

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U020422\
 Data File : U047045.D
 Acq On : 04 Feb 2022 14:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 05 01:31:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	106041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	115813	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	65616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	66026	4.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.000%
7) Chloroethane-d5	1.919	69	49075	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.572	65	24670	5.067	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.633	46	141102	51.875	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.760%
24) Chloroform-d	5.067	84	106586	4.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	5.703	65	55979	5.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.729	84	216833	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
36) 1,2-Dichloropropane-d6	6.694	67	65919	5.210	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.899	98	201806	5.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
43) trans-1,3-Dichloroprop...	8.182	79	27521	5.708	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	114.200%
46) 2-Hexanone-d5	8.632	63	127537	57.106	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.220%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	56769	5.255	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	72866	5.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51652	5.344	ug/L	99
3) Chloromethane	1.527	50	55556	4.665	ug/L	99
5) Vinyl chloride	1.607	62	56034	4.674	ug/L	98
6) Bromomethane	1.861	94	32512	4.898	ug/L	98
8) Chloroethane	1.938	64	33305	4.681	ug/L	96
9) Trichlorofluoromethane	2.144	101	72621	4.791	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	43236	4.845	ug/L	100
12) 1,1-Dichloroethene	2.584	96	38650	4.909	ug/L	96
13) Acetone	2.645	43	71429	45.502	ug/L	99
14) Carbon disulfide	2.800	76	117804	4.778	ug/L	100
15) Methyl Acetate	2.957	43	16810	5.157	ug/L	100
16) Methylene chloride	3.051	84	44602	4.481	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	90771	5.242	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	40907	4.976	ug/L	97
19) 1,1-Dichloroethane	3.877	63	74869	4.898	ug/L	99
21) 2-Butanone	4.710	43	108844	48.382	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	44221	5.121	ug/L	97
23) Bromochloromethane	4.980	128	19973	4.795	ug/L	97
25) Chloroform	5.092	83	79388	4.562	ug/L	98

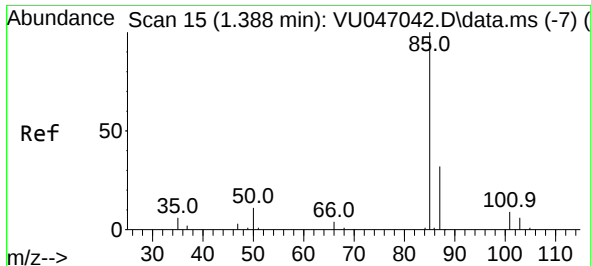
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020422\
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR020422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 05 01:18:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	47891	4.798	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	65885	4.977	ug/L	99
30) Cyclohexane	5.395	56	57149	5.348	ug/L	97
31) Carbon tetrachloride	5.530	117	57170	5.056	ug/L	96
33) Benzene	5.777	78	170028	5.228	ug/L	100
34) Trichloroethene	6.546	95	42986	5.227	ug/L	98
35) Methylcyclohexane	6.768	83	63227	5.548	ug/L	97
37) 1,2-Dichloropropane	6.793	63	44060	5.122	ug/L	98
38) Bromodichloromethane	7.108	83	55005	4.923	ug/L #	97
39) cis-1,3-Dichloropropene	7.610	75	60207	5.390	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	246083	53.567	ug/L	99
42) Toluene	7.970	91	185687	5.556	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	53786	5.389	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	32709	5.112	ug/L	95
47) Tetrachloroethene	8.555	164	33454	5.242	ug/L	95
48) 2-Hexanone	8.684	43	194539	54.992	ug/L	98
49) Dibromochloromethane	8.812	129	38781	5.188	ug/L	100
50) 1,2-Dibromoethane	8.925	107	31225	5.283	ug/L	97
51) Chlorobenzene	9.449	112	115867	5.283	ug/L	99
52) Ethylbenzene	9.571	91	183503	5.463	ug/L	99
53) m,p-Xylene	9.697	106	72438	5.548	ug/L	100
54) o-Xylene	10.102	106	69688	5.741	ug/L	97
55) Styrene	10.118	104	121196	5.675	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	42162	5.064	ug/L	99
59) Bromoform	10.291	173	21409	5.153	ug/L	99
60) Isopropylbenzene	10.488	105	180952	5.592	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	31110	5.082	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	136037	5.478	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	141184	5.599	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	92080	5.325	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	94524	5.292	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	88896	5.327	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	6086	4.818	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	69369	5.344	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	57855	5.472	ug/L	97
71) Naphthalene	14.086	128	104011	5.684	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	57857	5.733	ug/L	97

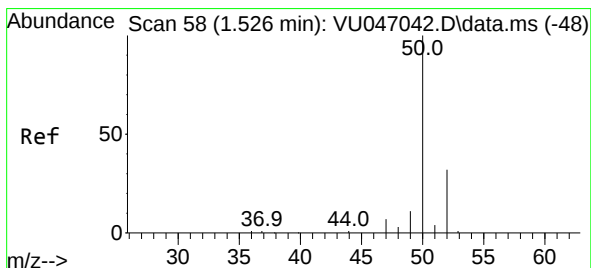
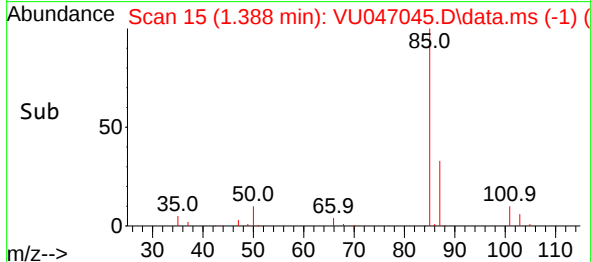
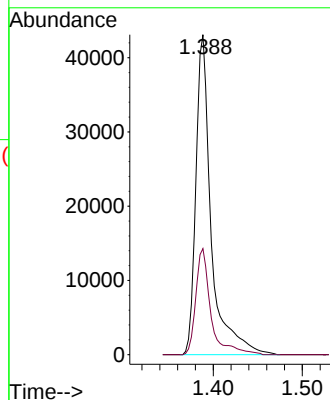
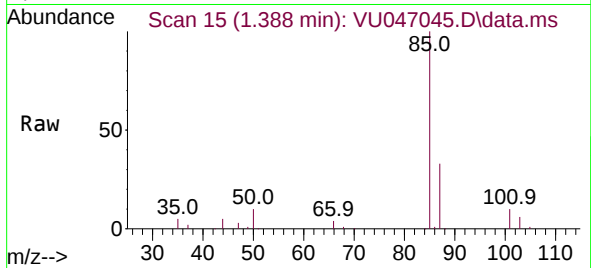
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#2
Dichlorodifluoromethane
Concen: 5.344 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

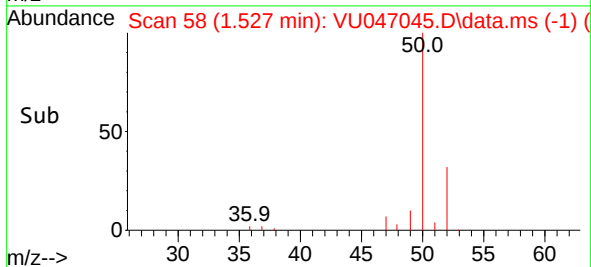
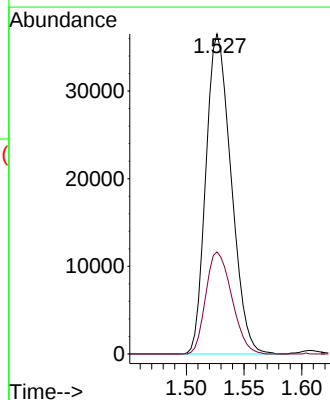
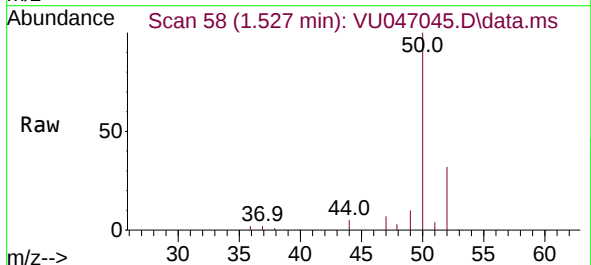
Instrument :
MSVOA_U
ClientSampleId :

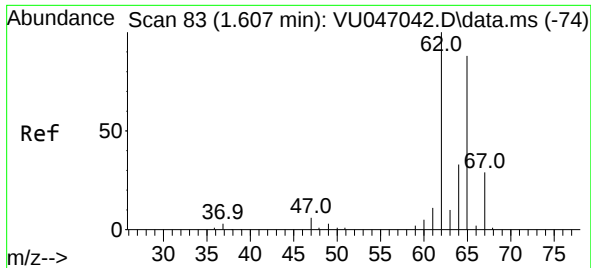
Tgt Ion: 85 Resp: 51652
Ion Ratio Lower Upper
85 100
87 32.8 25.9 38.9



#3
Chloromethane
Concen: 4.665 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

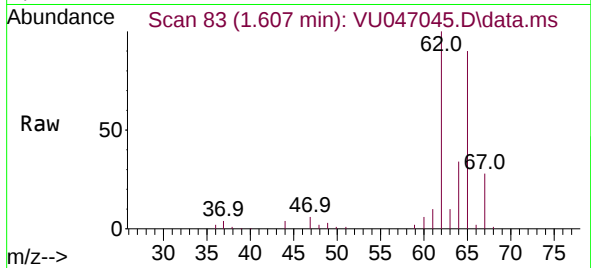
Tgt Ion: 50 Resp: 55556
Ion Ratio Lower Upper
50 100
52 31.9 22.7 42.3



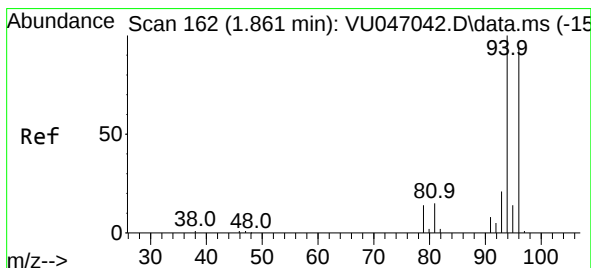
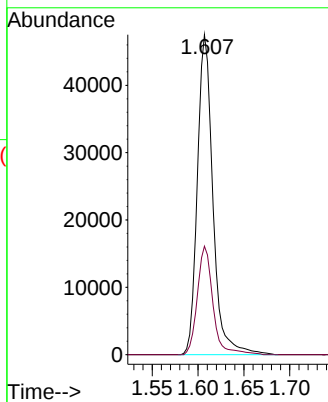
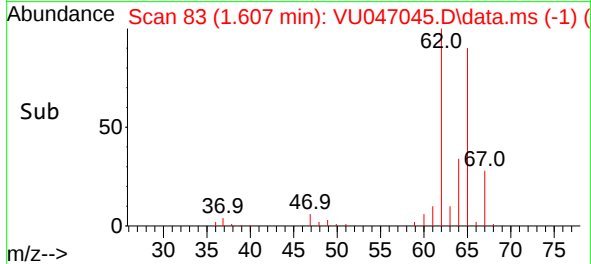


#5
 Vinyl chloride
 Concen: 4.674 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

Instrument :
 MSVOA_U
 ClientSampleId :

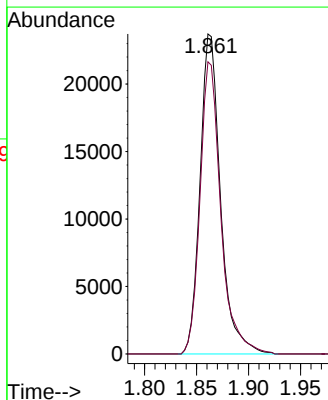
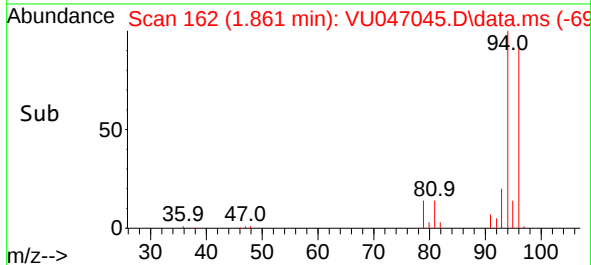
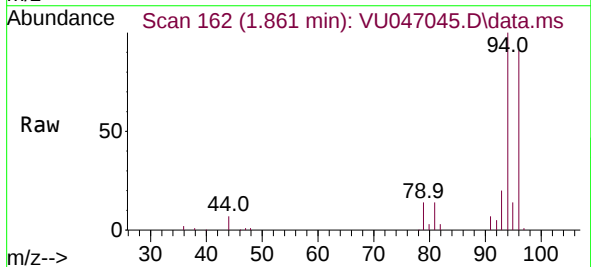


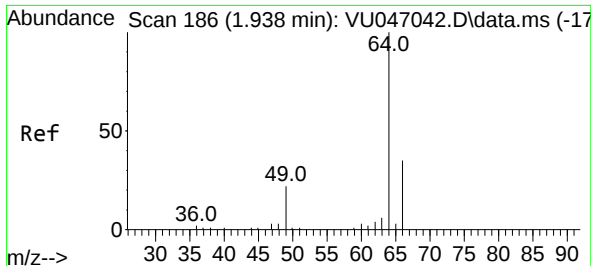
Tgt Ion: 62 Resp: 56034
 Ion Ratio Lower Upper
 62 100
 64 33.9 23.1 42.9



#6
 Bromomethane
 Concen: 4.898 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

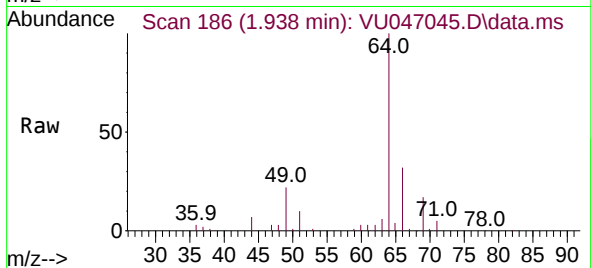
Tgt Ion: 94 Resp: 32512
 Ion Ratio Lower Upper
 94 100
 96 91.3 65.6 121.8



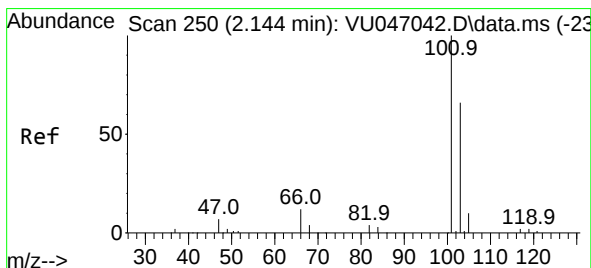
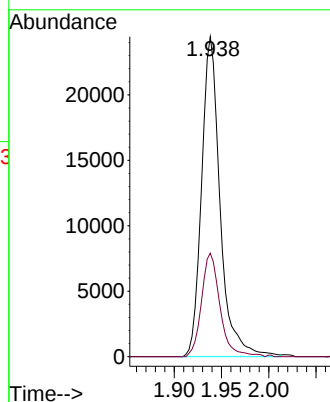
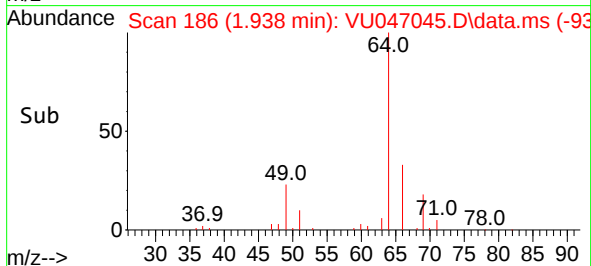


#8
Chloroethane
Concen: 4.681 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :

