

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041922\
 Data File : VU048129.D
 Acq On : 19 Apr 2022 09:54
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 19 03:36:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	355619	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	336622	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	218566	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	128197	49.711	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.420%
7) Chloroethane-d5	1.916	69	104218	51.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.500%
11) 1,1-Dichloroethene-d2	2.572	63	220533	46.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.480%
21) 2-Butanone-d5	4.623	46	196551	88.798	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.800%
24) Chloroform-d	5.067	84	234707	49.741	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.480%
26) 1,2-Dichloroethane-d4	5.703	65	138627	47.902	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.800%
32) Benzene-d6	5.732	84	459225	54.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.440%
36) 1,2-Dichloropropane-d6	6.694	67	146699	56.394	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.780%
41) Toluene-d8	7.899	98	419473	50.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
43) trans-1,3-Dichloroprop...	8.182	79	64162	48.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
47) 2-Hexanone-d5	8.636	63	123821	81.311	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.310%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230519	51.636	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.280%
66) 1,2-Dichlorobenzene-d4	12.195	152	182826	47.017	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	152168	46.154	ug/L	99
3) Chloromethane	1.523	50	146286	46.396	ug/L	100
5) Vinyl chloride	1.607	62	161184	50.125	ug/L	100
6) Bromomethane	1.858	94	67385	38.933	ug/L	95
8) Chloroethane	1.935	64	99299	49.190	ug/L	98
9) Trichlorofluoromethane	2.141	101	215974	47.629	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	138198	52.725	ug/L	98
12) 1,1-Dichloroethene	2.584	96	120426	49.367	ug/L	88
13) Acetone	2.629	43	210385	102.137	ug/L	100
14) Carbon disulfide	2.800	76	311747	40.430	ug/L	100
15) Methyl Acetate	2.951	43	167782	51.081	ug/L	99
16) Methylene chloride	3.051	84	148601	53.086	ug/L	99
17) trans-1,2-Dichloroethene	3.356	96	130790	49.709	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	392410	52.864	ug/L	99
19) 1,1-Dichloroethane	3.874	63	248800	54.829	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	150970	52.338	ug/L	100
22) 2-Butanone	4.703	43	267320	100.746	ug/L	97
23) Bromochloromethane	4.977	128	84992	53.665	ug/L	97
25) Chloroform	5.092	83	267189	54.690	ug/L	99

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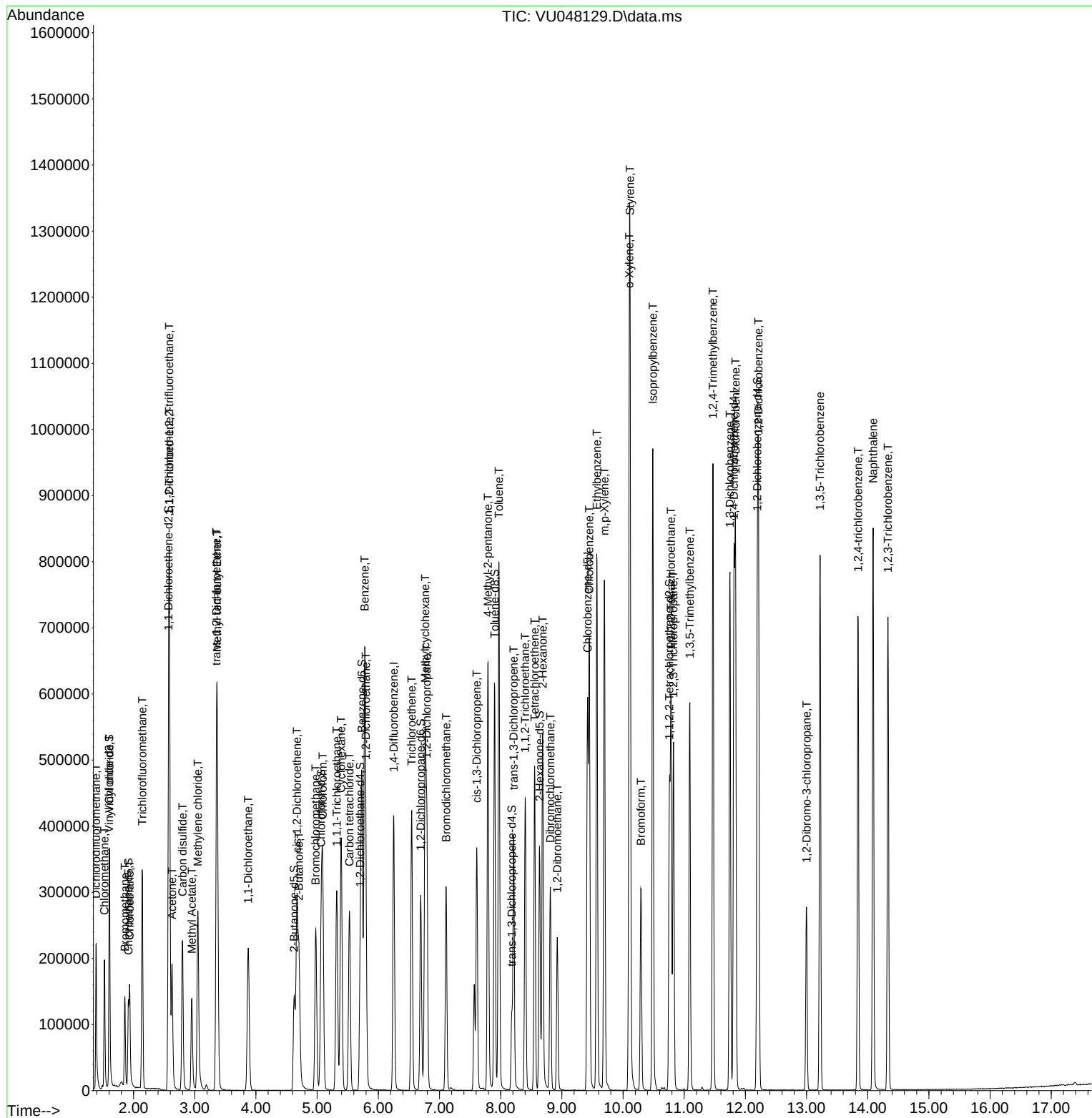
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	194949	51.649	ug/L	99
29) Cyclohexane	5.391	56	179370	52.512	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	219062	57.392	ug/L	99
31) Carbon tetrachloride	5.530	117	190350	55.227	ug/L	99
33) Benzene	5.777	78	570093	58.509	ug/L	100
34) Trichloroethene	6.546	95	144830	56.696	ug/L	99
35) Methylcyclohexane	6.768	83	203855	52.456	ug/L	98
37) 1,2-Dichloropropane	6.793	63	155743	62.876	ug/L	100
38) Bromodichloromethane	7.108	83	201006	59.094	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	219414	57.089	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	406730	103.895	ug/L	98
42) Toluene	7.973	91	598598	55.990	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	211442	55.100	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	139765	53.203	ug/L	98
46) Tetrachloroethene	8.555	164	114246	49.768	ug/L	99
48) 2-Hexanone	8.687	43	320611	95.208	ug/L	99
49) Dibromochloromethane	8.813	129	160791	52.845	ug/L	99
50) 1,2-Dibromoethane	8.925	107	154914	52.601	ug/L	99
51) Chlorobenzene	9.449	112	377554	52.011	ug/L	100
52) Ethylbenzene	9.571	91	573782	51.042	ug/L	100
53) m,p-Xylene	9.697	106	232392	52.686	ug/L	100
54) o-Xylene	10.102	106	242801	56.086	ug/L	98
55) Styrene	10.115	104	430322	58.221	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	285462	57.963	ug/L	99
59) Bromoform	10.295	173	146002	52.240	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	219653	53.310	ug/L	98
61) Isopropylbenzene	10.488	105	631498	53.461	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	325045	50.716	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	509643	52.350	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	350091	53.322	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	354053	52.062	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	349274	53.166	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	66259	50.202	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	274320	51.446	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	235382	50.398	ug/L	100
71) Naphthalene	14.089	128	676495	48.583	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	244935	52.313	ug/L	98

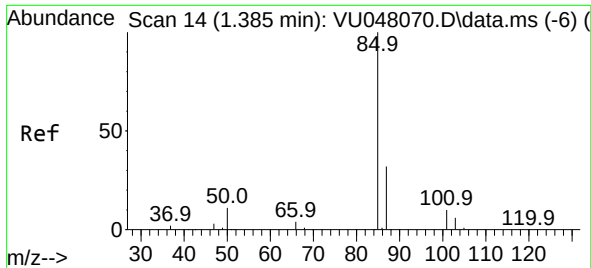
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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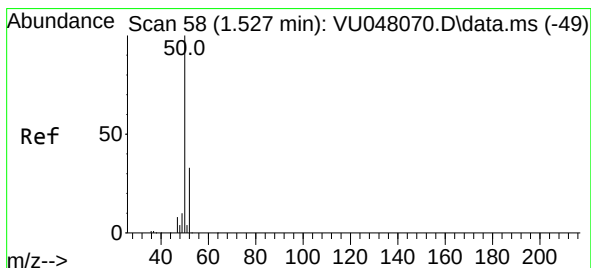
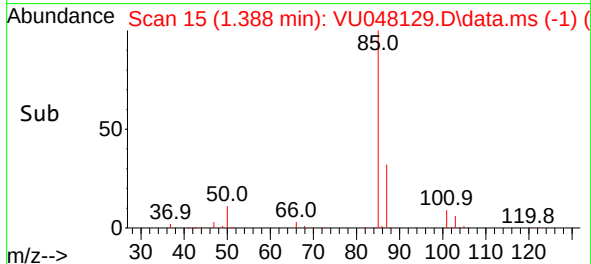
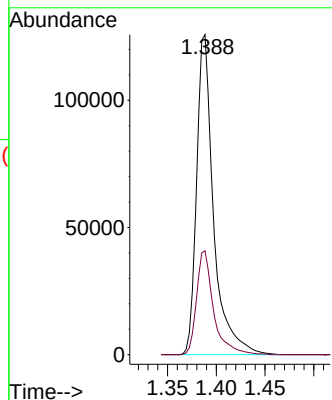
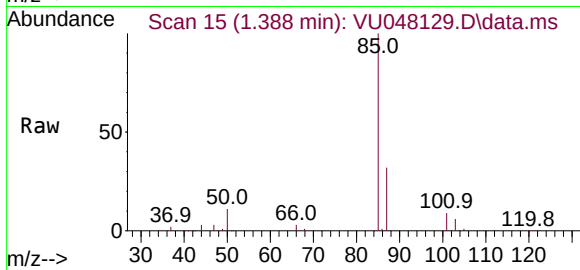




#2
 Dichlorodifluoromethane
 Concen: 46.154 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

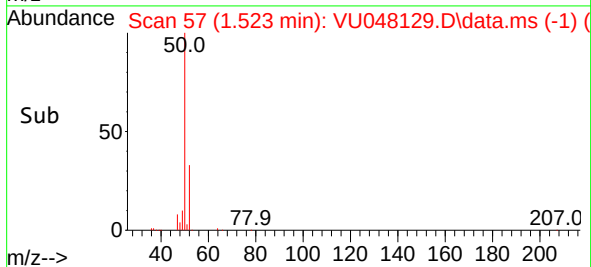
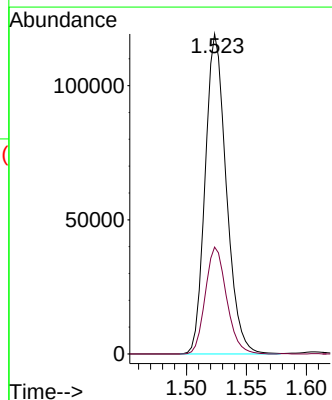
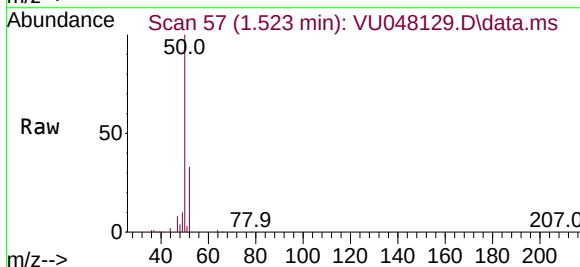
Instrument :
 MSVOA_U
 ClientSampleId :

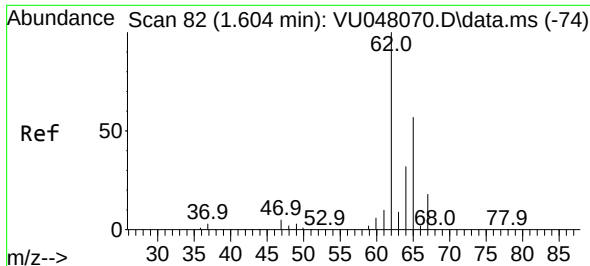
Tgt Ion: 85 Resp: 152168
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.8 38.8



#3
 Chloromethane
 Concen: 46.396 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

Tgt Ion: 50 Resp: 146286
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.2 43.2

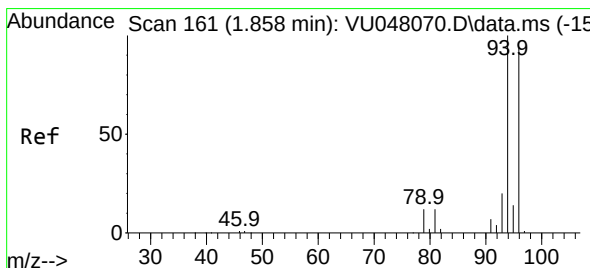
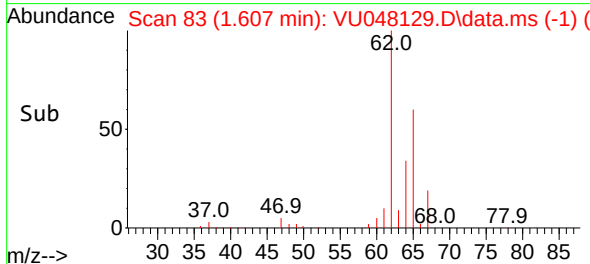
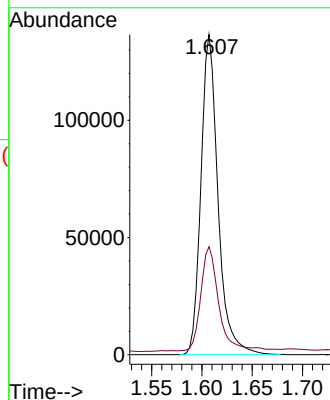
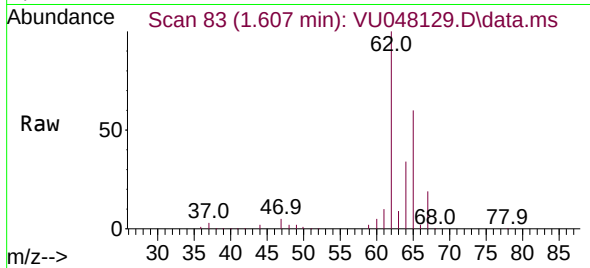




#5
 Vinyl chloride
 Concen: 50.125 ug/L
 RT: 1.607 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

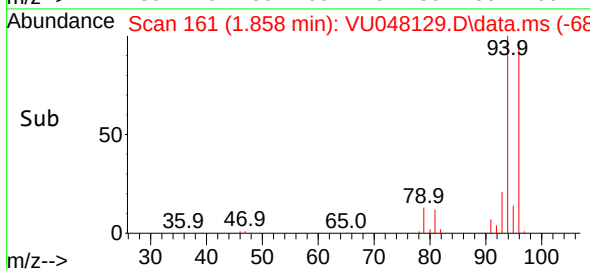
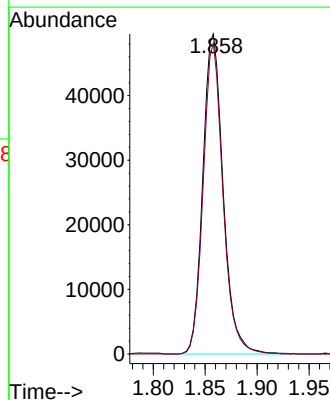
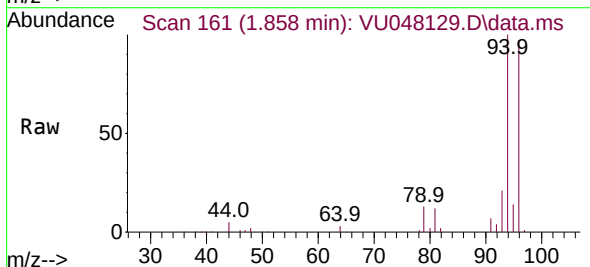
Instrument :
 MSVOA_U
 ClientSampleId :

