

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101921\
 Data File : VU045337.D
 Acq On : 19 Oct 2021 18:19
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 20 03:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	301006	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	310945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	161114	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57889	44.148	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.300%
7) Chloroethane-d5	1.874	69	22229	17.740	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.480%#
11) 1,1-Dichloroethene-d2	2.555	63	119673	45.836	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.680%
21) 2-Butanone-d5	4.629	46	204886	104.680	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.680%
24) Chloroform-d	5.067	84	168860	48.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.840%
26) 1,2-Dichloroethane-d4	5.703	65	114142	47.883	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.760%
32) Benzene-d6	5.726	84	272177	46.538	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.080%
36) 1,2-Dichloropropane-d6	6.694	67	106603	46.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.780%
41) Toluene-d8	7.899	98	229065	45.919	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
43) trans-1,3-Dichloroprop...	8.182	79	55941	48.476	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.960%
47) 2-Hexanone-d5	8.639	63	173817	121.852	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.850%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	246195	57.283	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	114.560%
66) 1,2-Dichlorobenzene-d4	12.198	152	143270	51.253	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	98628	44.946	ug/L	98
3) Chloromethane	1.520	50	112350	45.245	ug/L	99
5) Vinyl chloride	1.604	62	121801	44.346	ug/L	99
6) Bromomethane	1.826	94	30870	21.240	ug/L	100
8) Chloroethane	1.896	64	47975	27.807	ug/L	98
9) Trichlorofluoromethane	2.108	101	142568	42.674	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	96376	45.388	ug/L	99
12) 1,1-Dichloroethene	2.565	96	88561	45.242	ug/L	99
13) Acetone	2.636	43	155612	68.283	ug/L	99
14) Carbon disulfide	2.780	76	236060	43.871	ug/L	99
15) Methyl Acetate	2.951	43	138787	49.115	ug/L	99
16) Methylene chloride	3.041	84	117048	46.427	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	94191	44.855	ug/L	97
18) Methyl tert-butyl Ether	3.369	73	359297	49.065	ug/L	99
19) 1,1-Dichloroethane	3.867	63	202212	47.058	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	114481	47.590	ug/L	98
22) 2-Butanone	4.710	43	217616	86.590	ug/L	100
23) Bromochloromethane	4.977	128	54630	46.114	ug/L	96
25) Chloroform	5.089	83	205368	46.950	ug/L	99

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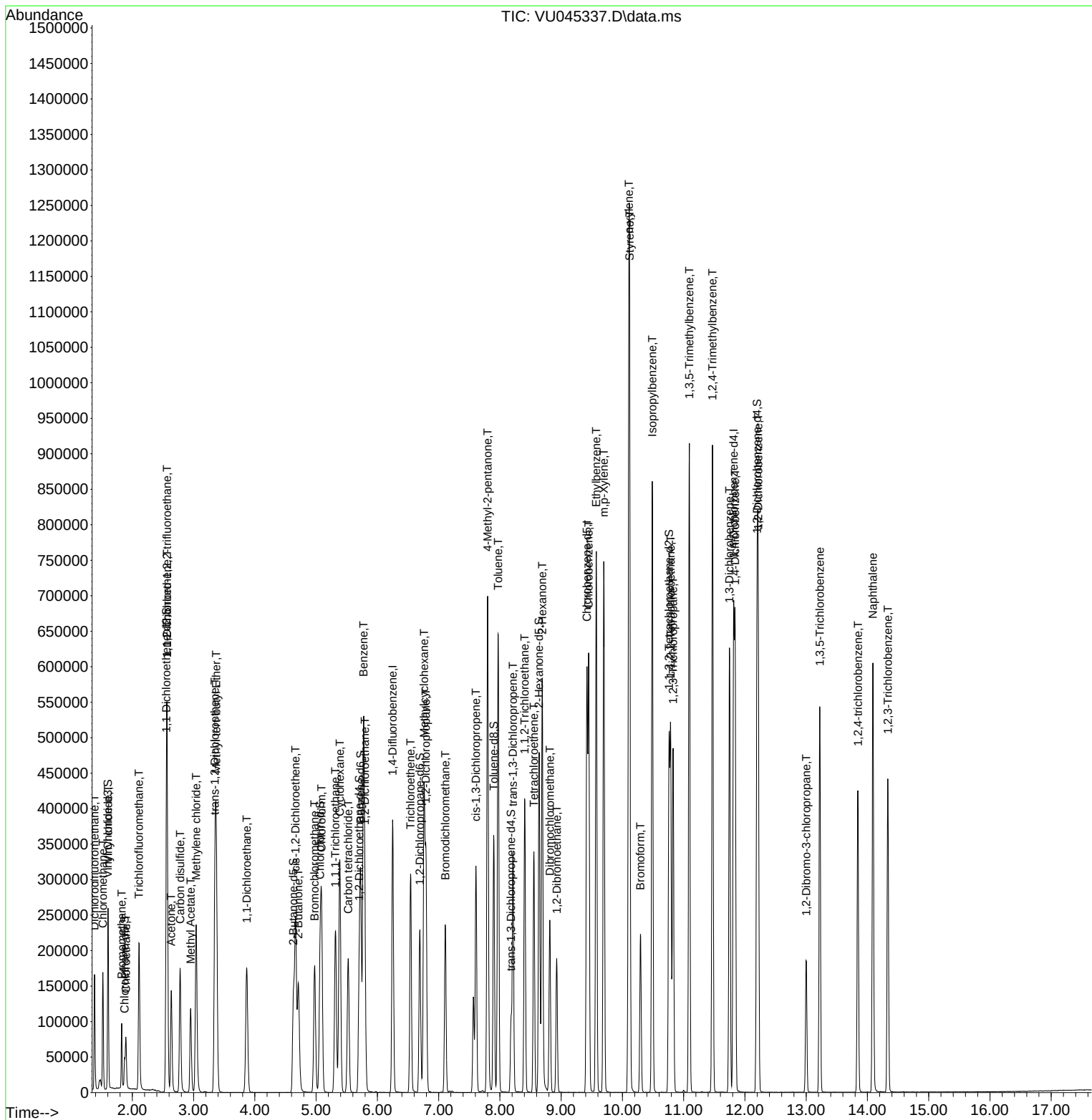
Instrument :
 MSVOA_U
 ClientSampleId :

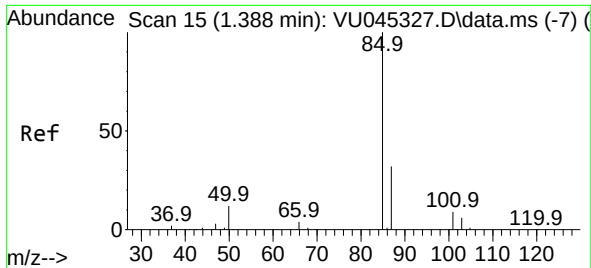
Quant Time: Oct 20 03:10:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 20 02:57:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	166672	47.707	ug/L	100
29) Cyclohexane	5.388	56	169414	45.884	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	163895	44.673	ug/L	99
31) Carbon tetrachloride	5.523	117	124184	43.835	ug/L	100
33) Benzene	5.774	78	448368	46.318	ug/L	100
34) Trichloroethene	6.542	95	105254	44.095	ug/L	99
35) Methylcyclohexane	6.764	83	167623	44.706	ug/L	99
37) 1,2-Dichloropropane	6.793	63	122513	46.533	ug/L	100
38) Bromodichloromethane	7.108	83	153336	45.027	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	182346	46.261	ug/L	98
40) 4-Methyl-2-pentanone	7.800	43	448647	111.734	ug/L	100
42) Toluene	7.973	91	465556	46.102	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	180795	47.969	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	126289	50.048	ug/L	99
46) Tetrachloroethene	8.555	164	71262	43.093	ug/L	99
48) 2-Hexanone	8.690	43	366652	108.164	ug/L	100
49) Dibromochloromethane	8.816	129	120853	49.172	ug/L	100
50) 1,2-Dibromoethane	8.928	107	125765	48.407	ug/L	100
51) Chlorobenzene	9.449	112	306777	47.964	ug/L	99
52) Ethylbenzene	9.574	91	523999	47.815	ug/L	99
53) m,p-Xylene	9.697	106	203380	48.850	ug/L	99
54) o-xylene	10.105	106	210640	50.426	ug/L	99
55) Styrene	10.118	104	374876	53.028	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.787	83	250777	56.254	ug/L	98
59) Bromoform	10.295	173	94331	53.409	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	203022	54.878	ug/L	99
61) Isopropylbenzene	10.488	105	548108	49.820	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	478652	52.587	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	486388	52.780	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	244486	49.076	ug/L	99
65) 1,4-Dichlorobenzene	11.841	146	239851	47.465	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	247146	49.076	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	48772	47.343	ug/L	97
69) 1,3,5-Trichlorobenzene	13.224	180	157237	45.867	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	125128	43.543	ug/L	100
71) Naphthalene	14.089	128	456101	47.483	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	129005	44.936	ug/L	99

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

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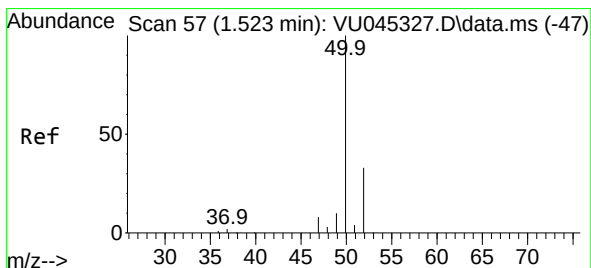
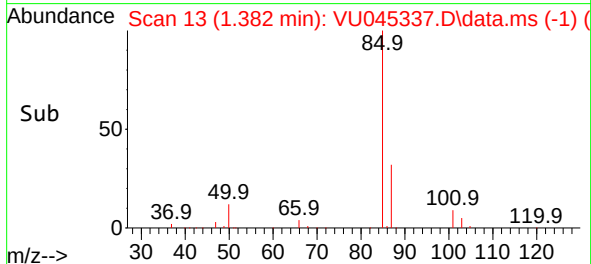
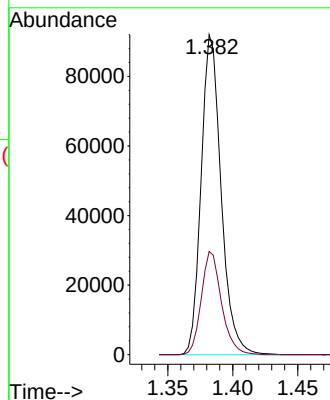
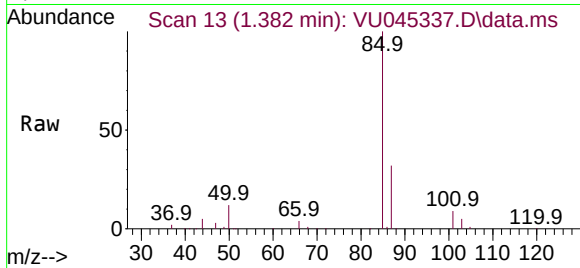




#2
Dichlorodifluoromethane
Concen: 44.946 ug/L
RT: 1.382 min Scan# 13
Delta R.T. -0.007 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

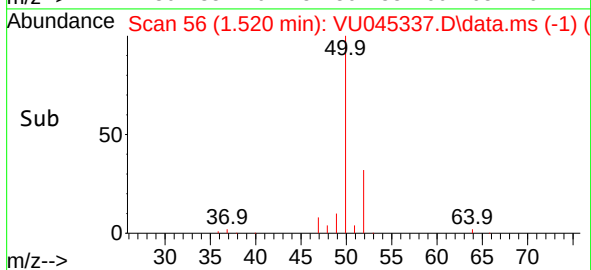
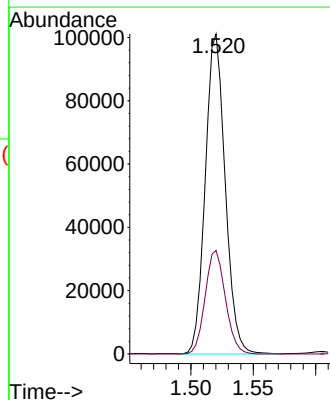
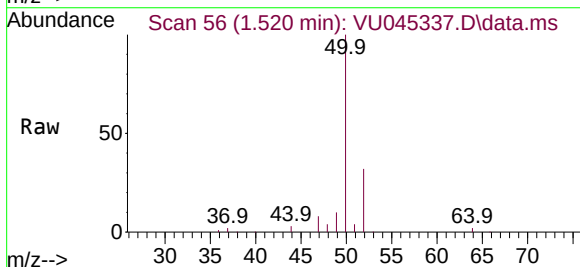
Instrument :
MSVOA_U
ClientSampleId :

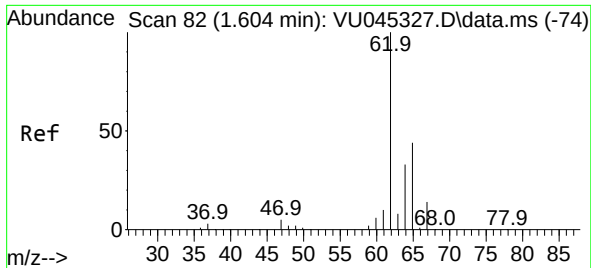
Tgt Ion: 85 Resp: 98628
Ion Ratio Lower Upper
85 100
87 32.5 25.3 37.9



#3
Chloromethane
Concen: 45.245 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 50 Resp: 112350
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.0

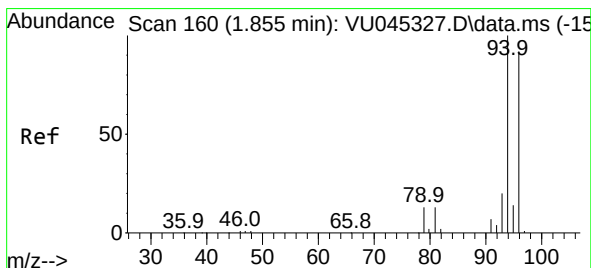
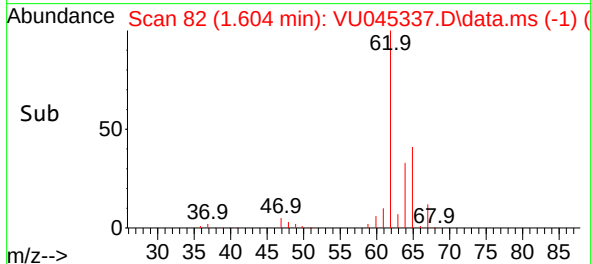
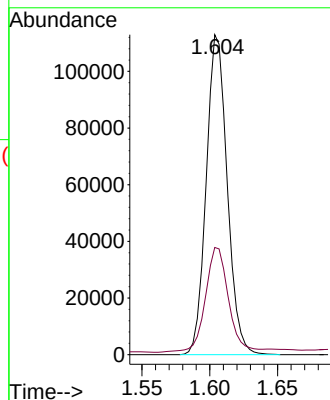
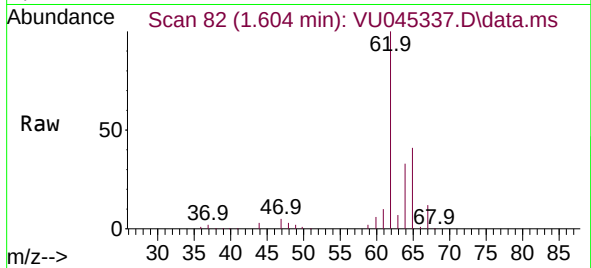




#5
 Vinyl chloride
 Concen: 44.346 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. -0.000 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

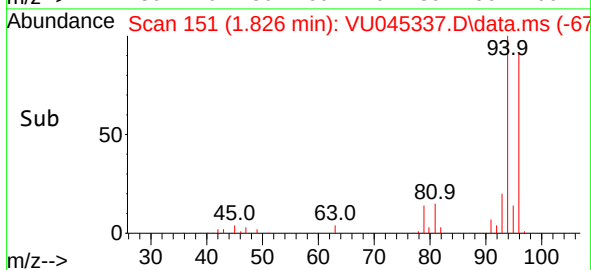
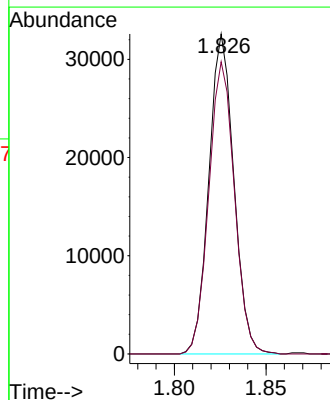
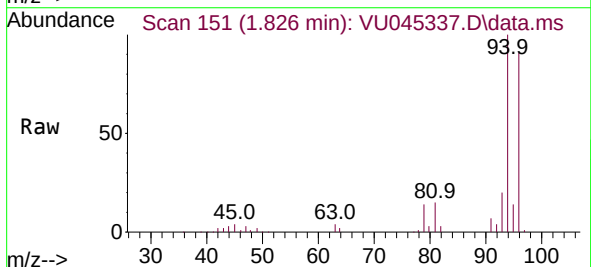
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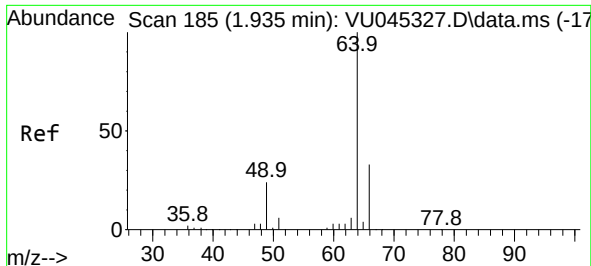
Tgt Ion: 62 Resp: 121801
 Ion Ratio Lower Upper
 62 100
 64 33.5 23.9 44.3



