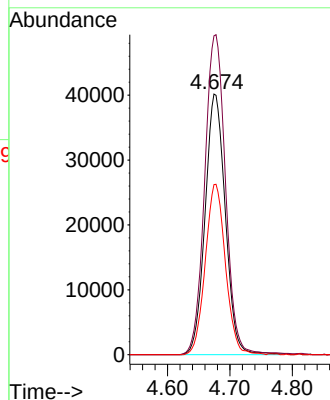
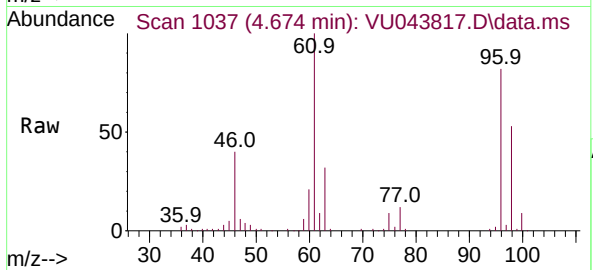
Instrument :
MSVOA_U
ClientSampleId :



#22
 cis-1,2-Dichloroethene
 Concen: 5.26 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.003 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

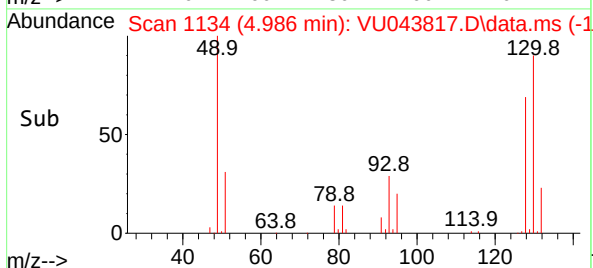
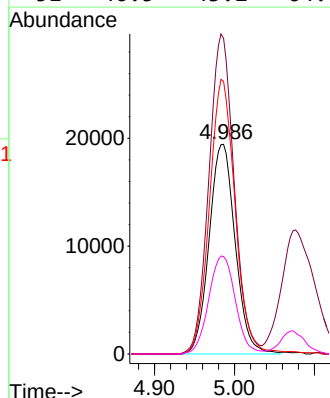
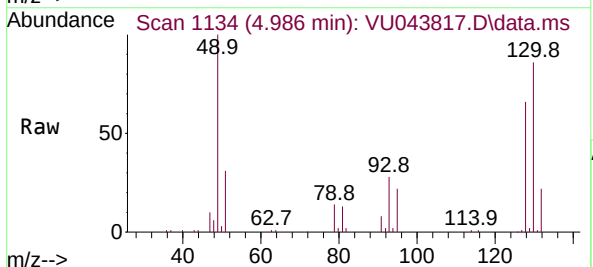
Instrument :
 MSVOA_U
 ClientSampleId :

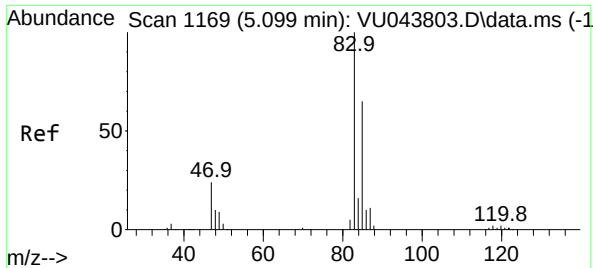
Tgt Ion: 96 Resp: 90787
 Ion Ratio Lower Upper
 96 100
 61 122.4 89.0 165.4
 98 65.2 44.9 83.3



#23
 Bromochloromethane
 Concen: 5.41 ug/L
 RT: 4.986 min Scan# 1134
 Delta R.T. -0.000 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

Tgt Ion: 128 Resp: 44007
 Ion Ratio Lower Upper
 128 100
 49 150.6 114.7 212.9
 130 130.1 91.7 170.3
 51 46.5 43.2 64.8

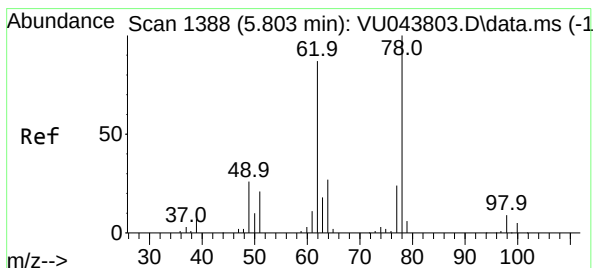
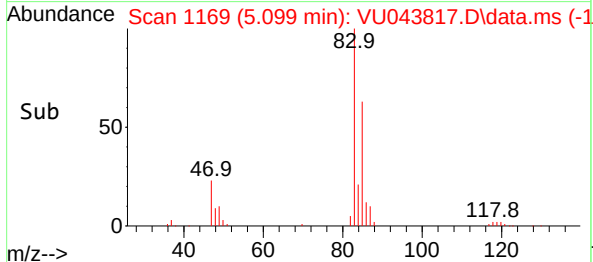
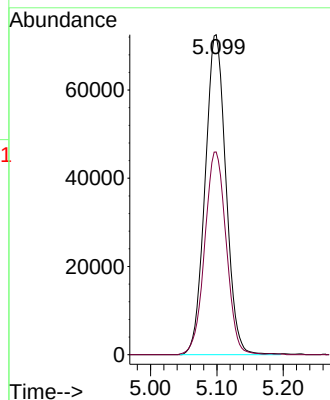
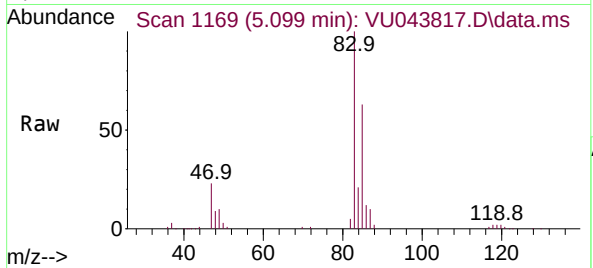




#25
Chloroform
Concen: 5.38 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

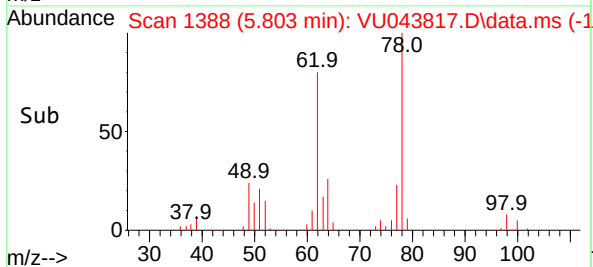
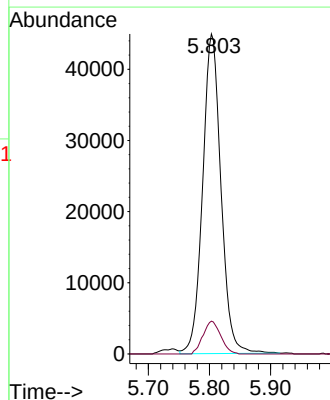
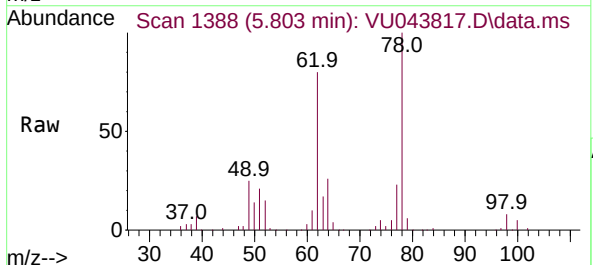
Instrument :
MSVOA_U
ClientSampled :

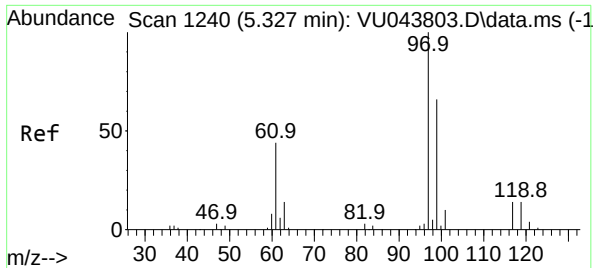
Tgt Ion: 83 Resp: 158068
Ion Ratio Lower Upper
83 100
85 63.4 45.0 83.6



#27
1,2-Dichloroethane
Concen: 5.17 ug/L
RT: 5.803 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 62 Resp: 93536
Ion Ratio Lower Upper
62 100
98 10.3 7.7 11.5

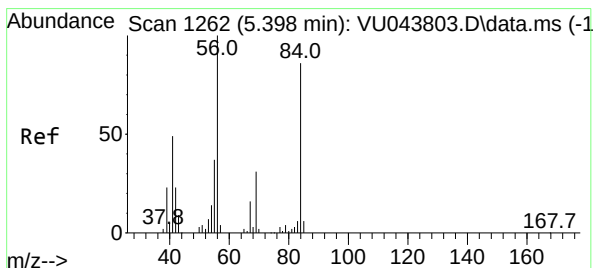
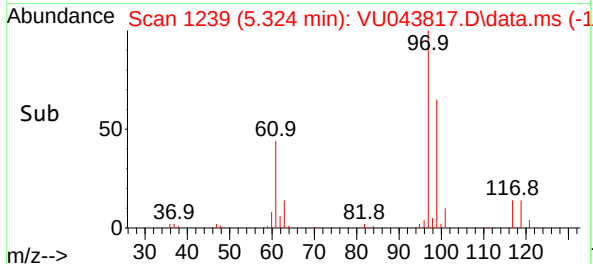
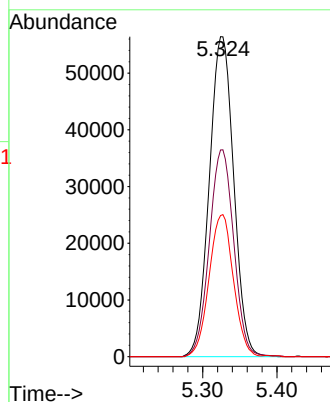
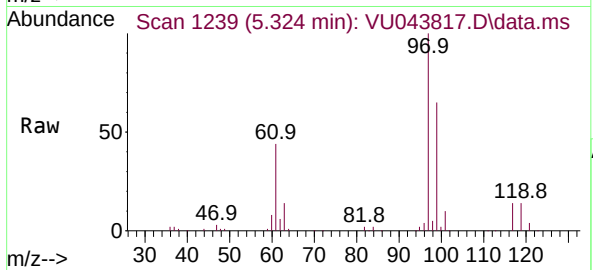




#29
1,1,1-Trichloroethane
Concen: 5.32 ug/L
RT: 5.324 min Scan# 1239
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