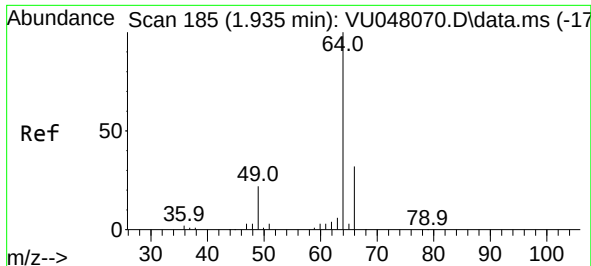
Tgt Ion: 62 Resp: 161184
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.7 43.9



#6
 Bromomethane
 Concen: 38.933 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

Tgt Ion: 94 Resp: 67385
 Ion Ratio Lower Upper
 94 100
 96 97.1 64.8 120.3

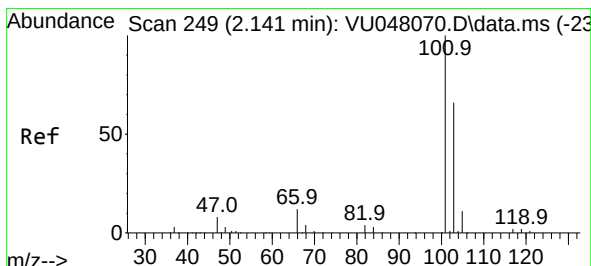
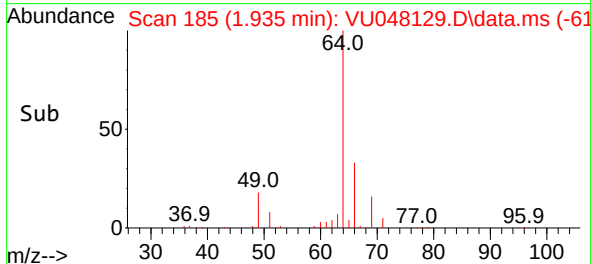
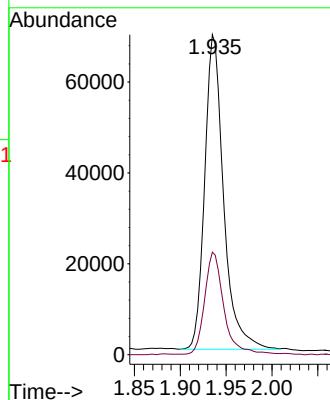
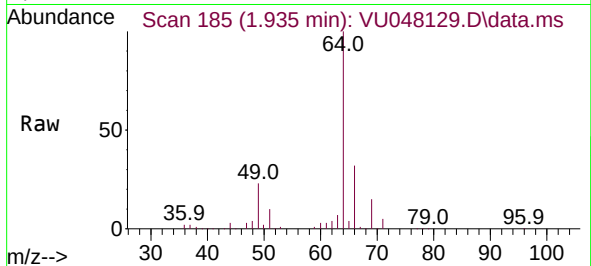




#8
Chloroethane
Concen: 49.190 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

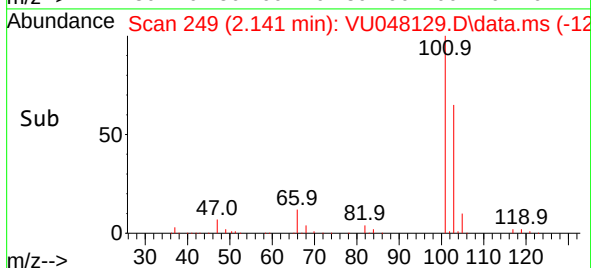
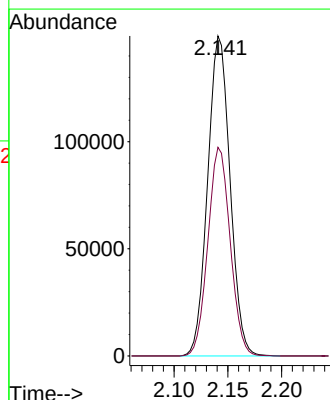
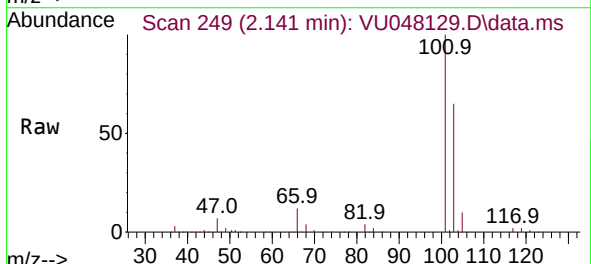
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MSVOA_U
ClientSampleId :

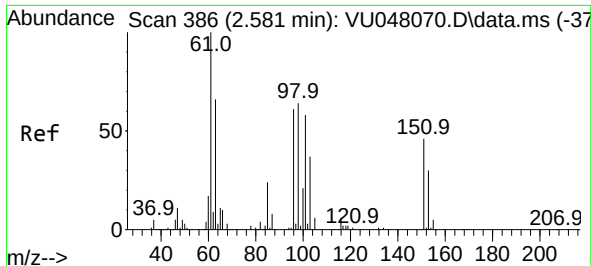
Tgt Ion: 64 Resp: 99299
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 47.629 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:101 Resp: 215974
Ion Ratio Lower Upper
101 100
103 65.0 51.4 77.2





#10

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

Concen: 52.725 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

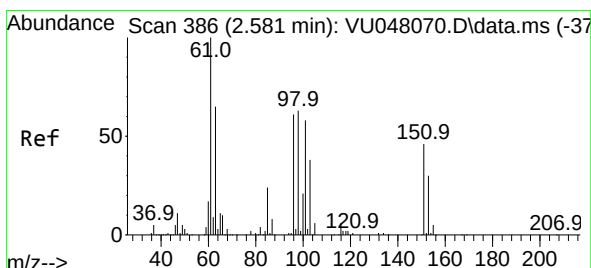
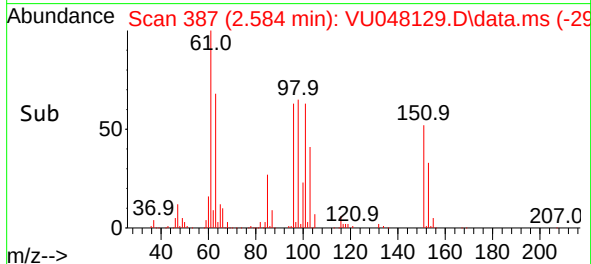
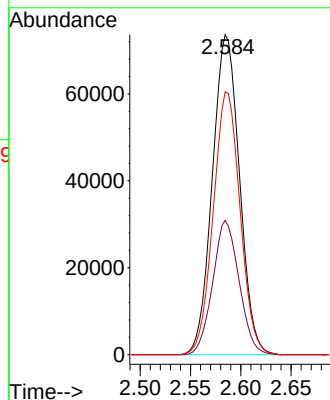
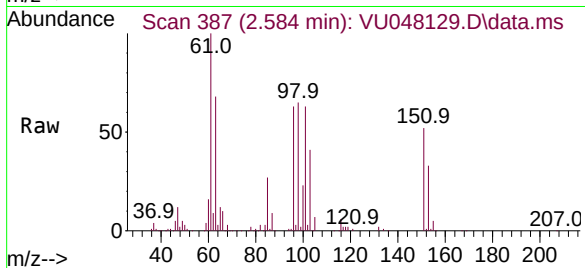
Tgt Ion:101 Resp: 138198

Ion Ratio Lower Upper

101 100

85 40.8 32.8 49.2

151 81.2 63.0 94.6



#12

1,1-Dichloroethene

Concen: 49.367 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

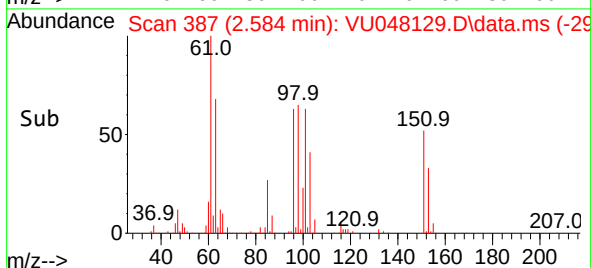
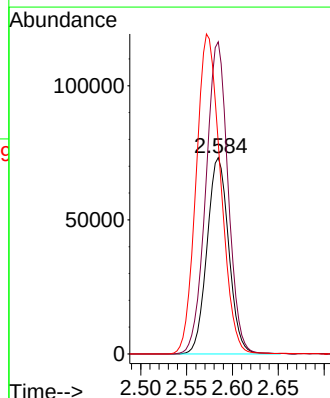
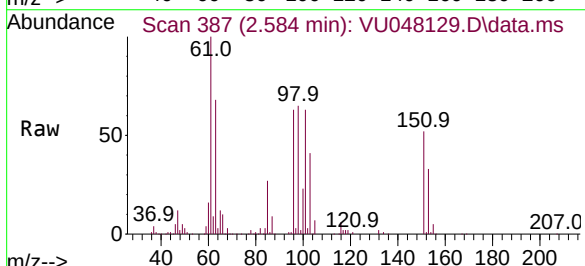
Tgt Ion: 96 Resp: 120426

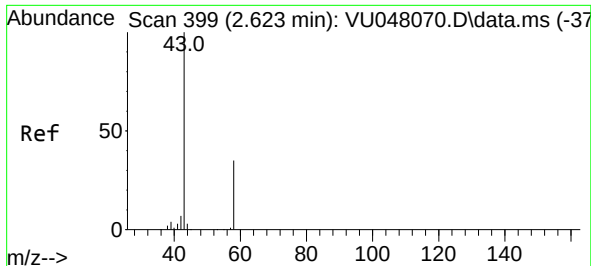
Ion Ratio Lower Upper

96 100

61 159.1 113.1 210.1

63 107.5 94.8 176.0





#13

Acetone

Concen: 102.137 ug/L

RT: 2.629 min Scan# 401

Delta R.T. -0.003 min

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Instrument :

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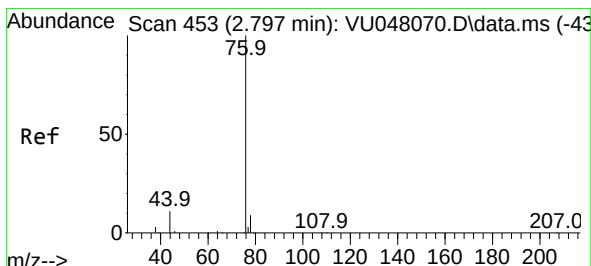
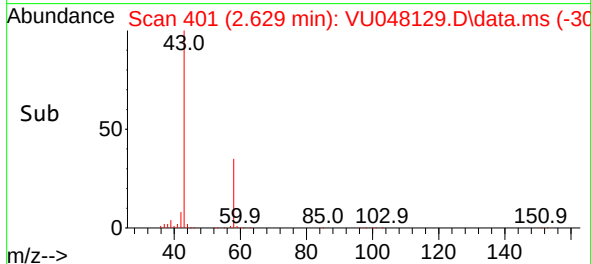
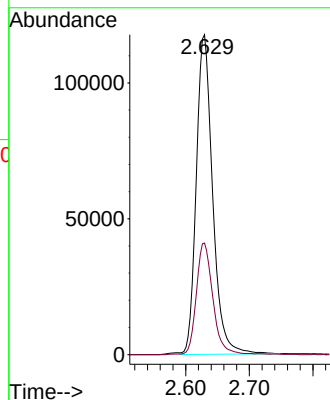
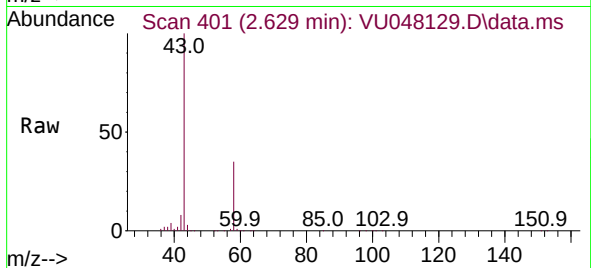
ClientSampleId :

Tgt Ion: 43 Resp: 210385

Ion Ratio Lower Upper

43 100

58 34.7 0.0 70.0



#14

Carbon disulfide

Concen: 40.430 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.003 min

Lab File: VU048129.D

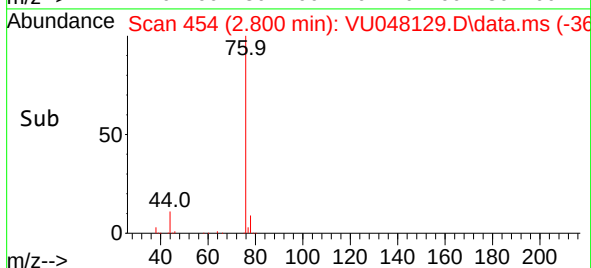
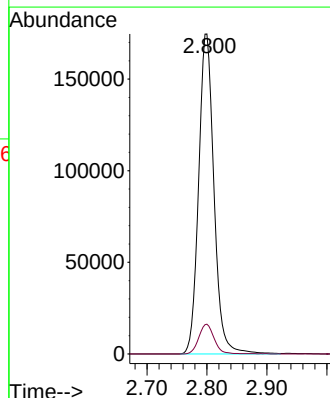
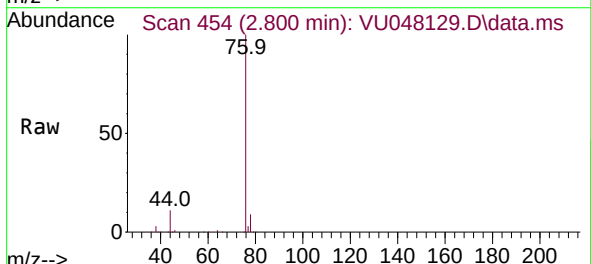
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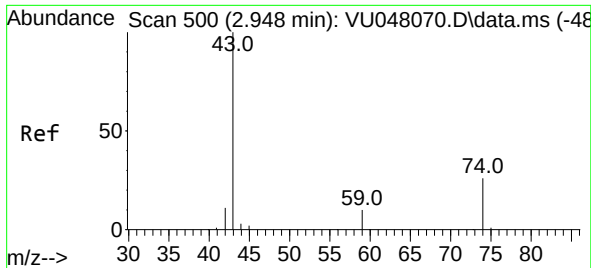
Tgt Ion: 76 Resp: 311747

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0

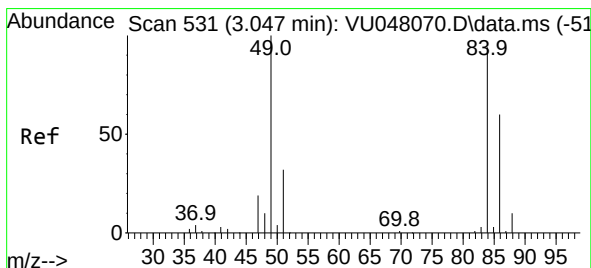
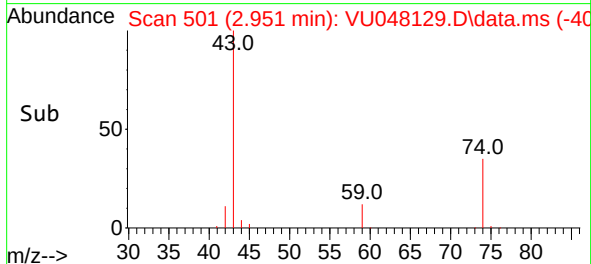
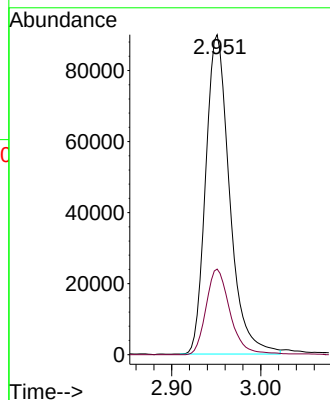
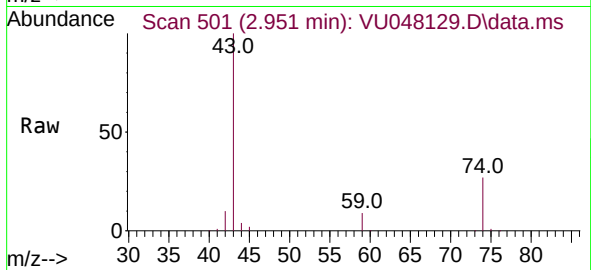




#15
Methyl Acetate
Concen: 51.081 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

