

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072622\
 Data File : VU049947.D
 Acq On : 27 Jul 2022 06:14
 Operator : SY/MD
 Sample : N3873-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

Quant Time: Jul 27 06:43:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 27 05:17:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.249	114	49709	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.416	117	45549	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	23540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	15185	3.773	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.912	69	14417	4.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.600%
11) 1,1-Dichloroethene-d2	2.565	65	6670	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	4.626	46	118702	81.977	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	163.960%#
24) Chloroform-d	5.066	84	42428	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.703	65	26787	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.729	84	67478	4.347	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.690	67	25746	4.801	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.899	98	58233	4.292	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.182	79	8520	4.376	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.632	63	57760	74.874	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.740%#
56) 1,1,2,2-Tetrachloroeth...	10.757	84	32903	7.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	146.200%#
66) 1,2-Dichlorobenzene-d4	12.195	152	22448	4.620	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	34120	6.502	ug/L	97
3) Chloromethane	1.523	50	34366	5.323	ug/L	97
5) Vinyl chloride	1.603	62	32632	6.045	ug/L	100
6) Bromomethane	1.857	94	14051	4.813	ug/L	96
8) Chloroethane	1.931	64	20220	6.500	ug/L	97
9) Trichlorofluoromethane	2.137	101	42834	6.454	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	21573	6.646	ug/L	99
12) 1,1-Dichloroethene	2.581	96	61671	18.776	ug/L #	71
13) Acetone	2.632	43	74780	85.861	ug/L	97
14) Carbon disulfide	2.793	76	58885	5.795	ug/L	97
15) Methyl Acetate	2.954	43	17255	7.947	ug/L	99
16) Methylene chloride	3.047	84	25073	3.384	ug/L	93
17) Methyl tert-butyl Ether	3.365	73	64598	6.071	ug/L	96
18) trans-1,2-Dichloroethene	3.356	96	20466	5.391	ug/L	99
19) 1,1-Dichloroethane	3.870	63	127870	15.583	ug/L	98
21) 2-Butanone	4.703	43	121948	82.558	ug/L	94
22) cis-1,2-Dichloroethene	4.667	96	24424	5.554	ug/L	99
23) Bromochloromethane	4.979	128	12432	6.329	ug/L	95
25) Chloroform	5.089	83	46838	5.380	ug/L	98

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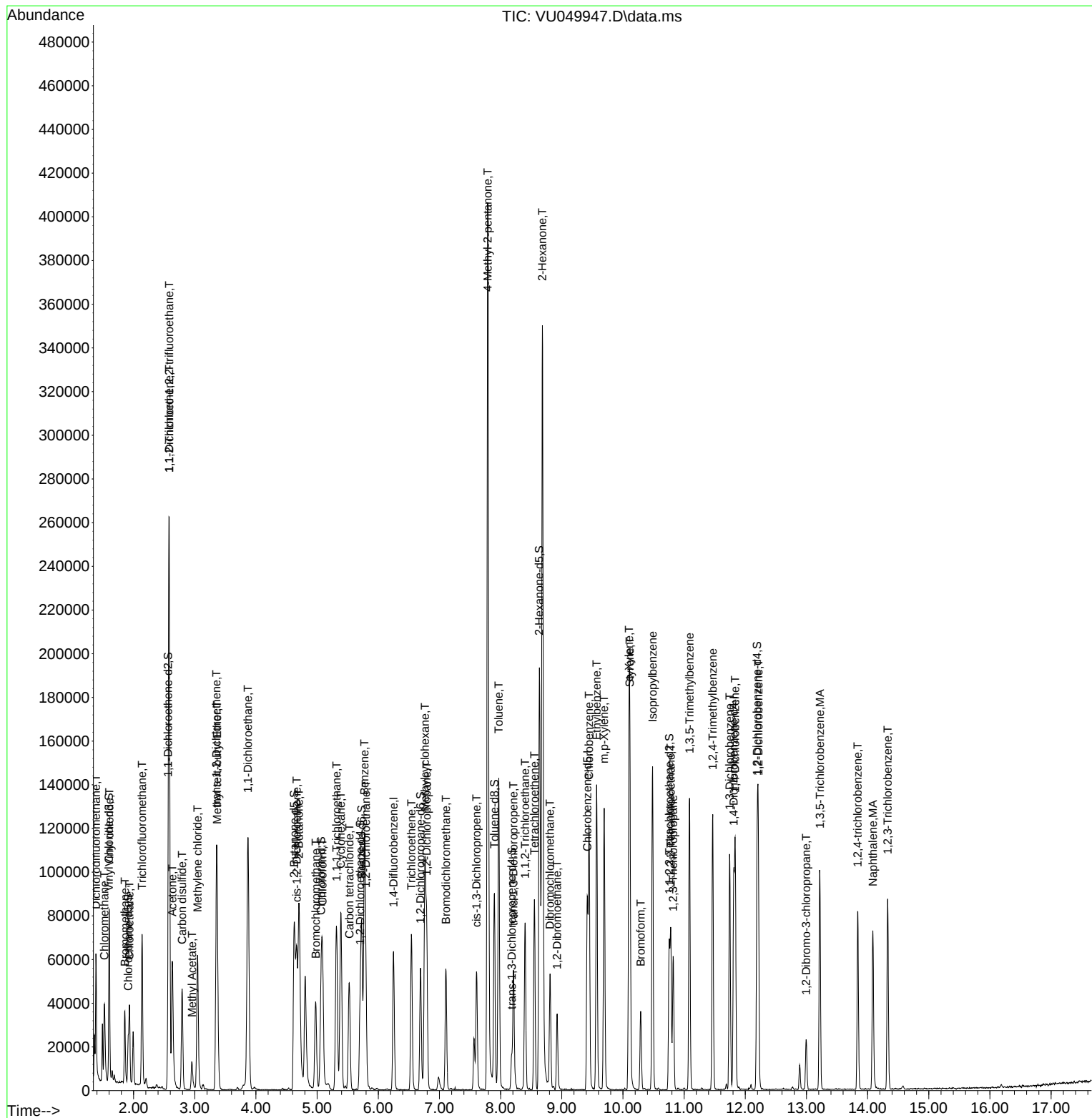
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	36498	6.104	ug/L	100
29) 1,1,1-Trichloroethane	5.317	97	56260	8.799	ug/L	98
30) Cyclohexane	5.388	56	38104	7.359	ug/L	98
31) Carbon tetrachloride	5.526	117	33977	6.544	ug/L	97
33) Benzene	5.774	78	98294	5.947	ug/L	100
34) Trichloroethene	6.542	95	24209	6.041	ug/L	96
35) Methylcyclohexane	6.764	83	34170	6.913	ug/L	98
37) 1,2-Dichloropropane	6.793	63	27897	5.922	ug/L	98
38) Bromodichloromethane	7.105	83	35481	6.029	ug/L	96
39) cis-1,3-Dichloropropene	7.606	75	30292	4.880	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	273713	83.303	ug/L	100
42) Toluene	7.970	91	100967	6.108	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	29347	5.476	ug/L	95
45) 1,1,2-Trichloroethane	8.400	97	23550	7.005	ug/L	97
47) Tetrachloroethene	8.552	164	18076	6.552	ug/L	96
48) 2-Hexanone	8.683	43	225763	92.059	ug/L	97
49) Dibromochloromethane	8.809	129	24108	6.416	ug/L	89
50) 1,2-Dibromoethane	8.925	107	21413	7.172	ug/L #	98
51) Chlorobenzene	9.445	112	60129	5.729	ug/L	99
52) Ethylbenzene	9.571	91	95397	5.613	ug/L	99
53) m,p-Xylene	9.693	106	33795	5.405	ug/L	98
54) o-Xylene	10.098	106	32386	5.242	ug/L	96
55) Styrene	10.114	104	54801	5.236	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.783	83	34741	8.000	ug/L	96
59) Bromoform	10.291	173	15570	7.599	ug/L	99
60) Isopropylbenzene	10.484	105	90085	5.785	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	24674	7.867	ug/L	97
62) 1,3,5-Trimethylbenzene	11.088	105	69389	5.273	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	66077	5.174	ug/L	98
64) 1,3-Dichlorobenzene	11.744	146	41524	5.393	ug/L	96
65) 1,4-Dichlorobenzene	11.834	146	39965	5.246	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	42342	5.567	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	6007	8.562	ug/L	95
69) 1,3,5-Trichlorobenzene	13.220	180	28647	5.039	ug/L	97
70) 1,2,4-trichlorobenzene	13.838	180	23204	4.862	ug/L	98
71) Naphthalene	14.085	128	59738	6.420	ug/L	99
72) 1,2,3-Trichlorobenzene	14.329	180	24745	5.394	ug/L	97

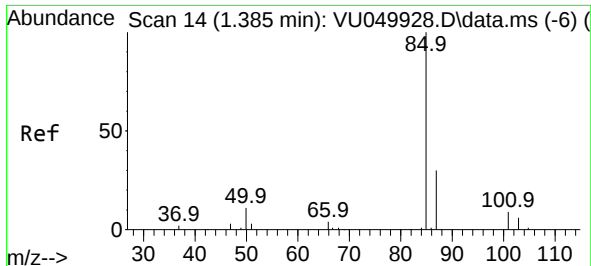
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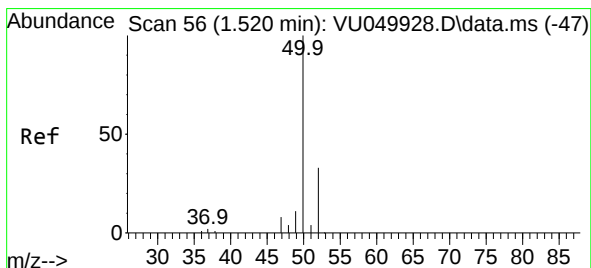
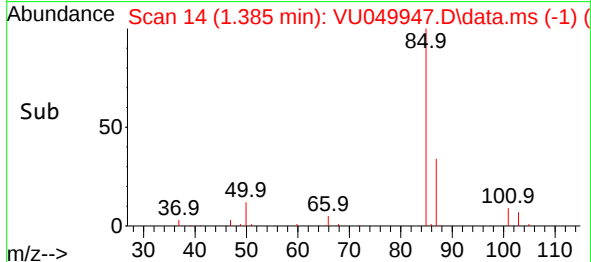
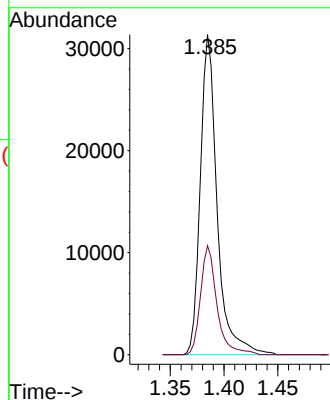
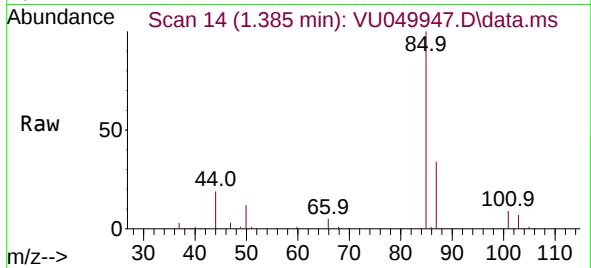




#2
Dichlorodifluoromethane
Concen: 6.502 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

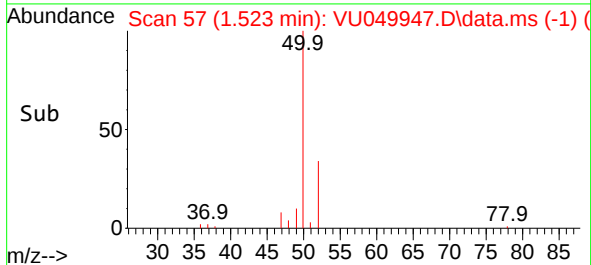
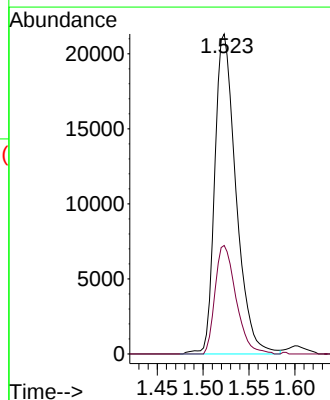
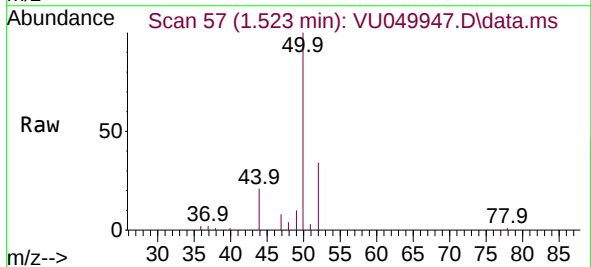
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MSVOA_U
ClientSampleId :
GBJ27MSD

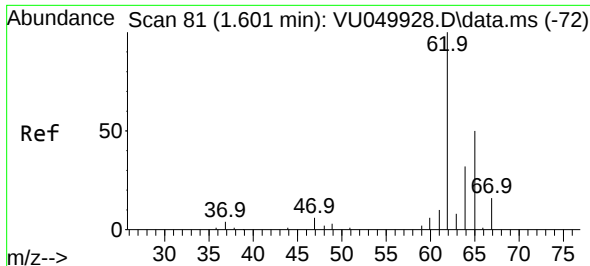
Tgt Ion: 85 Resp: 34120
Ion Ratio Lower Upper
85 100
87 33.2 25.4 38.2



#3
Chloromethane
Concen: 5.323 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 50 Resp: 34366
Ion Ratio Lower Upper
50 100
52 33.9 22.5 41.7

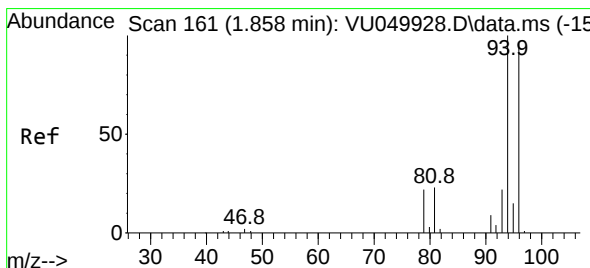
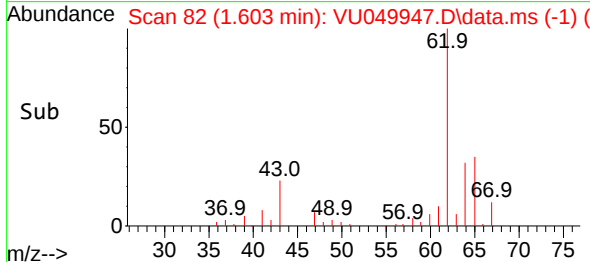
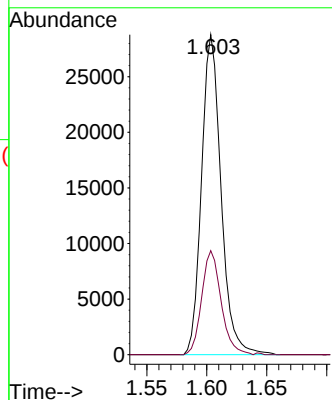
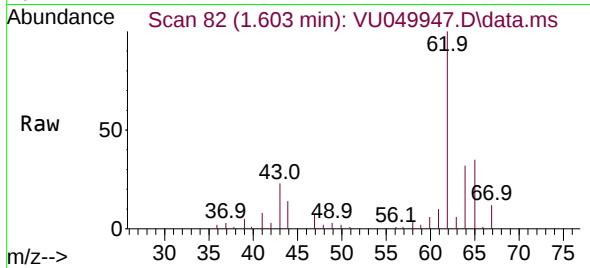




#5
 Vinyl chloride
 Concen: 6.045 ug/L
 RT: 1.603 min Scan# 81
 Delta R.T. 0.002 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