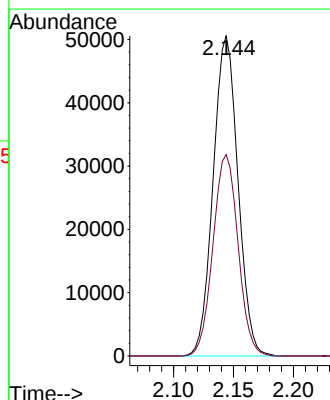
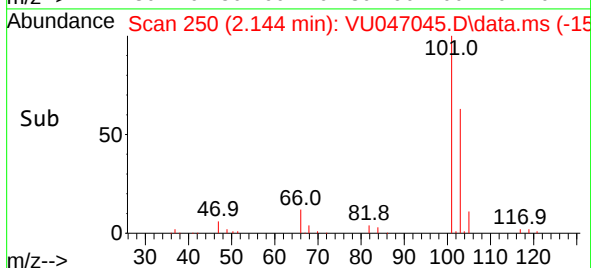
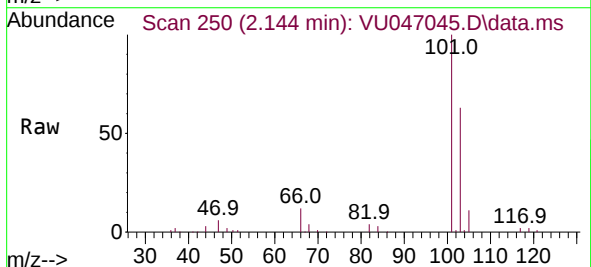


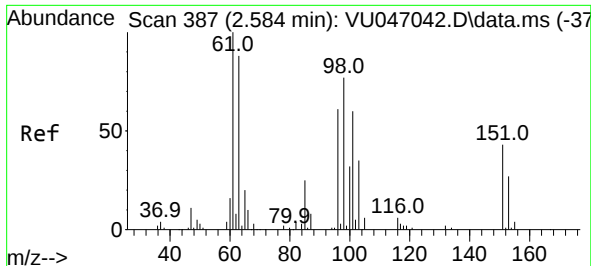
Tgt Ion: 64 Resp: 33305
Ion Ratio Lower Upper
64 100
66 32.4 24.4 45.4



#9
Trichlorofluoromethane
Concen: 4.791 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion:101 Resp: 72621
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

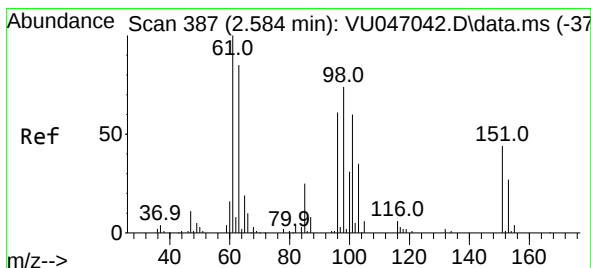
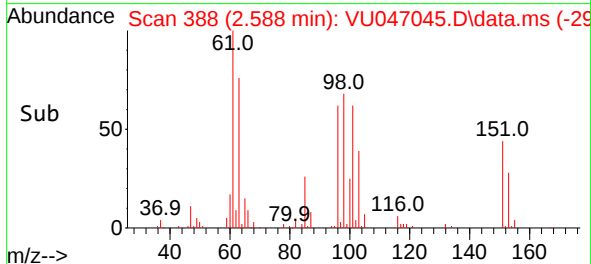
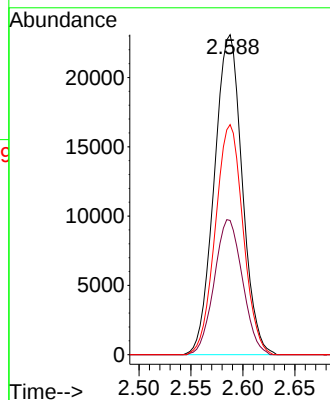
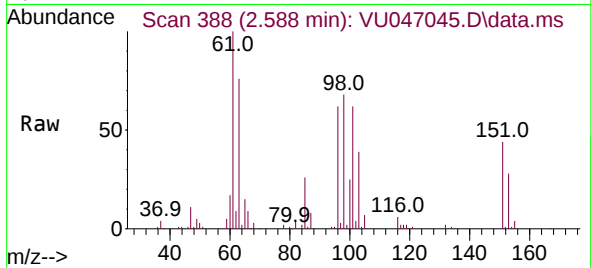




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.845 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

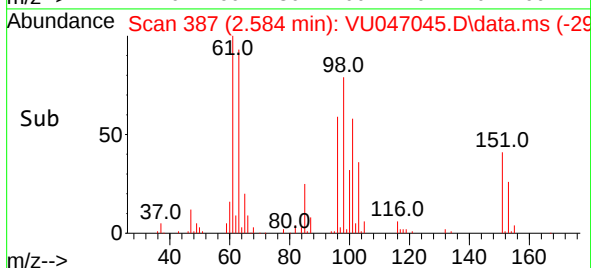
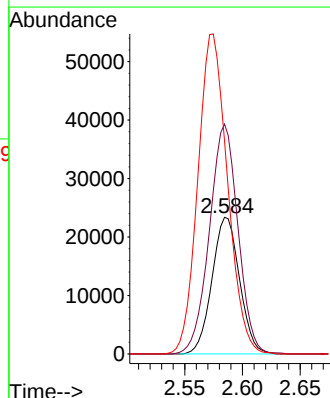
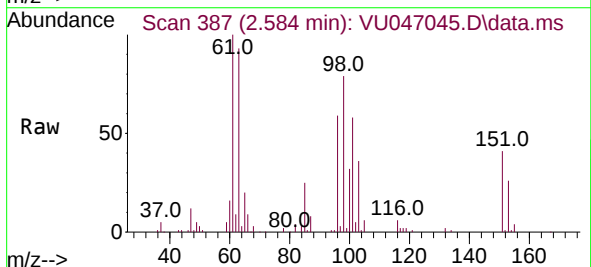
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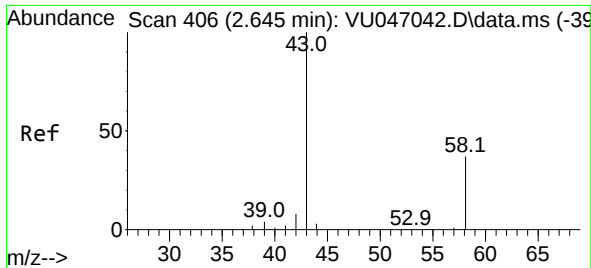
Tgt Ion:101 Resp: 43236
 Ion Ratio Lower Upper
 101 100
 85 42.5 33.8 50.6
 151 71.5 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 4.909 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

Tgt Ion: 96 Resp: 38650
 Ion Ratio Lower Upper
 96 100
 61 168.3 115.5 214.5
 63 156.1 103.6 192.4





#13

Acetone

Concen: 45.502 ug/L

RT: 2.645 min Scan# 406

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

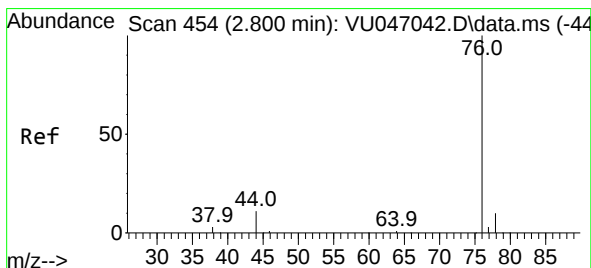
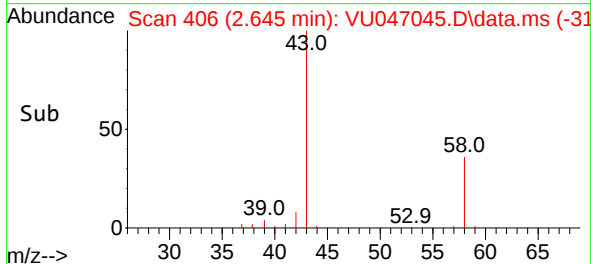
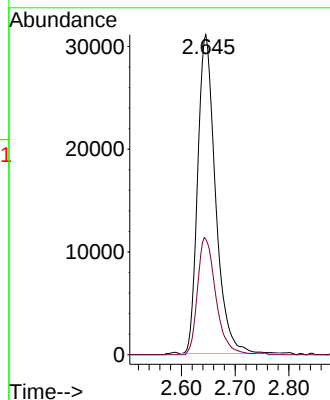
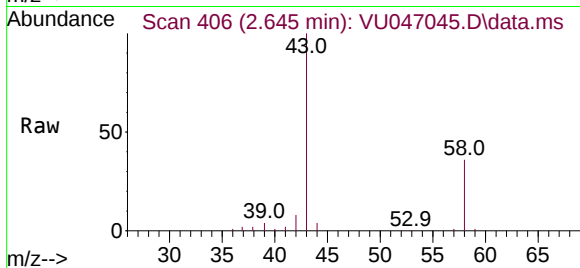
ClientSampleId :

Tgt Ion: 43 Resp: 71429

Ion Ratio Lower Upper

43 100

58 37.6 0.0 74.0



#14

Carbon disulfide

Concen: 4.778 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047045.D

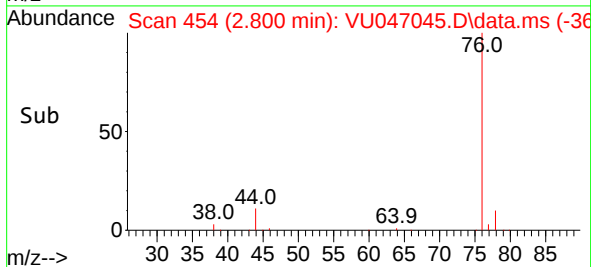
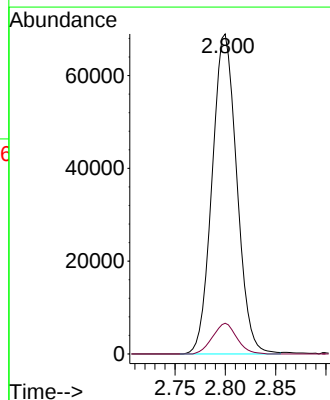
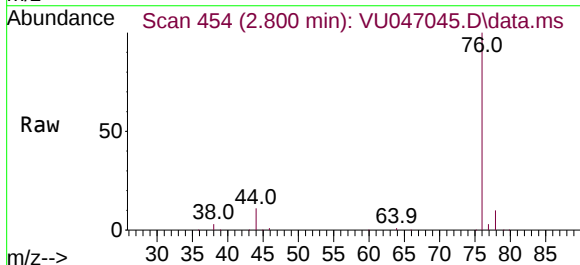
Acq: 04 Feb 2022 14:17

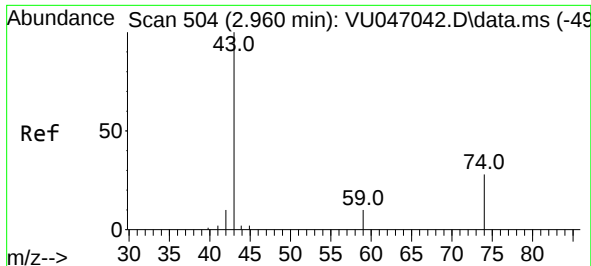
Tgt Ion: 76 Resp: 117804

Ion Ratio Lower Upper

76 100

78 9.6 7.8 11.6

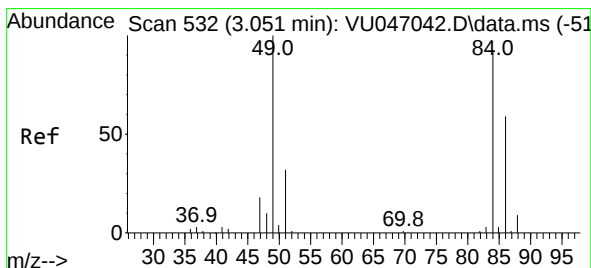
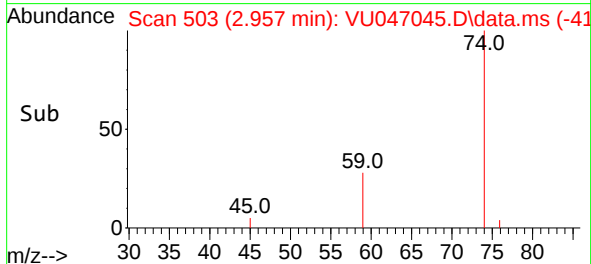
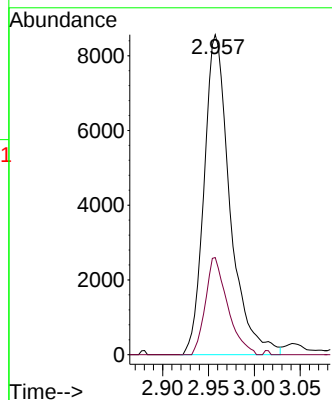
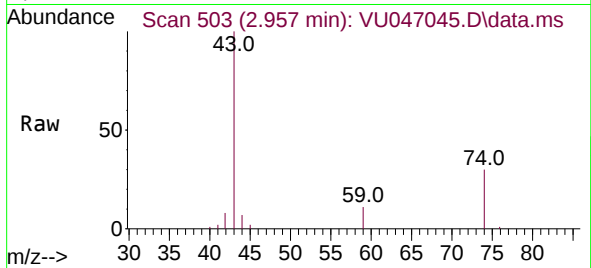




#15
Methyl Acetate
Concen: 5.157 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

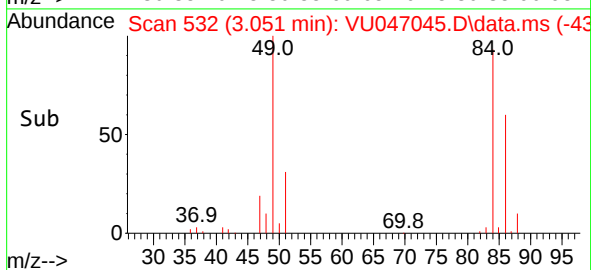
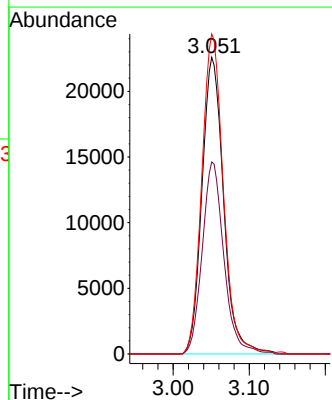
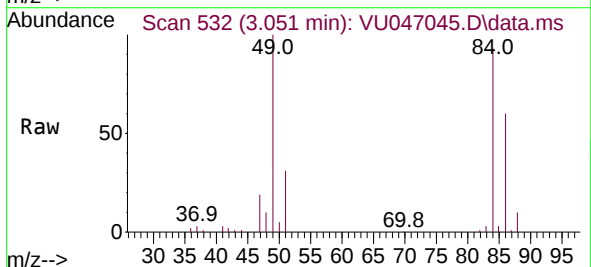
Instrument :
MSVOA_U
ClientSampleId :

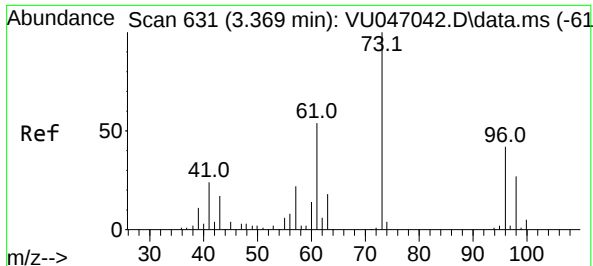
Tgt Ion: 43 Resp: 16810
Ion Ratio Lower Upper
43 100
74 26.0 21.0 31.4



#16
Methylene chloride
Concen: 4.481 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion: 84 Resp: 44602
Ion Ratio Lower Upper
84 100
86 64.8 45.1 83.7
49 107.9 76.4 141.8