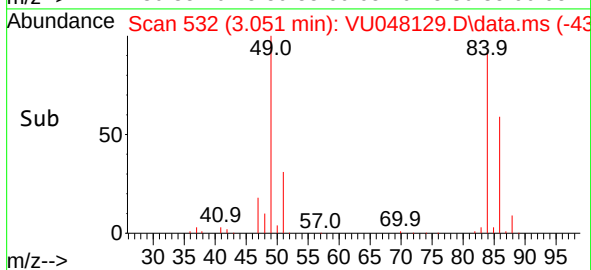
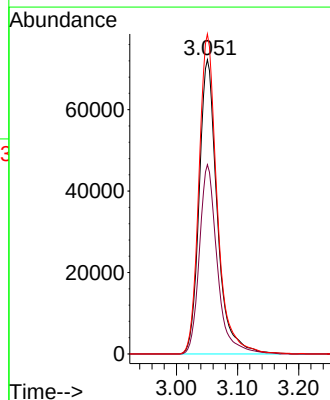
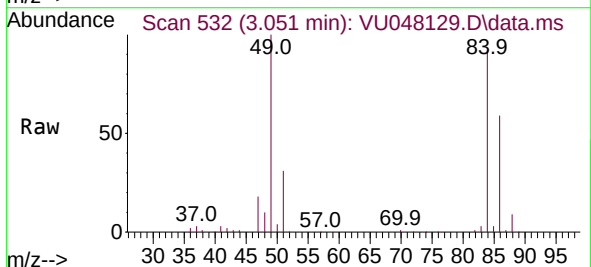
Instrument :
MSVOA_U
ClientSampleId :

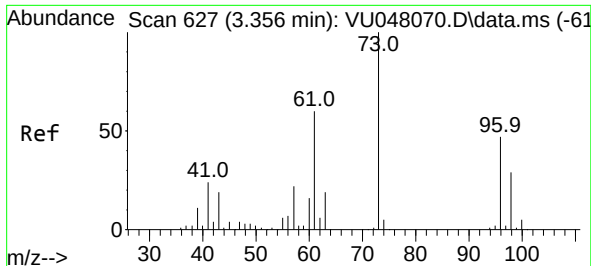
Tgt Ion: 43 Resp: 167782
Ion Ratio Lower Upper
43 100
74 27.0 22.2 33.2



#16
Methylene chloride
Concen: 53.086 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

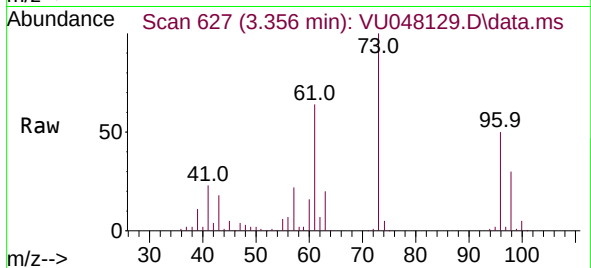
Tgt Ion: 84 Resp: 148601
Ion Ratio Lower Upper
84 100
86 64.3 46.0 85.4
49 108.8 75.3 139.8



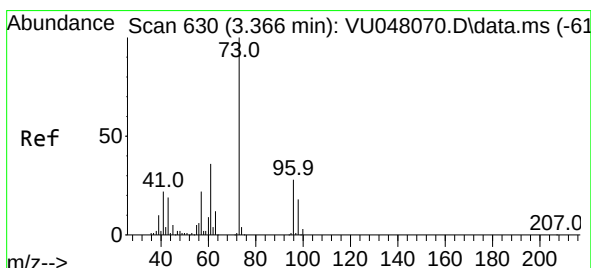
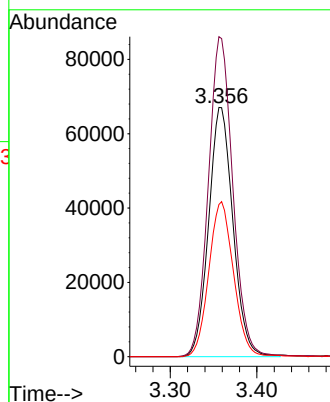
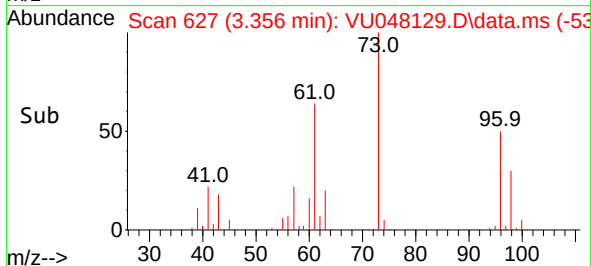


#17
trans-1,2-Dichloroethene
Concen: 49.709 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

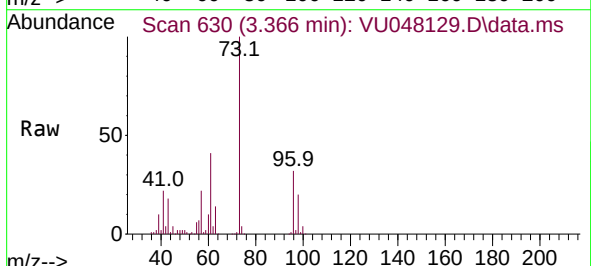
Instrument :
MSVOA_U
ClientSampleId :



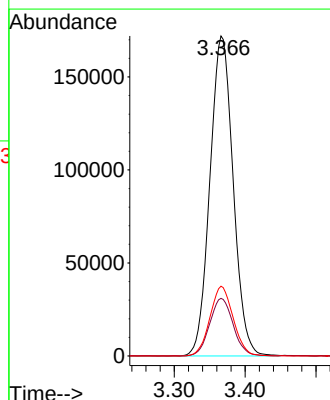
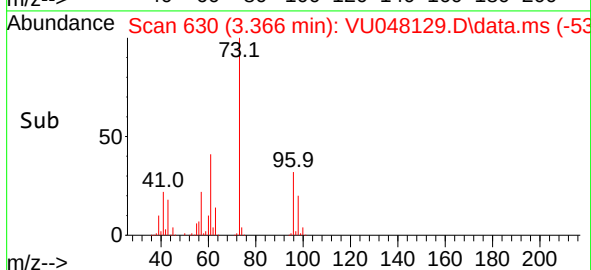
Tgt Ion: 96 Resp: 130790
Ion Ratio Lower Upper
96 100
61 128.4 88.4 164.2
98 61.1 43.3 80.5

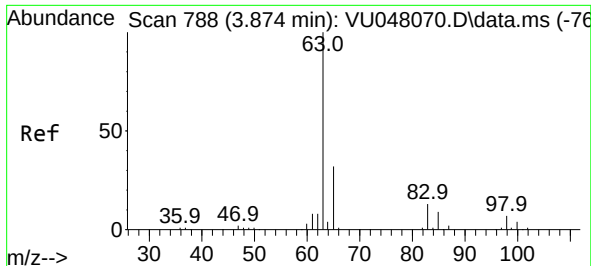


#18
Methyl tert-butyl Ether
Concen: 52.864 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54



Tgt Ion: 73 Resp: 392410
Ion Ratio Lower Upper
73 100
43 18.2 15.3 22.9
57 21.8 17.0 25.6





#19

1,1-Dichloroethane

Concen: 54.829 ug/L

RT: 3.874 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

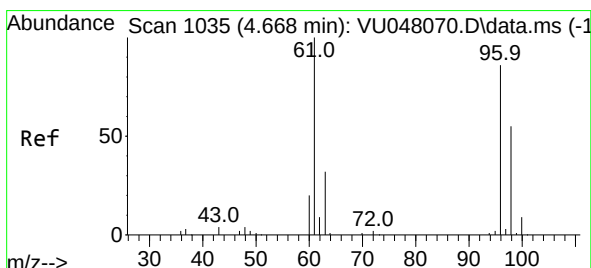
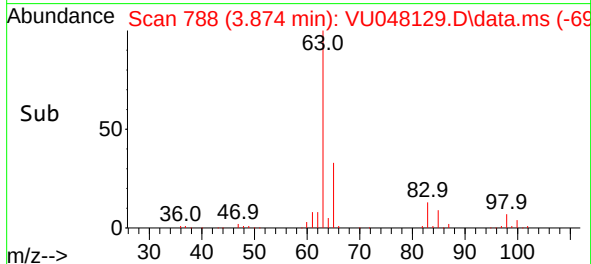
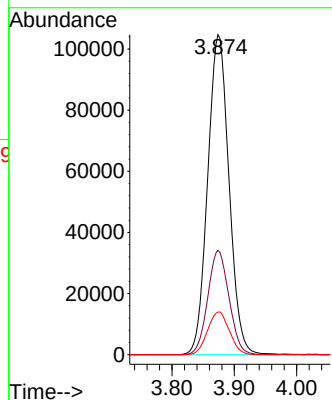
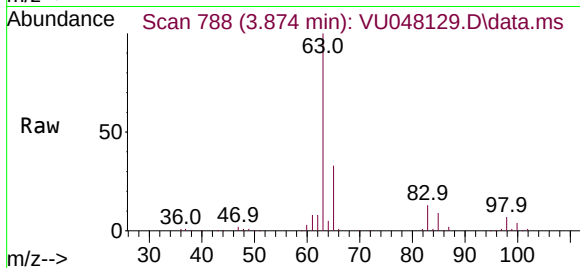
Tgt Ion: 63 Resp: 248800

Ion Ratio Lower Upper

63 100

65 32.6 22.0 41.0

83 13.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 52.338 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

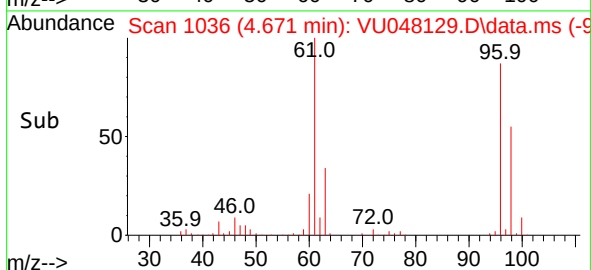
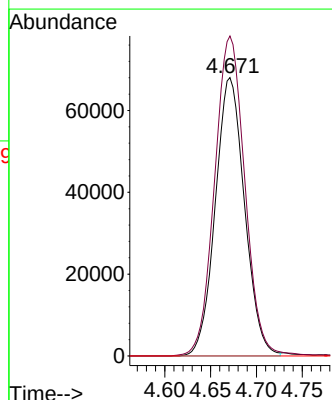
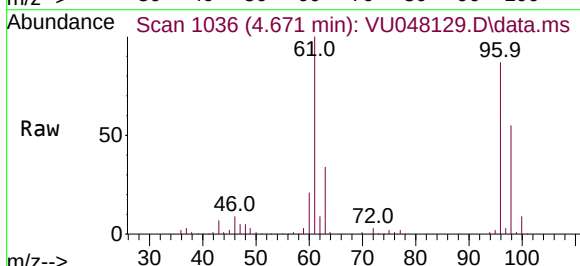
Tgt Ion: 96 Resp: 150970

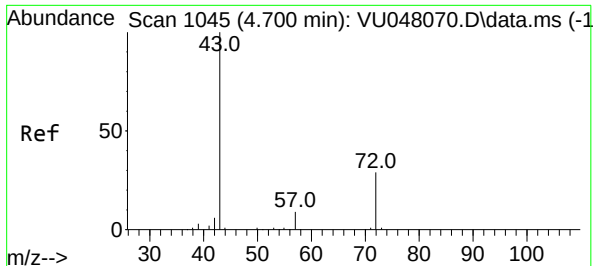
Ion Ratio Lower Upper

96 100

61 115.0 80.7 149.9

68 0.0 0.0 0.0

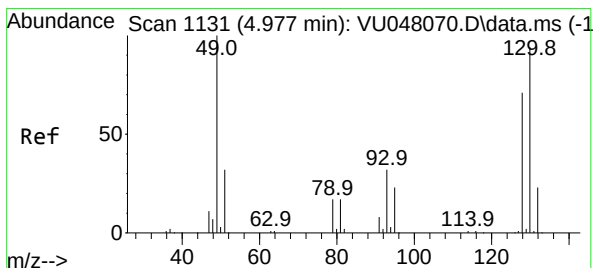
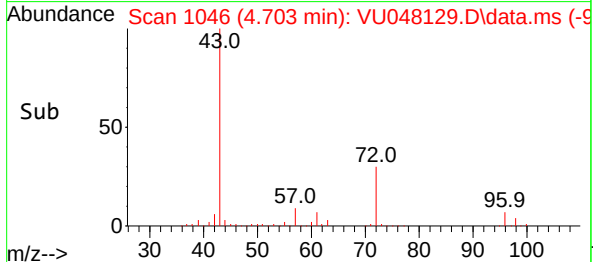
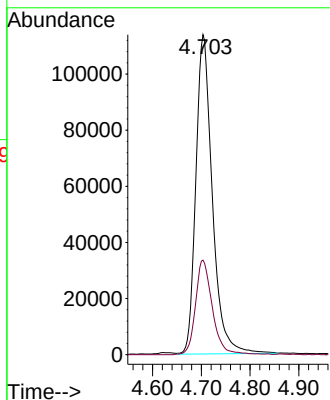
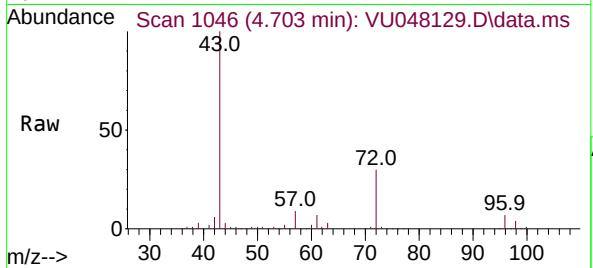




#22
2-Butanone
Concen: 100.746 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

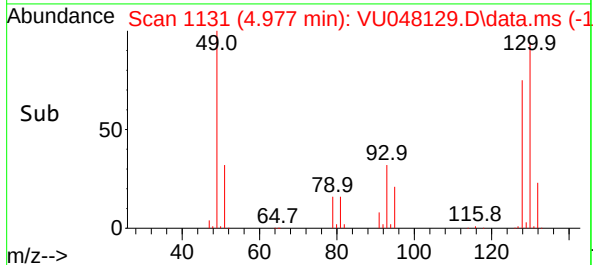
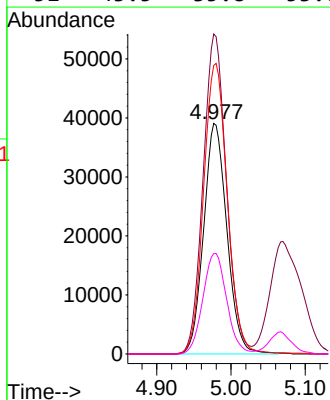
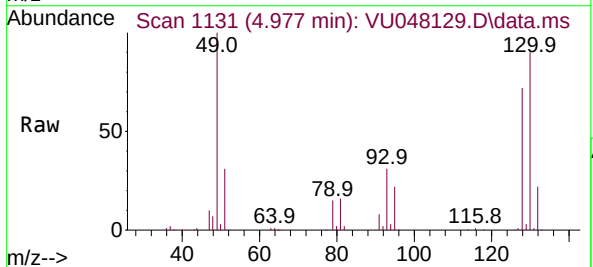
Instrument :
MSVOA_U
ClientSampleId :

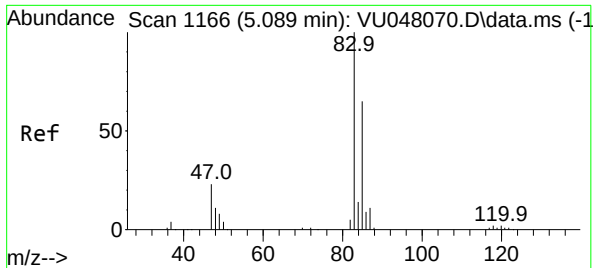
Tgt Ion: 43 Resp: 267320
Ion Ratio Lower Upper
43 100
72 30.0 16.0 47.9



#23
Bromochloromethane
Concen: 53.665 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:128 Resp: 84992
Ion Ratio Lower Upper
128 100
49 138.8 94.1 174.8
130 125.1 90.2 167.4
51 43.5 35.8 53.6