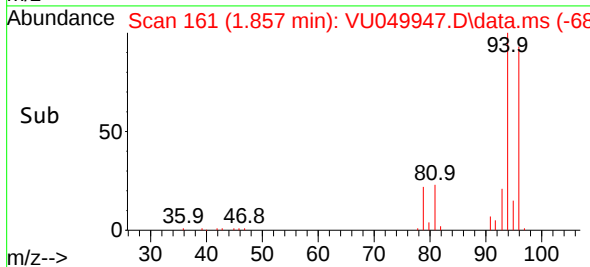
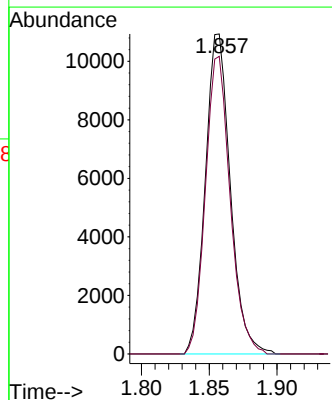
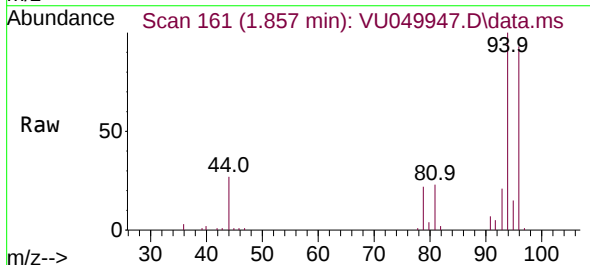
Instrument :
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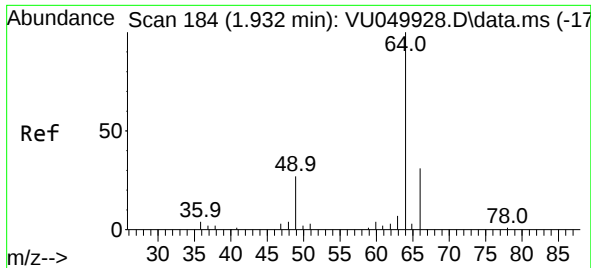
Tgt Ion: 62 Resp: 32632
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.7 42.3



#6
 Bromomethane
 Concen: 4.813 ug/L
 RT: 1.857 min Scan# 161
 Delta R.T. -0.001 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

Tgt Ion: 94 Resp: 14051
 Ion Ratio Lower Upper
 94 100
 96 93.0 62.6 116.3

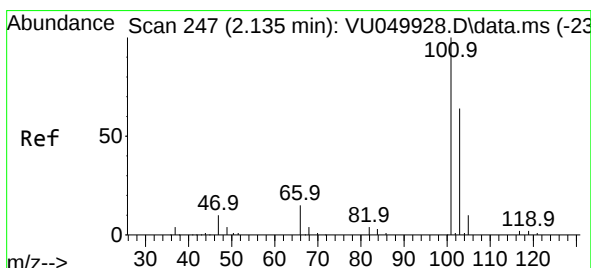
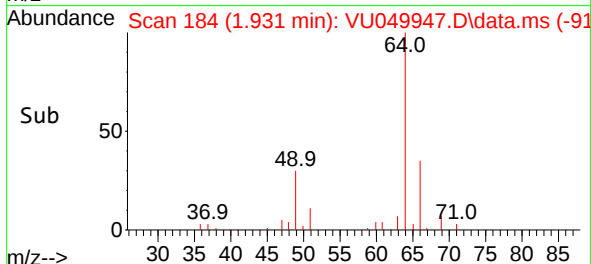
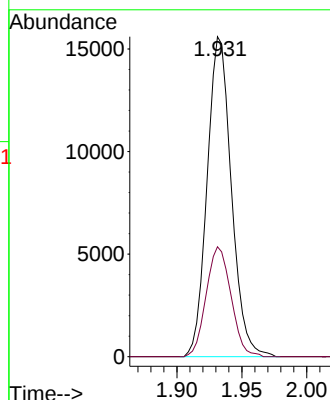
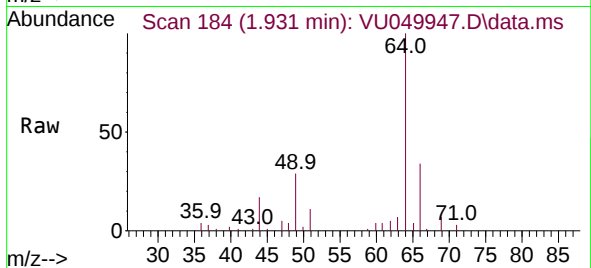




#8
Chloroethane
Concen: 6.500 ug/L
RT: 1.931 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

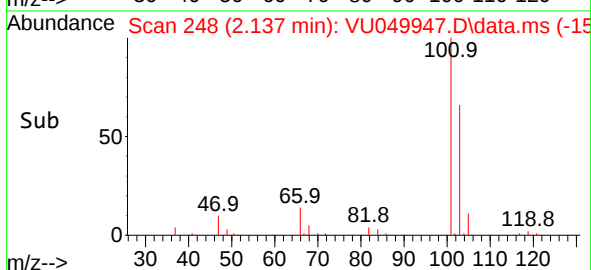
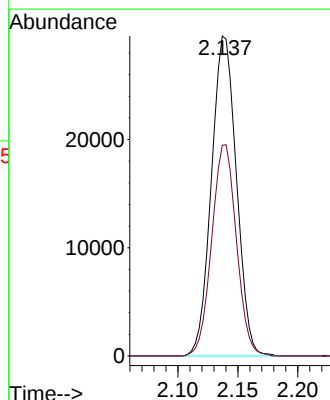
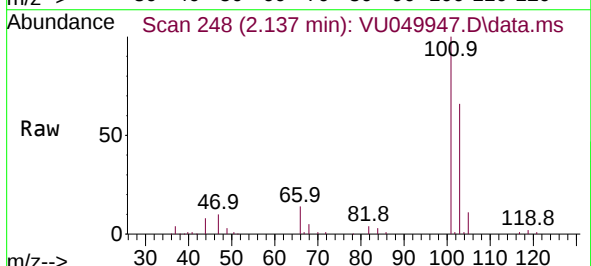
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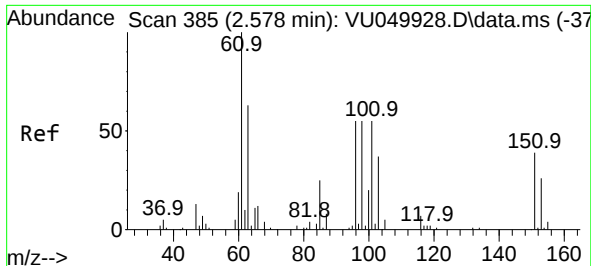
Tgt Ion: 64 Resp: 20220
Ion Ratio Lower Upper
64 100
66 34.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 6.454 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:101 Resp: 42834
Ion Ratio Lower Upper
101 100
103 65.2 50.8 76.2





#10

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

Concen: 6.646 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

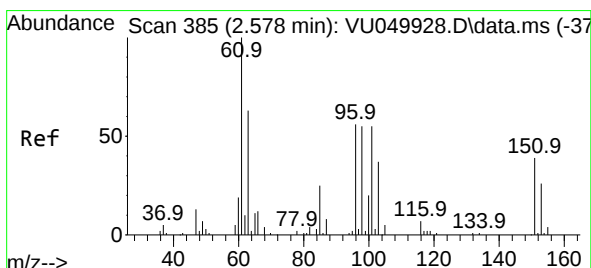
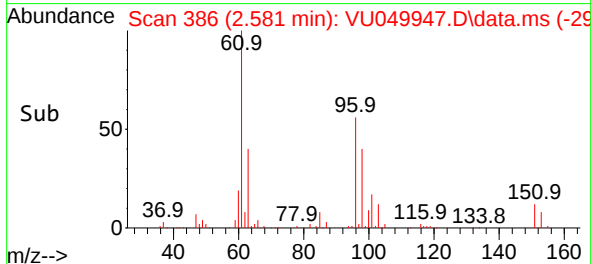
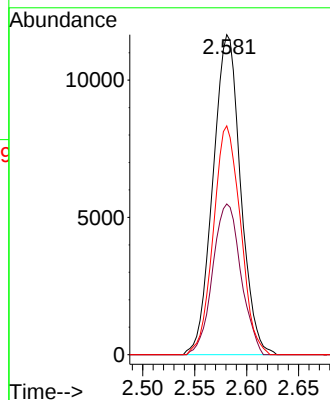
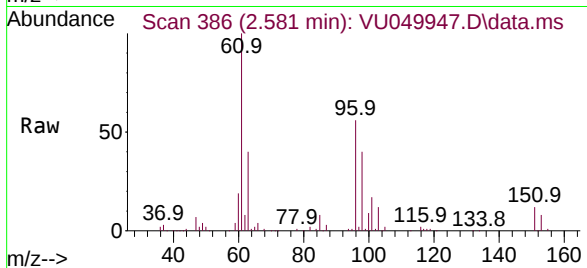
Tgt Ion:101 Resp: 21573

Ion Ratio Lower Upper

101 100

85 48.0 37.2 55.8

151 70.3 56.0 84.0



#12

1,1-Dichloroethene

Concen: 18.776 ug/L

RT: 2.581 min Scan# 386

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

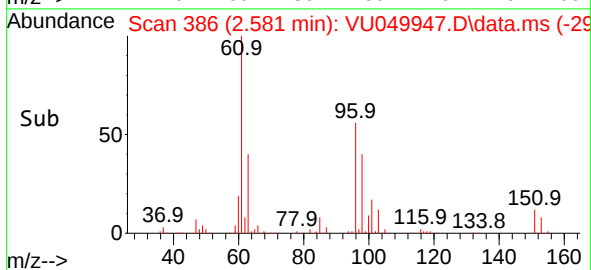
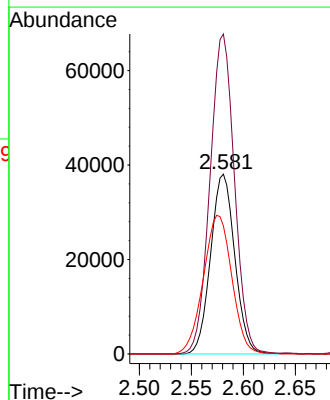
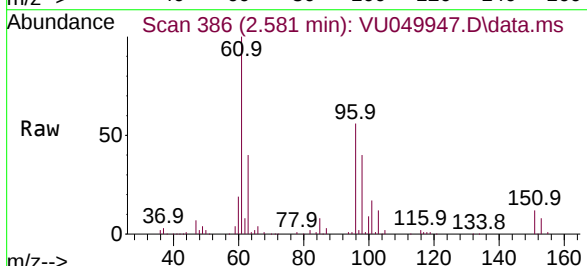
Tgt Ion: 96 Resp: 61671

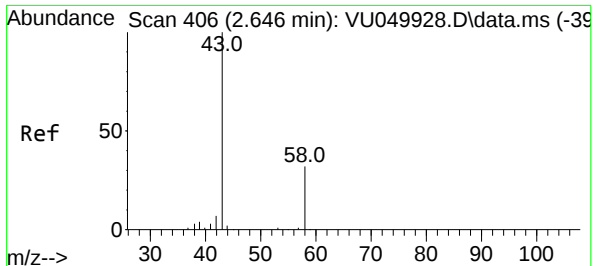
Ion Ratio Lower Upper

96 100

61 177.9 131.6 244.4

63 71.1 100.0 185.6#





#13

Acetone

Concen: 85.861 ug/L

RT: 2.632 min Scan# 406

Delta R.T. -0.014 min

Lab File: VU049947.D

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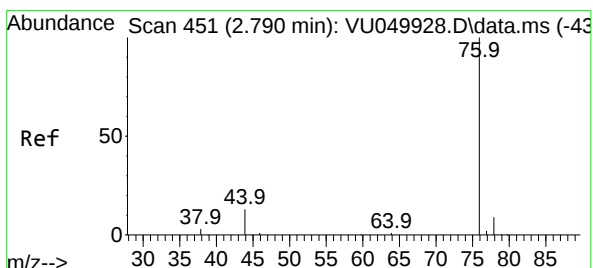
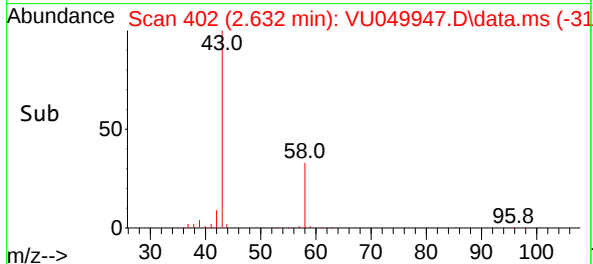
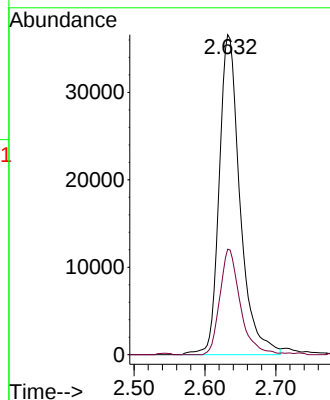
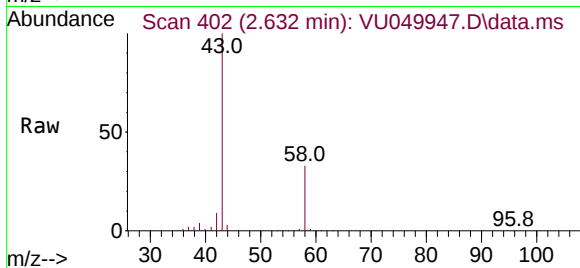
GBJ27MSD

Tgt Ion: 43 Resp: 74780

Ion Ratio Lower Upper

43 100

58 32.2 0.0 61.0



#14

Carbon disulfide

Concen: 5.795 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.002 min

Lab File: VU049947.D

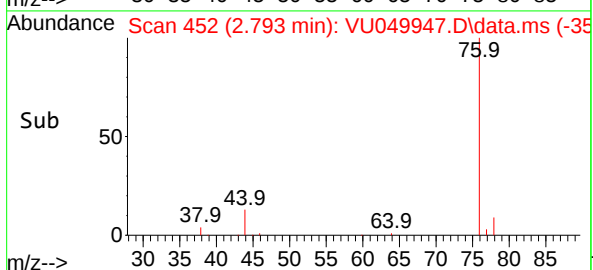
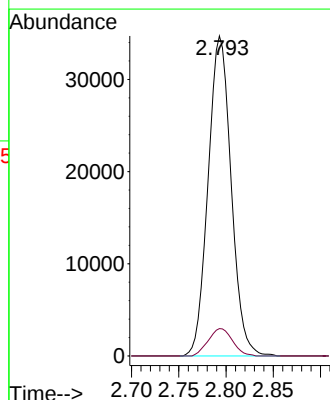
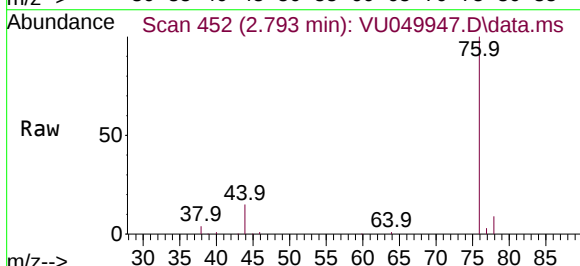
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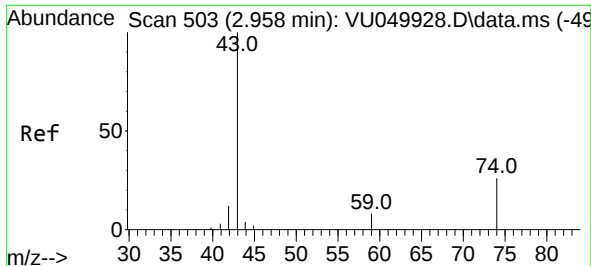
Tgt Ion: 76 Resp: 58885

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.6

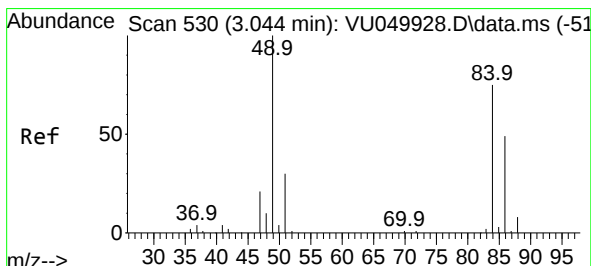
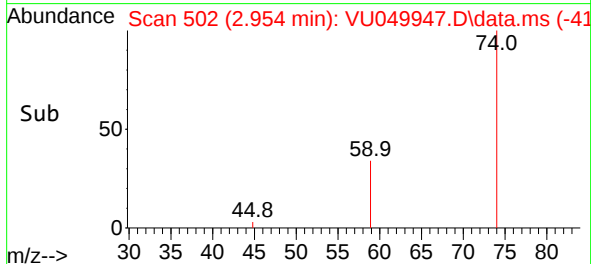
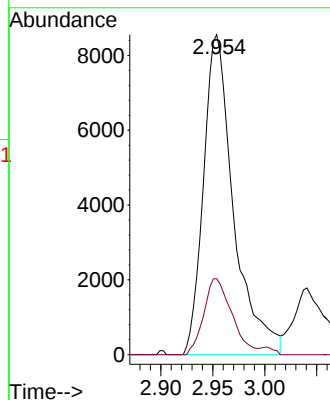
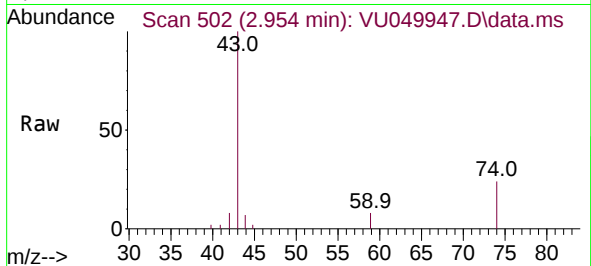




