

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045485.D
 Acq On : 01 Nov 2021 13:07
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	304515	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292121	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	143388	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	100598	40.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.180%
7) Chloroethane-d5	1.916	69	91587	46.111	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.220%
11) 1,1-Dichloroethene-d2	2.571	63	147196	33.440	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.880%
21) 2-Butanone-d5	4.629	46	217174	104.705	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.700%
24) Chloroform-d	5.067	84	204056	45.891	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.780%
26) 1,2-Dichloroethane-d4	5.706	65	141414	48.094	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.180%
32) Benzene-d6	5.732	84	421805	46.724	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.440%
36) 1,2-Dichloropropane-d6	6.694	67	139835	47.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.700%
41) Toluene-d8	7.899	98	368461	46.786	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.580%
43) trans-1,3-Dichloroprop...	8.182	79	64181	46.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.500%
47) 2-Hexanone-d5	8.632	63	153959	98.702	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.700%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	208878	47.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	139783	48.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	6164	2.291	ug/L	99
3) Chloromethane	1.520	50	8186	2.520	ug/L	100
5) Vinyl chloride	1.607	62	7827	2.562	ug/L	83
6) Bromomethane	1.861	94	4265	2.713	ug/L	91
8) Chloroethane	1.935	64	5057	2.803	ug/L	94
9) Trichlorofluoromethane	2.144	101	8982	2.485	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	6357	2.886	ug/L #	85
12) 1,1-Dichloroethene	2.584	96	6086	2.928	ug/L #	1
13) Acetone	2.642	43	9084	5.340	ug/L	97
14) Carbon disulfide	2.797	76	14726	2.478	ug/L	99
15) Methyl Acetate	2.957	43	7998	2.783	ug/L	96
16) Methylene chloride	3.051	84	7016	2.735	ug/L	97
17) trans-1,2-Dichloroethene	3.359	96	5540	2.491	ug/L	92
18) Methyl tert-butyl Ether	3.369	73	19298	2.475	ug/L	99
19) 1,1-Dichloroethane	3.877	63	11225	2.533	ug/L	95
20) cis-1,2-Dichloroethene	4.668	96	6330	2.495	ug/L	95
22) 2-Butanone	4.716	43	11145	4.797	ug/L	100
23) Bromochloromethane	4.980	128	3075	2.518	ug/L	97
25) Chloroform	5.096	83	12037	2.714	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
 Data File : VU045485.D
 Acq On : 01 Nov 2021 13:07
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:46:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 02 02:33:37 2021
 Response via : Initial Calibration

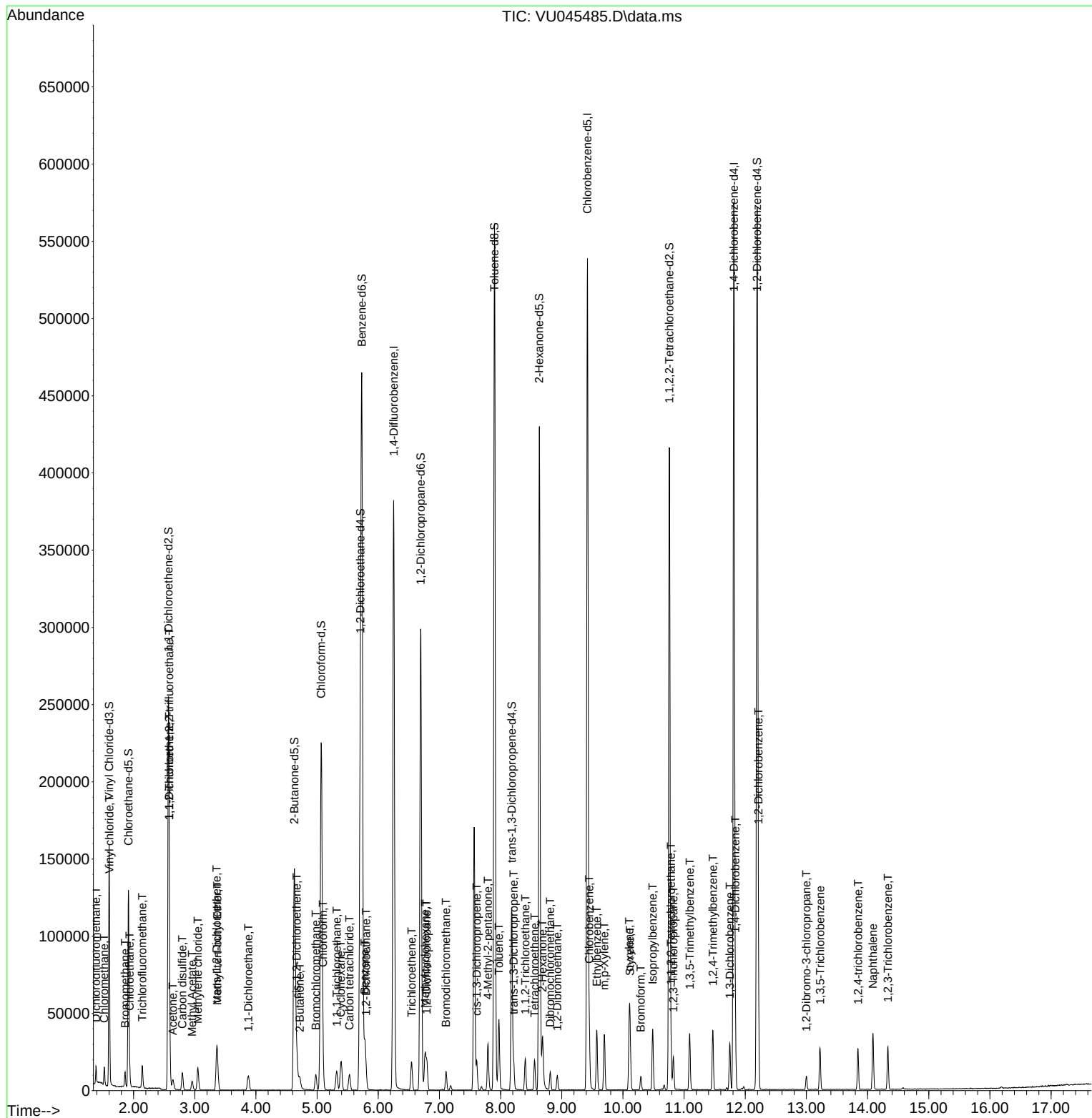
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	9792	2.699	ug/L	99
29) Cyclohexane	5.391	56	9736	2.325	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	9077	2.447	ug/L #	85
31) Carbon tetrachloride	5.530	117	6906	2.355	ug/L	100
33) Benzene	5.777	78	24836	2.451	ug/L	100
34) Trichloroethene	6.546	95	6047	2.486	ug/L	94
35) Methylcyclohexane	6.767	83	9655	2.284	ug/L	98
37) 1,2-Dichloropropane	6.793	63	6410	2.383	ug/L #	92
38) Bromodichloromethane	7.108	83	8035	2.376	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	9839	2.391	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	19327	4.868	ug/L	99
42) Toluene	7.973	91	31154	2.955	ug/L	97
44) trans-1,3-Dichloropropene	8.214	75	10133	2.611	ug/L	87
45) 1,1,2-Trichloroethane	8.404	97	6091	2.438	ug/L	92
46) Tetrachloroethene	8.558	164	4038	2.340	ug/L	95
48) 2-Hexanone	8.687	43	19629	5.936	ug/L	98
49) Dibromochloromethane	8.812	129	6011	2.497	ug/L	94
50) 1,2-Dibromoethane	8.928	107	6467	2.467	ug/L #	97
51) Chlorobenzene	9.449	112	16223	2.546	ug/L	97
52) Ethylbenzene	9.574	91	27519	2.461	ug/L	96
53) m,p-Xylene	9.697	106	10384	2.426	ug/L	97
54) o-xylene	10.102	106	9622	2.270	ug/L	95
55) Styrene	10.118	104	15902	2.233	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	11558	2.604	ug/L	96
59) Bromoform	10.291	173	3884	2.349	ug/L #	98
60) 1,2,3-Trichloropropane	10.825	75	9322	2.640	ug/L	96
61) Isopropylbenzene	10.488	105	25553	2.411	ug/L	97
62) 1,3,5-Trimethylbenzene	11.092	105	20144	2.231	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	20691	2.255	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	11951	2.550	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	12153	2.563	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	12424	2.561	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	2453	2.379	ug/L	98
69) 1,3,5-Trichlorobenzene	13.224	180	8450	2.444	ug/L	96
70) 1,2,4-trichlorobenzene	13.844	180	7786	2.465	ug/L	98
71) Naphthalene	14.089	128	28316	2.352	ug/L	99
72) 1,2,3-Trichlorobenzene	14.333	180	8134	2.516	ug/L	98

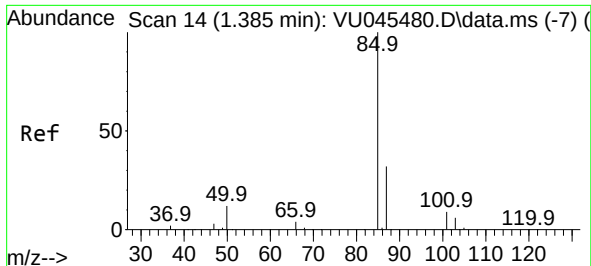
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110121\
Data File : VU045485.D
Acq On : 01 Nov 2021 13:07
Operator : SY/MD
Sample : MDL04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 02 02:46:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Nov 02 02:33:37 2021
Response via : Initial Calibration

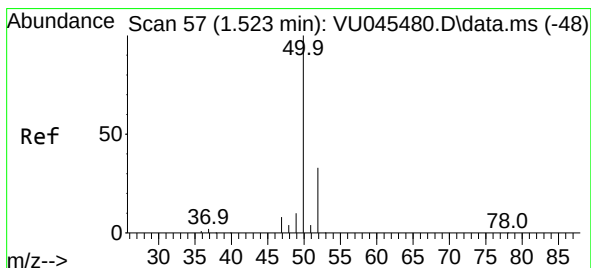
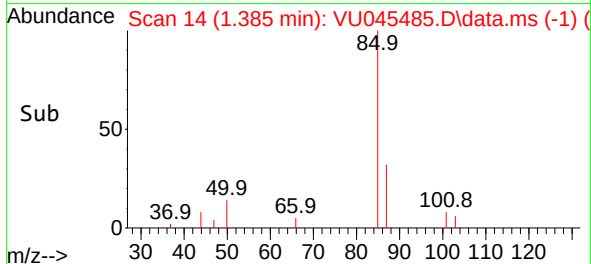
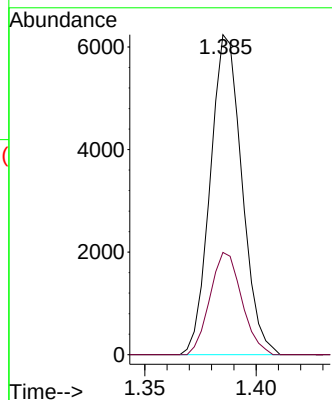
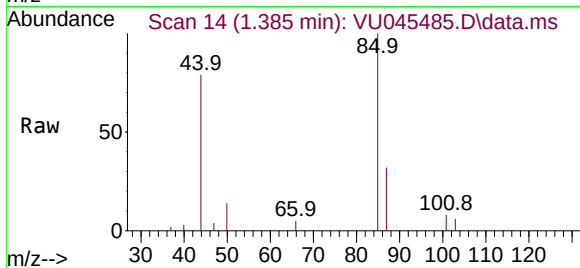




#2
Dichlorodifluoromethane
Concen: 2.291 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

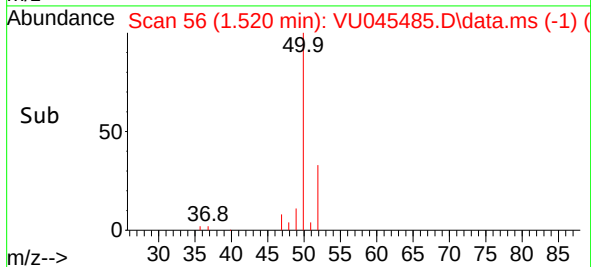
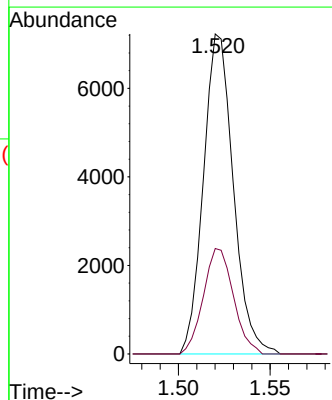
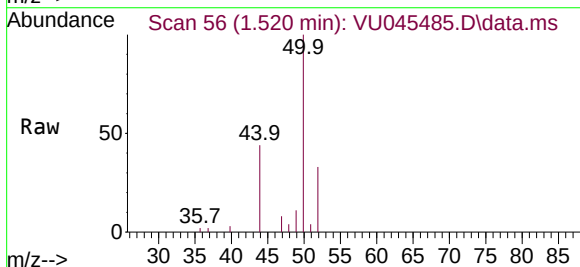
Instrument :
MSVOA_U
ClientSampleId :

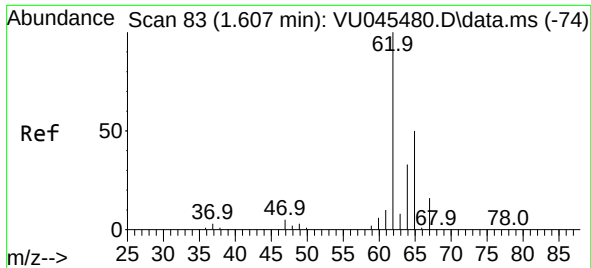
Tgt Ion: 85 Resp: 6164
Ion Ratio Lower Upper
85 100
87 32.1 26.0 39.0



#3
Chloromethane
Concen: 2.520 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 50 Resp: 8186
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.2

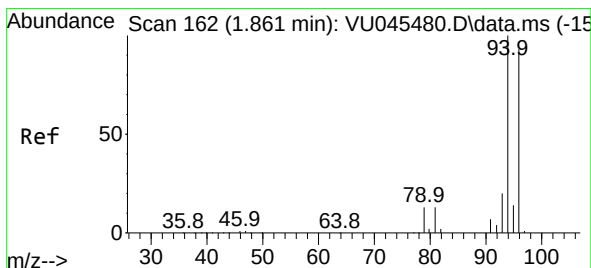
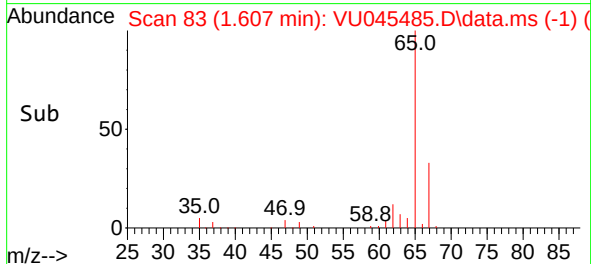
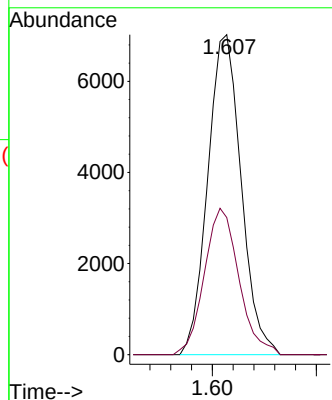
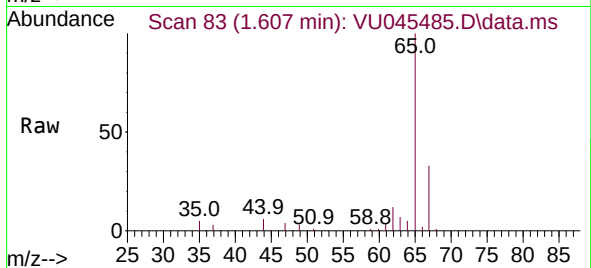




#5
 Vinyl chloride
 Concen: 2.562 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045485.D
 Acq: 01 Nov 2021 13:07

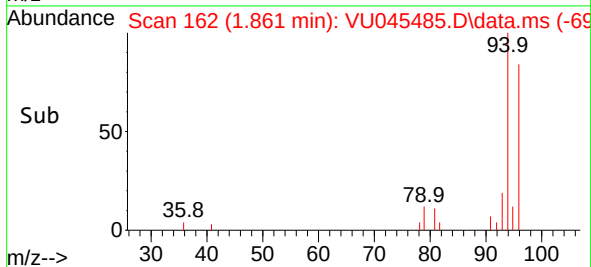
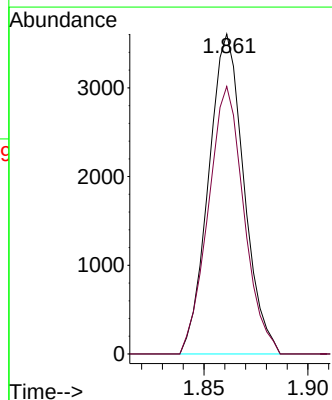
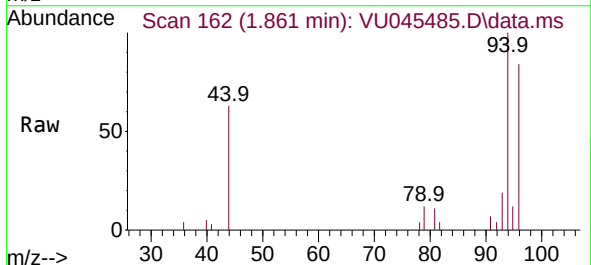
Instrument :
 MSVOA_U
 ClientSampleId :