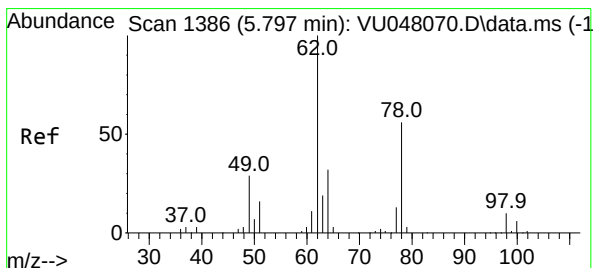
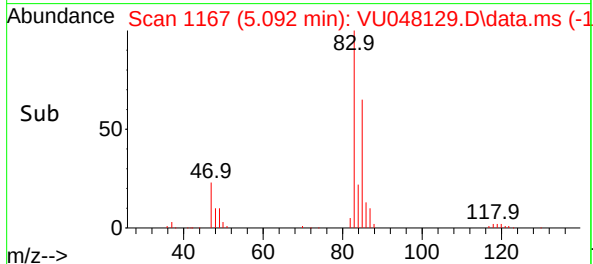
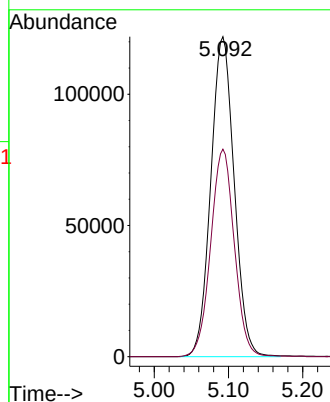
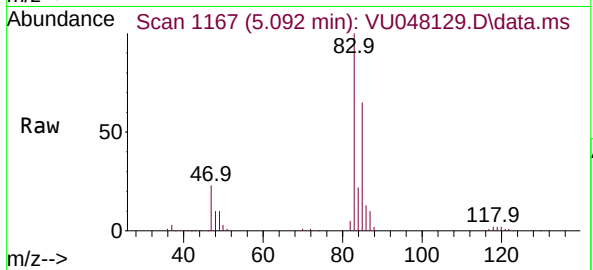




#25
Chloroform
Concen: 54.690 ug/L
RT: 5.092 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

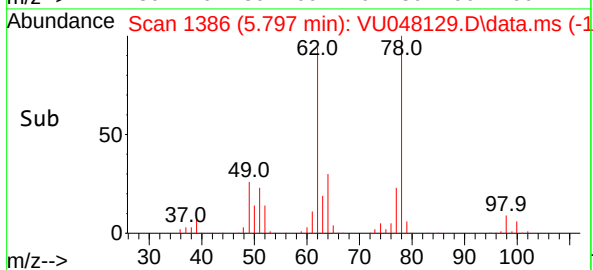
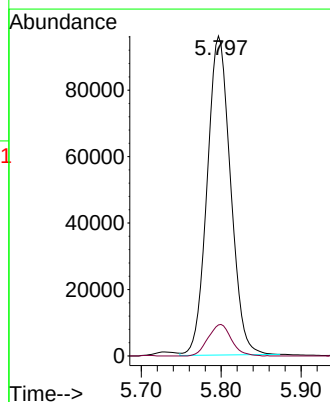
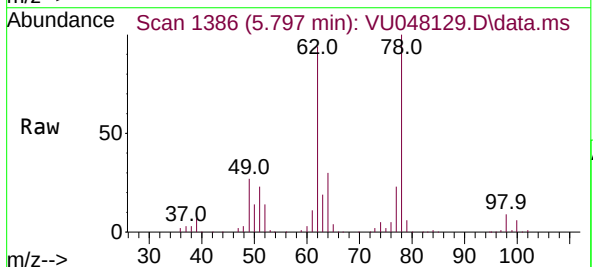
Instrument :
MSVOA_U
ClientSampleId :

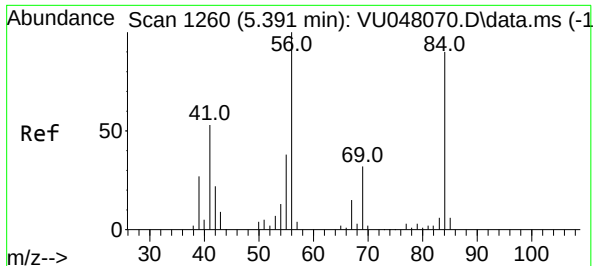
Tgt Ion: 83 Resp: 267189
Ion Ratio Lower Upper
83 100
85 64.8 46.2 85.8



#27
1,2-Dichloroethane
Concen: 51.649 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 62 Resp: 194949
Ion Ratio Lower Upper
62 100
98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 52.512 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

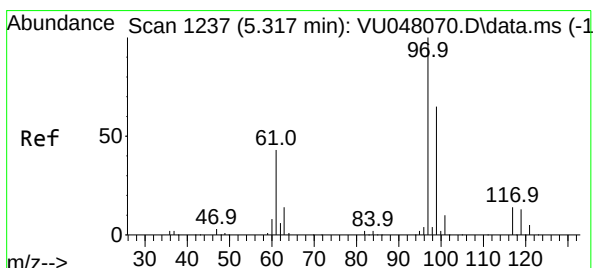
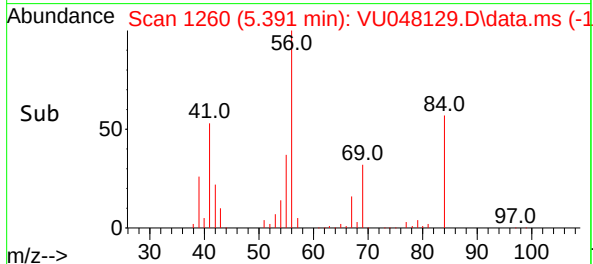
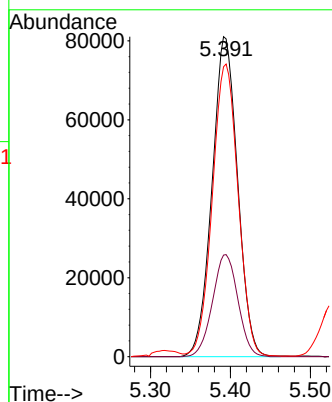
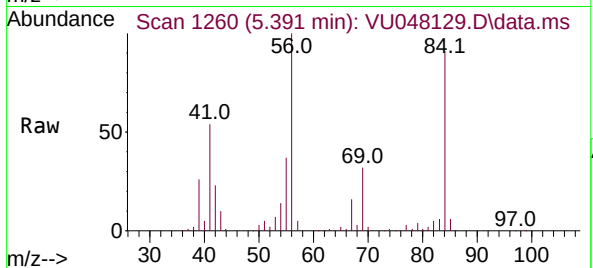
Tgt Ion: 56 Resp: 179370

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 92.8 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 57.392 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

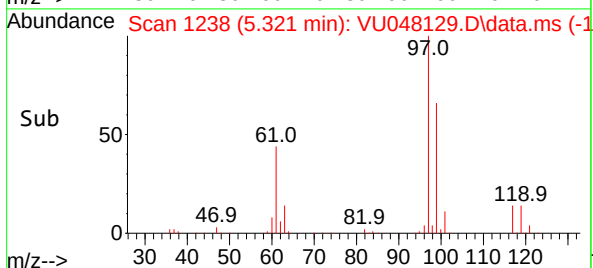
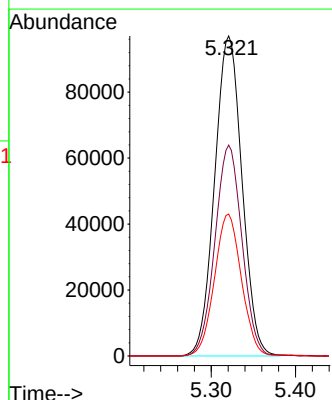
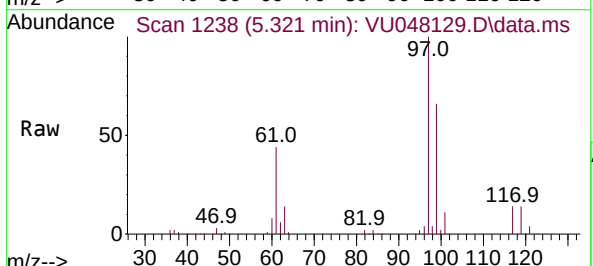
Tgt Ion: 97 Resp: 219062

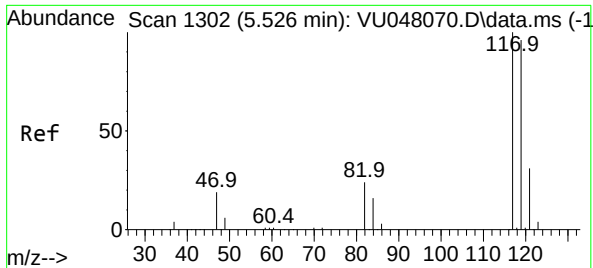
Ion Ratio Lower Upper

97 100

99 65.1 51.6 77.4

61 43.6 34.2 51.4

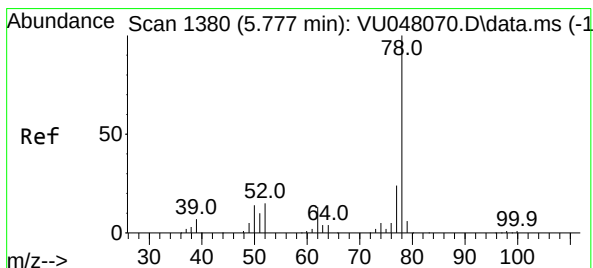
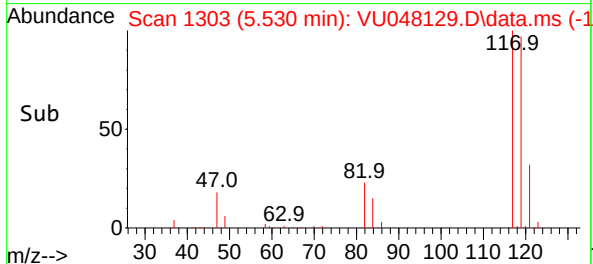
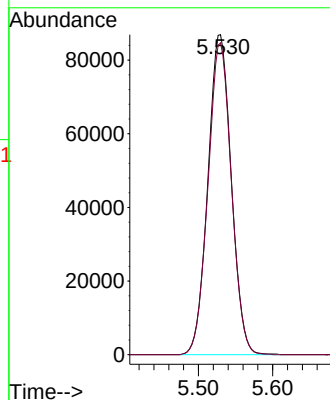
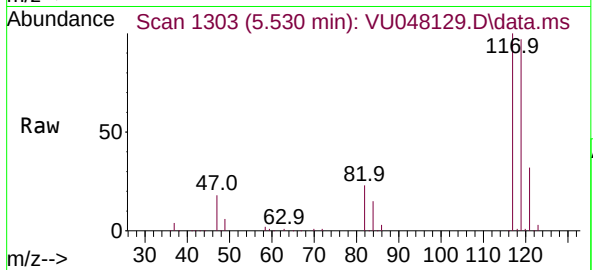




#31
Carbon tetrachloride
Concen: 55.227 ug/L
RT: 5.530 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

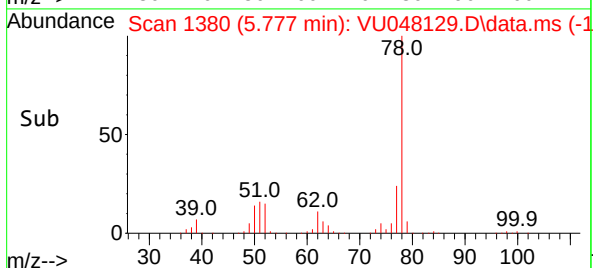
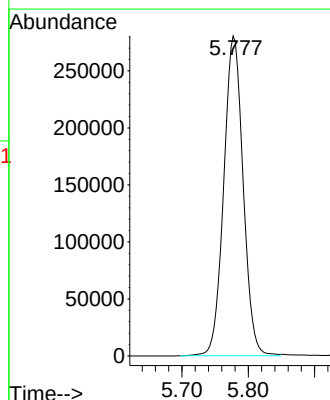
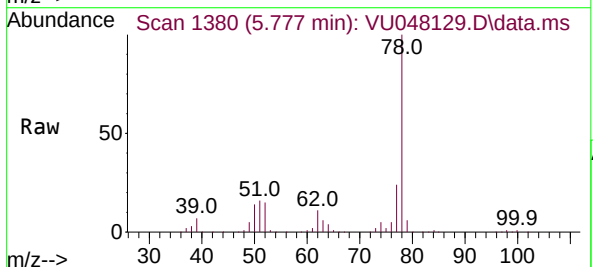
Instrument :
MSVOA_U
ClientSampleId :

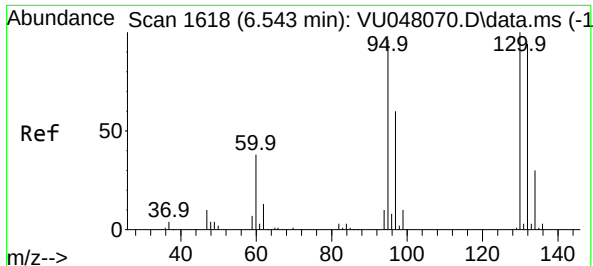
Tgt Ion:117 Resp: 190350
Ion Ratio Lower Upper
117 100
119 97.1 77.2 115.8



#33
Benzene
Concen: 58.509 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 78 Resp: 570093

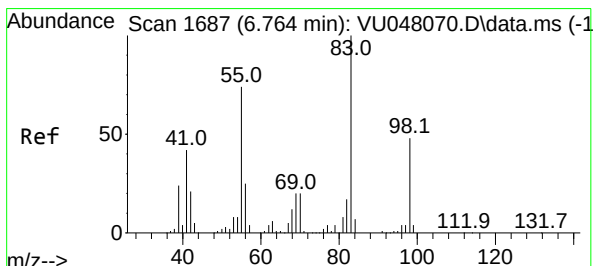
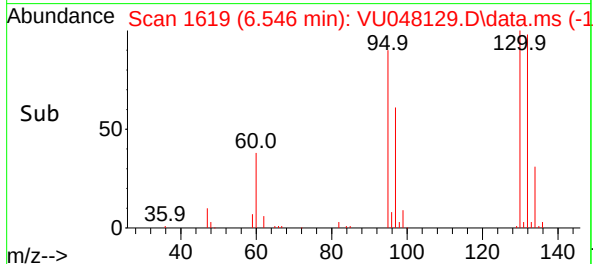
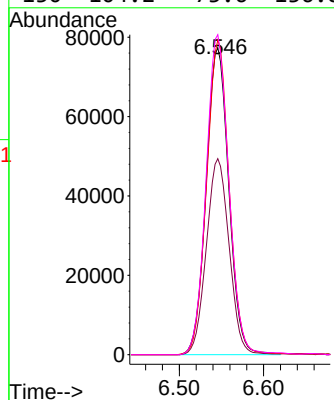
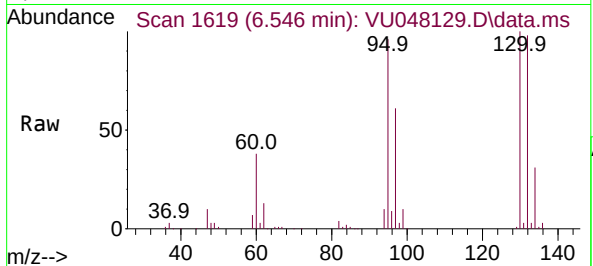




#34
Trichloroethene
Concen: 56.696 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

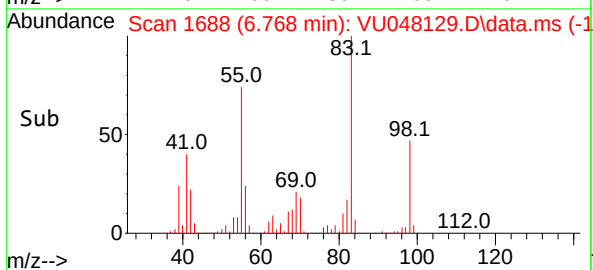
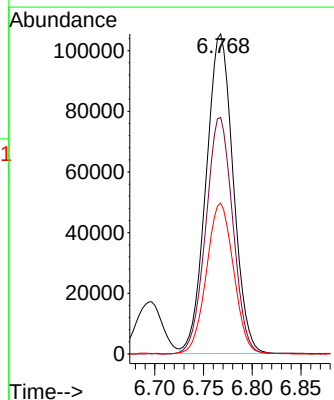
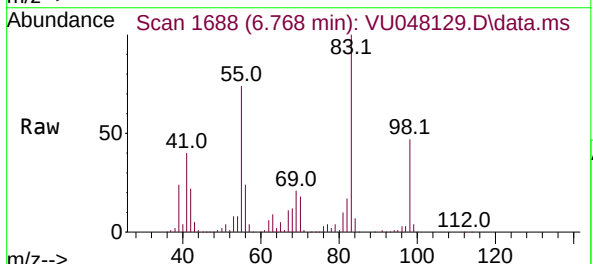
Instrument :
MSVOA_U
ClientSampleId :

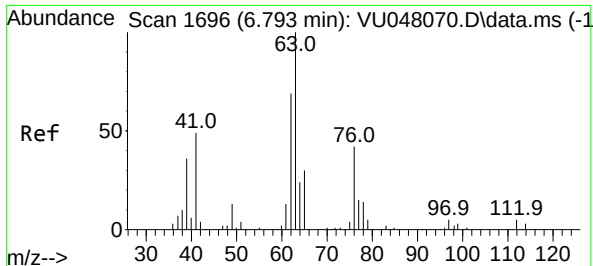
Tgt Ion: 95 Resp: 144830
Ion Ratio Lower Upper
95 100
97 63.9 44.7 82.9
132 102.5 70.4 130.8
130 104.2 73.6 136.8