#17

Methyl tert-butyl Ether

Concen: 5.242 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

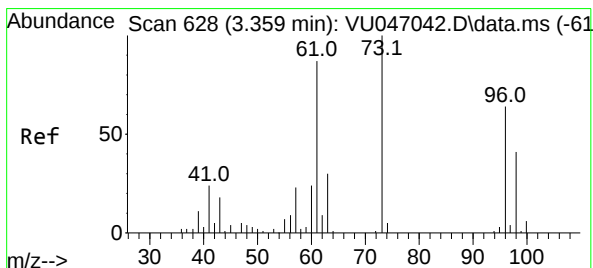
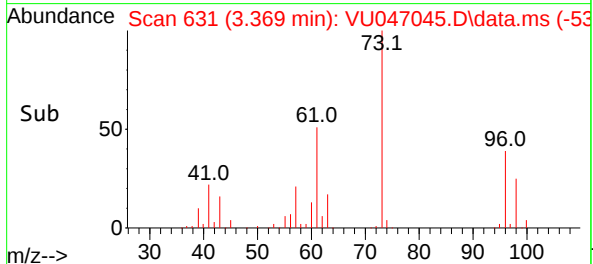
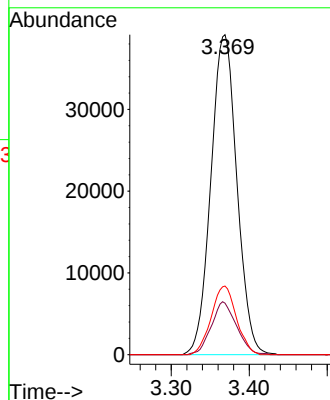
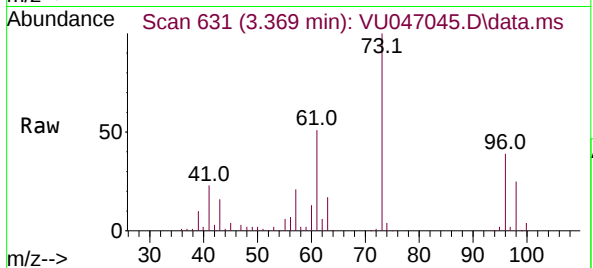
Tgt Ion: 73 Resp: 90771

Ion Ratio Lower Upper

73 100

43 16.0 13.9 20.9

57 20.8 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.976 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

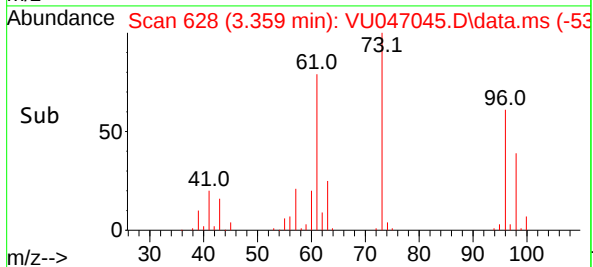
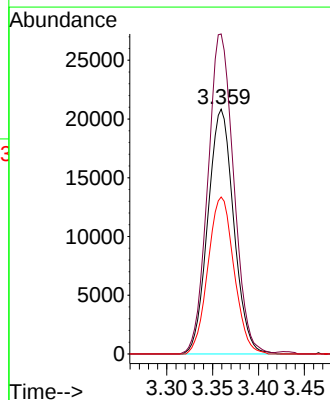
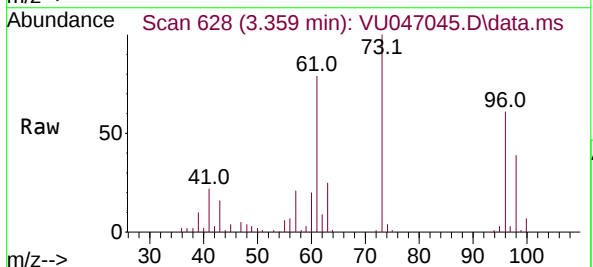
Tgt Ion: 96 Resp: 40907

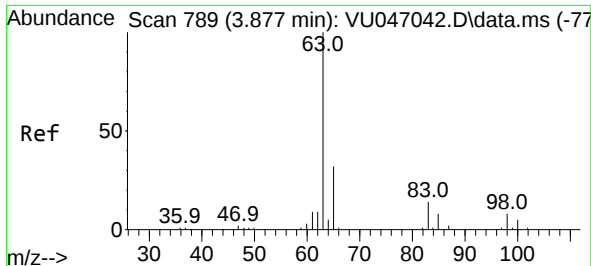
Ion Ratio Lower Upper

96 100

61 130.7 95.1 176.7

98 64.1 44.8 83.2





#19

1,1-Dichloroethane

Concen: 4.898 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

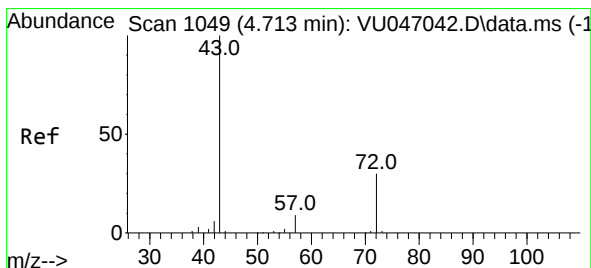
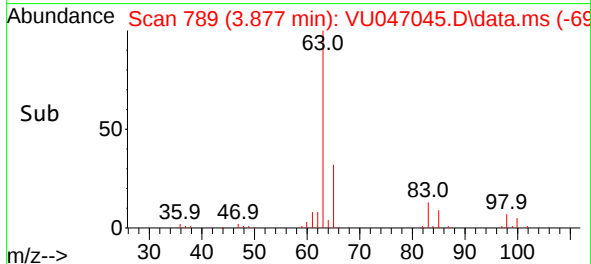
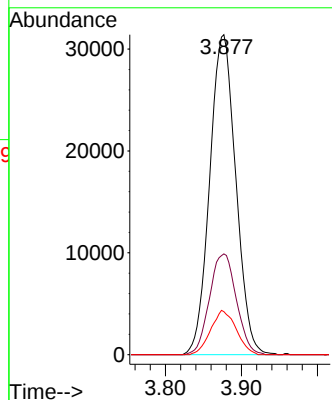
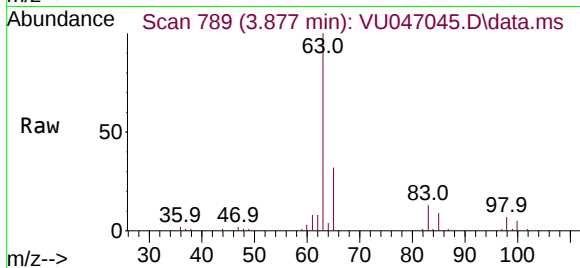
Tgt Ion: 63 Resp: 74869

Ion Ratio Lower Upper

63 100

65 31.5 22.7 42.1

83 13.4 9.7 17.9



#21

2-Butanone

Concen: 48.382 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.003 min

Lab File: VU047045.D

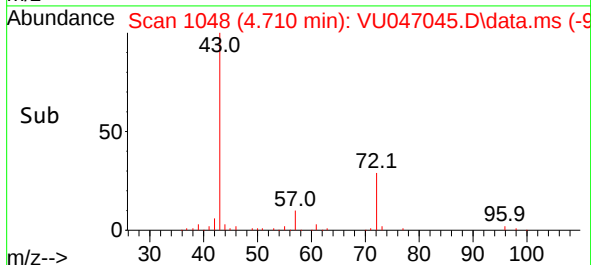
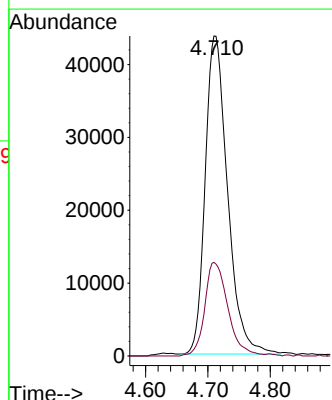
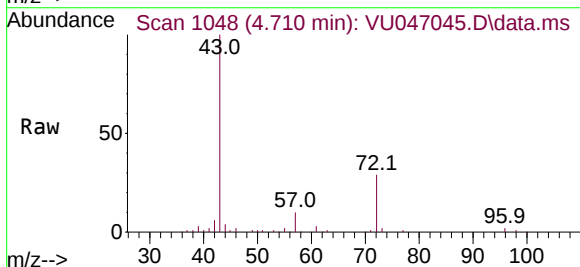
Acq: 04 Feb 2022 14:17

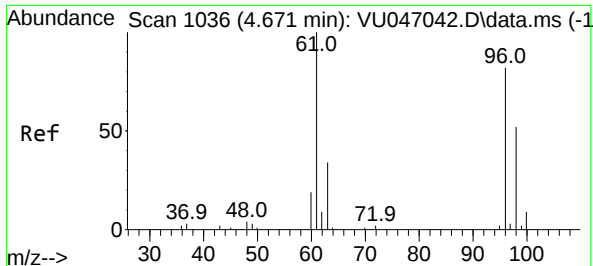
Tgt Ion: 43 Resp: 108844

Ion Ratio Lower Upper

43 100

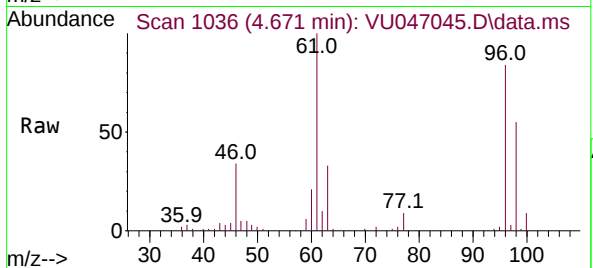
72 30.3 15.0 45.0



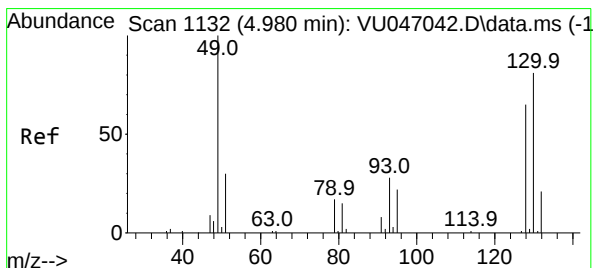
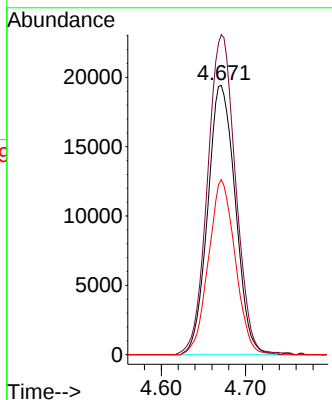
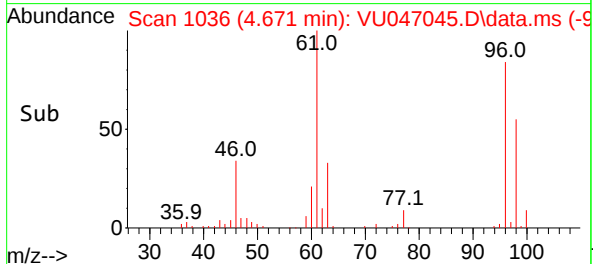


#22
 cis-1,2-Dichloroethene
 Concen: 5.121 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

Instrument :
 MSVOA_U
 ClientSampleId :

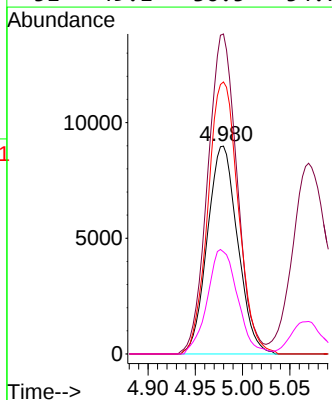
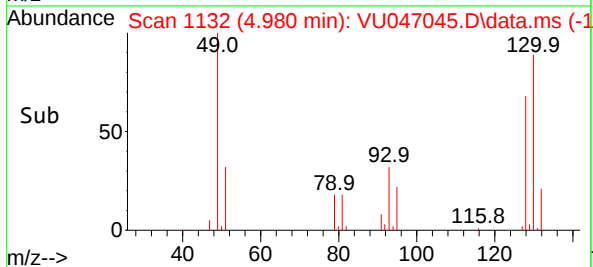
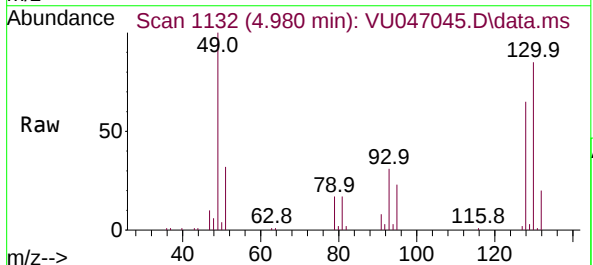


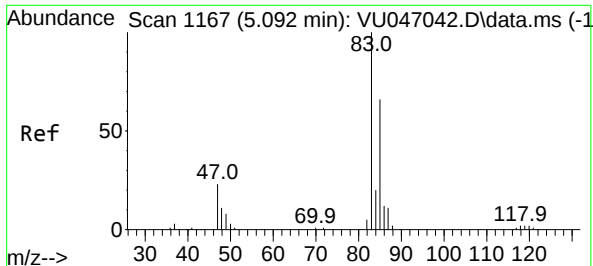
Tgt Ion: 96 Resp: 44221
 Ion Ratio Lower Upper
 96 100
 61 118.8 85.6 159.0
 98 65.0 44.7 83.1



#23
 Bromochloromethane
 Concen: 4.795 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

Tgt Ion: 128 Resp: 19973
 Ion Ratio Lower Upper
 128 100
 49 153.9 107.4 199.6
 130 130.8 87.3 162.1
 51 49.1 36.5 54.7





#25

Chloroform

Concen: 4.562 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

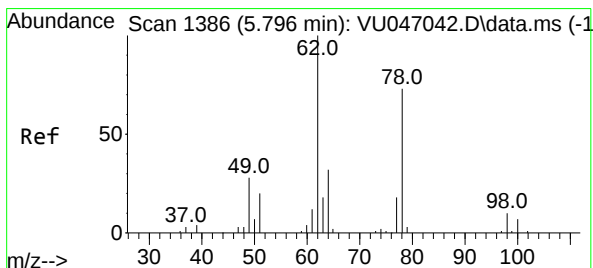
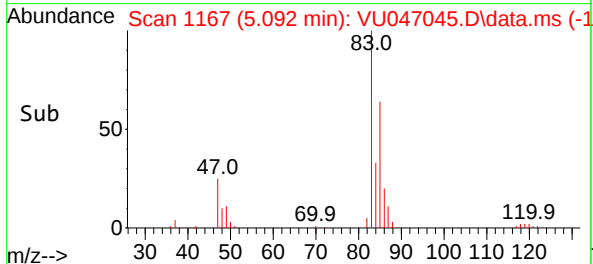
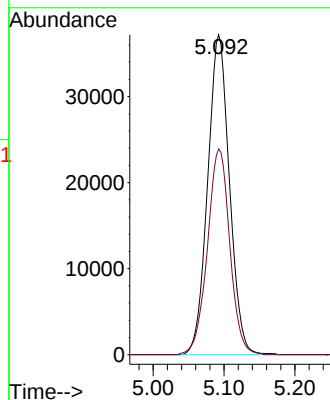
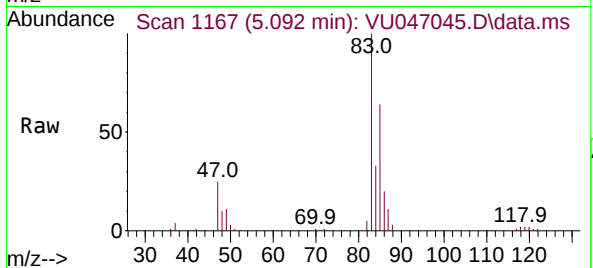
ClientSampleId :

Tgt Ion: 83 Resp: 79388

Ion Ratio Lower Upper

83 100

85 64.3 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.798 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047045.D

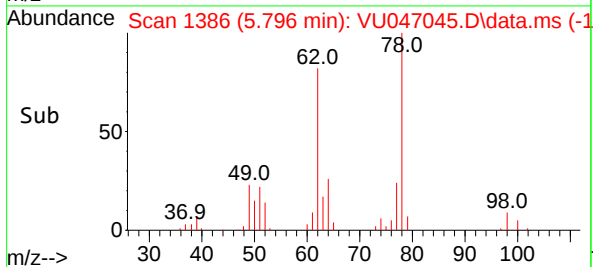
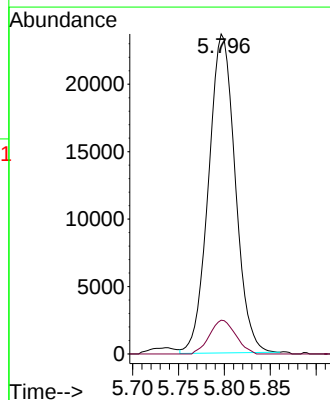
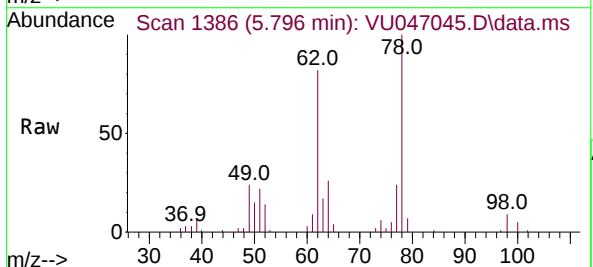
Acq: 04 Feb 2022 14:17

