

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U042722\
 Data File : U048326.D
 Acq On : 27 Apr 2022 19:44
 Operator : SY/MD
 Sample : N2587-05MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MSD

Quant Time: Apr 28 04:41:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	411922	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	440542	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	266835	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165127	43.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.180%
7) Chloroethane-d5	1.887	69	128169	48.204	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.562	63	275669	45.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.840%
21) 2-Butanone-d5	4.620	46	332387	102.883	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.880%
24) Chloroform-d	5.063	84	317253	46.175	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
26) 1,2-Dichloroethane-d4	5.703	65	192756	47.284	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
32) Benzene-d6	5.729	84	660555	47.542	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.080%
36) 1,2-Dichloropropane-d6	6.690	67	212855	46.339	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.680%
41) Toluene-d8	7.899	98	631834	50.169	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	8.179	79	106222	52.407	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.820%
47) 2-Hexanone-d5	8.635	63	311633	125.747	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	125.750%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	393867	48.891	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.780%
66) 1,2-Dichlorobenzene-d4	12.195	152	297927	49.633	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	127866	41.080	ug/L	100
3) Chloromethane	1.523	50	134836	37.848	ug/L	99
5) Vinyl chloride	1.607	62	207294	57.741	ug/L #	44
6) Bromomethane	1.829	94	33504	20.306	ug/L	100
8) Chloroethane	1.909	64	96637	47.605	ug/L	92
9) Trichlorofluoromethane	2.124	101	218212	46.640	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	137874	44.432	ug/L	98
12) 1,1-Dichloroethene	2.575	96	127761	47.168	ug/L	96
13) Acetone	2.626	43	219420	105.792	ug/L	98
14) Carbon disulfide	2.790	76	331554	50.224	ug/L	99
15) Methyl Acetate	2.944	43	195098	47.386	ug/L	97
16) Methylene chloride	3.044	84	167850	48.066	ug/L	96
17) trans-1,2-Dichloroethene	3.349	96	139999	49.754	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	498413	53.684	ug/L	100
19) 1,1-Dichloroethane	3.867	63	287580	48.874	ug/L	97
20) cis-1,2-Dichloroethene	4.665	96	179376	52.885	ug/L	98
22) 2-Butanone	4.700	43	366273	119.424	ug/L	97
23) Bromochloromethane	4.973	128	93260	49.249	ug/L	96
25) Chloroform	5.086	83	303565	50.522	ug/L	98

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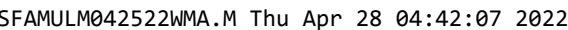
Instrument :
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 ClientSampleId :
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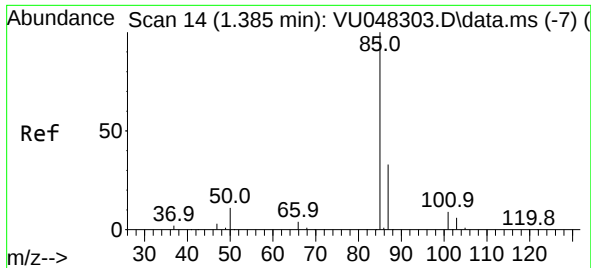
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 Quant Title : VOC Analysis
 QLast Update : Thu Apr 28 04:33:44 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	345534	78.840	ug/L #	93
29) Cyclohexane	5.388	56	218180	52.417	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	241679	48.512	ug/L	100
31) Carbon tetrachloride	5.523	117	204542	48.172	ug/L	100
33) Benzene	5.774	78	15311887	1173.929	ug/L	100
34) Trichloroethene	6.542	95	175476	54.887	ug/L	99
35) Methylcyclohexane	6.761	83	249143	55.507	ug/L	97
37) 1,2-Dichloropropane	6.790	63	178390	48.070	ug/L	99
38) Bromodichloromethane	7.105	83	226736	48.380	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	270398	51.817	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	697624	124.638	ug/L	98
42) Toluene	7.970	91	2803195	204.701	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	262287	51.450	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	192907	49.546	ug/L	99
46) Tetrachloroethene	8.552	164	130363	47.511	ug/L	98
48) 2-Hexanone	8.687	43	554427	118.619	ug/L	95
49) Dibromochloromethane	8.812	129	215397	50.345	ug/L	98
50) 1,2-Dibromoethane	8.925	107	199666	50.569	ug/L	95
51) Chlorobenzene	9.449	112	14397354	1458.583	ug/L	93
52) Ethylbenzene	9.571	91	873784	61.612	ug/L	100
53) m,p-Xylene	9.693	106	375941	67.174	ug/L	99
54) o-Xylene	10.102	106	372852	66.132	ug/L	100
55) Styrene	10.115	104	552837	57.559	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	395785	51.505	ug/L	100
59) Bromoform	10.291	173	192817	49.791	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	305724	49.113	ug/L	99
61) Isopropylbenzene	10.484	105	837549	56.138	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	485044	61.682	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	764993	63.276	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	439191	52.507	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	450715	52.781	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	489809	55.588	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	105037	63.208	ug/L	94
69) 1,3,5-Trichlorobenzene	13.220	180	334362	53.796	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	303067	61.721	ug/L	99
71) Naphthalene	14.085	128	1093533	77.818	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	303731	60.357	ug/L	100

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

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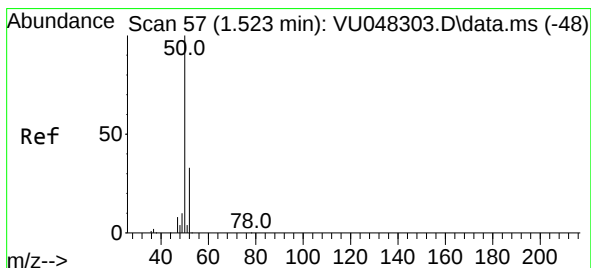
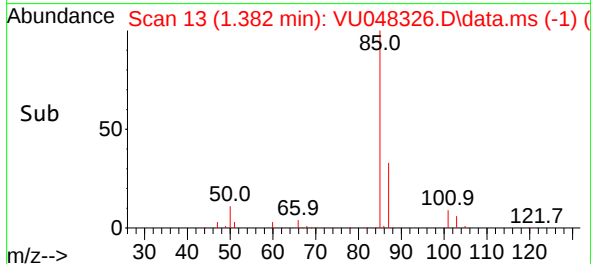
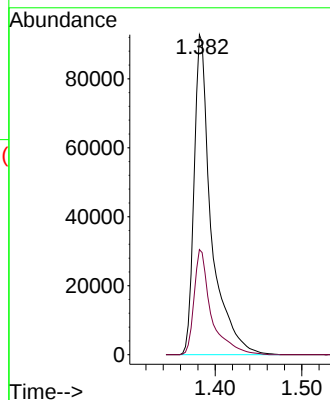
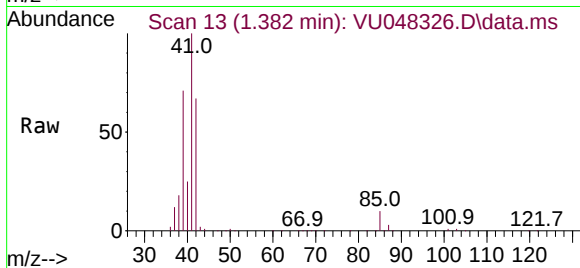




#2
 Dichlorodifluoromethane
 Concen: 41.080 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

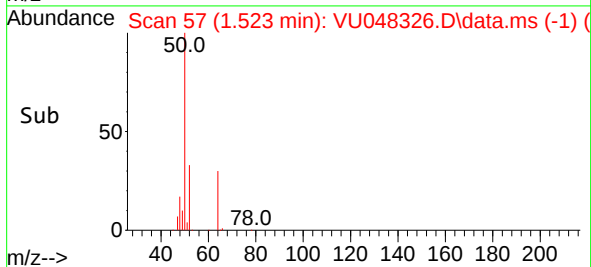
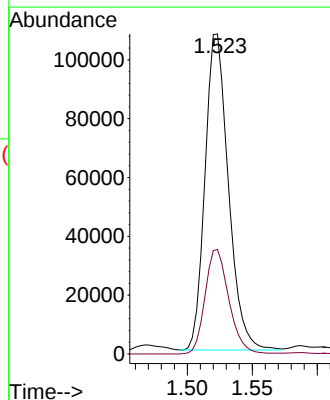
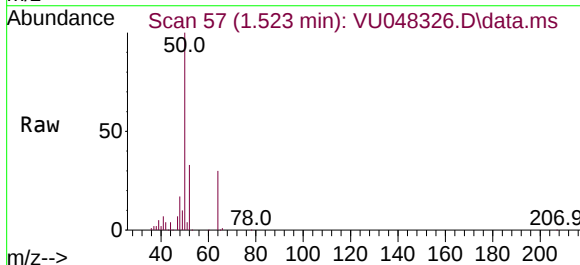
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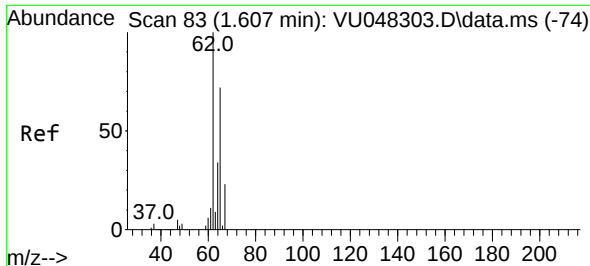
Tgt Ion: 85 Resp: 127866
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.1 39.1



#3
 Chloromethane
 Concen: 37.848 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

Tgt Ion: 50 Resp: 134836
 Ion Ratio Lower Upper
 50 100
 52 32.7 23.2 43.2

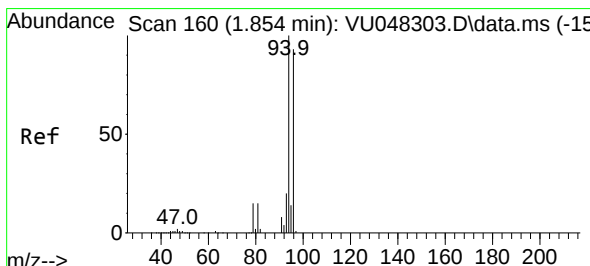
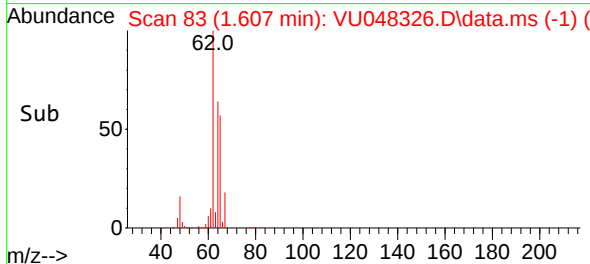
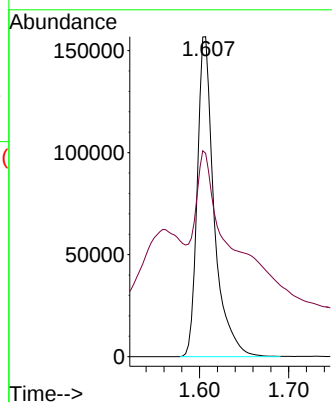
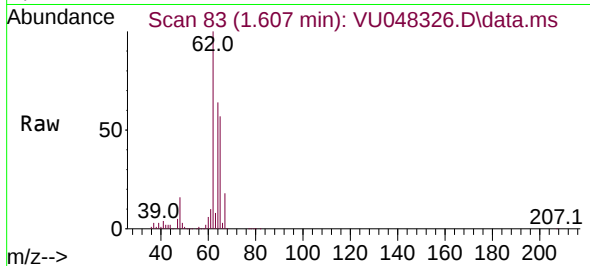




#5
 Vinyl chloride
 Concen: 57.741 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

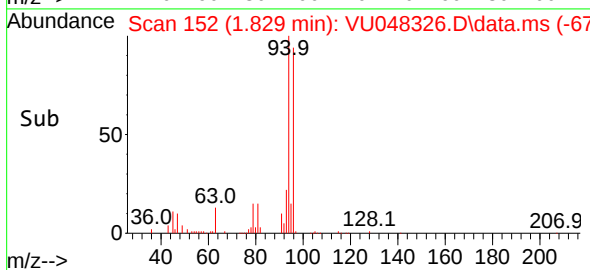
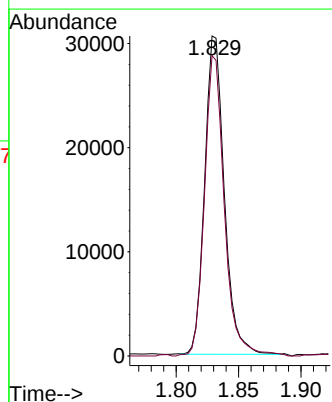
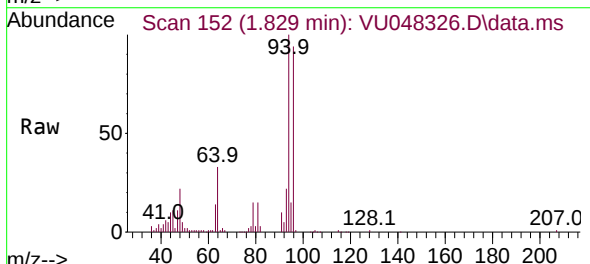
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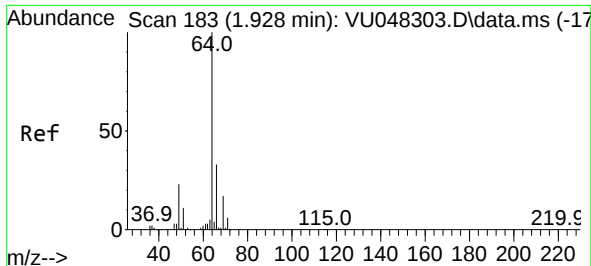
Tgt Ion: 62 Resp: 207294
 Ion Ratio Lower Upper
 62 100
 64 63.6 22.5 41.7#



#6
 Bromomethane
 Concen: 20.306 ug/L
 RT: 1.829 min Scan# 152
 Delta R.T. -0.026 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

Tgt Ion: 94 Resp: 33504
 Ion Ratio Lower Upper
 94 100
 96 93.8 65.8 122.2

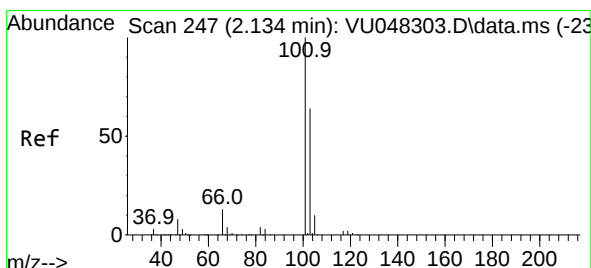
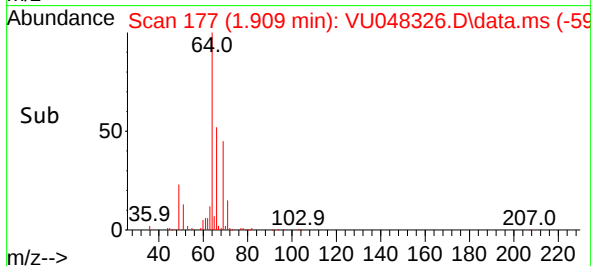
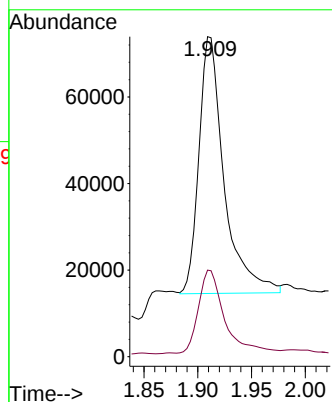
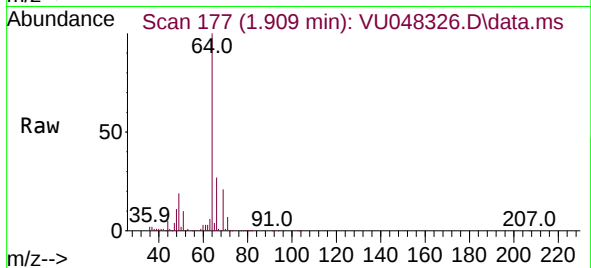




#8
Chloroethane
Concen: 47.605 ug/L
RT: 1.909 min Scan# 11
Delta R.T. -0.019 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