#35
Methylcyclohexane
Concen: 52.456 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 83 Resp: 203855
Ion Ratio Lower Upper
83 100
55 73.8 56.8 85.2
98 47.3 38.1 57.1





#37

1,2-Dichloropropane

Concen: 62.876 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

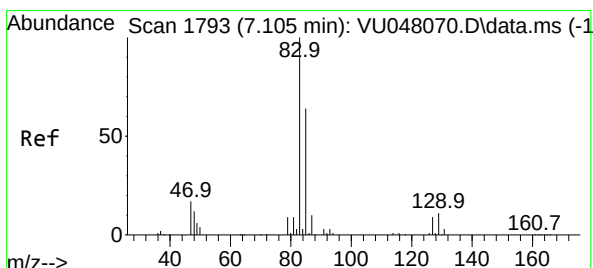
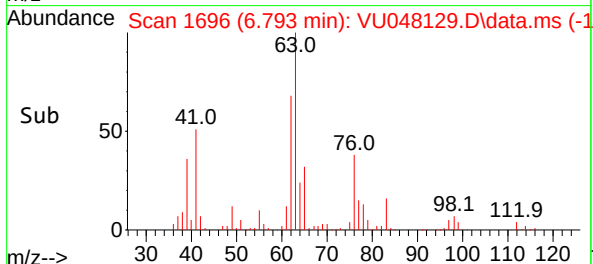
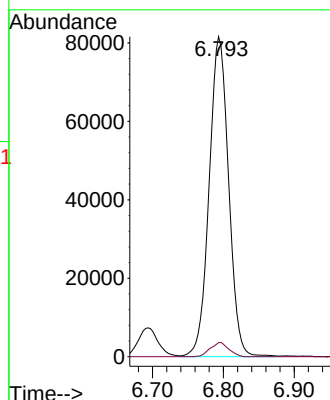
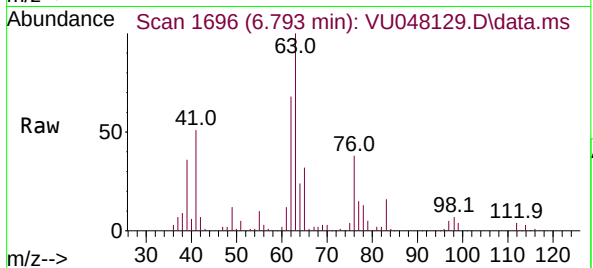
ClientSampleId :

Tgt Ion: 63 Resp: 155743

Ion Ratio Lower Upper

63 100

112 4.2 3.4 5.2



#38

Bromodichloromethane

Concen: 59.094 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

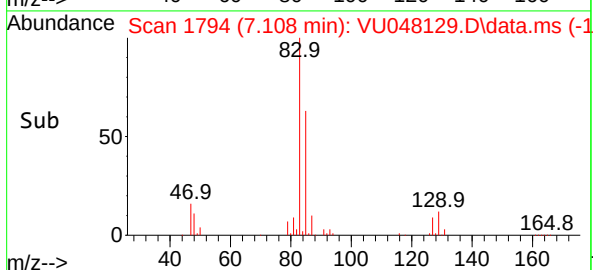
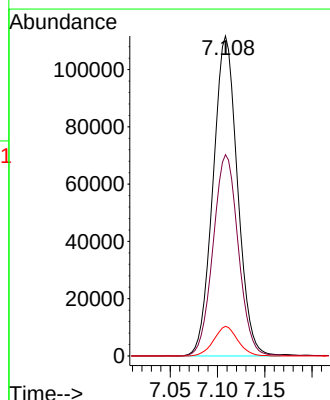
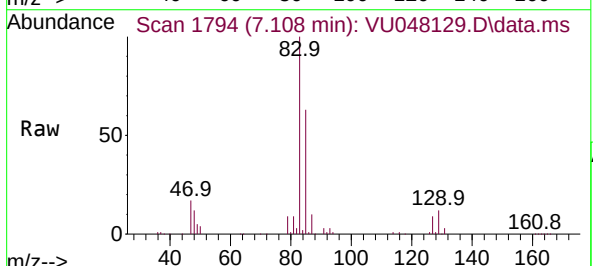
Tgt Ion: 83 Resp: 201006

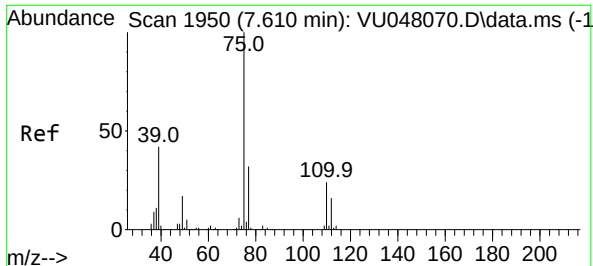
Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.4

127 9.3 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 57.089 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

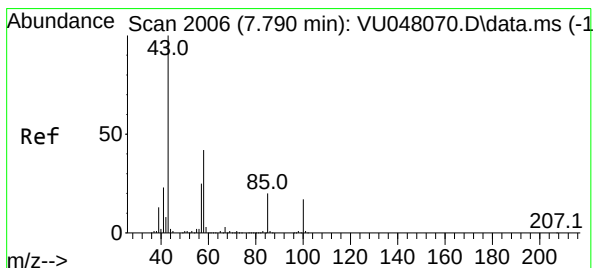
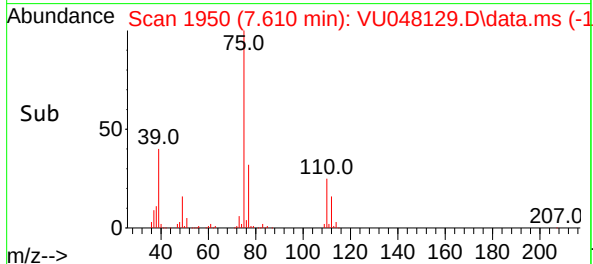
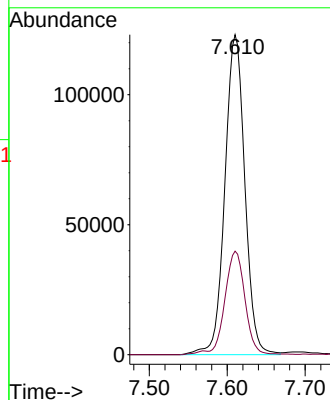
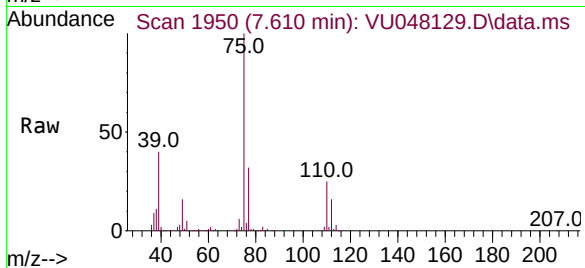
ClientSampleId :

Tgt Ion: 75 Resp: 219414

Ion Ratio Lower Upper

75 100

77 32.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 103.895 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

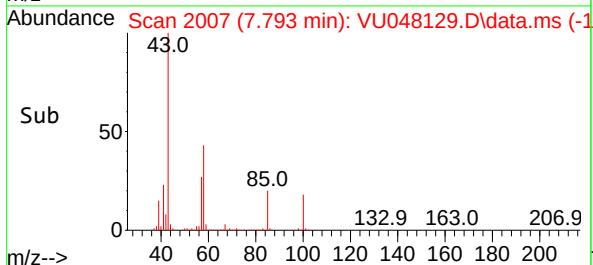
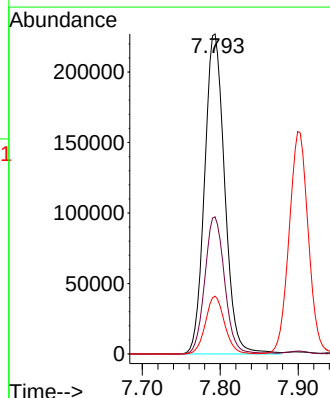
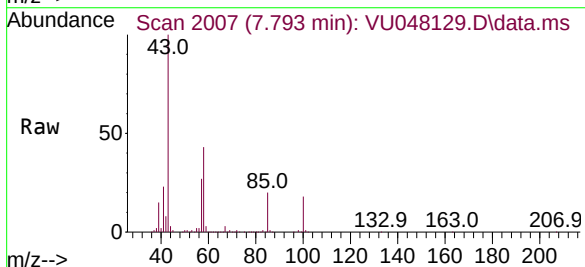
Tgt Ion: 43 Resp: 406730

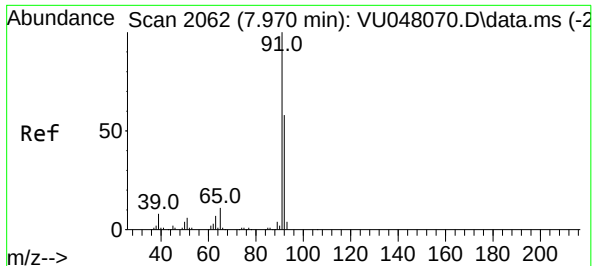
Ion Ratio Lower Upper

43 100

58 42.2 34.7 52.1

100 17.2 14.2 21.2

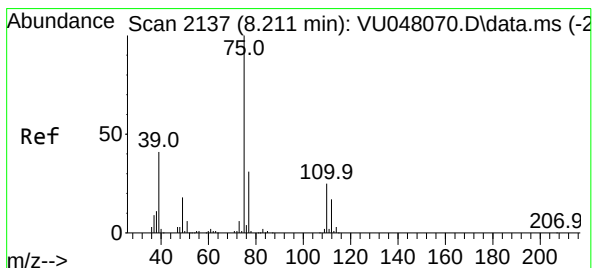
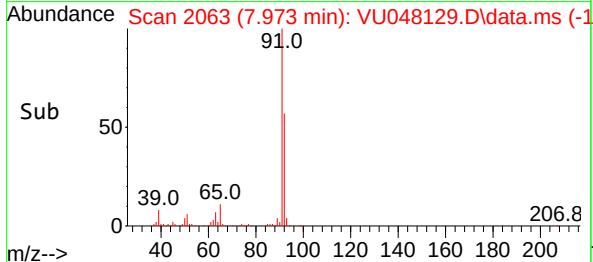
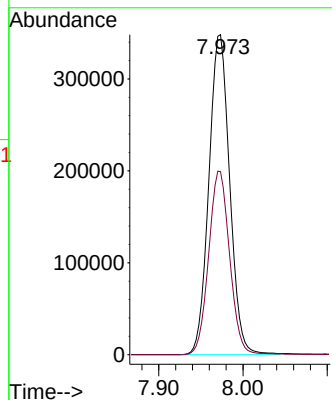
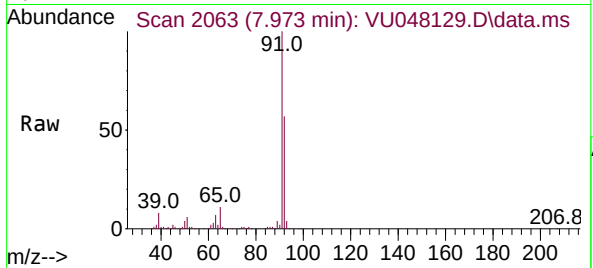




#42
Toluene
Concen: 55.990 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

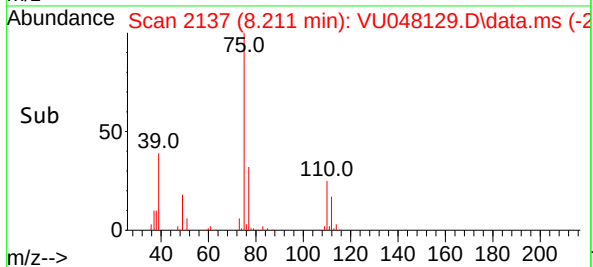
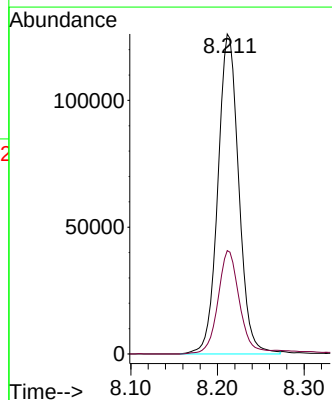
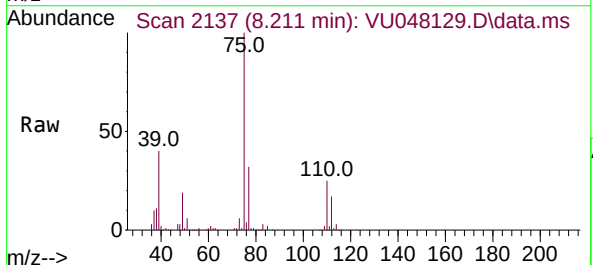
Instrument :
MSVOA_U
ClientSampleId :

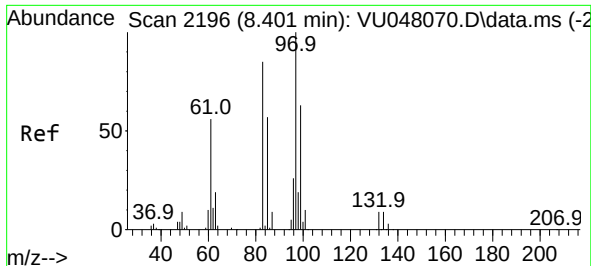
Tgt Ion: 91 Resp: 598598
Ion Ratio Lower Upper
91 100
92 57.2 40.4 75.0



#44
trans-1,3-Dichloropropene
Concen: 55.100 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

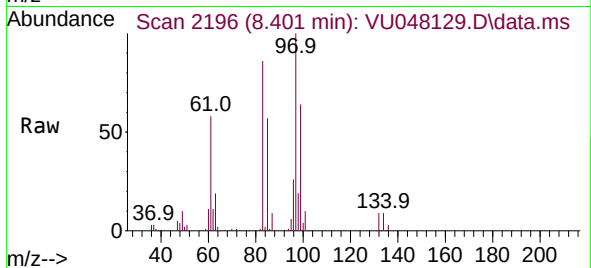
Tgt Ion: 75 Resp: 211442
Ion Ratio Lower Upper
75 100
77 32.3 22.0 40.8



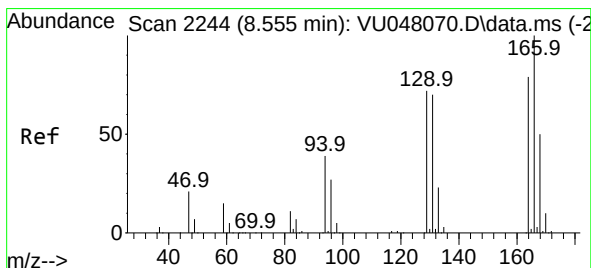
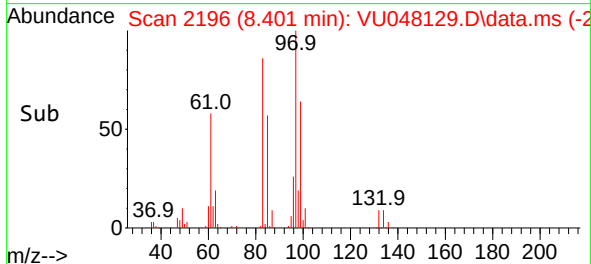
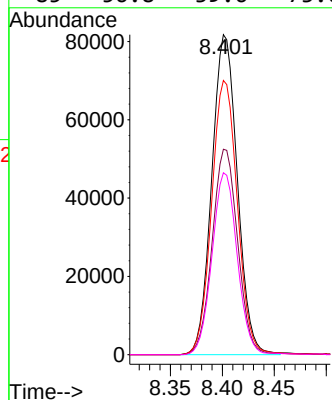


#45
1,1,2-Trichloroethane
Concen: 53.203 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Instrument :
MSVOA_U
ClientSampleId :