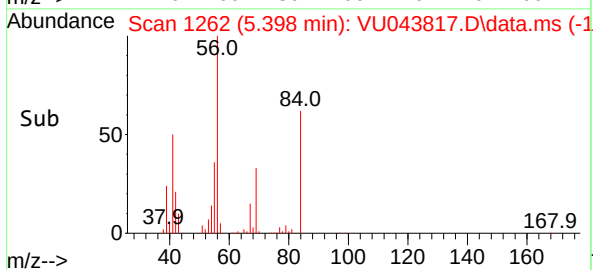
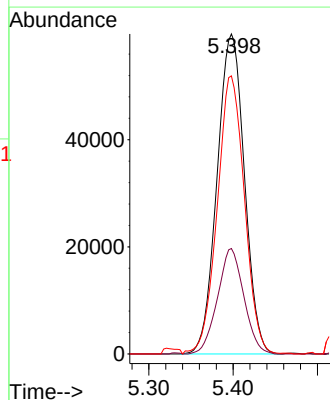
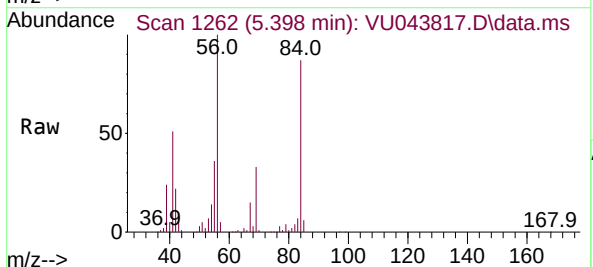
Instrument :
MSVOA_U
ClientSampleId :

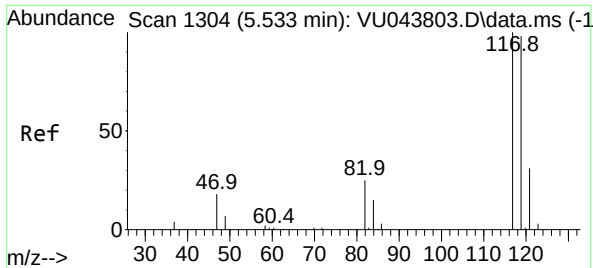
Tgt Ion:	97	Resp:	128991
Ion	Ratio	Lower	Upper
97	100		
99	64.8	51.1	76.7
61	44.2	37.0	55.4



#30
Cyclohexane
Concen: 5.00 ug/L
RT: 5.398 min Scan# 1262
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:	56	Resp:	134561
Ion	Ratio	Lower	Upper
56	100		
69	31.7	24.8	37.2
84	86.3	66.8	100.2

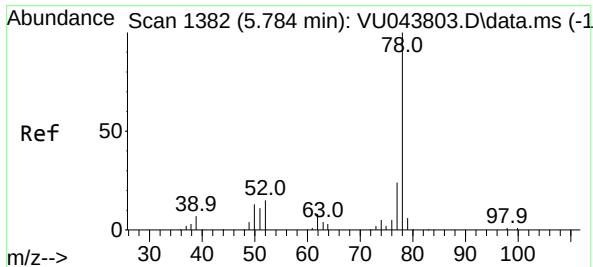
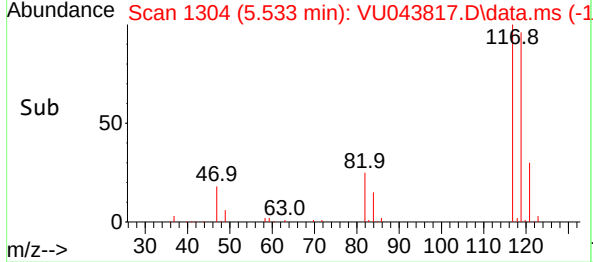
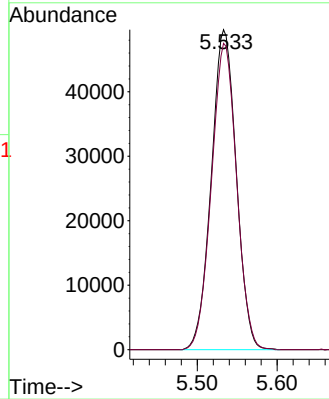
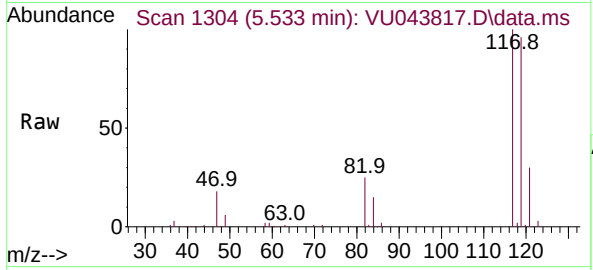




#31
Carbon tetrachloride
Concen: 5.31 ug/L
RT: 5.533 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

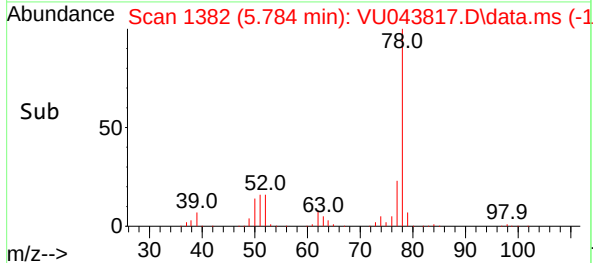
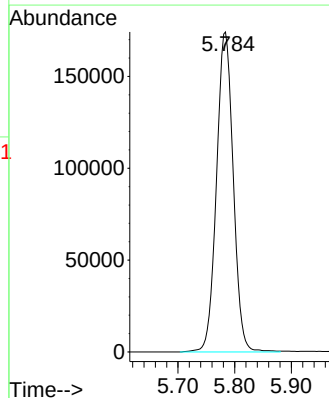
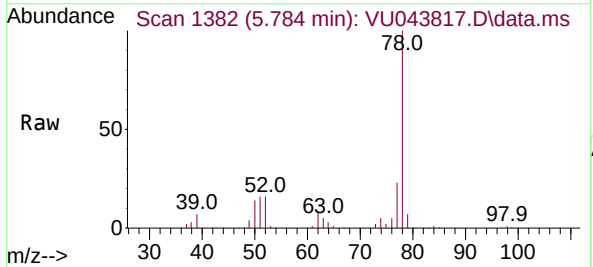
Instrument :
MSVOA_U
ClientSampled :

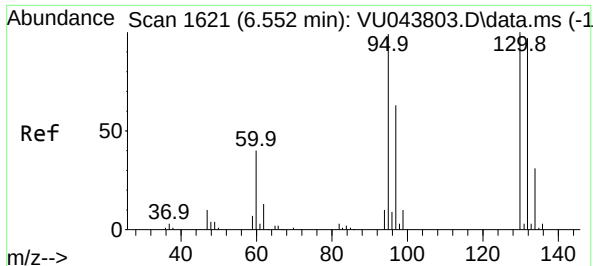
Tgt Ion:117 Resp: 107605
Ion Ratio Lower Upper
117 100
119 96.5 77.4 116.0



#33
Benzene
Concen: 5.33 ug/L
RT: 5.784 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 78 Resp: 358129



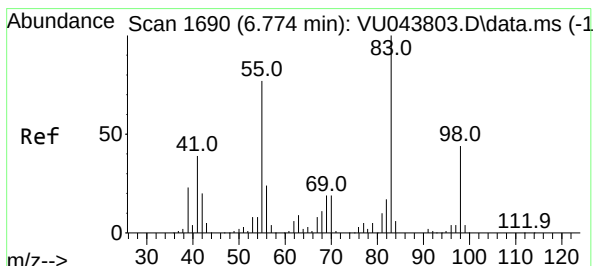
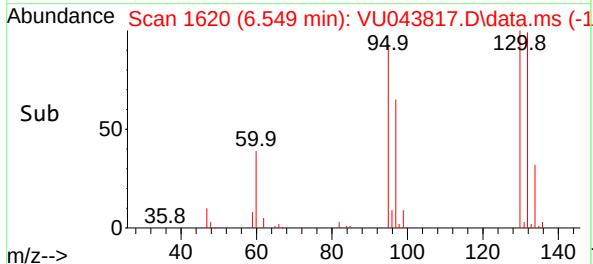
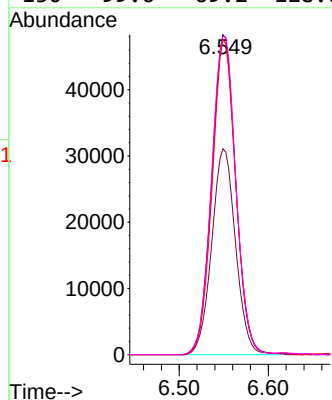
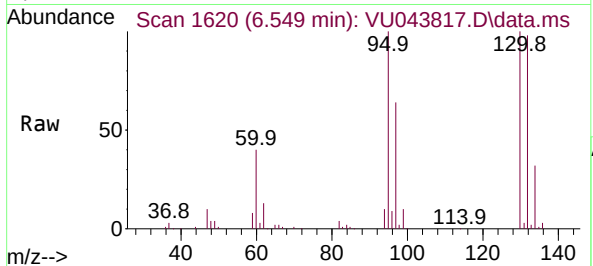


#34
Trichloroethene
Concen: 5.23 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 90255

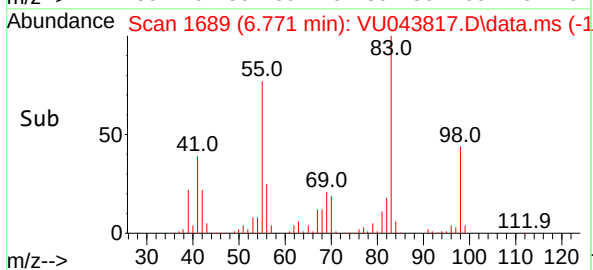
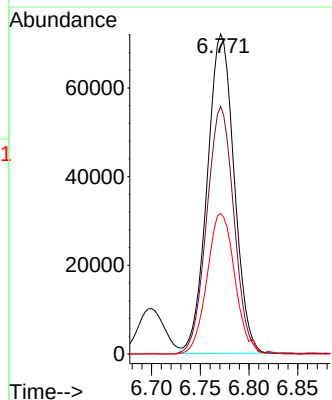
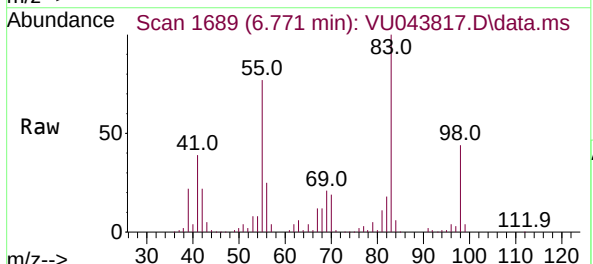
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.3	82.3
132	98.5	66.0	122.6
130	99.6	69.2	128.6

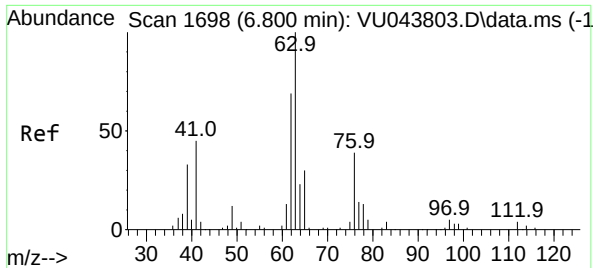


#35
Methylcyclohexane
Concen: 5.17 ug/L
RT: 6.771 min Scan# 1689
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 83 Resp: 138660