#6
 Bromomethane
 Concen: 21.240 ug/L
 RT: 1.826 min Scan# 151
 Delta R.T. -0.029 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

Tgt Ion: 94 Resp: 30870
 Ion Ratio Lower Upper
 94 100
 96 91.3 64.1 119.1

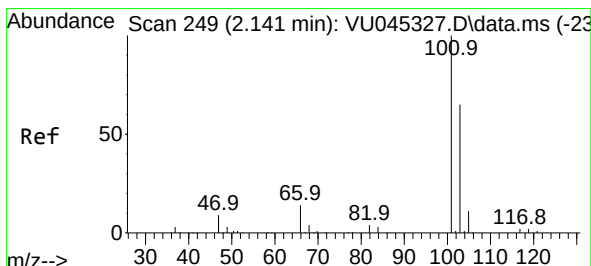
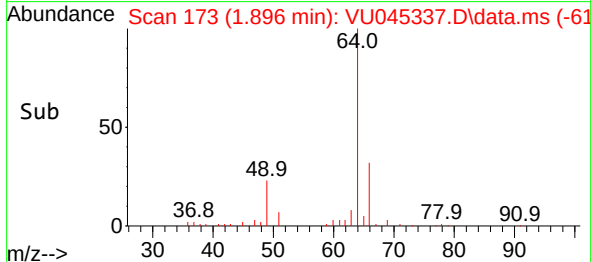
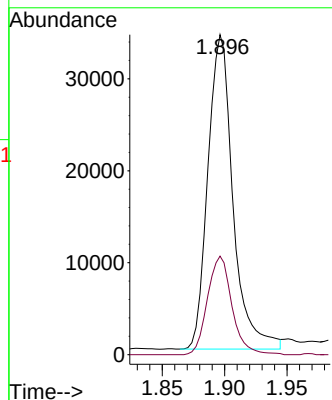
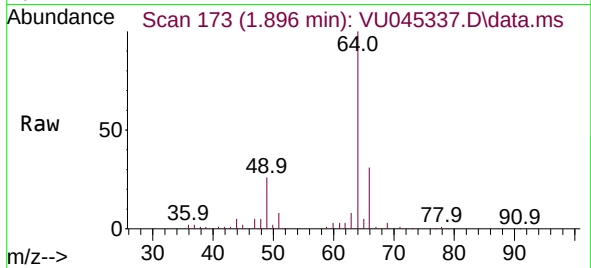




#8
Chloroethane
Concen: 27.807 ug/L
RT: 1.896 min Scan# 173
Delta R.T. -0.039 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

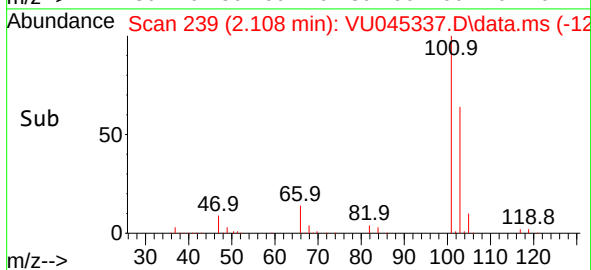
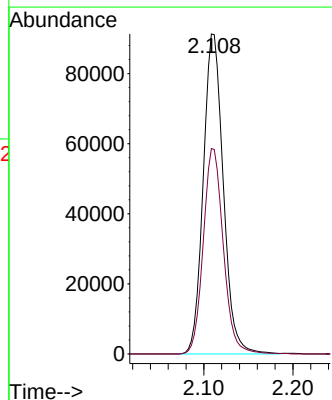
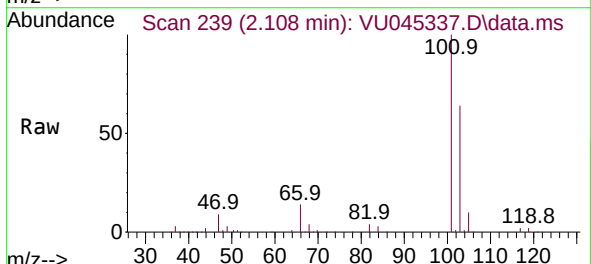
Instrument :
MSVOA_U
ClientSampled :

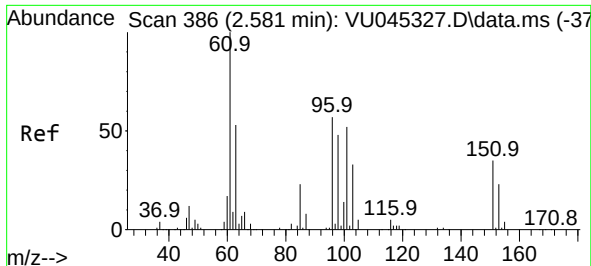
Tgt Ion: 64 Resp: 47975
Ion Ratio Lower Upper
64 100
66 30.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 42.674 ug/L
RT: 2.108 min Scan# 239
Delta R.T. -0.032 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:101 Resp: 142568
Ion Ratio Lower Upper
101 100
103 64.3 50.8 76.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 45.388 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion:101 Resp: 96376

Ion Ratio Lower Upper

101 100

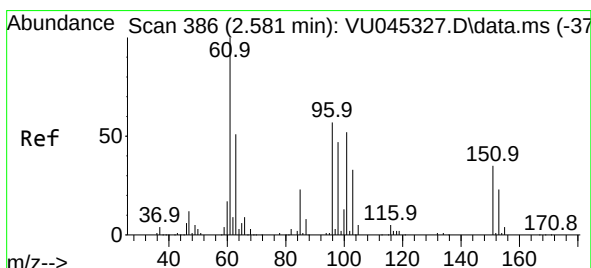
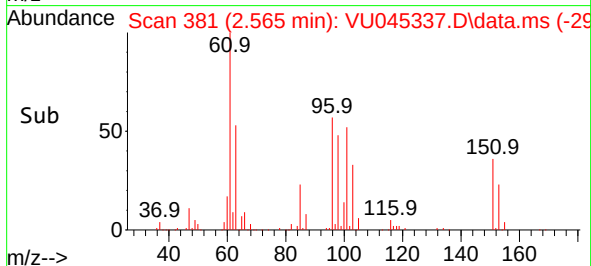
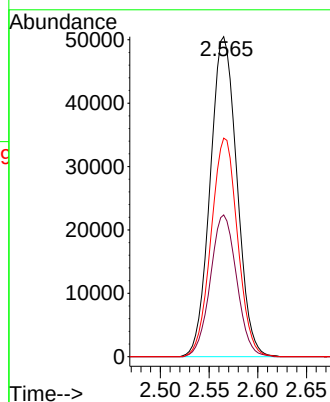
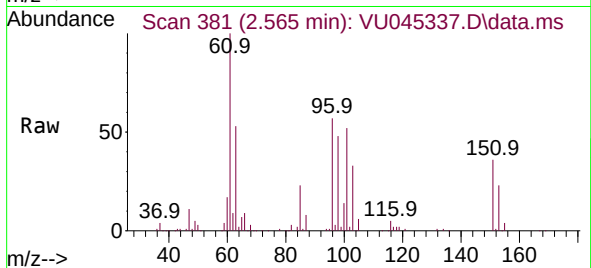
85 43.5 35.2 52.8

151 67.8 53.9 80.9

Instrument :

MSVOA_U

ClientSampleId :



#12

1,1-Dichloroethene

Concen: 45.242 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

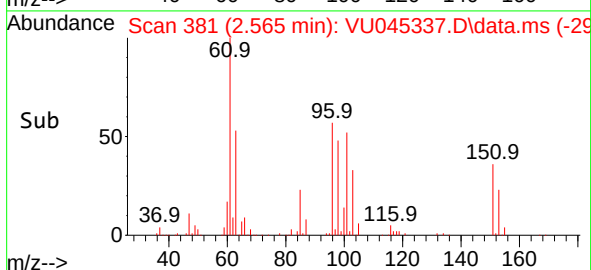
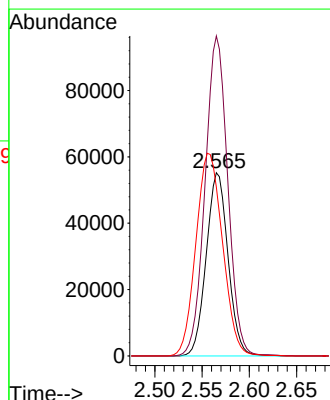
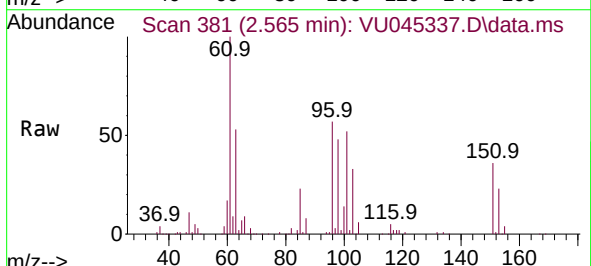
Tgt Ion: 96 Resp: 88561

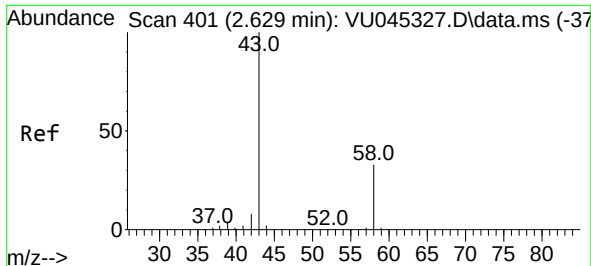
Ion Ratio Lower Upper

96 100

61 174.6 122.9 228.3

63 92.1 65.3 121.3

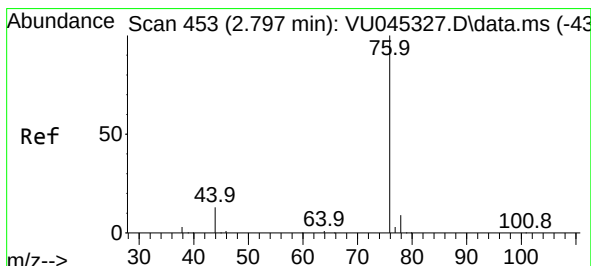
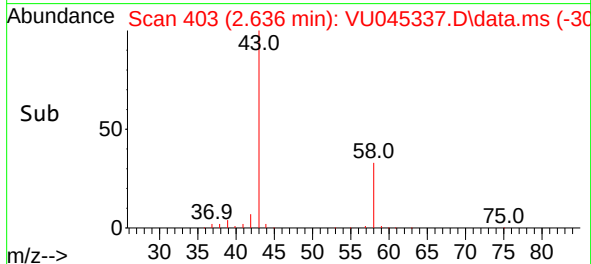
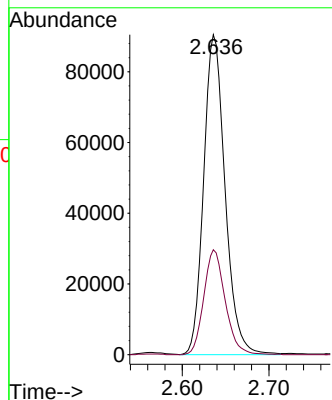
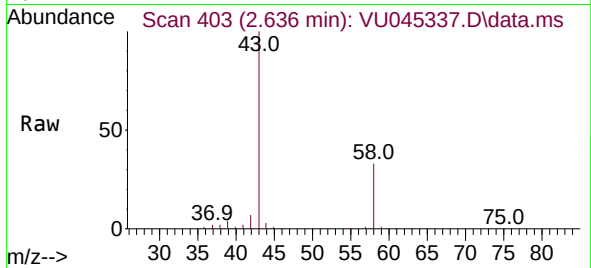




#13
Acetone
Concen: 68.283 ug/L
RT: 2.636 min Scan# 403
Delta R.T. 0.006 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

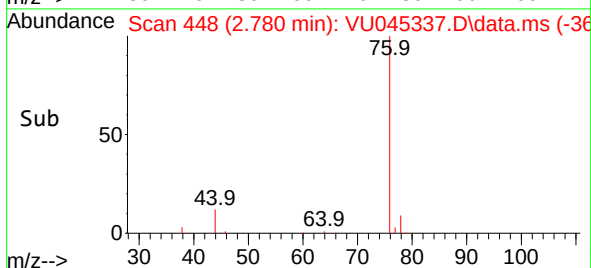
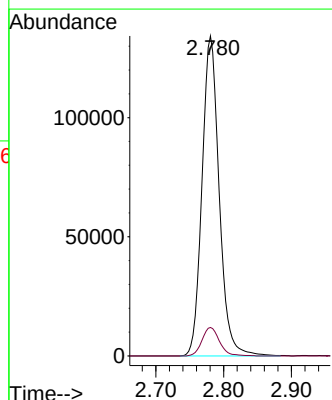
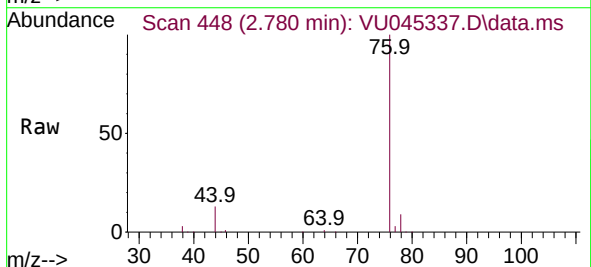
Instrument :
MSVOA_U
ClientSampled :

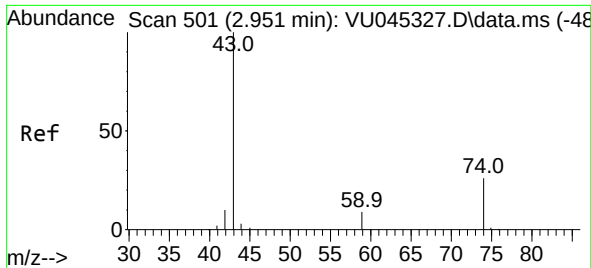
Tgt Ion: 43 Resp: 155612
Ion Ratio Lower Upper
43 100
58 32.7 0.0 64.8



#14
Carbon disulfide
Concen: 43.871 ug/L
RT: 2.780 min Scan# 448
Delta R.T. -0.016 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 76 Resp: 236060
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0

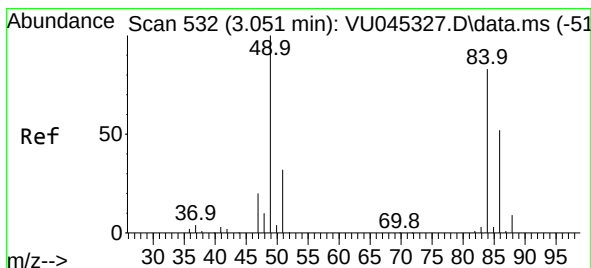
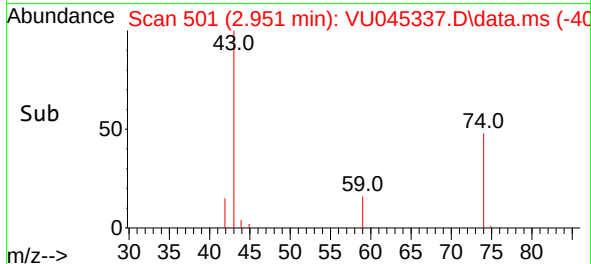
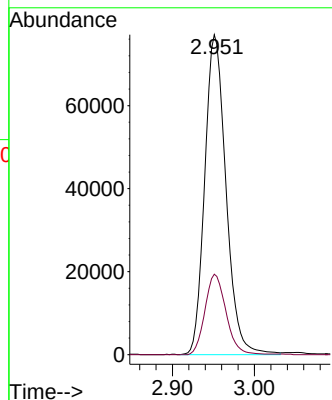
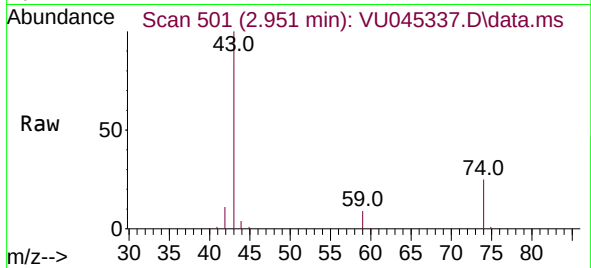




#15
Methyl Acetate
Concen: 49.115 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