#15
Methyl Acetate
Concen: 7.947 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.004 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

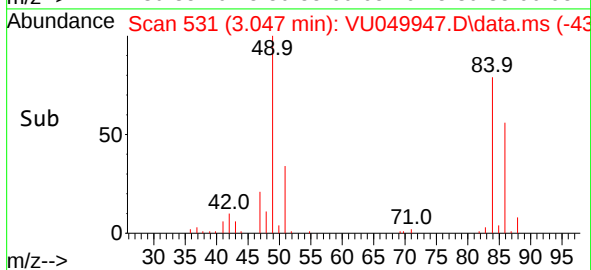
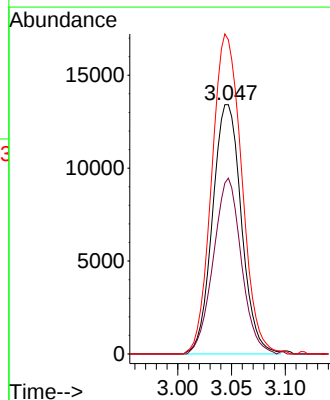
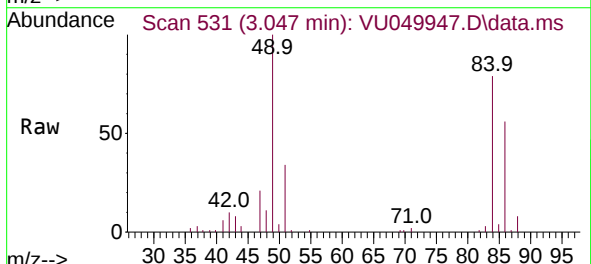
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

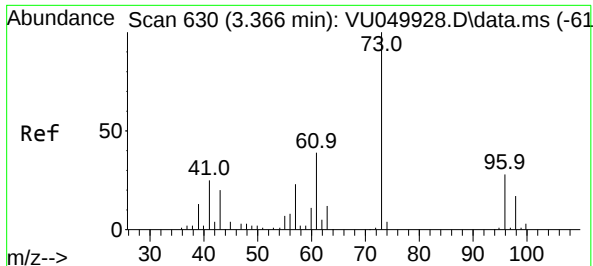
Tgt Ion: 43 Resp: 17255
Ion Ratio Lower Upper
43 100
74 22.0 17.1 25.7



#16
Methylene chloride
Concen: 3.384 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 84 Resp: 25073
Ion Ratio Lower Upper
84 100
86 70.5 45.5 84.5
49 126.1 94.1 174.8





#17

Methyl tert-butyl Ether

Concen: 6.071 ug/L

RT: 3.365 min Scan# 61

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

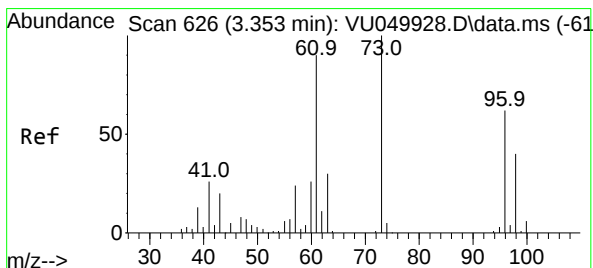
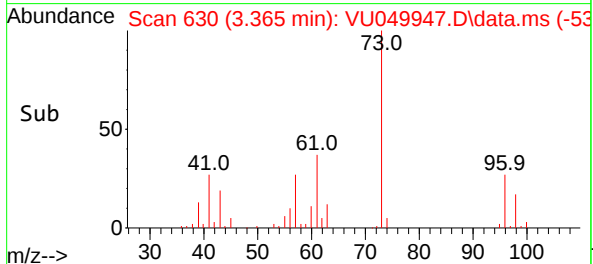
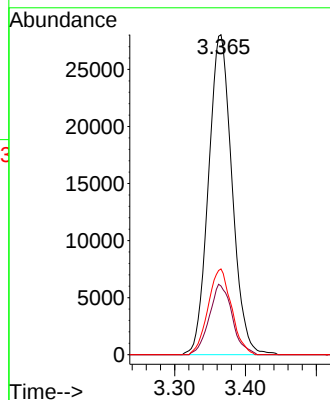
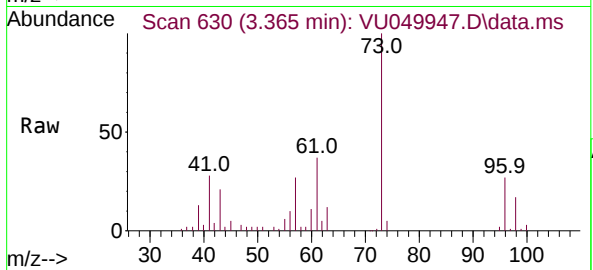
Tgt Ion: 73 Resp: 64598

Ion Ratio Lower Upper

73 100

43 21.5 17.4 26.2

57 26.7 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 5.391 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

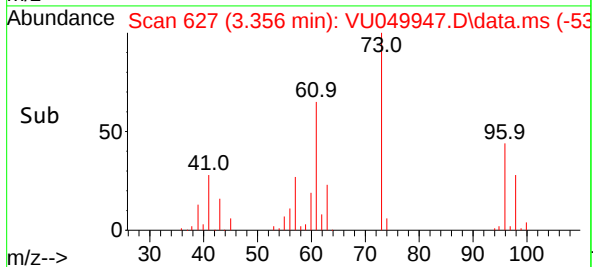
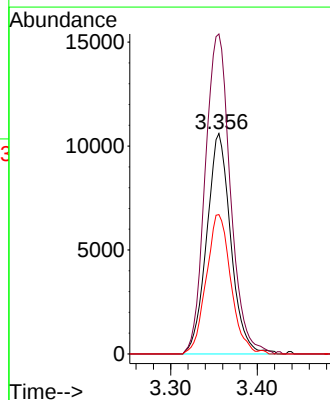
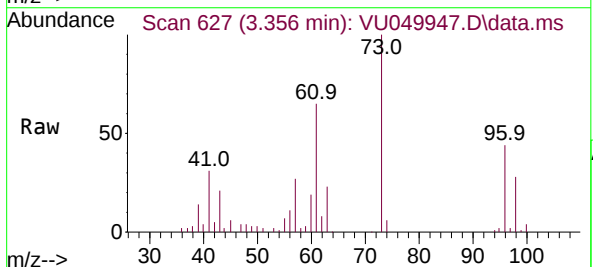
Tgt Ion: 96 Resp: 20466

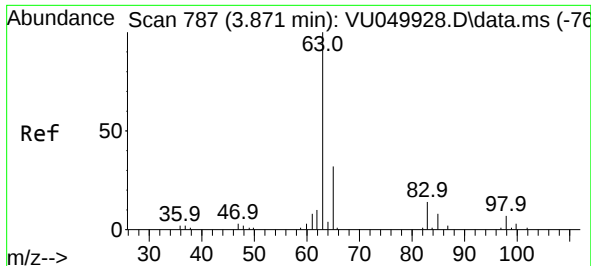
Ion Ratio Lower Upper

96 100

61 145.1 101.5 188.5

98 63.2 42.5 78.9

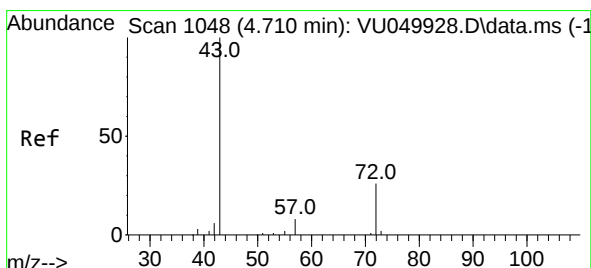
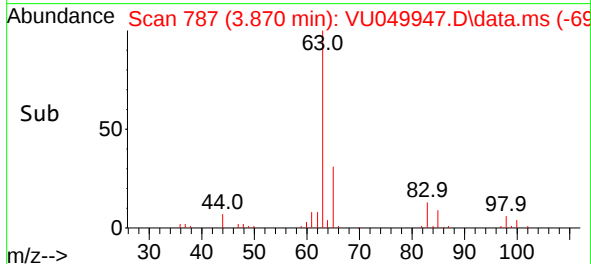
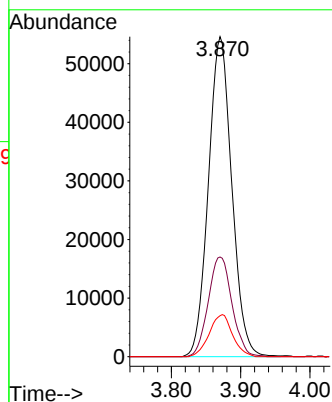
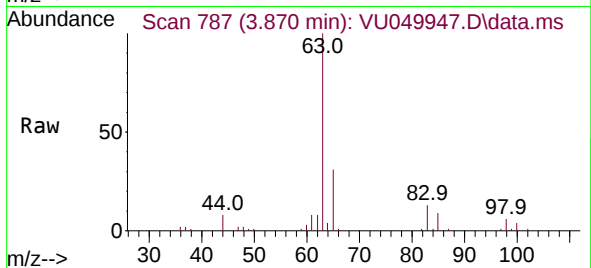




#19
1,1-Dichloroethane
Concen: 15.583 ug/L
RT: 3.870 min Scan# 787
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

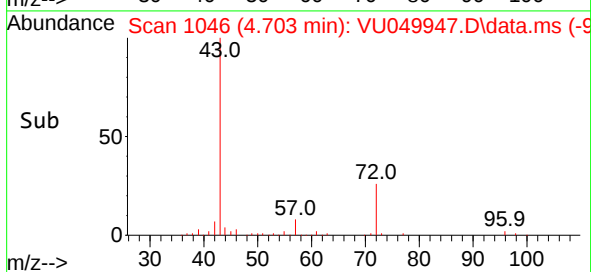
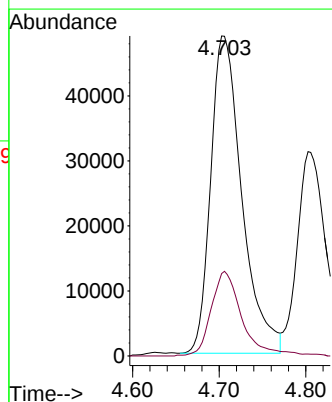
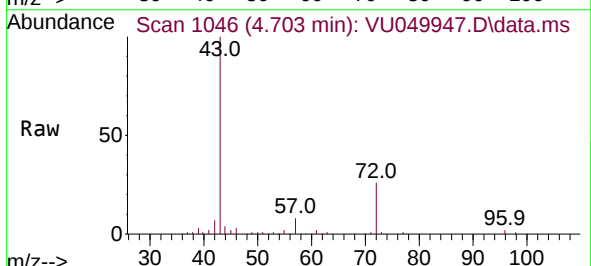
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

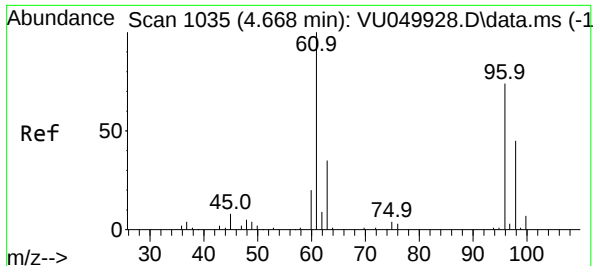
Tgt Ion: 63 Resp: 127870
Ion Ratio Lower Upper
63 100
65 31.2 22.5 41.9
83 12.8 8.3 15.5



#21
2-Butanone
Concen: 82.558 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.007 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 43 Resp: 121948
Ion Ratio Lower Upper
43 100
72 26.5 11.9 35.5

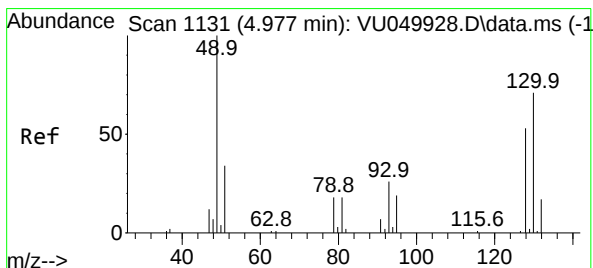
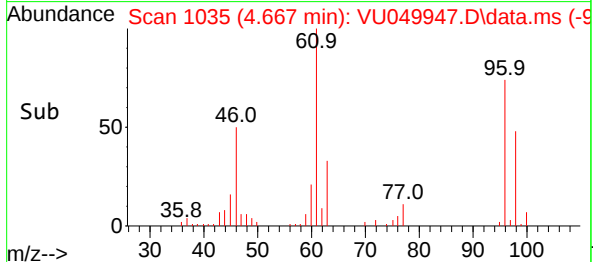
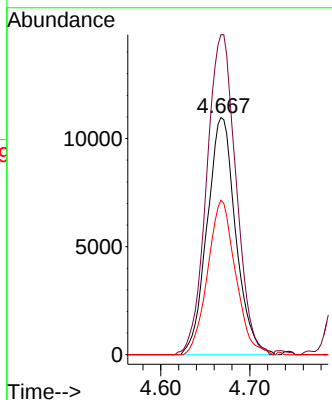
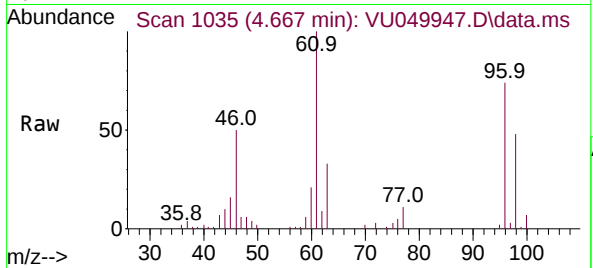




#22
 cis-1,2-Dichloroethene
 Concen: 5.554 ug/L
 RT: 4.667 min Scan# 1035
 Delta R.T. -0.001 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

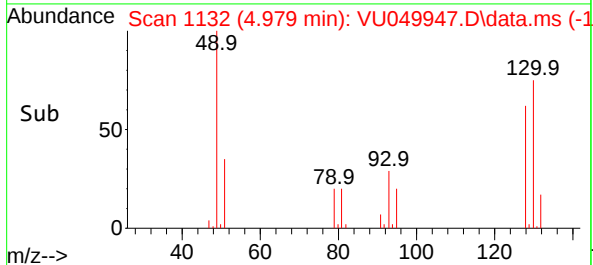
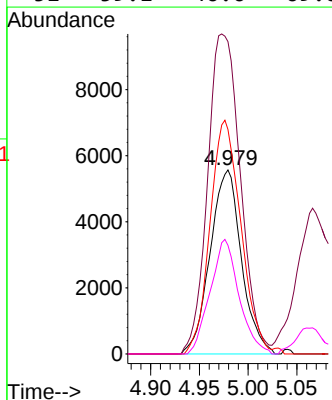
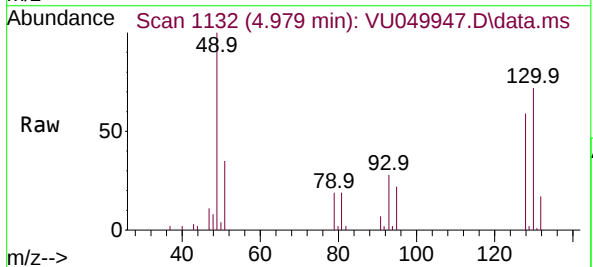
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

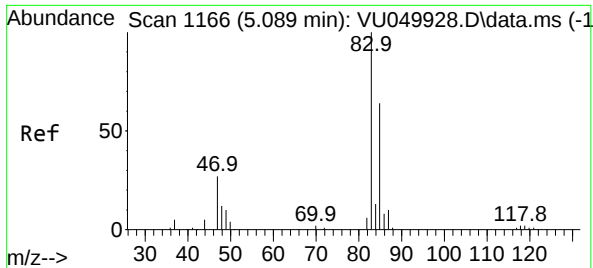
Tgt Ion:	96	Resp:	24424
Ion	Ratio	Lower	Upper
96	100		
61	134.9	93.9	174.3
98	65.1	43.9	81.5



#23
 Bromochloromethane
 Concen: 6.329 ug/L
 RT: 4.979 min Scan# 1132
 Delta R.T. 0.002 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

Tgt Ion:	128	Resp:	12432
Ion	Ratio	Lower	Upper
128	100		
49	169.8	124.9	232.1
130	122.0	88.5	164.3
51	59.1	46.6	69.8