Ion	Ratio	Lower	Upper
83	100		
55	78.1	64.8	97.2
98	45.4	35.9	53.9

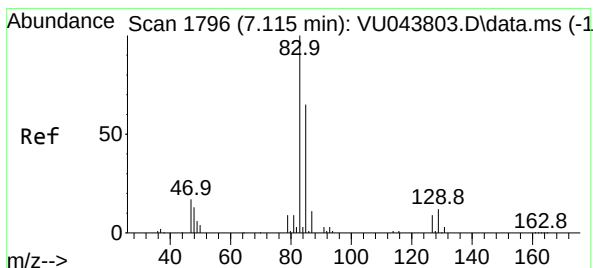
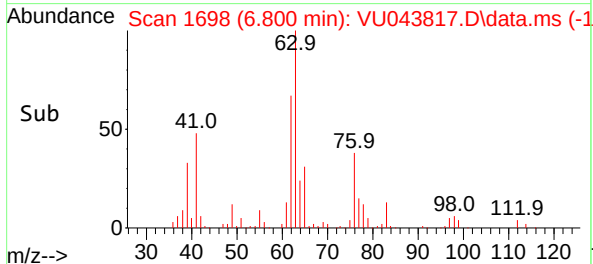
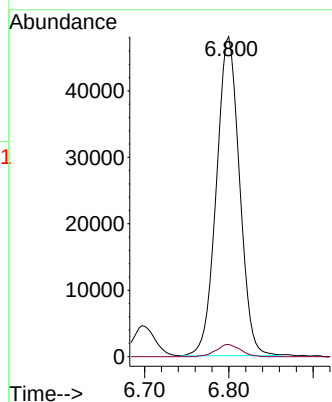
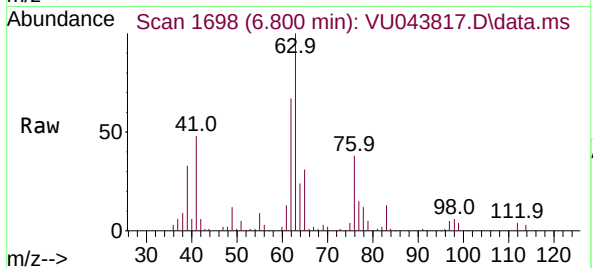




#37
1,2-Dichloropropane
Concen: 5.20 ug/L
RT: 6.800 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

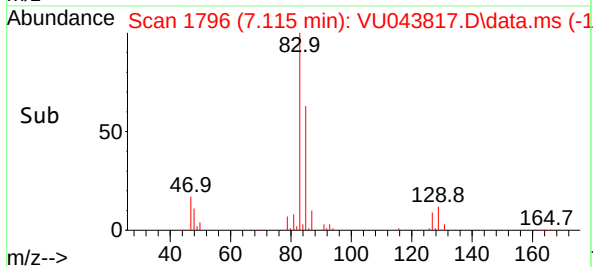
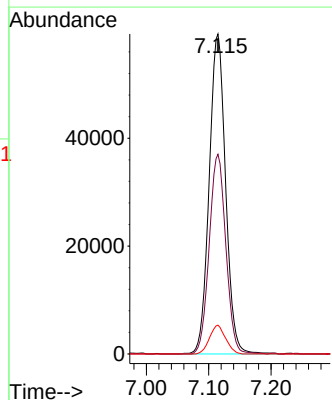
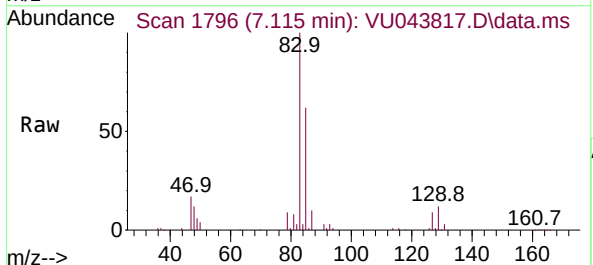
Instrument :
MSVOA_U
ClientSampleId :

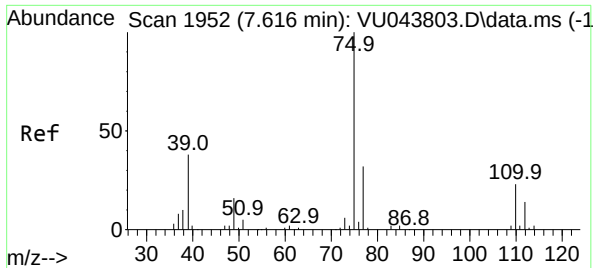
Tgt Ion: 63 Resp: 91475
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.30 ug/L
RT: 7.115 min Scan# 1796
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 83 Resp: 108694
Ion Ratio Lower Upper
83 100
85 62.4 44.6 82.8
127 9.0 7.0 10.4

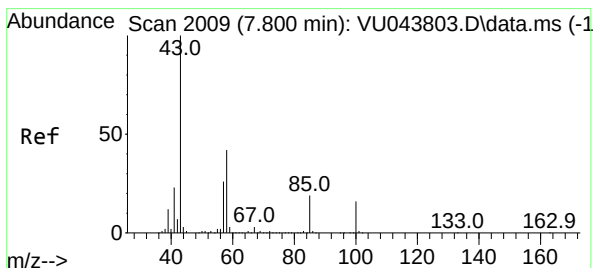
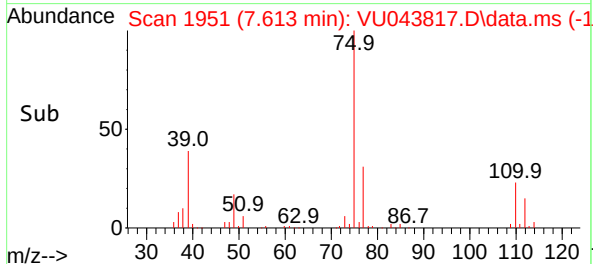
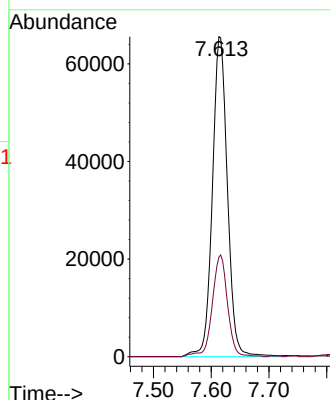
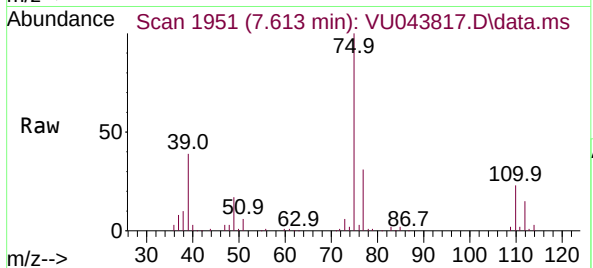




#39
 cis-1,3-Dichloropropene
 Concen: 5.08 ug/L
 RT: 7.613 min Scan# 1951
 Delta R.T. -0.003 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

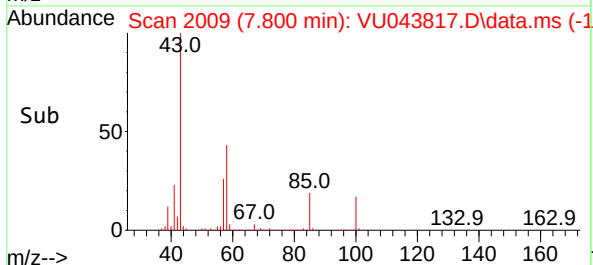
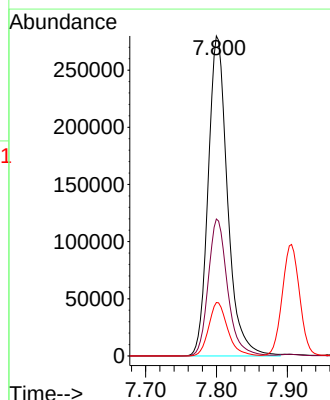
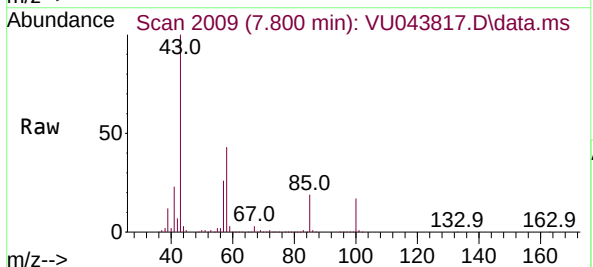
Instrument :
 MSVOA_U
 ClientSampleId :

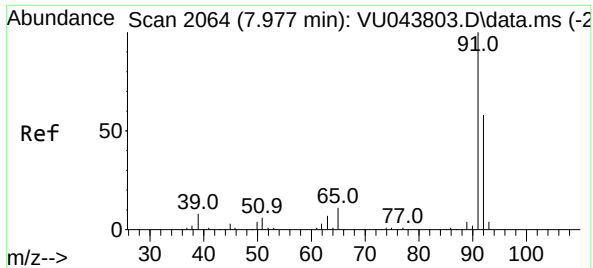
Tgt Ion: 75 Resp: 118678
 Ion Ratio Lower Upper
 75 100
 77 31.1 22.5 41.7



#40
 4-Methyl-2-pentanone
 Concen: 47.31 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VU043817.D
 Acq: 18 May 2021 16:40

Tgt Ion: 43 Resp: 530629
 Ion Ratio Lower Upper
 43 100
 58 42.8 32.8 49.2
 100 16.4 11.9 17.9

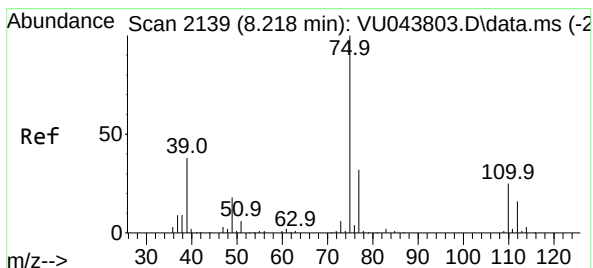
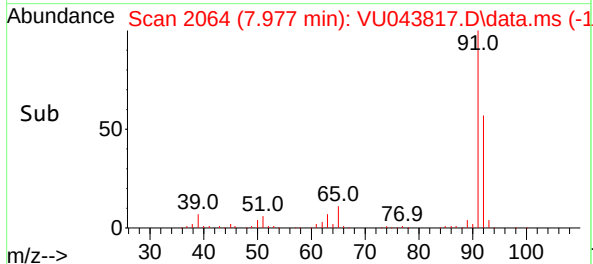
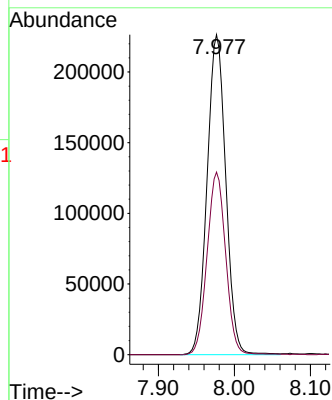
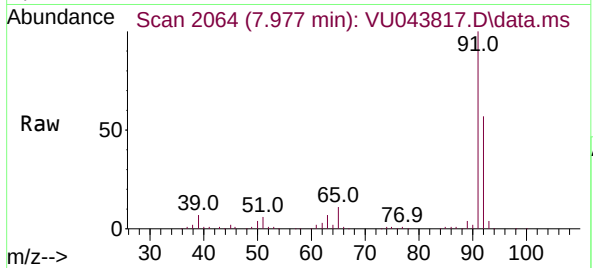