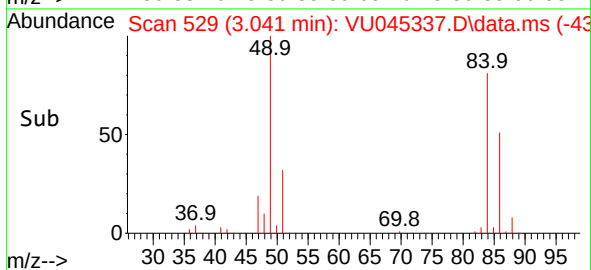
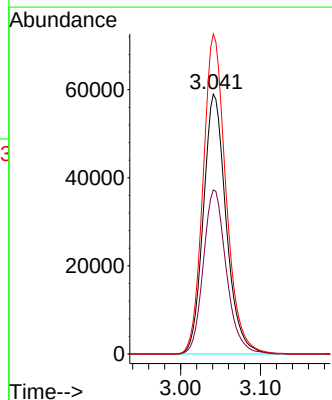
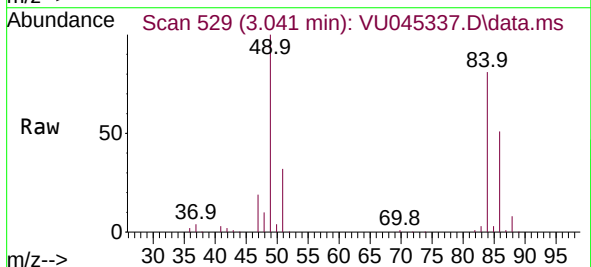
Instrument :
MSVOA_U
ClientSampleId :

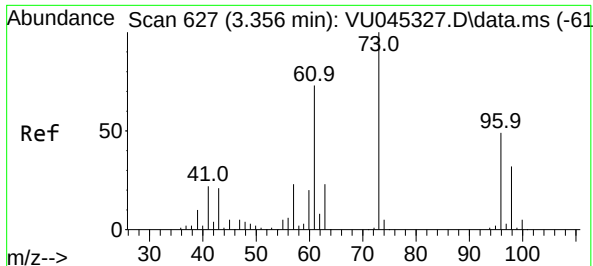
Tgt Ion: 43 Resp: 138787
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7



#16
Methylene chloride
Concen: 46.427 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.010 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 84 Resp: 117048
Ion Ratio Lower Upper
84 100
86 63.1 44.1 81.9
49 123.2 84.2 156.4



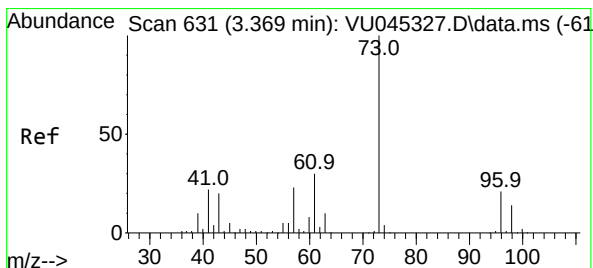
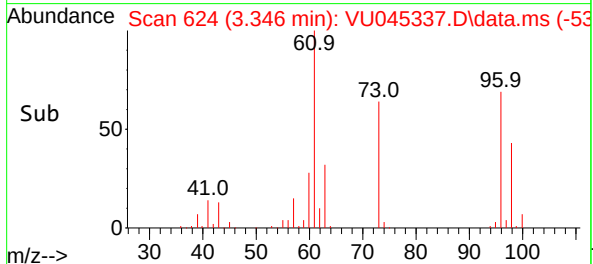
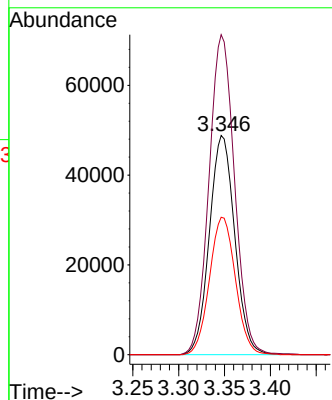
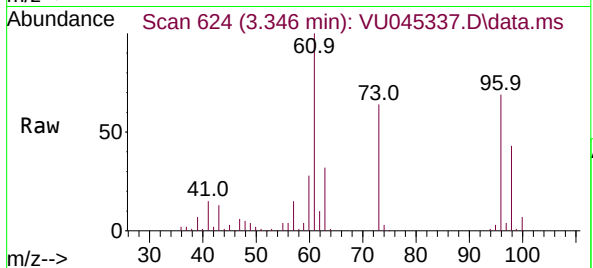


#17

trans-1,2-Dichloroethene
Concen: 44.855 ug/L
RT: 3.346 min Scan# 624
Delta R.T. -0.010 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :

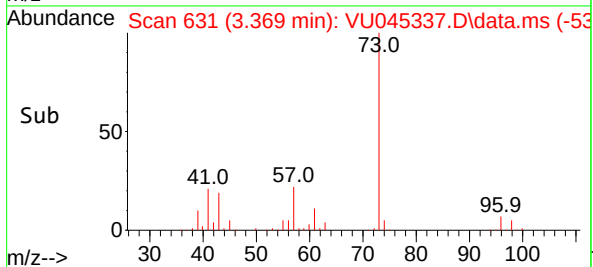
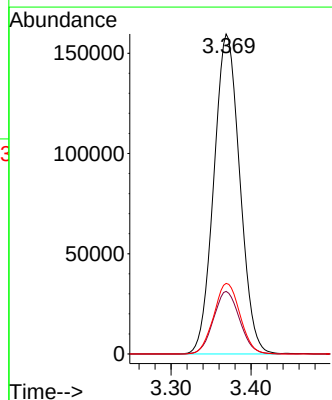
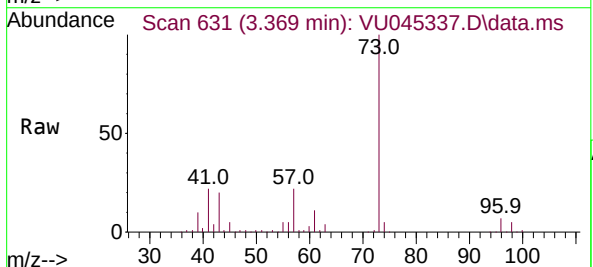
Tgt Ion: 96 Resp: 94191
Ion Ratio Lower Upper
96 100
61 145.9 104.7 194.4
98 62.7 45.8 85.2

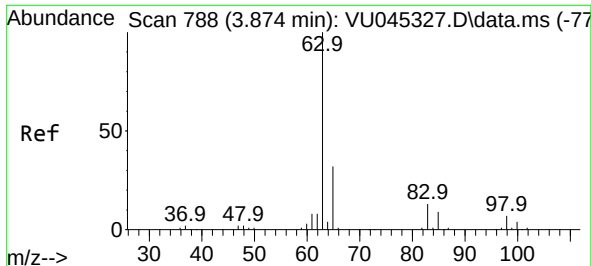


#18

Methyl tert-butyl Ether
Concen: 49.065 ug/L
RT: 3.369 min Scan# 631
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 73 Resp: 359297
Ion Ratio Lower Upper
73 100
43 19.8 16.2 24.4
57 22.3 17.9 26.9





#19

1,1-Dichloroethane

Concen: 47.058 ug/L

RT: 3.867 min Scan# 786

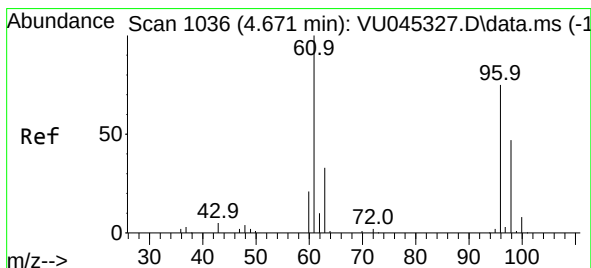
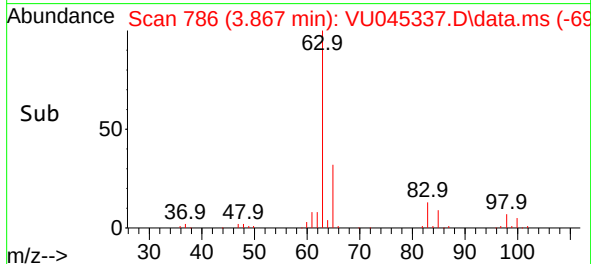
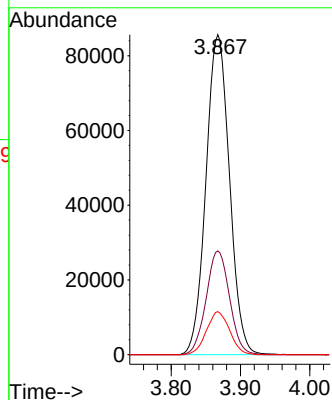
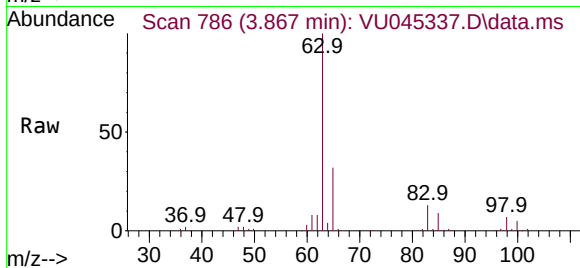
Delta R.T. -0.007 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion: 63 Resp: 202212

Ion	Ratio	Lower	Upper
63	100		
65	32.5	22.5	41.9
83	13.5	8.9	16.5



#20

cis-1,2-Dichloroethene

Concen: 47.590 ug/L

RT: 4.665 min Scan# 1034

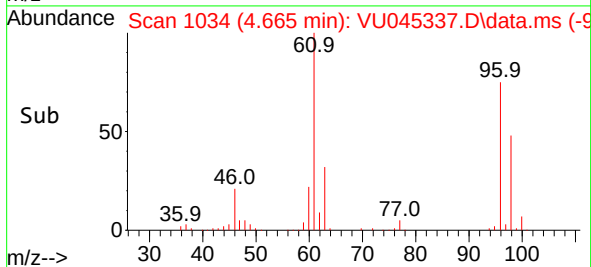
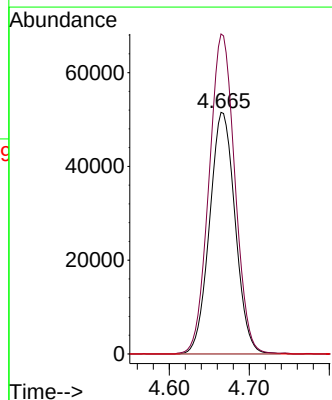
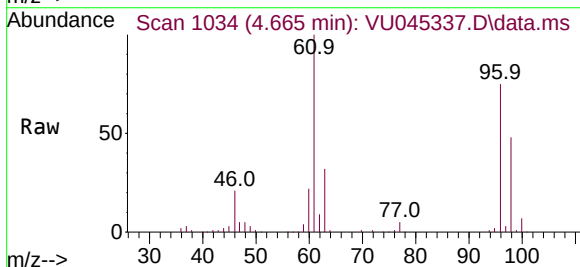
Delta R.T. -0.007 min

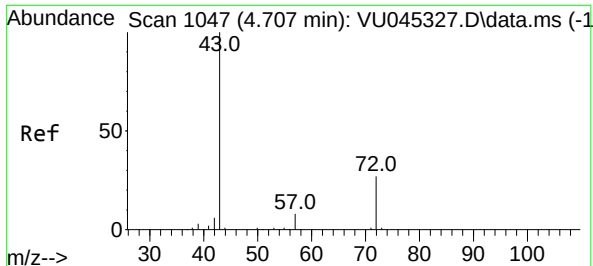
Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion: 96 Resp: 114481

Ion	Ratio	Lower	Upper
96	100		
61	132.5	94.2	175.0
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 86.590 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU045337.D

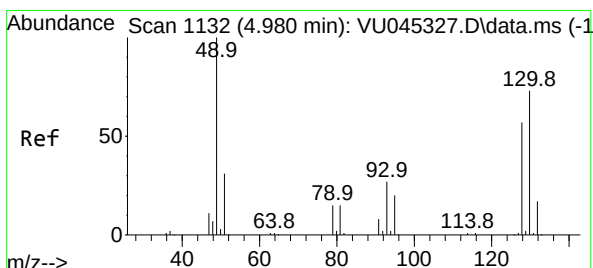
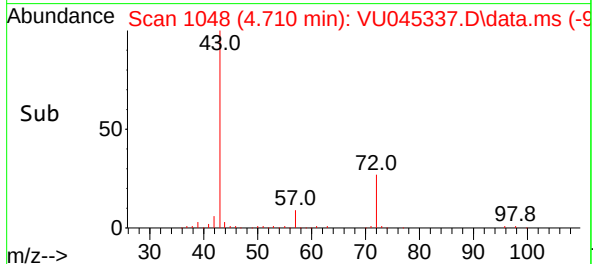
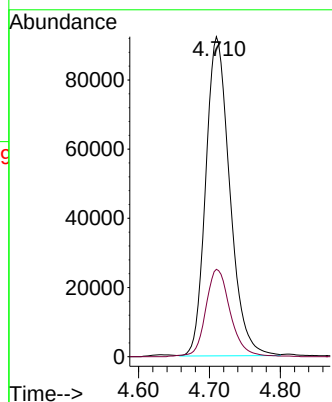
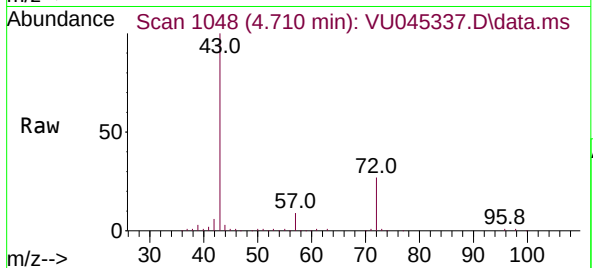
Acq: 19 Oct 2021 18:19

Tgt Ion: 43 Resp: 217616

Ion Ratio Lower Upper

43 100

72 28.1 14.1 42.2



#23

Bromochloromethane

Concen: 46.114 ug/L

RT: 4.977 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion: 128 Resp: 54630

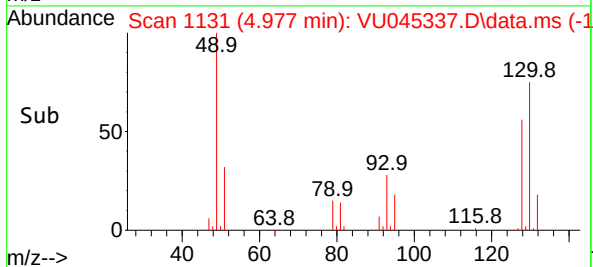
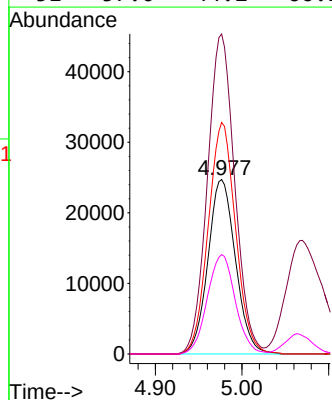
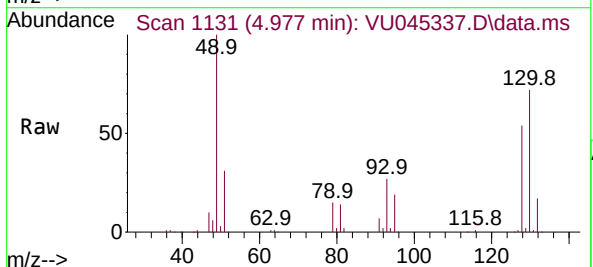
Ion Ratio Lower Upper