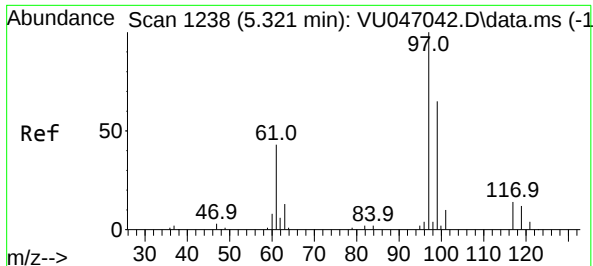
Tgt Ion: 62 Resp: 47891

Ion Ratio Lower Upper

62 100

98 10.6 8.0 12.0





#29

1,1,1-Trichloroethane

Concen: 4.977 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

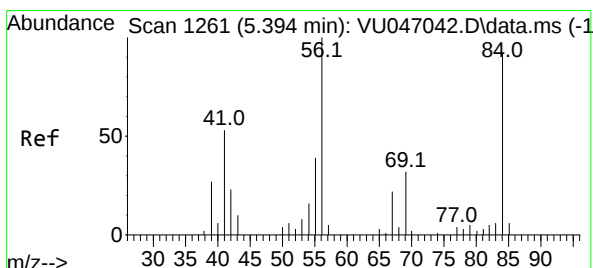
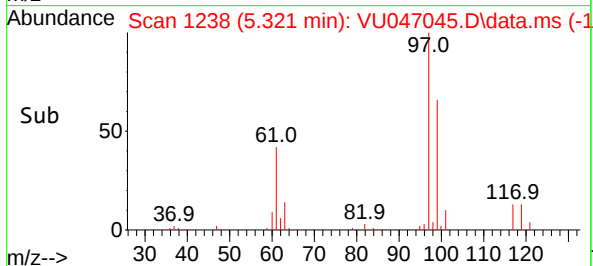
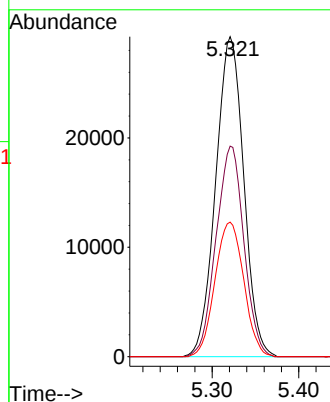
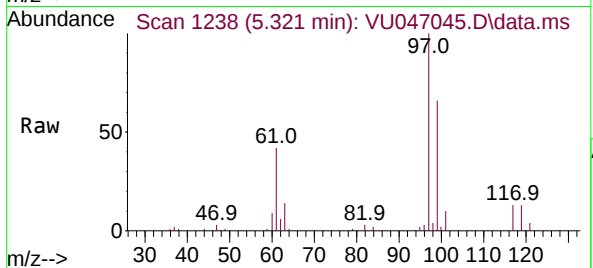
Tgt Ion: 97 Resp: 65885

Ion Ratio Lower Upper

97 100

99 65.3 51.5 77.3

61 43.1 34.6 52.0



#30

Cyclohexane

Concen: 5.348 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

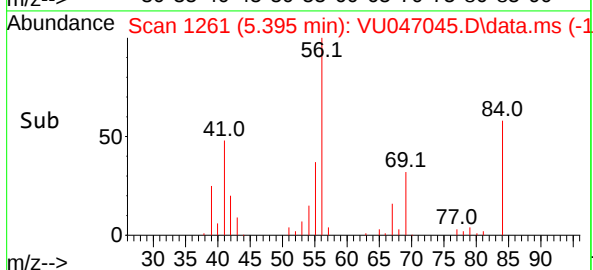
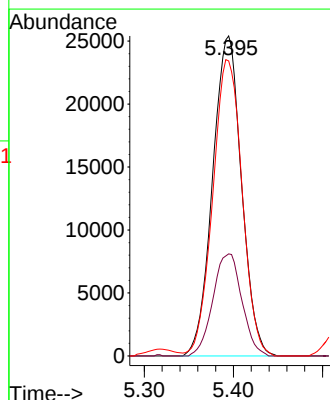
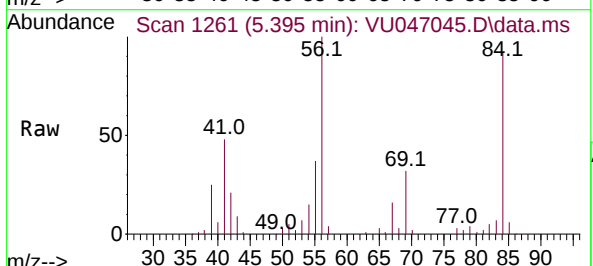
Tgt Ion: 56 Resp: 57149

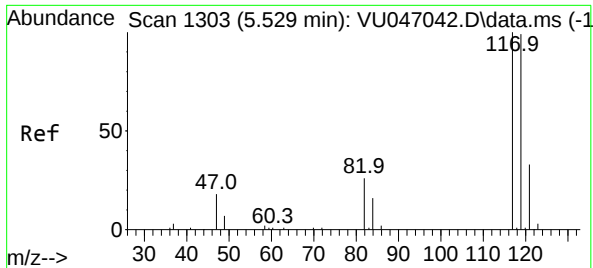
Ion Ratio Lower Upper

56 100

69 32.0 24.7 37.1

84 94.2 73.0 109.6

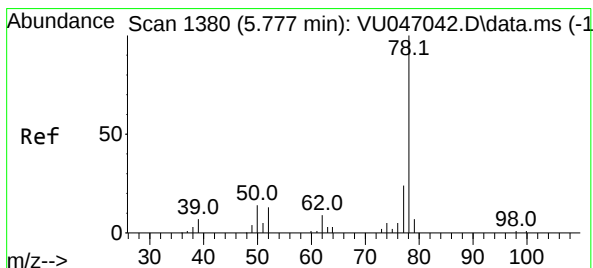
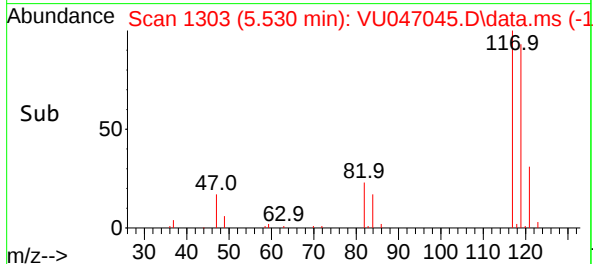
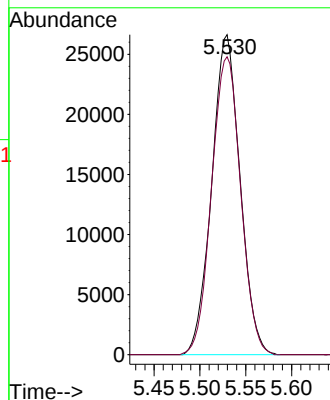
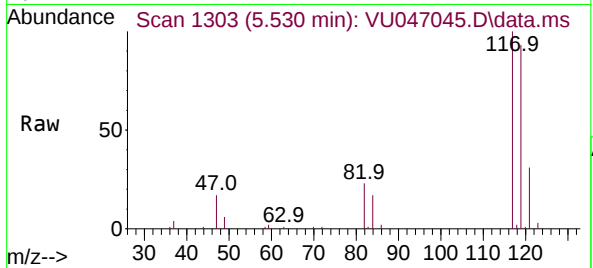




#31
Carbon tetrachloride
Concen: 5.056 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

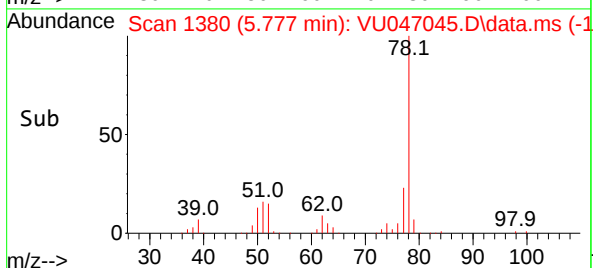
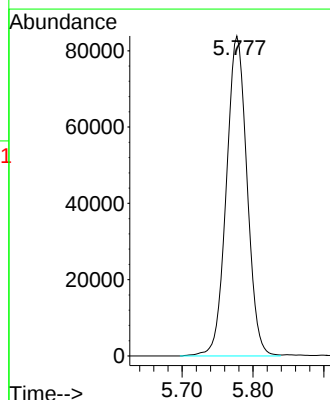
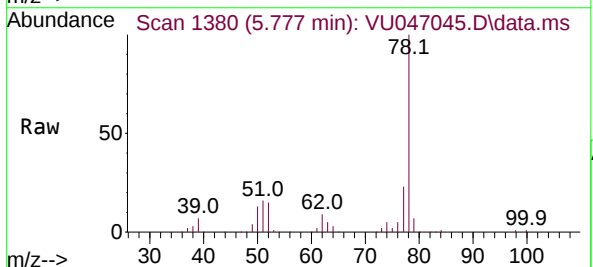
Instrument :
MSVOA_U
ClientSampleId :

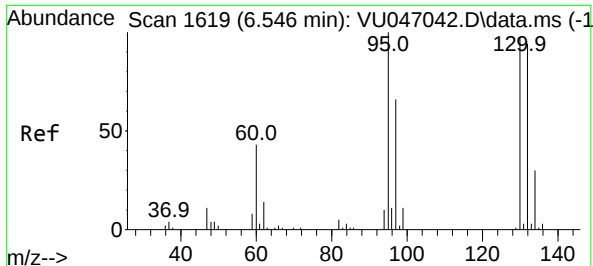
Tgt Ion:117 Resp: 57170
Ion Ratio Lower Upper
117 100
119 95.7 79.8 119.8



#33
Benzene
Concen: 5.228 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion: 78 Resp: 170028

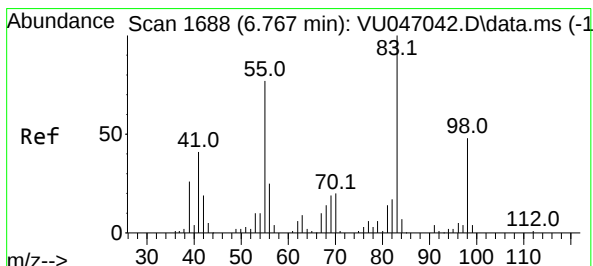
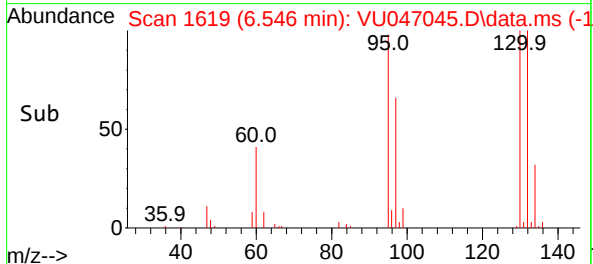
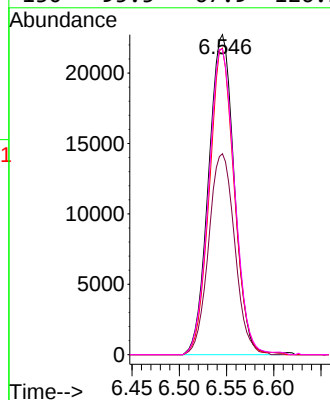
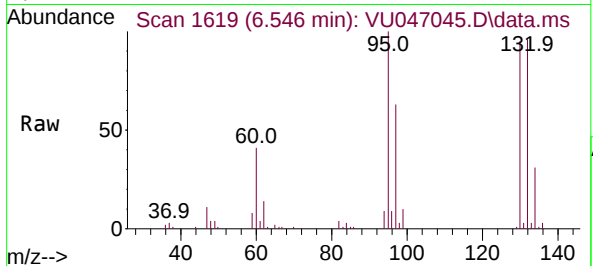




#34
Trichloroethene
Concen: 5.227 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

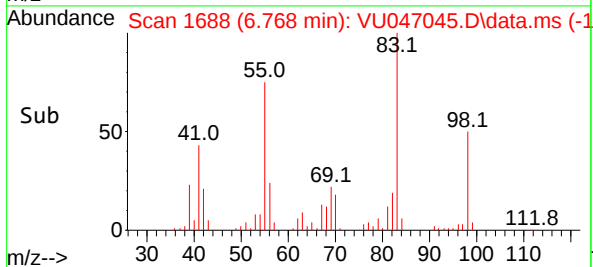
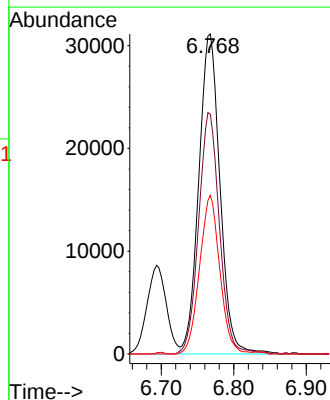
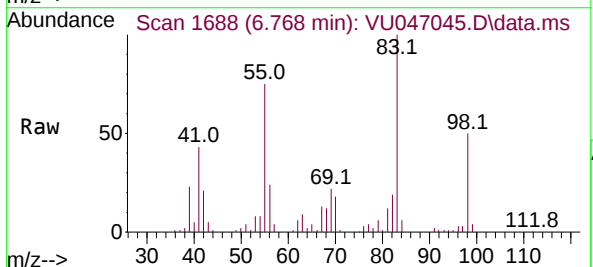
Instrument :
MSVOA_U
ClientSampleId :

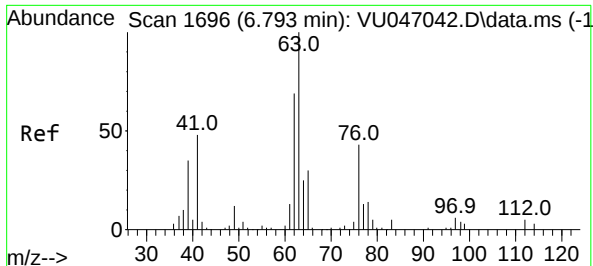
Tgt Ion: 95 Resp: 42986
Ion Ratio Lower Upper
95 100
97 62.8 46.1 85.5
132 95.8 65.9 122.5
130 95.5 67.9 126.1



#35
Methylcyclohexane
Concen: 5.548 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion: 83 Resp: 63227
Ion Ratio Lower Upper
83 100
55 74.2 61.2 91.8
98 47.4 39.3 58.9





#37

1,2-Dichloropropane

Concen: 5.122 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

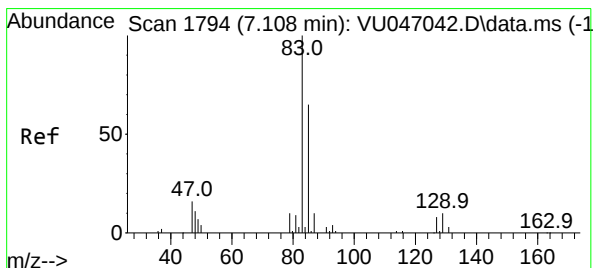
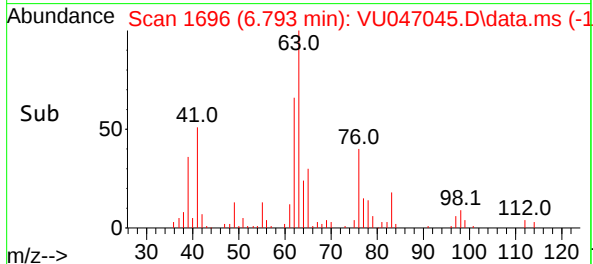
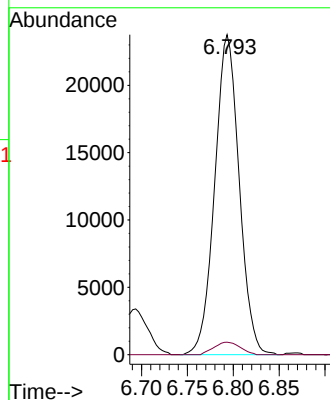
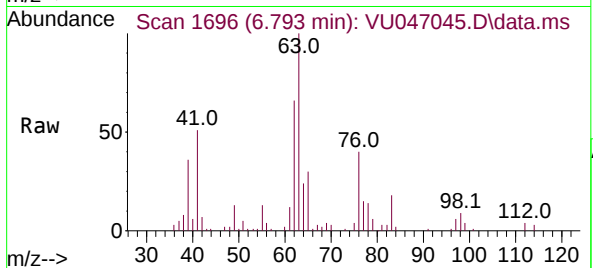
ClientSampleId :