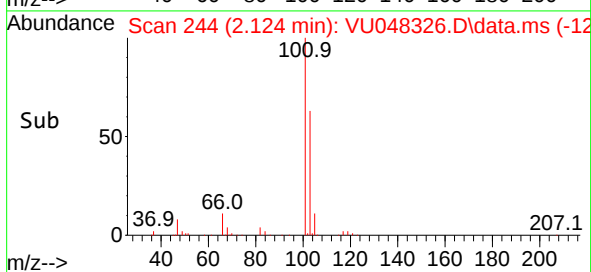
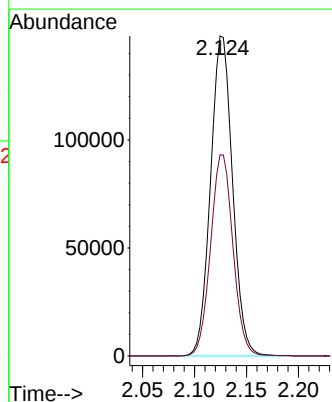
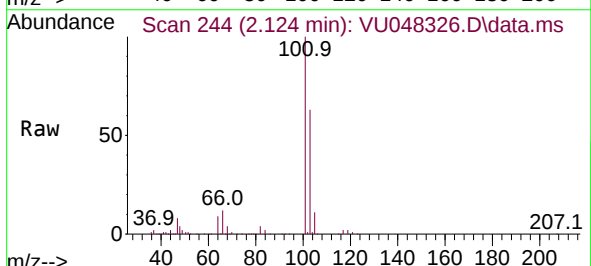
Instrument :
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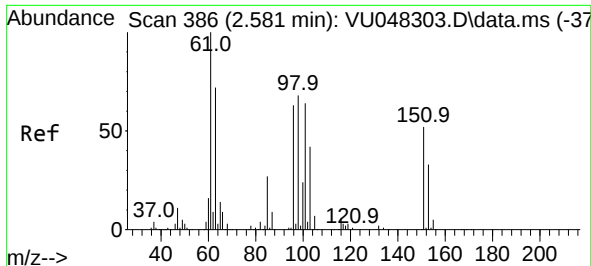
Tgt Ion: 64 Resp: 96637
Ion Ratio Lower Upper
64 100
66 27.0 21.9 40.7



#9
Trichlorofluoromethane
Concen: 46.640 ug/L
RT: 2.124 min Scan# 244
Delta R.T. -0.010 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 101 Resp: 218212
Ion Ratio Lower Upper
101 100
103 64.0 51.9 77.9

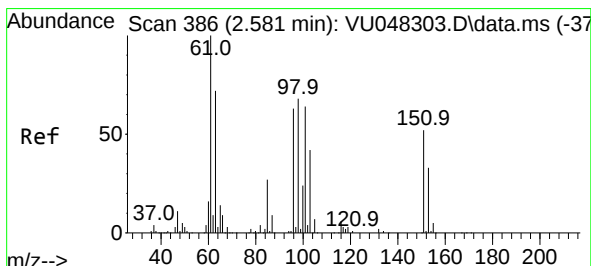
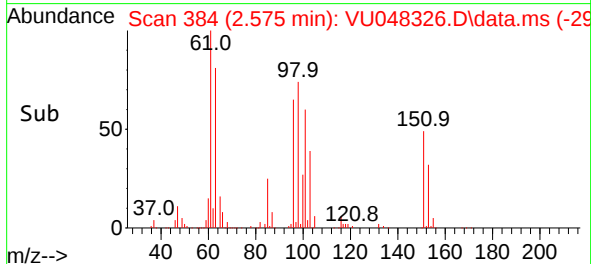
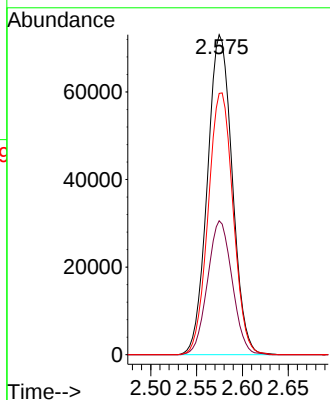
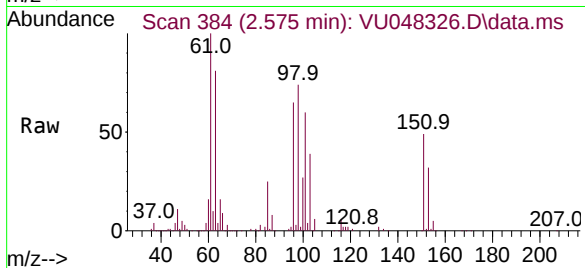




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 44.432 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

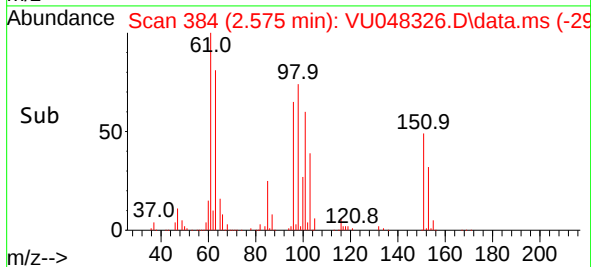
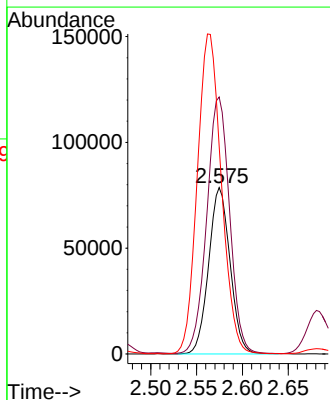
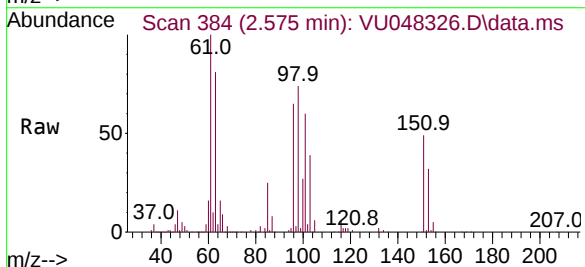
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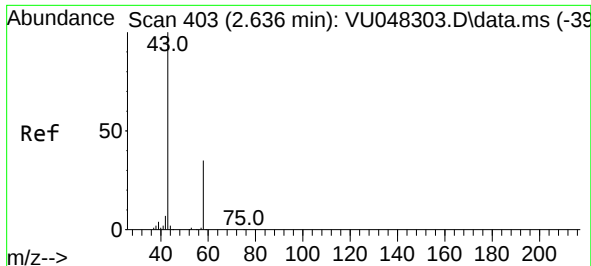
Tgt Ion:101 Resp: 137874
Ion Ratio Lower Upper
101 100
85 41.4 32.6 48.8
151 82.2 64.1 96.1



#12
1,1-Dichloroethene
Concen: 47.168 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.006 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 96 Resp: 127761
Ion Ratio Lower Upper
96 100
61 154.5 107.9 200.3
63 124.9 80.3 149.1

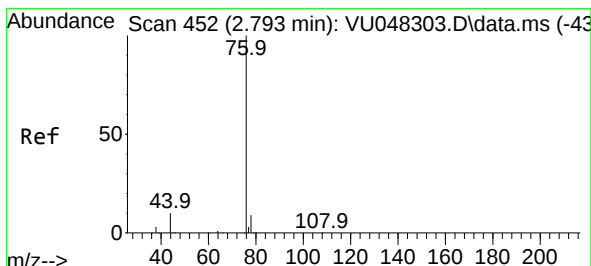
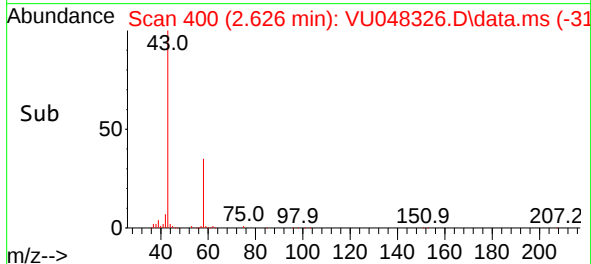
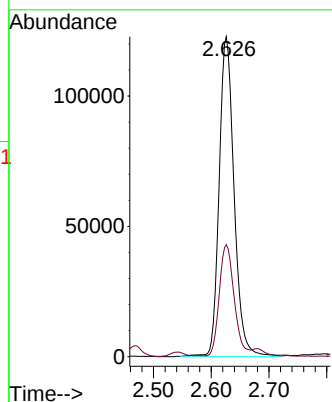
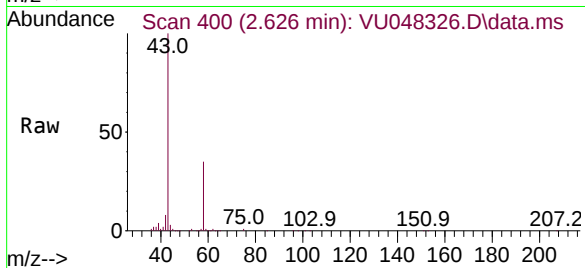




#13
Acetone
Concen: 105.792 ug/L
RT: 2.626 min Scan# 403
Delta R.T. -0.010 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

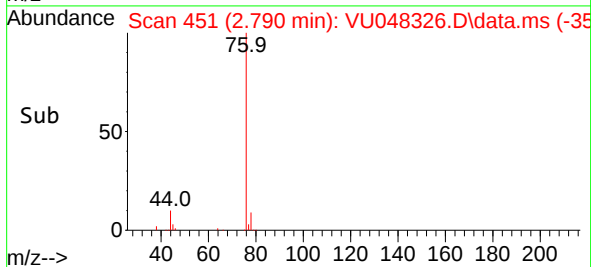
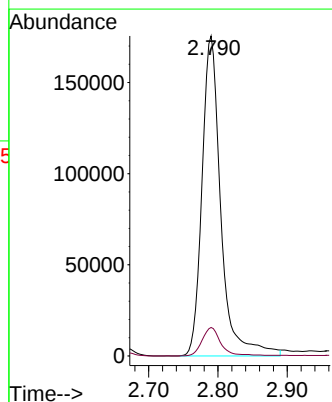
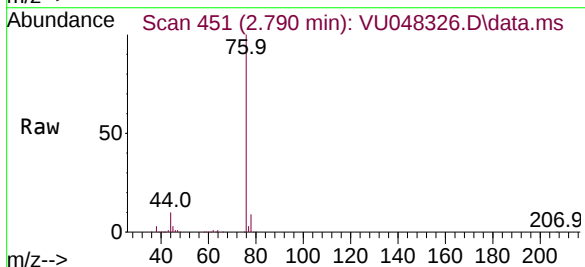
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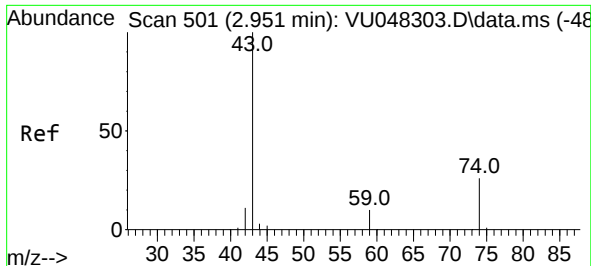
Tgt Ion: 43 Resp: 219420
Ion Ratio Lower Upper
43 100
58 34.7 0.0 71.2



#14
Carbon disulfide
Concen: 50.224 ug/L
RT: 2.790 min Scan# 451
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 76 Resp: 331554
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.2

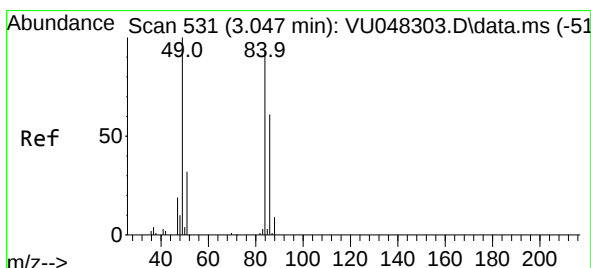
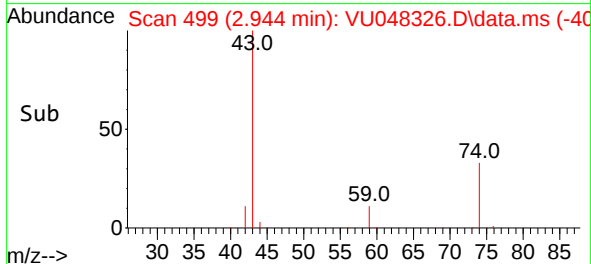
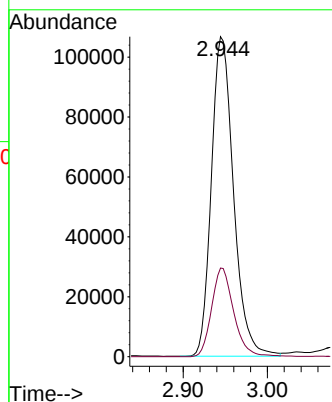
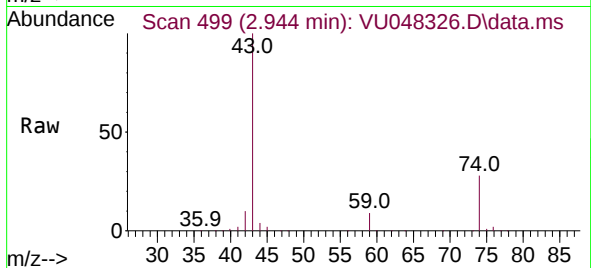




#15
Methyl Acetate
Concen: 47.386 ug/L
RT: 2.944 min Scan# 499
Delta R.T. -0.006 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

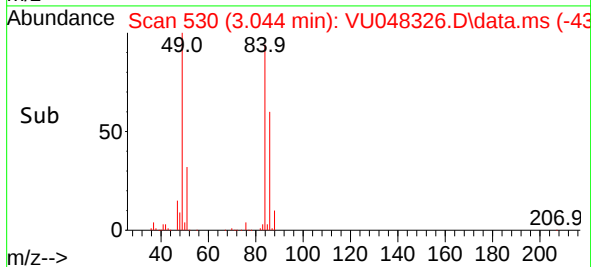
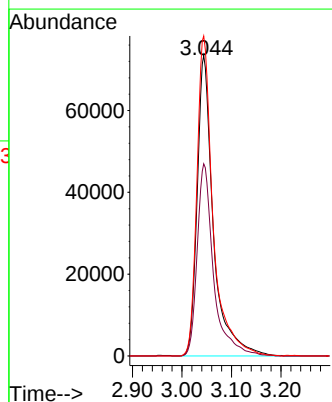
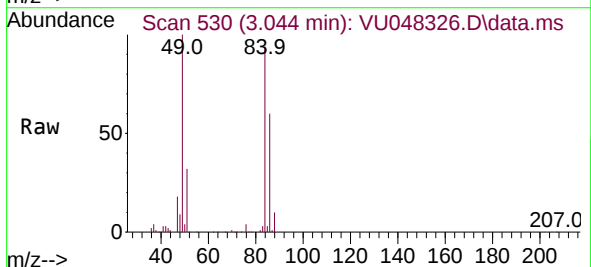
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

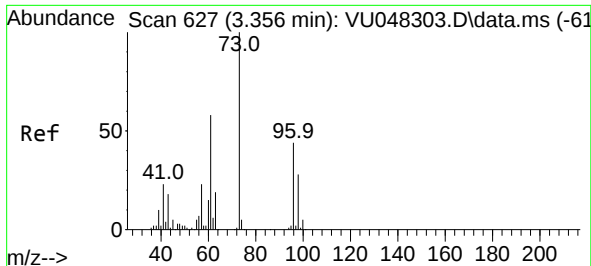
Tgt Ion: 43 Resp: 195098
Ion Ratio Lower Upper
43 100
74 27.7 21.0 31.6



#16
Methylene chloride
Concen: 48.066 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 84 Resp: 167850
Ion Ratio Lower Upper
84 100
86 63.9 45.4 84.2
49 106.5 79.2 147.0