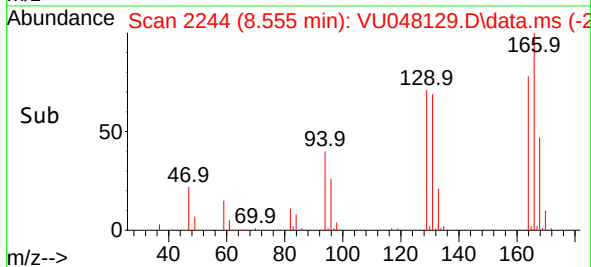
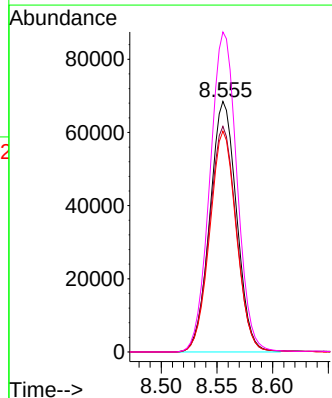
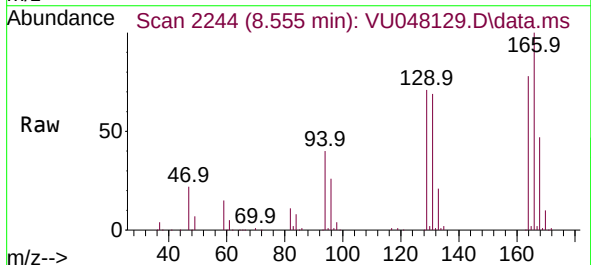


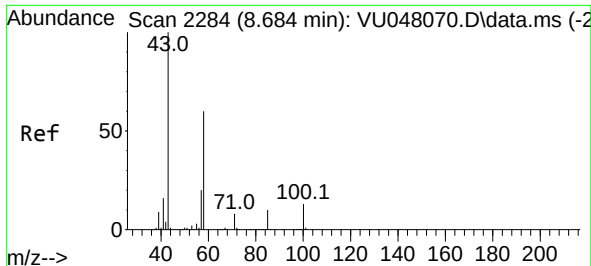
Tgt Ion:	97	Resp:	139765
Ion	Ratio	Lower	Upper
97	100		
99	64.2	43.3	80.3
83	85.7	61.0	113.4
85	56.8	39.6	73.6



#46
Tetrachloroethene
Concen: 49.768 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:	164	Resp:	114246
Ion	Ratio	Lower	Upper
164	100		
129	90.1	62.4	116.0
131	88.2	60.7	112.7
166	127.7	89.0	165.4

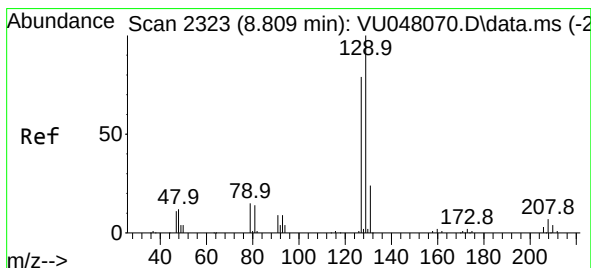
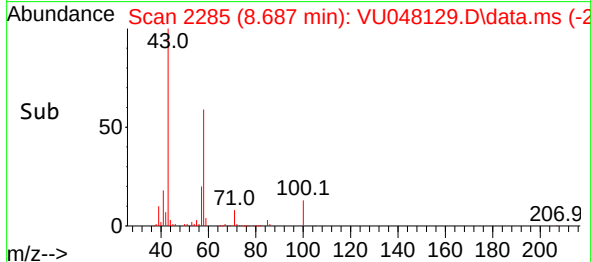
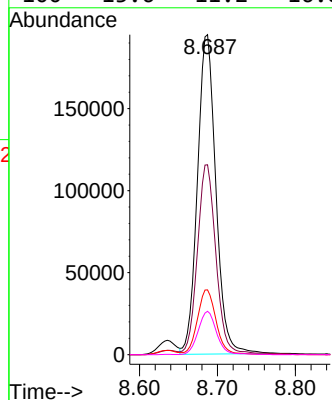
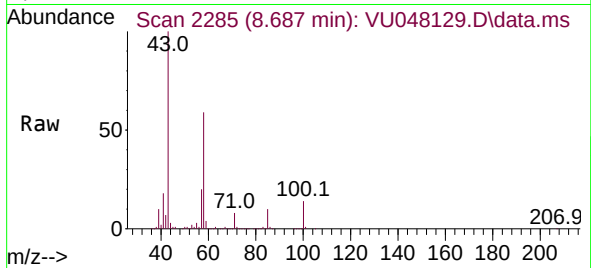




#48
2-Hexanone
Concen: 95.208 ug/L
RT: 8.687 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

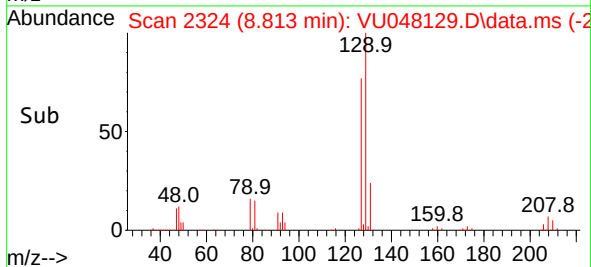
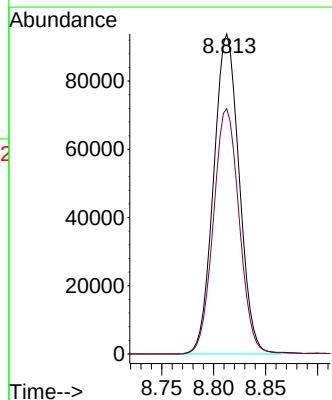
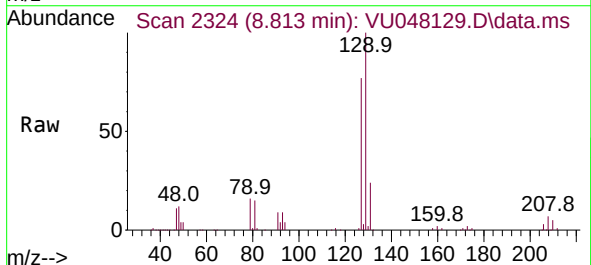
Instrument :
MSVOA_U
ClientSampleId :

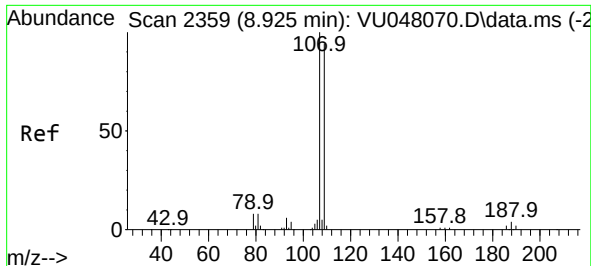
Tgt Ion: 43 Resp: 320611
Ion Ratio Lower Upper
43 100
58 58.7 48.1 72.1
57 20.3 16.2 24.4
100 13.6 11.2 16.8



#49
Dibromochloromethane
Concen: 52.845 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 129 Resp: 160791
Ion Ratio Lower Upper
129 100
127 76.7 54.2 100.6





#50

1,2-Dibromoethane

Concen: 52.601 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU048129.D

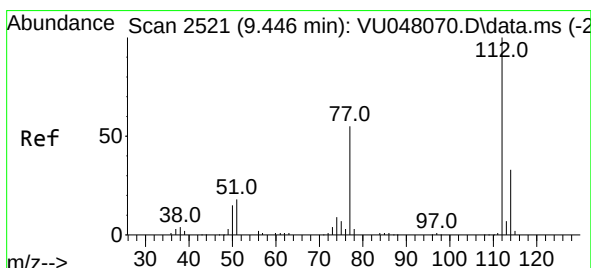
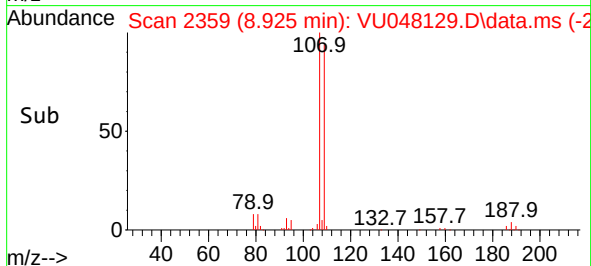
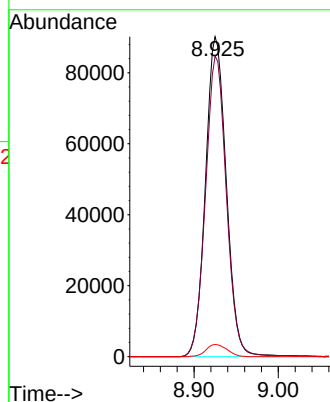
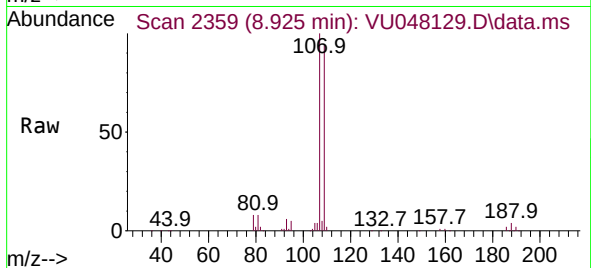
Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	154914
Ion	Ratio	Lower	Upper
107	100		
109	93.9	66.6	123.6
188	3.8	3.4	5.2



#51

Chlorobenzene

Concen: 52.011 ug/L

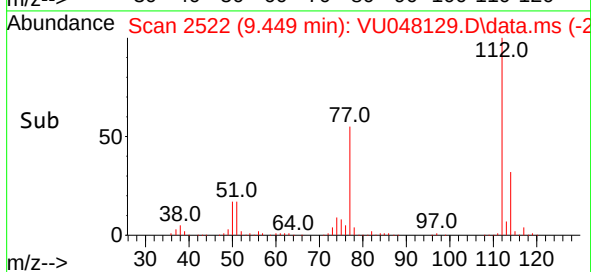
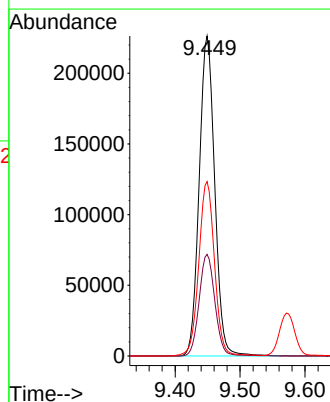
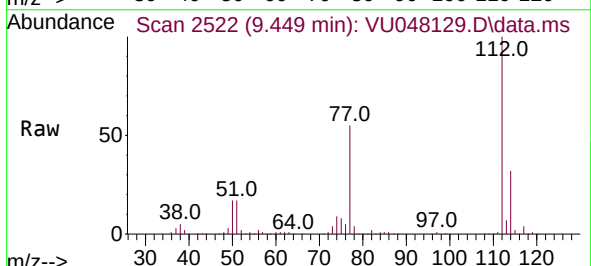
RT: 9.449 min Scan# 2522

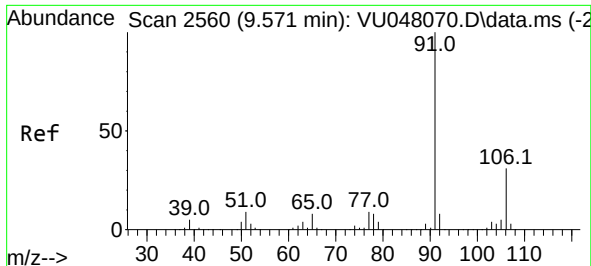
Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Tgt Ion:	112	Resp:	377554
Ion	Ratio	Lower	Upper
112	100		
114	31.8	22.1	41.1
77	54.5	43.4	65.0

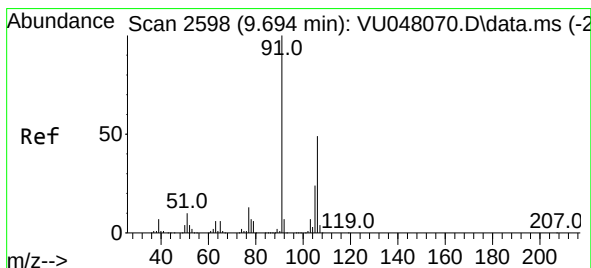
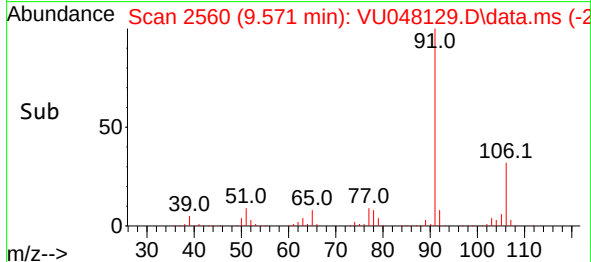
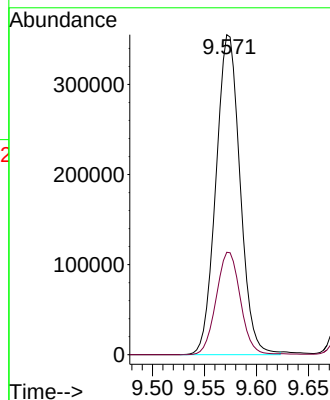
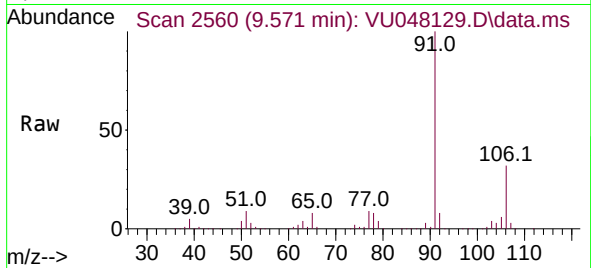




#52
Ethylbenzene
Concen: 51.042 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

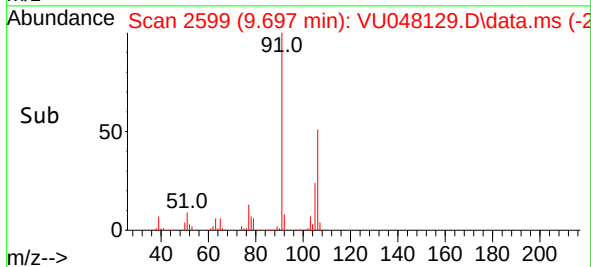
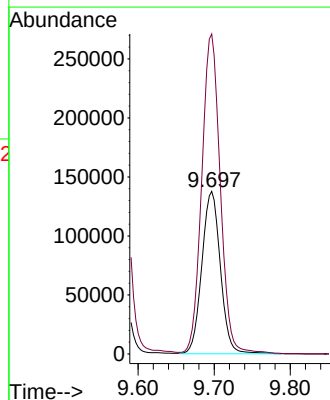
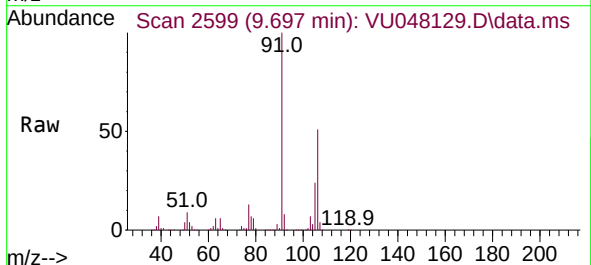
Instrument :
MSVOA_U
ClientSampleId :

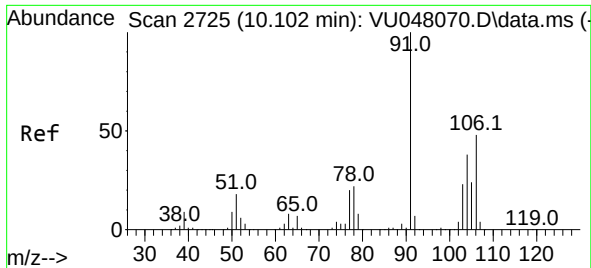
Tgt Ion: 91 Resp: 573782
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 52.686 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 106 Resp: 232392
Ion Ratio Lower Upper
106 100
91 196.9 137.7 255.7

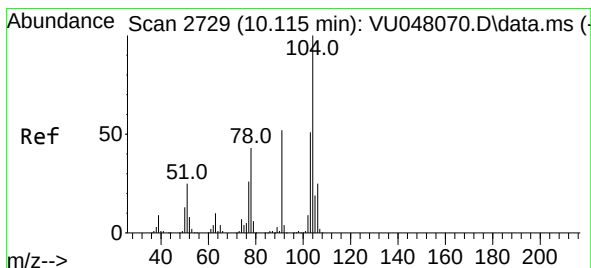
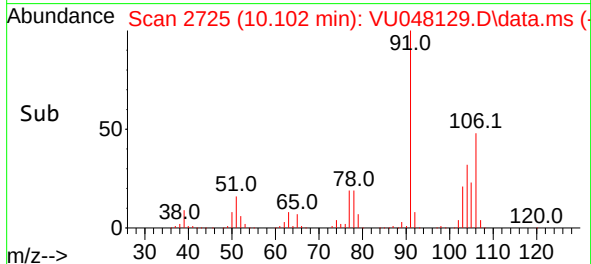
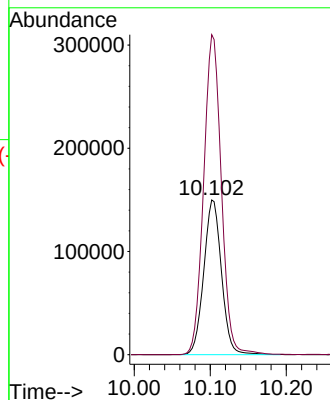
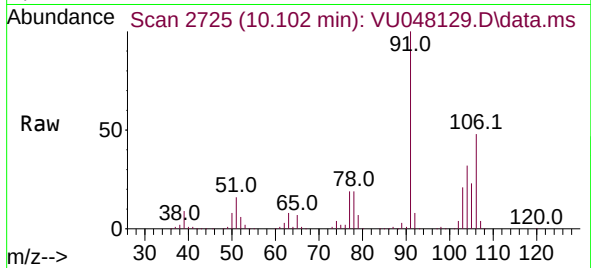