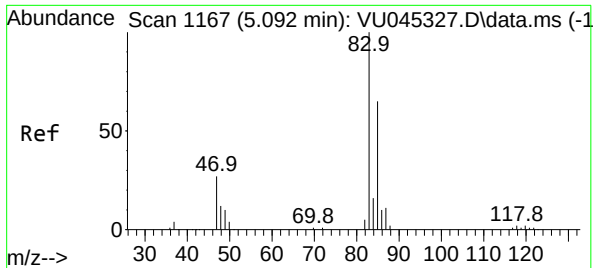
128 100

49 183.5 123.8 229.8

130 132.8 89.8 166.8

51 57.0 44.2 66.2



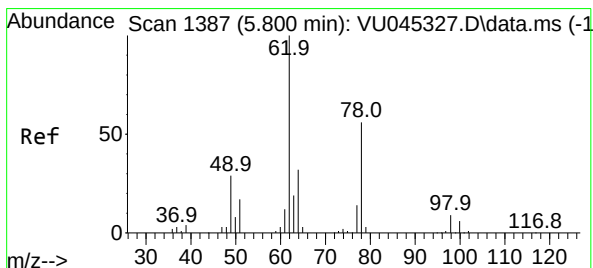
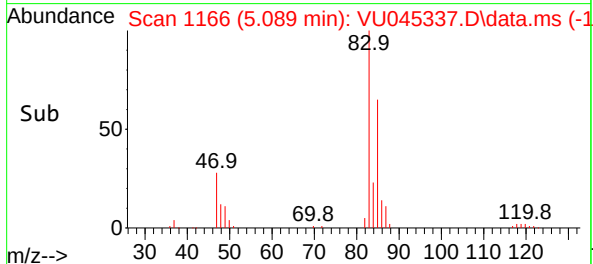
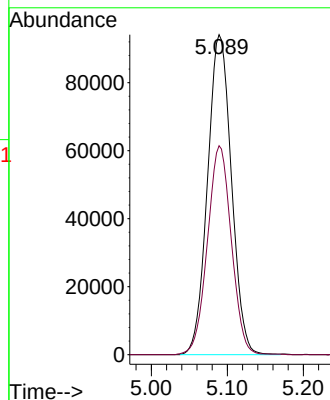
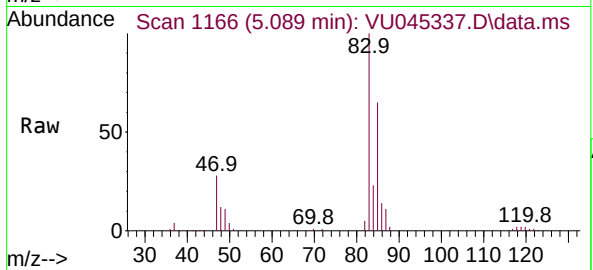


#25

Chloroform
Concen: 46.950 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :

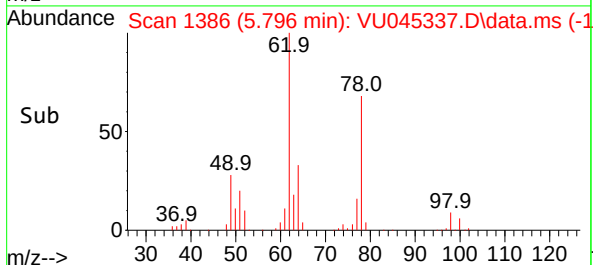
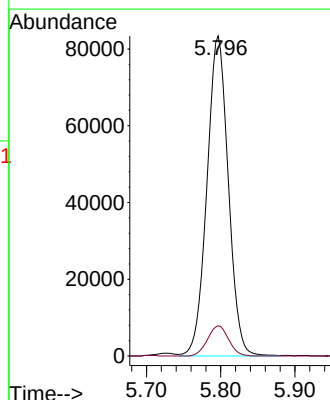
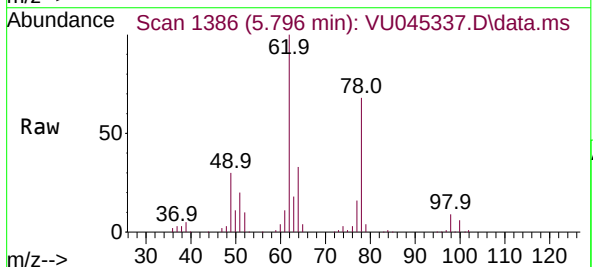
Tgt Ion: 83 Resp: 205368
Ion Ratio Lower Upper
83 100
85 65.3 45.4 84.2

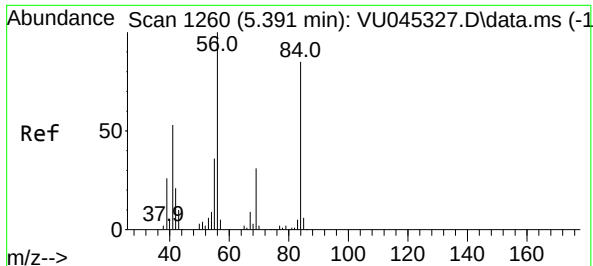


#27

1,2-Dichloroethane
Concen: 47.707 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 62 Resp: 166672
Ion Ratio Lower Upper
62 100
98 9.4 7.4 11.2





#29

Cyclohexane

Concen: 45.884 ug/L

RT: 5.388 min Scan# 1259

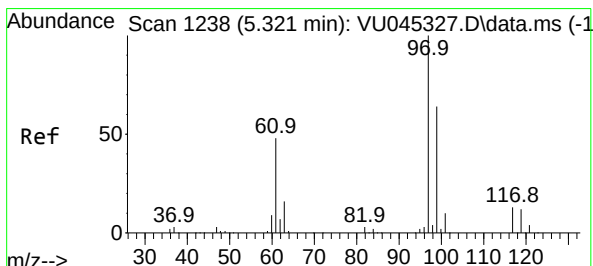
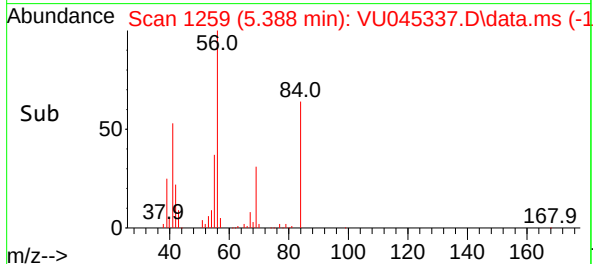
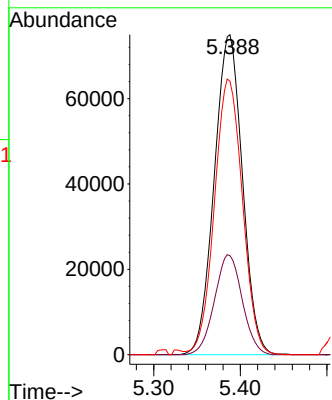
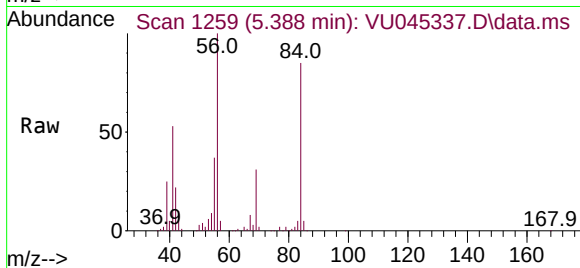
Delta R.T. -0.003 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion: 56 Resp: 169414

Ion	Ratio	Lower	Upper
56	100		
69	30.7	24.8	37.2
84	85.8	70.3	105.5



#30

1,1,1-Trichloroethane

Concen: 44.673 ug/L

RT: 5.314 min Scan# 1236

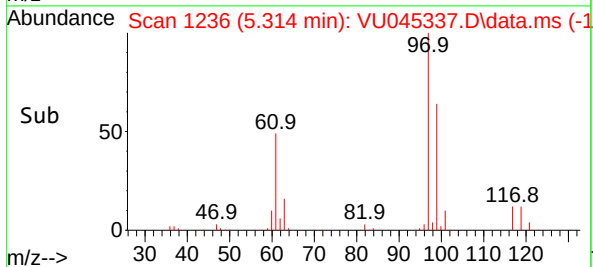
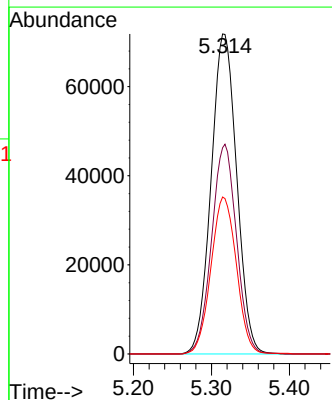
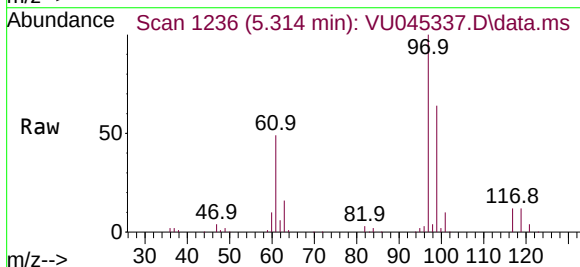
Delta R.T. -0.007 min

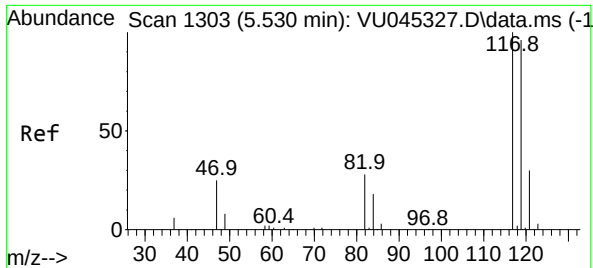
Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion: 97 Resp: 163895

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.5	77.3
61	48.7	39.2	58.8

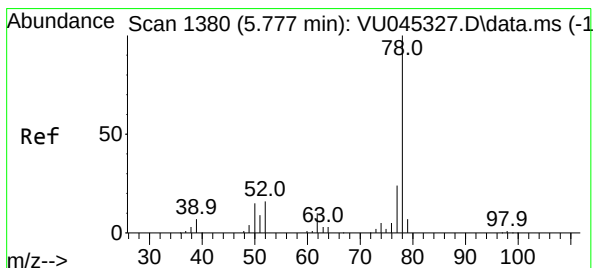
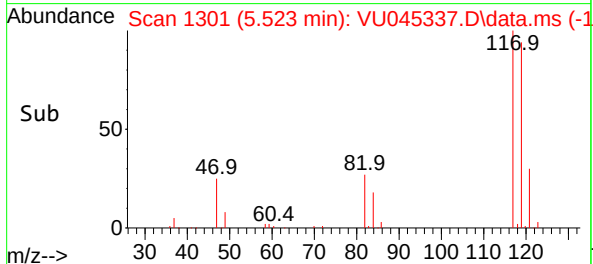
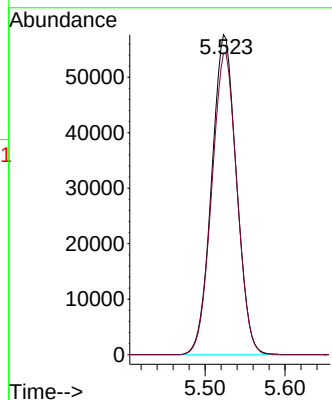
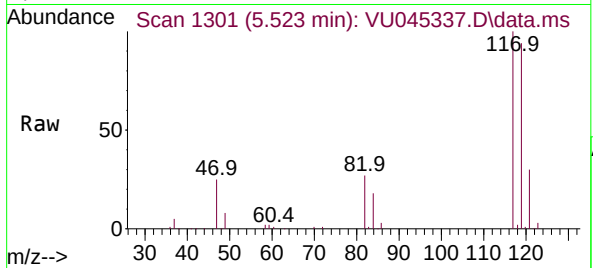




#31
Carbon tetrachloride
Concen: 43.835 ug/L
RT: 5.523 min Scan# 1301
Delta R.T. -0.007 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

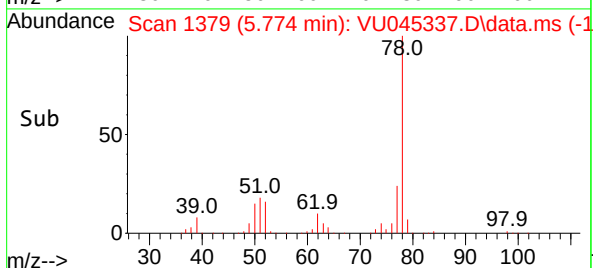
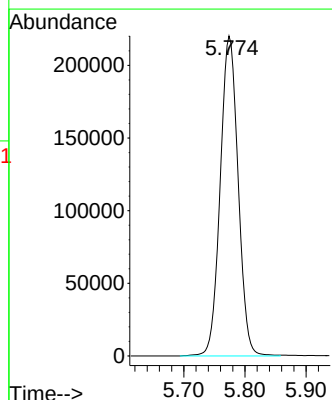
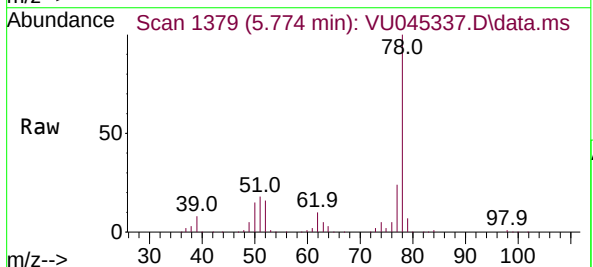
Instrument :
MSVOA_U
ClientSampled :

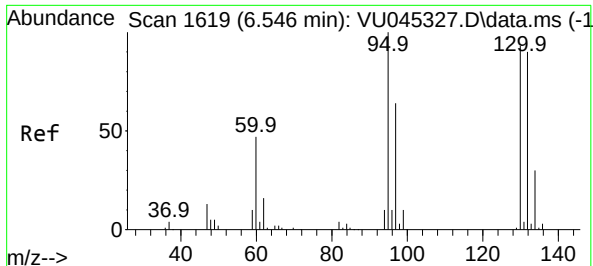
Tgt Ion:117 Resp: 124184
Ion Ratio Lower Upper
117 100
119 95.6 76.7 115.1



#33
Benzene
Concen: 46.318 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 78 Resp: 448368

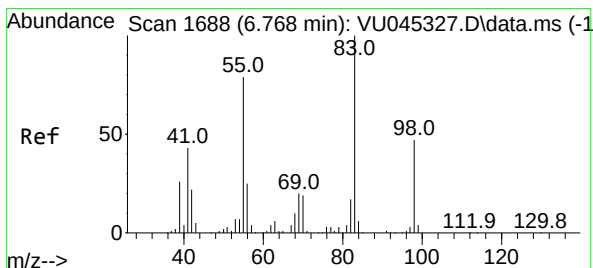
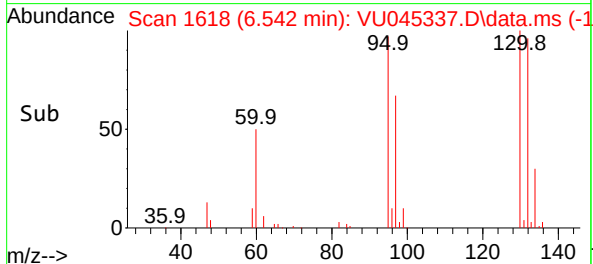
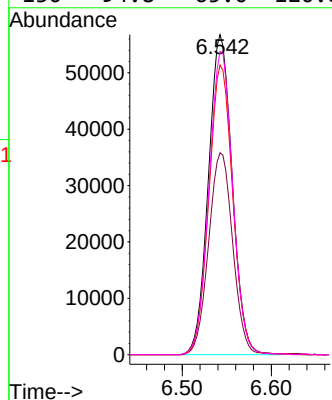
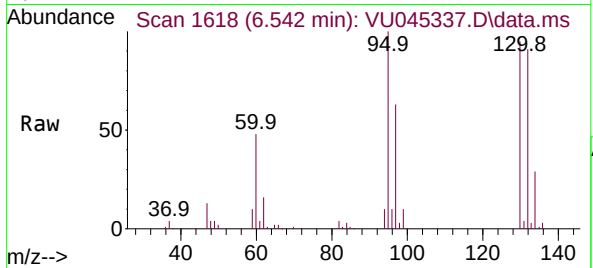




#34
Trichloroethene
Concen: 44.095 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

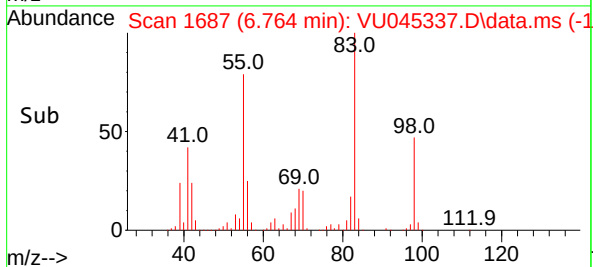
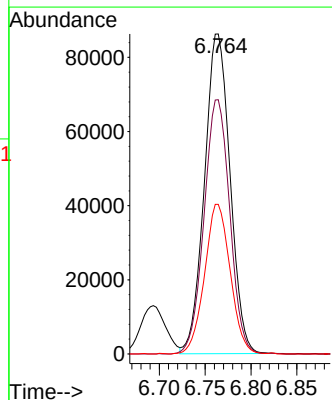
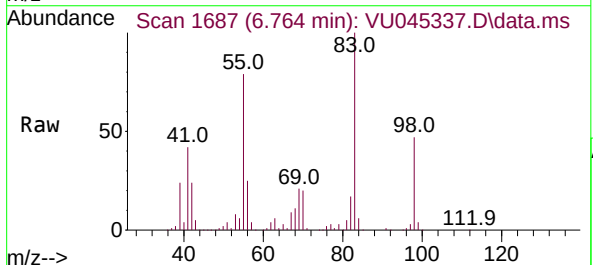
Instrument :
MSVOA_U
ClientSampleId :