Tgt Ion: 63 Resp: 44060

Ion Ratio Lower Upper

63 100

112 4.2 4.0 6.0



#38

Bromodichloromethane

Concen: 4.923 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

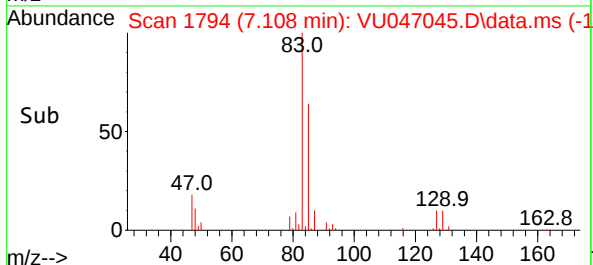
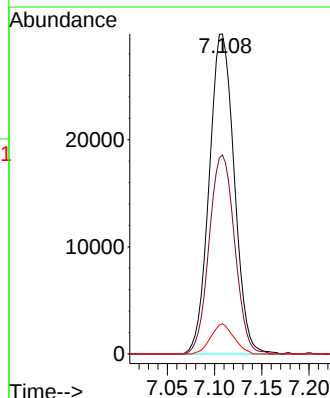
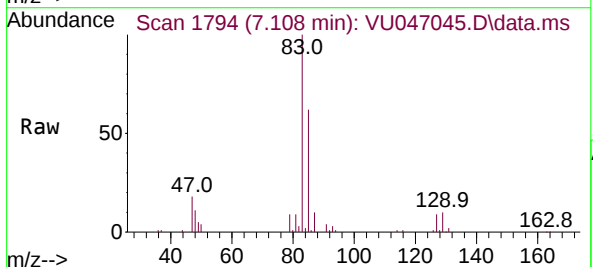
Tgt Ion: 83 Resp: 55005

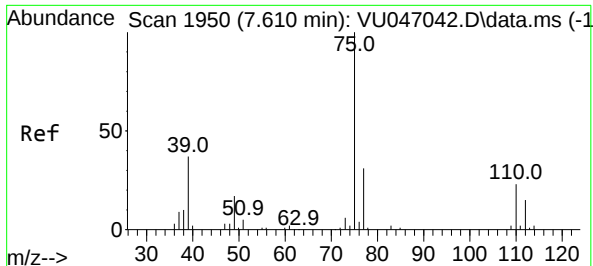
Ion Ratio Lower Upper

83 100

85 62.2 45.3 84.1

127 9.4 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 5.390 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

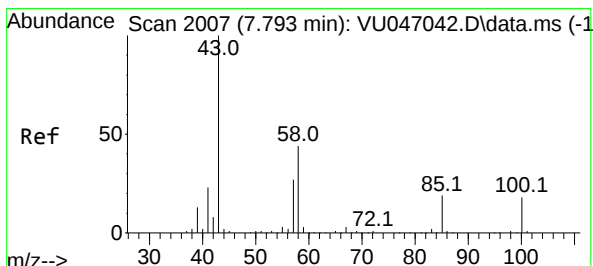
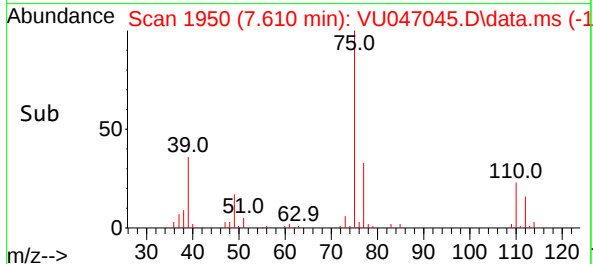
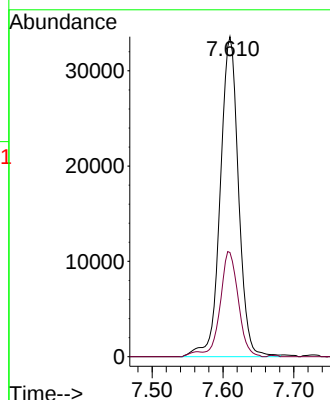
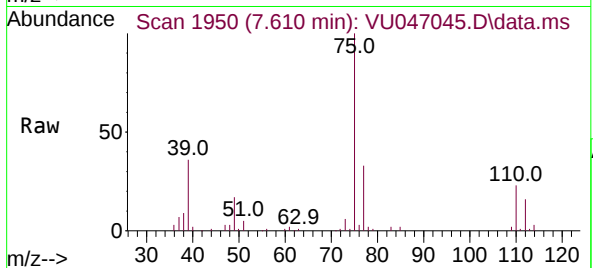
ClientSampleId :

Tgt Ion: 75 Resp: 60207

Ion Ratio Lower Upper

75 100

77 32.5 21.6 40.2



#40

4-Methyl-2-pentanone

Concen: 53.567 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

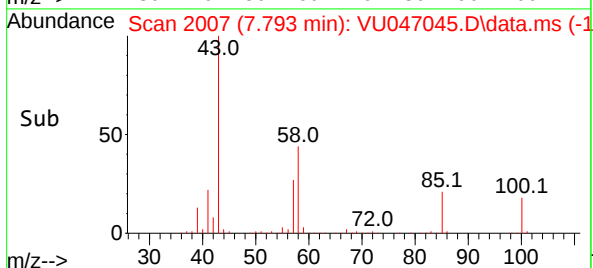
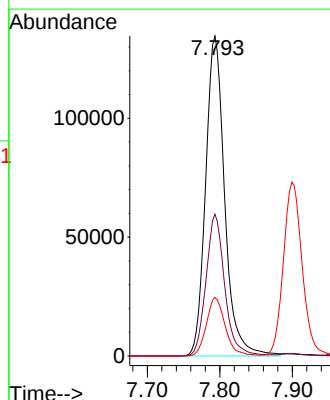
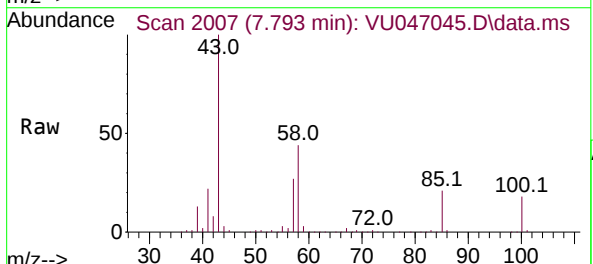
Tgt Ion: 43 Resp: 246083

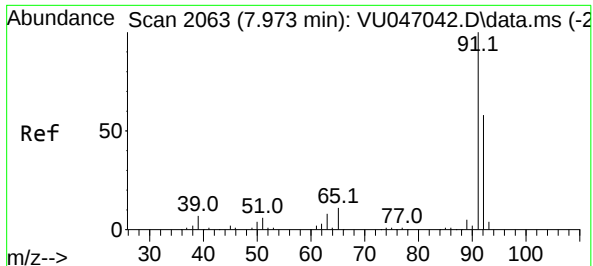
Ion Ratio Lower Upper

43 100

58 43.4 34.0 51.0

100 18.1 14.1 21.1





#42

Toluene

Concen: 5.556 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

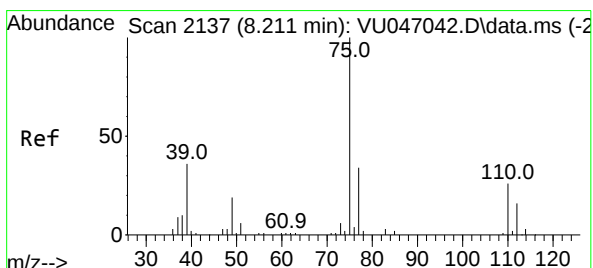
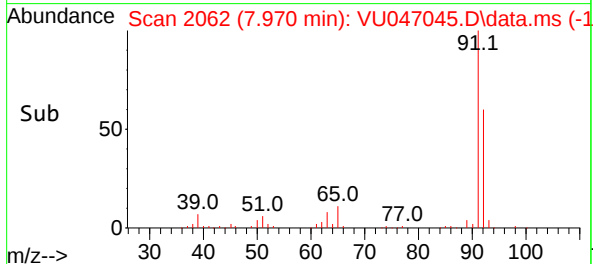
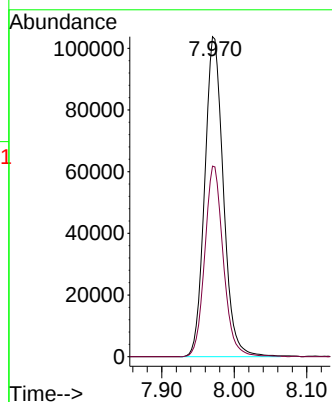
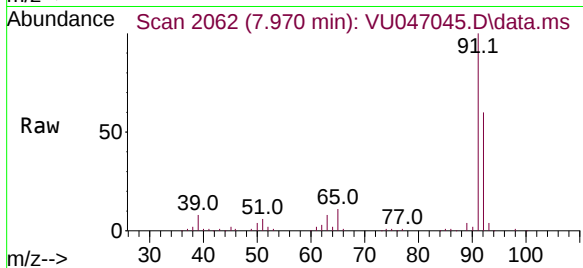
ClientSampleId :

Tgt Ion: 91 Resp: 185687

Ion Ratio Lower Upper

91 100

92 59.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 5.389 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047045.D

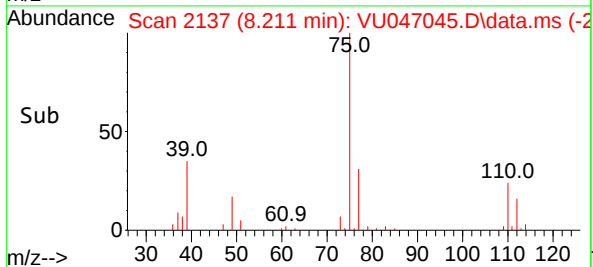
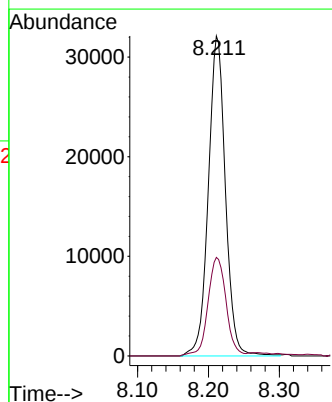
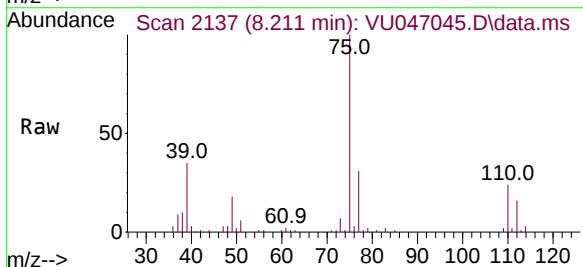
Acq: 04 Feb 2022 14:17

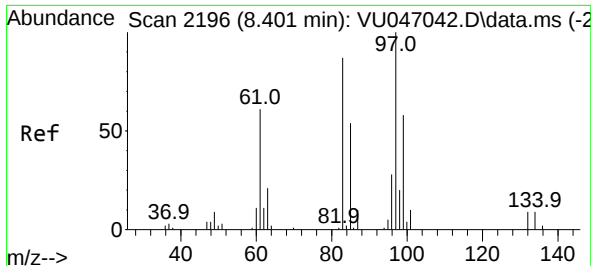
Tgt Ion: 75 Resp: 53786

Ion Ratio Lower Upper

75 100

77 30.8 23.7 43.9

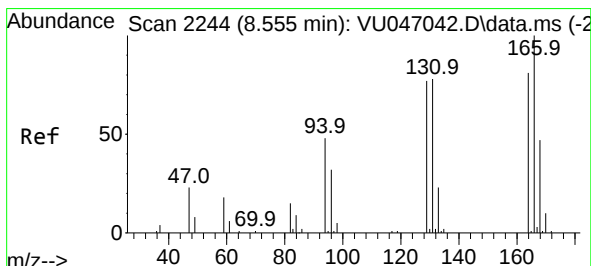
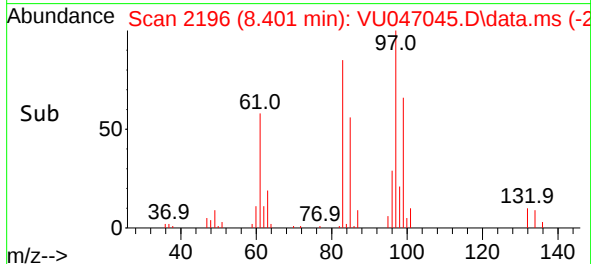
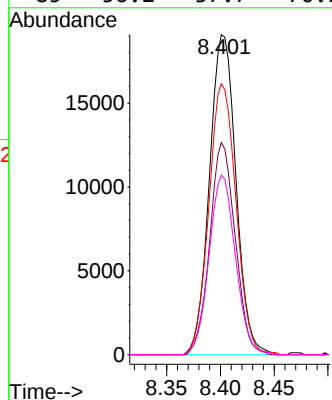
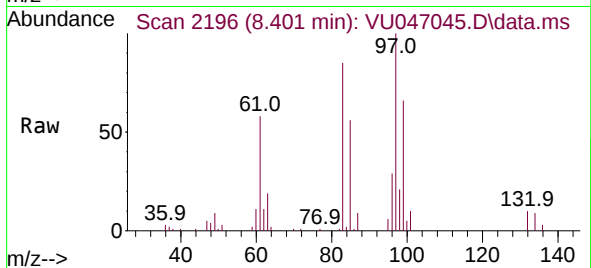




#45
1,1,2-Trichloroethane
Concen: 5.112 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

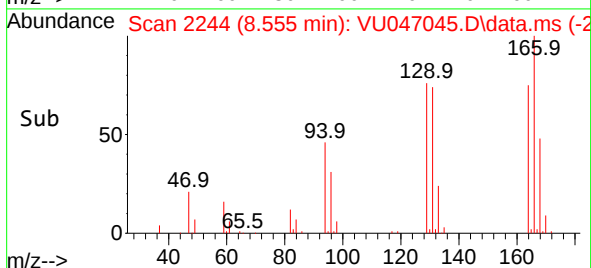
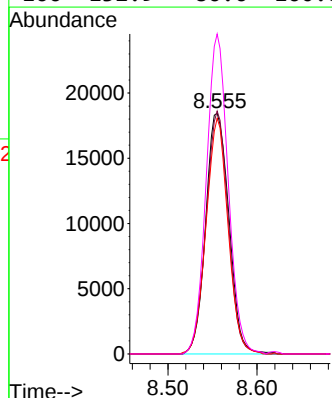
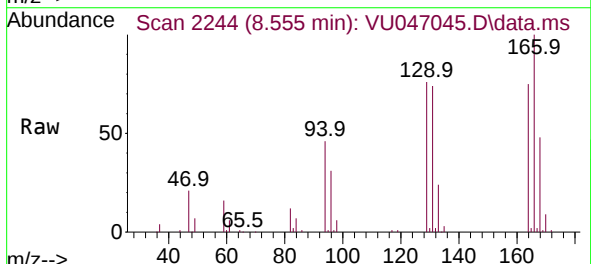
Instrument :
MSVOA_U
ClientSampleId :

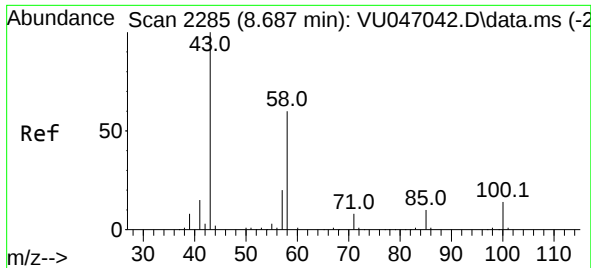
Tgt Ion: 97	Resp: 32709
Ion Ratio	Lower Upper
97 100	
99 66.3	40.4 75.0
83 84.6	60.6 112.6
85 56.2	37.7 70.1