#54
o-Xylene
Concen: 56.086 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

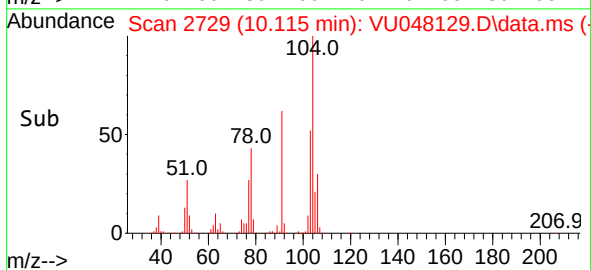
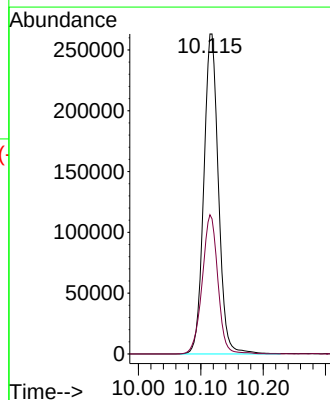
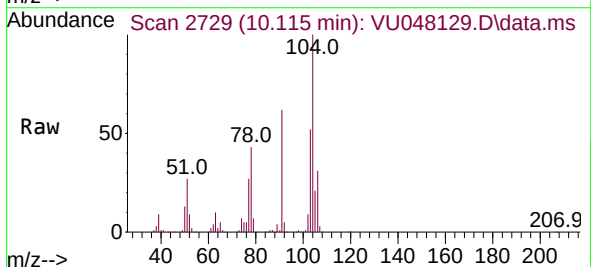
Instrument :
MSVOA_U
ClientSampleId :

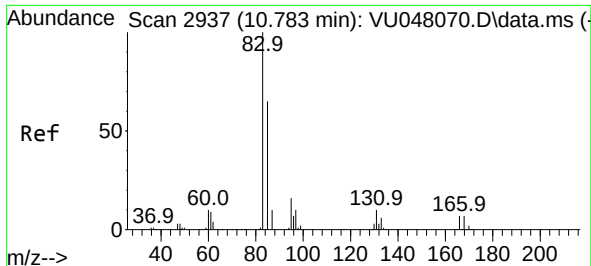
Tgt Ion:106 Resp: 242801
Ion Ratio Lower Upper
106 100
91 206.7 146.7 272.5



#55
Styrene
Concen: 58.221 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:104 Resp: 430322
Ion Ratio Lower Upper
104 100
78 43.5 30.4 56.4





#57

1,1,2,2-Tetrachloroethane

Concen: 57.963 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

Instrument :

MSVOA_U

ClientSampleId :

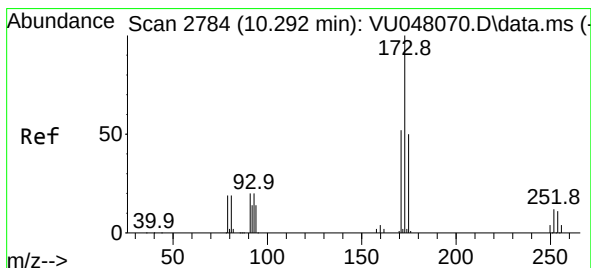
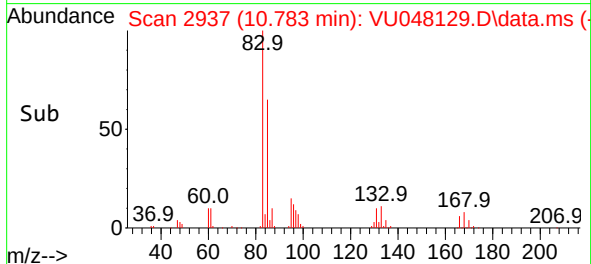
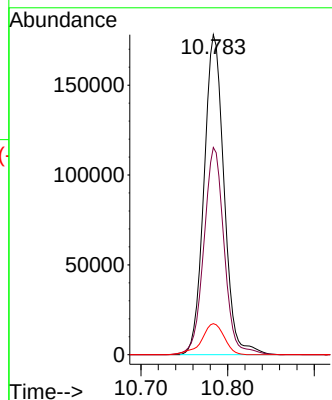
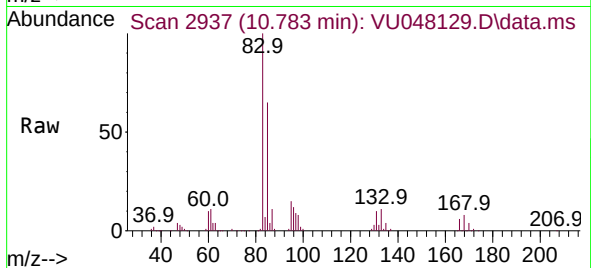
Tgt Ion: 83 Resp: 285462

Ion Ratio Lower Upper

83 100

85 64.8 44.9 83.3

131 9.7 8.6 13.0



#59

Bromoform

Concen: 52.240 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.003 min

Lab File: VU048129.D

Acq: 19 Apr 2022 09:54

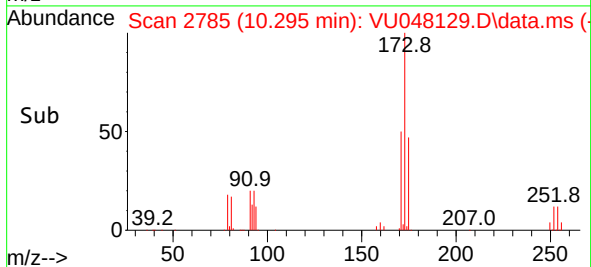
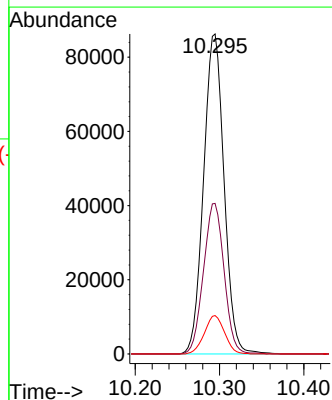
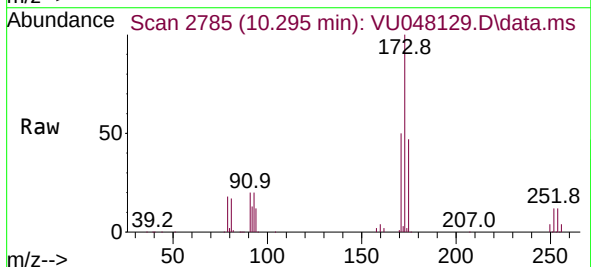
Tgt Ion:173 Resp: 146002

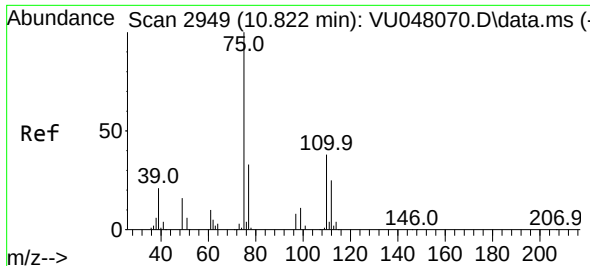
Ion Ratio Lower Upper

173 100

175 47.4 38.7 58.1

254 11.9 9.6 14.4

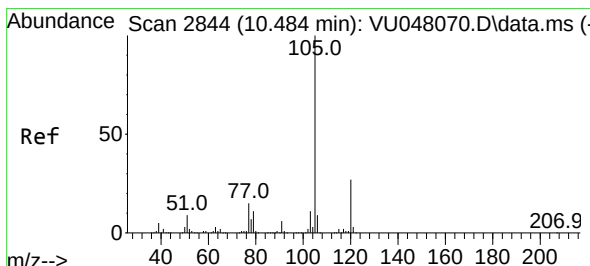
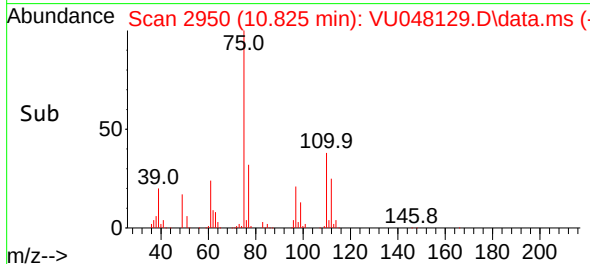
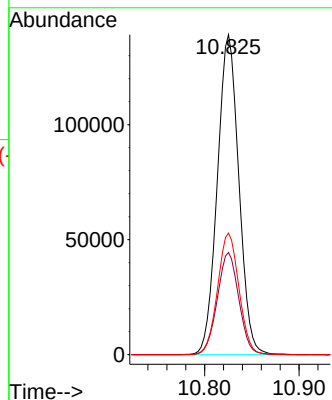
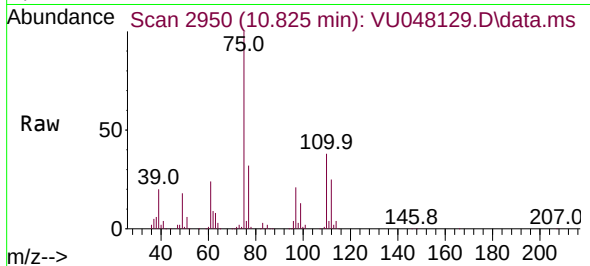




#60
1,2,3-Trichloropropane
Concen: 53.310 ug/L
RT: 10.825 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

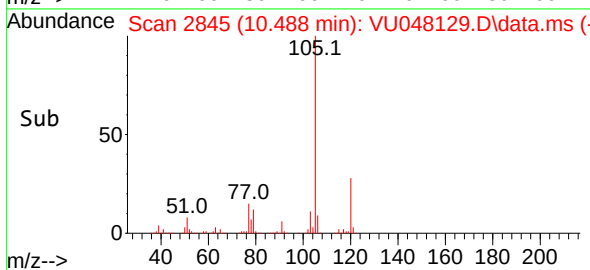
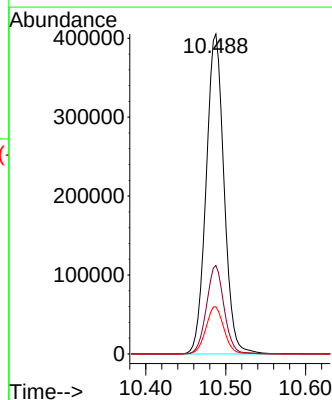
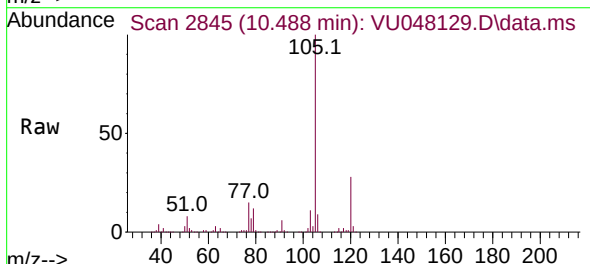
Instrument :
MSVOA_U
ClientSampleId :

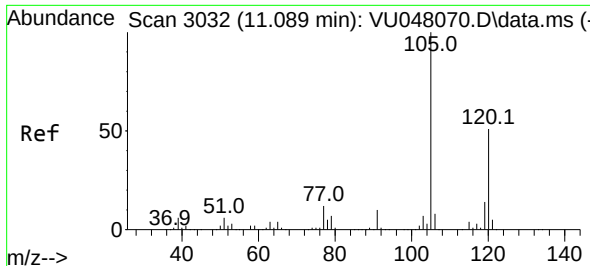
Tgt Ion: 75 Resp: 219653
Ion Ratio Lower Upper
75 100
77 32.0 26.0 39.0
110 37.9 31.4 47.2



#61
Isopropylbenzene
Concen: 53.461 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion: 105 Resp: 631498
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.0 12.1 18.1

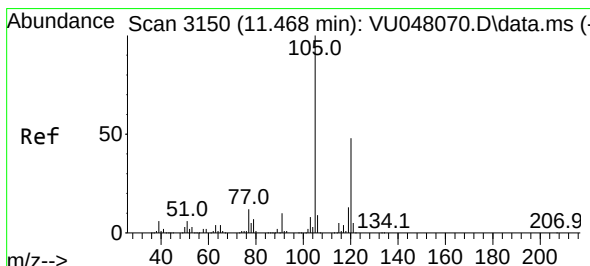
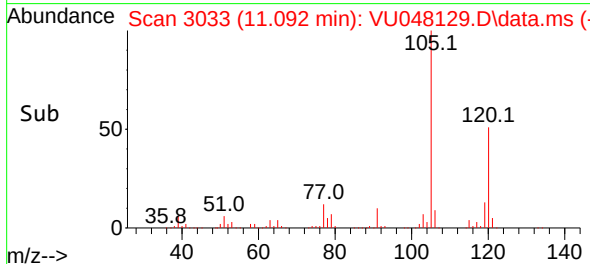
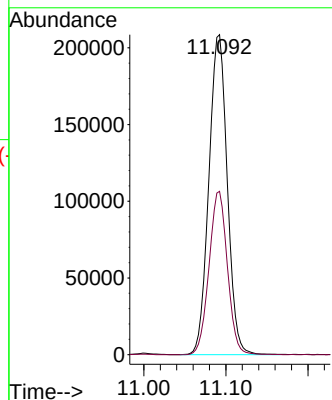
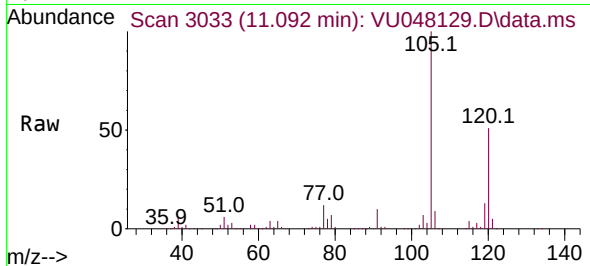




#62
1,3,5-Trimethylbenzene
Concen: 50.716 ug/L
RT: 11.092 min Scan# 3032
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

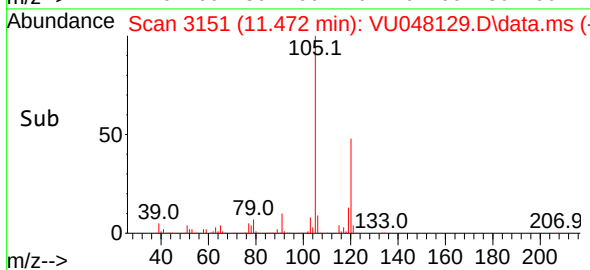
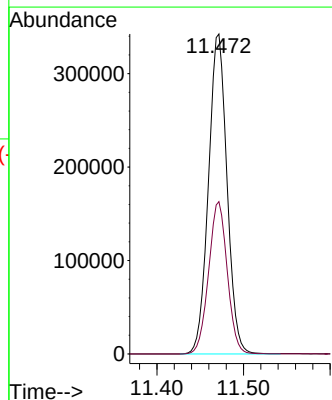
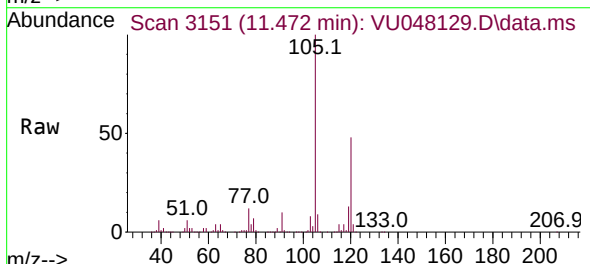
Instrument :
MSVOA_U
ClientSampleId :

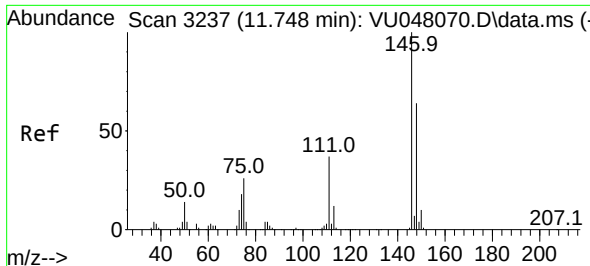
Tgt Ion:105 Resp: 325045
Ion Ratio Lower Upper
105 100
120 50.9 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 52.350 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:105 Resp: 509643
Ion Ratio Lower Upper
105 100
120 47.9 37.6 56.4