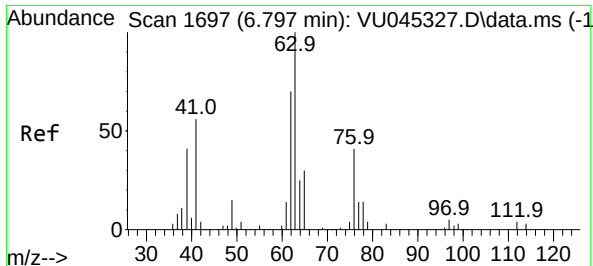
Tgt Ion: 95 Resp: 105254
Ion Ratio Lower Upper
95 100
97 63.1 44.9 83.3
132 90.5 63.0 117.0
130 94.8 65.0 120.8



#35
Methylcyclohexane
Concen: 44.706 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 83 Resp: 167623
Ion Ratio Lower Upper
83 100
55 79.8 63.4 95.0
98 46.9 37.9 56.9



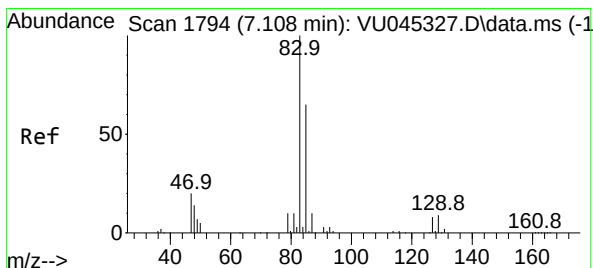
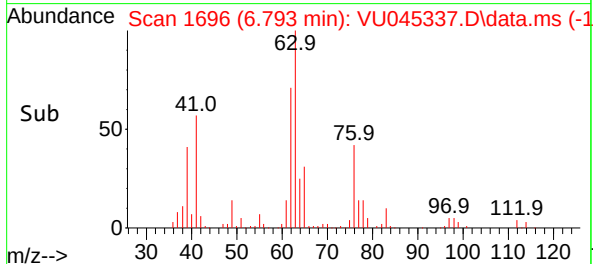
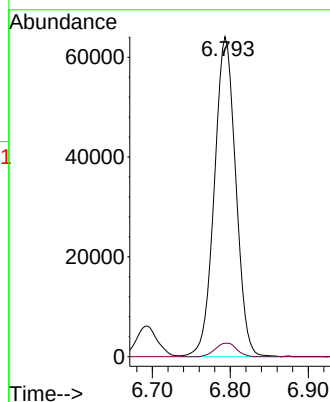
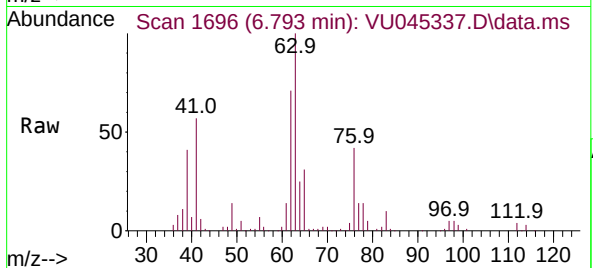


#37

1,2-Dichloropropane
Concen: 46.533 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Instrument :
MSVOA_U
ClientSampleId :

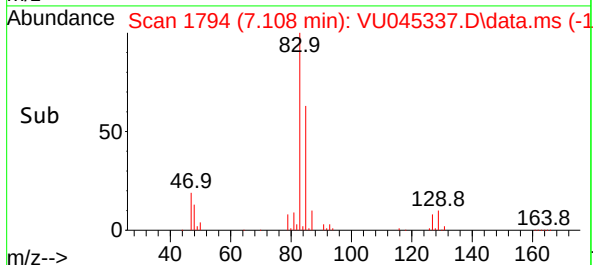
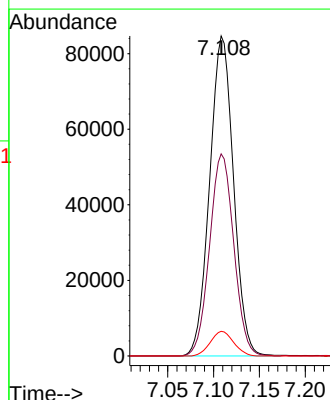
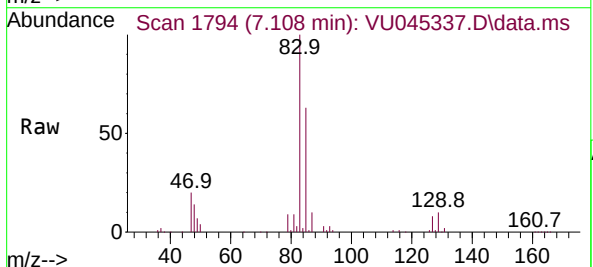
Tgt Ion: 63 Resp: 122513
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9

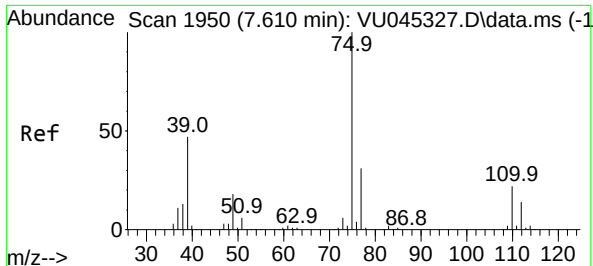


#38

Bromodichloromethane
Concen: 45.027 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 83 Resp: 153336
Ion Ratio Lower Upper
83 100
85 63.1 45.5 84.5
127 7.7 6.3 9.5



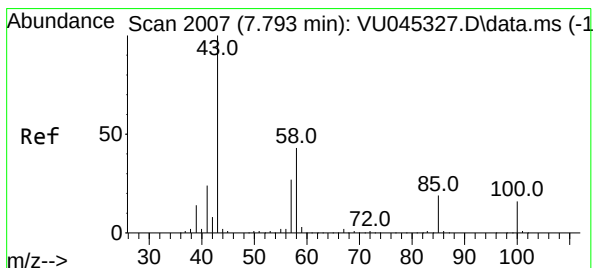
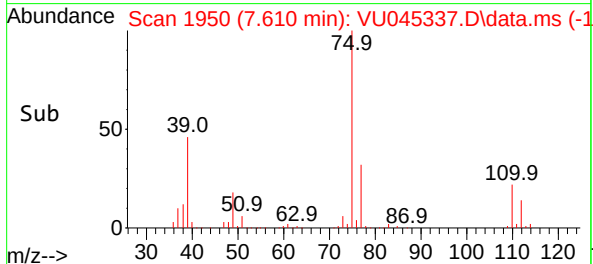
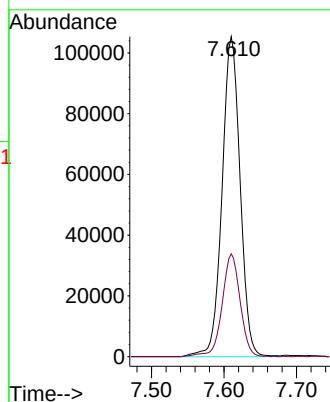
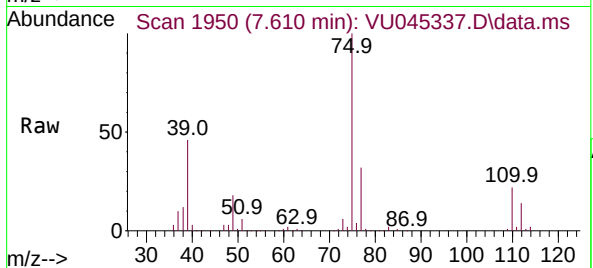


#39

cis-1,3-Dichloropropene
 Concen: 46.261 ug/L
 RT: 7.610 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

Instrument :
 MSVOA_U
 ClientSampled :

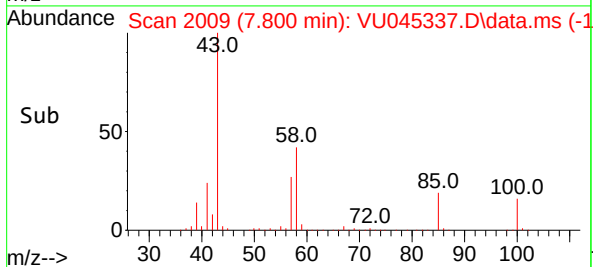
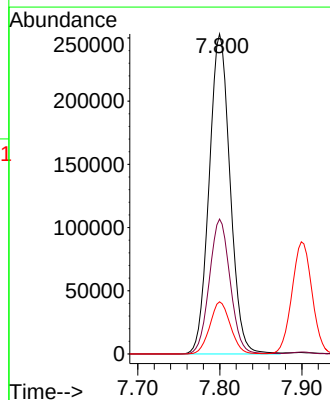
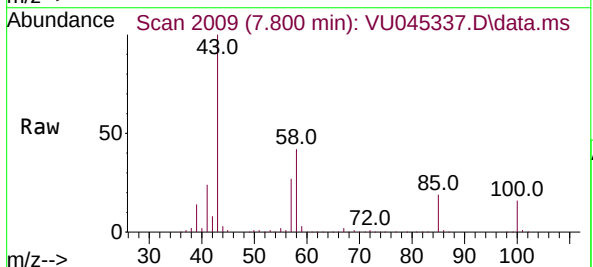
Tgt Ion: 75 Resp: 182346
 Ion Ratio Lower Upper
 75 100
 77 32.1 21.6 40.0

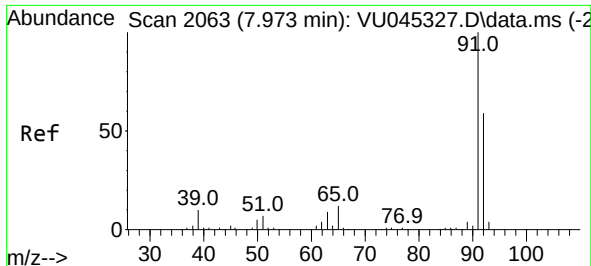


#40

4-Methyl-2-pentanone
 Concen: 111.734 ug/L
 RT: 7.800 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

Tgt Ion: 43 Resp: 448647
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.7 50.5
 100 16.1 13.0 19.4

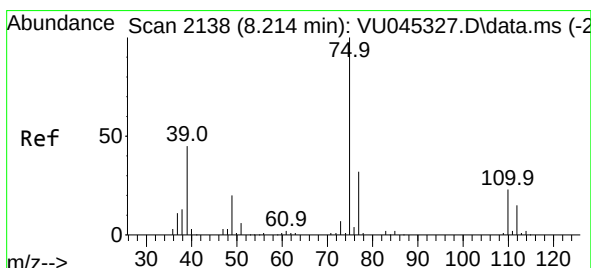
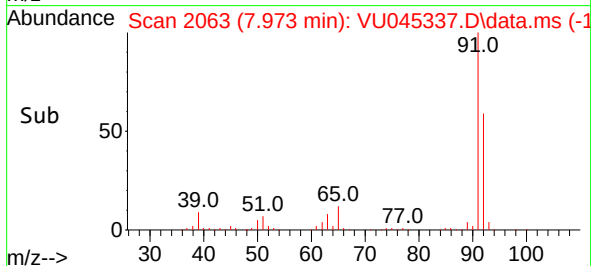
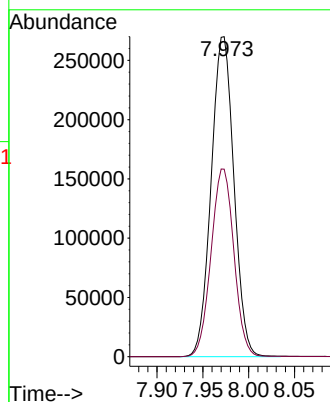
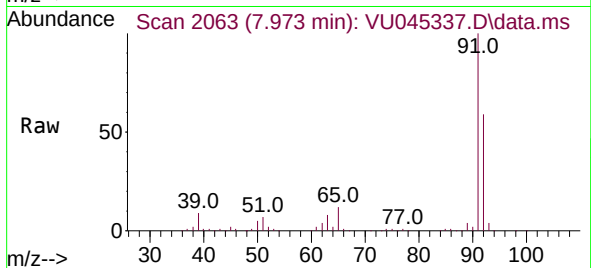




#42
Toluene
Concen: 46.102 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

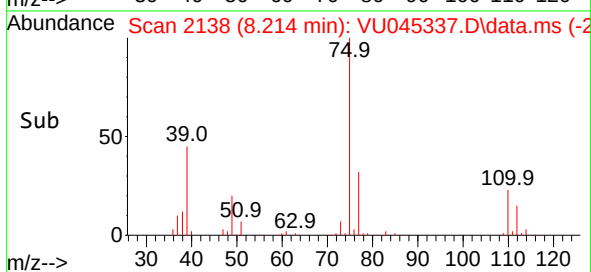
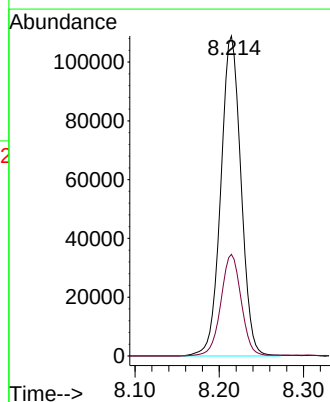
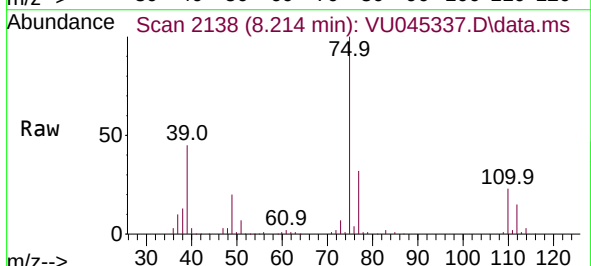
Instrument :
MSVOA_U
ClientSampled :

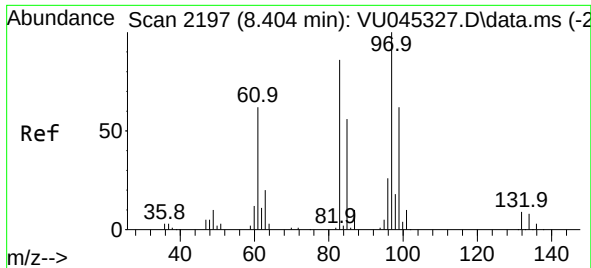
Tgt Ion: 91 Resp: 465556
Ion Ratio Lower Upper
91 100
92 58.6 41.2 76.6



#44
trans-1,3-Dichloropropene
Concen: 47.969 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 75 Resp: 180795
Ion Ratio Lower Upper
75 100
77 31.7 22.5 41.9

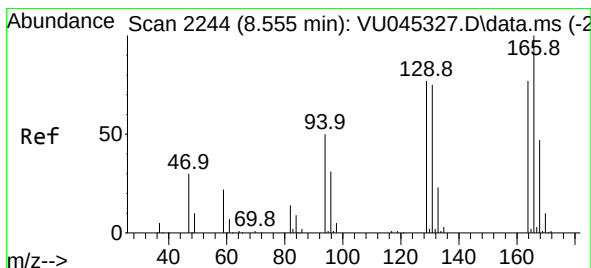
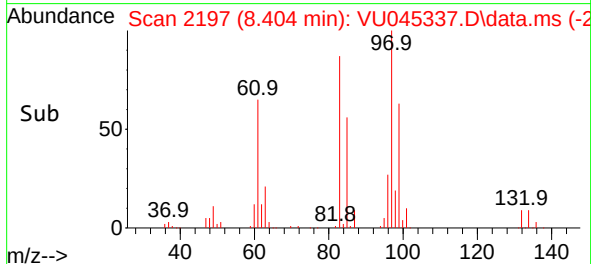
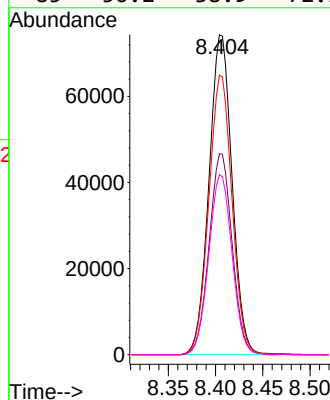
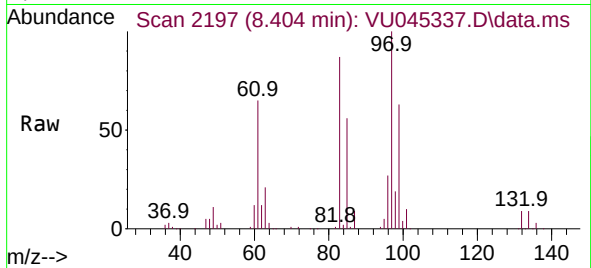




#45
1,1,2-Trichloroethane
Concen: 50.048 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

