

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051626.D
 Acq On : 31 Oct 2022 21:20
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Quant Time: Nov 01 01:31:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 01 01:25:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	202973	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	208001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	107461	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56600	3.703	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.906	69	65143	4.086	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.562	65	20358	3.669	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	4.620	46	277606	50.143	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.060	84	163938	4.583	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.700	65	87772	4.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
32) Benzene-d6	5.726	84	283552	4.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.687	67	101892	4.439	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.896	98	224100	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.179	79	32004	4.560	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.629	63	220200	52.122	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.240%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	102190	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	86567	4.389	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	109957	4.954	ug/L	98
3) Chloromethane	1.523	50	135823	4.854	ug/L	98
5) Vinyl chloride	1.600	62	135543	5.057	ug/L #	74
6) Bromomethane	1.848	94	51839	4.079	ug/L	99
8) Chloroethane	1.928	64	84216	5.174	ug/L	96
9) Trichlorofluoromethane	2.134	101	148134	5.034	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	87657	5.067	ug/L	97
12) 1,1-Dichloroethene	2.578	96	87810	4.976	ug/L	94
13) Acetone	2.623	43	143217	50.985	ug/L	99
14) Carbon disulfide	2.790	76	296393	5.211	ug/L	99
15) Methyl Acetate	2.948	43	38762	5.271	ug/L	94
16) Methylene chloride	3.041	84	149541	5.174	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	214301	5.296	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	101186	5.343	ug/L	100
19) 1,1-Dichloroethane	3.867	63	192396	5.508	ug/L	98
21) 2-Butanone	4.700	43	242366	55.096	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	116912	5.579	ug/L	99
23) Bromochloromethane	4.973	128	52594	5.368	ug/L	95
25) Chloroform	5.086	83	197414	5.448	ug/L	97

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 VSTD005190

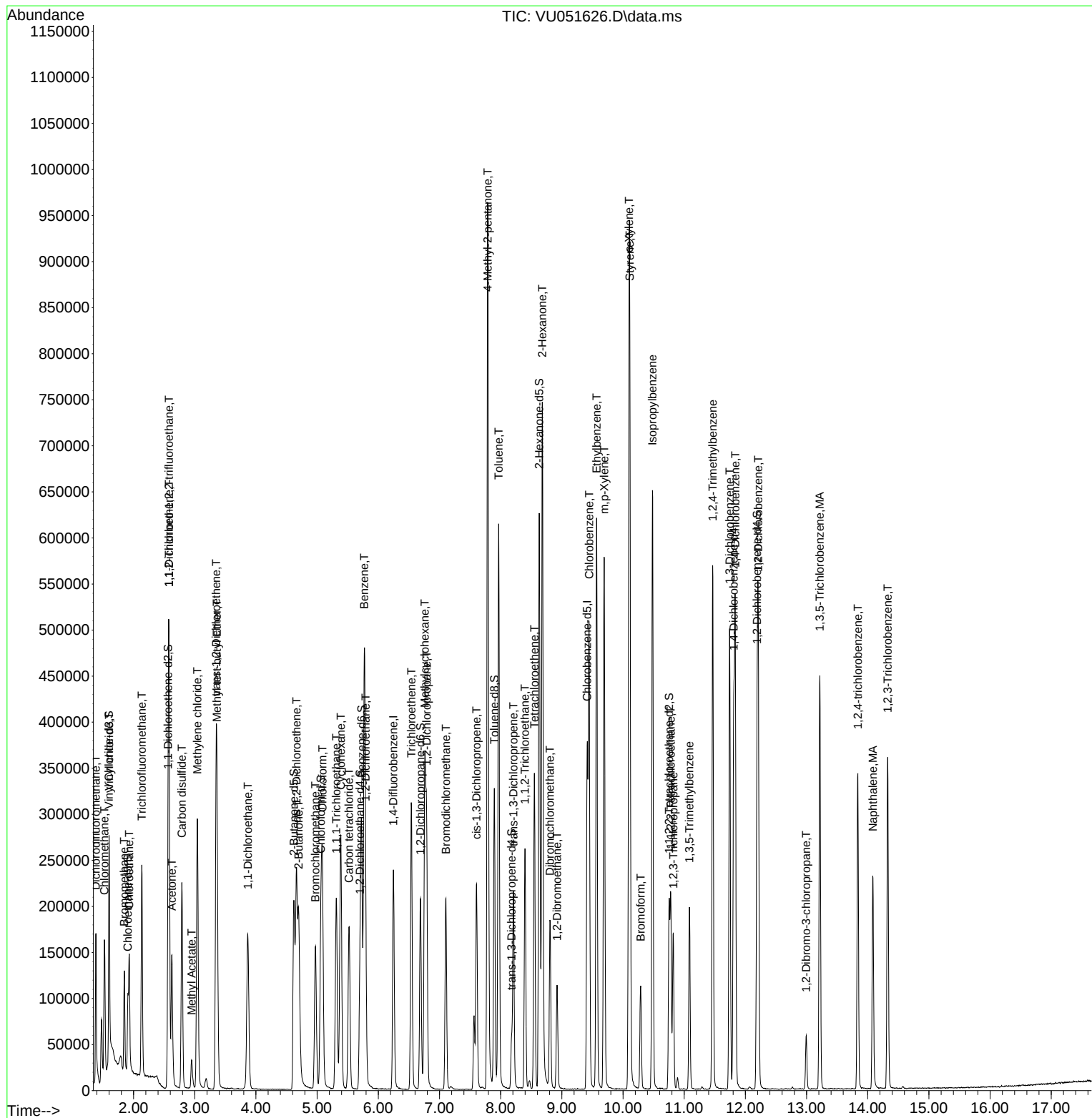
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 Quant Title : TRACE VOA SFAM1.0
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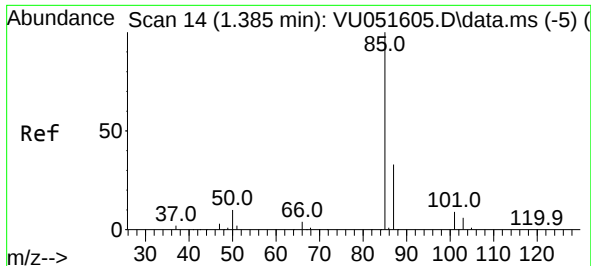
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	119041	5.338	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	148552	5.260	ug/L	100
30) Cyclohexane	5.385	56	128728	4.950	ug/L	99
31) Carbon tetrachloride	5.520	117	125736	5.206	ug/L	98
33) Benzene	5.771	78	437770	5.333	ug/L	100
34) Trichloroethene	6.539	95	108959	5.500	ug/L	99
35) Methylcyclohexane	6.761	83	129329	4.722	ug/L	98
37) 1,2-Dichloropropane	6.790	63	114663	5.431	ug/L	100
38) Bromodichloromethane	7.105	83	139479	5.409	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	139329	5.144	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	597902	56.462	ug/L	99
42) Toluene	7.967	91	461948	5.480	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	119997	5.301	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	84305	5.449	ug/L	99
47) Tetrachloroethene	8.552	164	77576	5.113	ug/L	95
48) 2-Hexanone	8.681	43	447481	57.089	ug/L	100
49) Dibromochloromethane	8.806	129	94243	5.332	ug/L	100
50) 1,2-Dibromoethane	8.922	107	76020	5.446	ug/L	92
51) Chlorobenzene	9.446	112	284436	5.361	ug/L	98
52) Ethylbenzene	9.568	91	429905	5.285	ug/L	99
53) m,p-Xylene	9.693	106	168959	5.348	ug/L	95
54) o-Xylene	10.099	106	167531	5.426	ug/L	98
55) Styrene	10.111	104	297189	5.757	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	106557	5.555	ug/L	98
59) Bromoform	10.288	173	52762	5.314	ug/L	99
60) Isopropylbenzene	10.481	105	414656	5.286	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	73757	5.308	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	106512	5.043	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	313711	5.152	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	209099	5.354	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	205462	5.247	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	200930	5.282	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15736	5.499	ug/L	92
69) 1,3,5-Trichlorobenzene	13.217	180	141530	5.084	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	108772	5.090	ug/L	97
71) Naphthalene	14.082	128	198497	4.976	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	110976	5.142	ug/L	98