#47
Tetrachloroethene
Concen: 5.242 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

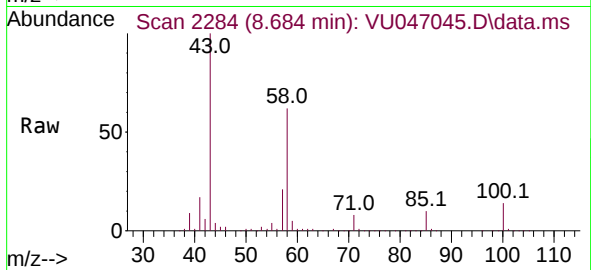
Tgt	Ion:164	Resp:	33454
Ion	Ratio	Lower	Upper
164	100		
129	100.9	66.5	123.5
131	97.9	67.5	125.4
166	132.9	86.6	160.8



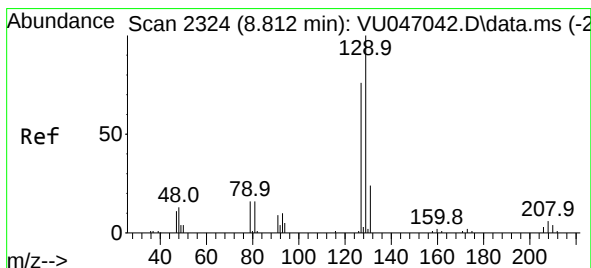
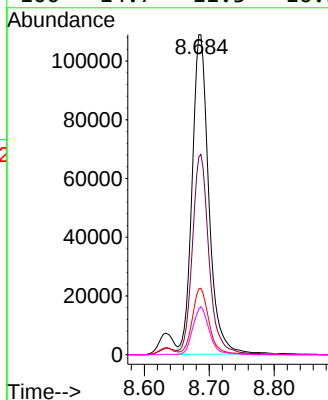
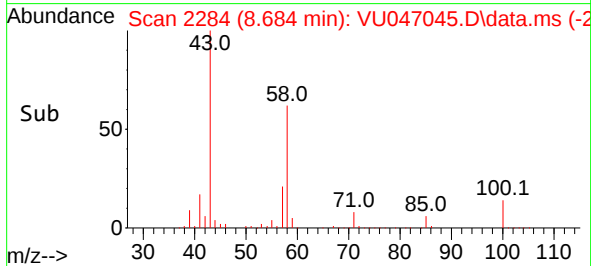


#48
2-Hexanone
Concen: 54.992 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :

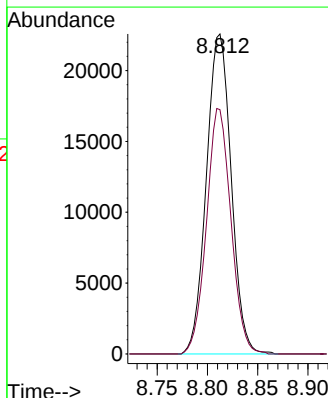
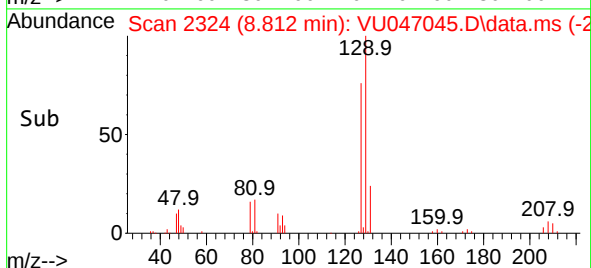
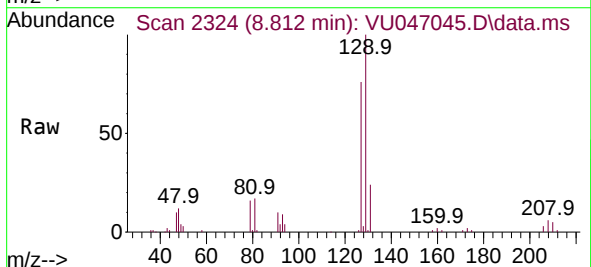


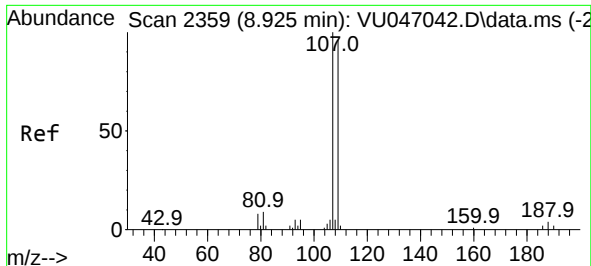
Tgt Ion: 43	Resp: 194539
Ion Ratio	Lower Upper
43 100	
58 62.1	47.8 71.6
57 20.5	16.2 24.4
100 14.7	11.3 16.9



#49
Dibromochloromethane
Concen: 5.188 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion:129	Resp: 38781		
Ion Ratio	Lower	Upper	
129 100			
127 76.3	53.4	99.2	





#50

1,2-Dibromoethane

Concen: 5.283 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047045.D

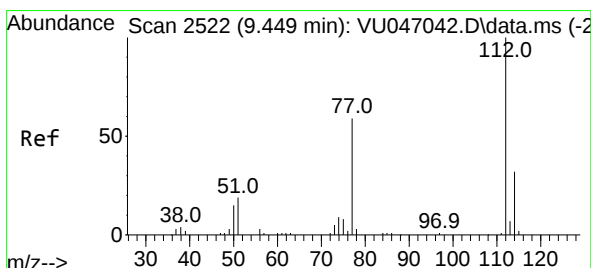
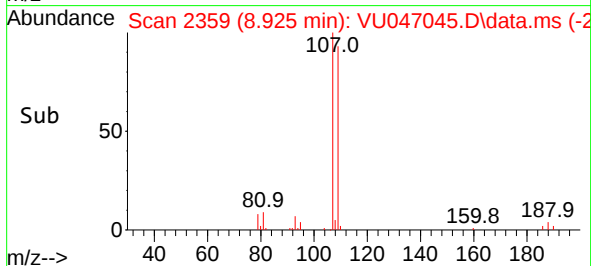
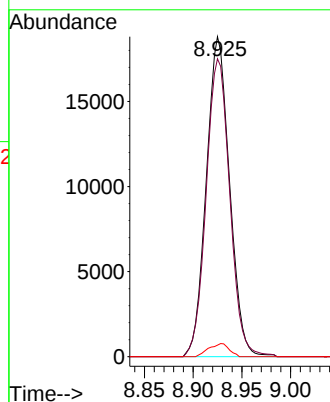
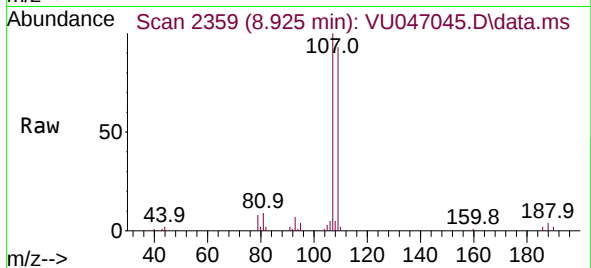
Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	31225
Ion	Ratio	Lower Upper
107	100	
109	93.1	67.4 125.2
188	3.6	3.0 4.6



#51

Chlorobenzene

Concen: 5.283 ug/L

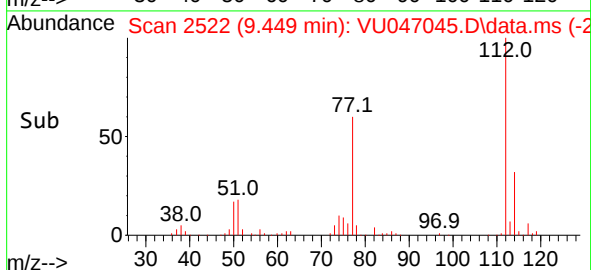
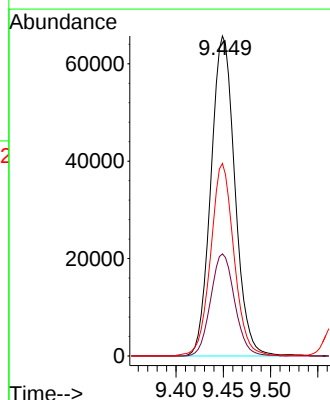
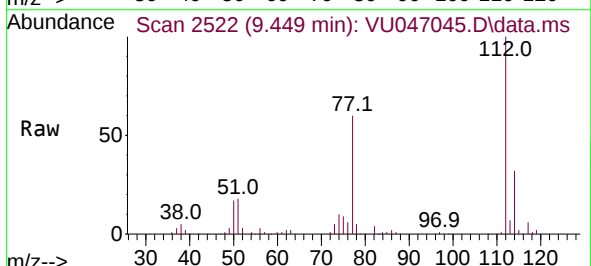
RT: 9.449 min Scan# 2522

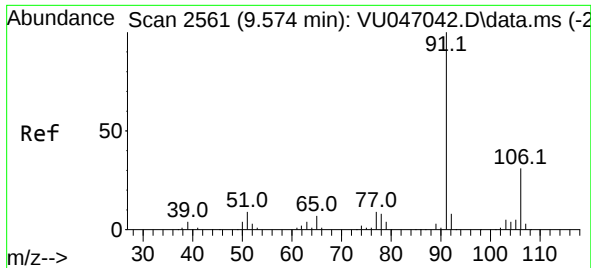
Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Tgt Ion:112	Resp:	115867
Ion	Ratio	Lower Upper
112	100	
114	31.9	22.6 42.0
77	60.2	47.3 70.9

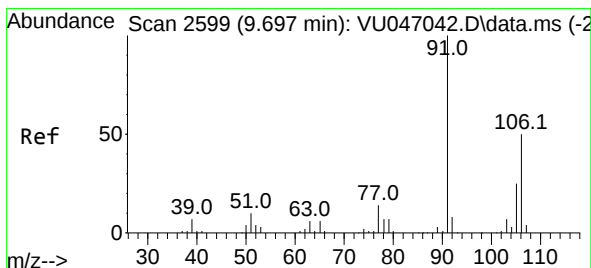
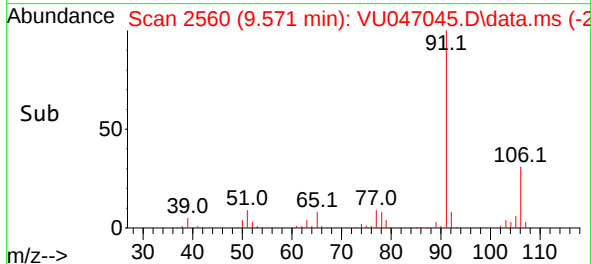
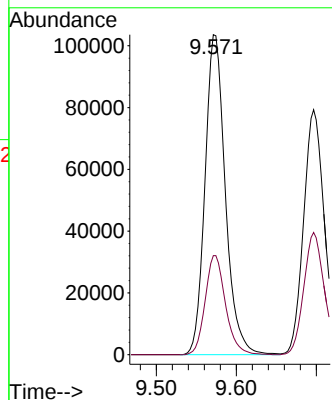
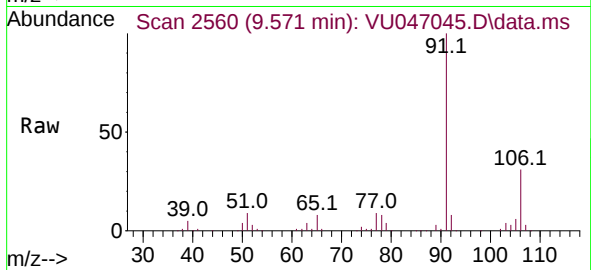




#52
Ethylbenzene
Concen: 5.463 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

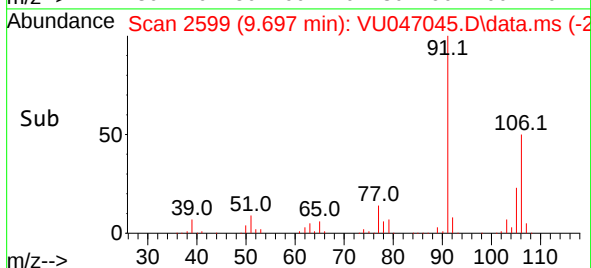
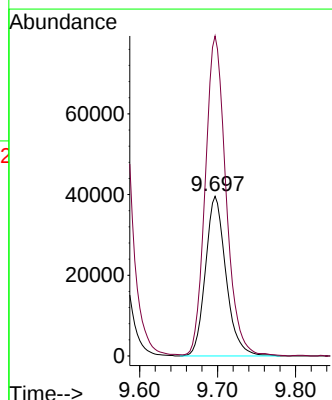
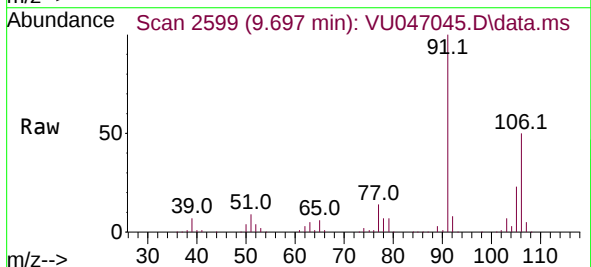
Instrument :
MSVOA_U
ClientSampleId :

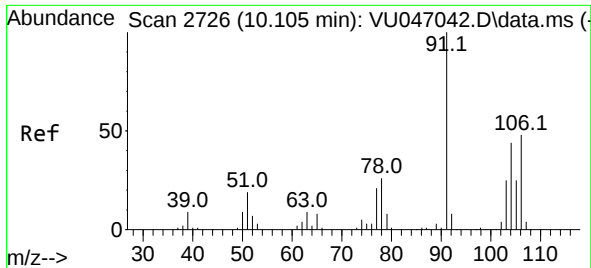
Tgt Ion: 91 Resp: 183503
Ion Ratio Lower Upper
91 100
106 31.0 22.0 40.8



#53
m,p-Xylene
Concen: 5.548 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion: 106 Resp: 72438
Ion Ratio Lower Upper
106 100
91 200.4 140.3 260.5

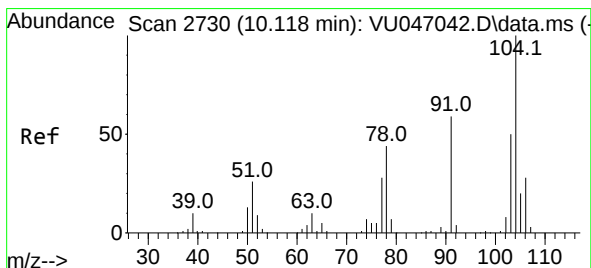
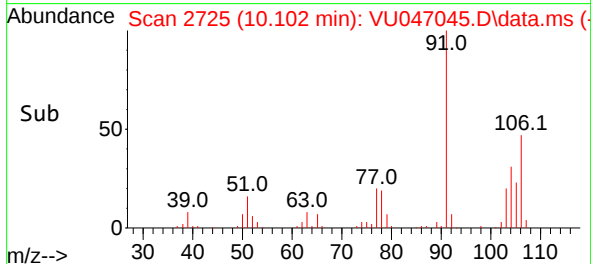
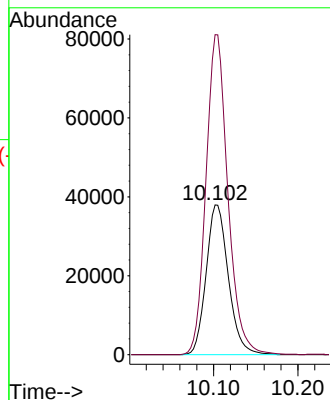
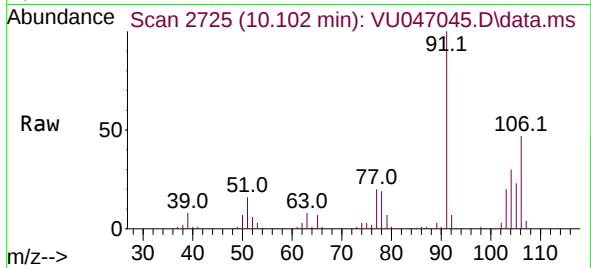