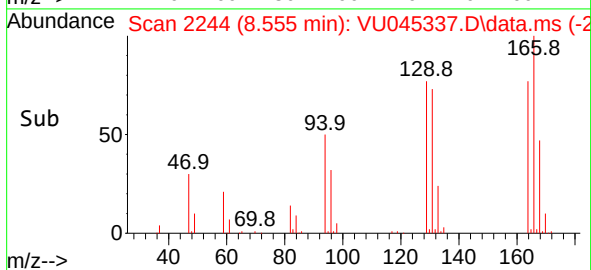
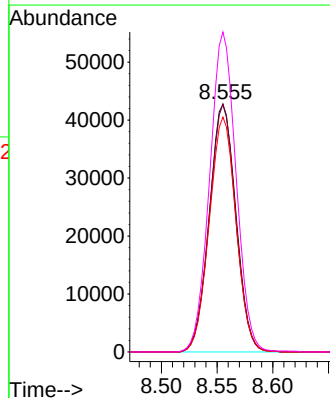
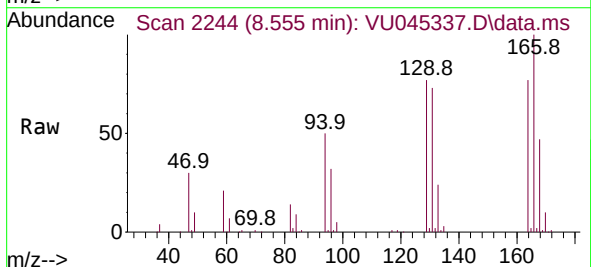
Instrument :
MSVOA_U
ClientSampleId :

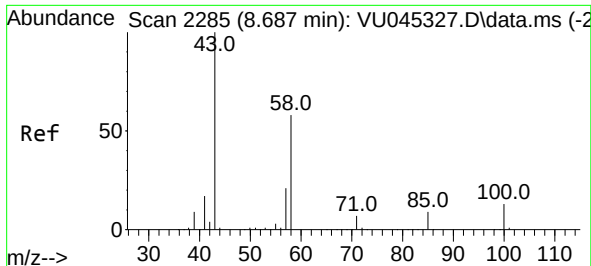
Tgt Ion:	97	Resp:	126289
Ion	Ratio	Lower	Upper
97	100		
99	62.8	43.0	80.0
83	87.4	60.1	111.5
85	56.2	38.9	72.3



#46
Tetrachloroethene
Concen: 43.093 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:	164	Resp:	71262
Ion	Ratio	Lower	Upper
164	100		
129	100.2	69.6	129.2
131	94.9	67.5	125.4
166	129.3	90.4	167.8

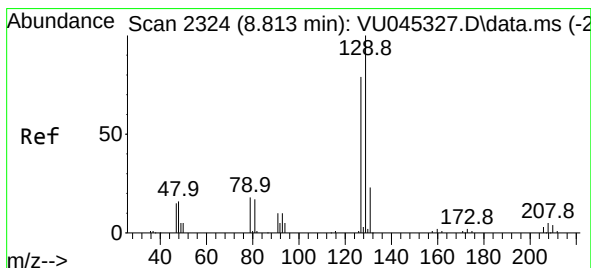
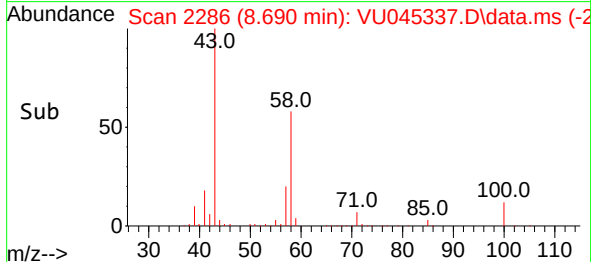
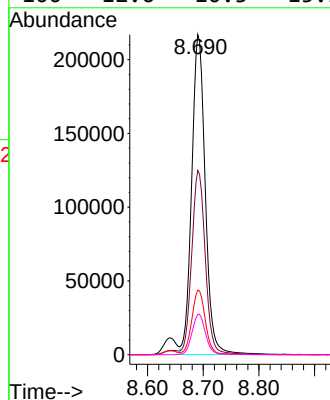
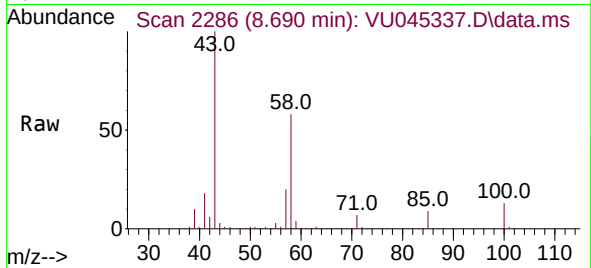




#48
2-Hexanone
Concen: 108.164 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

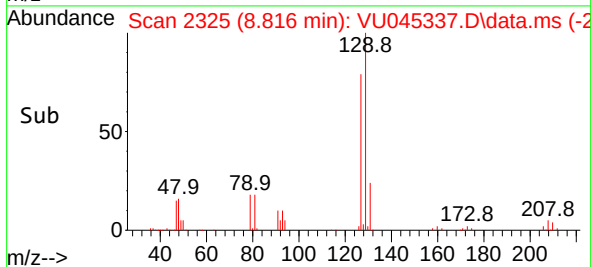
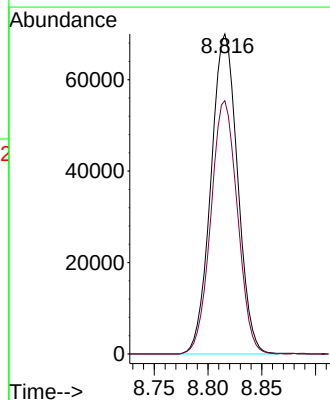
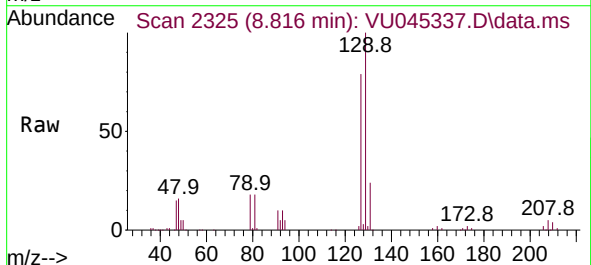
Instrument :
MSVOA_U
ClientSampleId :

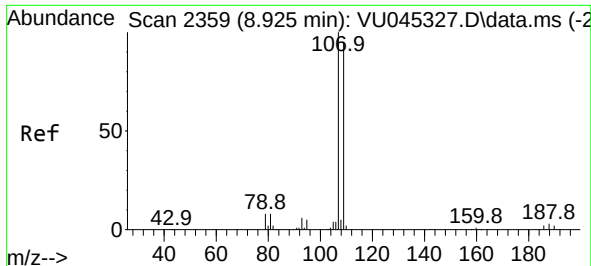
Tgt Ion:	43	Resp:	366652
Ion	Ratio	Lower	Upper
43	100		
58	56.8	45.4	68.0
57	20.2	16.0	24.0
100	12.6	10.3	15.5



#49
Dibromochloromethane
Concen: 49.172 ug/L
RT: 8.816 min Scan# 2325
Delta R.T. 0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:	129	Resp:	120853
Ion	Ratio	Lower	Upper
129	100		
127	79.1	55.3	102.7





#50

1,2-Dibromoethane

Concen: 48.407 ug/L

RT: 8.928 min Scan# 2360

Delta R.T. 0.003 min

Lab File: VU045337.D

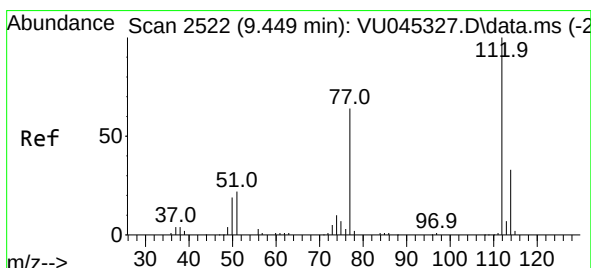
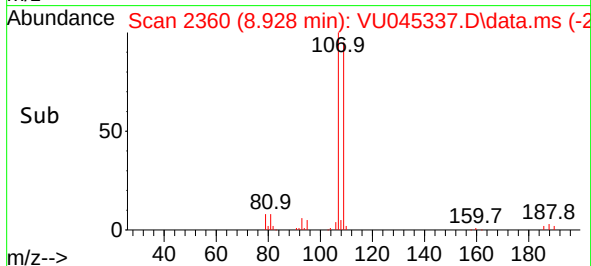
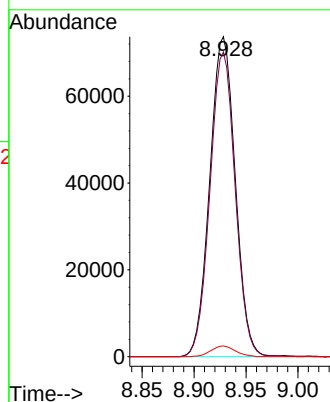
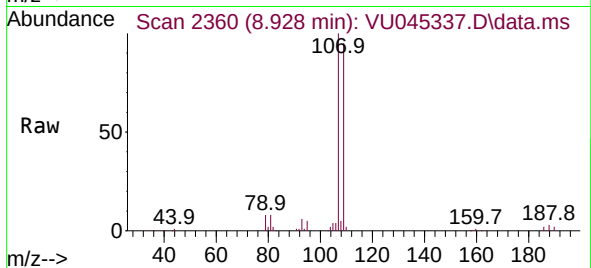
Acq: 19 Oct 2021 18:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	125765
Ion	Ratio	Lower	Upper
107	100		
109	95.2	66.6	123.6
188	3.3	2.6	4.0



#51

Chlorobenzene

Concen: 47.964 ug/L

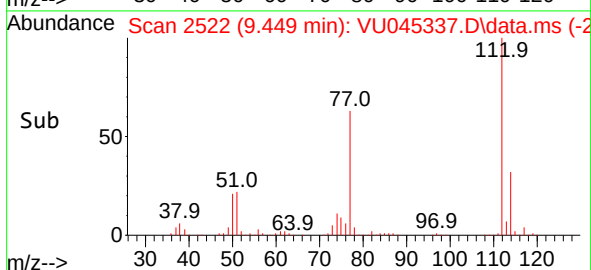
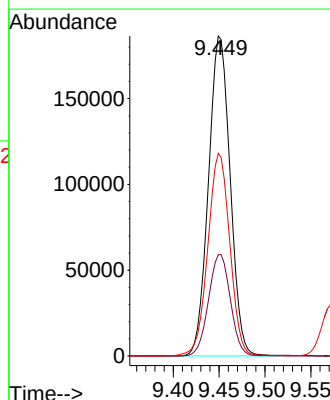
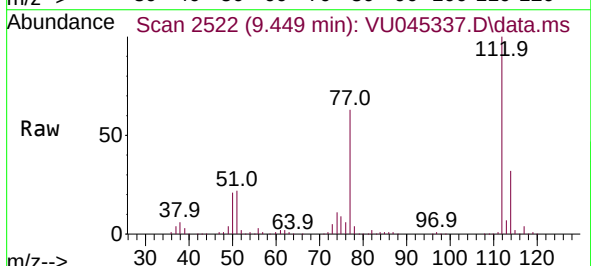
RT: 9.449 min Scan# 2522

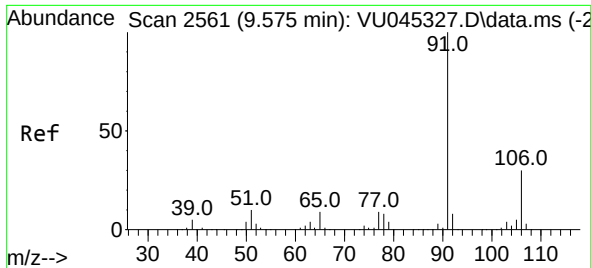
Delta R.T. -0.000 min

Lab File: VU045337.D

Acq: 19 Oct 2021 18:19

Tgt Ion:	112	Resp:	306777
Ion	Ratio	Lower	Upper
112	100		
114	31.6	22.8	42.4
77	63.4	51.3	76.9

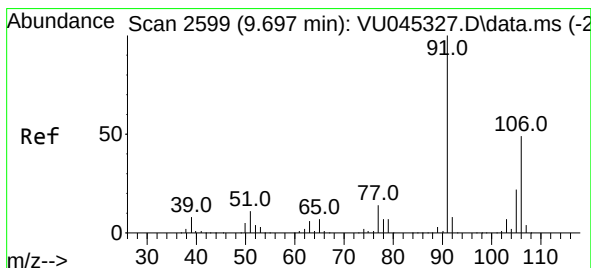
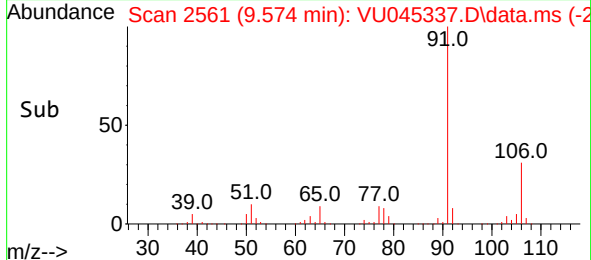
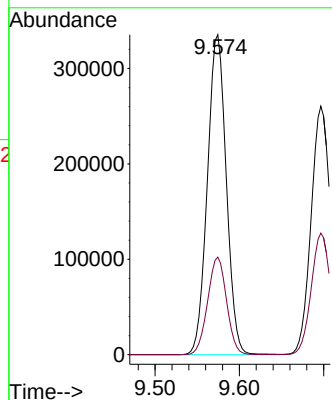
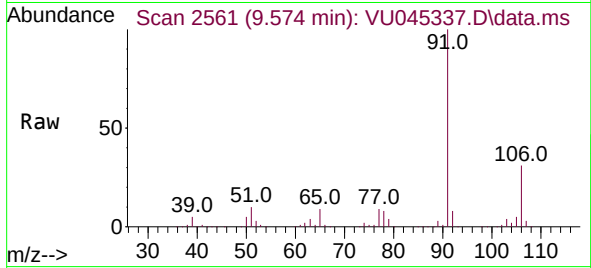




#52
Ethylbenzene
Concen: 47.815 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

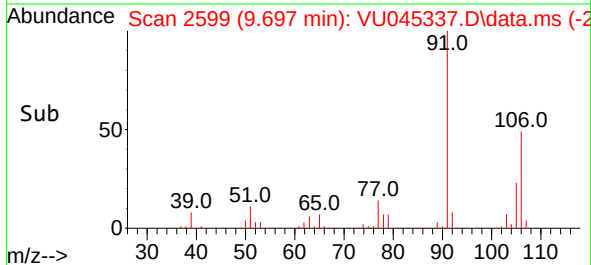
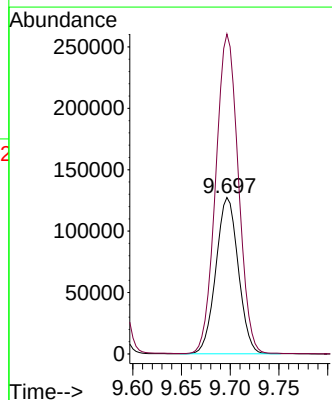
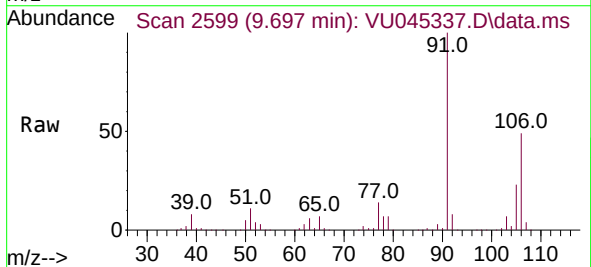
Instrument :
MSVOA_U
ClientSampled :

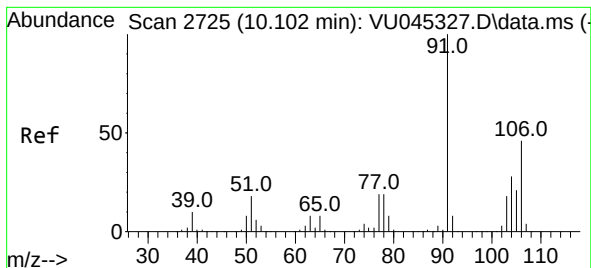
Tgt Ion: 91 Resp: 523999
Ion Ratio Lower Upper
91 100
106 30.5 21.1 39.3



#53
m,p-Xylene
Concen: 48.850 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 106 Resp: 203380
Ion Ratio Lower Upper
106 100
91 204.5 144.4 268.2