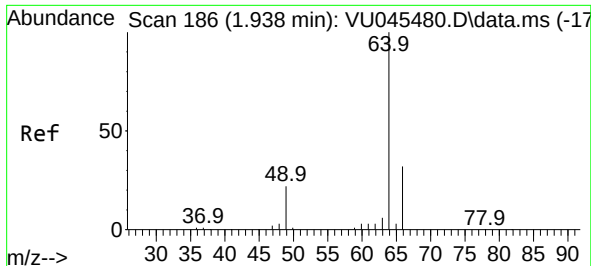
Tgt Ion: 62 Resp: 7827
 Ion Ratio Lower Upper
 62 100
 64 42.9 23.3 43.3



#6
 Bromomethane
 Concen: 2.713 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045485.D
 Acq: 01 Nov 2021 13:07

Tgt Ion: 94 Resp: 4265
 Ion Ratio Lower Upper
 94 100
 96 83.6 64.9 120.5

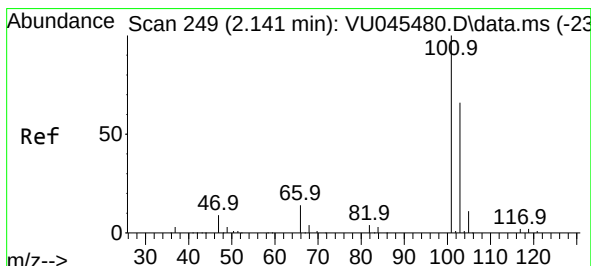
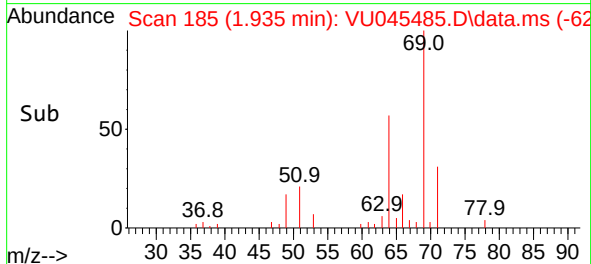
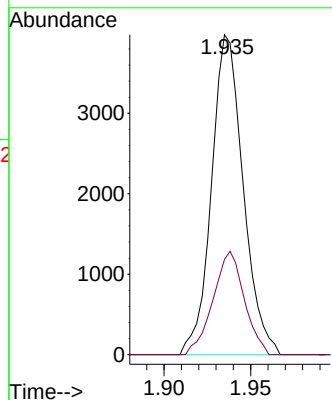
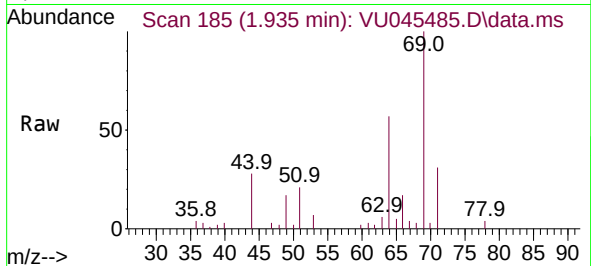




#8
Chloroethane
Concen: 2.803 ug/L
RT: 1.935 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

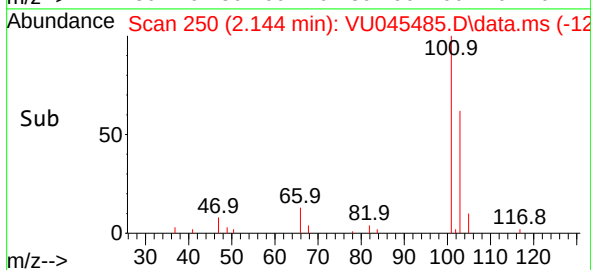
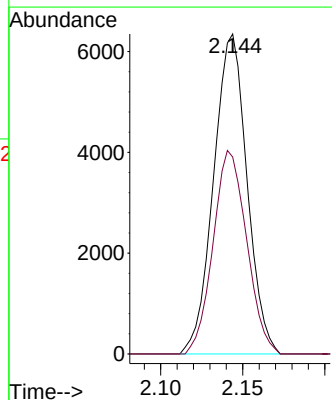
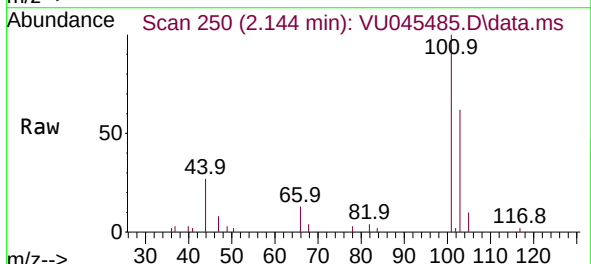
Instrument :
MSVOA_U
ClientSampleId :

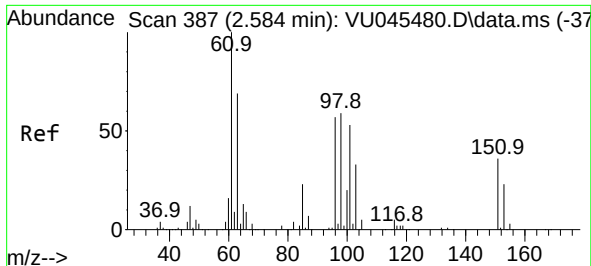
Tgt Ion: 64 Resp: 5057
Ion Ratio Lower Upper
64 100
66 29.8 23.2 43.2



#9
Trichlorofluoromethane
Concen: 2.485 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.003 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion:101 Resp: 8982
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.2





#10

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

Concen: 2.886 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

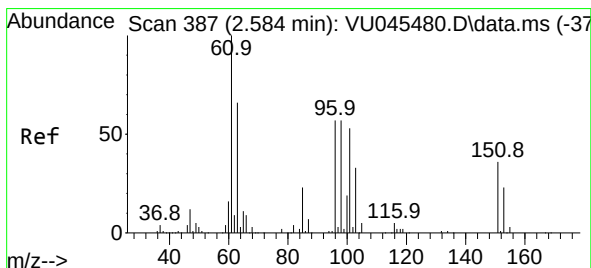
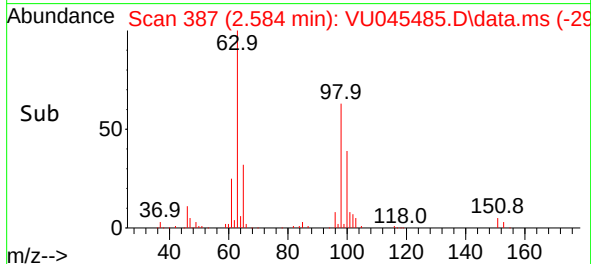
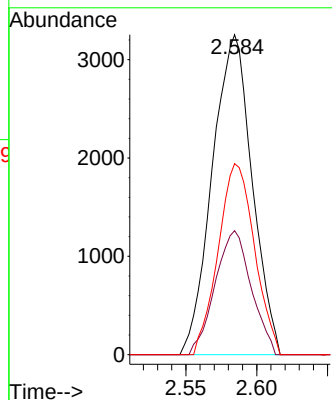
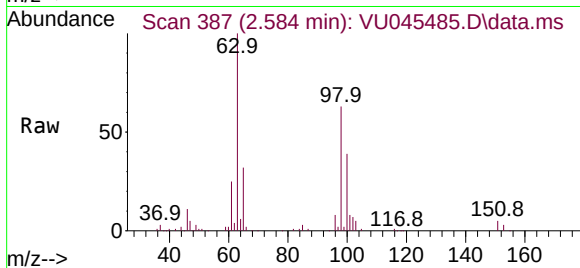
Tgt Ion:101 Resp: 6357

Ion Ratio Lower Upper

101 100

85 35.1 34.8 52.2

151 54.5 54.6 81.8#



#12

1,1-Dichloroethene

Concen: 2.928 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

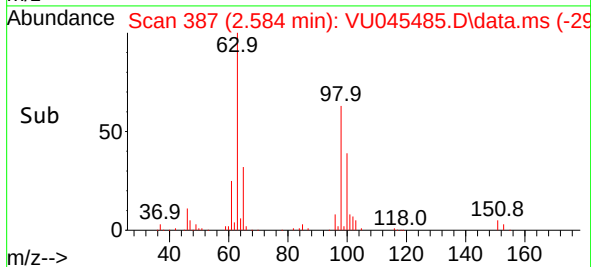
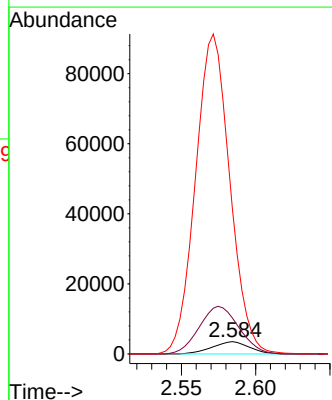
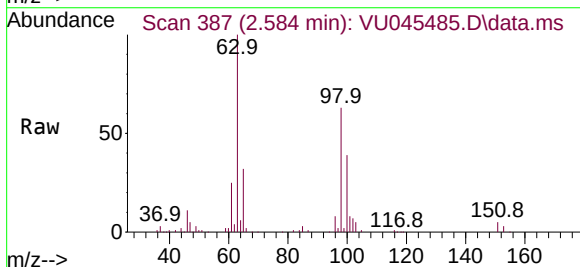
Tgt Ion: 96 Resp: 6086

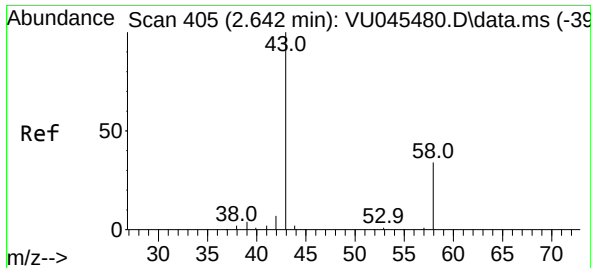
Ion Ratio Lower Upper

96 100

61 292.6 126.3 234.5#

63 1183.5 89.2 165.8#





#13

Acetone

Concen: 5.340 ug/L

RT: 2.642 min Scan# 405

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

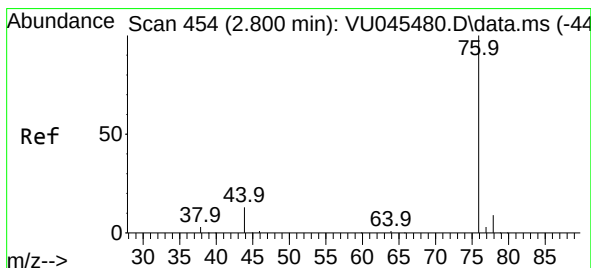
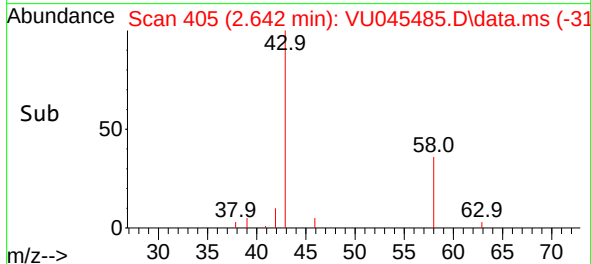
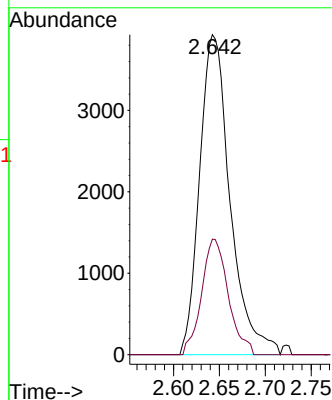
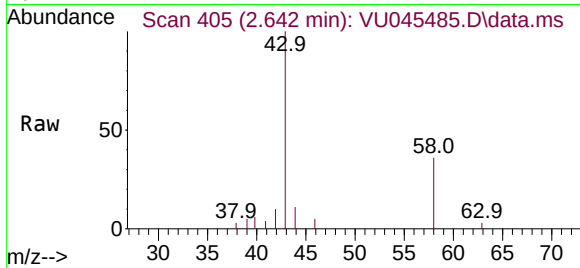
ClientSampleId :

Tgt Ion: 43 Resp: 9084

Ion Ratio Lower Upper

43 100

58 31.6 0.0 66.2



#14

Carbon disulfide

Concen: 2.478 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045485.D

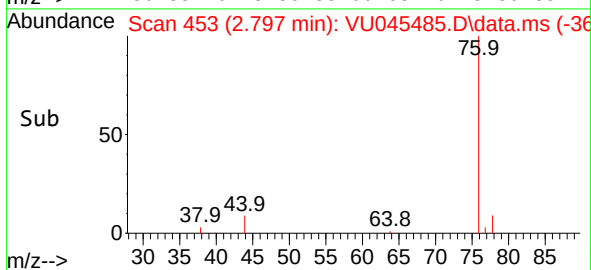
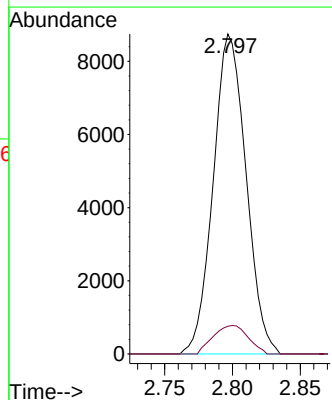
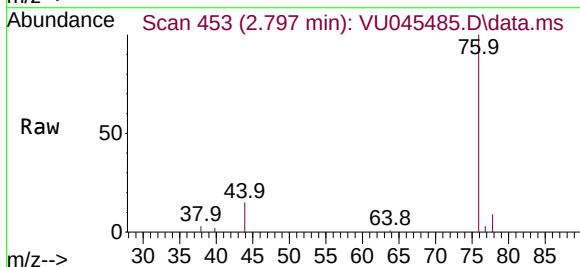
Acq: 01 Nov 2021 13:07

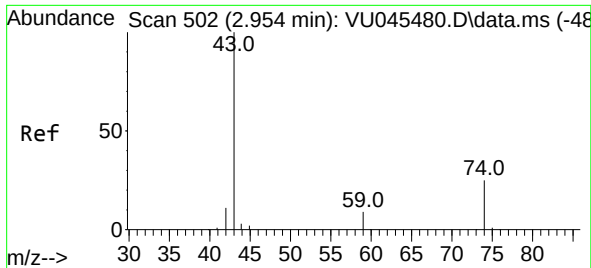
Tgt Ion: 76 Resp: 14726

Ion Ratio Lower Upper

76 100

78 8.7 7.3 10.9

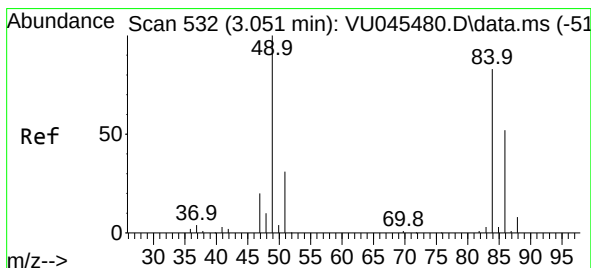
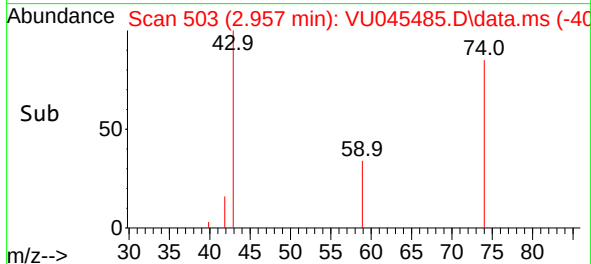
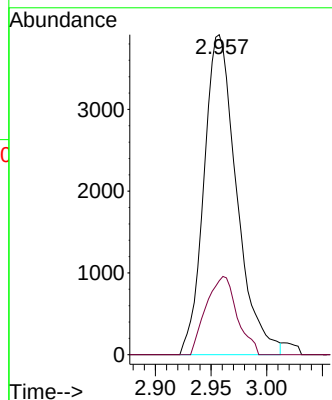
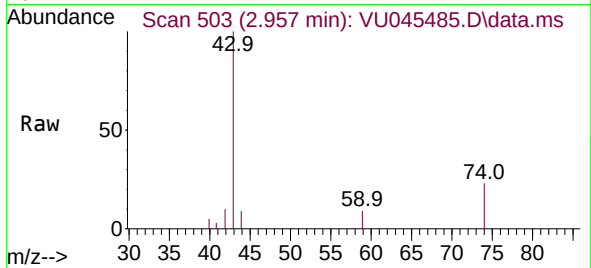