#42
Toluene
Concen: 5.47 ug/L
RT: 7.977 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

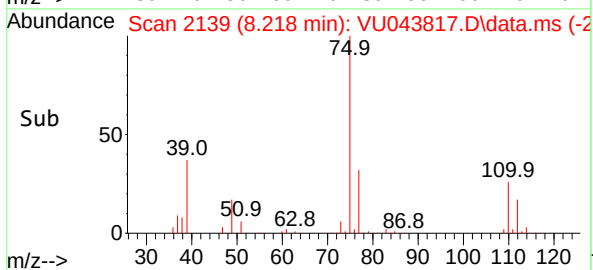
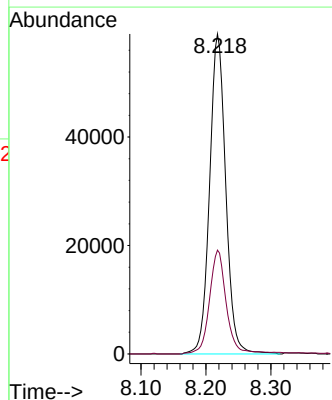
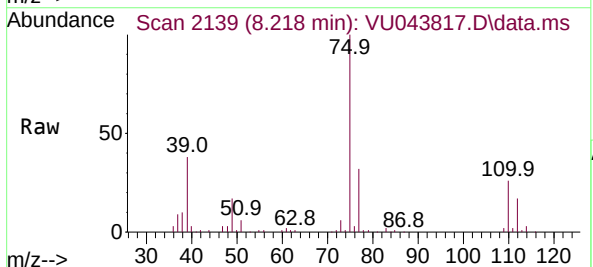
Instrument :
MSVOA_U
ClientSampled :

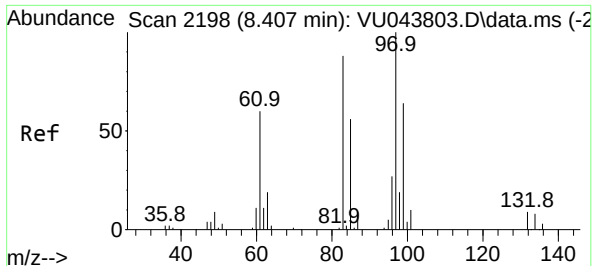
Tgt Ion: 91 Resp: 386627
Ion Ratio Lower Upper
91 100
92 57.0 40.3 74.8



#44
trans-1,3-Dichloropropene
Concen: 5.06 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 75 Resp: 101945
Ion Ratio Lower Upper
75 100
77 32.5 21.5 39.9

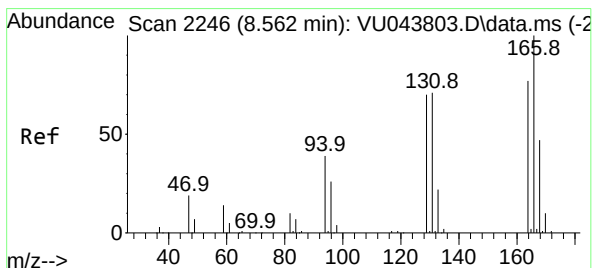
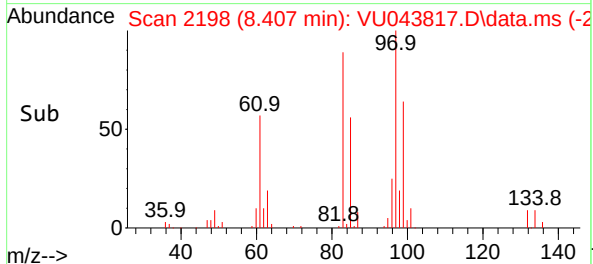
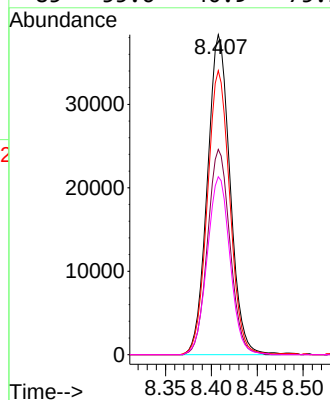
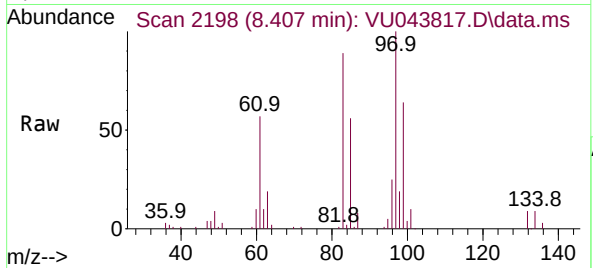




#45
1,1,2-Trichloroethane
Concen: 5.22 ug/L
RT: 8.407 min Scan# 2198
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

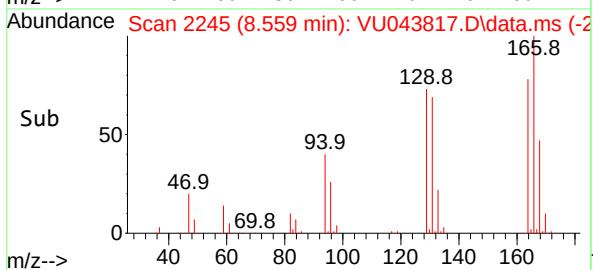
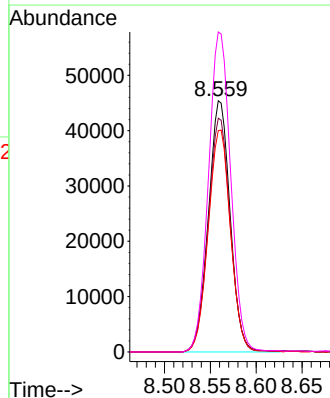
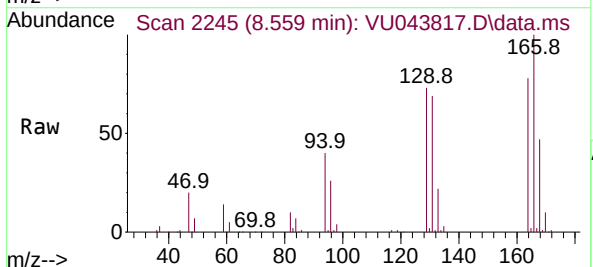
Instrument :
MSVOA_U
ClientSampleId :

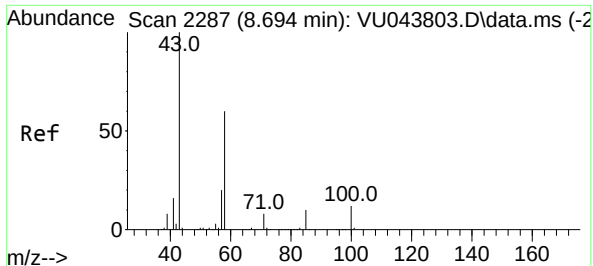
Tgt Ion:	97	Resp:	66030
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.8	81.4
83	88.8	62.5	116.1
85	55.6	40.9	75.9



#47
Tetrachloroethene
Concen: 5.39 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:	164	Resp:	75185
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.1	119.1
131	88.1	61.2	113.8
166	127.4	87.8	163.2

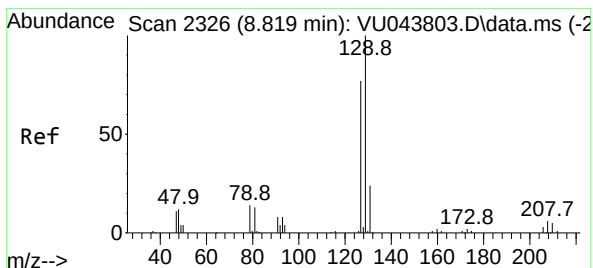
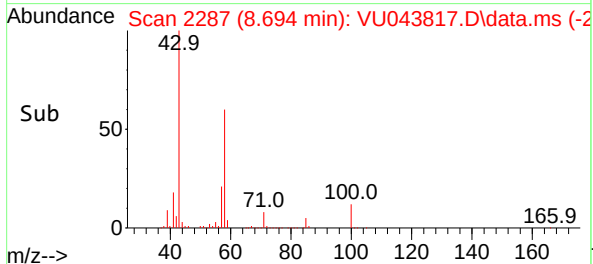
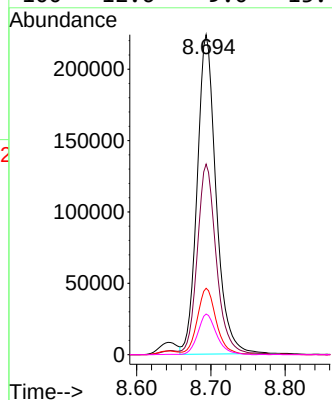
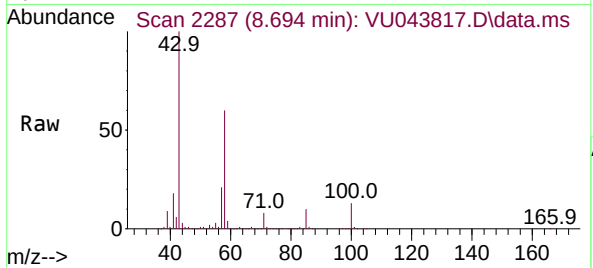




#48
2-Hexanone
Concen: 47.65 ug/L
RT: 8.694 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

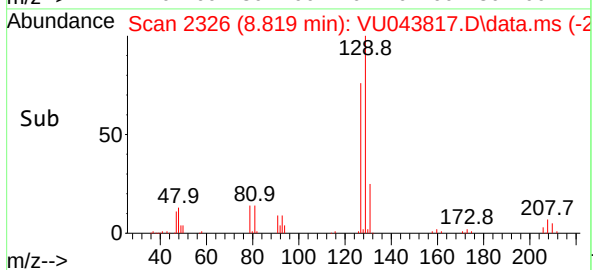
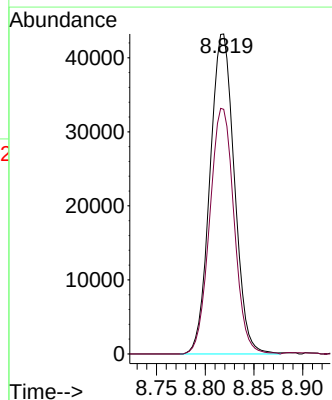
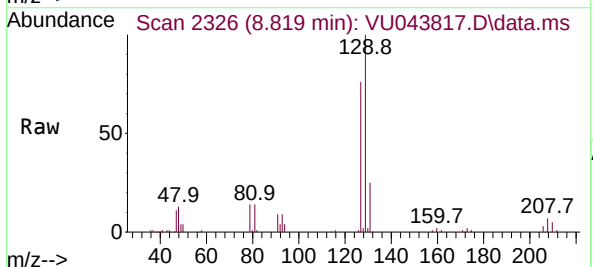
Instrument :
MSVOA_U
ClientSampled :