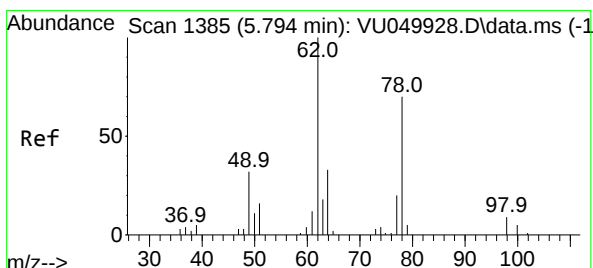
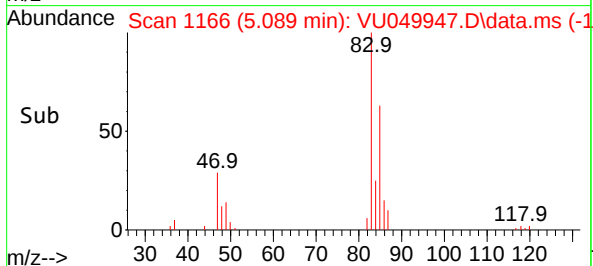
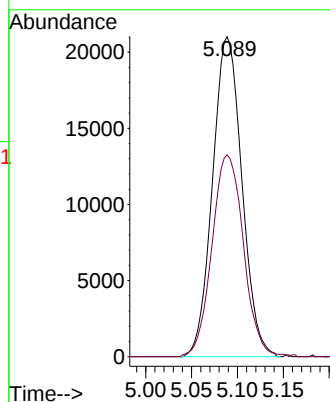
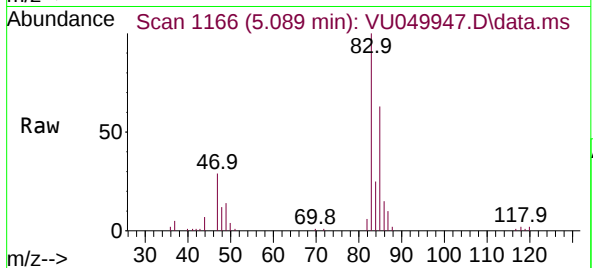




#25
Chloroform
Concen: 5.380 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

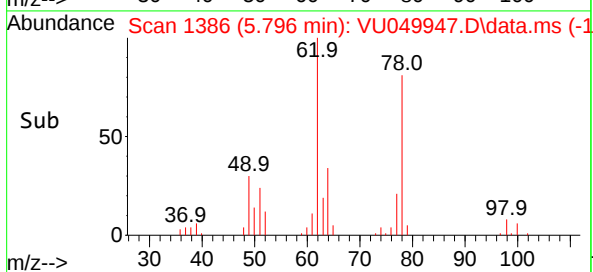
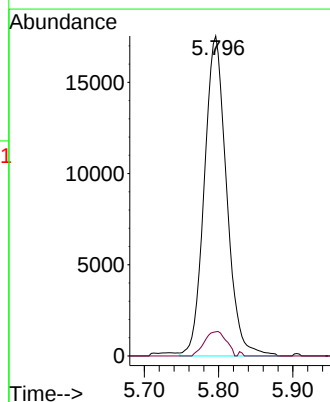
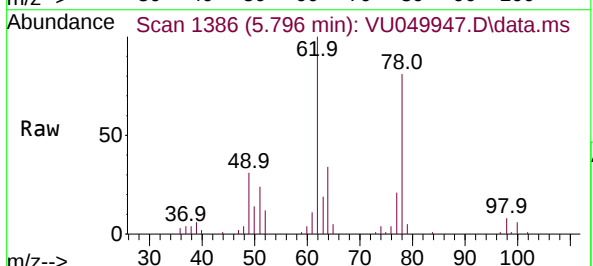
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

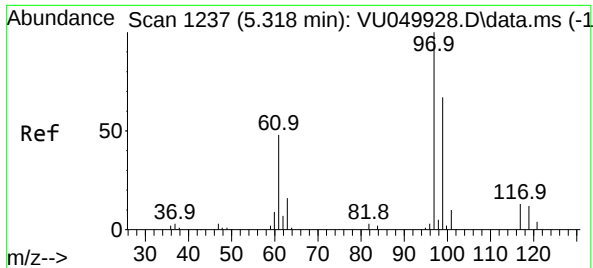
Tgt Ion: 83 Resp: 46838
Ion Ratio Lower Upper
83 100
85 63.0 45.5 84.5



#27
1,2-Dichloroethane
Concen: 6.104 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 62 Resp: 36498
Ion Ratio Lower Upper
62 100
98 7.6 5.9 8.9

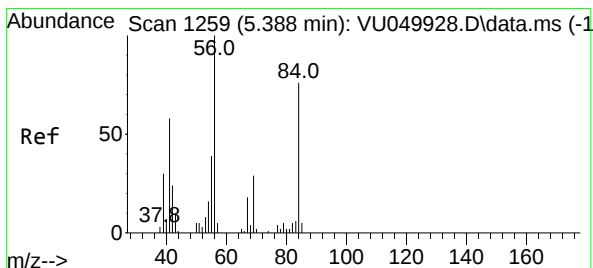
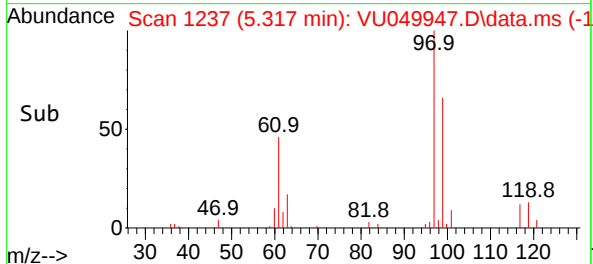
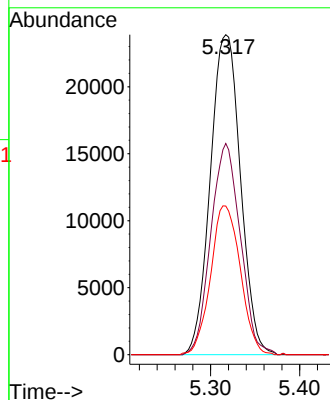
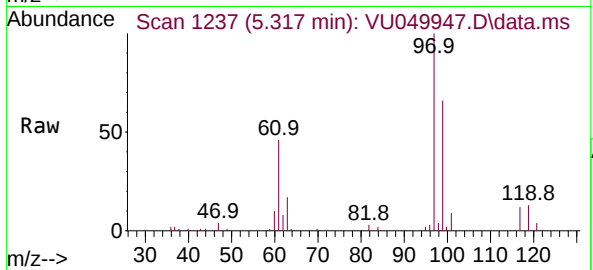




#29
1,1,1-Trichloroethane
Concen: 8.799 ug/L
RT: 5.317 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

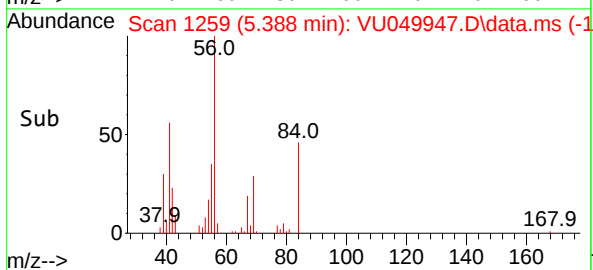
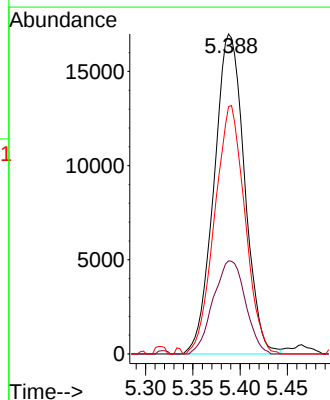
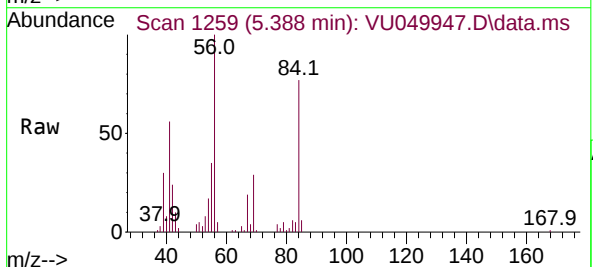
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

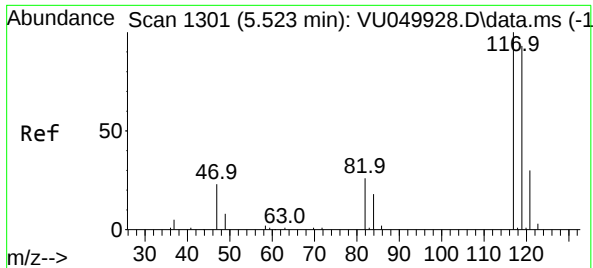
Tgt Ion:	97	Resp:	56260
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.8	77.8
61	45.8	38.3	57.5



#30
Cyclohexane
Concen: 7.359 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:	56	Resp:	38104
Ion	Ratio	Lower	Upper
56	100		
69	30.6	22.8	34.2
84	77.1	63.0	94.6

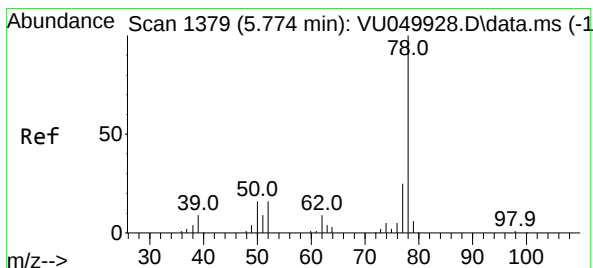
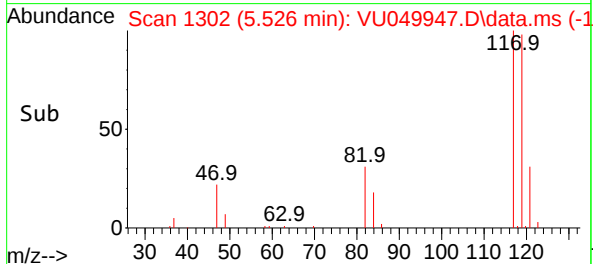
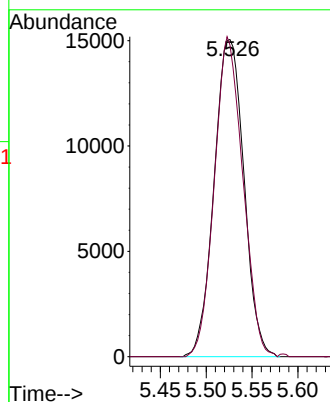
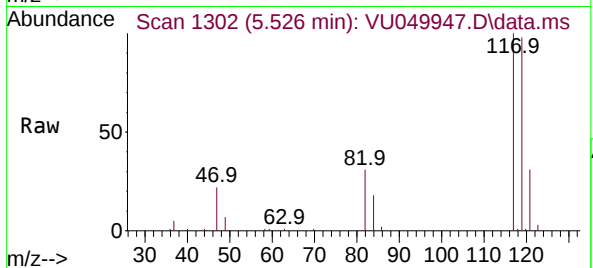




#31
Carbon tetrachloride
Concen: 6.544 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

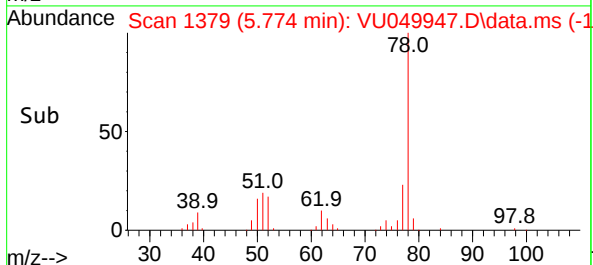
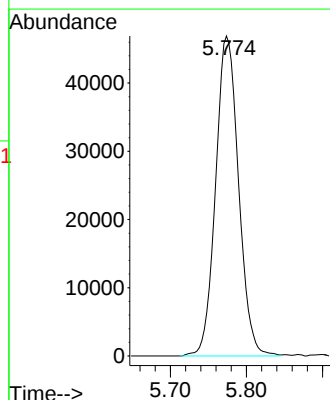
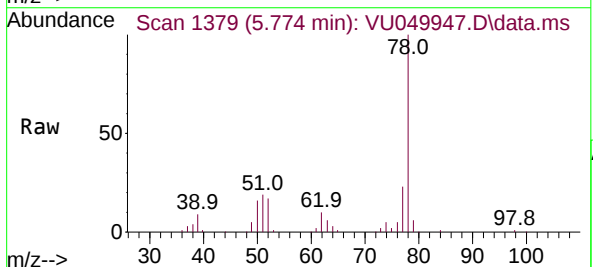
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

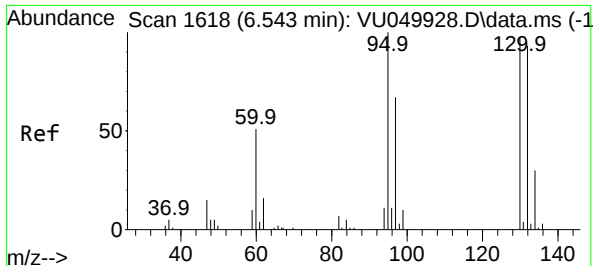
Tgt Ion:117 Resp: 33977
Ion Ratio Lower Upper
117 100
119 96.5 75.2 112.8



#33
Benzene
Concen: 5.947 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 78 Resp: 98294



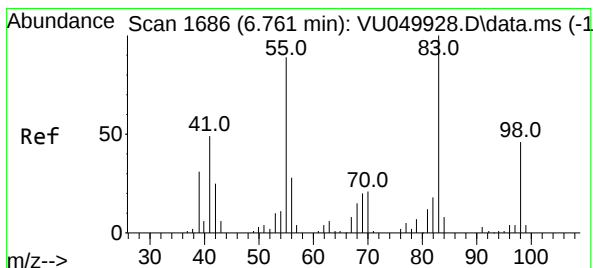
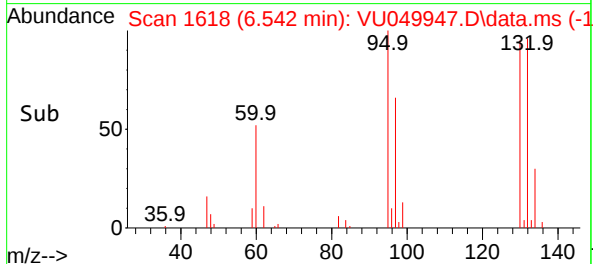
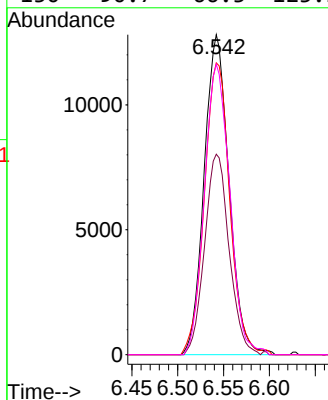
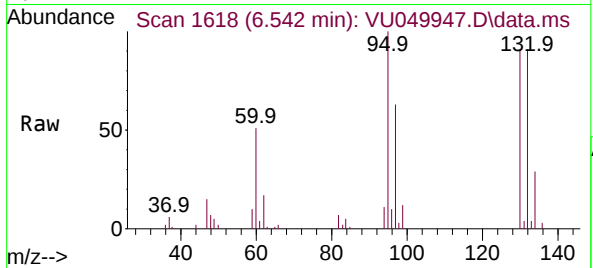


#34
Trichloroethene
Concen: 6.041 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

Tgt Ion: 95 Resp: 24209

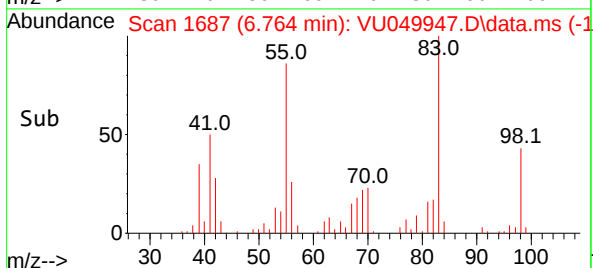
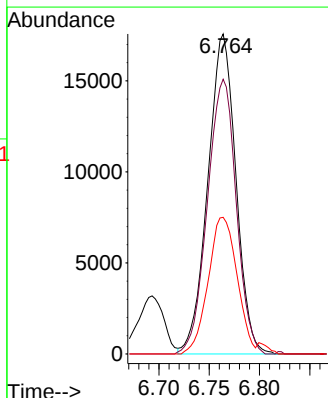
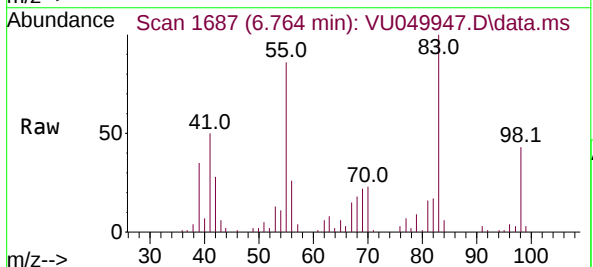
Ion	Ratio	Lower	Upper
95	100		
97	62.7	46.8	86.8
132	91.2	61.8	114.8
130	90.7	66.3	123.1