#15
Methyl Acetate
Concen: 2.783 ug/L
RT: 2.957 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

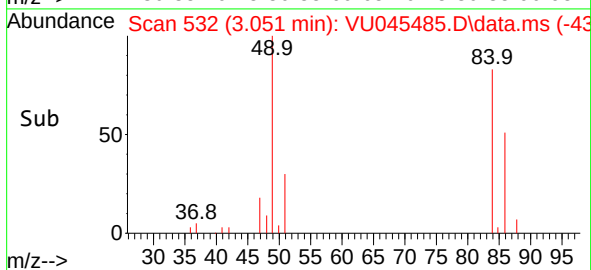
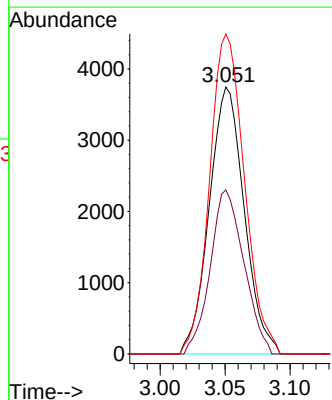
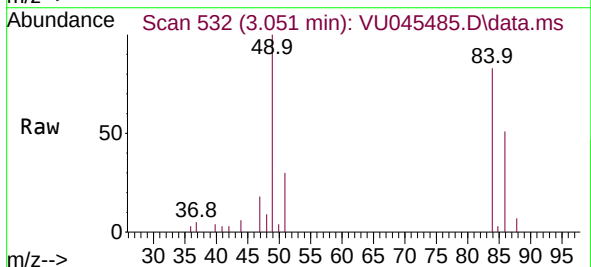
Instrument :
MSVOA_U
ClientSampleId :

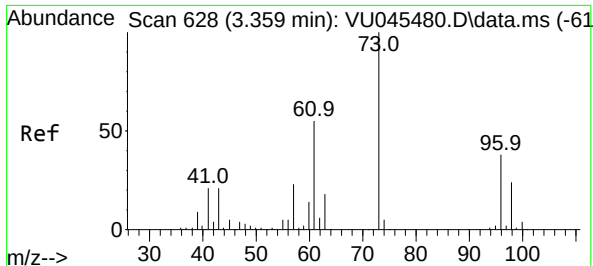
Tgt Ion: 43 Resp: 7998
Ion Ratio Lower Upper
43 100
74 23.1 20.0 30.0



#16
Methylene chloride
Concen: 2.735 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 84 Resp: 7016
Ion Ratio Lower Upper
84 100
86 61.5 45.8 85.2
49 119.9 85.9 159.5





#17

trans-1,2-Dichloroethene

Concen: 2.491 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

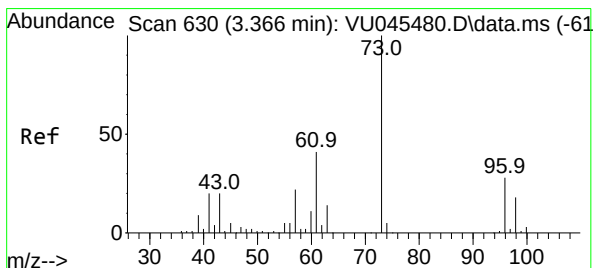
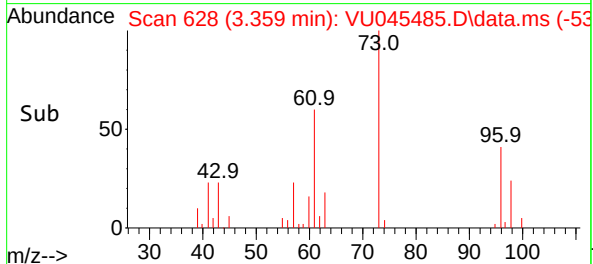
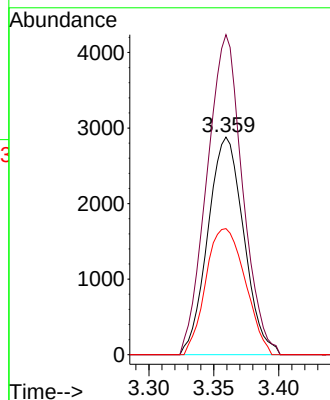
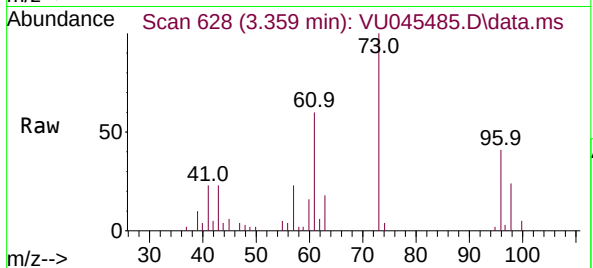
Tgt Ion: 96 Resp: 5540

Ion Ratio Lower Upper

96 100

61 138.4 101.8 189.2

98 54.6 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 2.475 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.003 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

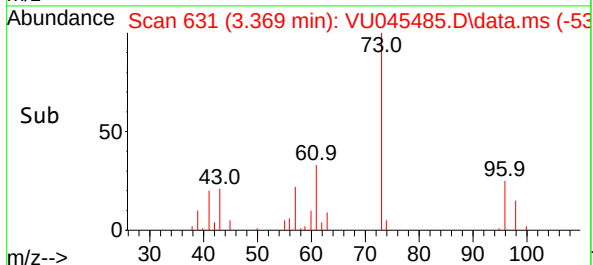
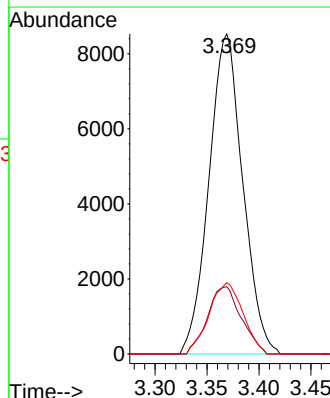
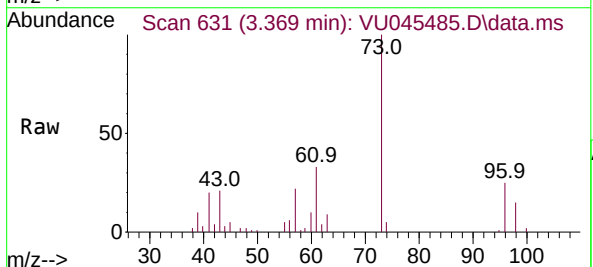
Tgt Ion: 73 Resp: 19298

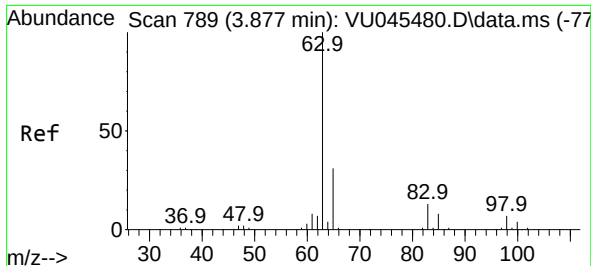
Ion Ratio Lower Upper

73 100

43 21.0 16.2 24.4

57 22.3 18.1 27.1





#19

1,1-Dichloroethane

Concen: 2.533 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

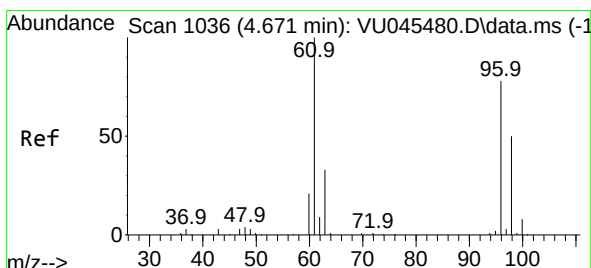
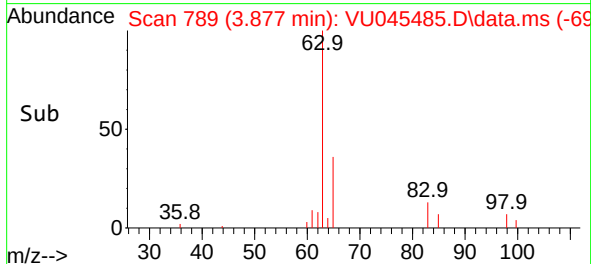
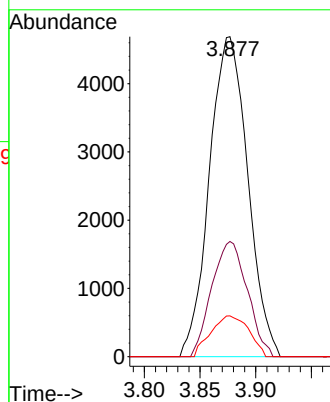
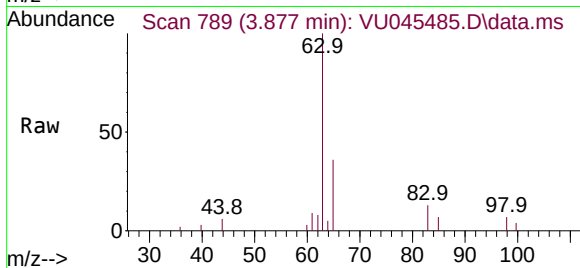
Tgt Ion: 63 Resp: 11225

Ion Ratio Lower Upper

63 100

65 36.0 22.4 41.6

83 12.8 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 2.495 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

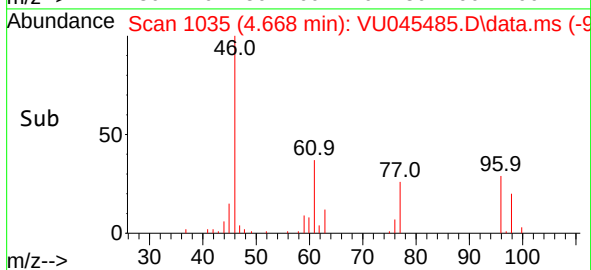
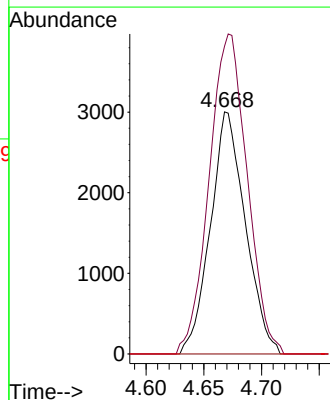
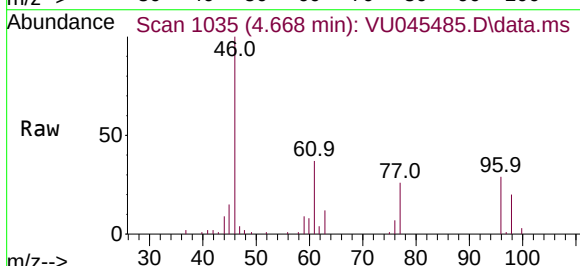
Tgt Ion: 96 Resp: 6330

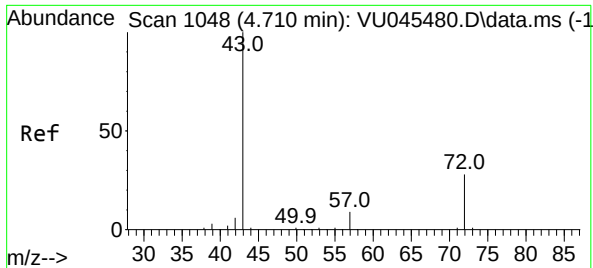
Ion Ratio Lower Upper

96 100

61 127.1 92.8 172.4

68 0.0 0.0 0.0

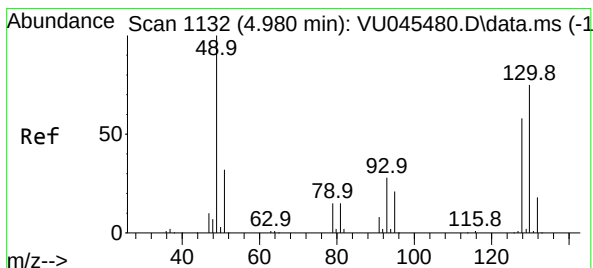
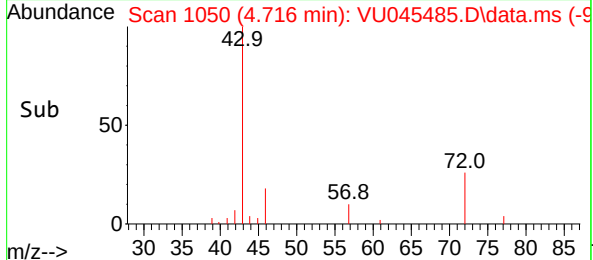
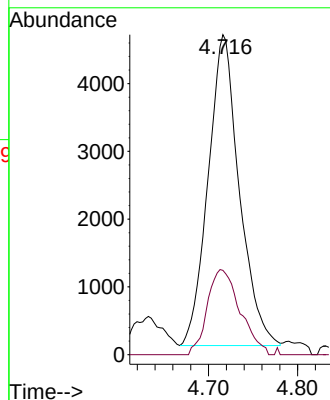
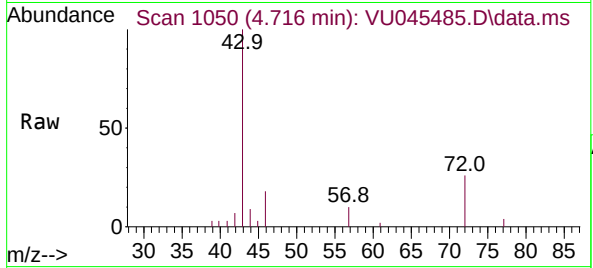




#22
2-Butanone
Concen: 4.797 ug/L
RT: 4.716 min Scan# 1048
Delta R.T. 0.006 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

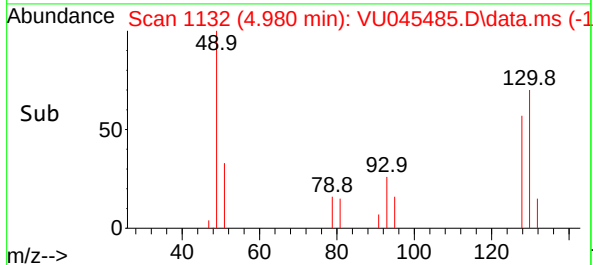
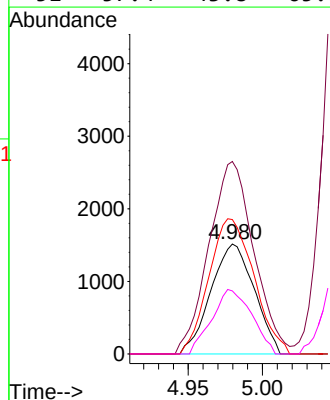
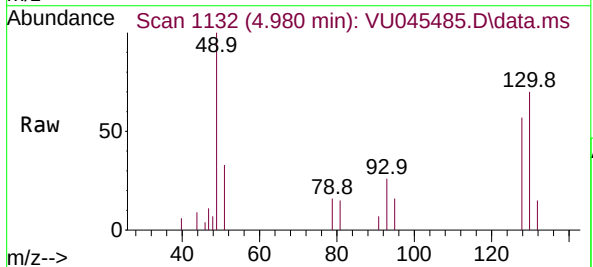
Instrument :
MSVOA_U
ClientSampleId :

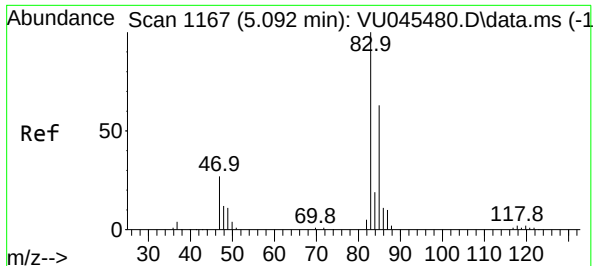
Tgt Ion: 43 Resp: 11145
Ion Ratio Lower Upper
43 100
72 28.7 14.4 43.2



#23
Bromochloromethane
Concen: 2.518 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 128 Resp: 3075
Ion Ratio Lower Upper
128 100
49 175.1 123.1 228.5
130 122.2 89.8 166.8
51 57.4 43.8 65.8