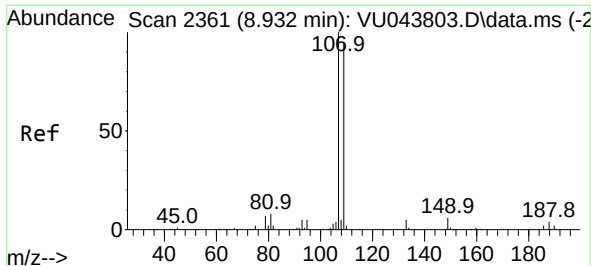
Tgt Ion:	43	Resp:	396499
Ion	Ratio	Lower	Upper
43	100		
58	59.8	47.0	70.4
57	20.9	15.8	23.8
100	12.6	9.0	13.4



#49
Dibromochloromethane
Concen: 5.33 ug/L
RT: 8.819 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:	129	Resp:	75213
Ion	Ratio	Lower	Upper
129	100		
127	76.5	53.4	99.2





#50

1,2-Dibromoethane

Concen: 5.14 ug/L

RT: 8.932 min Scan# 2361

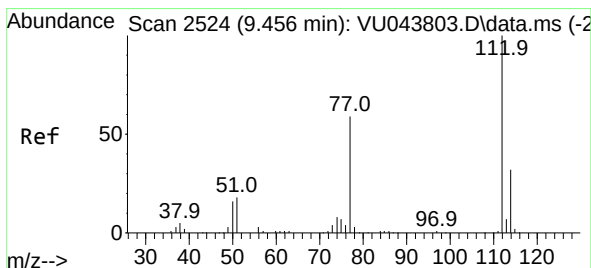
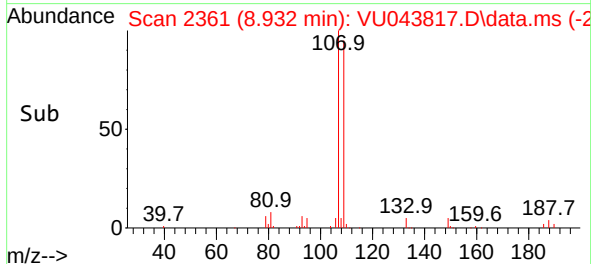
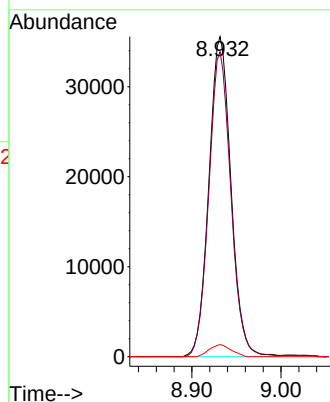
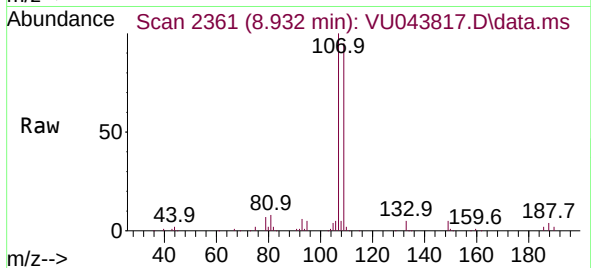
Delta R.T. -0.000 min

Lab File: VU043817.D

Acq: 18 May 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	107	Resp:	61104
Ion	Ratio	Lower	Upper
107	100		
109	95.3	67.7	125.7
188	3.8	3.3	4.9



#51

Chlorobenzene

Concen: 5.35 ug/L

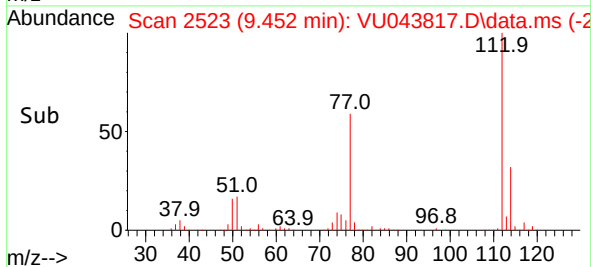
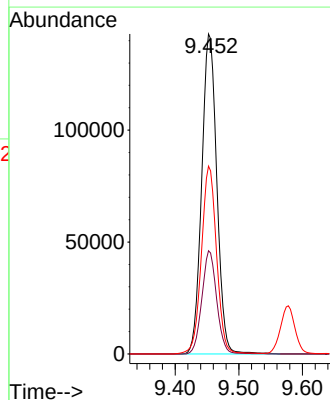
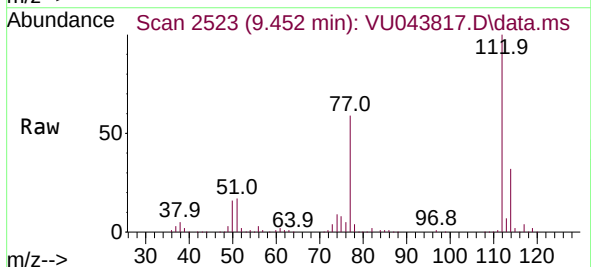
RT: 9.452 min Scan# 2523

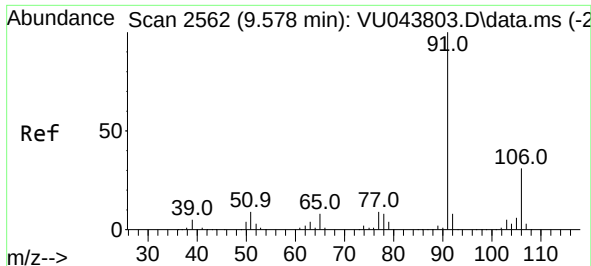
Delta R.T. -0.003 min

Lab File: VU043817.D

Acq: 18 May 2021 16:40

Tgt Ion:	112	Resp:	235917
Ion	Ratio	Lower	Upper
112	100		
114	32.2	22.3	41.5
77	58.7	47.8	71.8

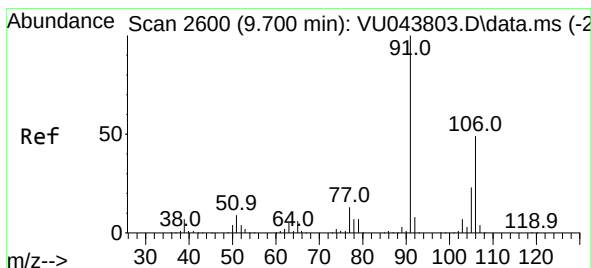
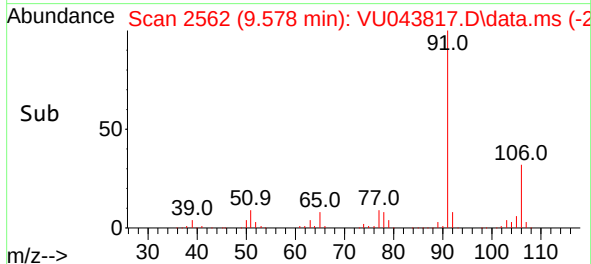
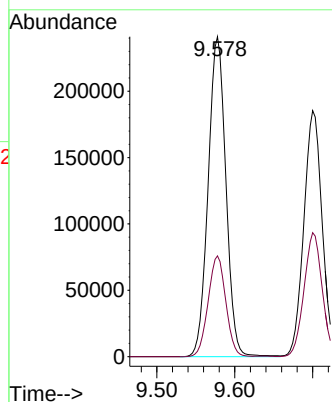
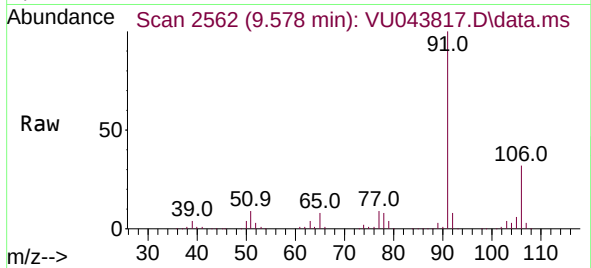




#52
Ethylbenzene
Concen: 5.29 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

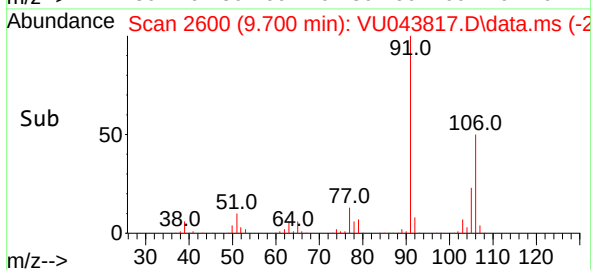
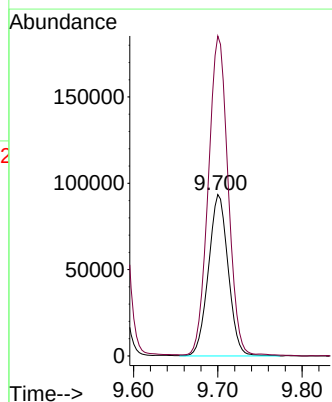
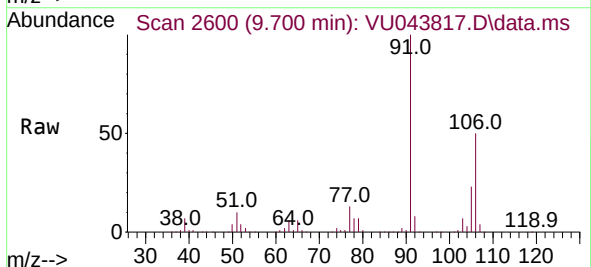
Instrument :
MSVOA_U
ClientSampleId :

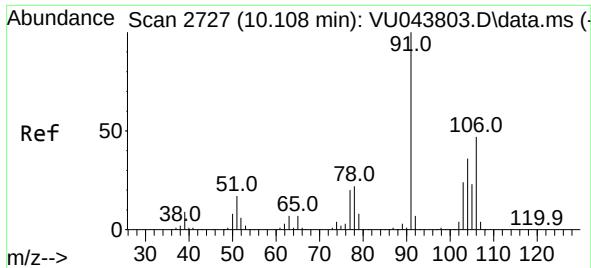
Tgt Ion: 91 Resp: 382068
Ion Ratio Lower Upper
91 100
106 31.5 21.7 40.3



#53
m,p-Xylene
Concen: 5.53 ug/L
RT: 9.700 min Scan# 2600
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 106 Resp: 152113
Ion Ratio Lower Upper
106 100
91 198.3 144.4 268.2

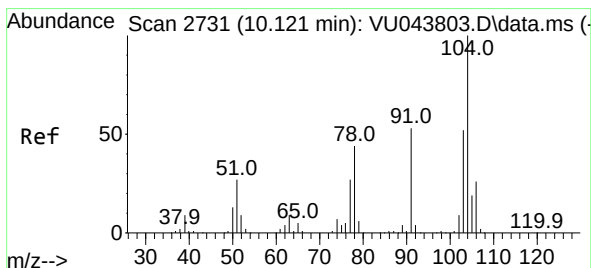
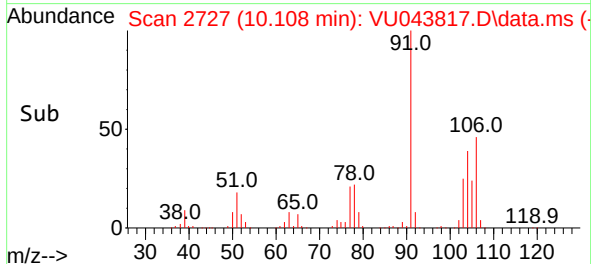
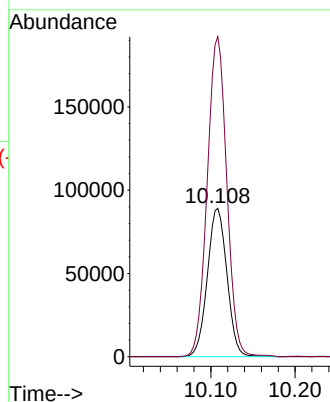
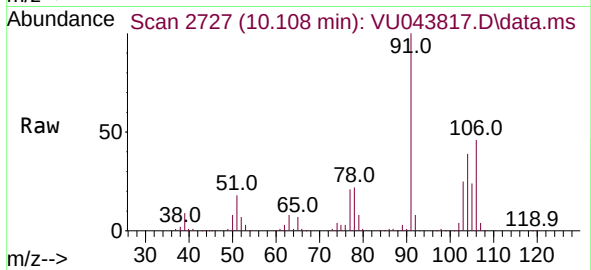