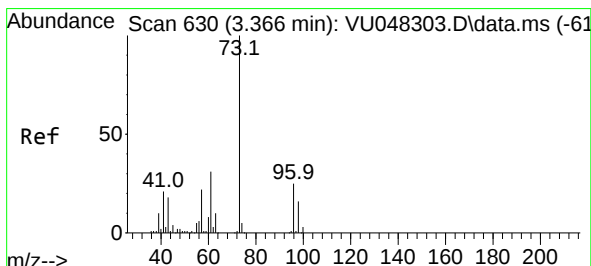
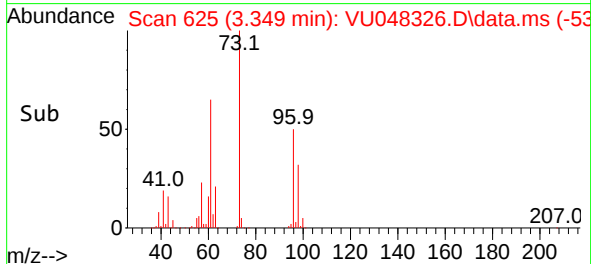
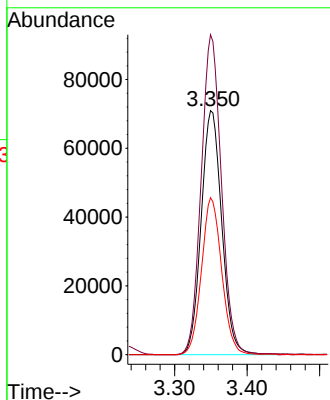
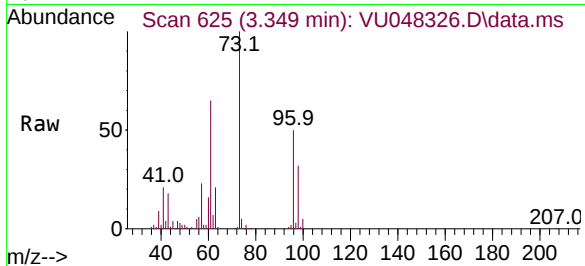




#17
trans-1,2-Dichloroethene
Concen: 49.754 ug/L
RT: 3.349 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

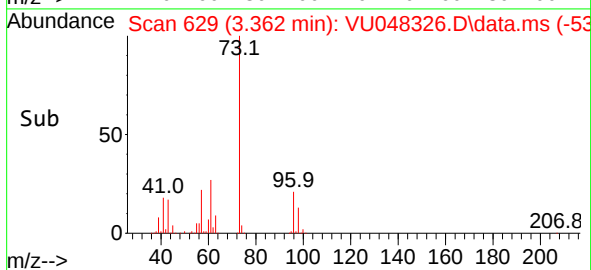
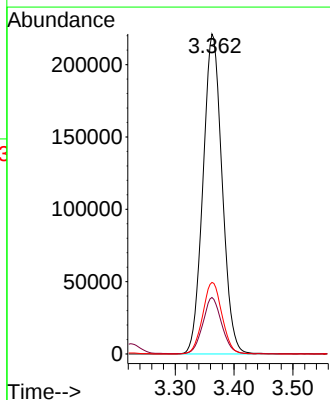
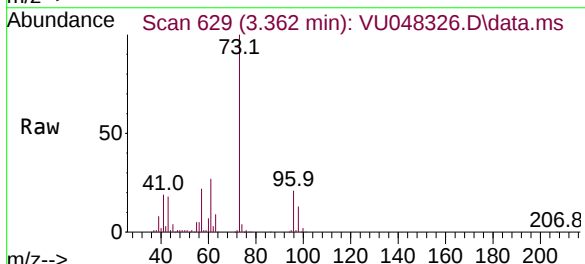
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

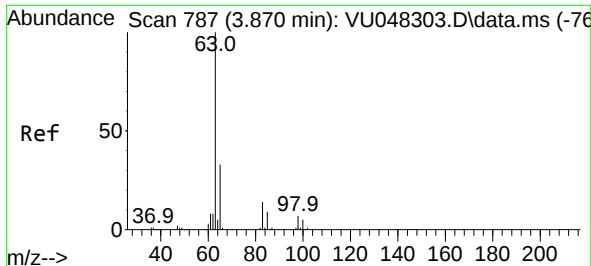
Tgt Ion: 96 Resp: 139999
Ion Ratio Lower Upper
96 100
61 131.2 95.2 176.8
98 64.3 44.7 83.1



#18
Methyl tert-butyl Ether
Concen: 53.684 ug/L
RT: 3.362 min Scan# 629
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 73 Resp: 498413
Ion Ratio Lower Upper
73 100
43 17.2 13.8 20.6
57 22.6 17.9 26.9





#19

1,1-Dichloroethane

Concen: 48.874 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

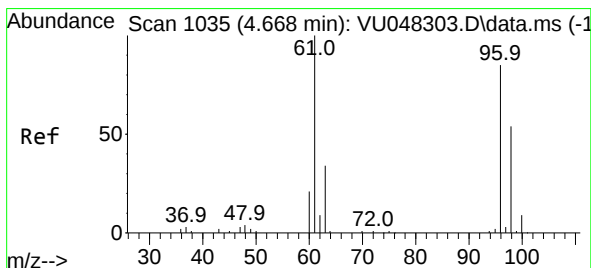
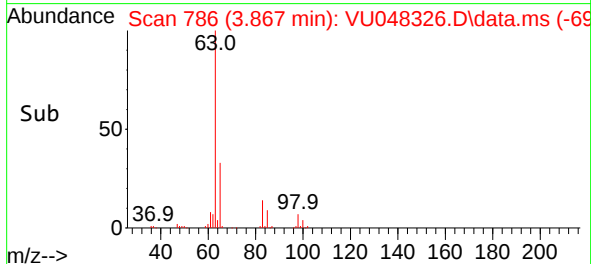
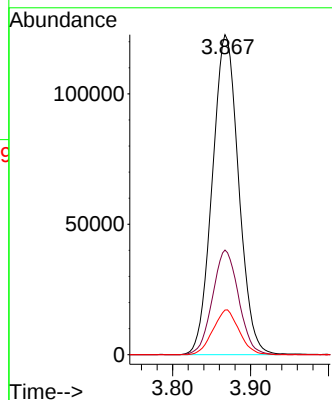
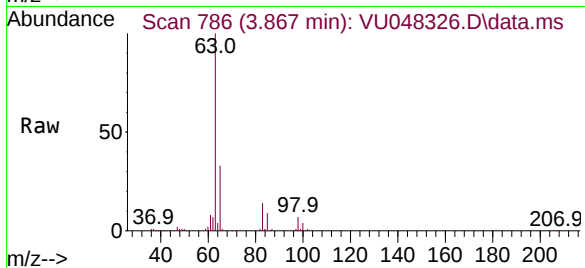
Tgt Ion: 63 Resp: 287580

Ion Ratio Lower Upper

63 100

65 32.7 22.0 40.8

83 13.9 8.8 16.4



#20

cis-1,2-Dichloroethene

Concen: 52.885 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

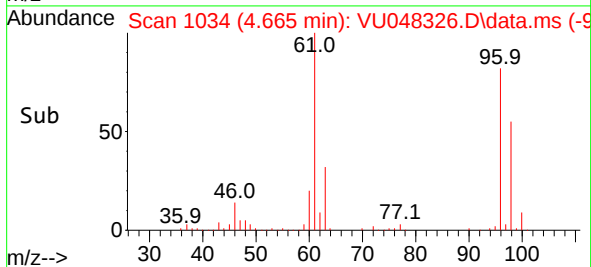
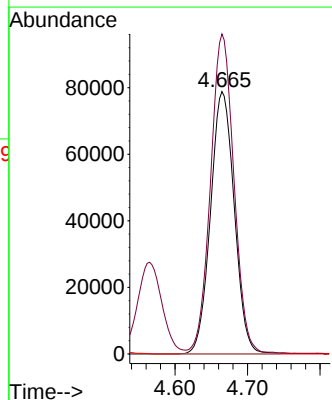
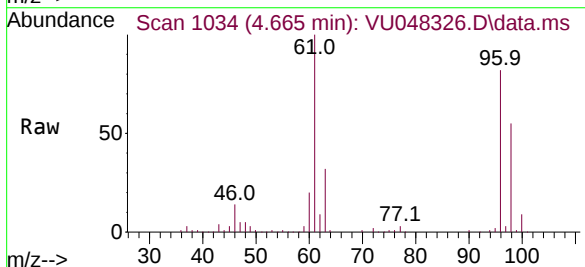
Tgt Ion: 96 Resp: 179376

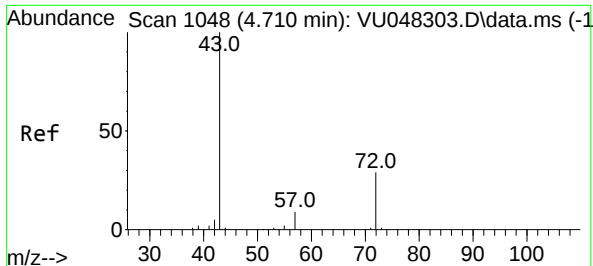
Ion Ratio Lower Upper

96 100

61 122.0 87.0 161.6

68 0.0 0.0 0.0

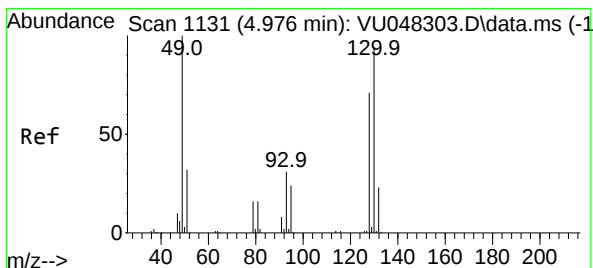
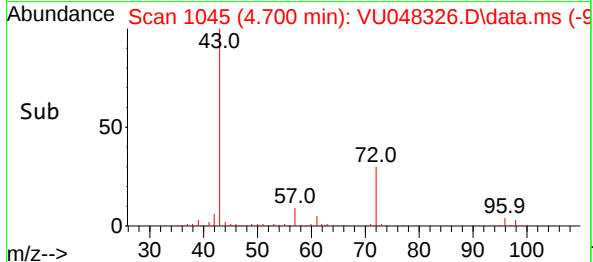
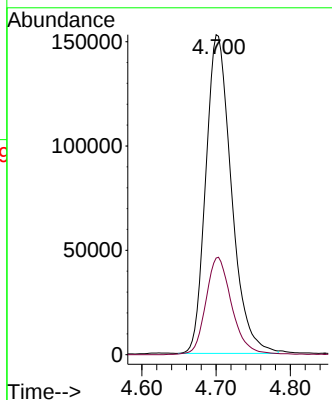
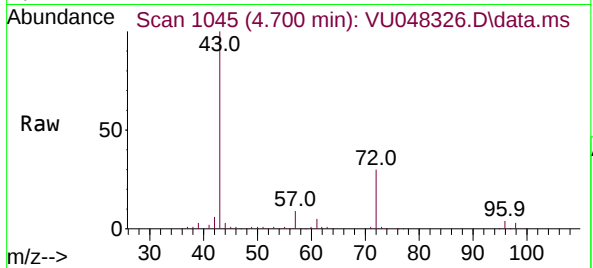




#22
2-Butanone
Concen: 119.424 ug/L
RT: 4.700 min Scan# 1048
Delta R.T. -0.010 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

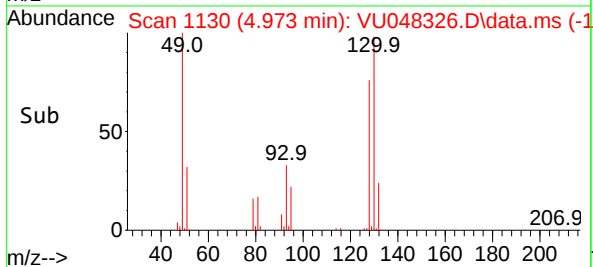
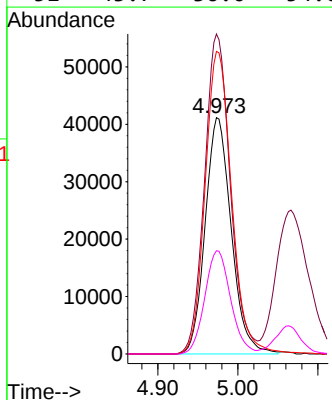
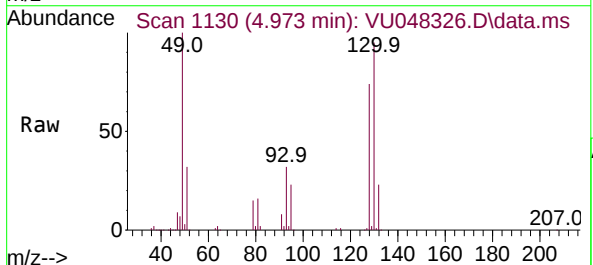
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

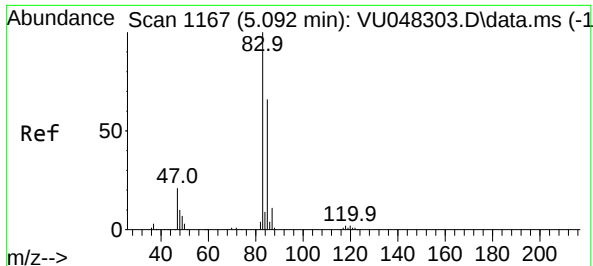
Tgt Ion: 43 Resp: 366273
Ion Ratio Lower Upper
43 100
72 30.9 14.6 43.8



#23
Bromochloromethane
Concen: 49.249 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:128 Resp: 93260
Ion Ratio Lower Upper
128 100
49 135.4 101.3 188.1
130 128.1 89.0 165.2
51 43.7 36.0 54.0





#25

Chloroform

Concen: 50.522 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.006 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

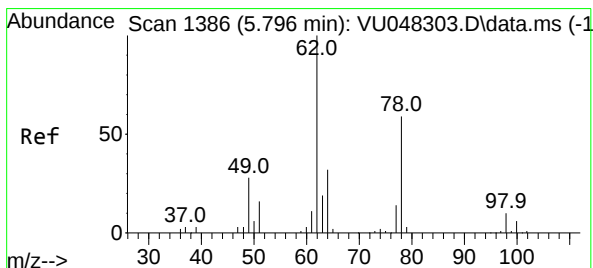
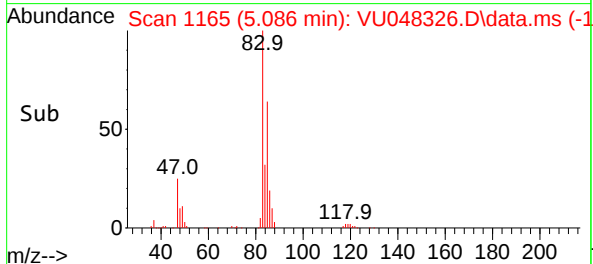
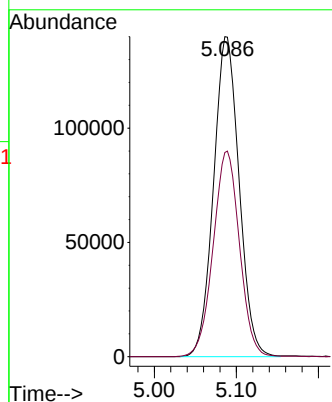
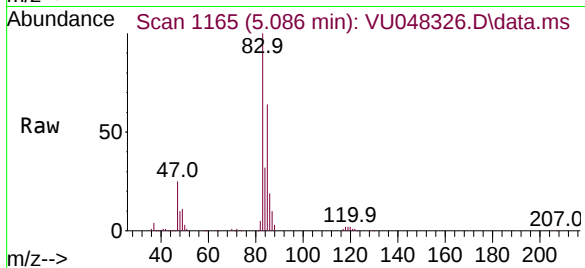
EXET1MSD