#25

Chloroform

Concen: 2.714 ug/L

RT: 5.096 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

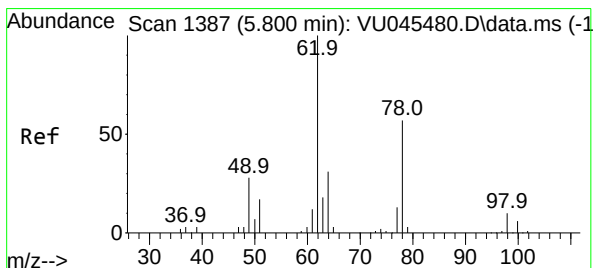
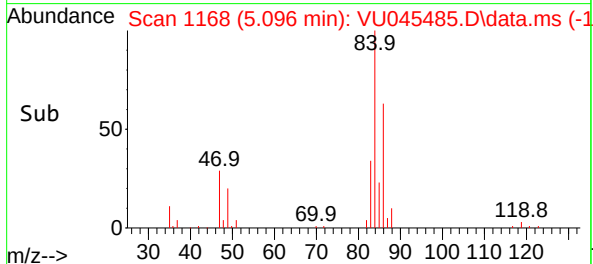
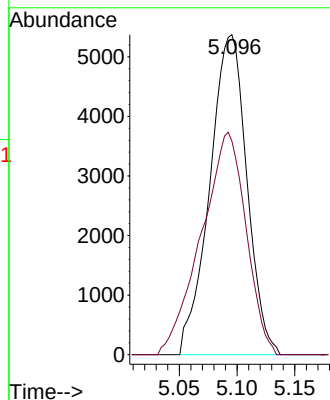
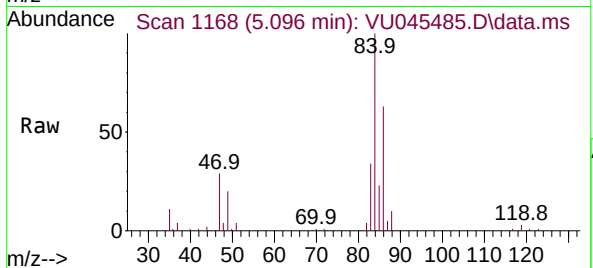
ClientSampleId :

Tgt Ion: 83 Resp: 12037

Ion Ratio Lower Upper

83 100

85 66.8 45.0 83.6



#27

1,2-Dichloroethane

Concen: 2.699 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045485.D

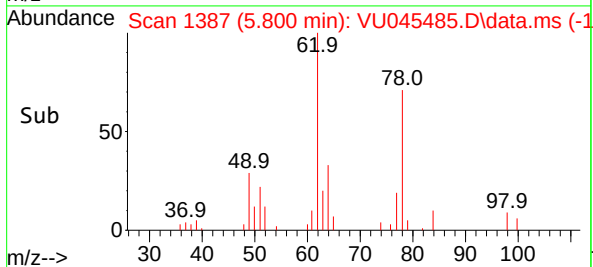
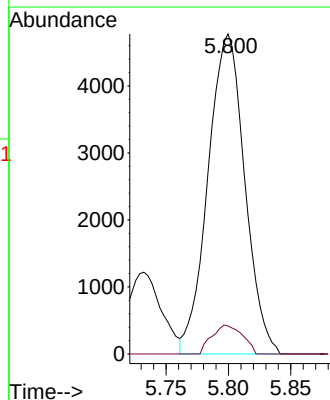
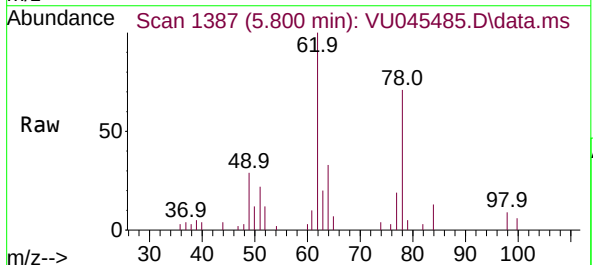
Acq: 01 Nov 2021 13:07

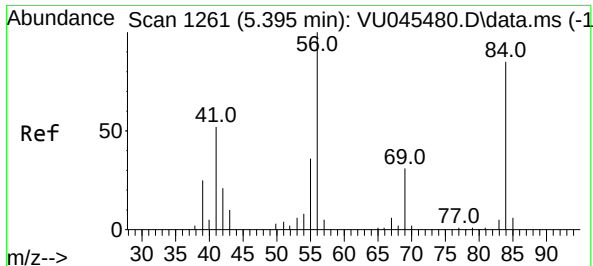
Tgt Ion: 62 Resp: 9792

Ion Ratio Lower Upper

62 100

98 8.8 7.4 11.0





#29

Cyclohexane

Concen: 2.325 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045485.D

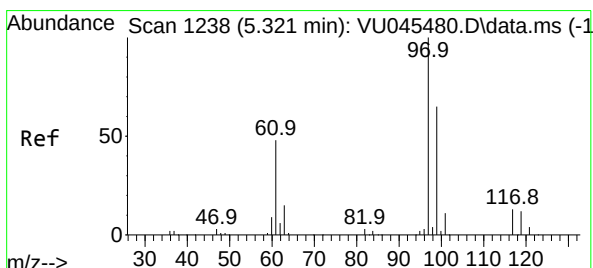
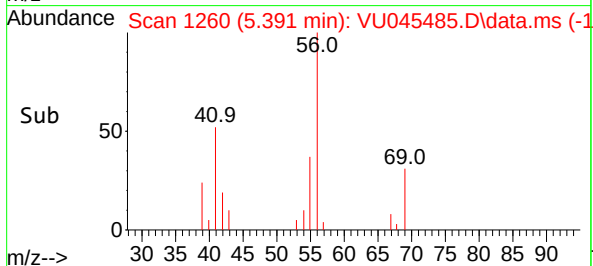
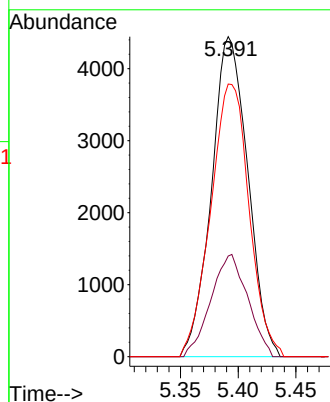
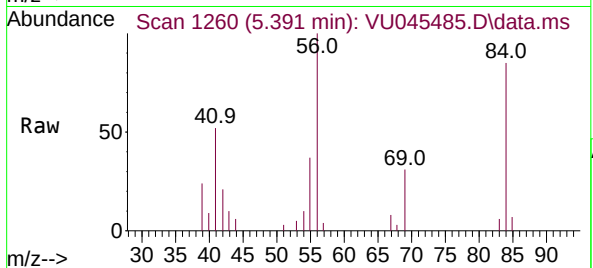
Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	56	Resp:	9736
Ion Ratio	Lower	Upper	
56	100		
69	32.3	25.0	37.4
84	89.9	69.9	104.9



#30

1,1,1-Trichloroethane

Concen: 2.447 ug/L

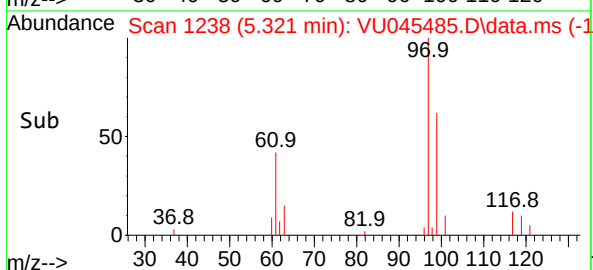
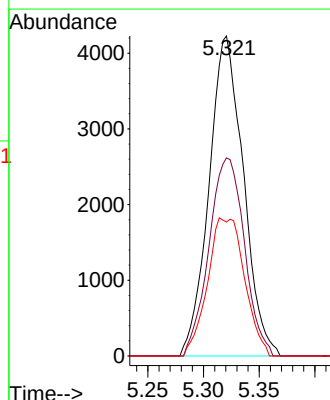
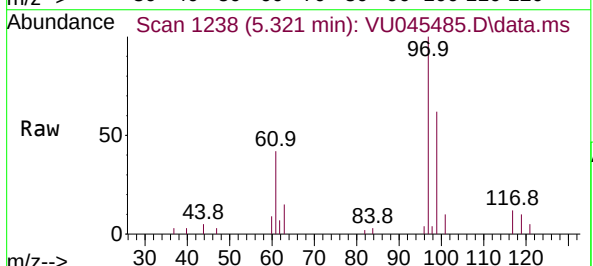
RT: 5.321 min Scan# 1238

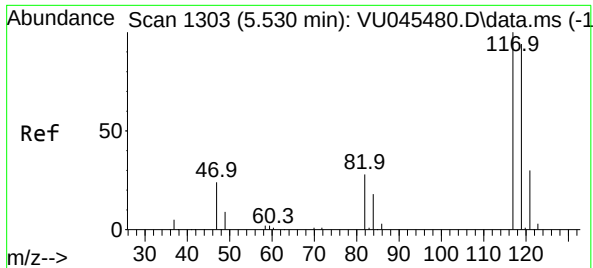
Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Tgt Ion:	97	Resp:	9077
Ion Ratio	Lower	Upper	
97	100		
99	63.8	51.3	76.9
61	25.1	38.8	58.2

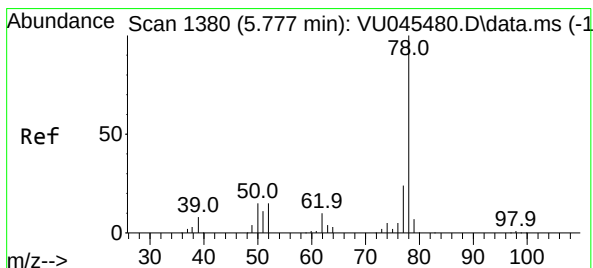
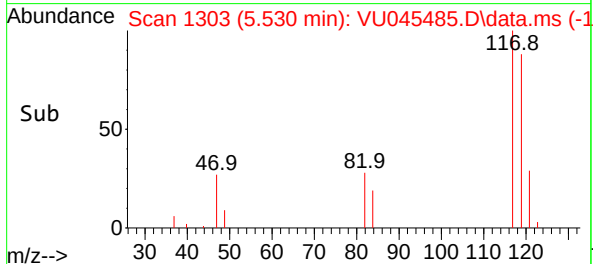
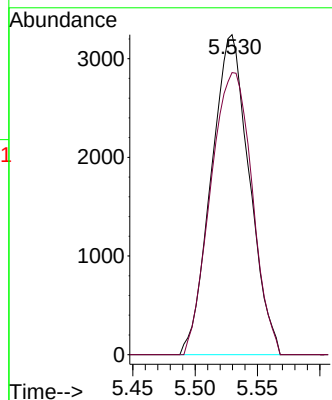
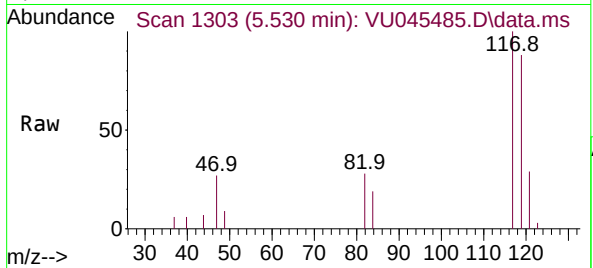




#31
Carbon tetrachloride
Concen: 2.355 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

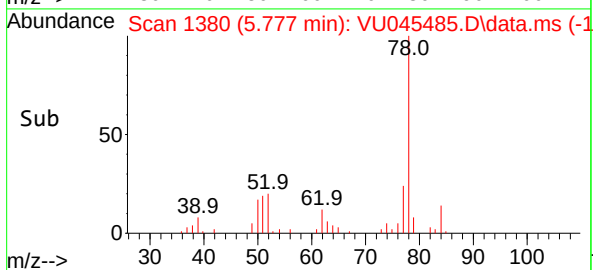
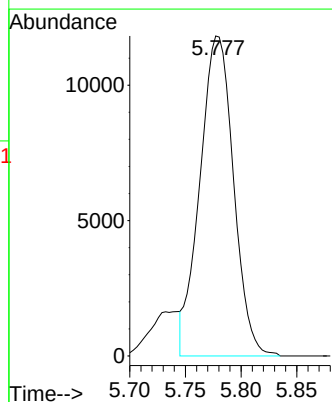
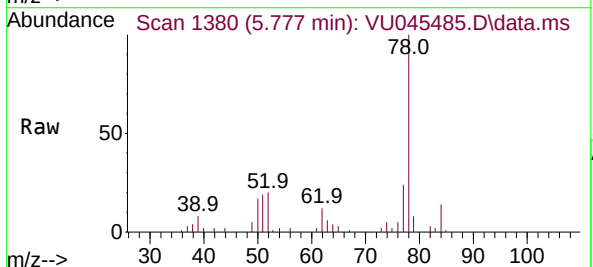
Instrument :
MSVOA_U
ClientSampleId :

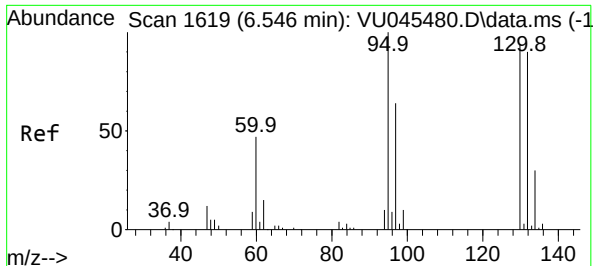
Tgt Ion:117 Resp: 6906
Ion Ratio Lower Upper
117 100
119 96.0 77.0 115.4



#33
Benzene
Concen: 2.451 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 78 Resp: 24836





#34

Trichloroethene

Concen: 2.486 ug/L

RT: 6.546 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 6047

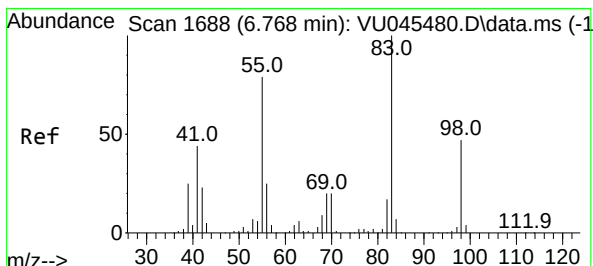
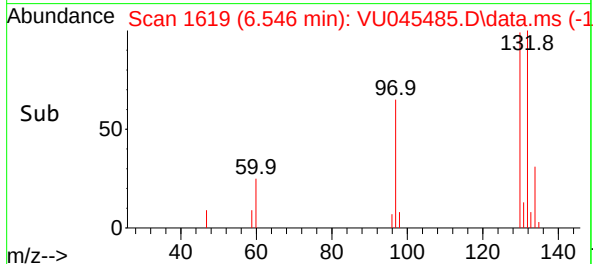
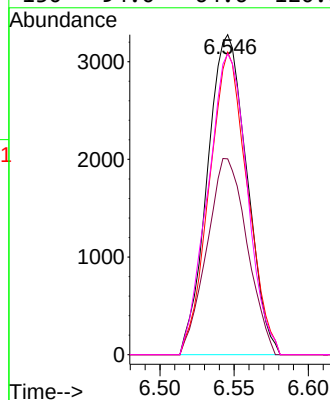
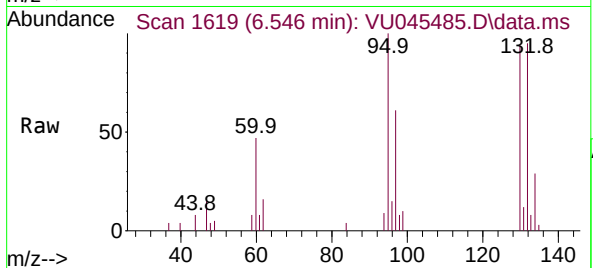
Ion Ratio Lower Upper

95 100

97 61.2 45.0 83.6

132 102.4 63.3 117.7

130 94.0 64.6 120.0



#35

Methylcyclohexane

Concen: 2.284 ug/L

RT: 6.767 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

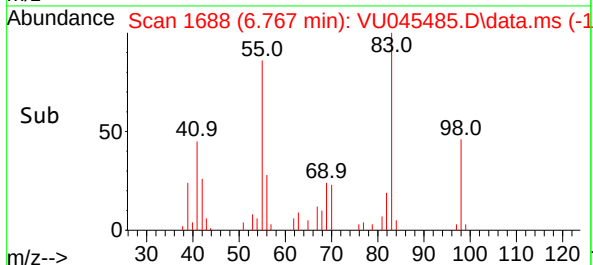
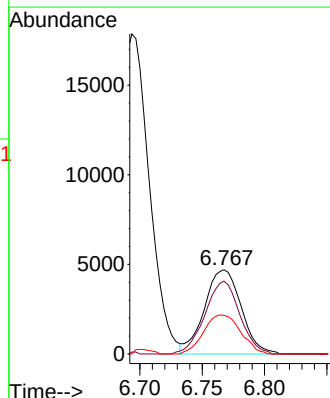
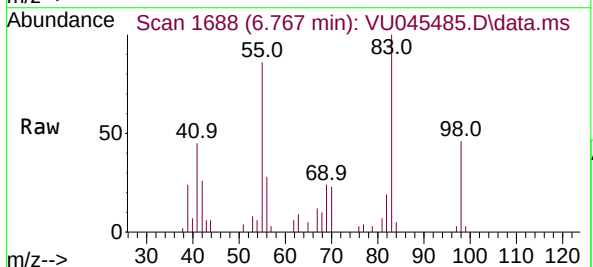
Tgt Ion: 83 Resp: 9655