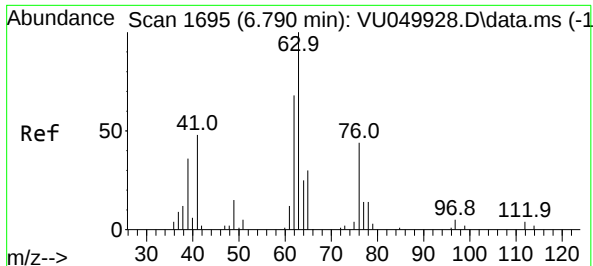


#35
Methylcyclohexane
Concen: 6.913 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.002 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 83 Resp: 34170

Ion	Ratio	Lower	Upper
83	100		
55	88.1	69.0	103.4
98	43.9	36.4	54.6





#37

1,2-Dichloropropane

Concen: 5.922 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

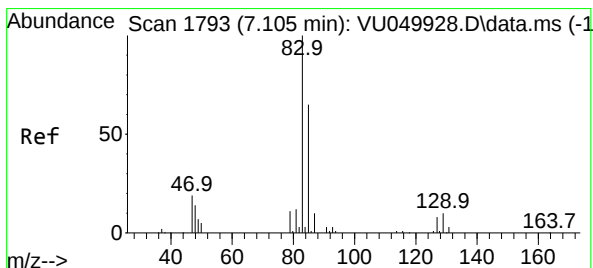
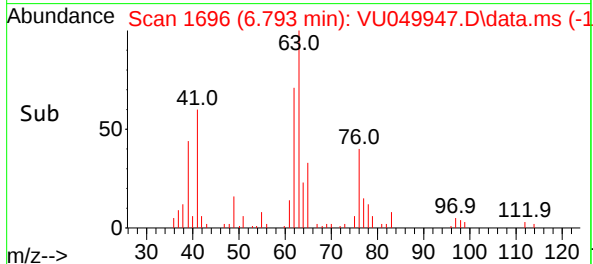
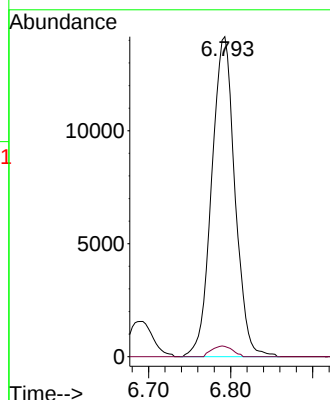
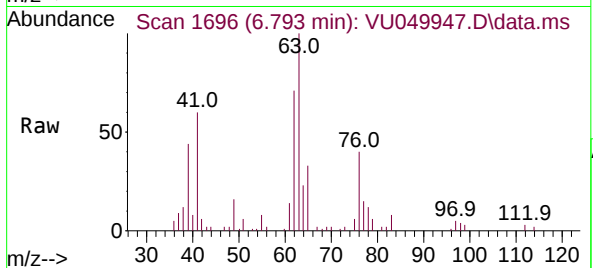
GBJ27MSD

Tgt Ion: 63 Resp: 27897

Ion Ratio Lower Upper

63 100

112 3.0 2.8 4.2



#38

Bromodichloromethane

Concen: 6.029 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

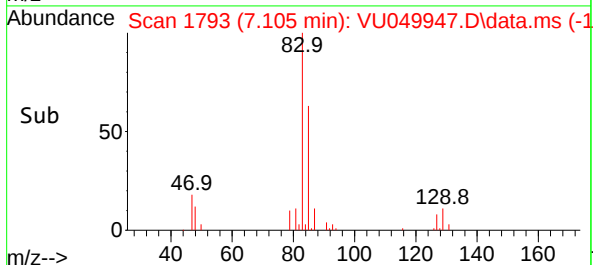
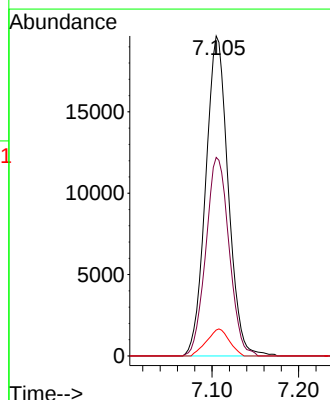
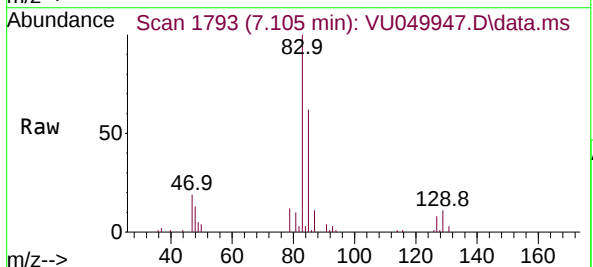
Tgt Ion: 83 Resp: 35481

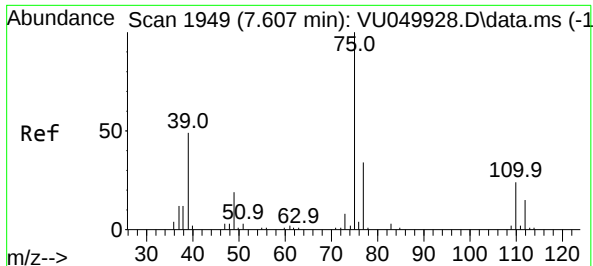
Ion Ratio Lower Upper

83 100

85 62.0 45.9 85.3

127 8.1 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.880 ug/L

RT: 7.606 min Scan# 1949

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

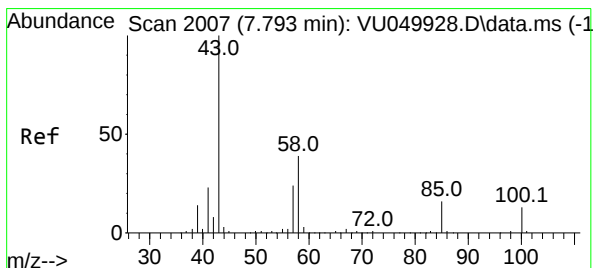
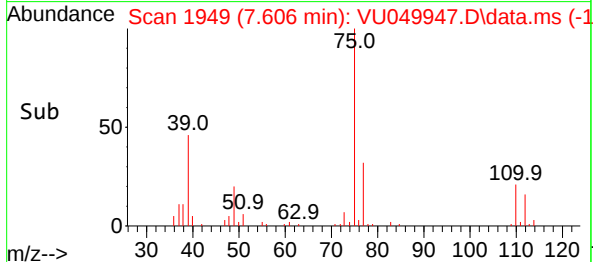
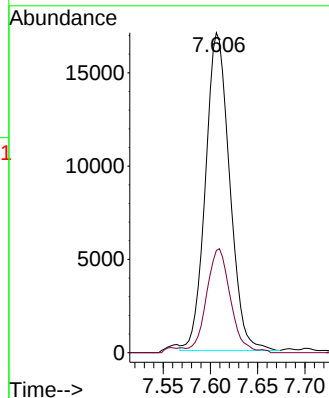
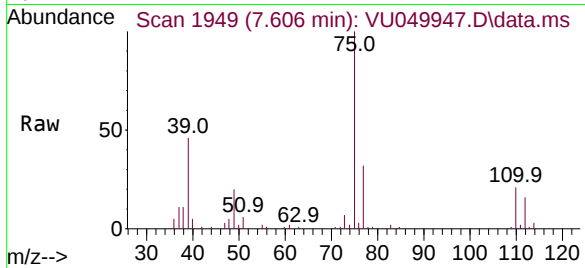
GBJ27MSD

Tgt Ion: 75 Resp: 30292

Ion Ratio Lower Upper

75 100

77 32.0 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 83.303 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.004 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

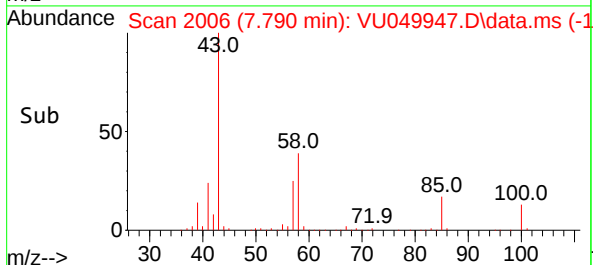
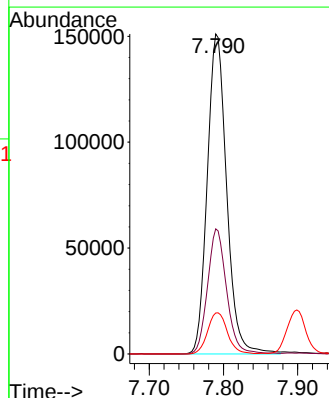
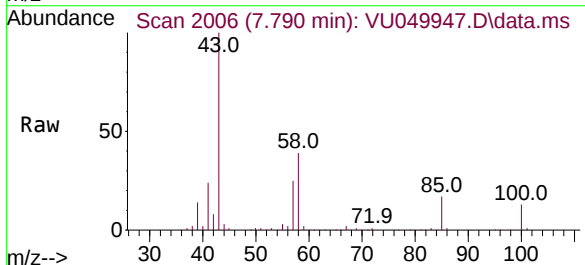
Tgt Ion: 43 Resp: 273713

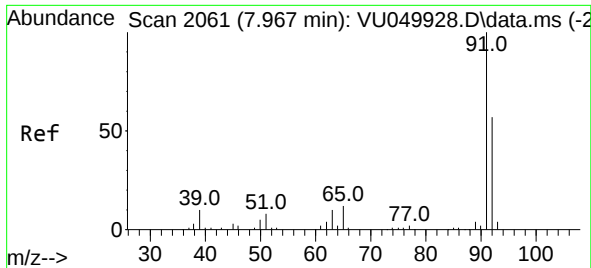
Ion Ratio Lower Upper

43 100

58 38.5 31.0 46.4

100 13.2 10.4 15.6





#42

Toluene

Concen: 6.108 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

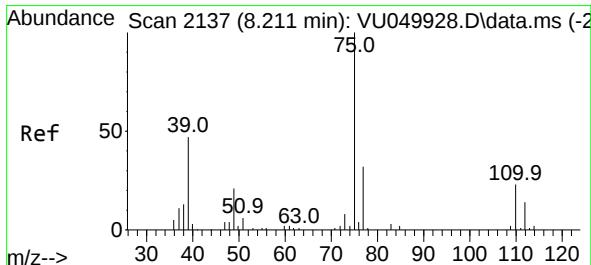
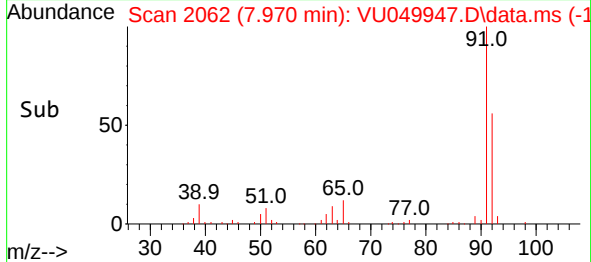
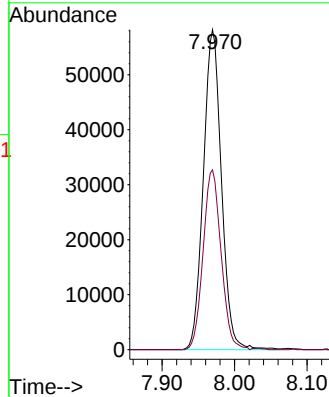
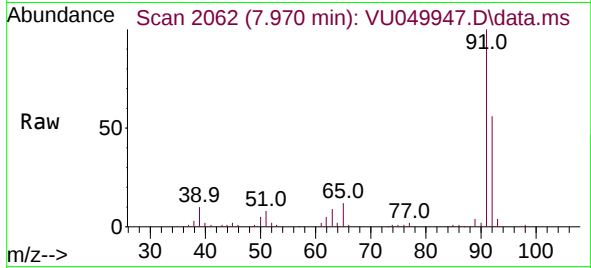
GBJ27MSD

Tgt Ion: 91 Resp: 100967

Ion Ratio Lower Upper

91 100

92 56.2 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 5.476 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.001 min

Lab File: VU049947.D

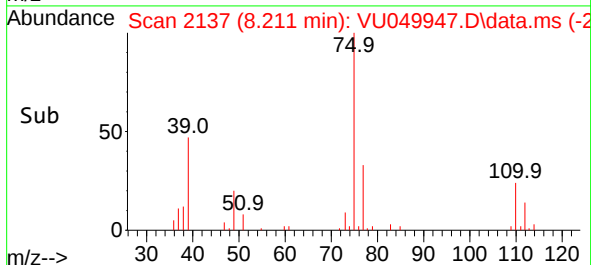
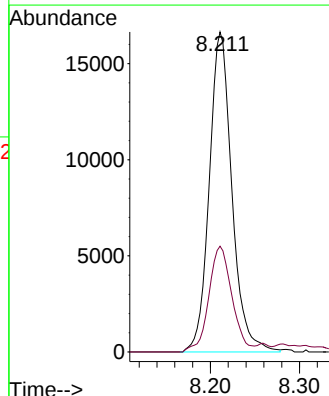
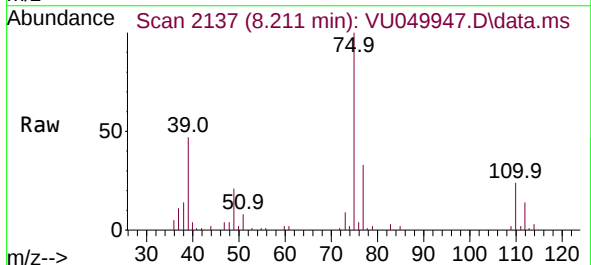
Acq: 27 Jul 2022 06:14

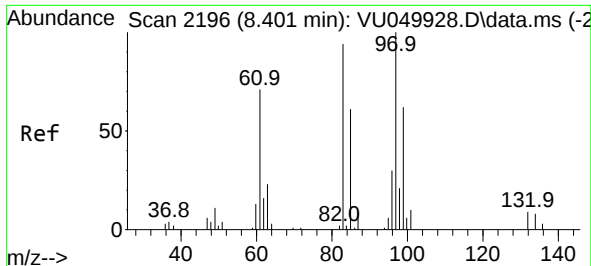
Tgt Ion: 75 Resp: 29347

Ion Ratio Lower Upper

75 100

77 33.1 21.2 39.4





#45

1,1,2-Trichloroethane

Concen: 7.005 ug/L

RT: 8.400 min Scan# 2196

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

Tgt Ion: 97 Resp: 23550

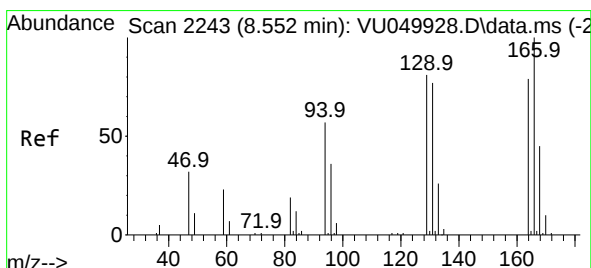
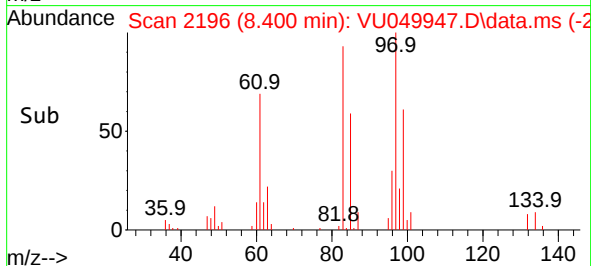
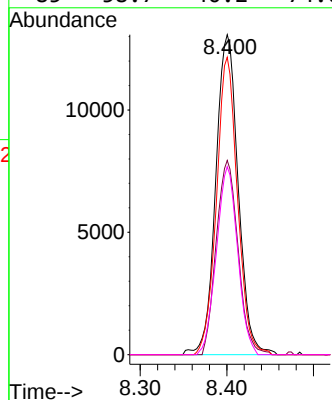
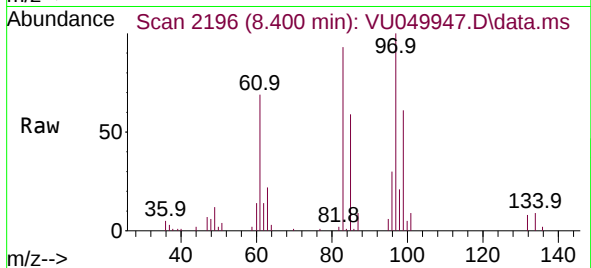
Ion Ratio Lower Upper