Tgt Ion: 83 Resp: 303565

Ion Ratio Lower Upper

83 100

85 63.8 45.7 84.9



#27

1,2-Dichloroethane

Concen: 78.840 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.006 min

Lab File: VU048326.D

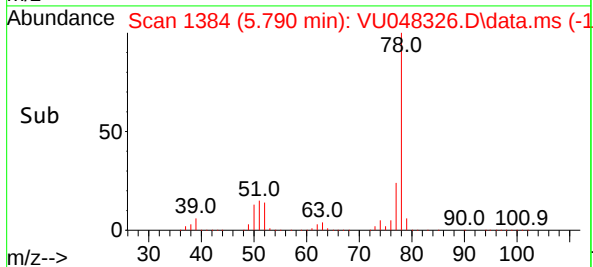
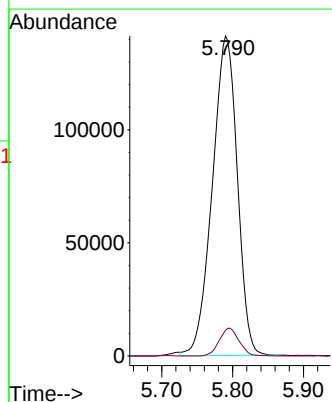
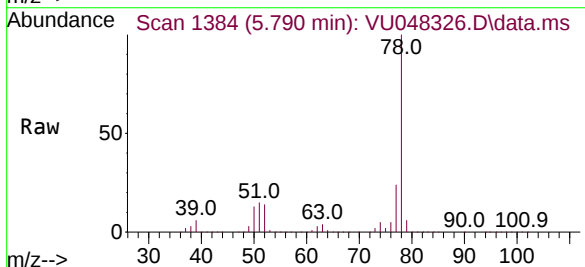
Acq: 27 Apr 2022 19:44

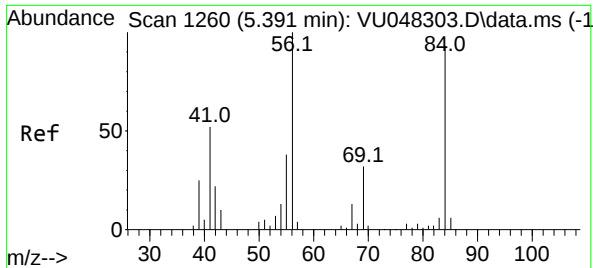
Tgt Ion: 62 Resp: 345534

Ion Ratio Lower Upper

62 100

98 8.0 8.5 12.7#





#29

Cyclohexane

Concen: 52.417 ug/L

RT: 5.388 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

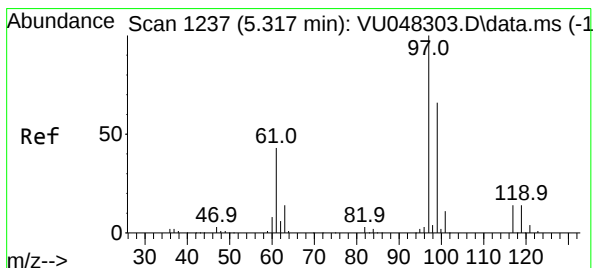
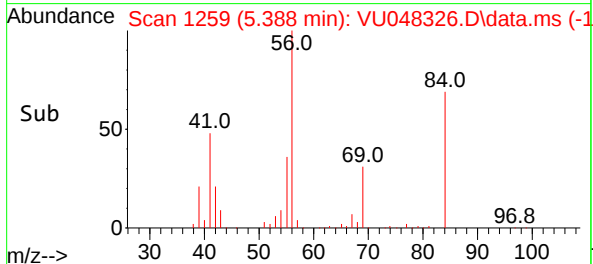
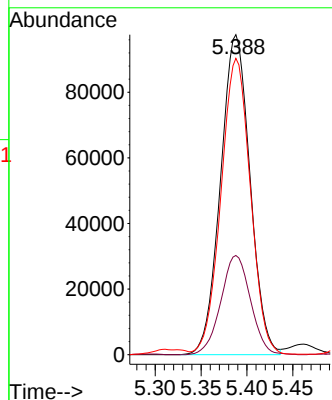
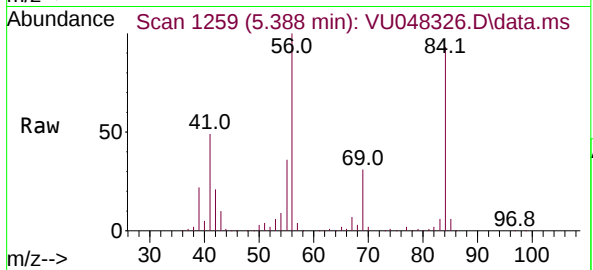
Tgt Ion: 56 Resp: 218180

Ion Ratio Lower Upper

56 100

69 31.2 24.2 36.4

84 92.1 72.2 108.2



#30

1,1,1-Trichloroethane

Concen: 48.512 ug/L

RT: 5.314 min Scan# 1236

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

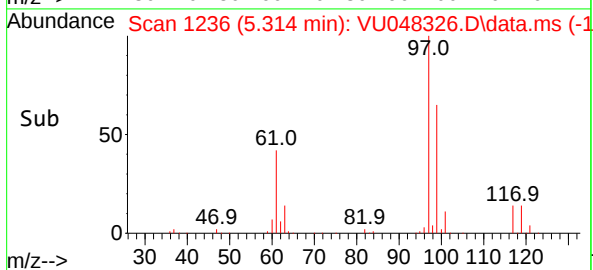
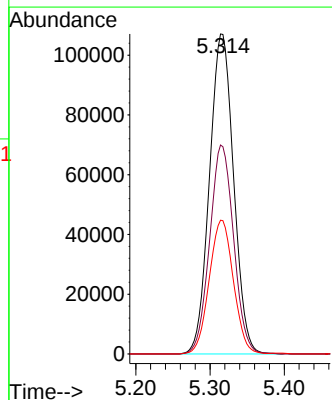
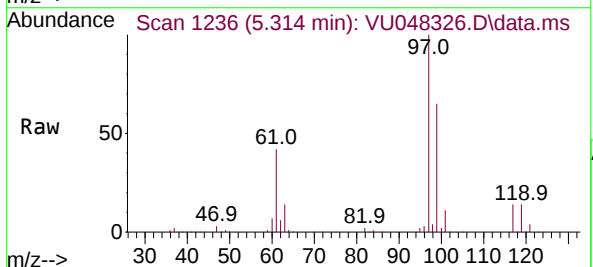
Tgt Ion: 97 Resp: 241679

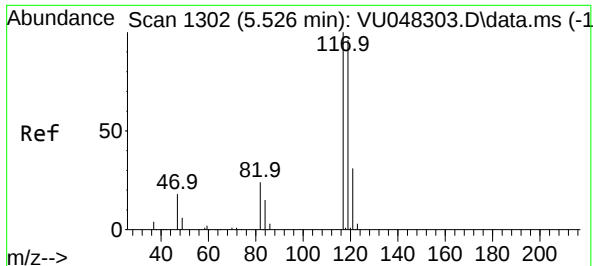
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 41.9 33.9 50.9

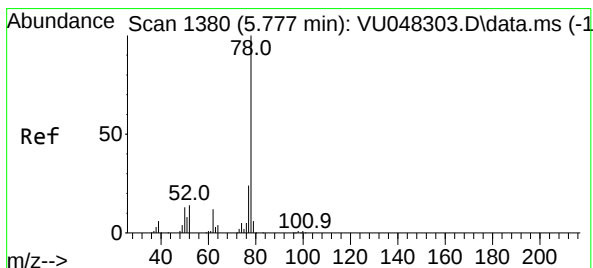
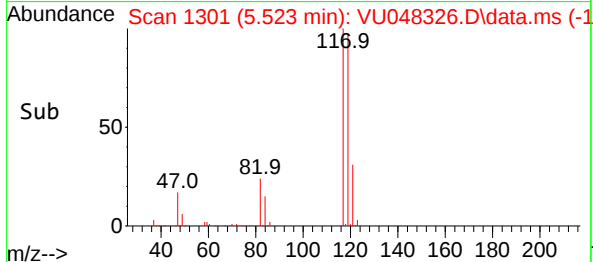
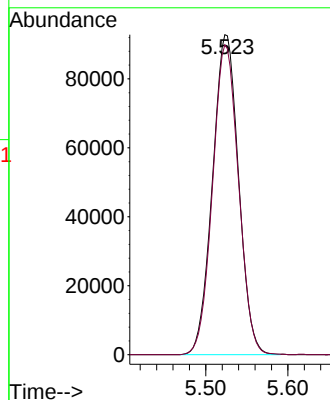
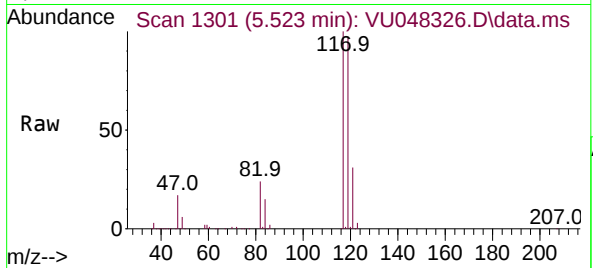




#31
Carbon tetrachloride
Concen: 48.172 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

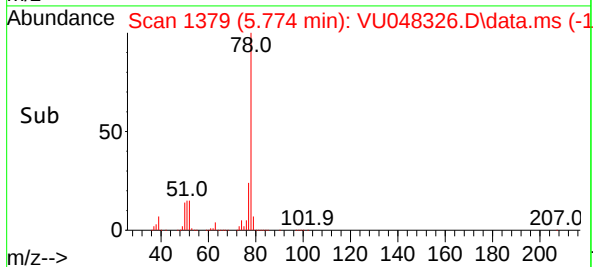
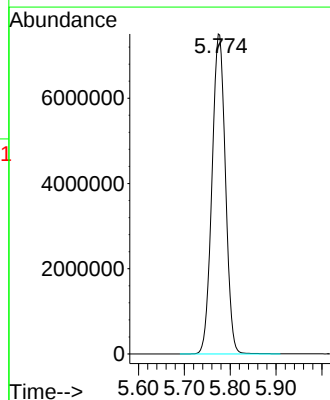
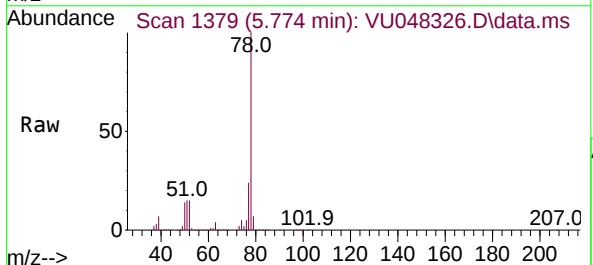
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

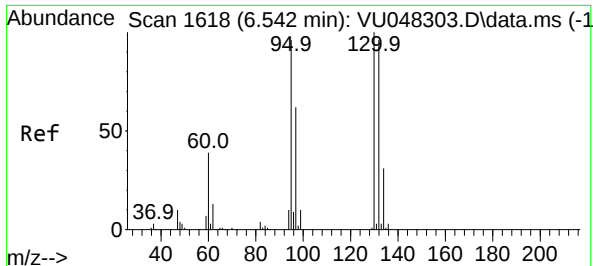
Tgt Ion:117 Resp: 204542
Ion Ratio Lower Upper
117 100
119 96.5 77.1 115.7



#33
Benzene
Concen: 1173.929 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 78 Resp:15311887





#34

Trichloroethene

Concen: 54.887 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

Tgt Ion: 95 Resp: 175476

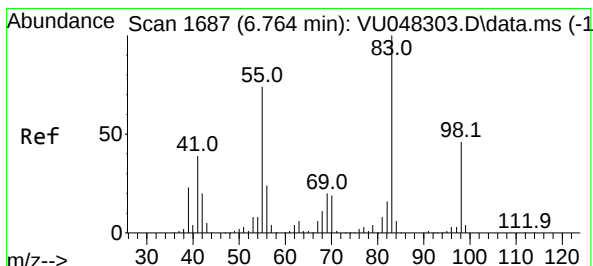
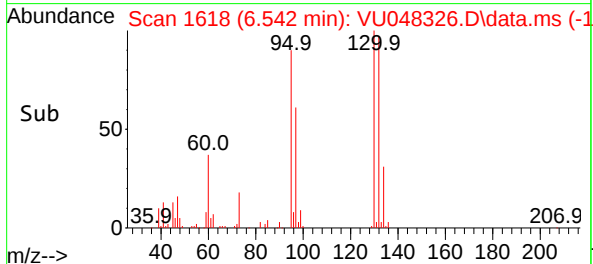
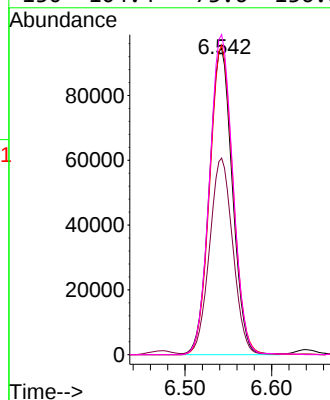
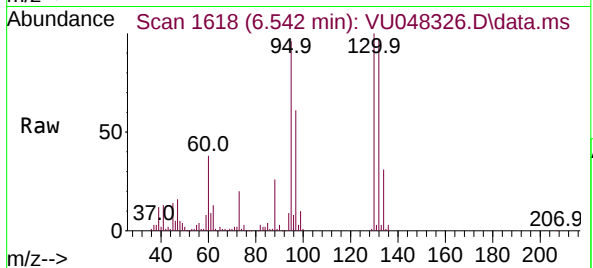
Ion Ratio Lower Upper

95 100

97 64.1 45.8 85.2

132 101.0 71.6 133.0

130 104.4 73.6 136.8



#35

Methylcyclohexane

Concen: 55.507 ug/L

RT: 6.761 min Scan# 1686

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

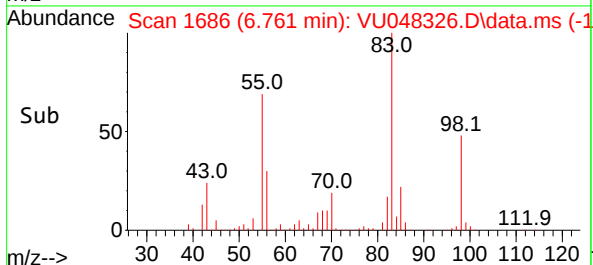
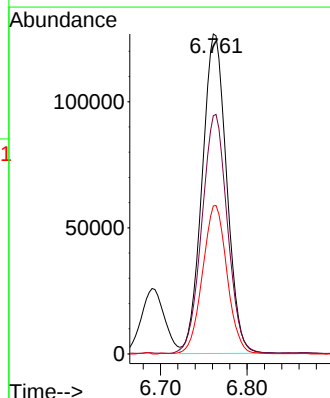
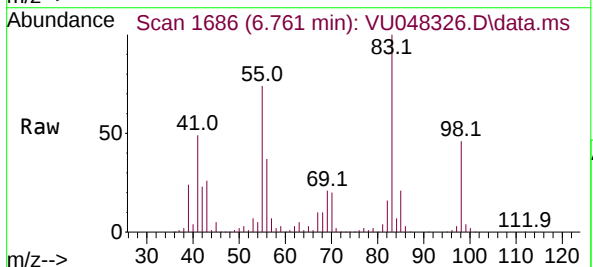
Tgt Ion: 83 Resp: 249143

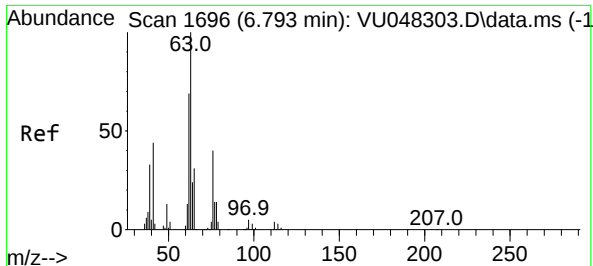
Ion Ratio Lower Upper

83 100

55 77.8 59.4 89.2

98 46.6 37.3 55.9





#37

1,2-Dichloropropane

Concen: 48.070 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

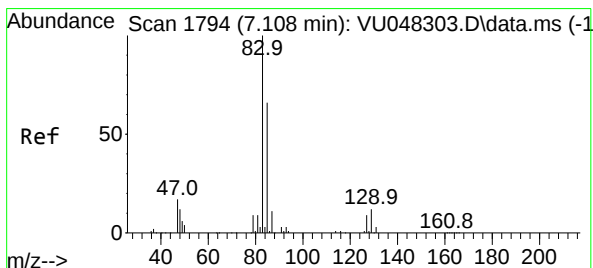
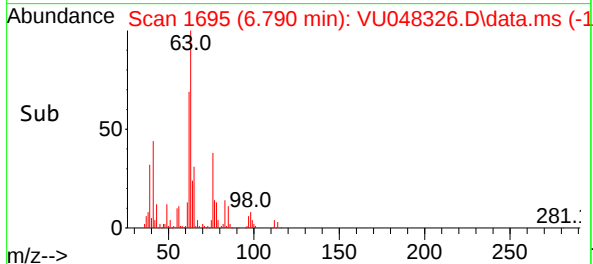
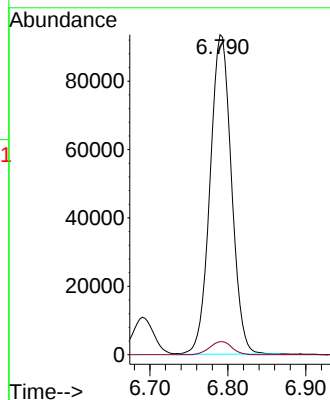
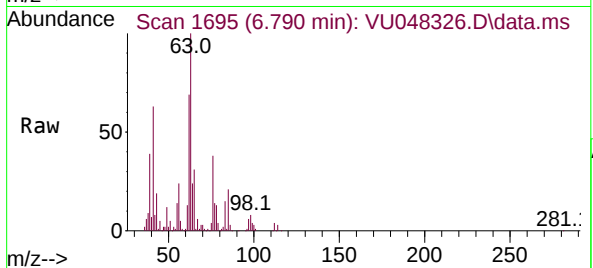
EXET1MSD