#54
o-Xylene
Concen: 5.49 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

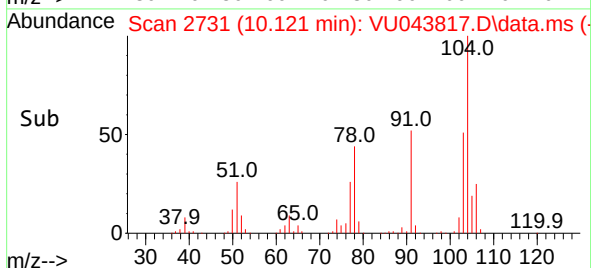
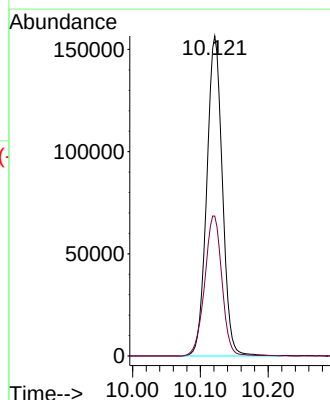
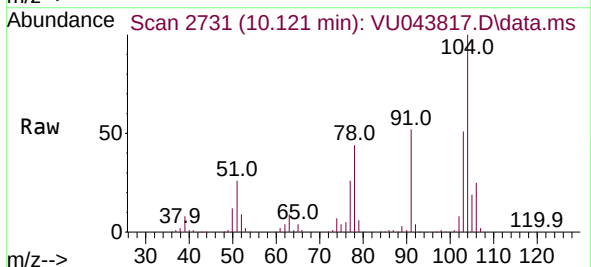
Instrument :
MSVOA_U
ClientSampleId :

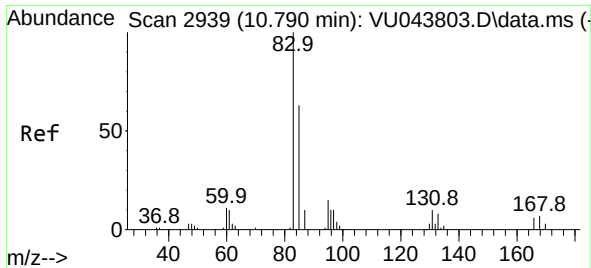
Tgt Ion:106 Resp: 144160
Ion Ratio Lower Upper
106 100
91 215.6 150.8 280.0



#55
Styrene
Concen: 5.66 ug/L
RT: 10.121 min Scan# 2731
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:104 Resp: 250877
Ion Ratio Lower Upper
104 100
78 43.7 31.8 59.0

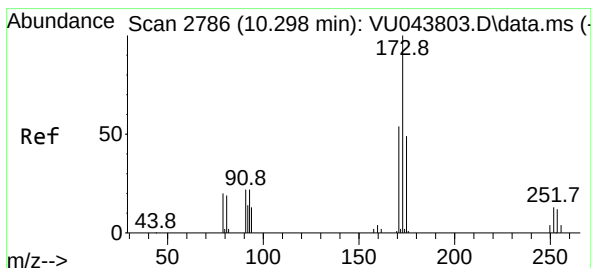
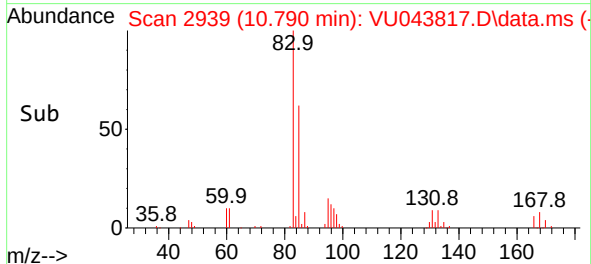
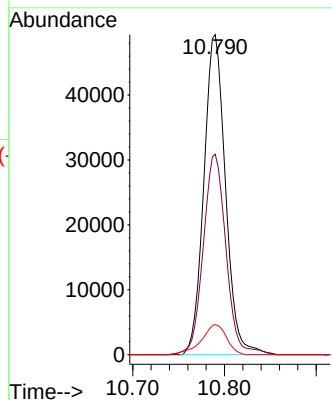
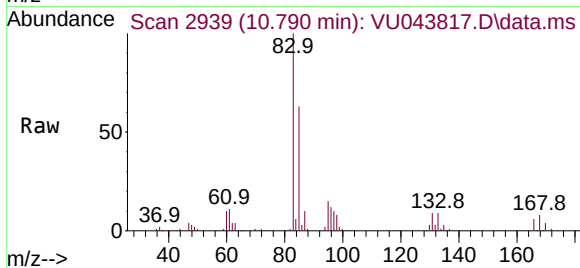




#57
1,1,2,2-Tetrachloroethane
Concen: 5.04 ug/L
RT: 10.790 min Scan# 2939
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

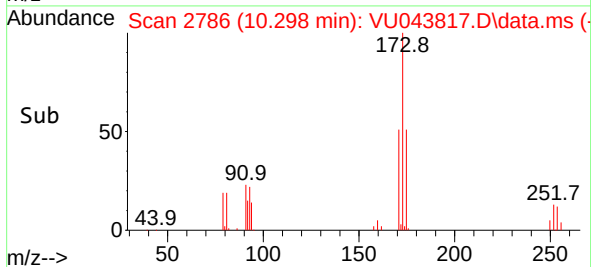
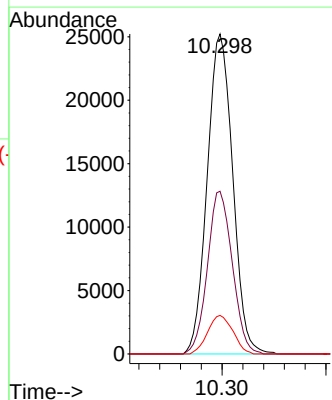
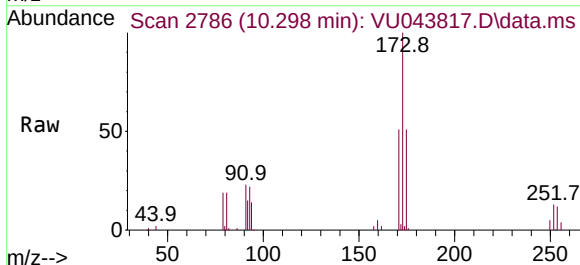
Instrument :
MSVOA_U
ClientSampleId :

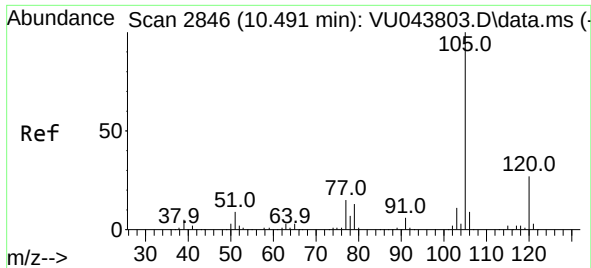
Tgt Ion:	83	Resp:	80913
Ion	Ratio	Lower	Upper
83	100		
85	62.6	45.1	83.7
131	9.4	7.6	11.4



#59
Bromoform
Concen: 5.00 ug/L
RT: 10.298 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:	173	Resp:	42963
Ion	Ratio	Lower	Upper
173	100		
175	49.5	38.8	58.2
254	12.0	9.4	14.2

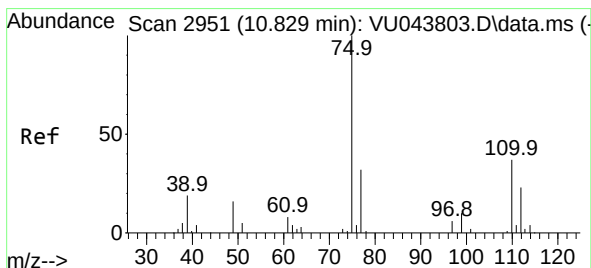
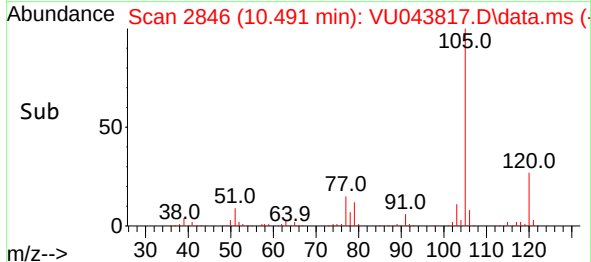
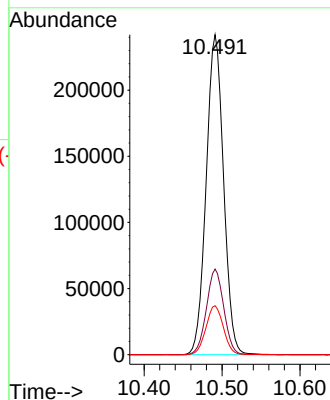
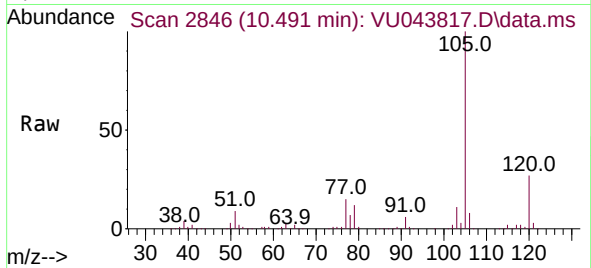




#60
Isopropylbenzene
Concen: 5.35 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

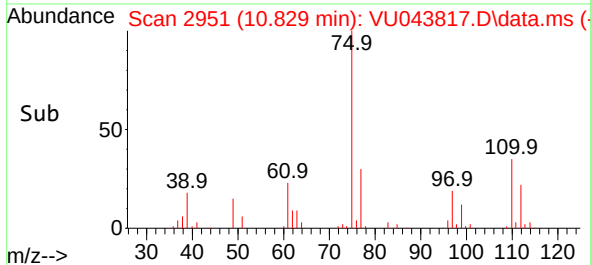
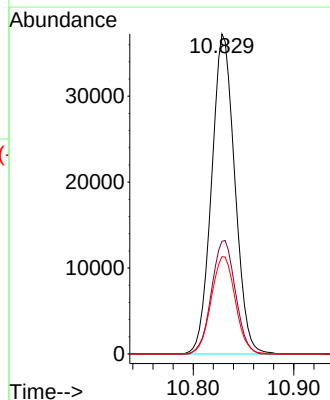
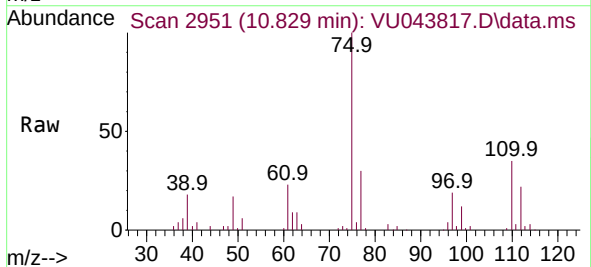
Instrument :
MSVOA_U
ClientSampleId :