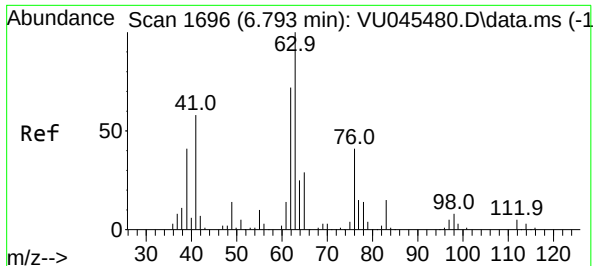
Ion Ratio Lower Upper

83 100

55 81.7 62.8 94.2

98 46.5 37.4 56.2





#37

1,2-Dichloropropane

Concen: 2.383 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

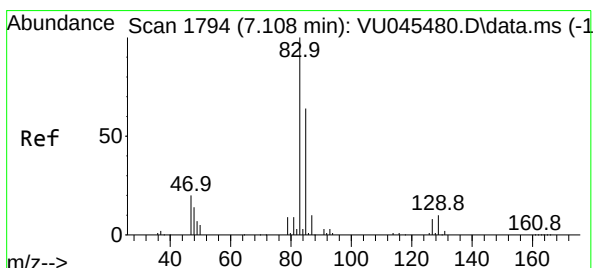
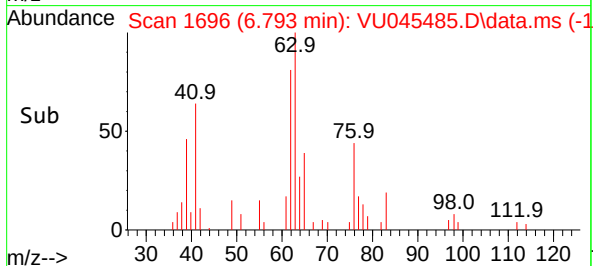
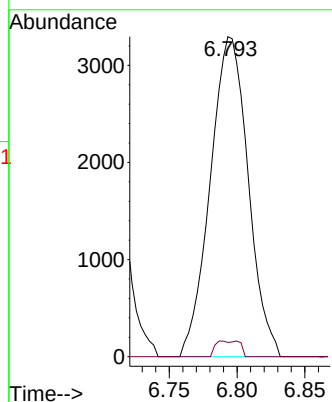
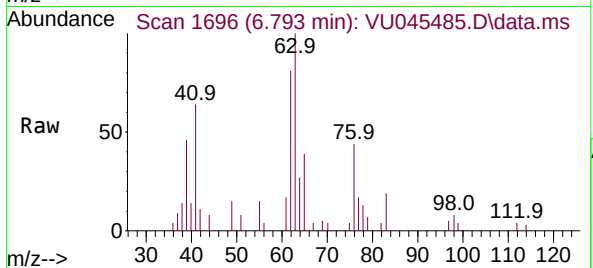
ClientSampleId :

Tgt Ion: 63 Resp: 6410

Ion Ratio Lower Upper

63 100

112 1.8 3.4 5.2#



#38

Bromodichloromethane

Concen: 2.376 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

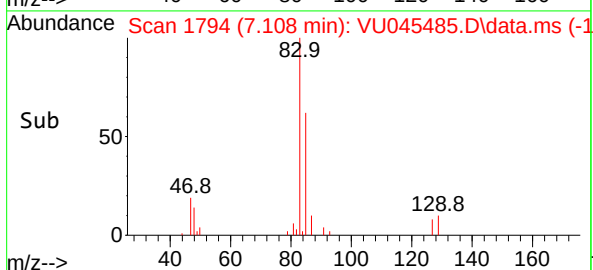
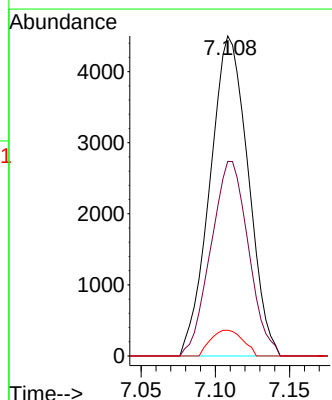
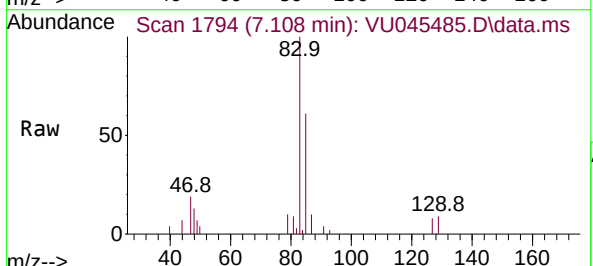
Tgt Ion: 83 Resp: 8035

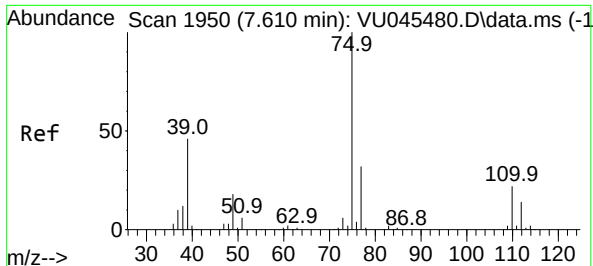
Ion Ratio Lower Upper

83 100

85 60.8 45.1 83.9

127 8.1 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 2.391 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

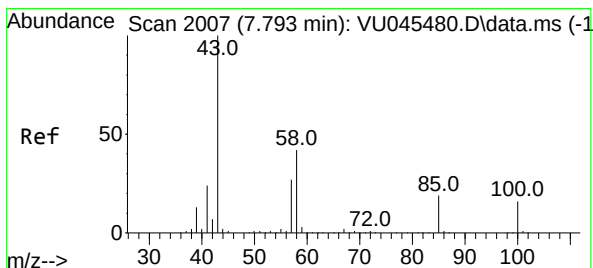
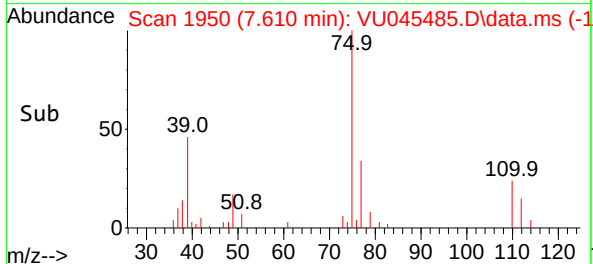
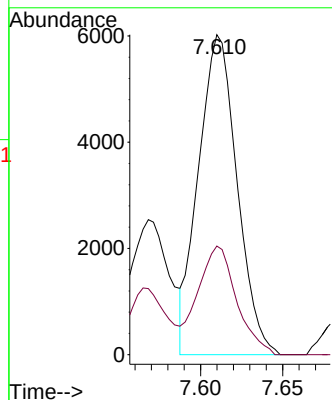
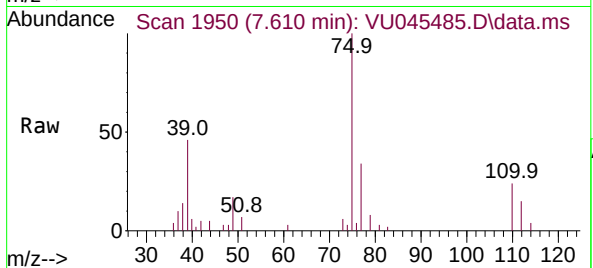
ClientSampleId :

Tgt Ion: 75 Resp: 9839

Ion Ratio Lower Upper

75 100

77 33.9 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 4.868 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

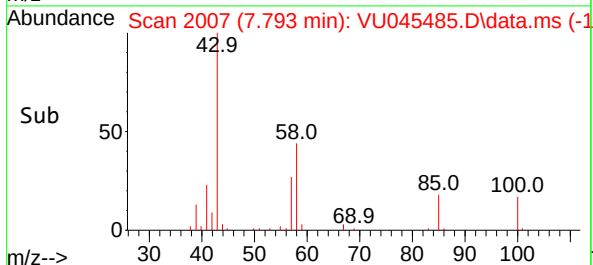
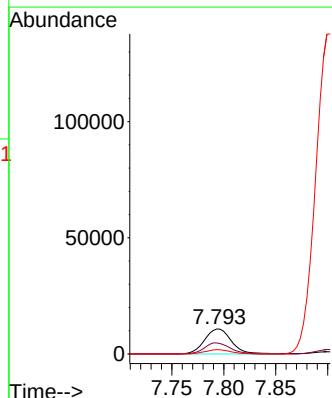
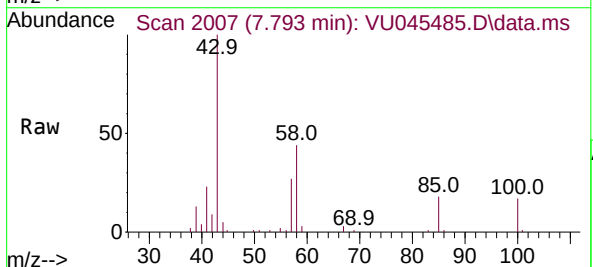
Tgt Ion: 43 Resp: 19327

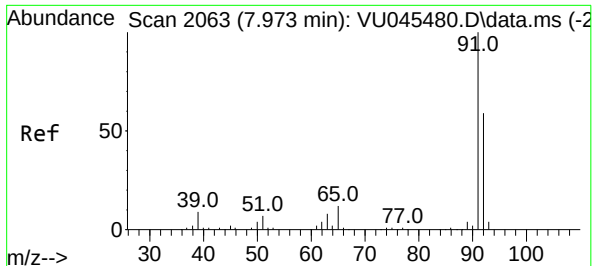
Ion Ratio Lower Upper

43 100

58 42.8 33.9 50.9

100 16.3 13.3 19.9

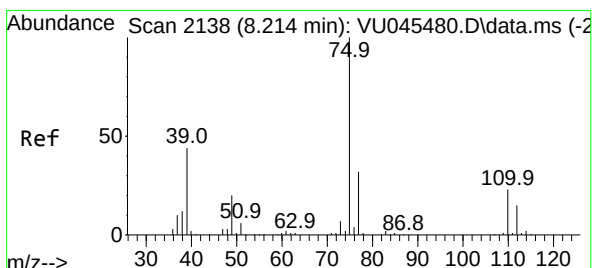
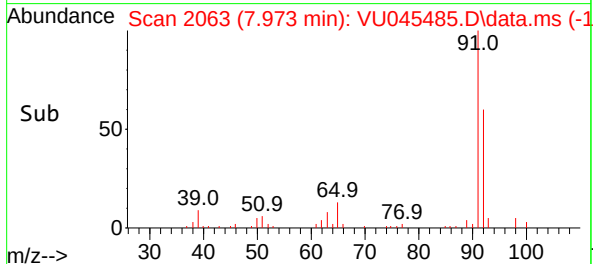
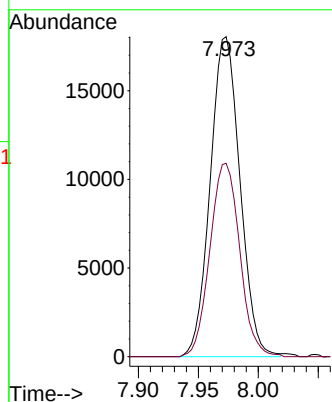
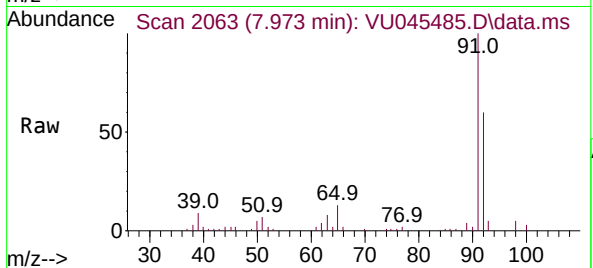




#42
Toluene
Concen: 2.955 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

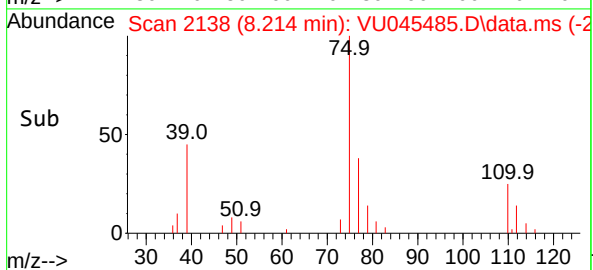
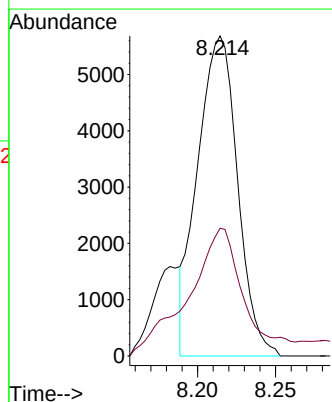
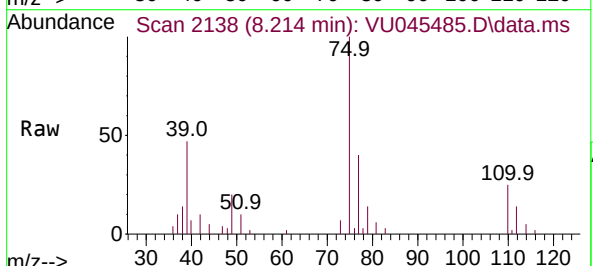
Instrument :
MSVOA_U
ClientSampleId :

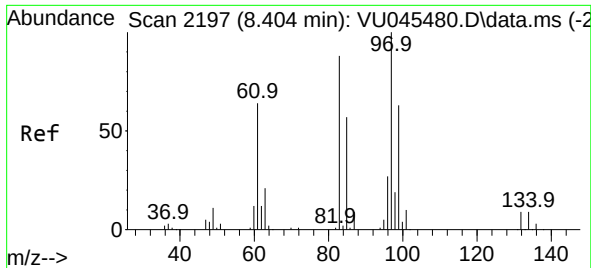
Tgt Ion: 91 Resp: 31154
Ion Ratio Lower Upper
91 100
92 60.5 40.7 75.7



#44
trans-1,3-Dichloropropene
Concen: 2.611 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 75 Resp: 10133
Ion Ratio Lower Upper
75 100
77 39.9 22.7 42.1

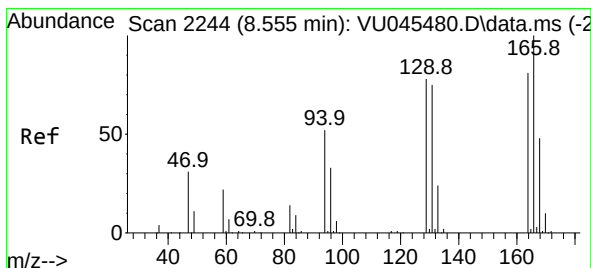
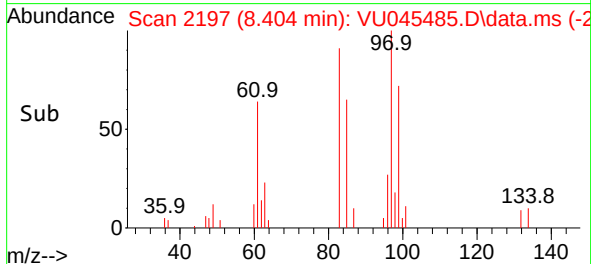
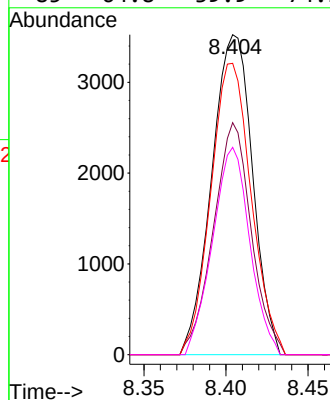
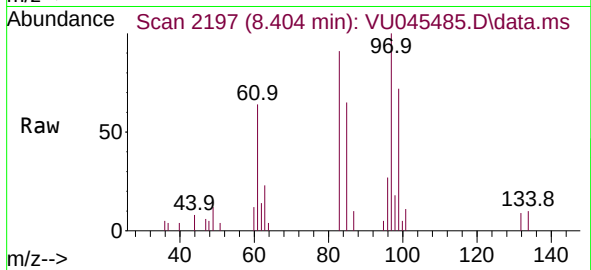




#45
1,1,2-Trichloroethane
Concen: 2.438 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