Tgt Ion: 63 Resp: 178390

Ion Ratio Lower Upper

63 100

112 4.2 3.1 4.7



#38

Bromodichloromethane

Concen: 48.380 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

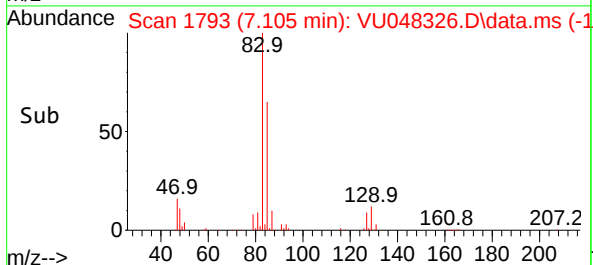
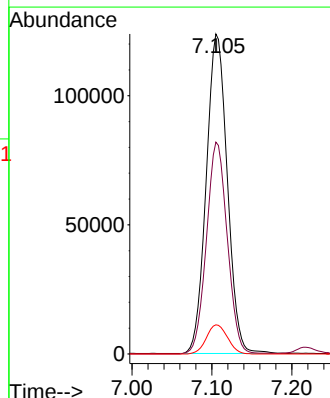
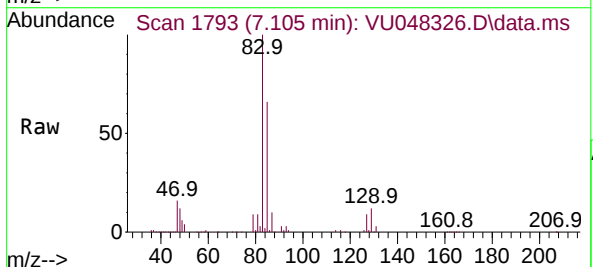
Tgt Ion: 83 Resp: 226736

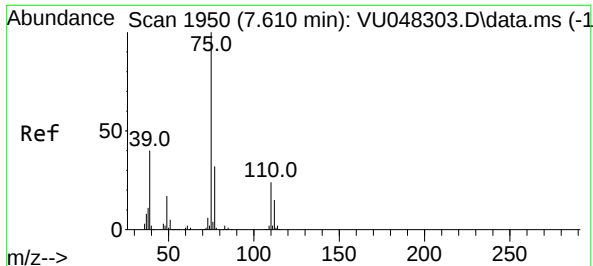
Ion Ratio Lower Upper

83 100

85 66.2 45.3 84.1

127 9.1 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 51.817 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

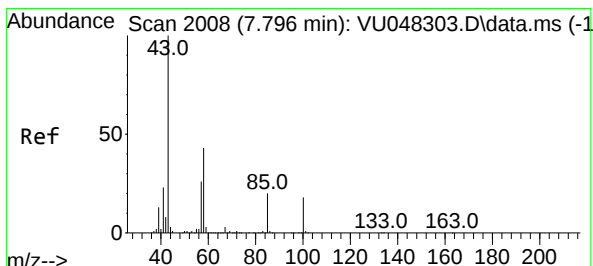
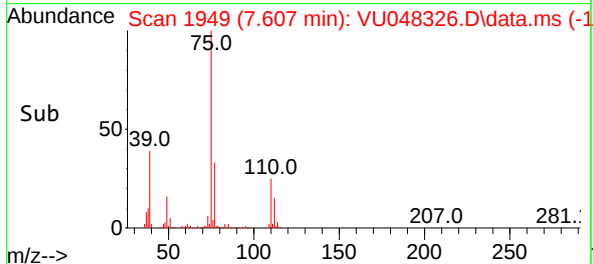
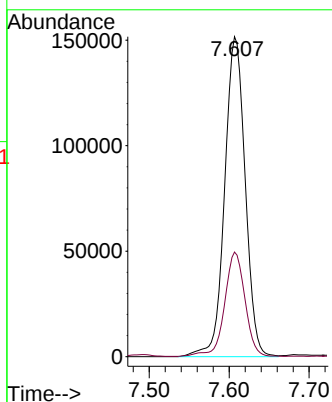
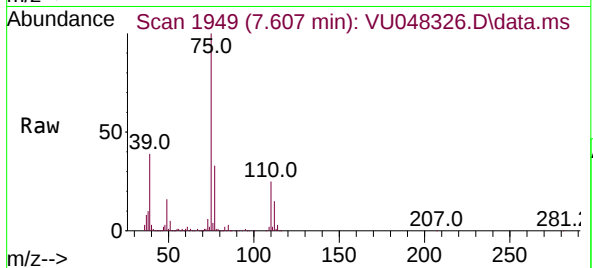
EXET1MSD

Tgt Ion: 75 Resp: 270398

Ion Ratio Lower Upper

75 100

77 32.7 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 124.638 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

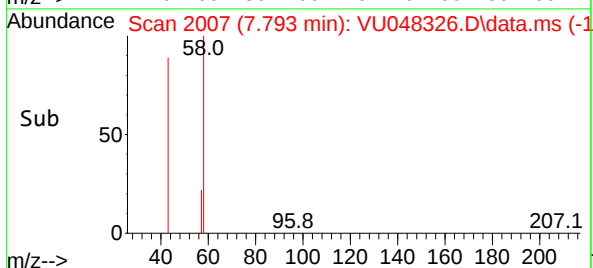
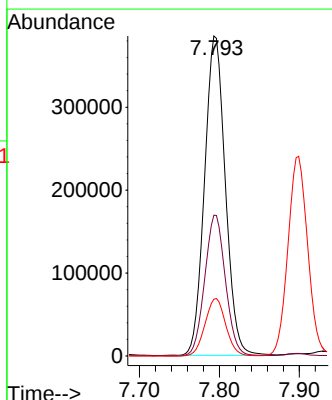
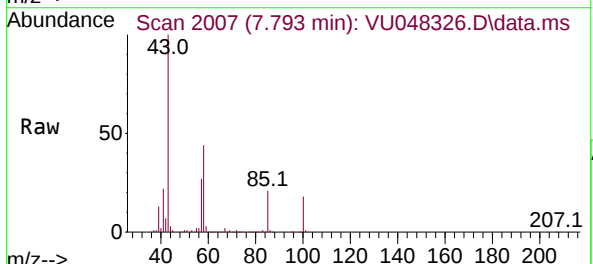
Tgt Ion: 43 Resp: 697624

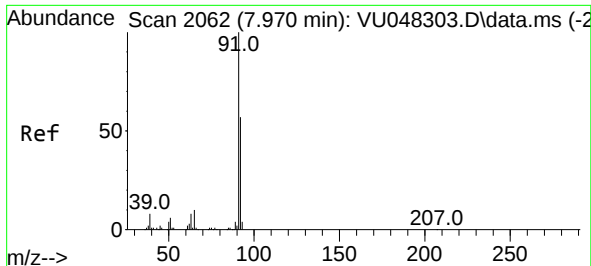
Ion Ratio Lower Upper

43 100

58 44.0 34.4 51.6

100 18.0 13.6 20.4





#42

Toluene

Concen: 204.701 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

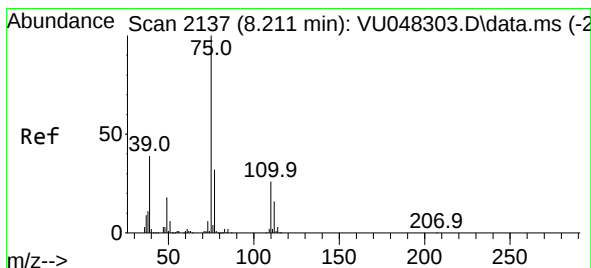
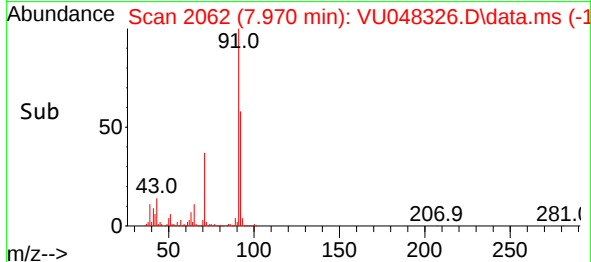
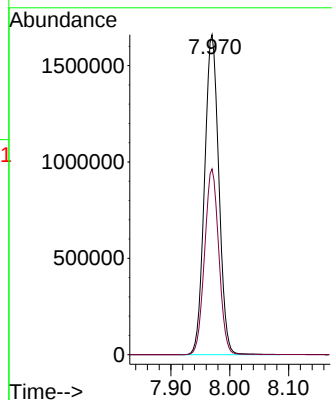
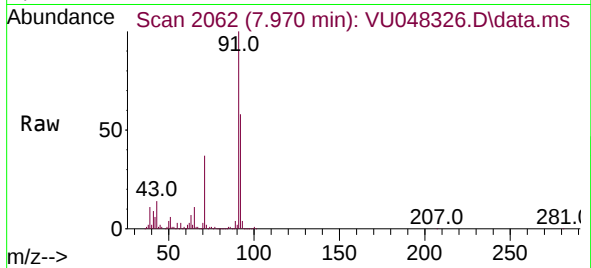
EXET1MSD

Tgt Ion: 91 Resp: 2803195

Ion Ratio Lower Upper

91 100

92 58.1 40.9 76.0



#44

trans-1,3-Dichloropropene

Concen: 51.450 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048326.D

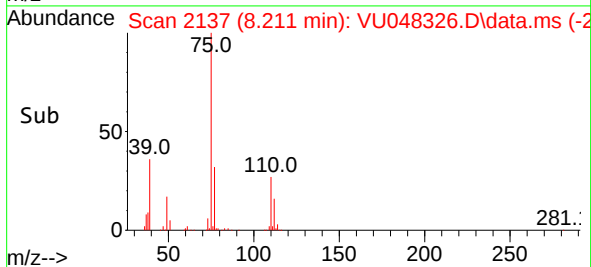
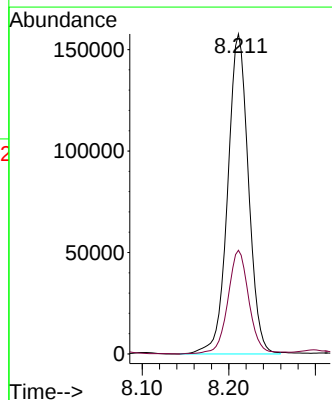
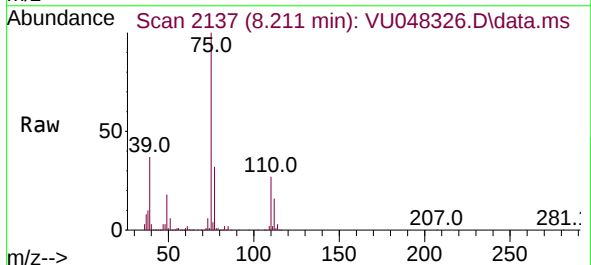
Acq: 27 Apr 2022 19:44

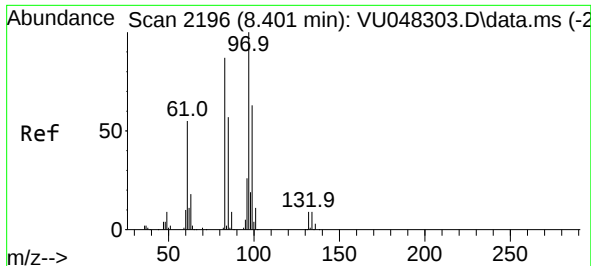
Tgt Ion: 75 Resp: 262287

Ion Ratio Lower Upper

75 100

77 32.4 22.1 41.1



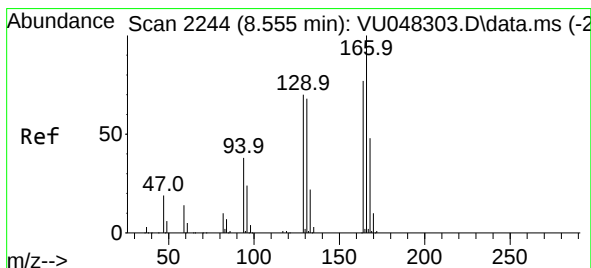
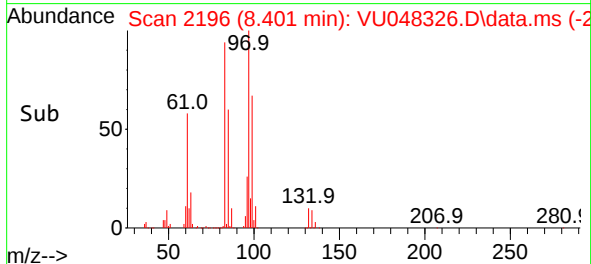
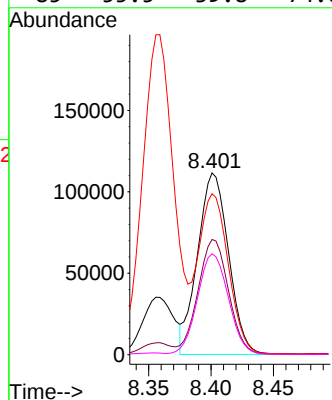
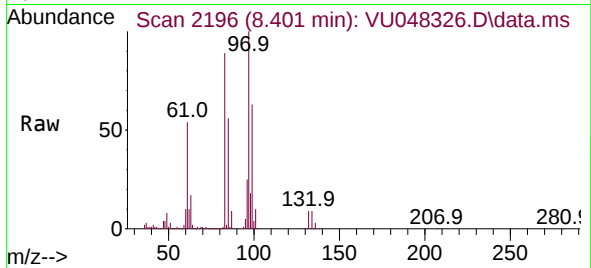


#45
1,1,2-Trichloroethane
Concen: 49.546 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

Tgt Ion: 97 Resp: 192907

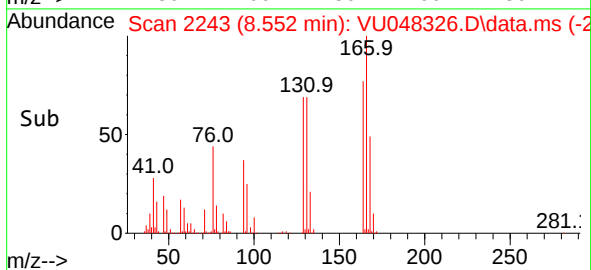
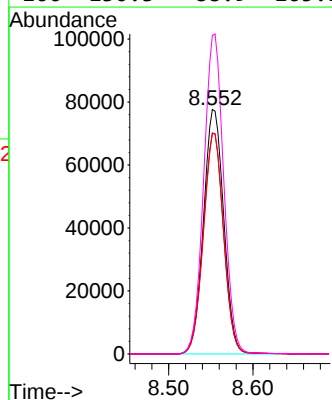
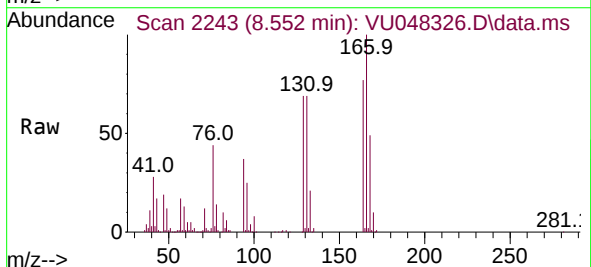
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.7	81.1
83	88.6	62.6	116.2
85	55.5	39.8	74.0