#54

o-xylene

Concen: 50.426 ug/L

RT: 10.105 min Scan# 2726

Delta R.T. 0.003 min

Lab File: VU045337.D

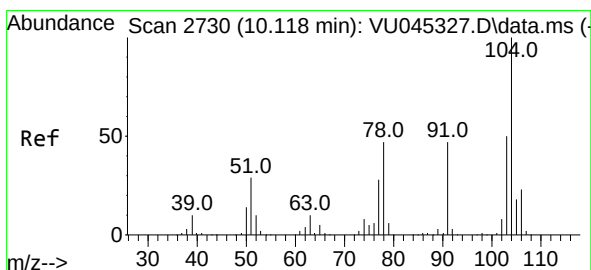
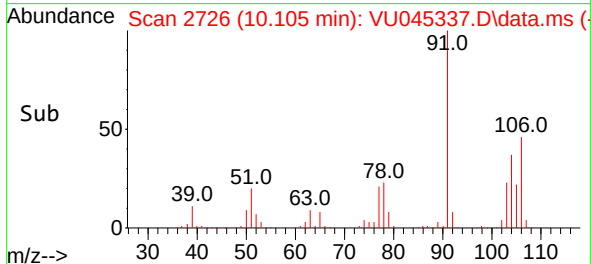
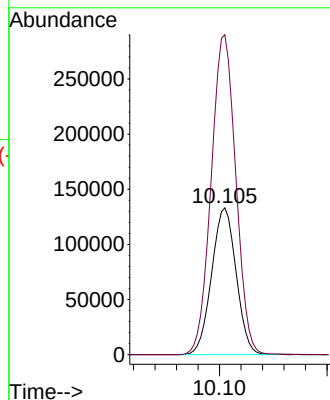
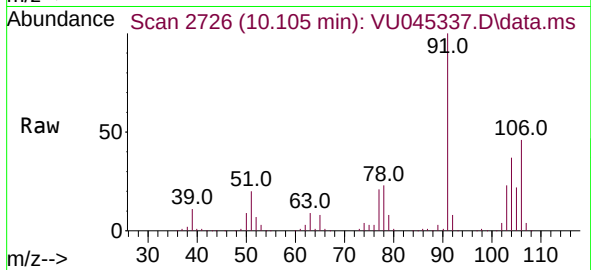
Acq: 19 Oct 2021 18:19

Tgt Ion:106 Resp: 210640

Ion Ratio Lower Upper

106 100

91 217.9 151.1 280.5



#55

Styrene

Concen: 53.028 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045337.D

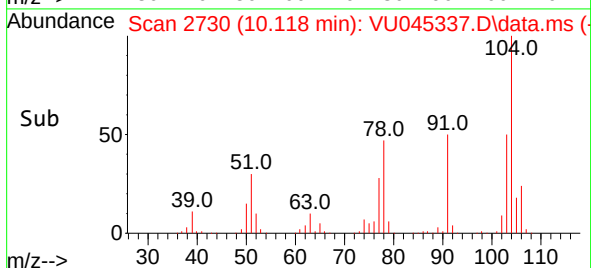
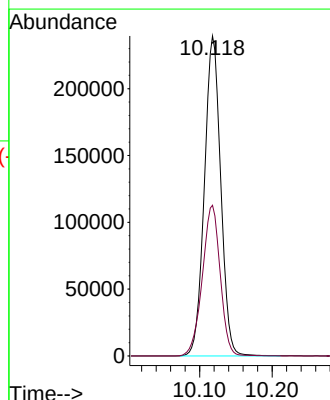
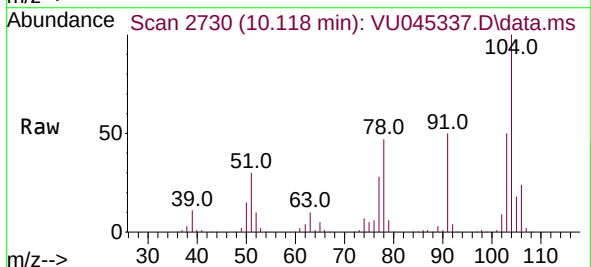
Acq: 19 Oct 2021 18:19

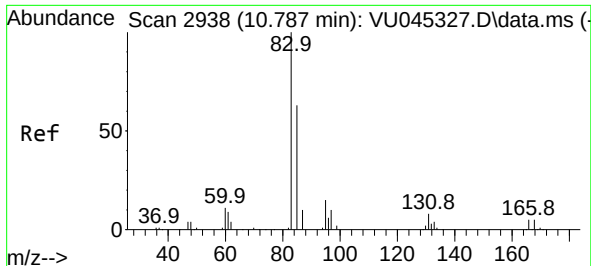
Tgt Ion:104 Resp: 374876

Ion Ratio Lower Upper

104 100

78 47.1 32.7 60.7

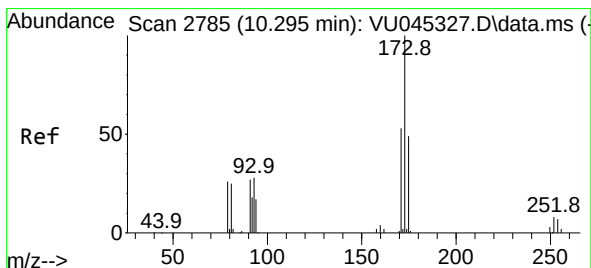
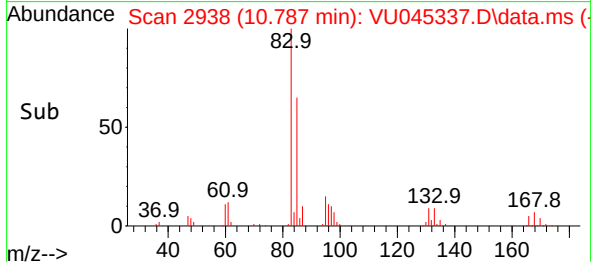
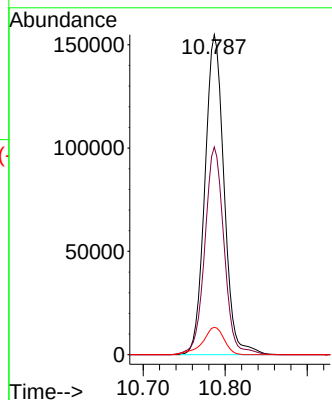
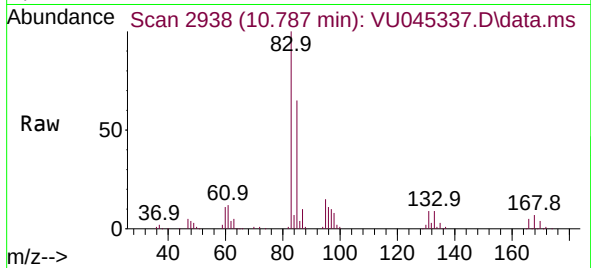




#57
1,1,2,2-Tetrachloroethane
Concen: 56.254 ug/L
RT: 10.787 min Scan# 2938
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

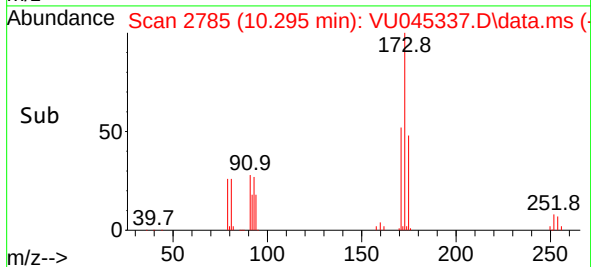
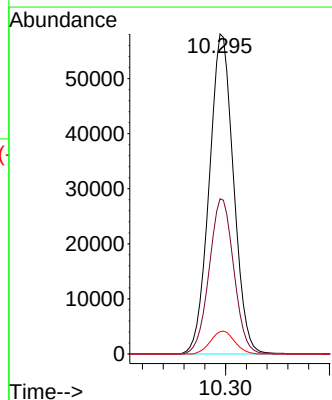
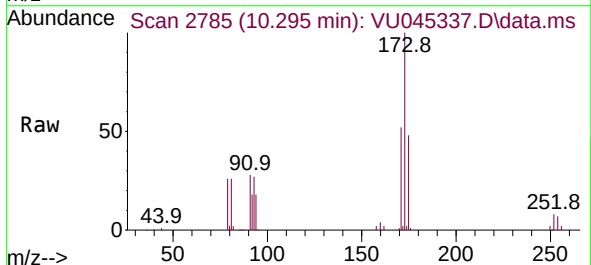
Instrument :
MSVOA_U
ClientSampleId :

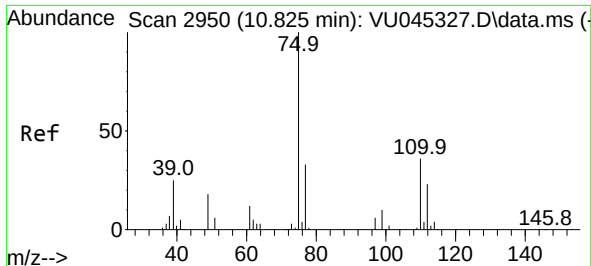
Tgt Ion: 83 Resp: 250777
Ion Ratio Lower Upper
83 100
85 64.9 44.4 82.5
131 8.6 6.8 10.2



#59
Bromoform
Concen: 53.409 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:173 Resp: 94331
Ion Ratio Lower Upper
173 100
175 49.0 39.3 58.9
254 7.0 5.8 8.6

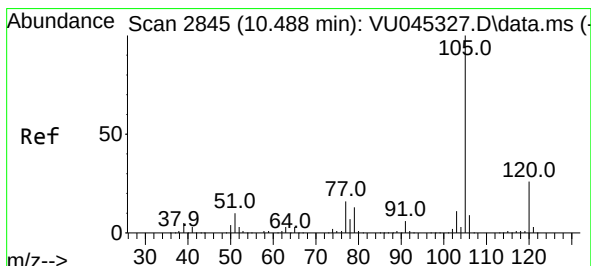
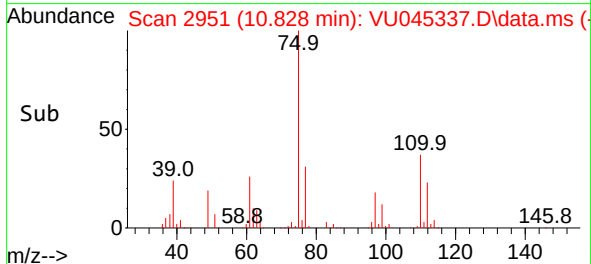
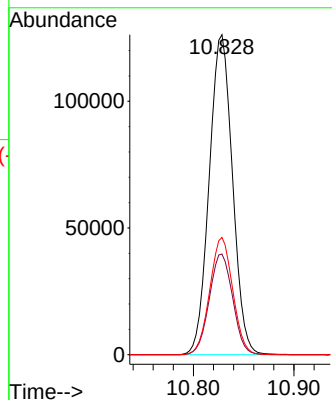
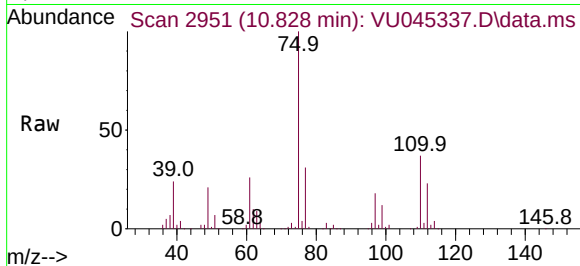




#60
1,2,3-Trichloropropane
Concen: 54.878 ug/L
RT: 10.828 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

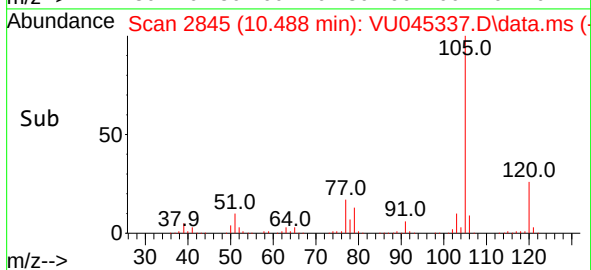
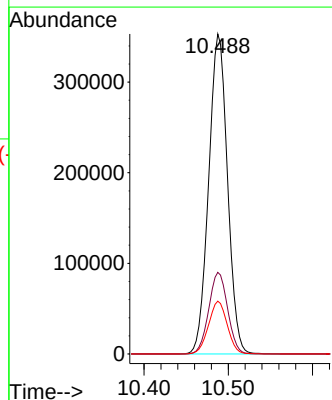
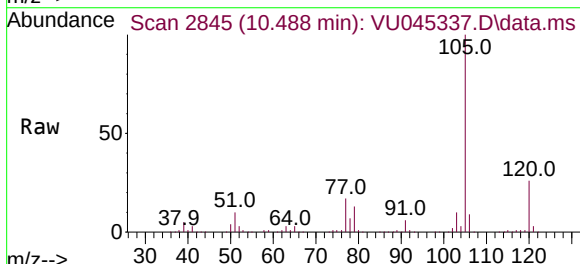
Instrument :
MSVOA_U
ClientSampled :

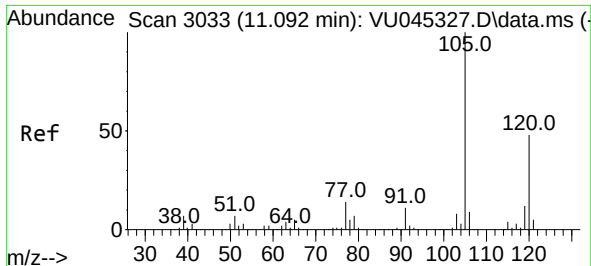
Tgt Ion: 75 Resp: 203022
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 36.2 28.8 43.2



#61
Isopropylbenzene
Concen: 49.820 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 105 Resp: 548108
Ion Ratio Lower Upper
105 100
120 25.6 20.5 30.7
77 16.4 13.2 19.8

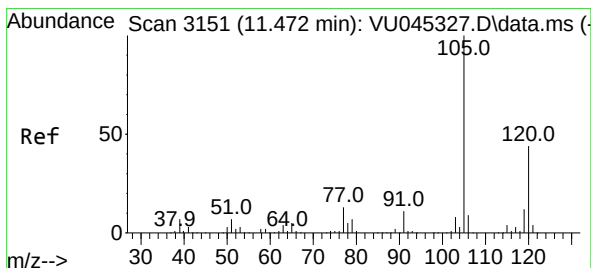
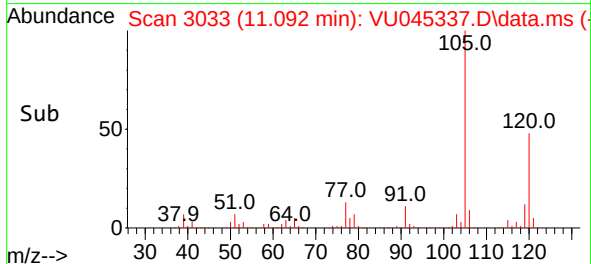
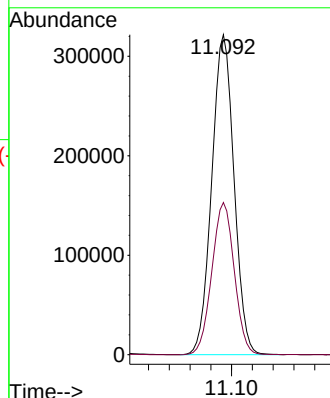
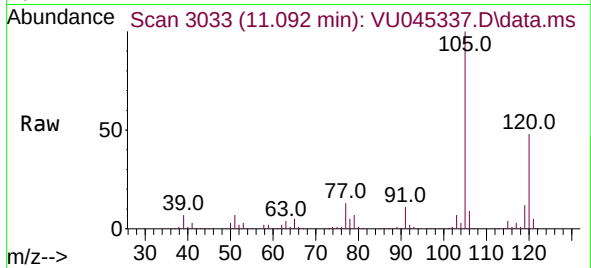




#62
1,3,5-Trimethylbenzene
Concen: 52.587 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

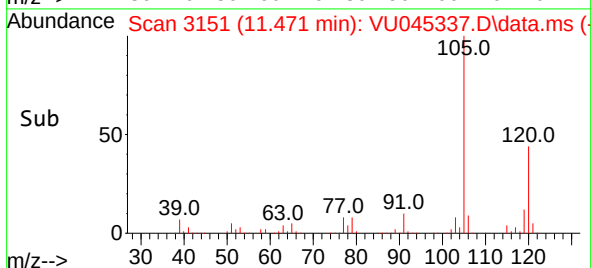
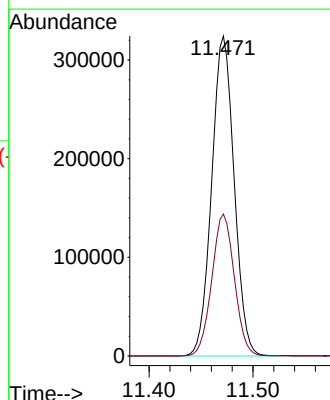
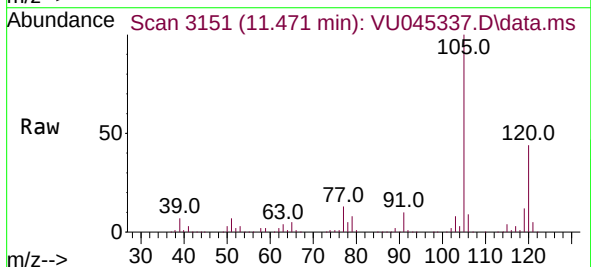
Instrument :
MSVOA_U
ClientSampled :