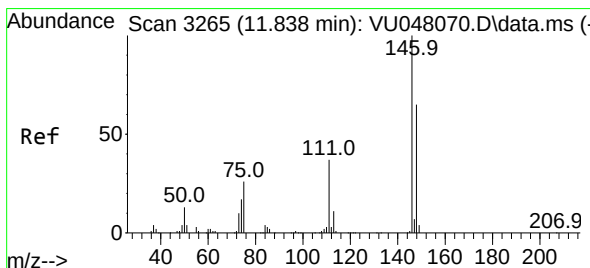
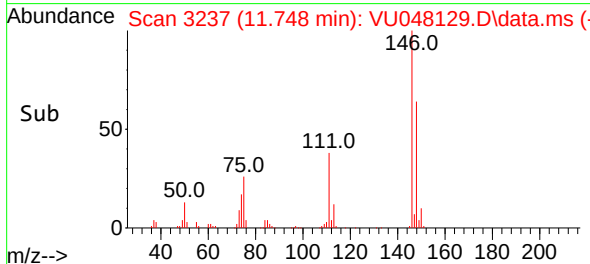
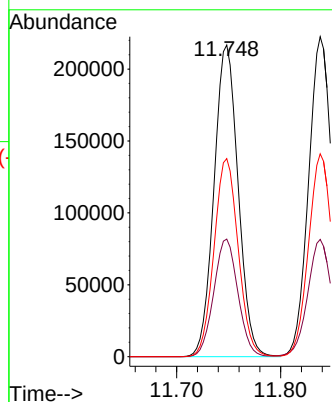
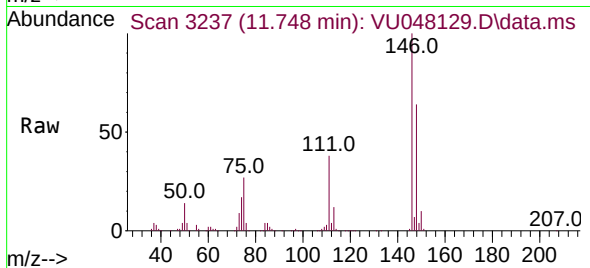




#64
1,3-Dichlorobenzene
Concen: 53.322 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

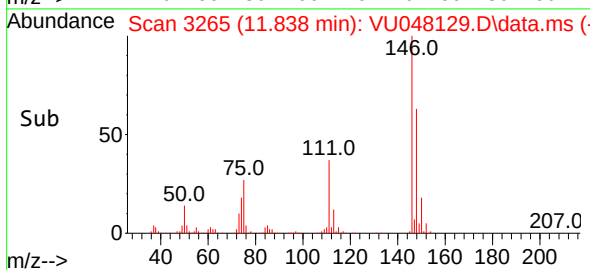
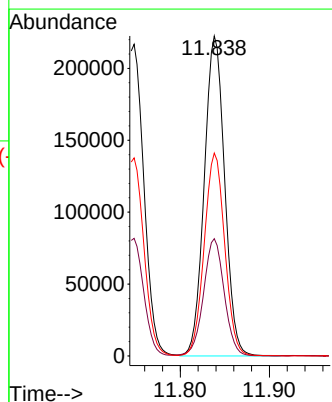
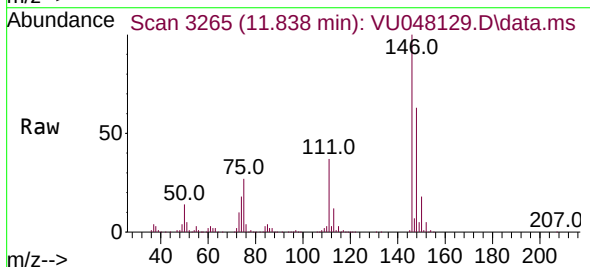
Instrument :
MSVOA_U
ClientSampleId :

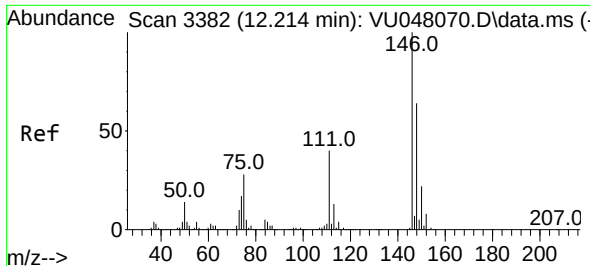
Tgt Ion:146 Resp: 350091
Ion Ratio Lower Upper
146 100
111 37.7 26.7 49.7
148 63.6 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 52.062 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

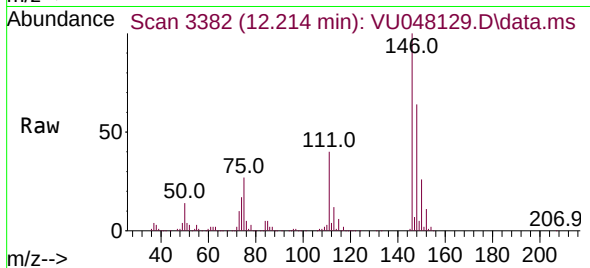
Tgt Ion:146 Resp: 354053
Ion Ratio Lower Upper
146 100
111 36.6 25.3 47.1
148 63.4 44.5 82.7



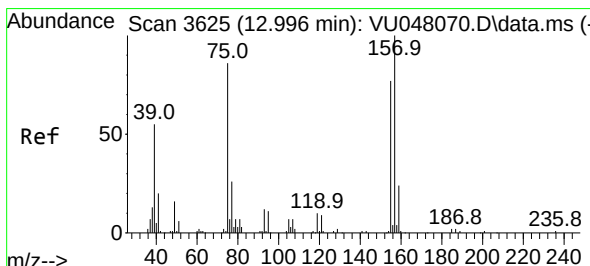
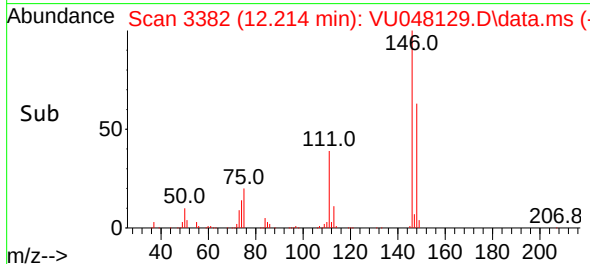
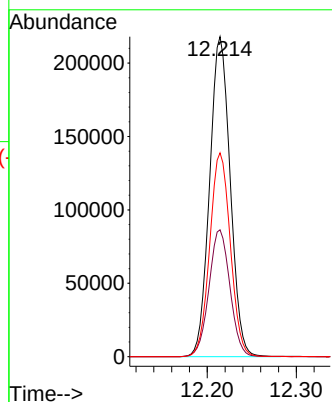


#67
 1,2-Dichlorobenzene
 Concen: 53.166 ug/L
 RT: 12.214 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

Instrument :
 MSVOA_U
 ClientSampleId :

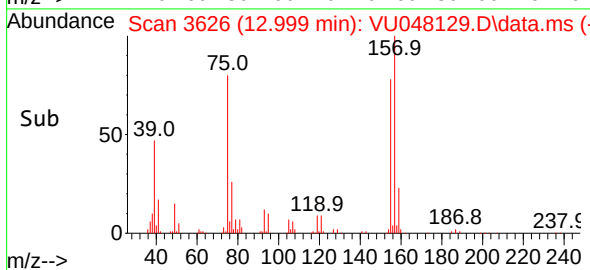
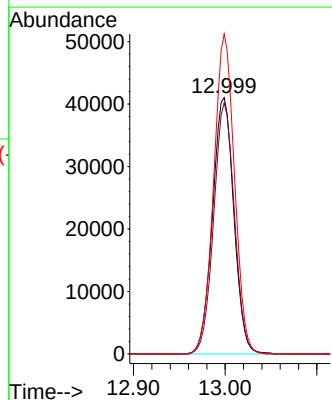
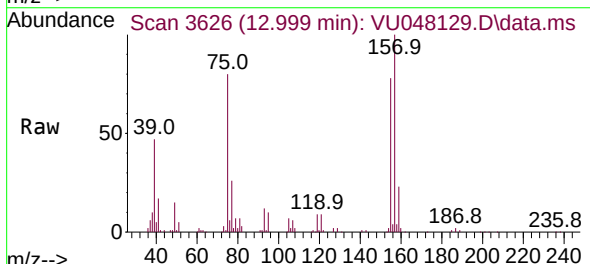


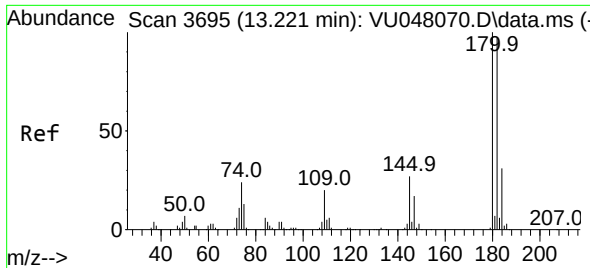
Tgt Ion:146 Resp: 349274
 Ion Ratio Lower Upper
 146 100
 111 39.7 31.7 47.5
 148 63.7 51.4 77.2



#68
 1,2-Dibromo-3-chloropropane
 Concen: 50.202 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. 0.003 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

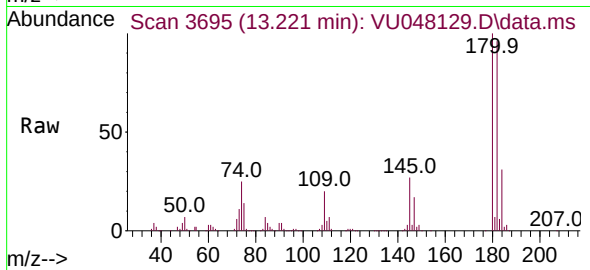
Tgt Ion: 75 Resp: 66259
 Ion Ratio Lower Upper
 75 100
 155 97.9 78.9 118.3
 157 124.8 97.5 146.3



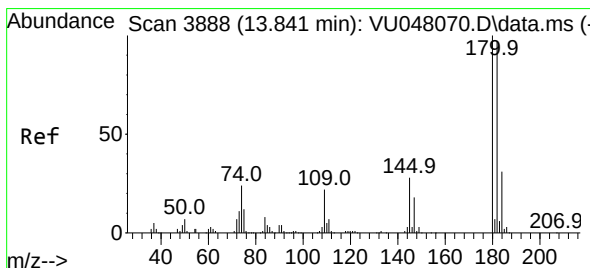
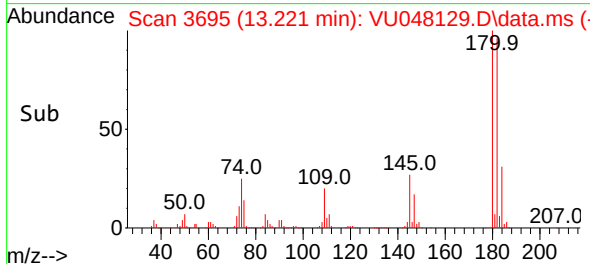
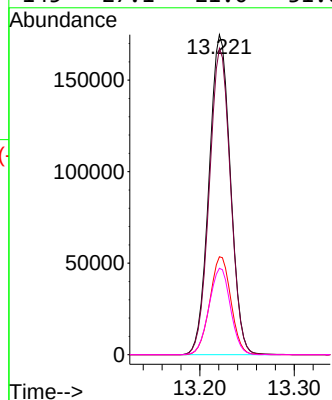


#69
 1,3,5-Trichlorobenzene
 Concen: 51.446 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

Instrument :
 MSVOA_U
 ClientSampleId :

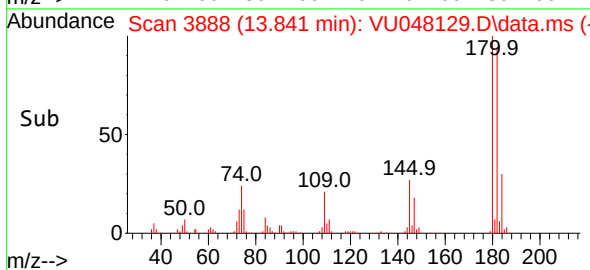
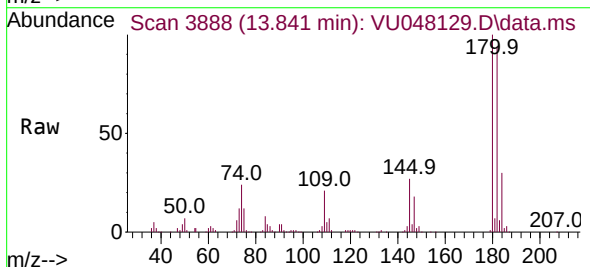
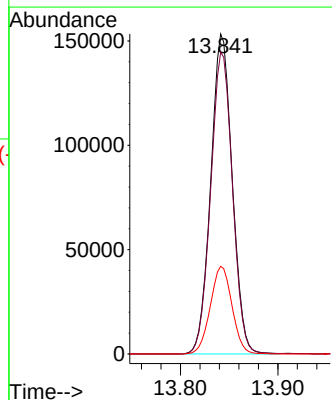


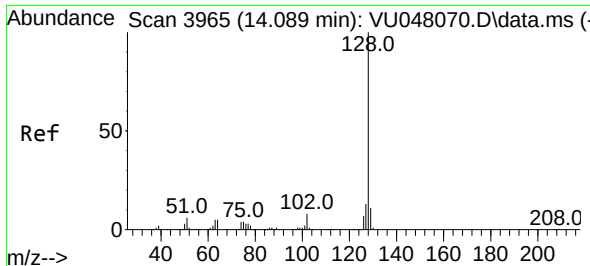
Tgt Ion:180 Resp: 274320
 Ion Ratio Lower Upper
 180 100
 182 95.0 77.0 115.6
 184 30.3 24.5 36.7
 145 27.1 21.0 31.6



#70
 1,2,4-trichlorobenzene
 Concen: 50.398 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048129.D
 Acq: 19 Apr 2022 09:54

Tgt Ion:180 Resp: 235382
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.2 114.2
 145 27.6 21.8 32.8

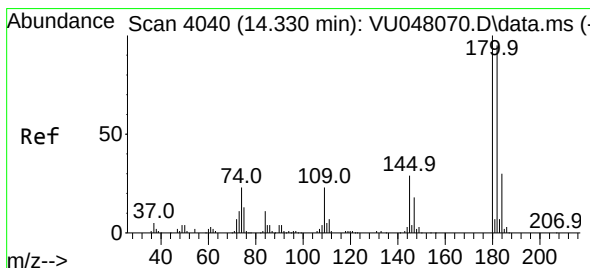
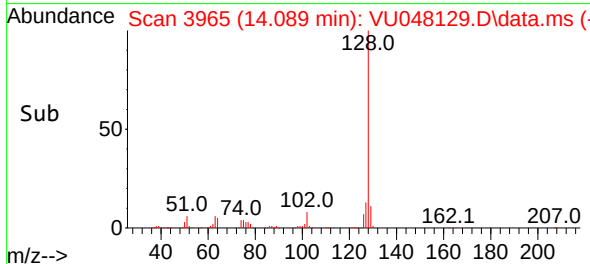
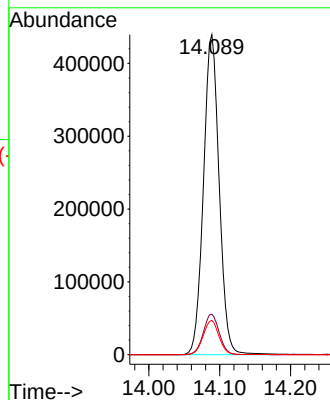
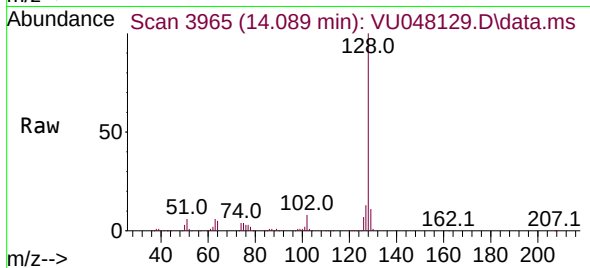




#71
Naphthalene
Concen: 48.583 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 676495
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 52.313 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048129.D
Acq: 19 Apr 2022 09:54

Tgt Ion:180 Resp: 244935
Ion Ratio Lower Upper
180 100
182 94.9 77.4 116.0
145 29.4 22.8 34.2