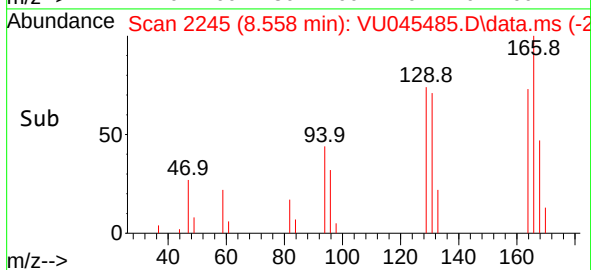
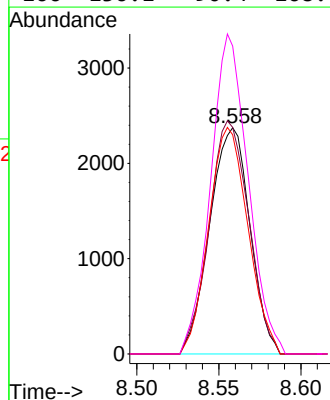
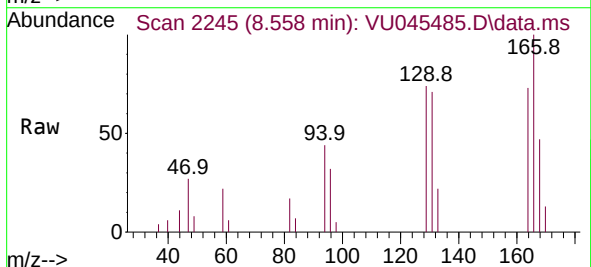
Instrument :
MSVOA_U
ClientSampleId :

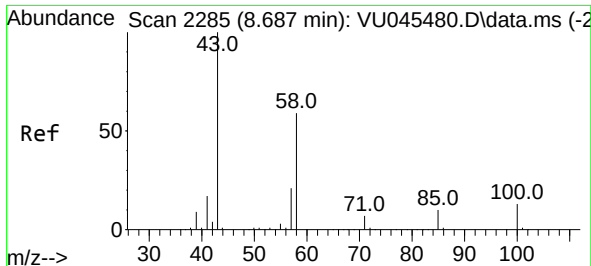
Tgt Ion:	97	Resp:	6091
Ion	Ratio	Lower	Upper
97	100		
99	72.5	44.7	82.9
83	91.1	61.5	114.1
85	64.8	39.9	74.1



#46
Tetrachloroethene
Concen: 2.340 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion:	164	Resp:	4038
Ion	Ratio	Lower	Upper
164	100		
129	100.1	66.8	124.2
131	96.9	65.6	121.8
166	136.1	90.4	168.0

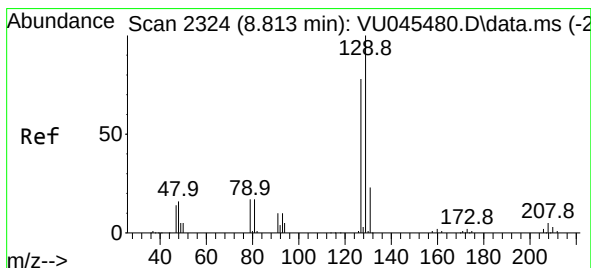
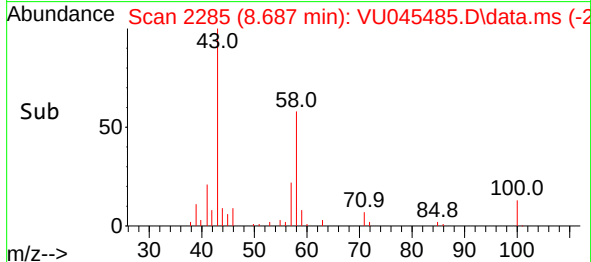
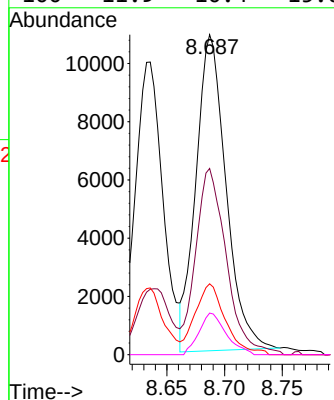
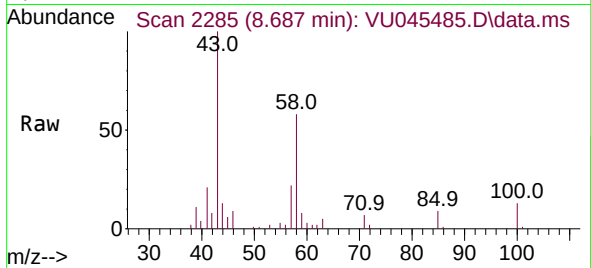




#48
2-Hexanone
Concen: 5.936 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

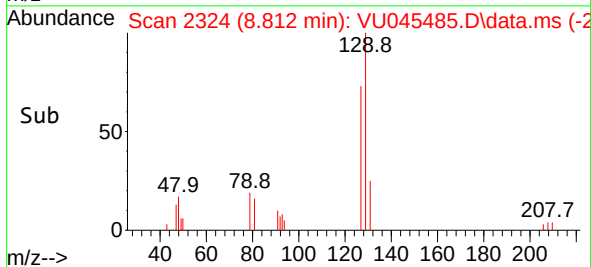
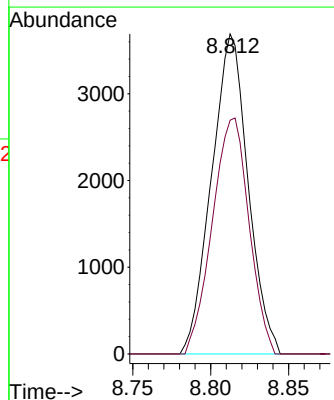
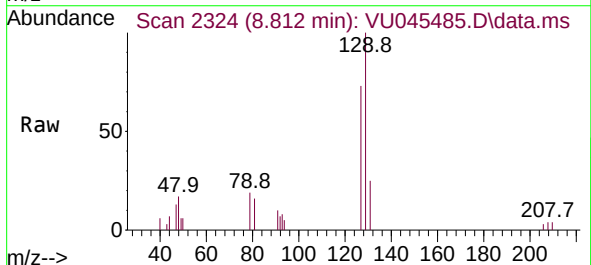
Instrument :
MSVOA_U
ClientSampleId :

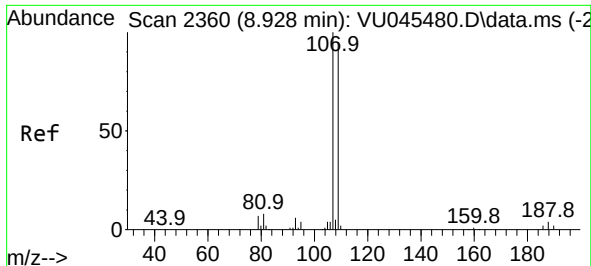
Tgt Ion: 43	Resp: 19629
Ion Ratio	Lower Upper
43	100
58	60.1 47.0 70.4
57	20.2 16.3 24.5
100	11.9 10.4 15.6



#49
Dibromochloromethane
Concen: 2.497 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 129	Resp: 6011
Ion Ratio	Lower Upper
129	100
127	73.1 54.9 101.9

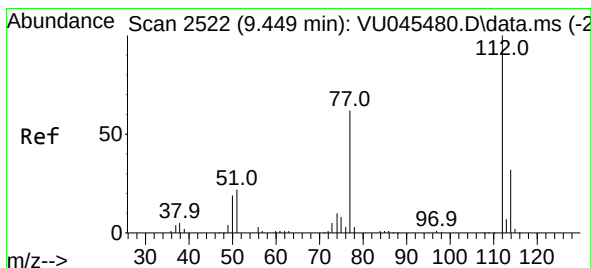
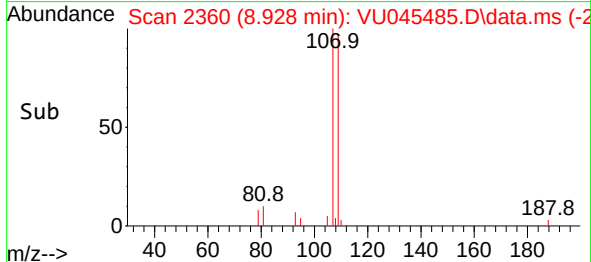
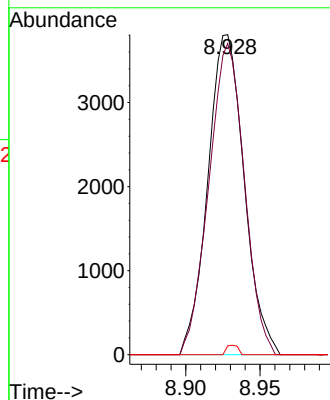
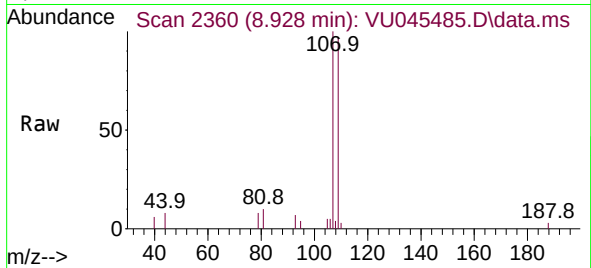




#50
1,2-Dibromoethane
Concen: 2.467 ug/L
RT: 8.928 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

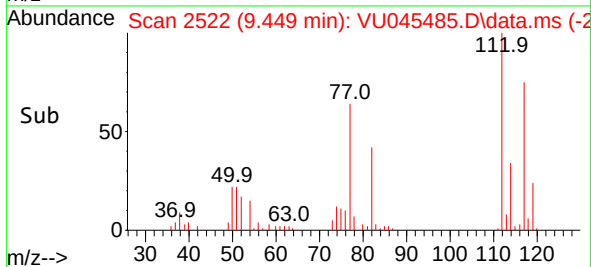
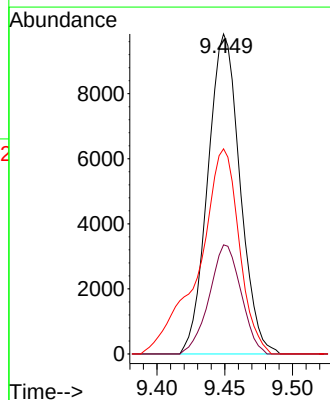
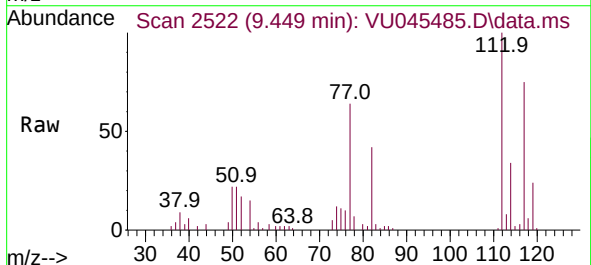
Instrument :
MSVOA_U
ClientSampleId :

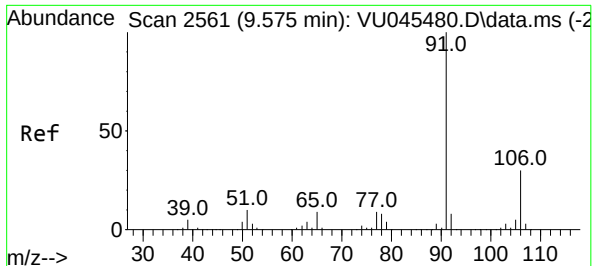
Tgt Ion:107 Resp: 6467
Ion Ratio Lower Upper
107 100
109 97.2 66.1 122.8
188 2.8 2.8 4.2#



#51
Chlorobenzene
Concen: 2.546 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion:112 Resp: 16223
Ion Ratio Lower Upper
112 100
114 34.1 22.5 41.7
77 64.1 49.8 74.6

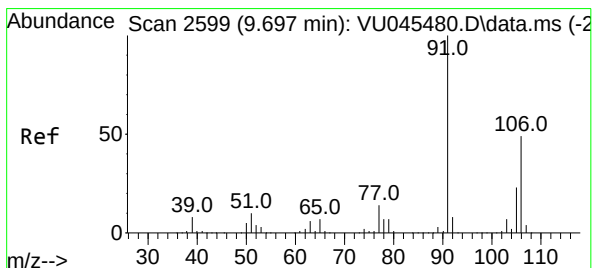
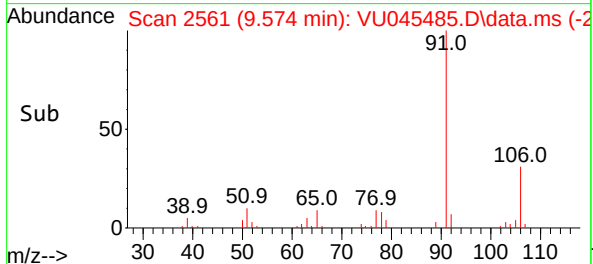
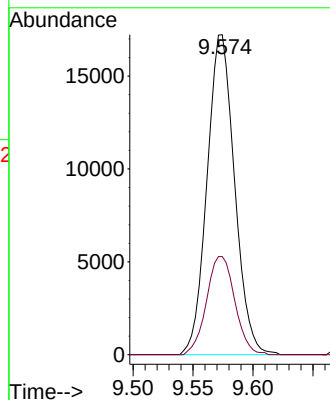
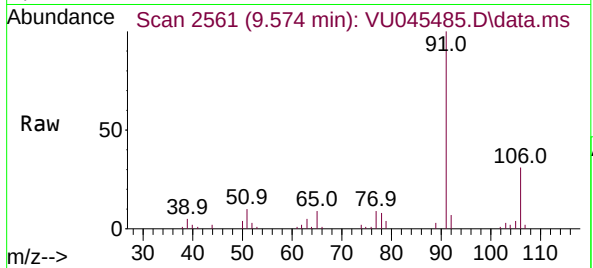




#52
Ethylbenzene
Concen: 2.461 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

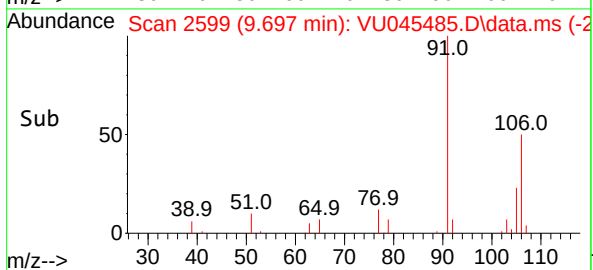
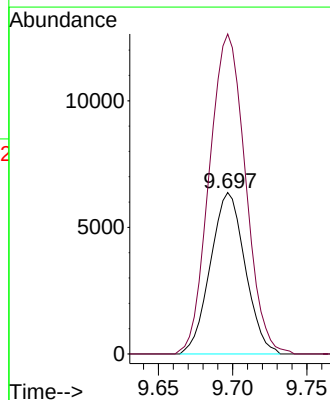
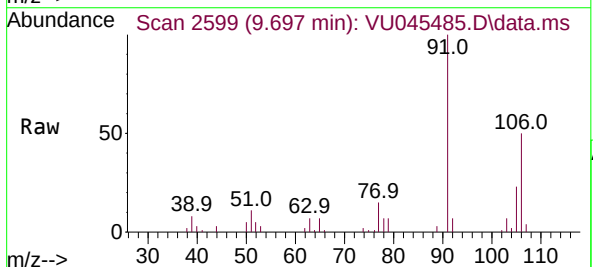
Instrument :
MSVOA_U
ClientSampleId :

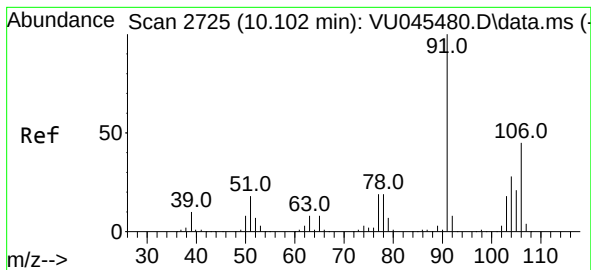
Tgt Ion: 91 Resp: 27519
Ion Ratio Lower Upper
91 100
106 33.1 21.7 40.3



#53
m,p-Xylene
Concen: 2.426 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 106 Resp: 10384
Ion Ratio Lower Upper
106 100
91 198.2 142.2 264.2