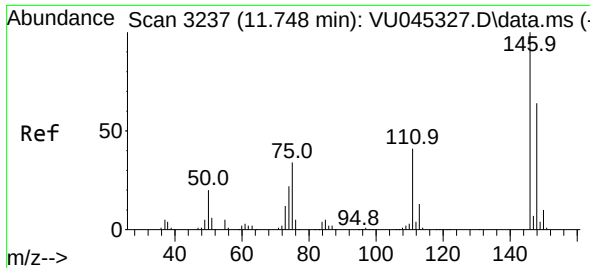
Tgt Ion:105 Resp: 478652
Ion Ratio Lower Upper
105 100
120 47.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 52.780 ug/L
RT: 11.471 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:105 Resp: 486388
Ion Ratio Lower Upper
105 100
120 44.5 35.5 53.3

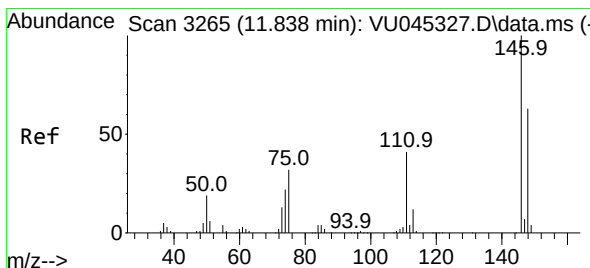
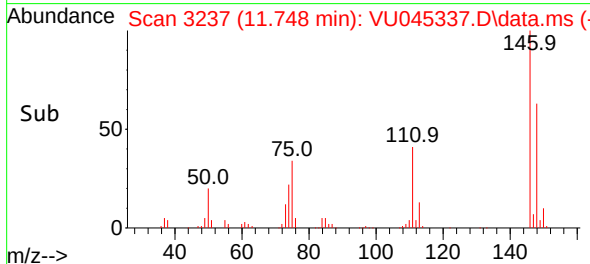
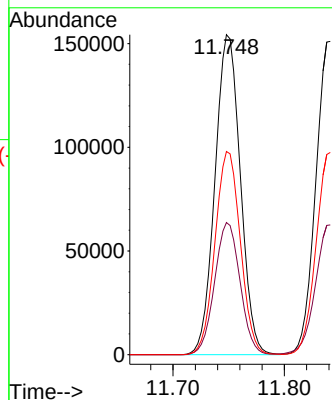
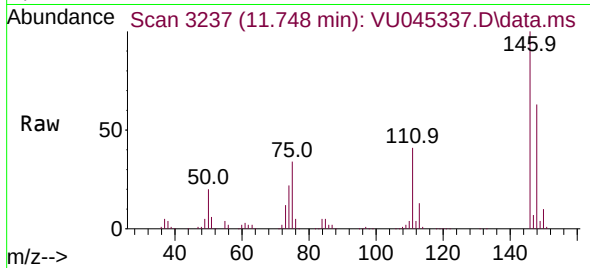




#64
1,3-Dichlorobenzene
Concen: 49.076 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

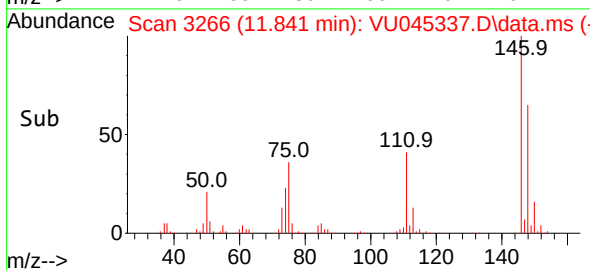
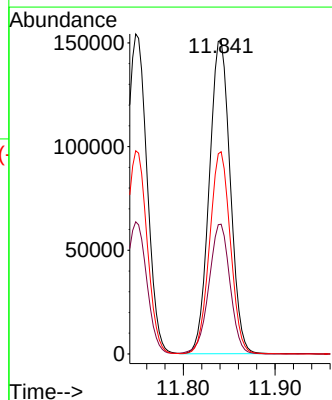
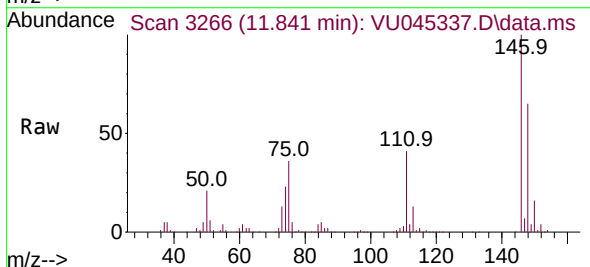
Instrument :
MSVOA_U
ClientSampled :

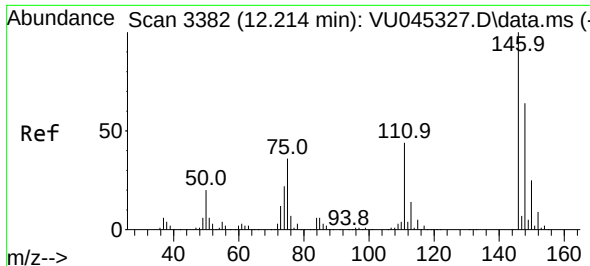
Tgt Ion:146 Resp: 244486
Ion Ratio Lower Upper
146 100
111 41.3 29.0 53.9
148 63.5 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 47.465 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:146 Resp: 239851
Ion Ratio Lower Upper
146 100
111 41.4 28.6 53.2
148 64.5 44.2 82.0

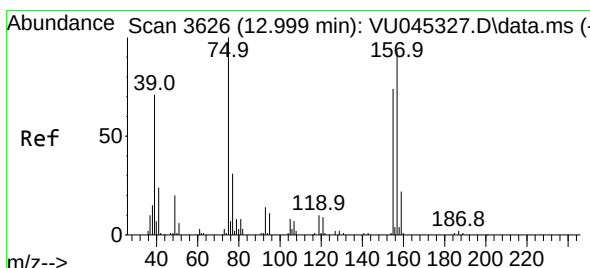
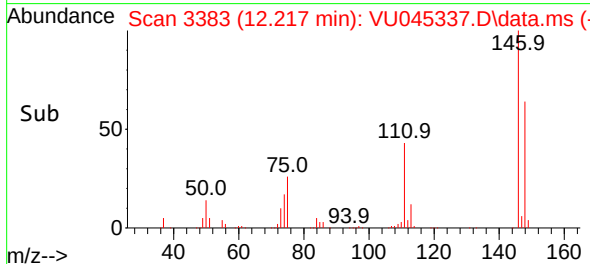
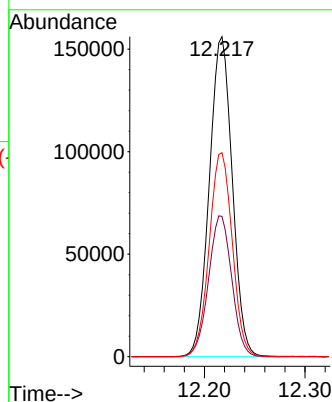
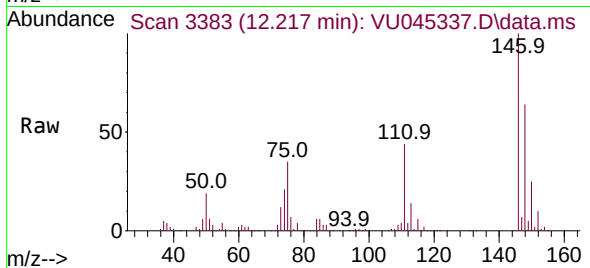




#67
1,2-Dichlorobenzene
Concen: 49.076 ug/L
RT: 12.217 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

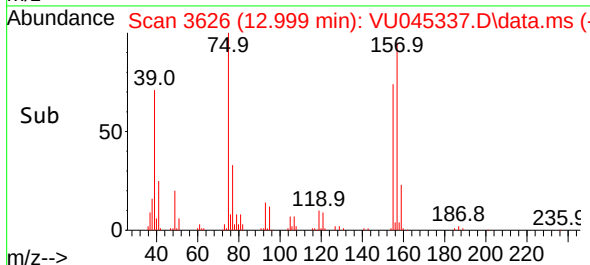
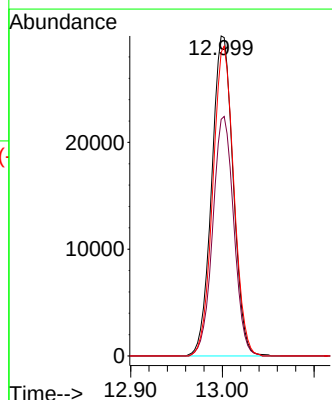
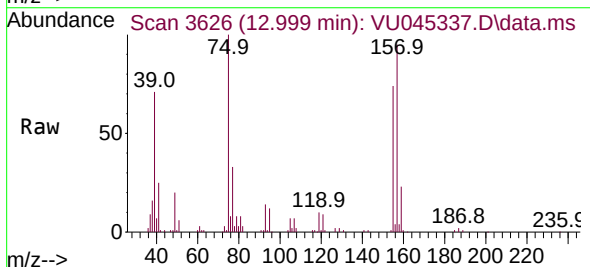
Instrument :
MSVOA_U
ClientSampled :

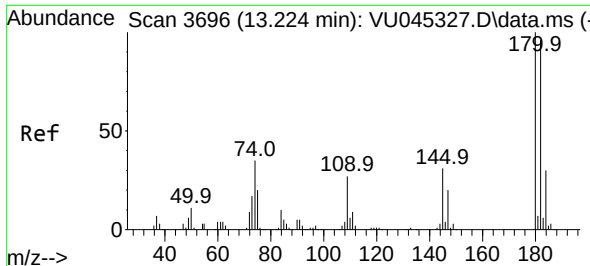
Tgt Ion:146 Resp: 247146
Ion Ratio Lower Upper
146 100
111 43.8 35.2 52.8
148 63.8 50.8 76.2



#68
1,2-Dibromo-3-chloropropane
Concen: 47.343 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion: 75 Resp: 48772
Ion Ratio Lower Upper
75 100
155 74.0 61.9 92.9
157 94.8 74.1 111.1

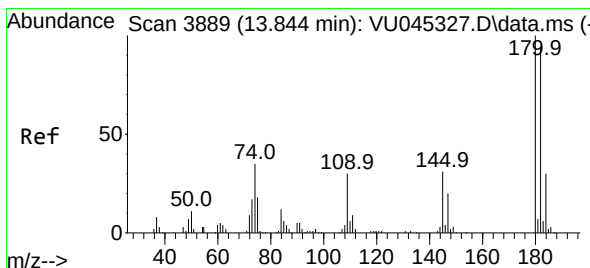
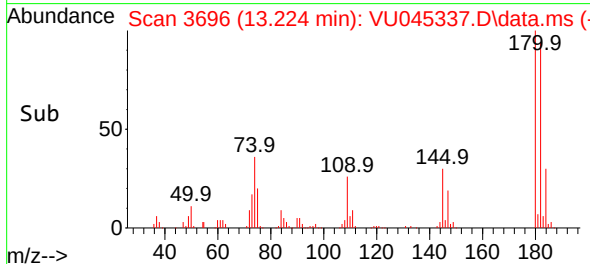
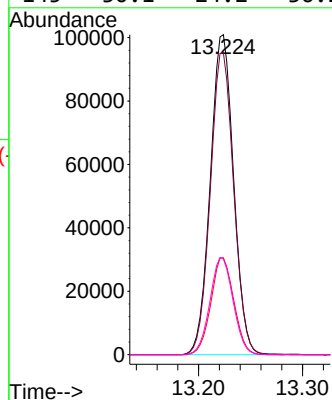
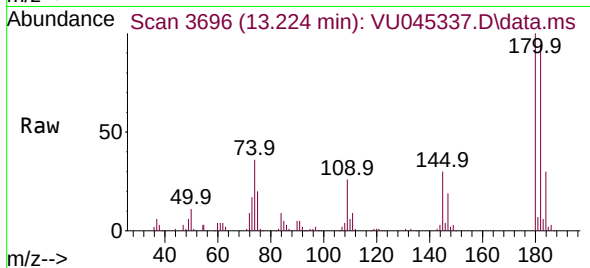




#69
 1,3,5-Trichlorobenzene
 Concen: 45.867 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. -0.000 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

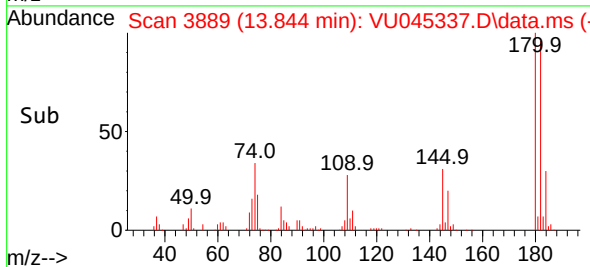
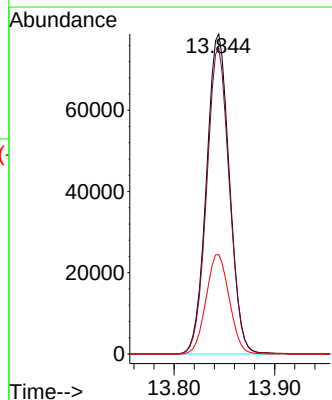
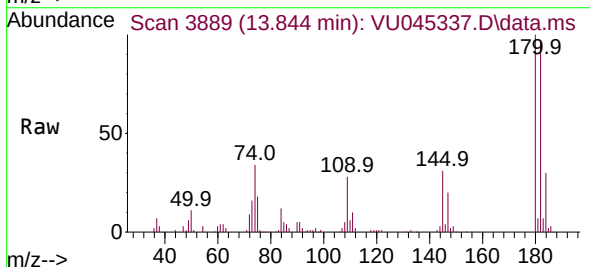
Instrument :
 MSVOA_U
 ClientSampleId :

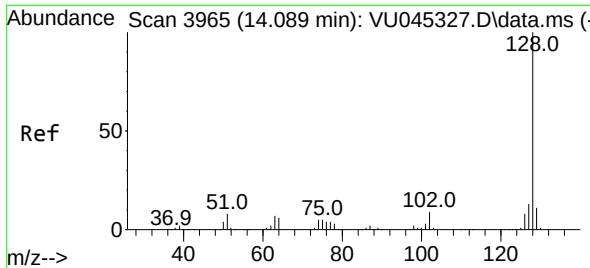
Tgt Ion:	180	Resp:	157237
Ion Ratio	Lower	Upper	
180	100		
182	94.4	76.0	114.0
184	29.8	23.8	35.8
145	30.1	24.2	36.2



#70
 1,2,4-trichlorobenzene
 Concen: 43.543 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. -0.000 min
 Lab File: VU045337.D
 Acq: 19 Oct 2021 18:19

Tgt Ion:	180	Resp:	125128
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.7	113.5
145	31.4	25.1	37.7

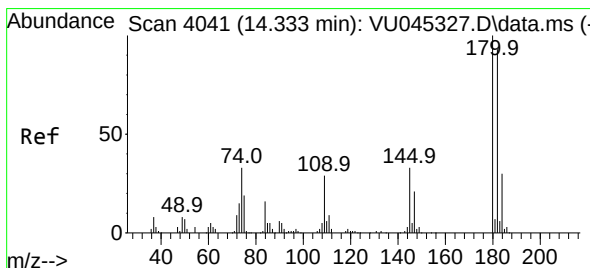
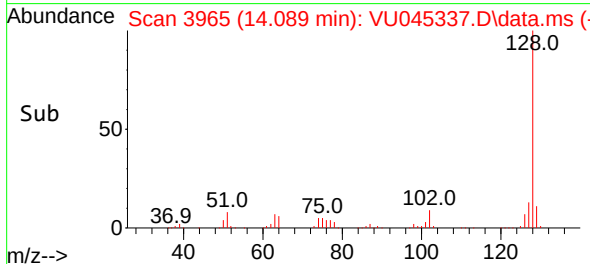
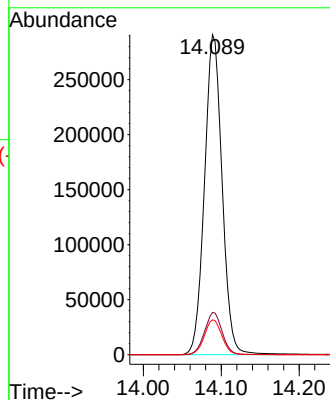
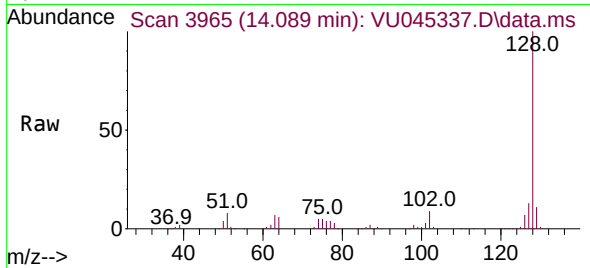




#71
Naphthalene
Concen: 47.483 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion:128 Resp: 456101
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.9 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 44.936 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045337.D
Acq: 19 Oct 2021 18:19

Tgt Ion:180 Resp: 129005
Ion Ratio Lower Upper
180 100
182 94.3 75.0 112.4
145 33.2 26.4 39.6