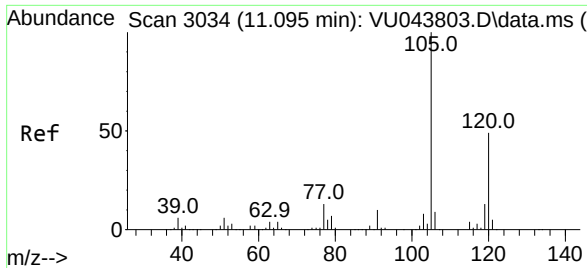
Tgt Ion:105 Resp: 374587
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.4 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.89 ug/L
RT: 10.829 min Scan# 2951
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 75 Resp: 59597
Ion Ratio Lower Upper
75 100
110 36.4 27.9 41.9
77 31.7 25.9 38.9

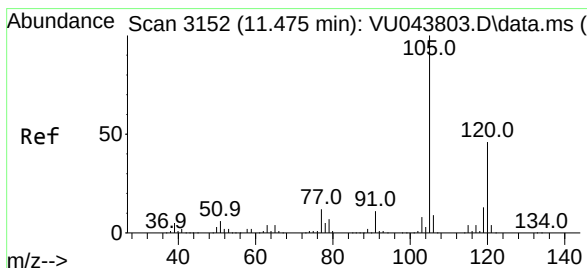
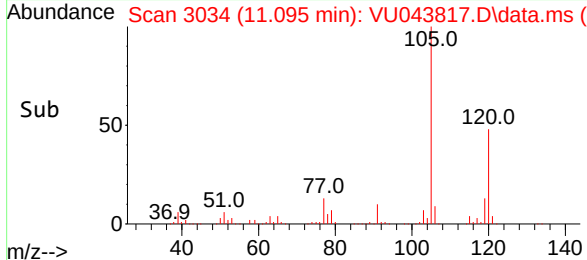
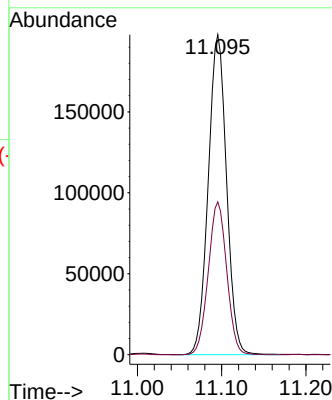
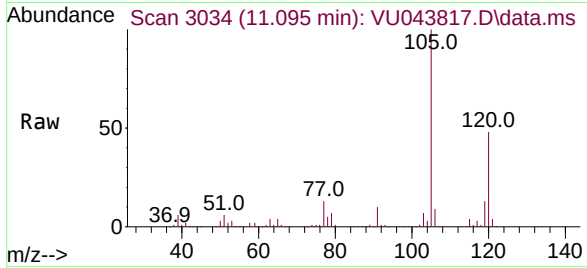




#62
1,3,5-Trimethylbenzene
Concen: 5.30 ug/L
RT: 11.095 min Scan# 3034
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

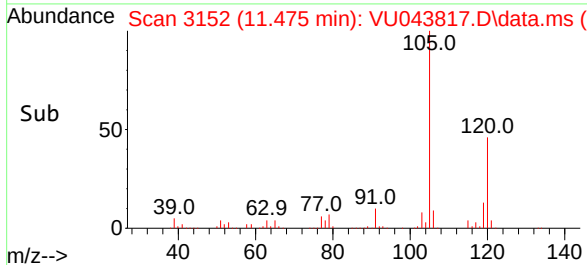
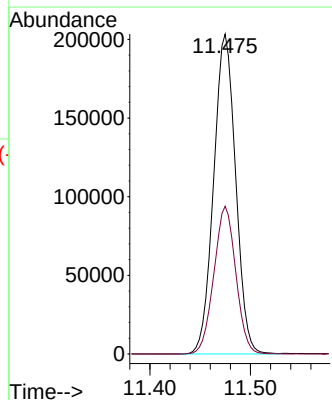
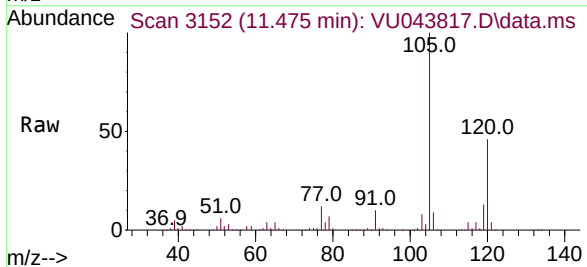
Instrument :
MSVOA_U
ClientSampleId :

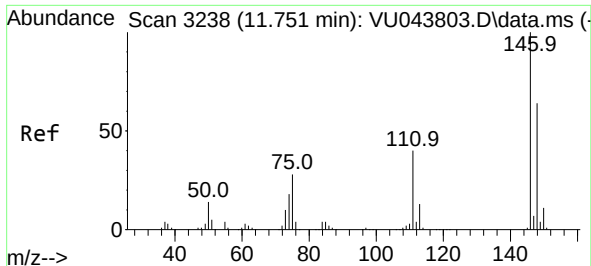
Tgt Ion:105 Resp: 298654
Ion Ratio Lower Upper
105 100
120 48.0 38.9 58.3



#63
1,2,4-Trimethylbenzene
Concen: 5.35 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:105 Resp: 309029
Ion Ratio Lower Upper
105 100
120 46.0 36.0 54.0

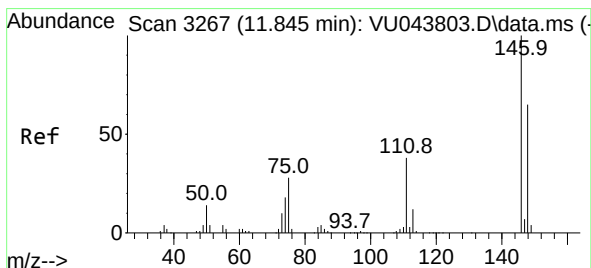
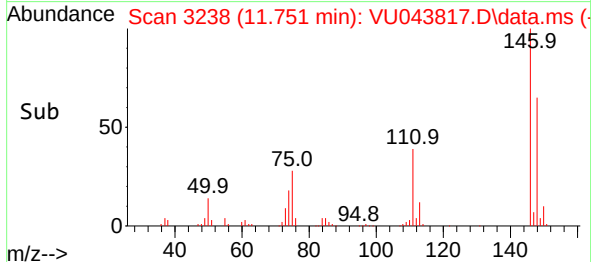
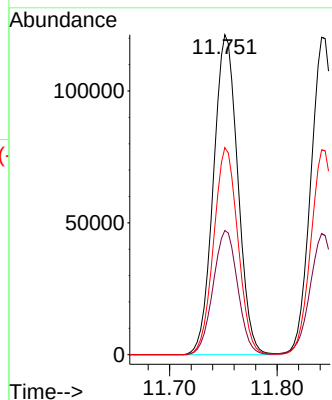
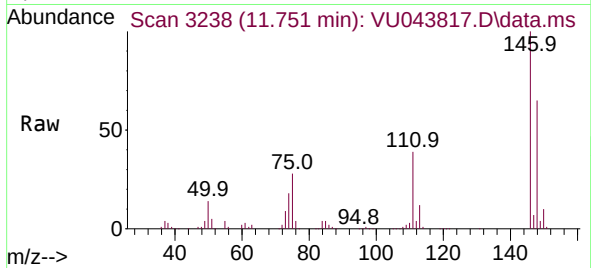




#64
1,3-Dichlorobenzene
Concen: 5.30 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

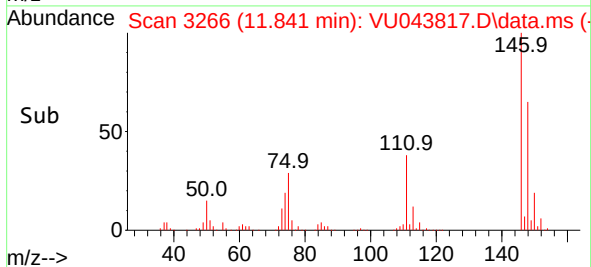
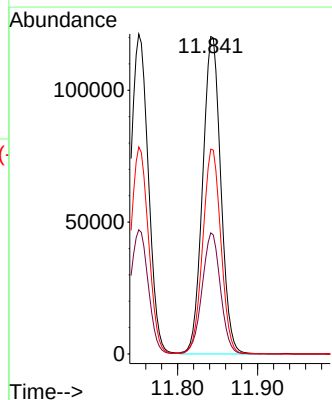
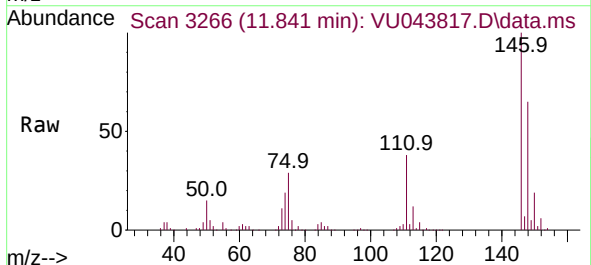
Instrument :
MSVOA_U
ClientSampled :

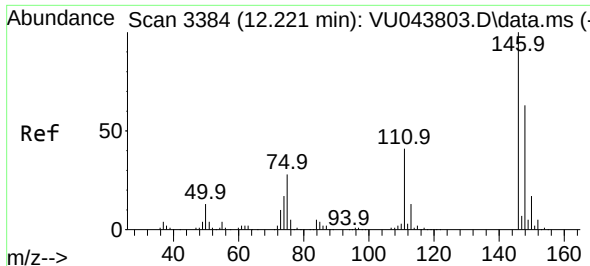
Tgt Ion:146 Resp: 191296
Ion Ratio Lower Upper
146 100
111 38.8 28.1 52.1
148 64.7 45.6 84.6



#65
1,4-Dichlorobenzene
Concen: 5.25 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:146 Resp: 190287
Ion Ratio Lower Upper
146 100
111 38.1 27.0 50.2
148 64.5 45.0 83.6