#54
o-Xylene
Concen: 5.741 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

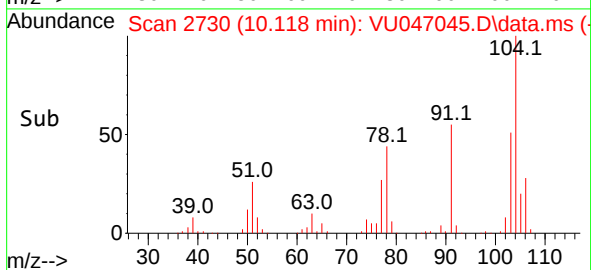
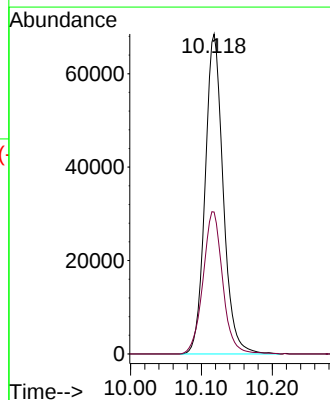
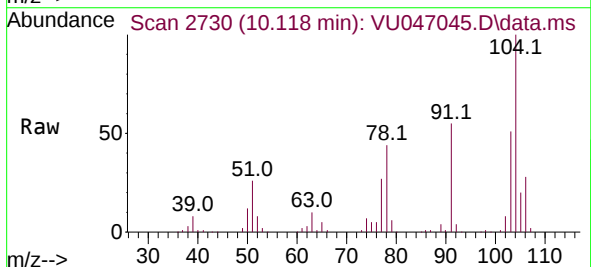
Instrument :
MSVOA_U
ClientSampleId :

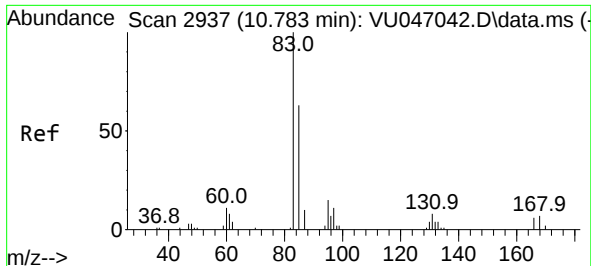
Tgt Ion:106 Resp: 69688
Ion Ratio Lower Upper
106 100
91 213.6 146.5 272.1



#55
Styrene
Concen: 5.675 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion:104 Resp: 121196
Ion Ratio Lower Upper
104 100
78 44.3 30.7 57.1





#57

1,1,2,2-Tetrachloroethane

Concen: 5.064 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

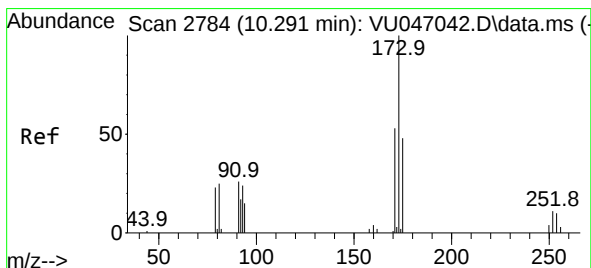
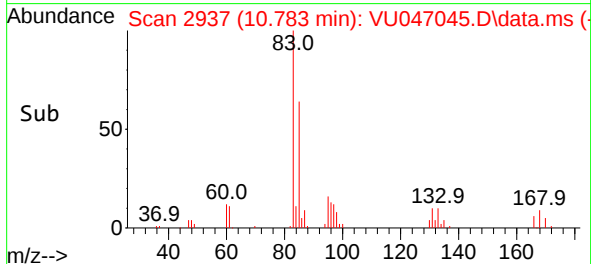
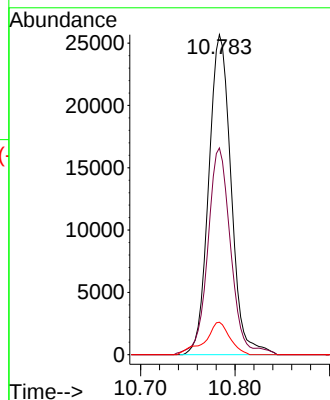
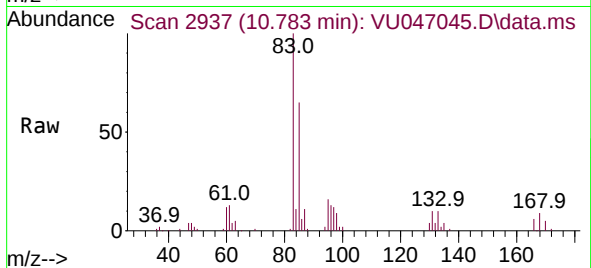
Tgt Ion: 83 Resp: 42162

Ion Ratio Lower Upper

83 100

85 64.6 44.6 82.8

131 10.1 7.4 11.0



#59

Bromoform

Concen: 5.153 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

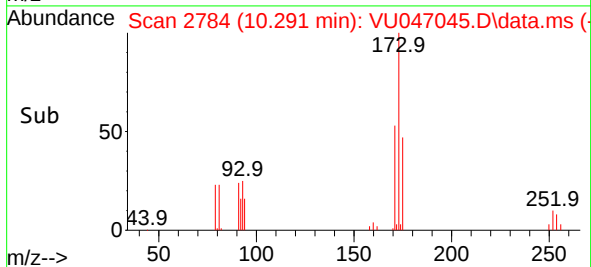
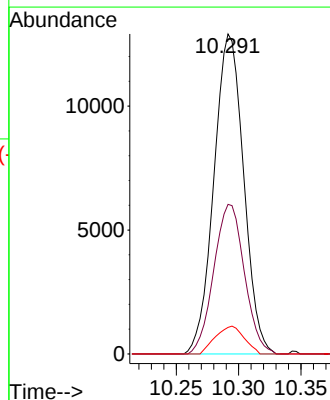
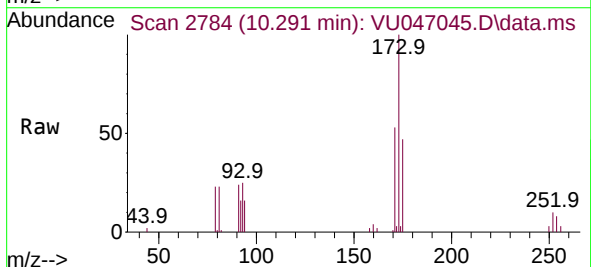
Tgt Ion:173 Resp: 21409

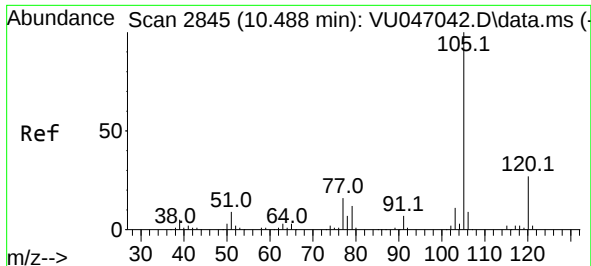
Ion Ratio Lower Upper

173 100

175 48.1 38.8 58.2

254 8.4 7.2 10.8

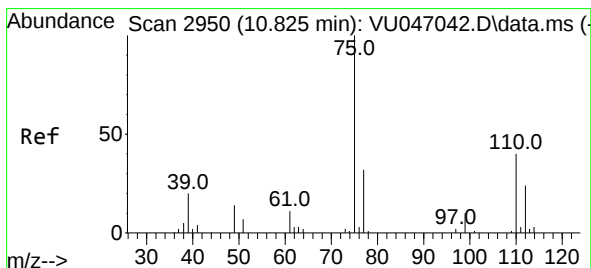
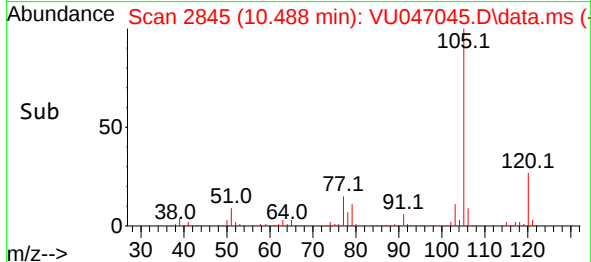
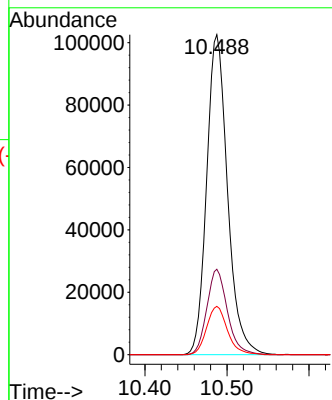
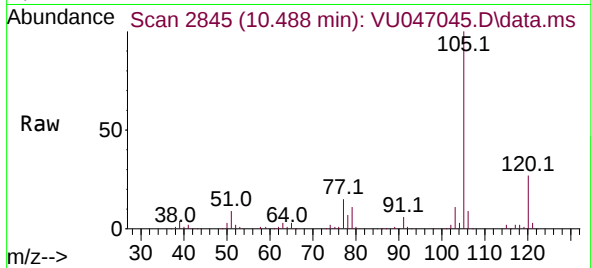




#60
Isopropylbenzene
Concen: 5.592 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

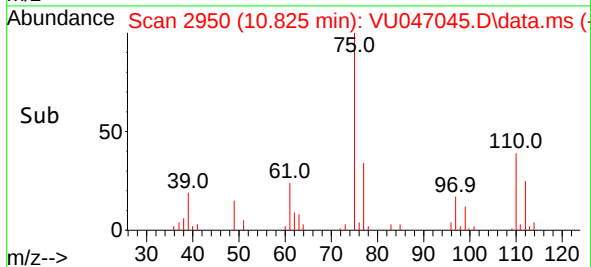
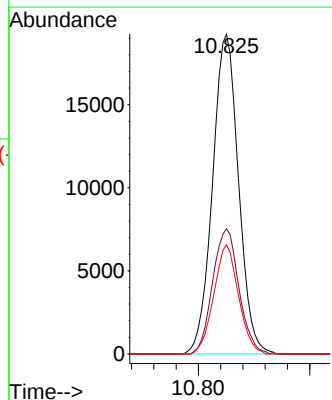
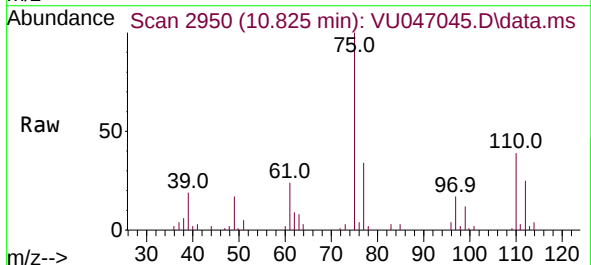
Instrument :
MSVOA_U
ClientSampleId :

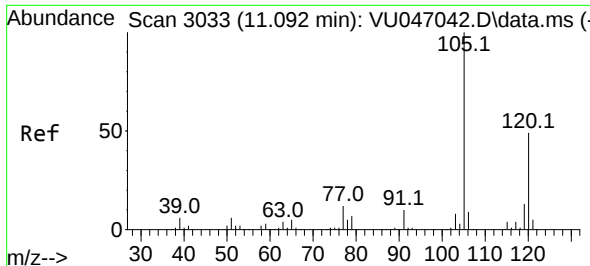
Tgt Ion:105 Resp: 180952
Ion Ratio Lower Upper
105 100
120 26.3 21.0 31.6
77 15.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.082 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion: 75 Resp: 31110
Ion Ratio Lower Upper
75 100
110 39.5 31.7 47.5
77 32.5 26.1 39.1

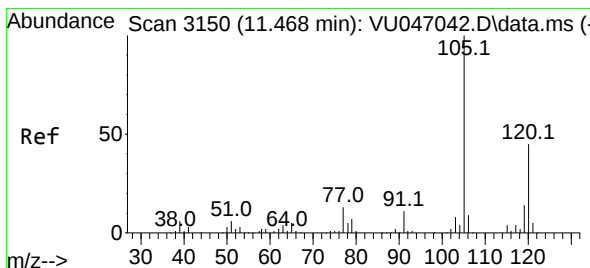
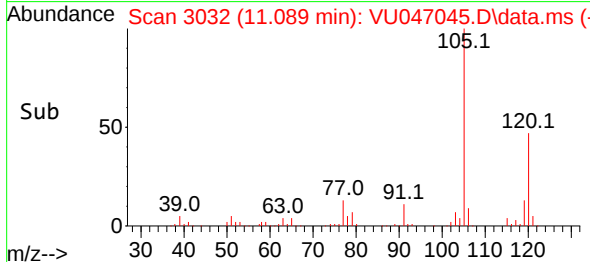
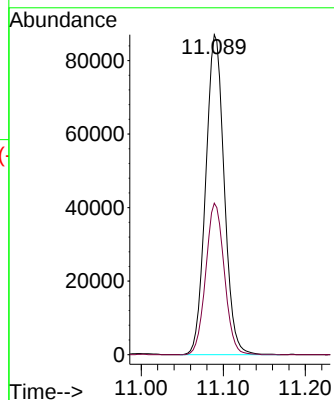
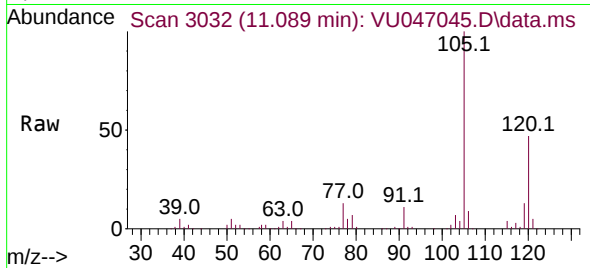




#62
1,3,5-Trimethylbenzene
Concen: 5.478 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

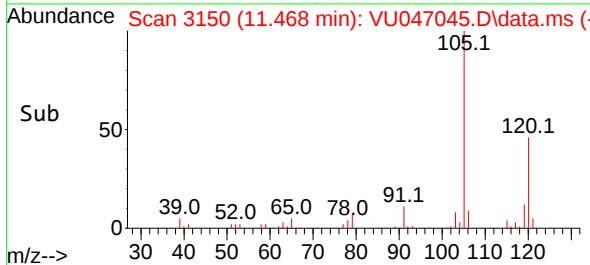
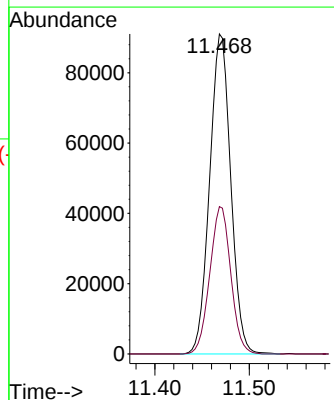
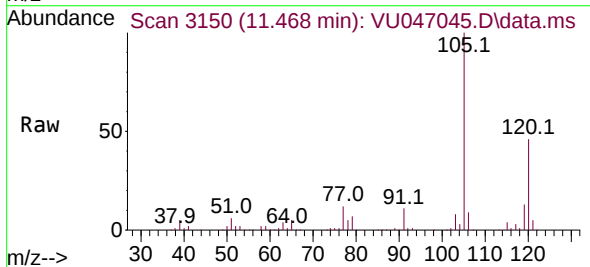
Instrument :
MSVOA_U
ClientSampleId :

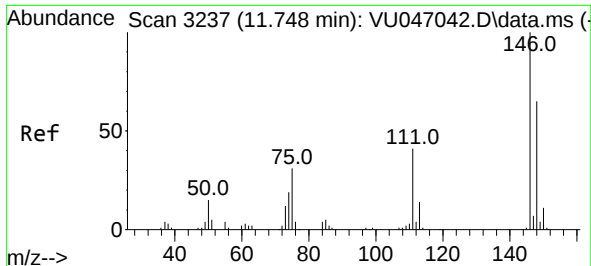
Tgt Ion:105 Resp: 136037
Ion Ratio Lower Upper
105 100
120 47.6 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.599 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