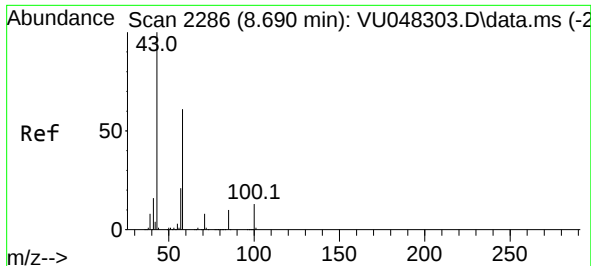


#46
Tetrachloroethene
Concen: 47.511 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 164 Resp: 130363

Ion	Ratio	Lower	Upper
164	100		
129	90.5	63.3	117.7
131	90.1	61.2	113.6
166	130.3	88.9	165.1





#48

2-Hexanone

Concen: 118.619 ug/L

RT: 8.687 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

Tgt Ion: 43 Resp: 554427

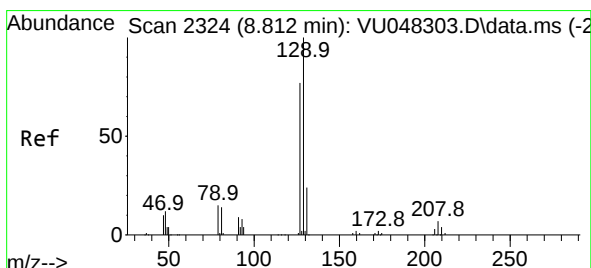
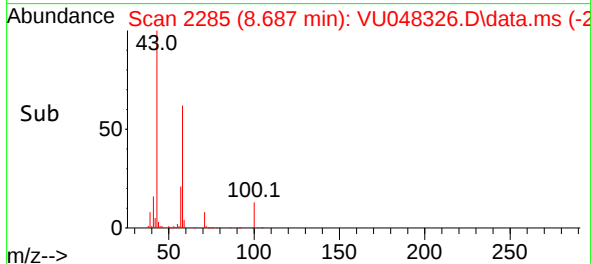
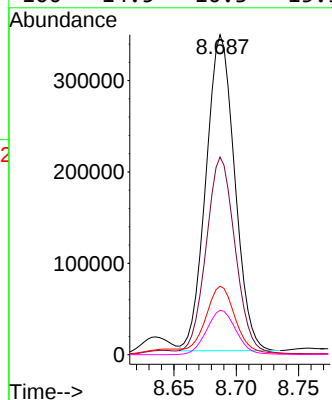
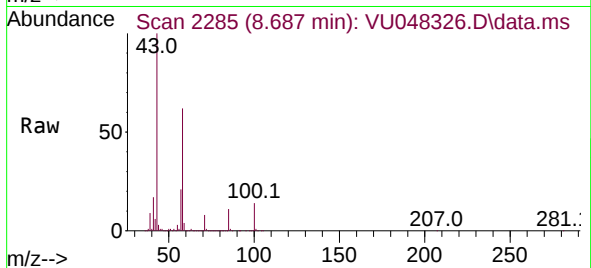
Ion Ratio Lower Upper

43 100

58 63.6 48.1 72.1

57 22.8 16.2 24.4

100 14.5 10.3 15.5



#49

Dibromochloromethane

Concen: 50.345 ug/L

RT: 8.812 min Scan# 2324

Delta R.T. 0.000 min

Lab File: VU048326.D

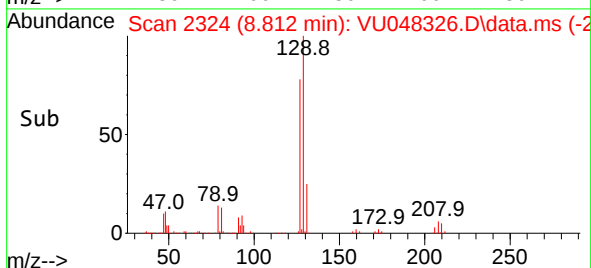
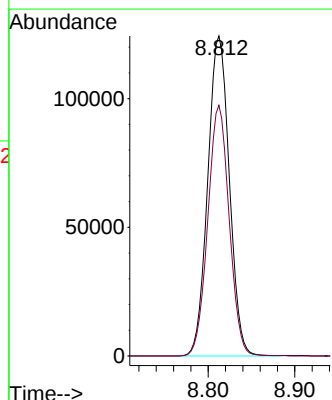
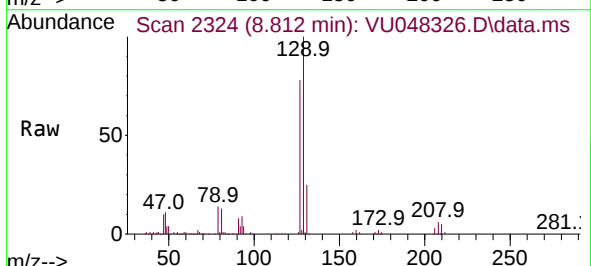
Acq: 27 Apr 2022 19:44

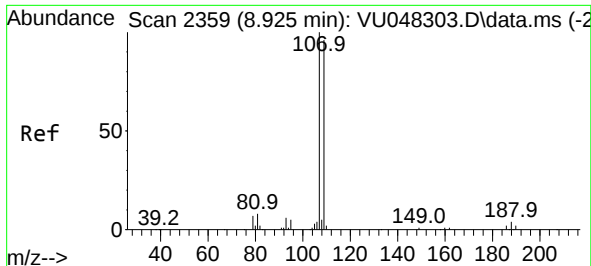
Tgt Ion: 129 Resp: 215397

Ion Ratio Lower Upper

129 100

127 78.4 53.8 99.8

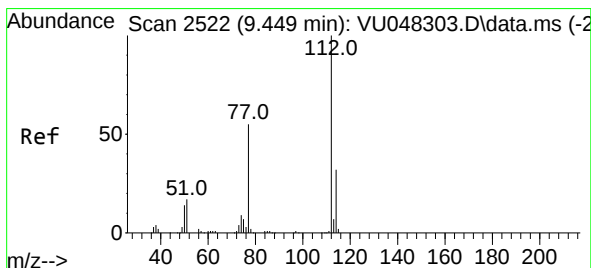
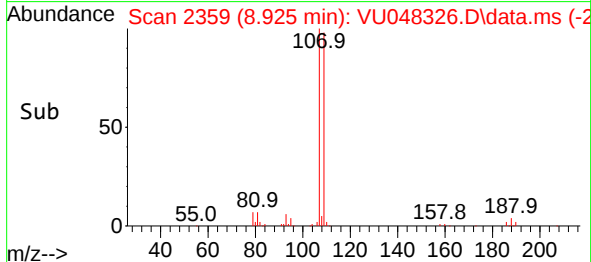
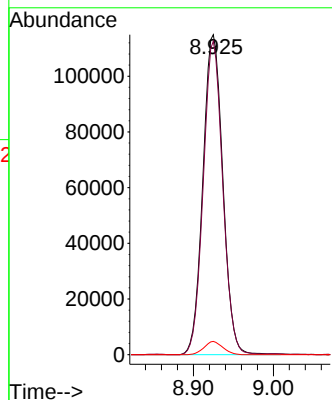
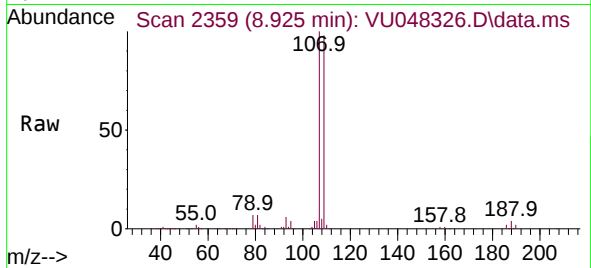




#50
1,2-Dibromoethane
Concen: 50.569 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

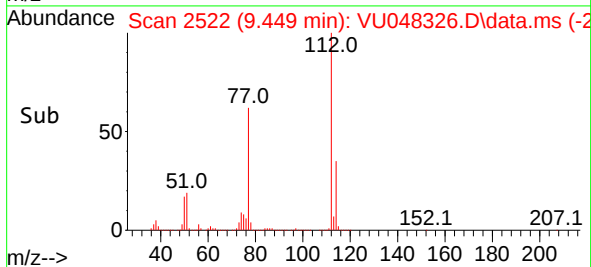
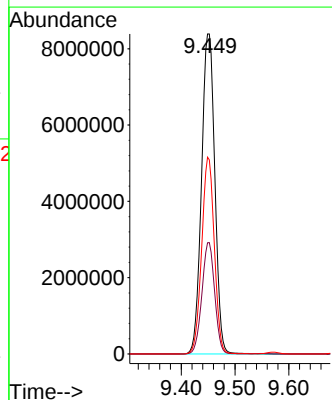
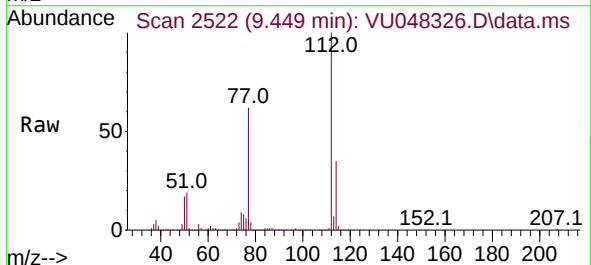
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

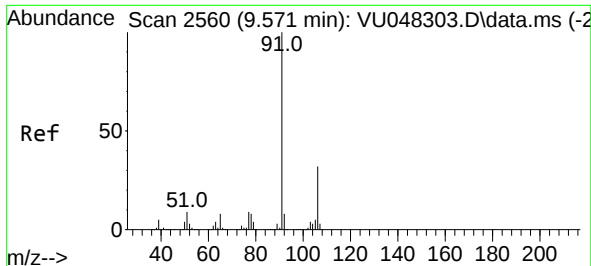
Tgt Ion:107 Resp: 199666
Ion Ratio Lower Upper
107 100
109 98.0 65.0 120.8
188 4.1 3.1 4.7



#51
Chlorobenzene
Concen: 1458.583 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:112 Resp:14397354
Ion Ratio Lower Upper
112 100
114 34.7 22.7 42.1
77 61.5 44.3 66.5

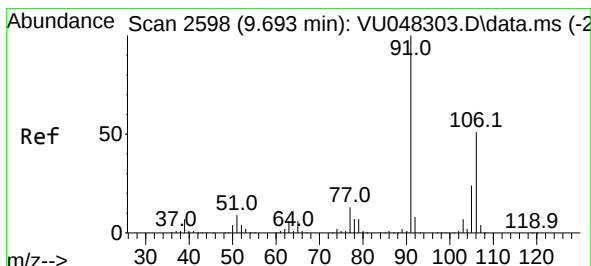
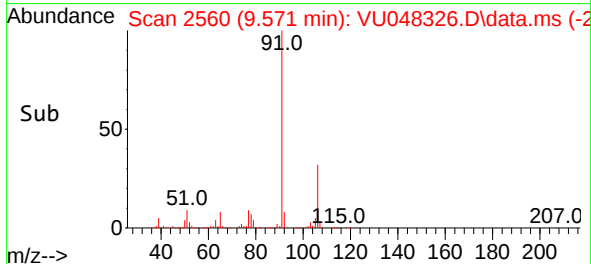
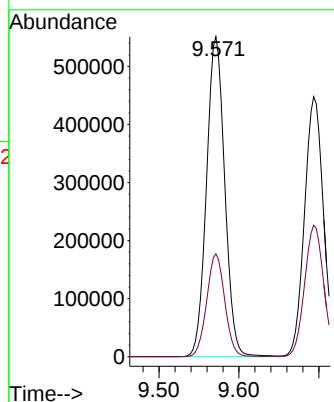
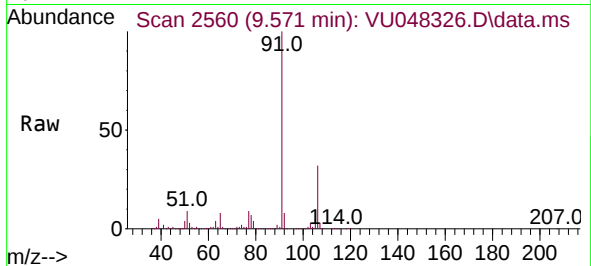




#52
Ethylbenzene
Concen: 61.612 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

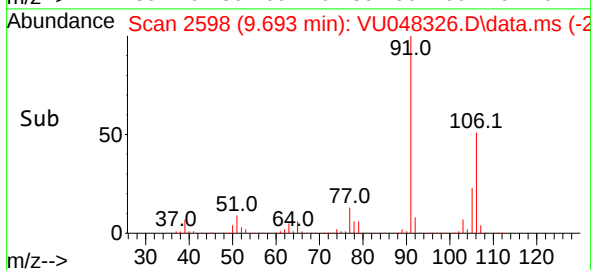
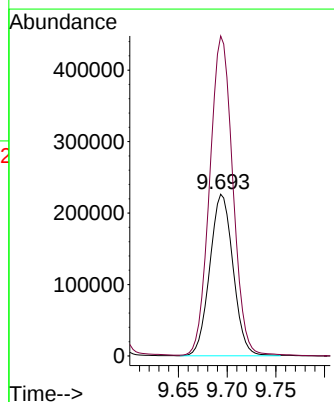
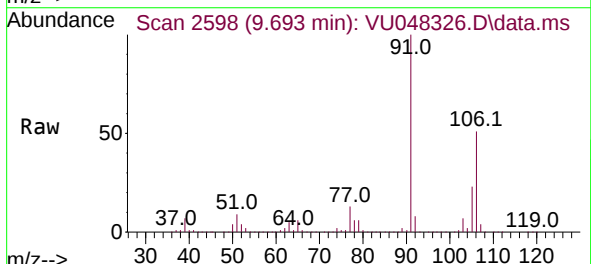
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

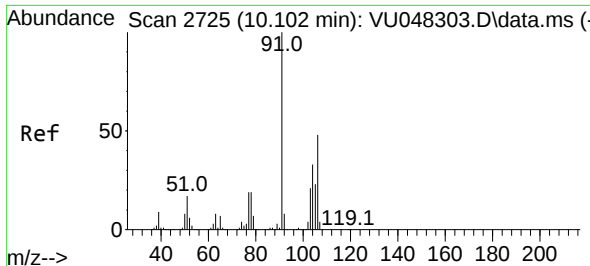
Tgt Ion: 91 Resp: 873784
Ion Ratio Lower Upper
91 100
106 32.2 22.5 41.9



#53
m,p-Xylene
Concen: 67.174 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:106 Resp: 375941
Ion Ratio Lower Upper
106 100
91 197.9 137.4 255.2

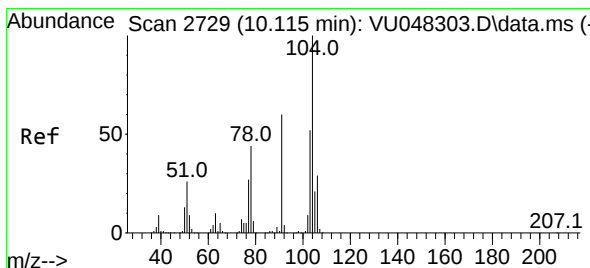
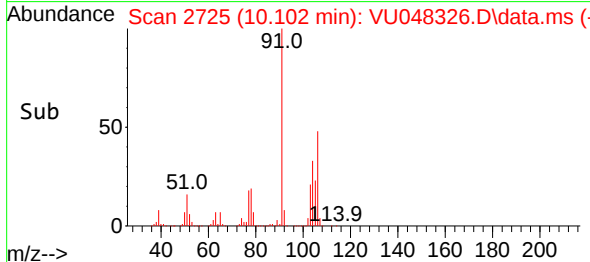
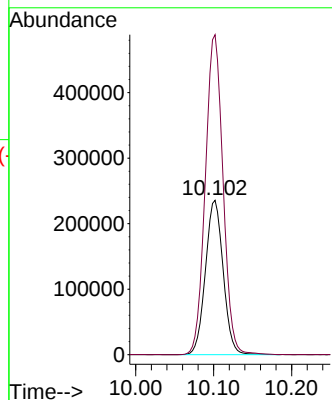
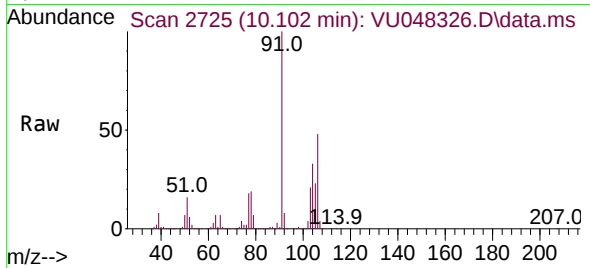