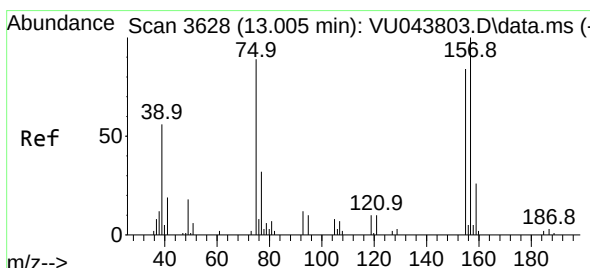
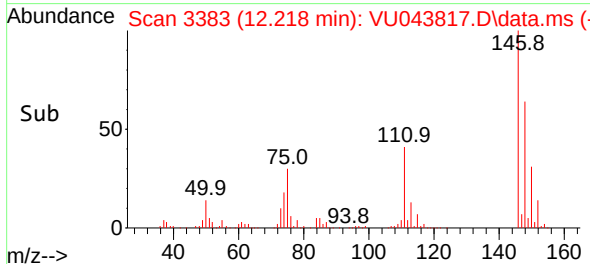
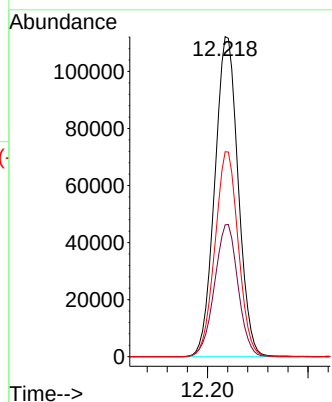
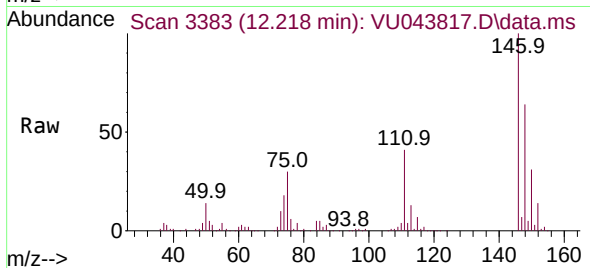




#67
1,2-Dichlorobenzene
Concen: 5.23 ug/L
RT: 12.218 min Scan# 3383
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

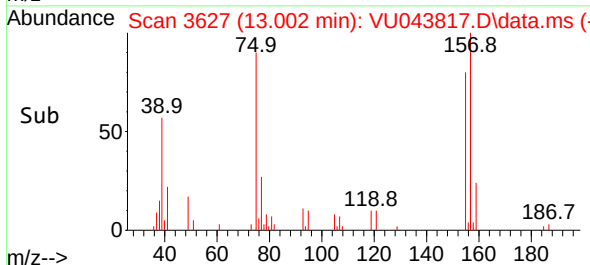
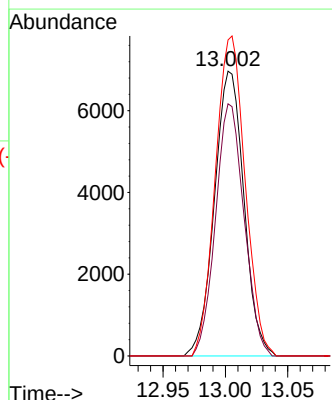
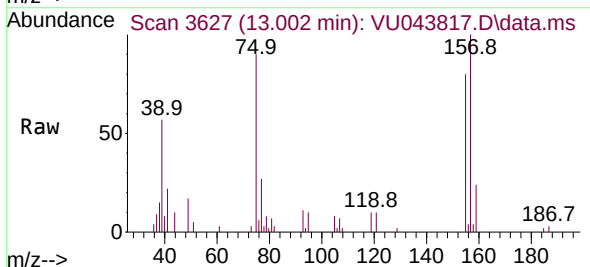
Instrument :
MSVOA_U
ClientSampleId :

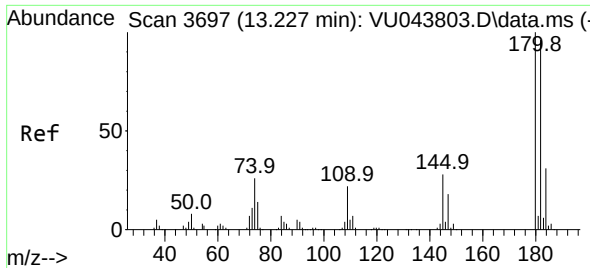
Tgt Ion:146 Resp: 181385
Ion Ratio Lower Upper
146 100
111 41.2 33.6 50.4
148 64.0 50.2 75.2



#68
1,2-Dibromo-3-chloropropane
Concen: 4.59 ug/L
RT: 13.002 min Scan# 3627
Delta R.T. -0.003 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion: 75 Resp: 11476
Ion Ratio Lower Upper
75 100
155 88.6 68.7 103.1
157 111.0 87.7 131.5

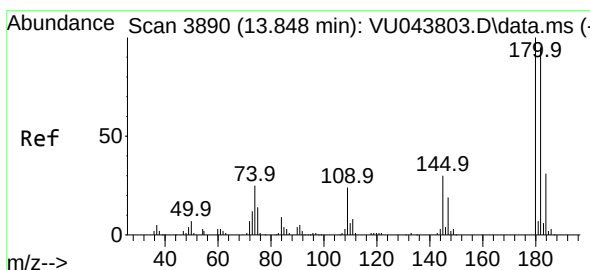
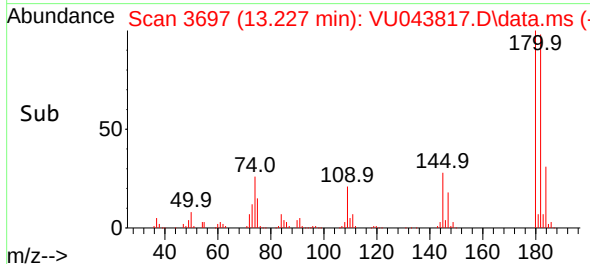
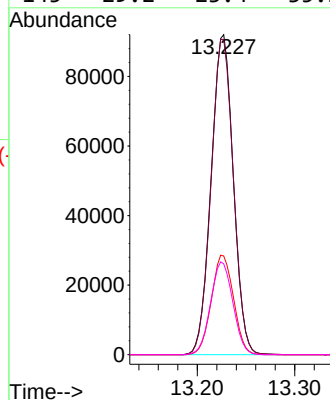
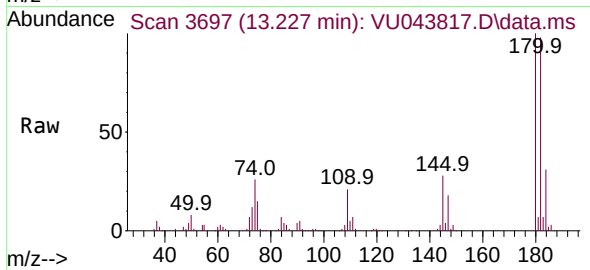




#69
1,3,5-Trichlorobenzene
Concen: 5.05 ug/L
RT: 13.227 min Scan# 3697
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

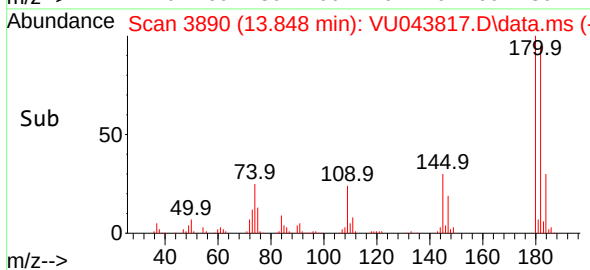
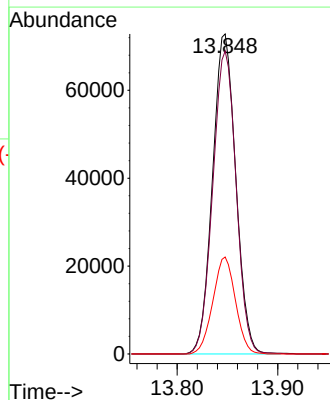
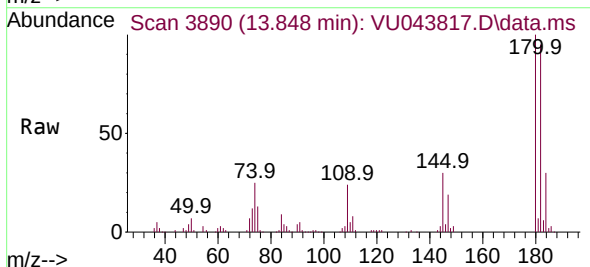
Instrument :
MSVOA_U
ClientSampleId :

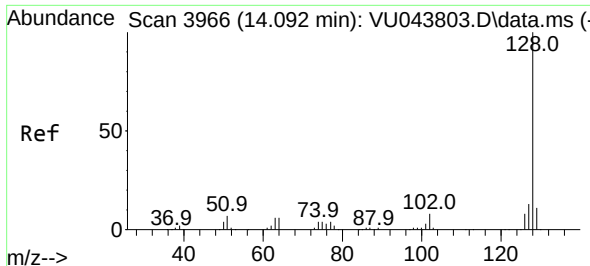
Tgt Ion:	180	Resp:	145545
Ion Ratio	Lower	Upper	
180	100		
182	99.2	78.2	117.2
184	31.1	24.8	37.2
145	29.2	23.4	35.2



#70
1,2,4-trichlorobenzene
Concen: 4.94 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:	180	Resp:	117144
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.9	115.3
145	29.4	23.0	34.4

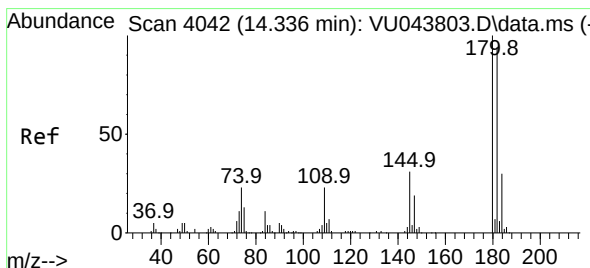
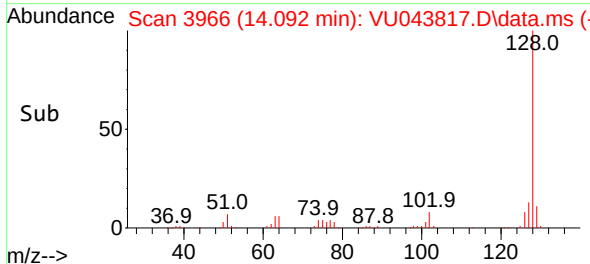
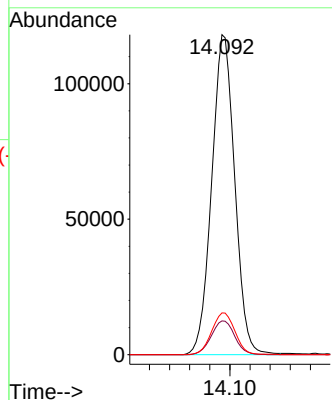
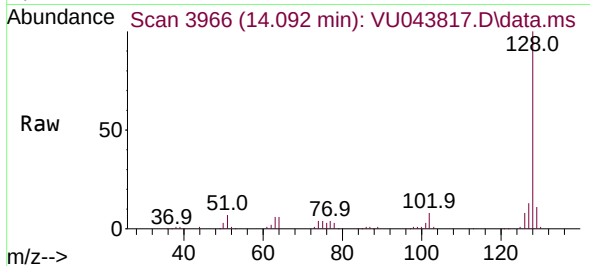




#71
Naphthalene
Concen: 4.49 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 187550
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.02 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. -0.000 min
Lab File: VU043817.D
Acq: 18 May 2021 16:40

Tgt Ion:180 Resp: 112869
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.4
145 31.0 24.6 36.8