#54

o-xylene

Concen: 2.270 ug/L

RT: 10.102 min Scan# 2725

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

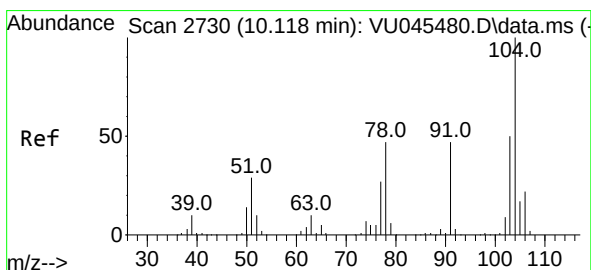
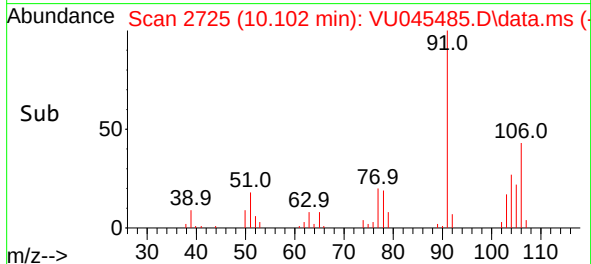
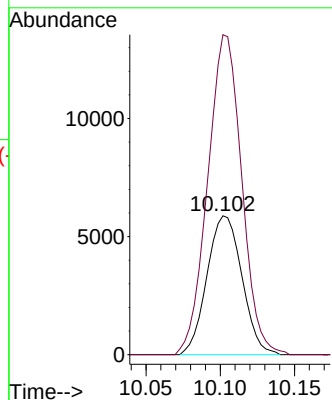
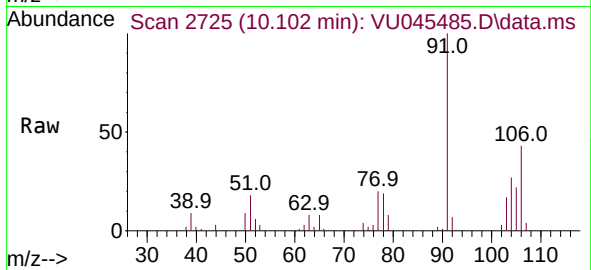
ClientSampleId :

Tgt Ion:106 Resp: 9622

Ion Ratio Lower Upper

106 100

91 230.3 155.2 288.2



#55

Styrene

Concen: 2.233 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU045485.D

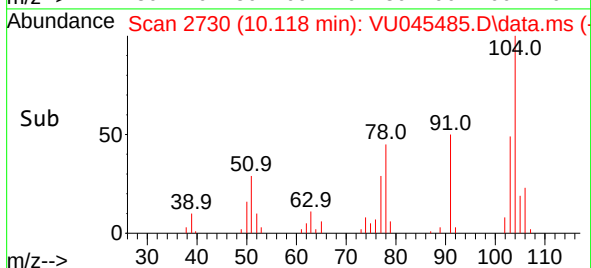
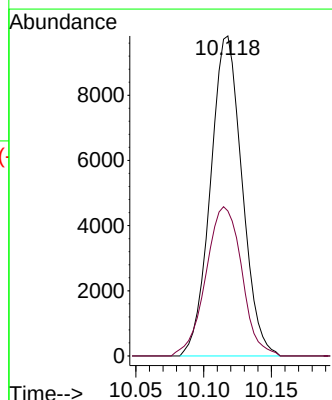
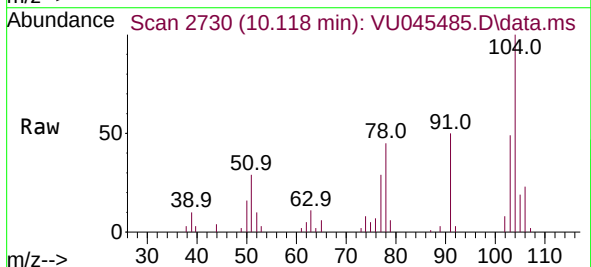
Acq: 01 Nov 2021 13:07

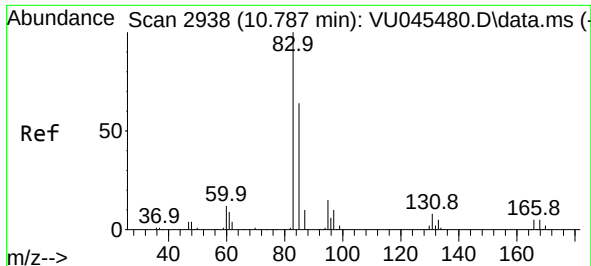
Tgt Ion:104 Resp: 15902

Ion Ratio Lower Upper

104 100

78 45.3 32.6 60.6





#57

1,1,2,2-Tetrachloroethane

Concen: 2.604 ug/L

RT: 10.787 min Scan# 2938

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

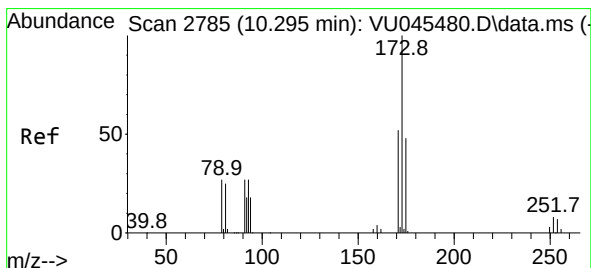
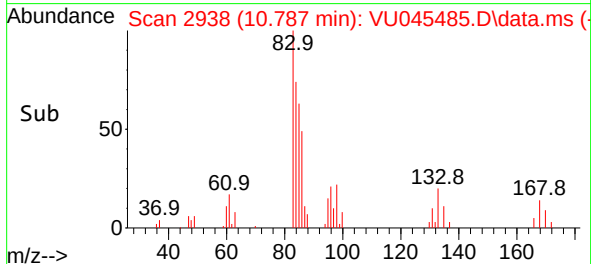
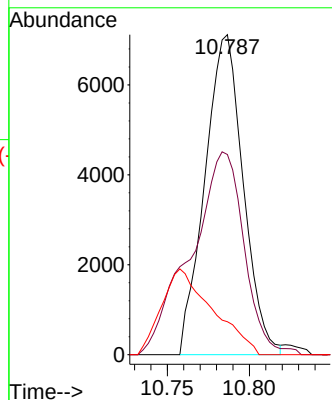
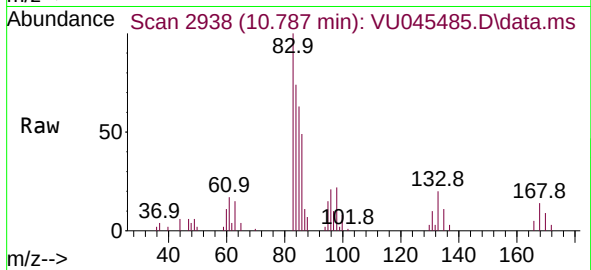
Tgt Ion: 83 Resp: 11558

Ion Ratio Lower Upper

83 100

85 62.5 46.0 85.4

131 10.3 7.0 10.4



#59

Bromoform

Concen: 2.349 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

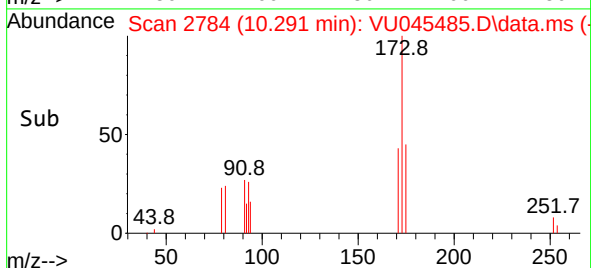
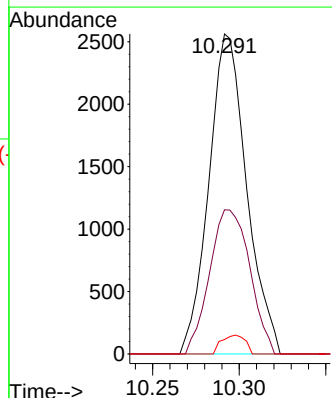
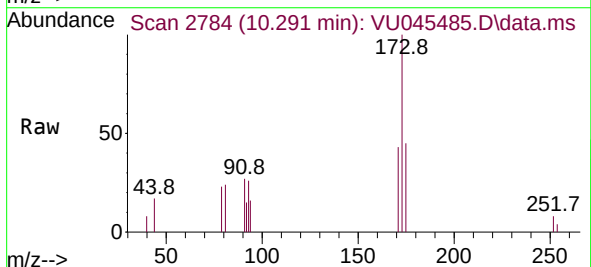
Tgt Ion:173 Resp: 3884

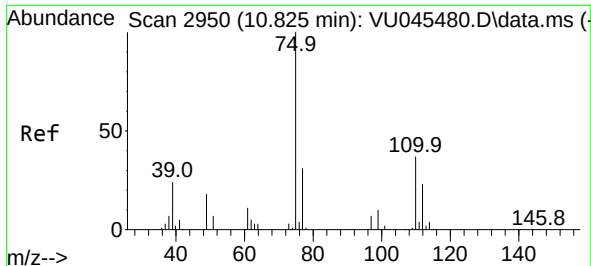
Ion Ratio Lower Upper

173 100

175 47.9 38.7 58.1

254 3.7 5.8 8.8#

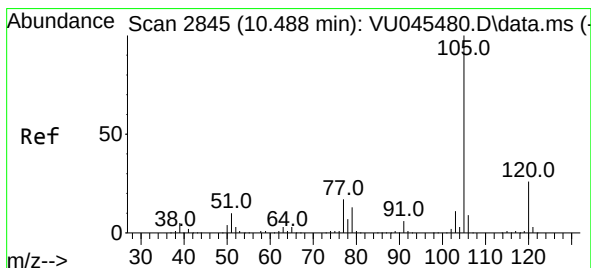
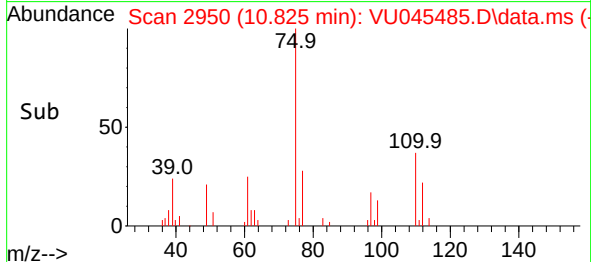
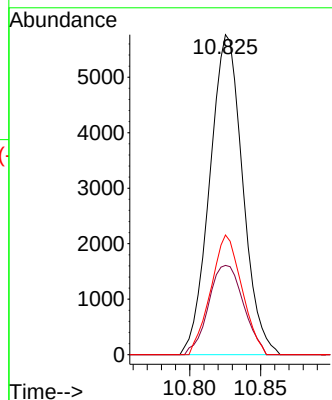
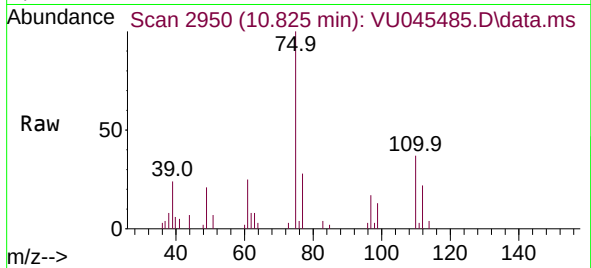




#60
1,2,3-Trichloropropane
Concen: 2.640 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

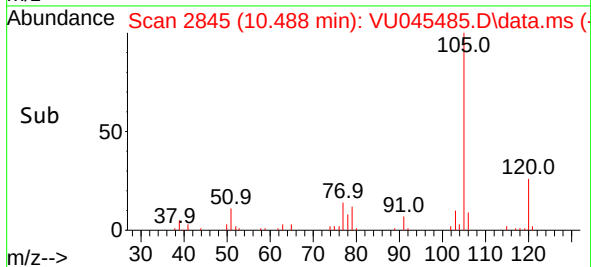
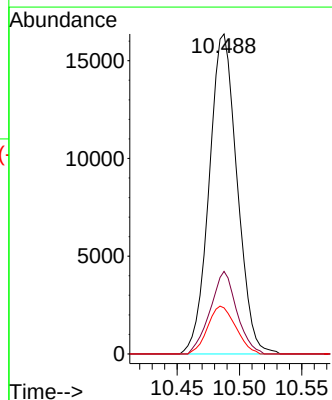
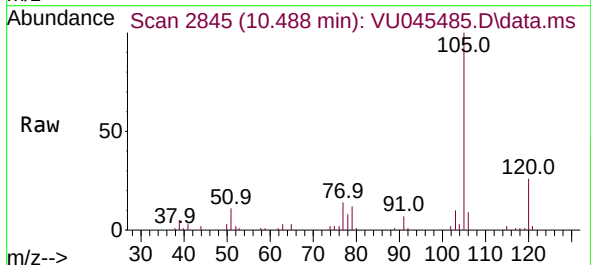
Instrument :
MSVOA_U
ClientSampleId :

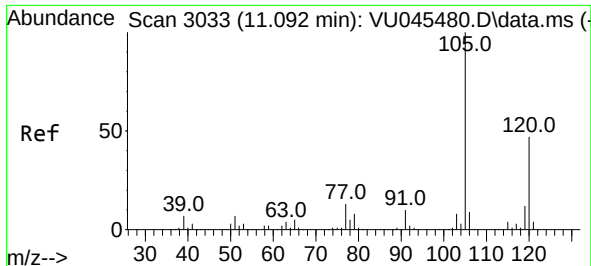
Tgt Ion: 75 Resp: 9322
Ion Ratio Lower Upper
75 100
77 29.6 25.9 38.9
110 35.3 29.8 44.8



#61
Isopropylbenzene
Concen: 2.411 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion: 105 Resp: 25553
Ion Ratio Lower Upper
105 100
120 24.5 20.4 30.6
77 15.0 13.3 19.9





#62

1,3,5-Trimethylbenzene

Concen: 2.231 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

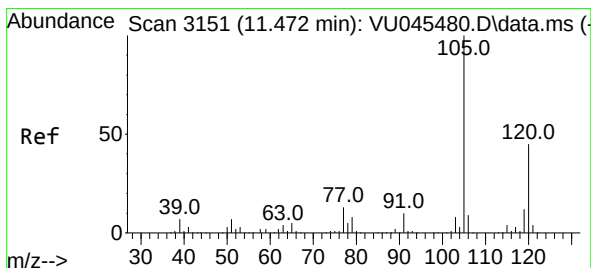
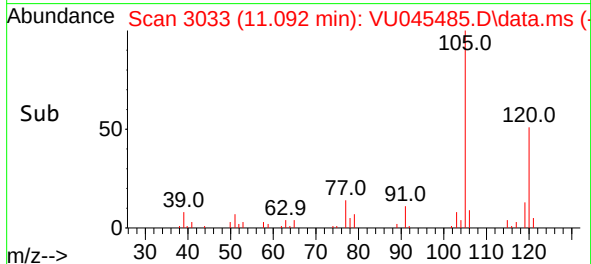
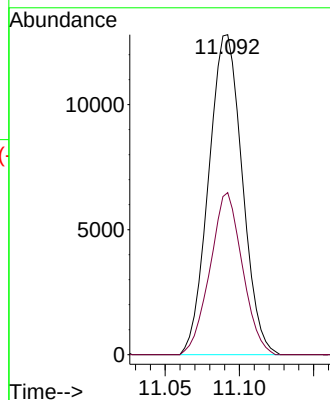
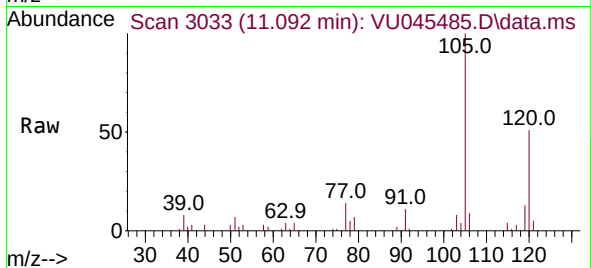
ClientSampleId :

Tgt Ion:105 Resp: 20144

Ion Ratio Lower Upper

105 100

120 48.7 38.5 57.7



#63

1,2,4-Trimethylbenzene

Concen: 2.255 ug/L

RT: 11.471 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VU045485.D

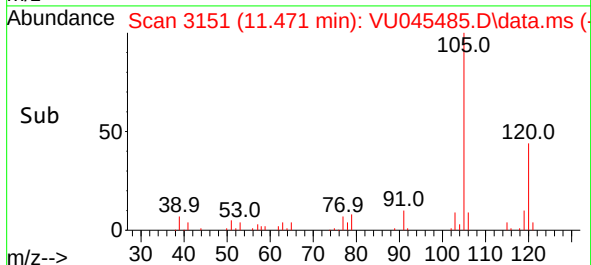
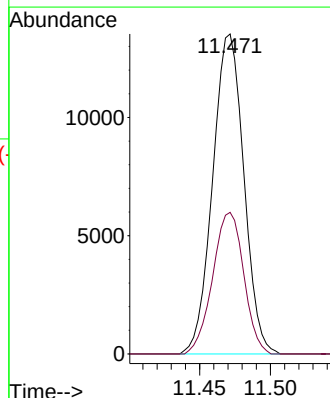
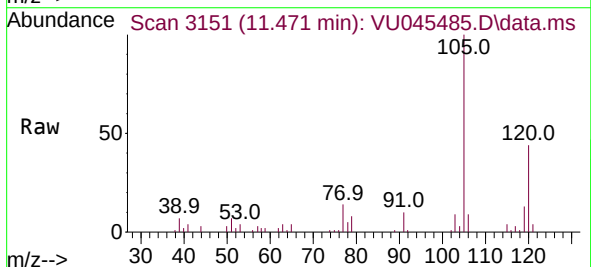
Acq: 01 Nov 2021 13:07