#54
o-Xylene
Concen: 66.132 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

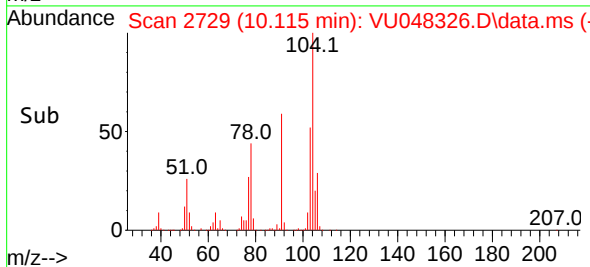
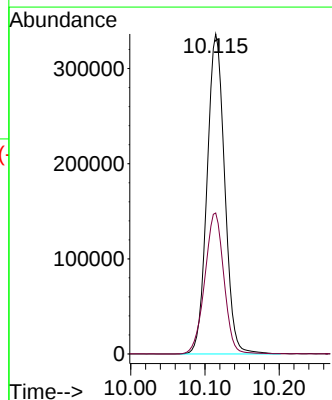
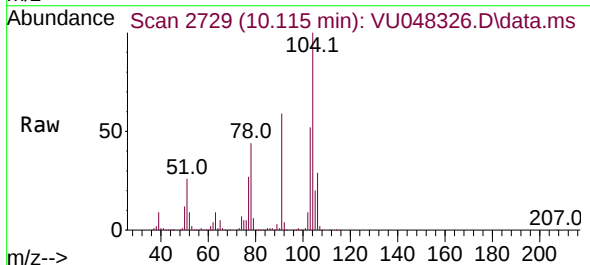
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

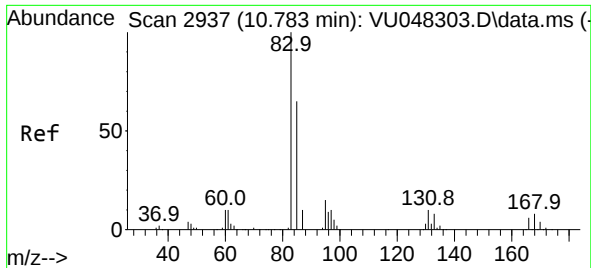
Tgt Ion:106 Resp: 372852
Ion Ratio Lower Upper
106 100
91 207.3 145.3 269.8



#55
Styrene
Concen: 57.559 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:104 Resp: 552837
Ion Ratio Lower Upper
104 100
78 44.0 30.3 56.3

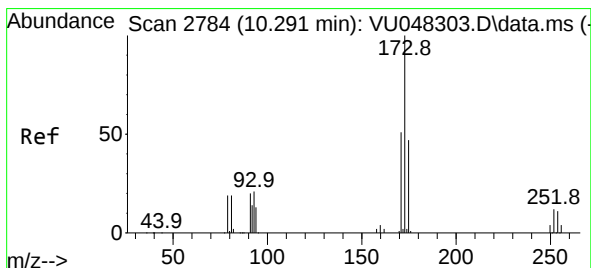
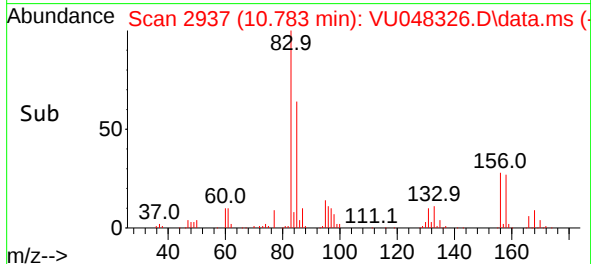
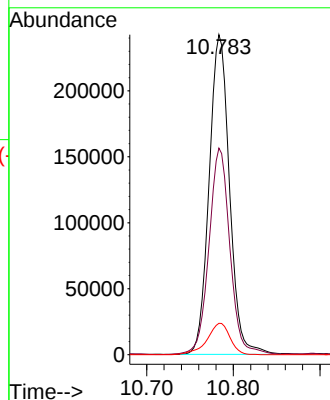
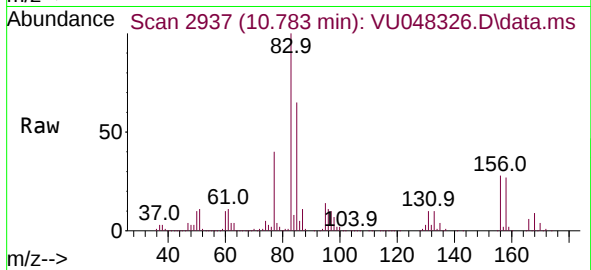




#57
1,1,2,2-Tetrachloroethane
Concen: 51.505 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

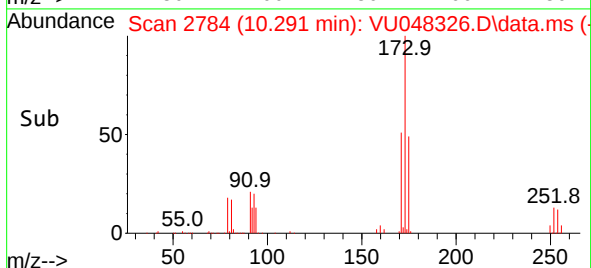
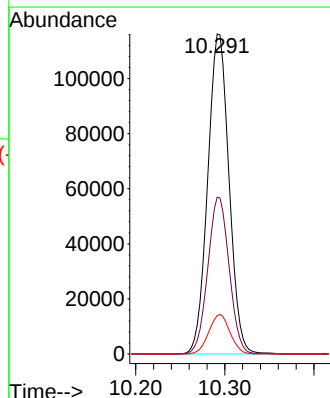
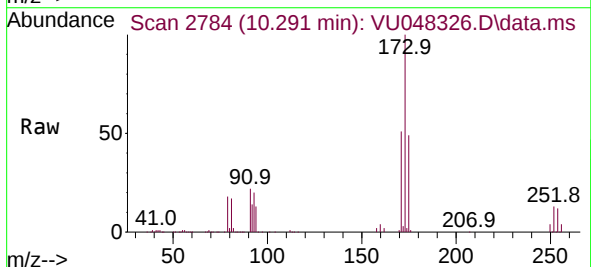
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

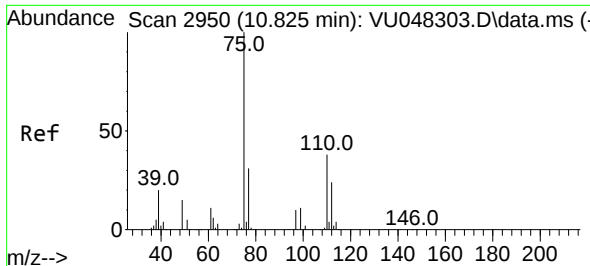
Tgt Ion: 83 Resp: 395785
Ion Ratio Lower Upper
83 100
85 64.5 45.1 83.7
131 9.8 7.8 11.6



#59
Bromoform
Concen: 49.791 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:173 Resp: 192817
Ion Ratio Lower Upper
173 100
175 49.0 38.9 58.3
254 12.3 9.5 14.3

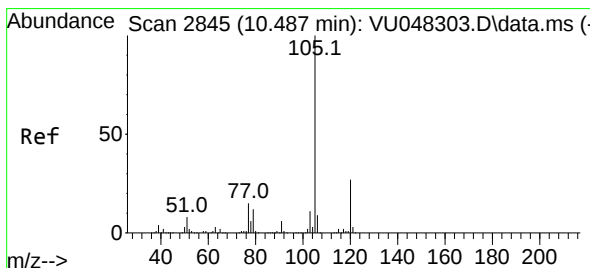
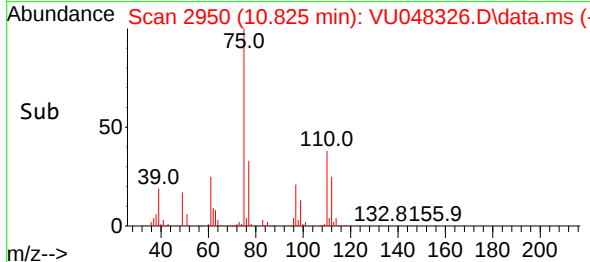
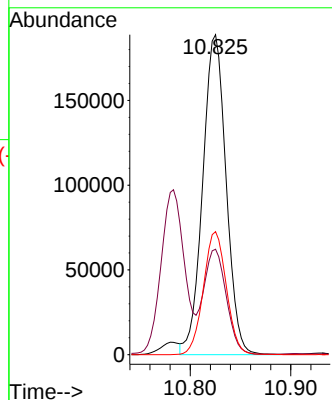
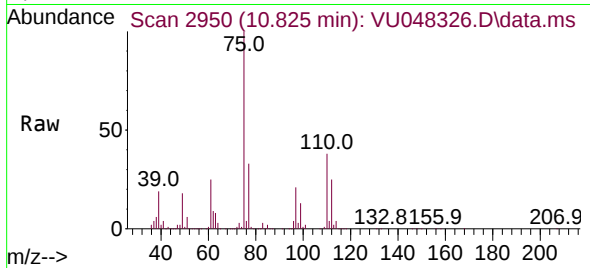




#60
1,2,3-Trichloropropane
Concen: 49.113 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

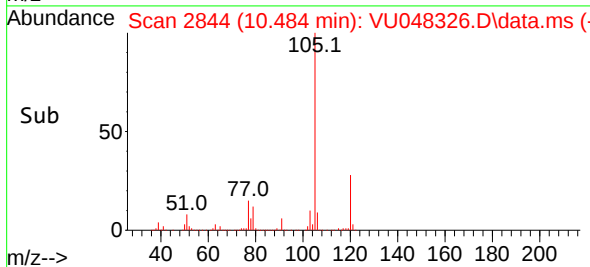
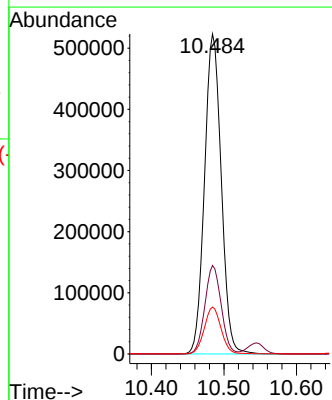
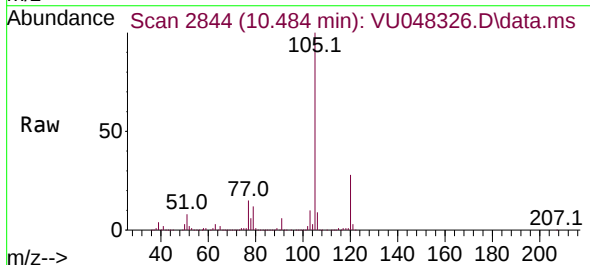
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

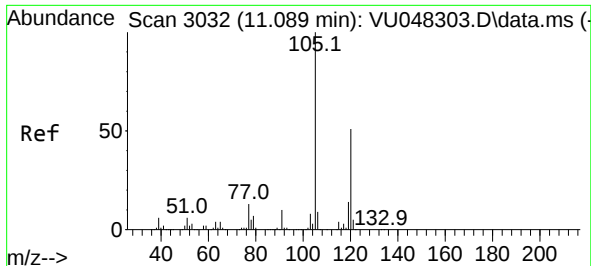
Tgt Ion: 75 Resp: 305724
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
110 37.8 29.9 44.9



#61
Isopropylbenzene
Concen: 56.138 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 105 Resp: 837549
Ion Ratio Lower Upper
105 100
120 27.0 21.7 32.5
77 14.7 11.7 17.5

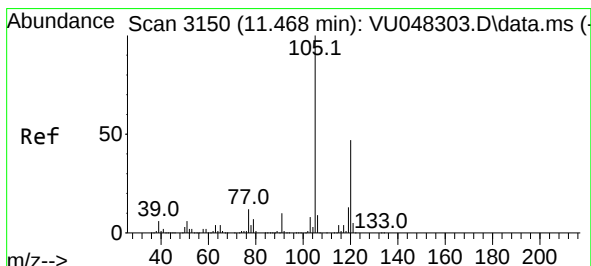
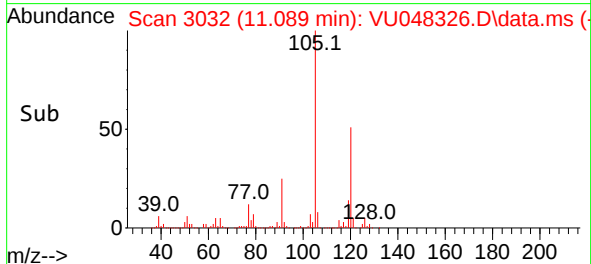
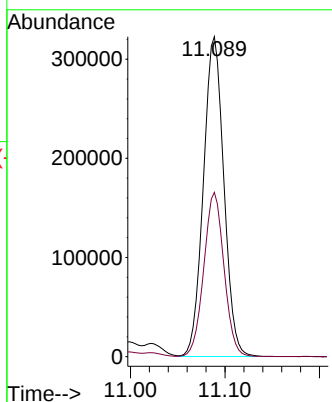
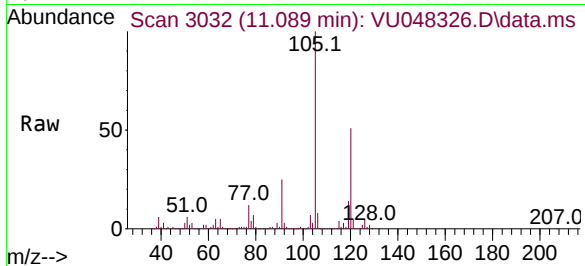




#62
 1,3,5-Trimethylbenzene
 Concen: 61.682 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

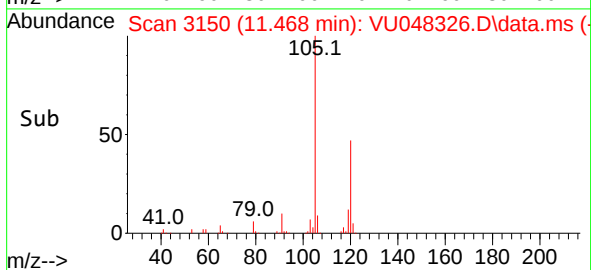
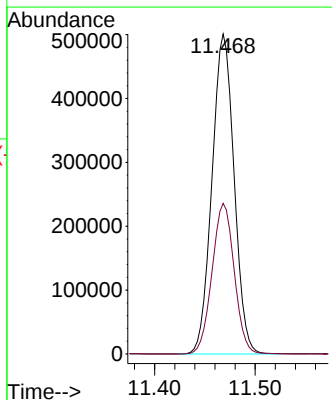
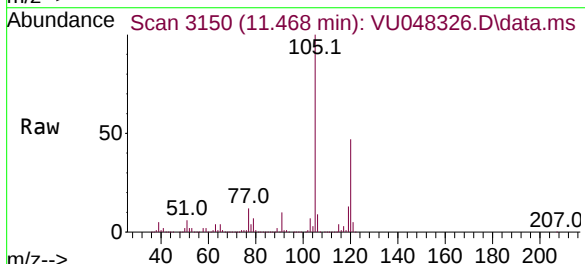
Instrument :
 MSVOA_U
 ClientSampleId :
 EXET1MSD

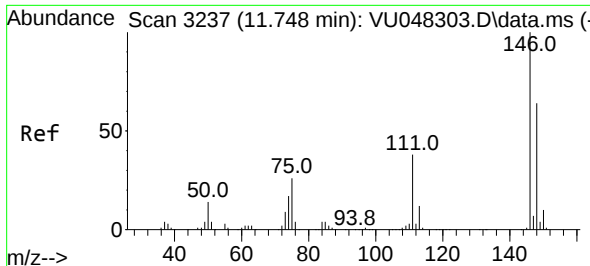
Tgt Ion:105 Resp: 485044
 Ion Ratio Lower Upper
 105 100
 120 50.6 40.7 61.1