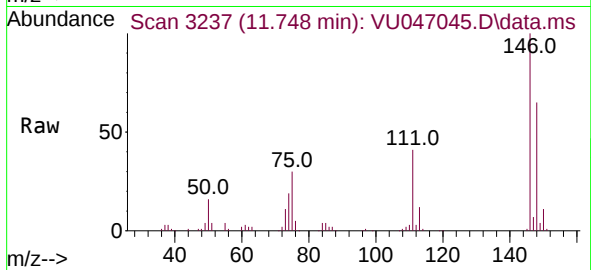
Tgt Ion:105 Resp: 141184
Ion Ratio Lower Upper
105 100
120 45.7 36.1 54.1



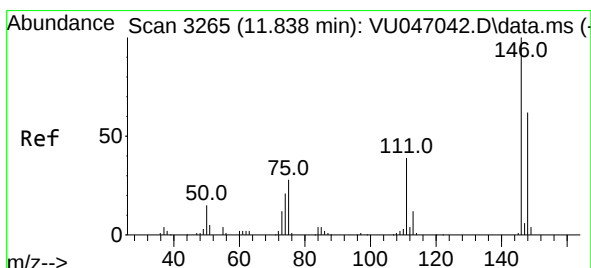
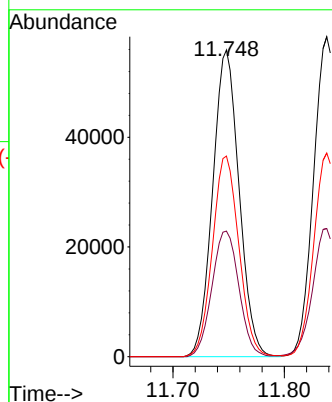
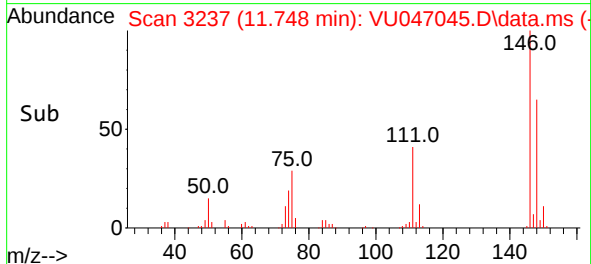


#64
1,3-Dichlorobenzene
Concen: 5.325 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

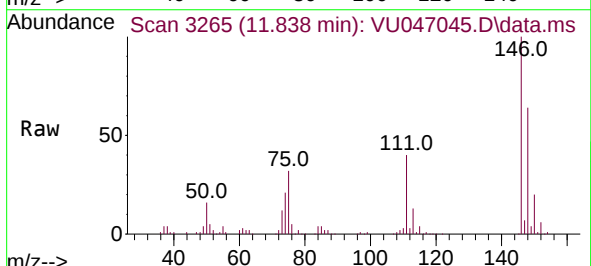
Instrument :
MSVOA_U
ClientSampleId :



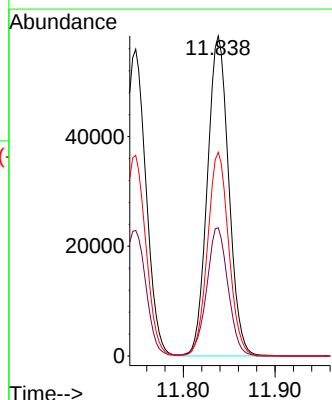
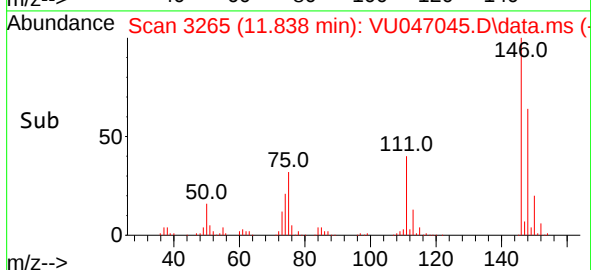
Tgt Ion:146 Resp: 92080
Ion Ratio Lower Upper
146 100
111 40.9 28.6 53.0
148 65.4 45.5 84.5

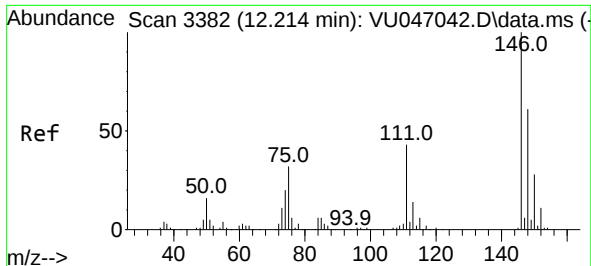


#65
1,4-Dichlorobenzene
Concen: 5.292 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17



Tgt Ion:146 Resp: 94524
Ion Ratio Lower Upper
146 100
111 40.1 27.5 51.1
148 63.7 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 5.327 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

Instrument :

MSVOA_U

ClientSampleId :

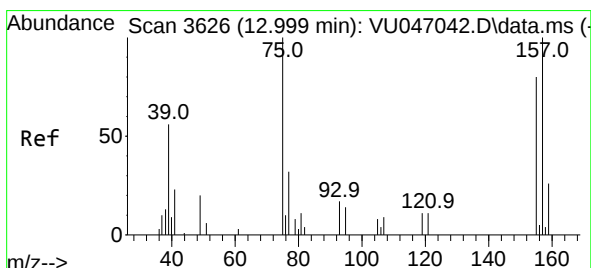
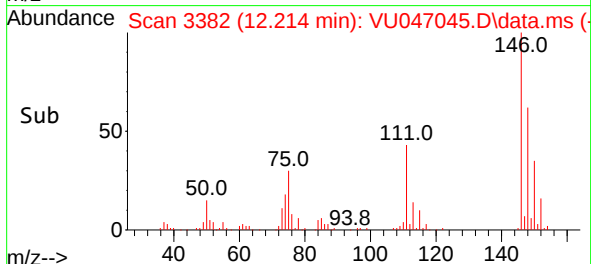
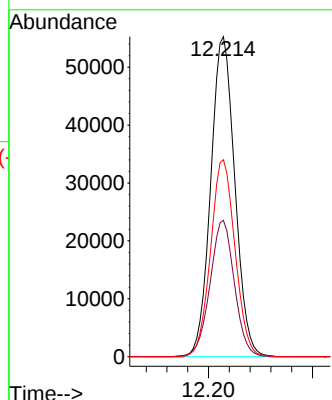
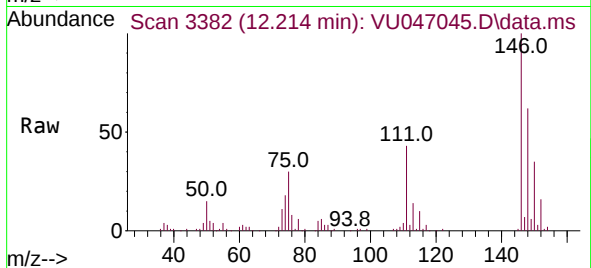
Tgt Ion:146 Resp: 88896

Ion Ratio Lower Upper

146 100

111 42.6 34.1 51.1

148 61.5 49.1 73.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.818 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047045.D

Acq: 04 Feb 2022 14:17

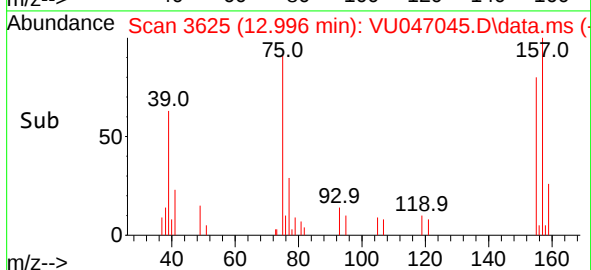
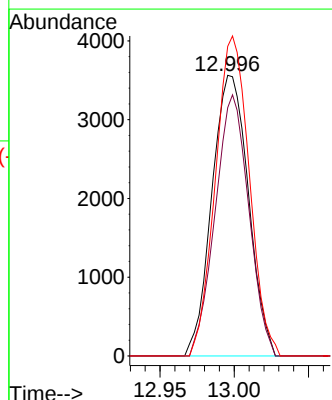
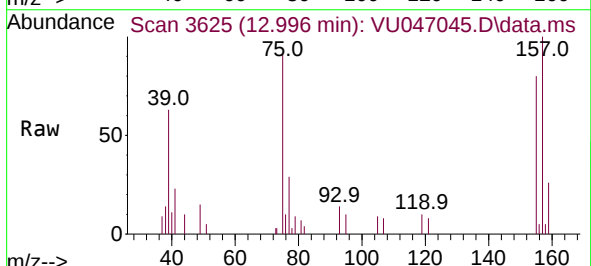
Tgt Ion: 75 Resp: 6086

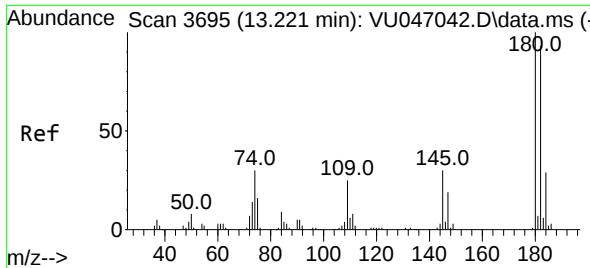
Ion Ratio Lower Upper

75 100

155 88.5 63.9 95.9

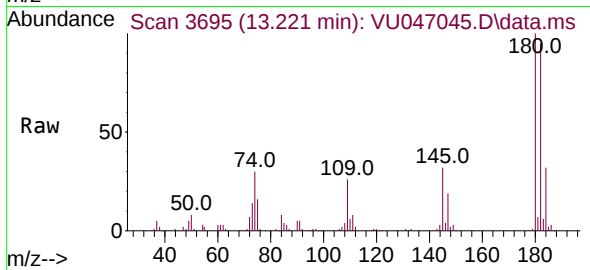
157 110.4 79.9 119.9



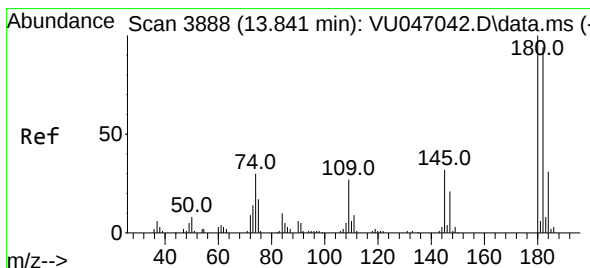
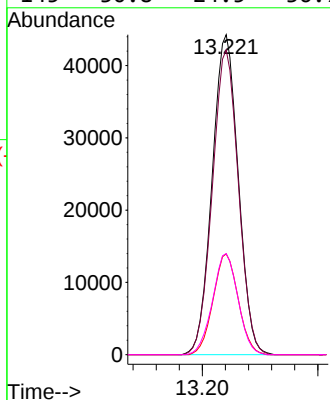
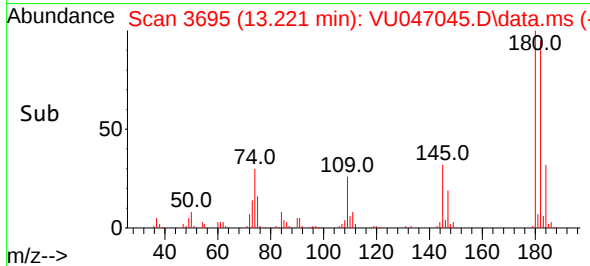


#69
 1,3,5-Trichlorobenzene
 Concen: 5.344 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17

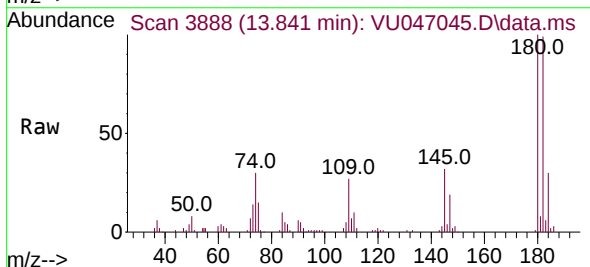
Instrument :
 MSVOA_U
 ClientSampleId :



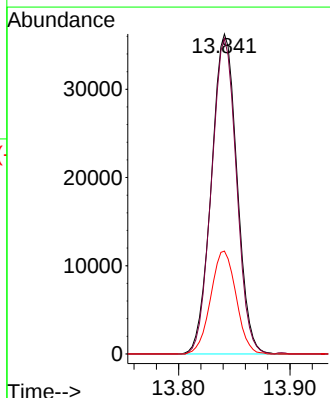
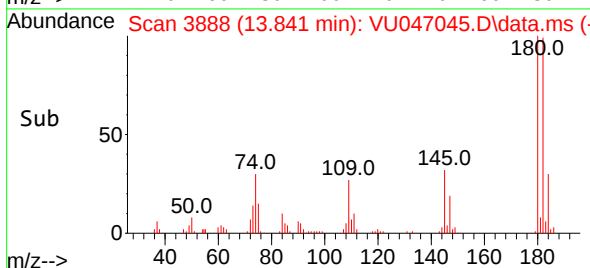
Tgt Ion:180 Resp: 69369
 Ion Ratio Lower Upper
 180 100
 182 95.2 75.1 112.7
 184 30.3 23.3 34.9
 145 30.8 24.5 36.7

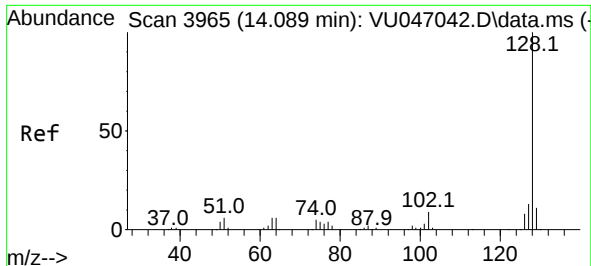


#70
 1,2,4-trichlorobenzene
 Concen: 5.472 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047045.D
 Acq: 04 Feb 2022 14:17



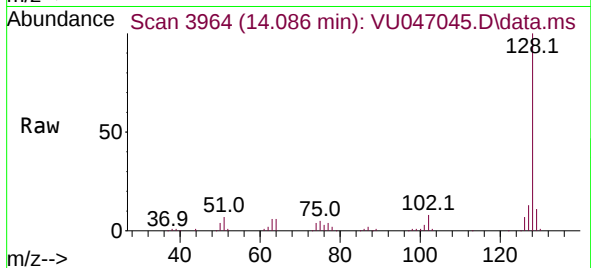
Tgt Ion:180 Resp: 57855
 Ion Ratio Lower Upper
 180 100
 182 96.0 74.2 111.4
 145 31.9 24.6 36.8



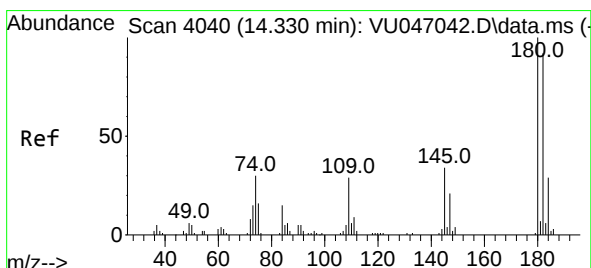
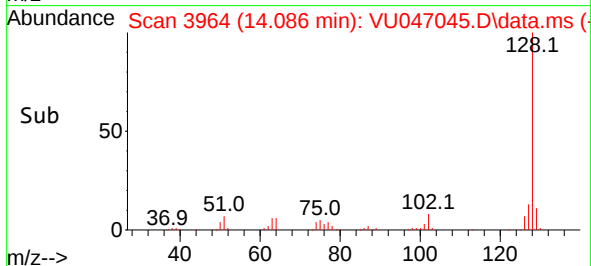
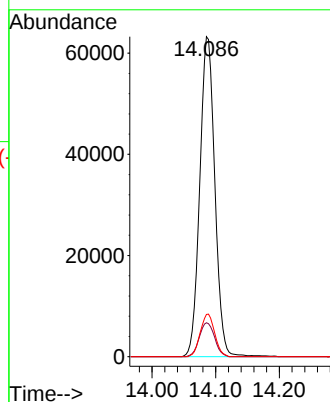


#71
Naphthalene
Concen: 5.684 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104011
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.7 10.0 15.0



#72
1,2,3-Trichlorobenzene
Concen: 5.733 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047045.D
Acq: 04 Feb 2022 14:17

Tgt Ion:180 Resp: 57857
Ion Ratio Lower Upper
180 100
182 95.5 74.0 111.0
145 32.9 27.1 40.7