97 100

99 60.7 43.8 81.3

83 92.9 62.4 115.8

85 58.7 40.2 74.6



#47

Tetrachloroethene

Concen: 6.552 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Tgt Ion: 164 Resp: 18076

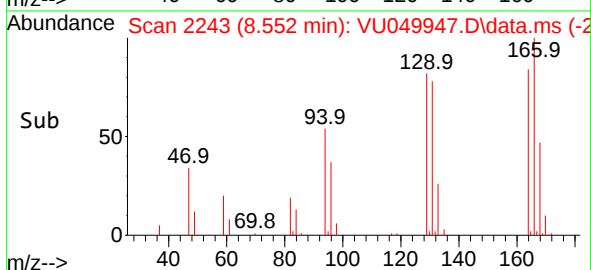
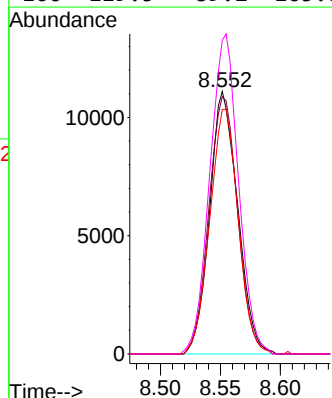
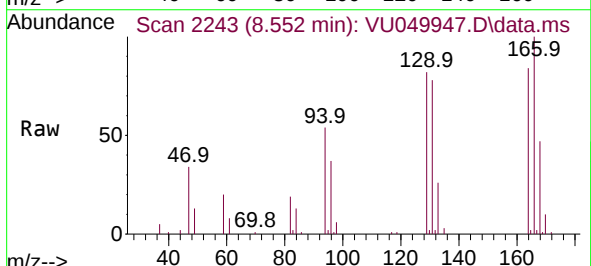
Ion Ratio Lower Upper

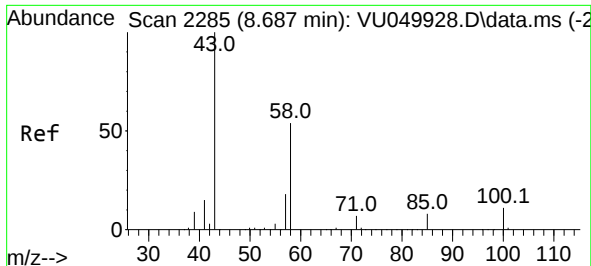
164 100

129 98.0 68.9 127.9

131 93.2 67.5 125.4

166 119.5 89.2 165.8



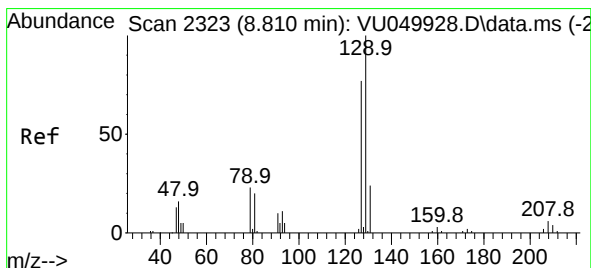
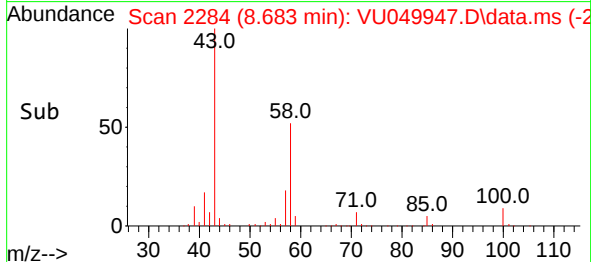
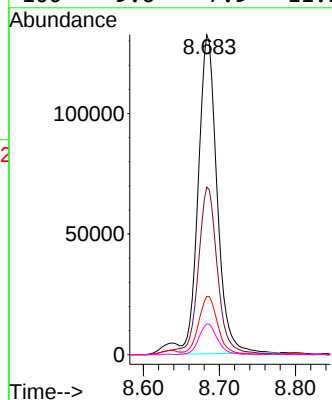
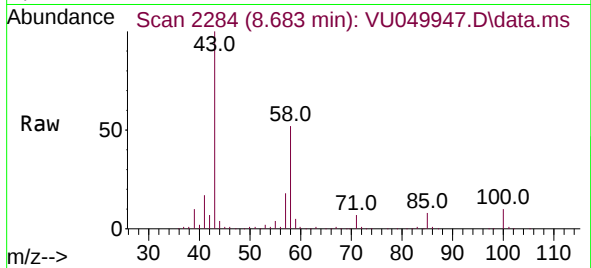


#48
2-Hexanone
Concen: 92.059 ug/L
RT: 8.683 min Scan# 21
Delta R.T. -0.004 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

Tgt Ion: 43 Resp: 225763

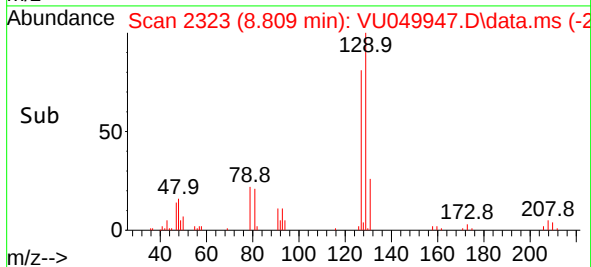
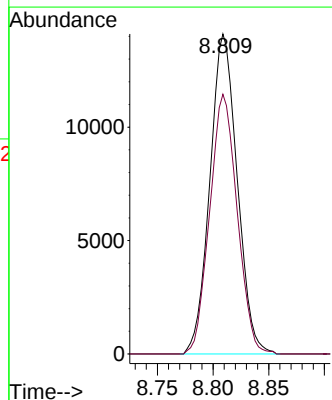
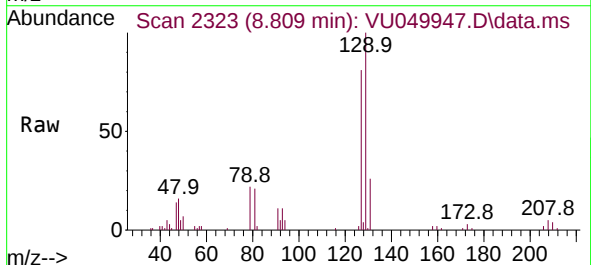
Ion	Ratio	Lower	Upper
43	100		
58	55.2	42.1	63.1
57	18.6	14.3	21.5
100	9.6	7.9	11.9

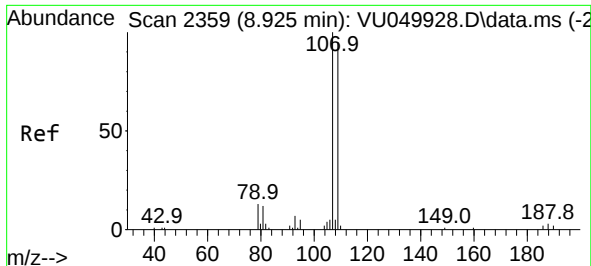


#49
Dibromochloromethane
Concen: 6.416 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 129 Resp: 24108

Ion	Ratio	Lower	Upper
129	100		
127	81.2	50.5	93.7

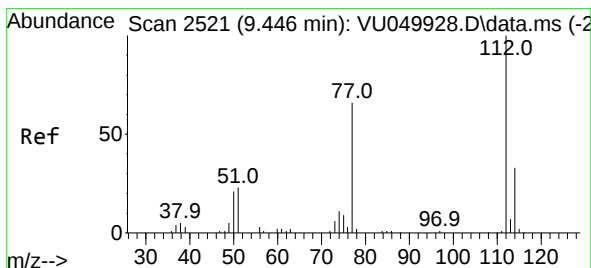
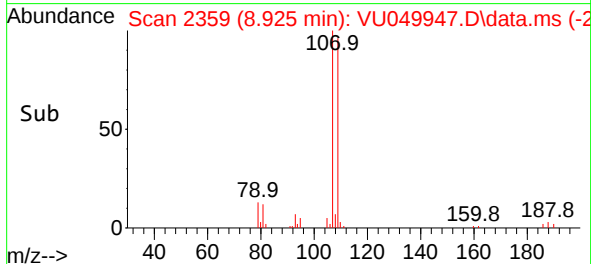
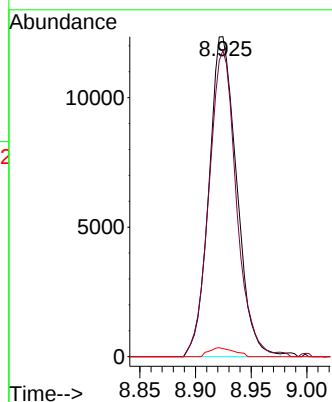
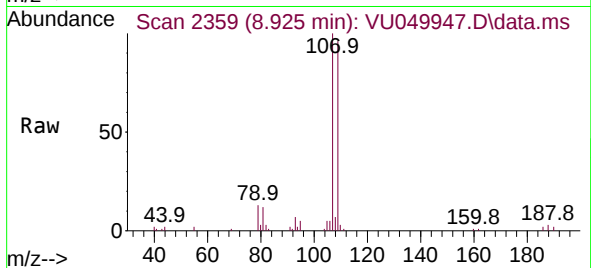




#50
1,2-Dibromoethane
Concen: 7.172 ug/L
RT: 8.925 min Scan# 21413
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

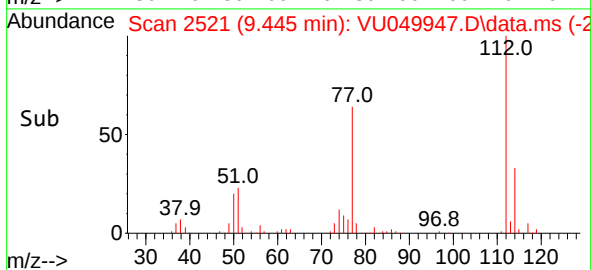
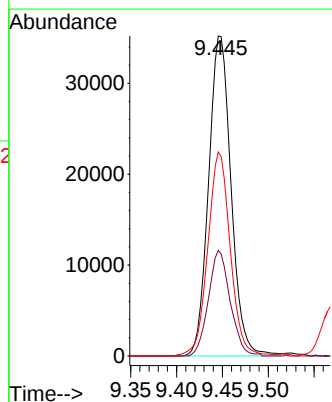
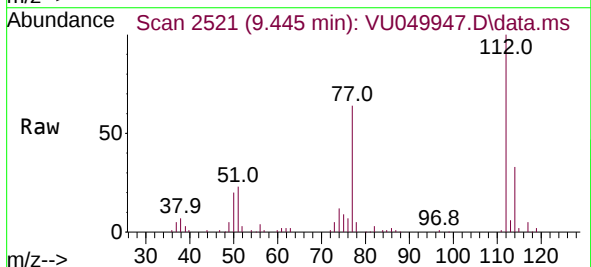
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

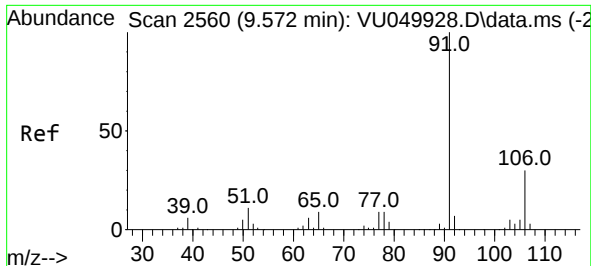
Tgt Ion:107 Resp: 21413
Ion Ratio Lower Upper
107 100
109 95.7 65.6 121.8
188 2.5 2.8 4.2#



#51
Chlorobenzene
Concen: 5.729 ug/L
RT: 9.445 min Scan# 2521
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:112 Resp: 60129
Ion Ratio Lower Upper
112 100
114 33.0 22.4 41.6
77 63.8 51.2 76.8

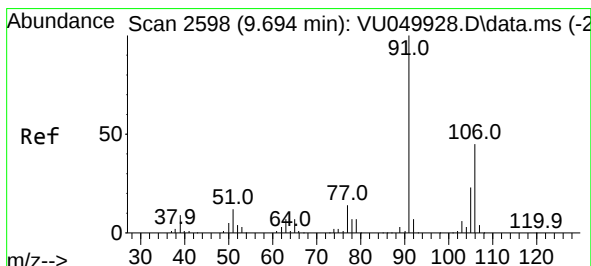
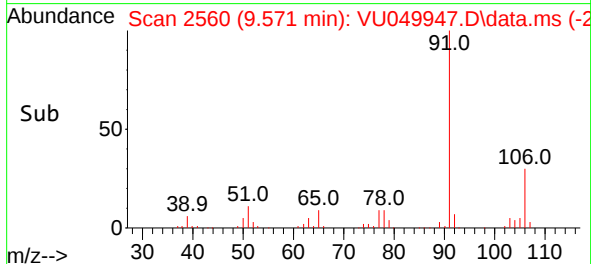
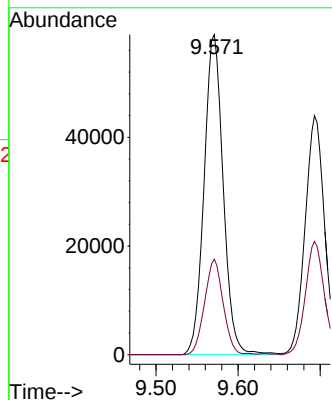
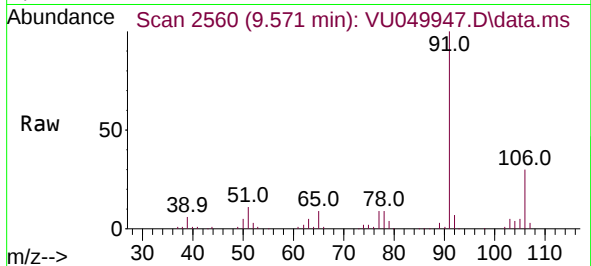




#52
Ethylbenzene
Concen: 5.613 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

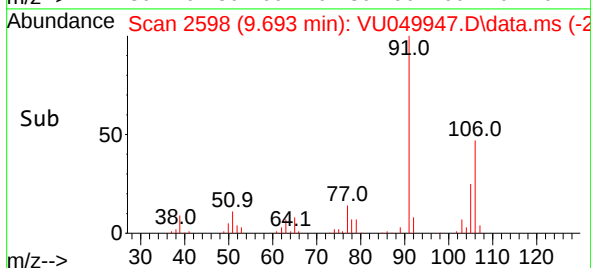
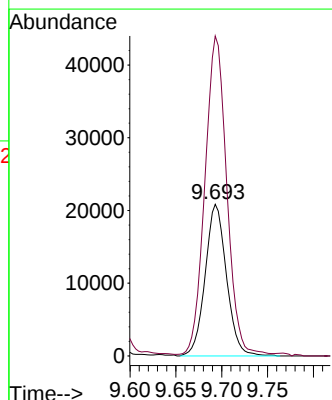
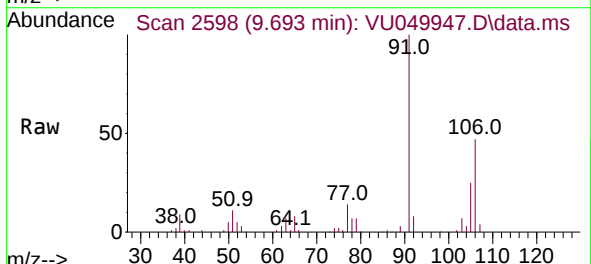
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

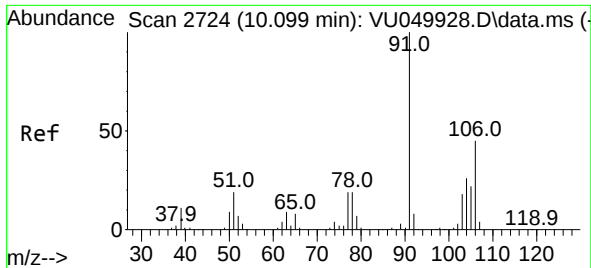
Tgt Ion: 91 Resp: 95397
Ion Ratio Lower Upper
91 100
106 29.9 20.6 38.4



#53
m,p-Xylene
Concen: 5.405 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:106 Resp: 33795
Ion Ratio Lower Upper
106 100
91 211.0 149.7 277.9