#63
 1,2,4-Trimethylbenzene
 Concen: 63.276 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU048326.D
 Acq: 27 Apr 2022 19:44

Tgt Ion:105 Resp: 764993
 Ion Ratio Lower Upper
 105 100
 120 47.3 38.0 57.0

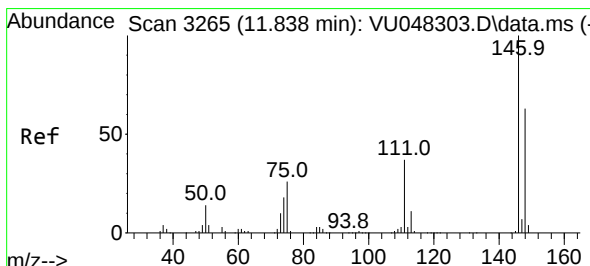
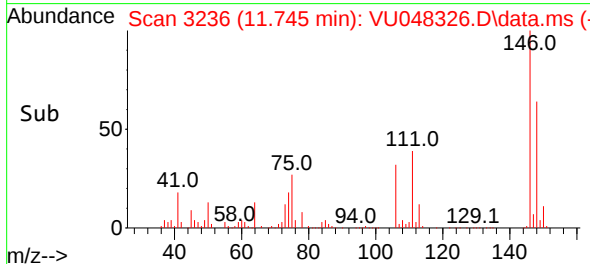
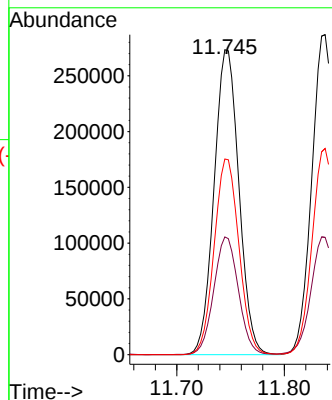
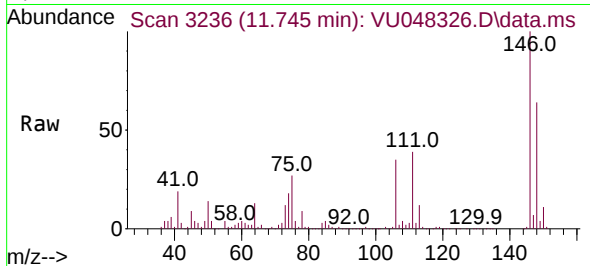




#64
1,3-Dichlorobenzene
Concen: 52.507 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

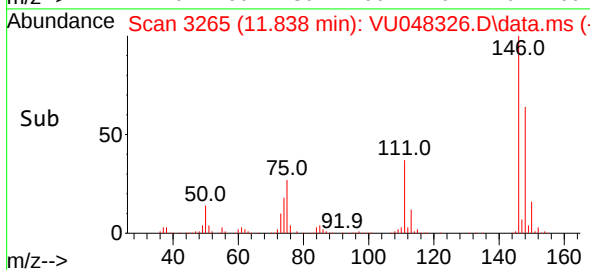
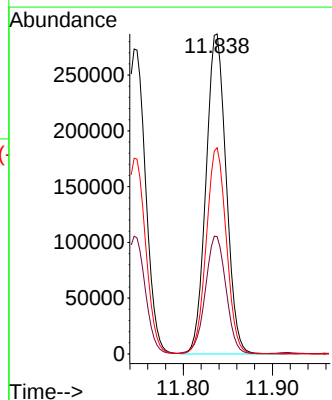
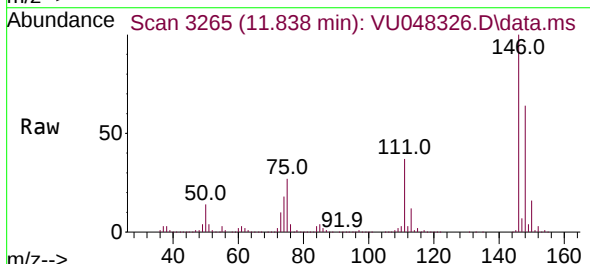
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

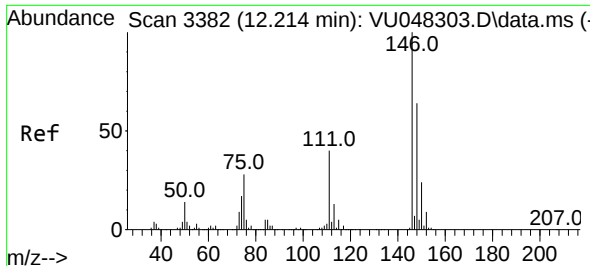
Tgt Ion:146 Resp: 439191
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.7
148 64.2 44.9 83.5



#65
1,4-Dichlorobenzene
Concen: 52.781 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion:146 Resp: 450715
Ion Ratio Lower Upper
146 100
111 36.7 25.9 48.1
148 64.4 45.1 83.7

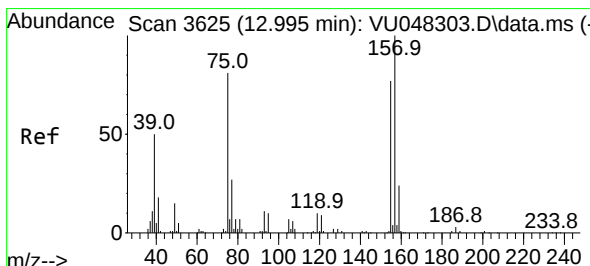
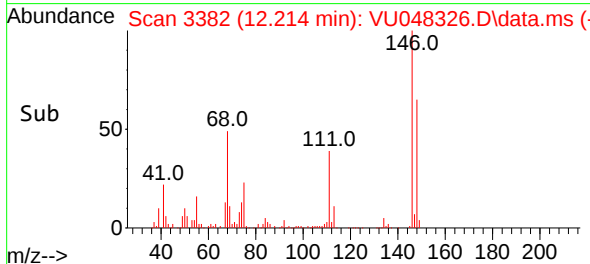
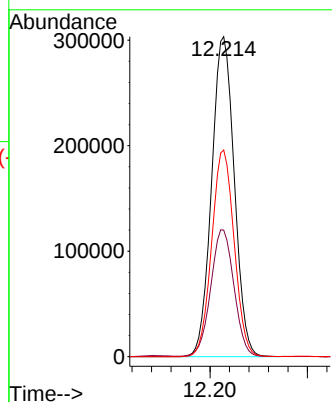
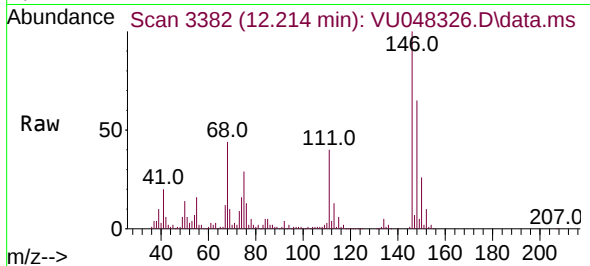




#67
1,2-Dichlorobenzene
Concen: 55.588 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

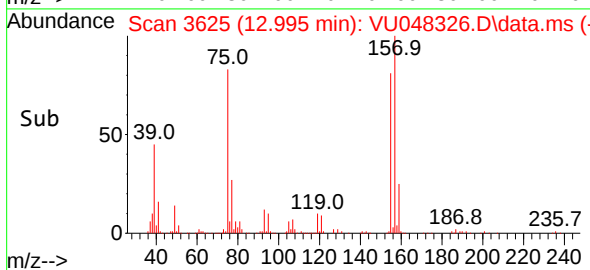
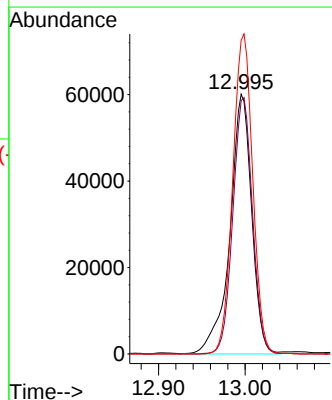
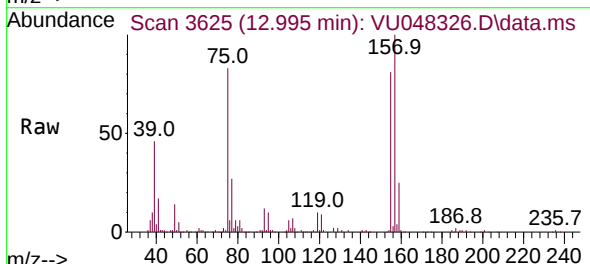
Instrument :
MSVOA_U
ClientSampleId :
EXET1MSD

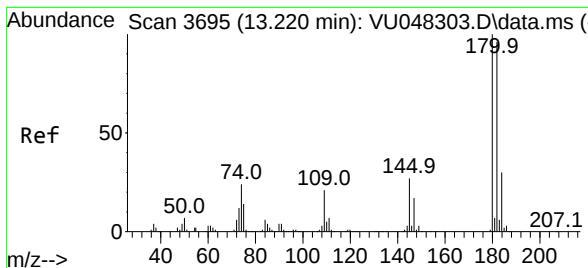
Tgt Ion:146 Resp: 489809
Ion Ratio Lower Upper
146 100
111 39.6 31.7 47.5
148 64.6 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 63.208 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.000 min
Lab File: VU048326.D
Acq: 27 Apr 2022 19:44

Tgt Ion: 75 Resp: 105037
Ion Ratio Lower Upper
75 100
155 97.5 71.8 107.6
157 120.7 93.4 140.2





#69

1,3,5-Trichlorobenzene

Concen: 53.796 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

Tgt Ion:180 Resp: 334362

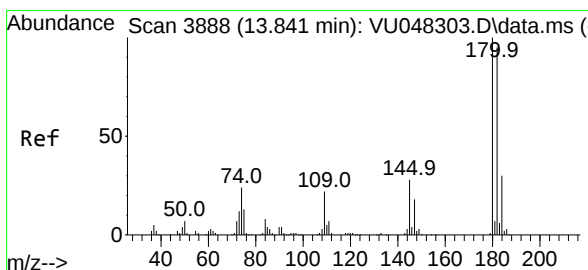
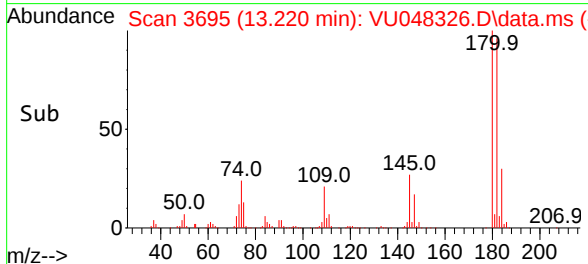
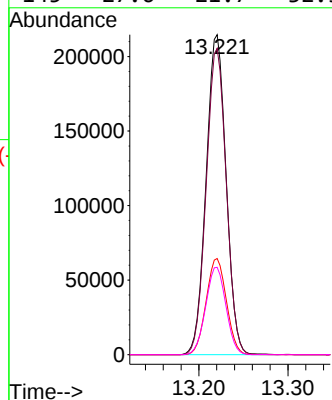
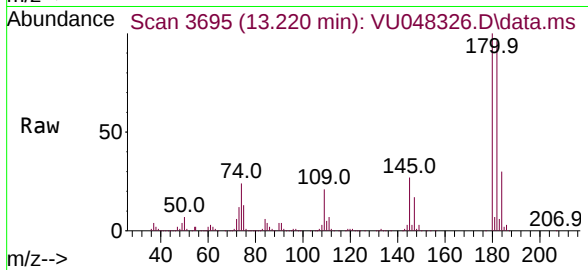
Ion Ratio Lower Upper

180 100

182 95.9 77.0 115.4

184 30.5 24.6 37.0

145 27.6 21.7 32.5



#70

1,2,4-trichlorobenzene

Concen: 61.721 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

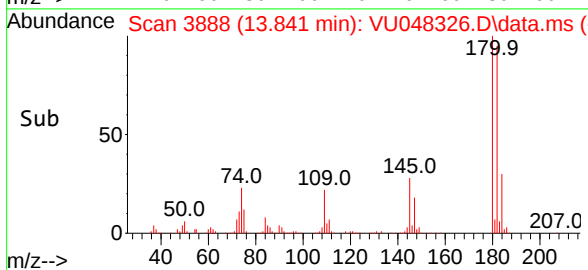
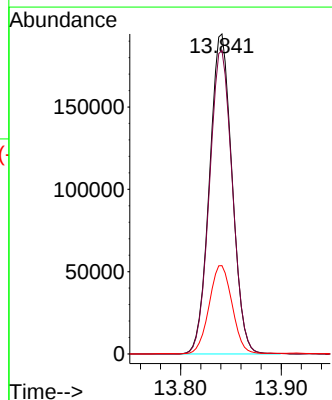
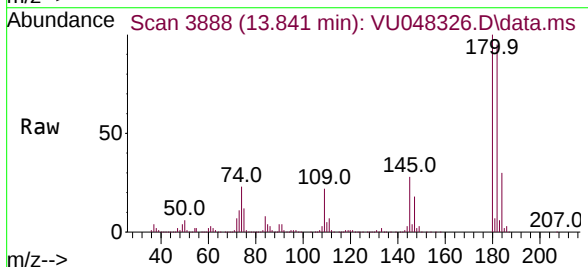
Tgt Ion:180 Resp: 303067

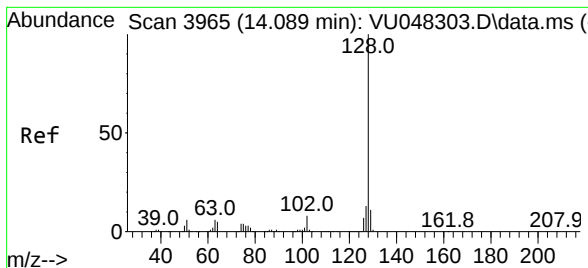
Ion Ratio Lower Upper

180 100

182 96.3 76.3 114.5

145 28.0 22.6 33.8





#71

Naphthalene

Concen: 77.818 ug/L

RT: 14.085 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Instrument :

MSVOA_U

ClientSampleId :

EXET1MSD

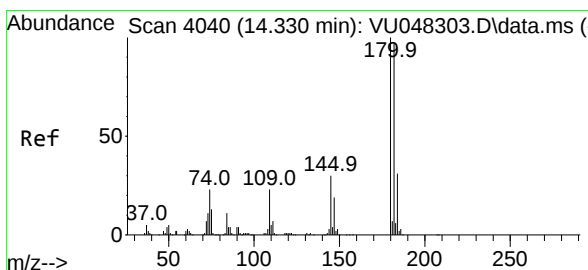
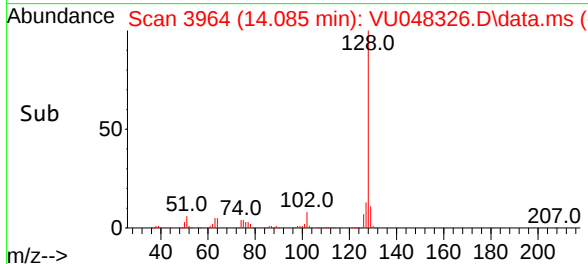
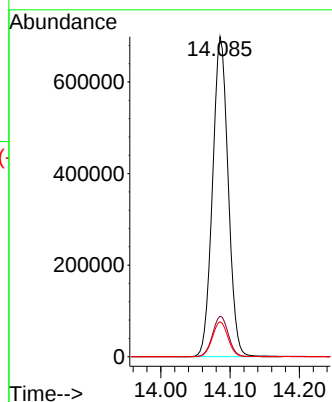
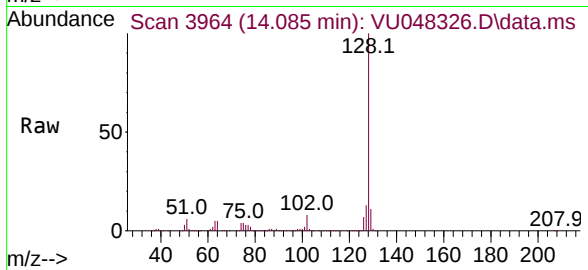
Tgt Ion:128 Resp: 1093533

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 60.357 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU048326.D

Acq: 27 Apr 2022 19:44

Tgt Ion:180 Resp: 303731

Ion Ratio Lower Upper

180 100

182 95.0 75.8 113.6

145 29.8 23.5 35.3