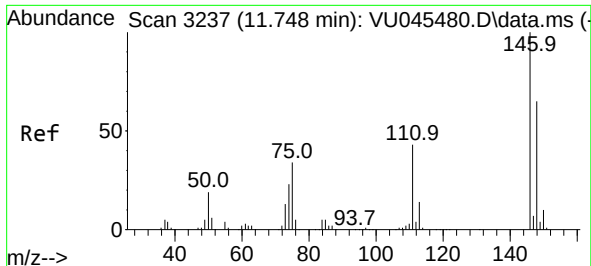
Tgt Ion:105 Resp: 20691

Ion Ratio Lower Upper

105 100

120 44.1 35.6 53.4





#64

1,3-Dichlorobenzene

Concen: 2.550 ug/L

RT: 11.748 min Scan# 3237

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

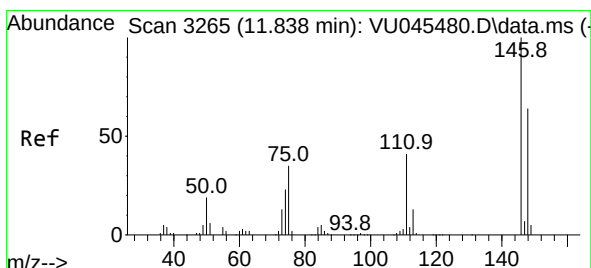
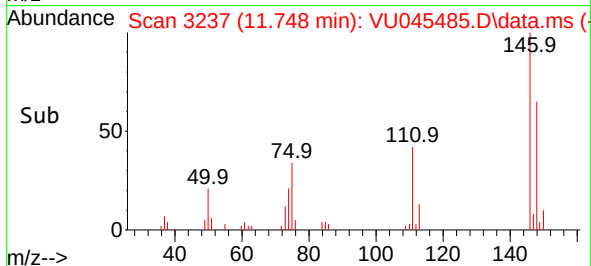
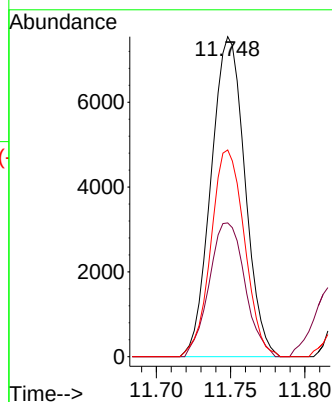
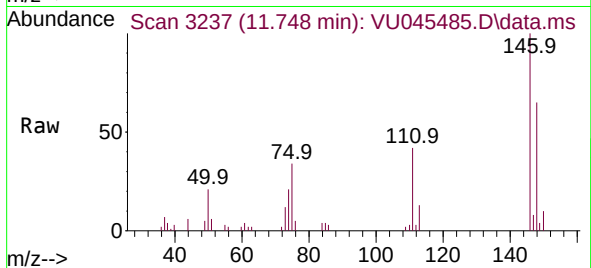
Tgt Ion:146 Resp: 11951

Ion Ratio Lower Upper

146 100

111 41.8 29.8 55.4

148 69.1 44.1 81.9



#65

1,4-Dichlorobenzene

Concen: 2.563 ug/L

RT: 11.838 min Scan# 3265

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

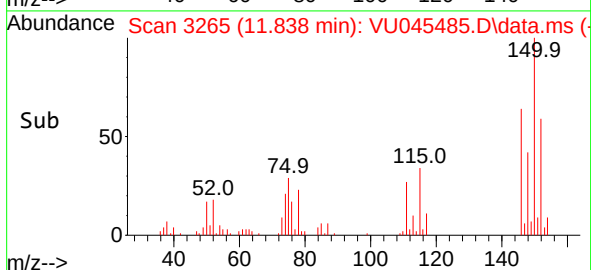
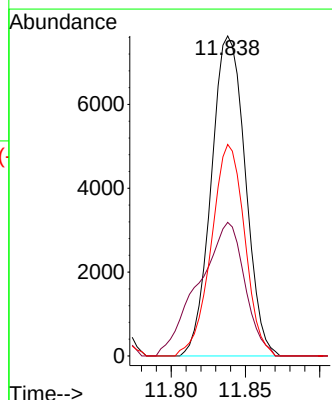
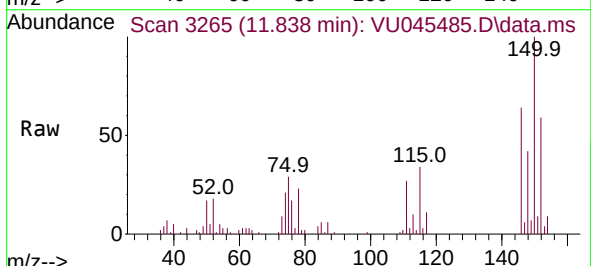
Tgt Ion:146 Resp: 12153

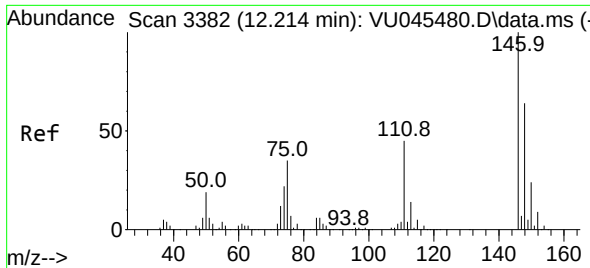
Ion Ratio Lower Upper

146 100

111 41.7 28.6 53.0

148 66.1 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 2.561 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :

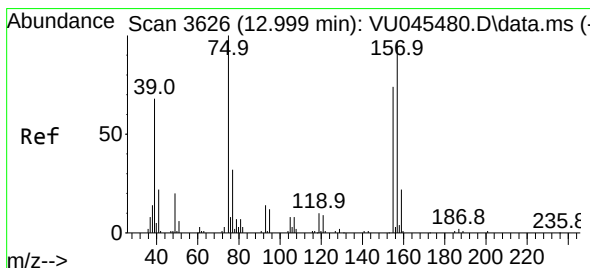
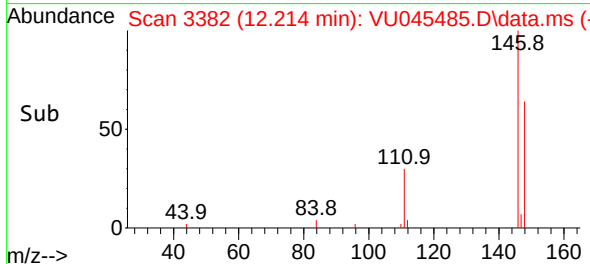
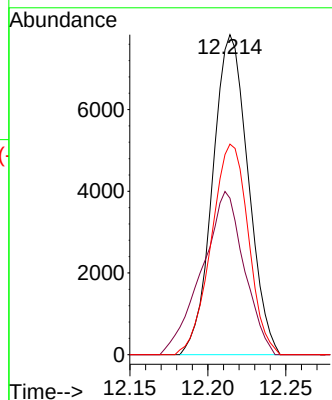
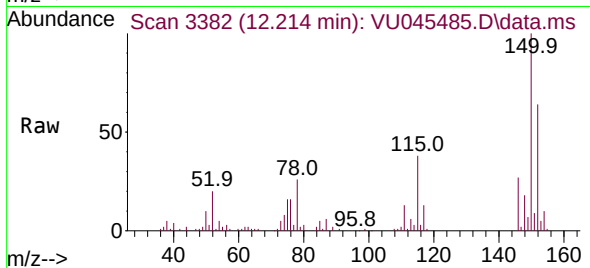
Tgt Ion:146 Resp: 12424

Ion Ratio Lower Upper

146 100

111 45.8 34.6 52.0

148 61.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 2.379 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

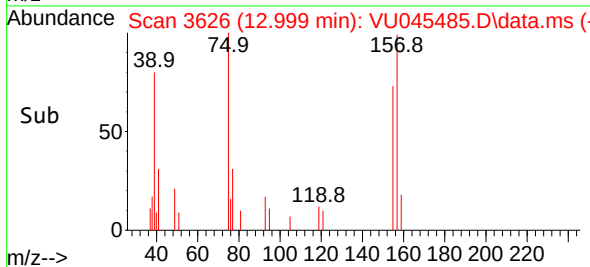
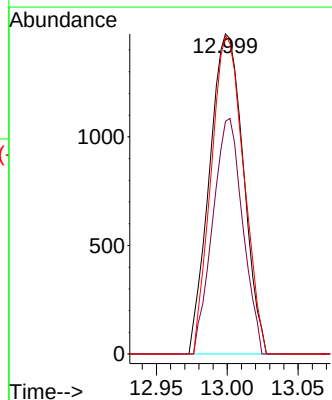
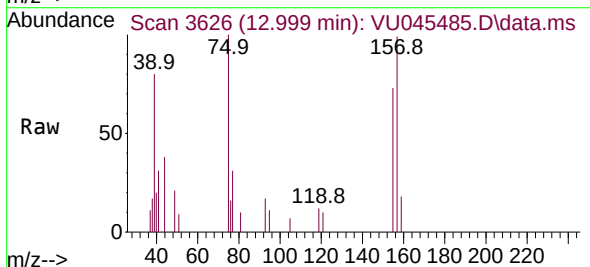
Tgt Ion: 75 Resp: 2453

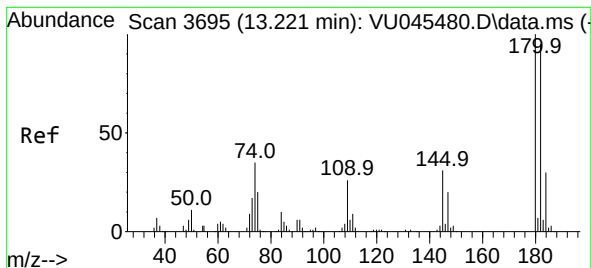
Ion Ratio Lower Upper

75 100

155 72.7 60.0 90.0

157 99.5 77.9 116.9





#69

1,3,5-Trichlorobenzene

Concen: 2.444 ug/L

RT: 13.224 min Scan# 3695

Delta R.T. 0.003 min

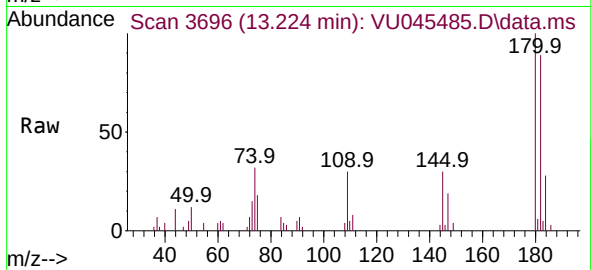
Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 8450

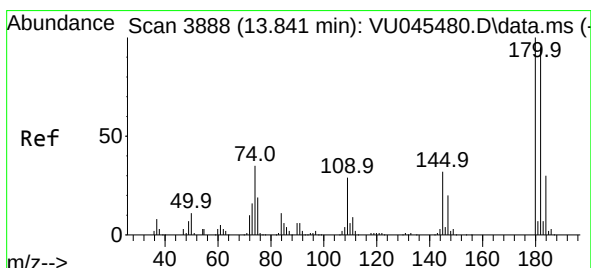
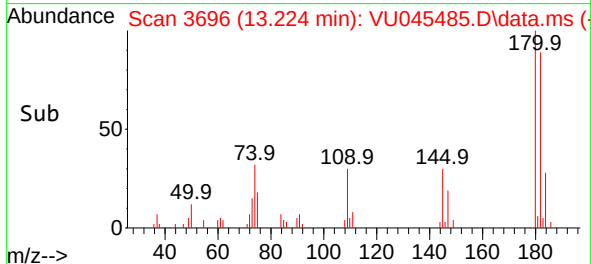
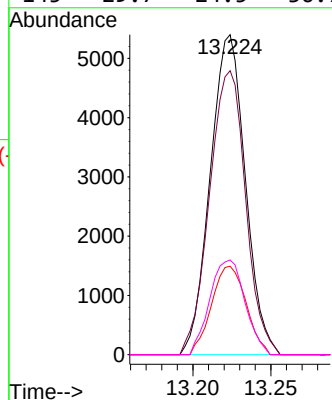
Ion Ratio Lower Upper

180 100

182 91.4 76.6 114.8

184 27.2 23.9 35.9

145 29.7 24.5 36.7



#70

1,2,4-trichlorobenzene

Concen: 2.465 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU045485.D

Acq: 01 Nov 2021 13:07

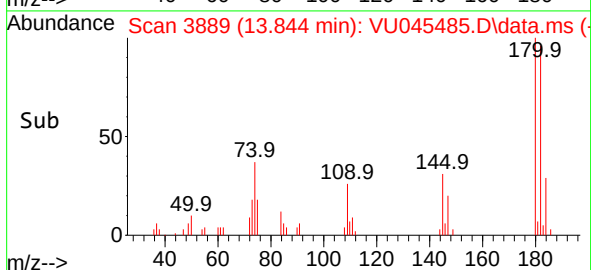
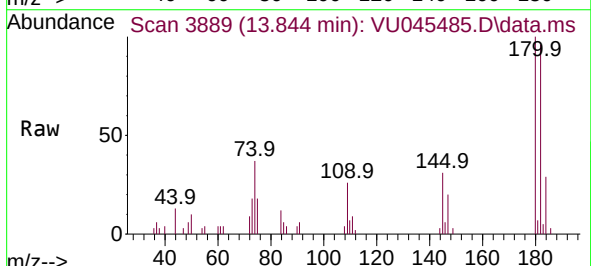
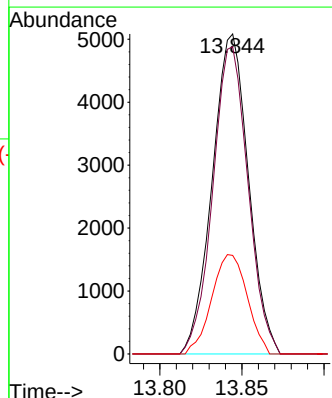
Tgt Ion:180 Resp: 7786

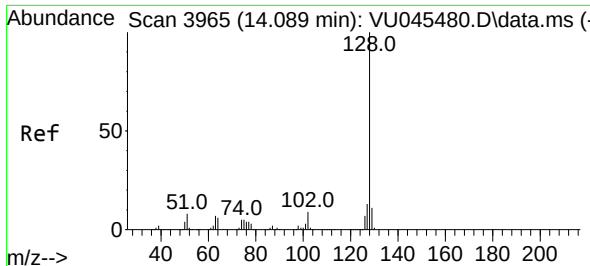
Ion Ratio Lower Upper

180 100

182 93.3 76.1 114.1

145 30.5 25.3 37.9

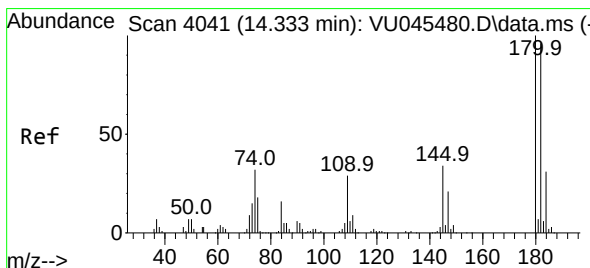
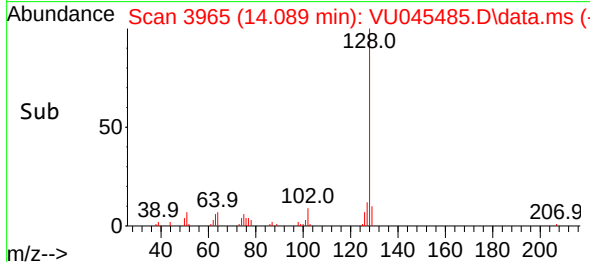
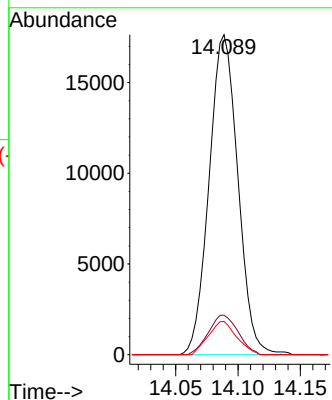
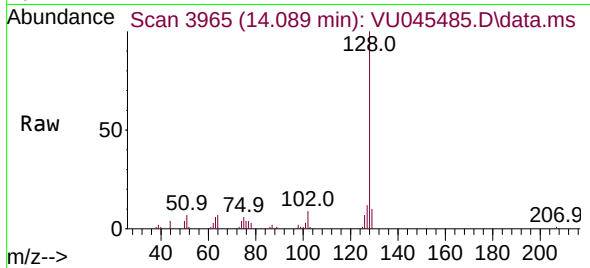




#71
Naphthalene
Concen: 2.352 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	28316
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.2	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 2.516 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU045485.D
Acq: 01 Nov 2021 13:07

Tgt Ion:	180	Resp:	8134
Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.7	113.5
145	31.5	27.0	40.4