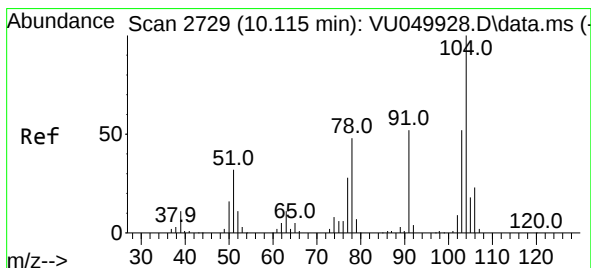
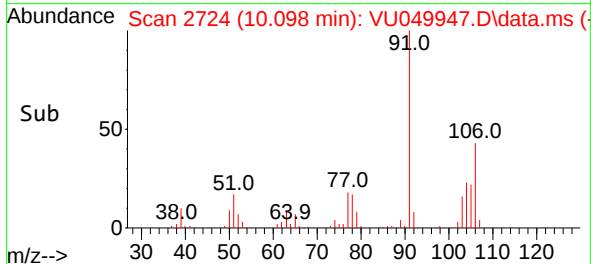
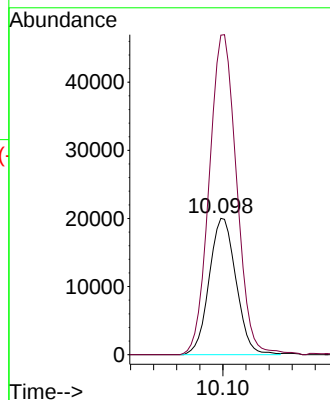
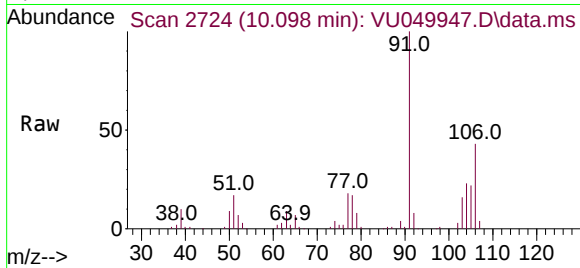




#54
o-Xylene
Concen: 5.242 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

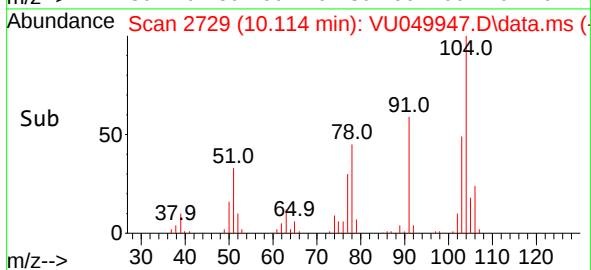
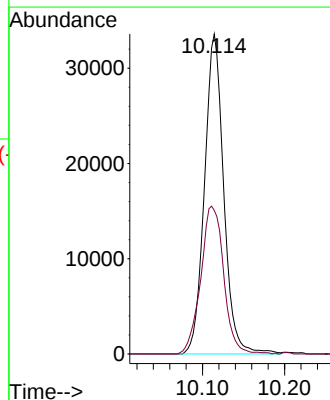
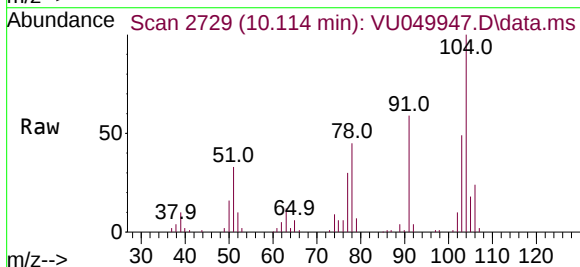
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

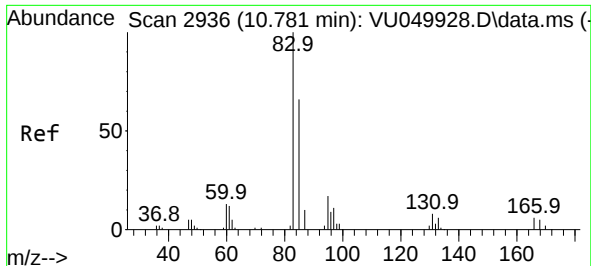
Tgt Ion:106 Resp: 32386
Ion Ratio Lower Upper
106 100
91 234.2 159.4 296.0



#55
Styrene
Concen: 5.236 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:104 Resp: 54801
Ion Ratio Lower Upper
104 100
78 44.8 35.1 65.3





#57

1,1,2,2-Tetrachloroethane

Concen: 8.000 ug/L

RT: 10.783 min Scan# 2936

Delta R.T. 0.002 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

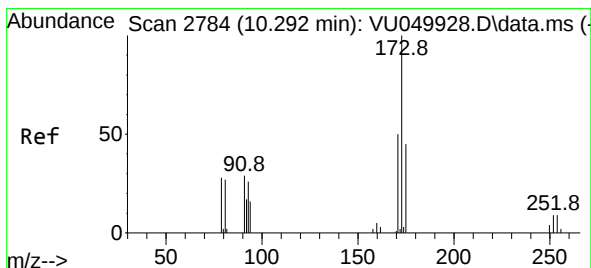
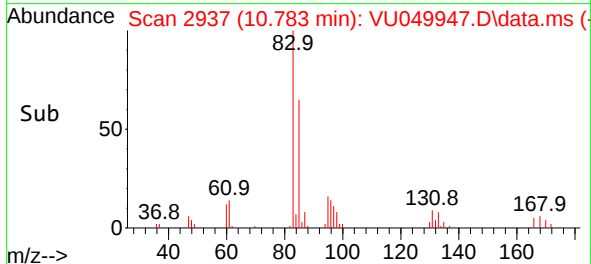
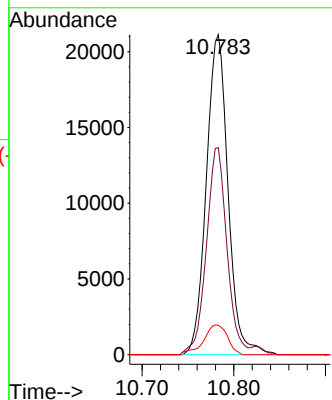
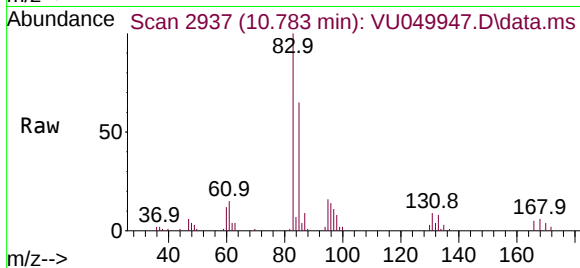
Tgt Ion: 83 Resp: 34741

Ion Ratio Lower Upper

83 100

85 64.7 47.9 89.1

131 9.2 7.3 10.9



#59

Bromoform

Concen: 7.599 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

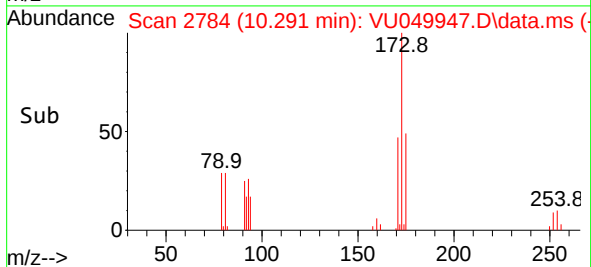
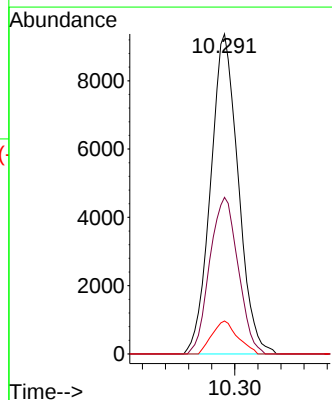
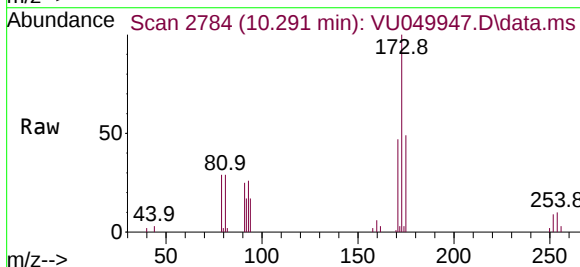
Tgt Ion:173 Resp: 15570

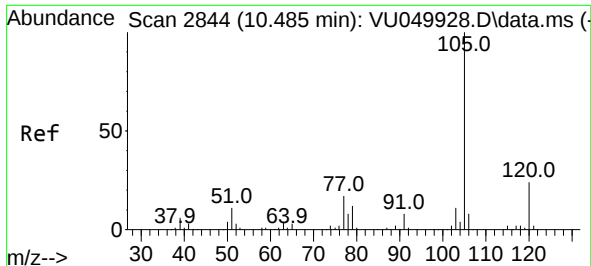
Ion Ratio Lower Upper

173 100

175 50.3 39.5 59.3

254 9.5 7.5 11.3

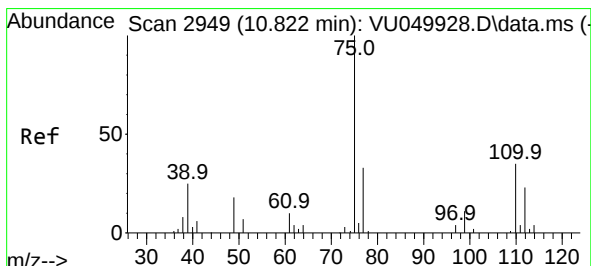
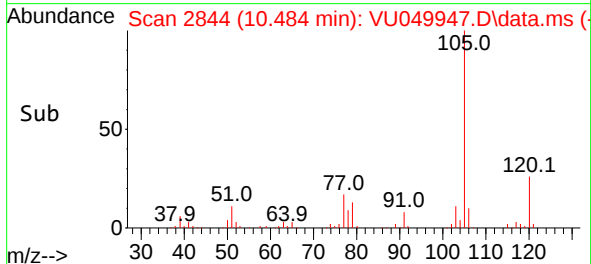
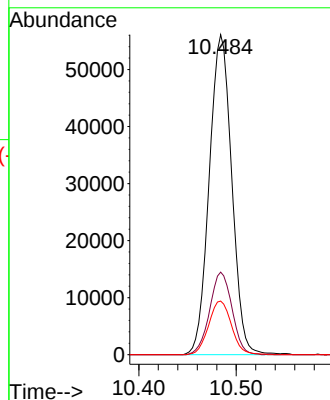
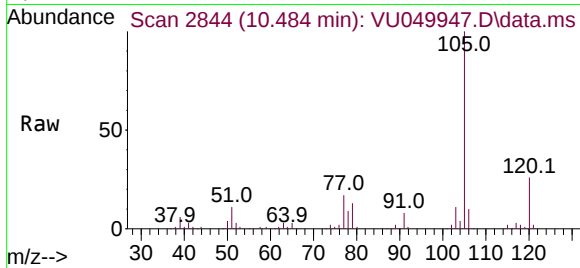




#60
Isopropylbenzene
Concen: 5.785 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

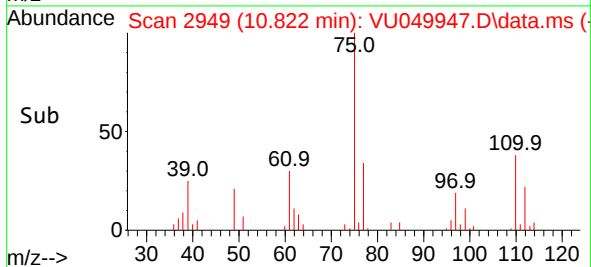
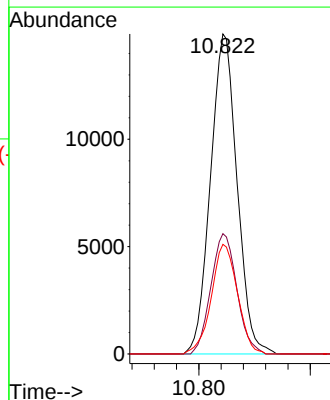
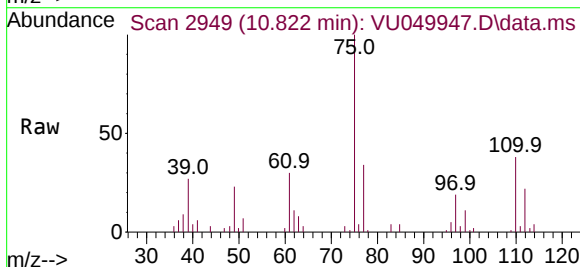
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

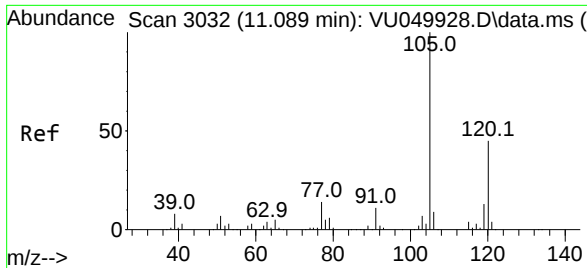
Tgt Ion:105 Resp: 90085
Ion Ratio Lower Upper
105 100
120 25.6 20.4 30.6
77 17.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 7.867 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion: 75 Resp: 24674
Ion Ratio Lower Upper
75 100
110 36.7 28.0 42.0
77 33.7 25.4 38.2

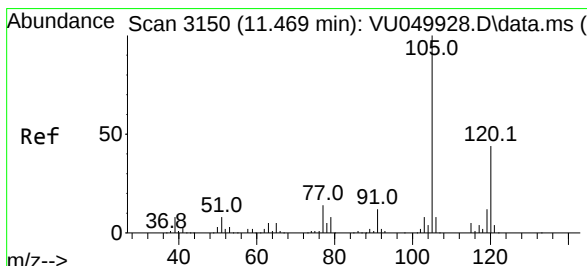
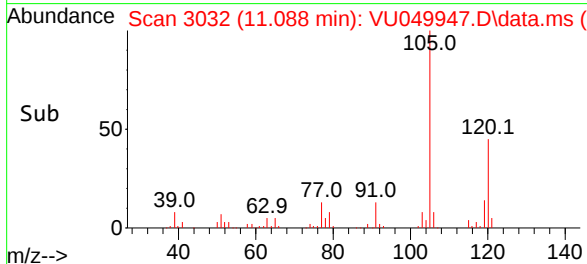
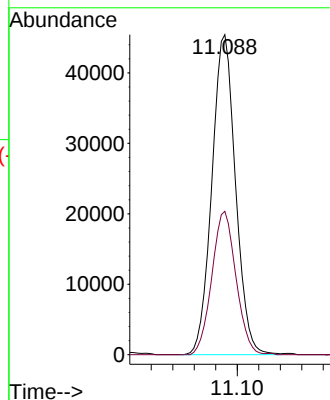
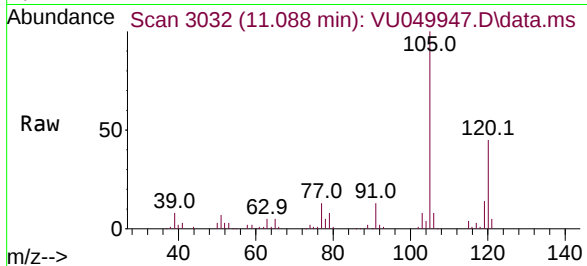




#62
1,3,5-Trimethylbenzene
Concen: 5.273 ug/L
RT: 11.088 min Scan# 3032
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

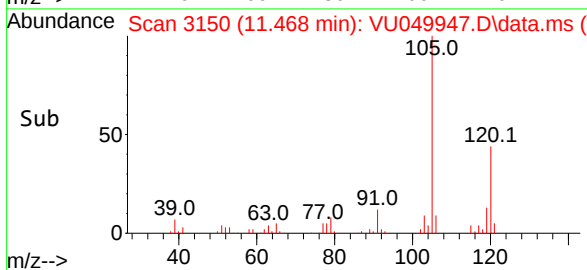
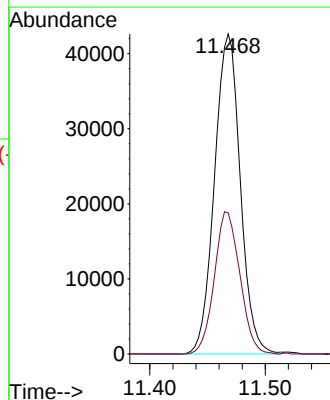
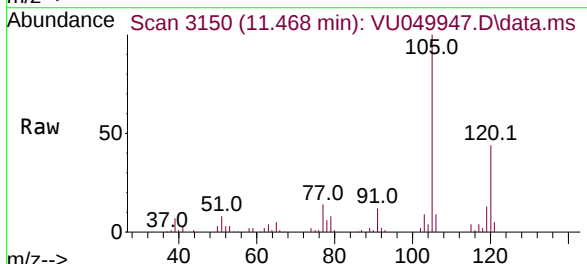
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

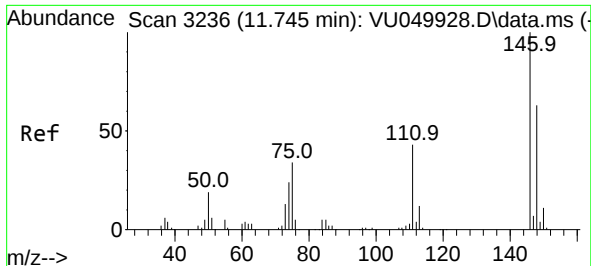
Tgt Ion:105 Resp: 69389
Ion Ratio Lower Upper
105 100
120 45.7 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 5.174 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:105 Resp: 66077
Ion Ratio Lower Upper
105 100
120 44.0 34.2 51.4

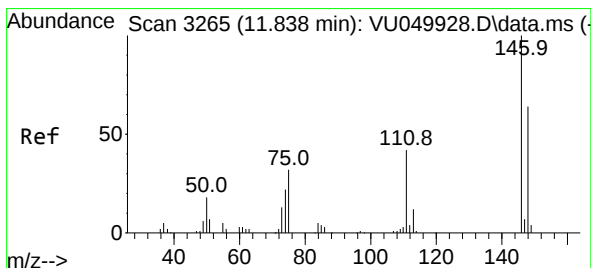
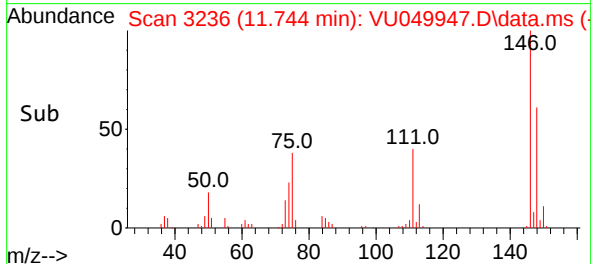
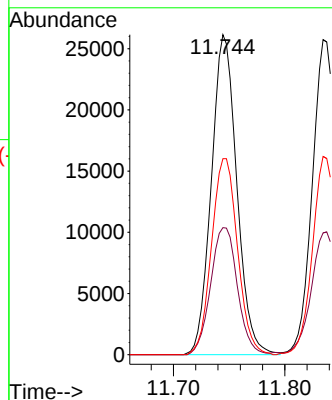
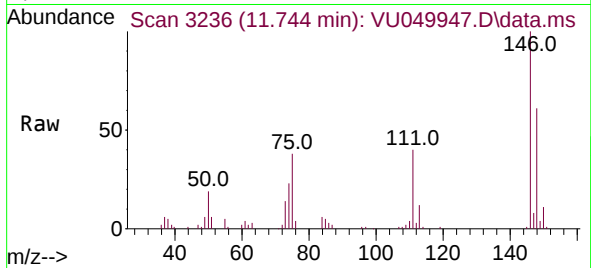




#64
1,3-Dichlorobenzene
Concen: 5.393 ug/L
RT: 11.744 min Scan# 31
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

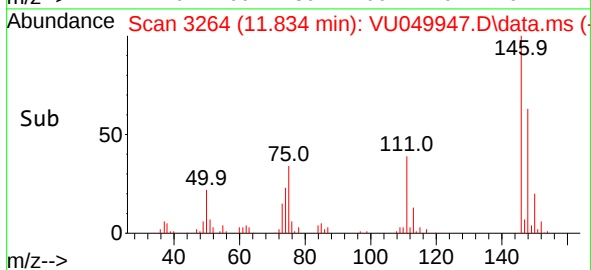
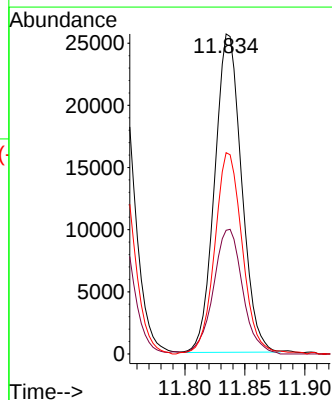
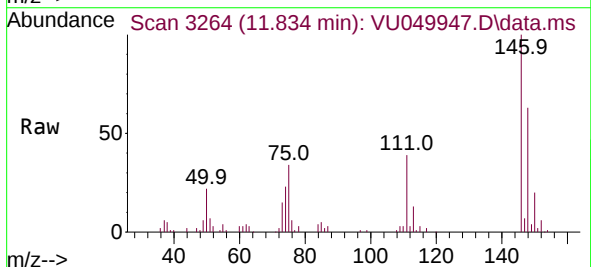
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

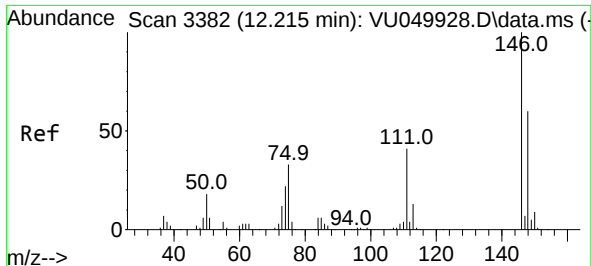
Tgt Ion:146 Resp: 41524
Ion Ratio Lower Upper
146 100
111 39.7 30.0 55.8
148 61.3 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 5.246 ug/L
RT: 11.834 min Scan# 3264
Delta R.T. -0.004 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:146 Resp: 39965
Ion Ratio Lower Upper
146 100
111 38.7 29.5 54.7
148 62.9 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 5.567 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

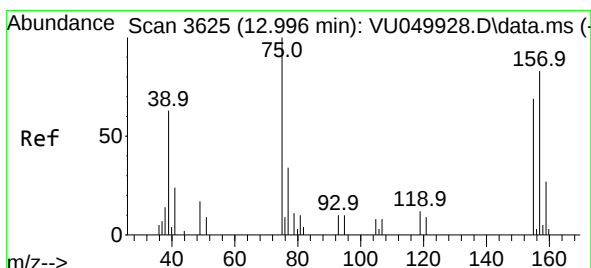
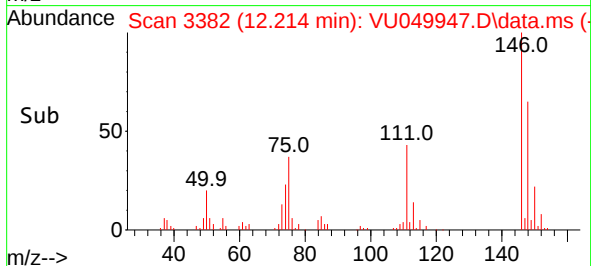
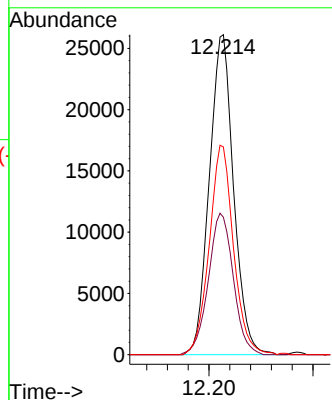
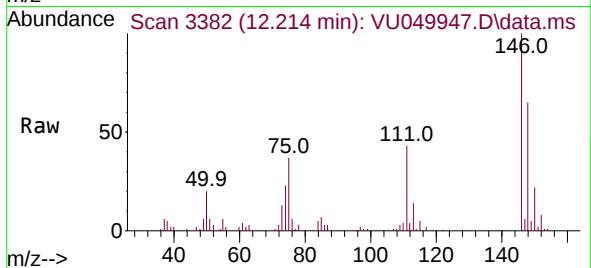
Tgt Ion:146 Resp: 42342

Ion Ratio Lower Upper

146 100

111 43.0 35.8 53.8

148 64.9 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 8.562 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.001 min

Lab File: VU049947.D

Acq: 27 Jul 2022 06:14

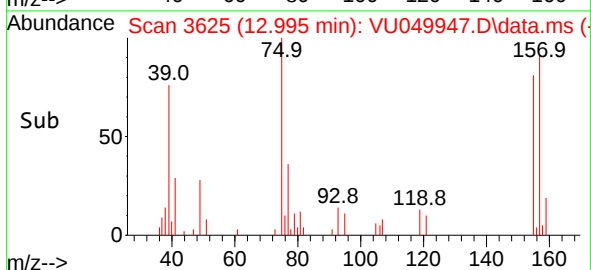
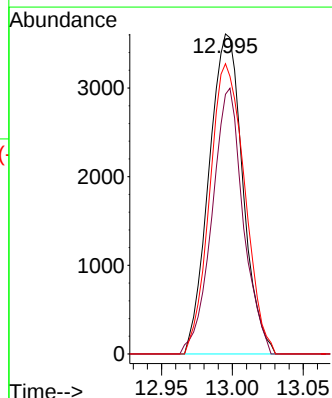
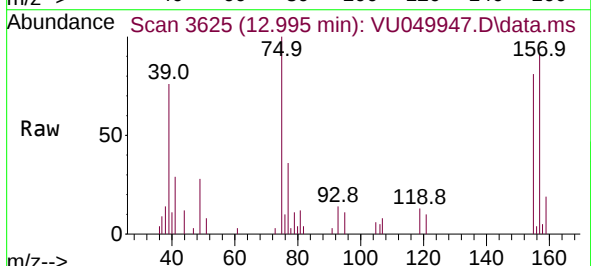
Tgt Ion: 75 Resp: 6007

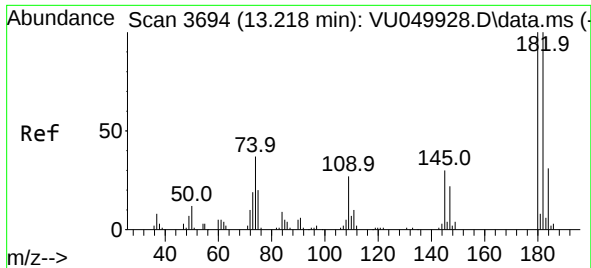
Ion Ratio Lower Upper

75 100

155 81.1 60.4 90.6

157 90.7 70.0 105.0

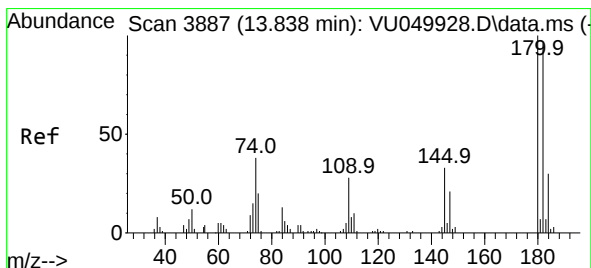
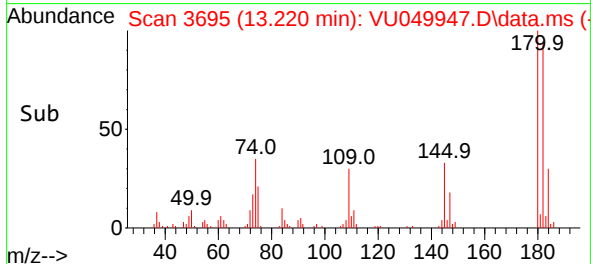
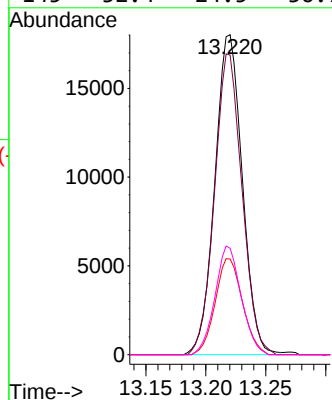
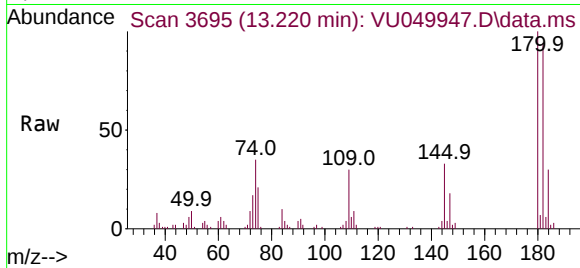




#69
 1,3,5-Trichlorobenzene
 Concen: 5.039 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. 0.002 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

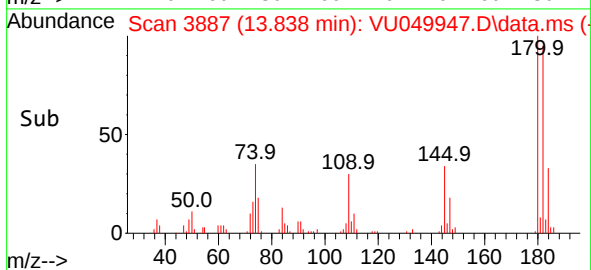
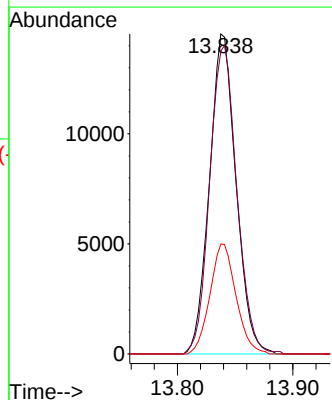
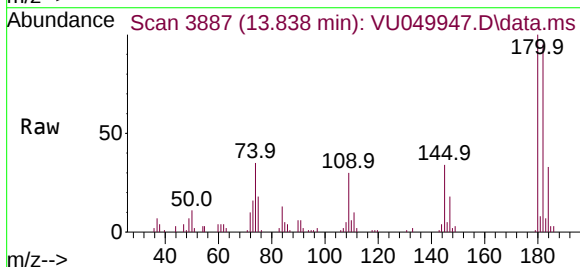
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

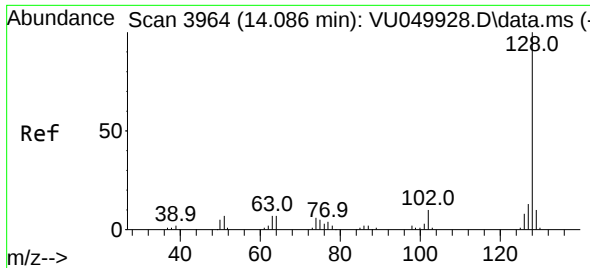
Tgt Ion:180 Resp: 28647
 Ion Ratio Lower Upper
 180 100
 182 94.0 77.2 115.8
 184 29.8 25.3 37.9
 145 32.4 24.5 36.7



#70
 1,2,4-trichlorobenzene
 Concen: 4.862 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.001 min
 Lab File: VU049947.D
 Acq: 27 Jul 2022 06:14

Tgt Ion:180 Resp: 23204
 Ion Ratio Lower Upper
 180 100
 182 98.6 77.0 115.4
 145 33.7 26.1 39.1

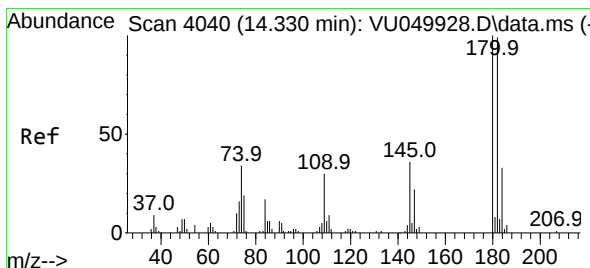
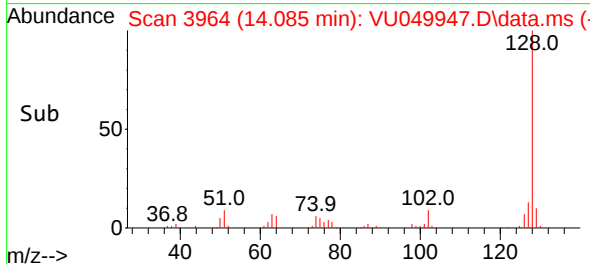
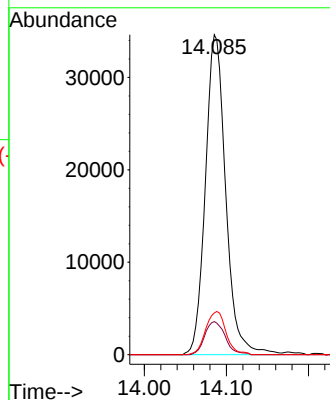
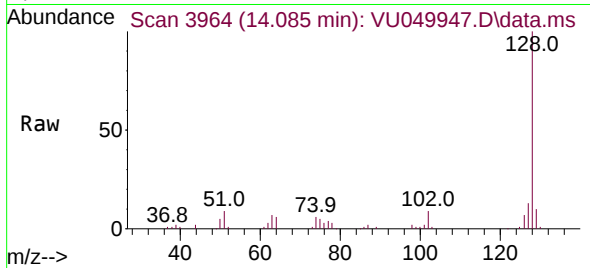




#71
Naphthalene
Concen: 6.420 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

Tgt Ion:	128	Resp:	59738
Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.2	12.4
127	13.5	11.1	16.7



#72
1,2,3-Trichlorobenzene
Concen: 5.394 ug/L
RT: 14.329 min Scan# 4040
Delta R.T. -0.001 min
Lab File: VU049947.D
Acq: 27 Jul 2022 06:14

Tgt Ion:	180	Resp:	24745
Ion	Ratio	Lower	Upper
180	100		
182	96.7	73.9	110.9
145	34.5	27.8	41.6