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

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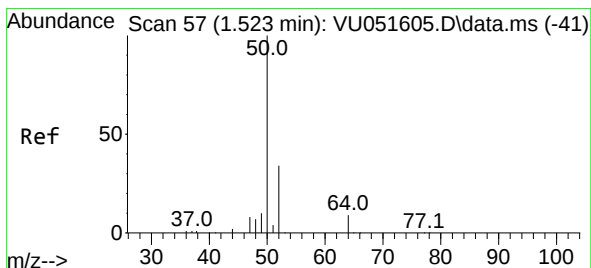
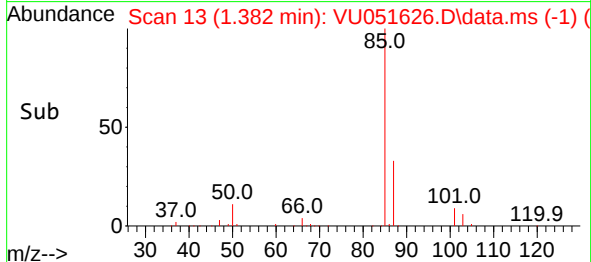
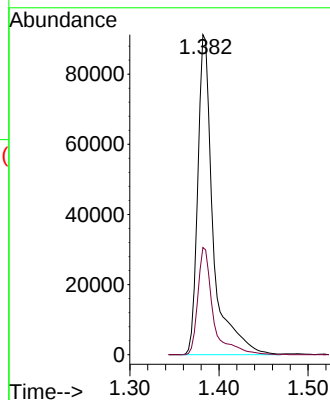
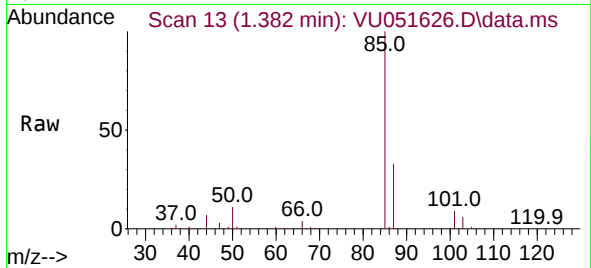




#2
 Dichlorodifluoromethane
 Concen: 4.954 ug/L
 RT: 1.382 min Scan# 11
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

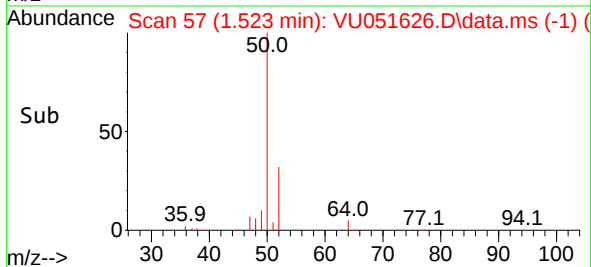
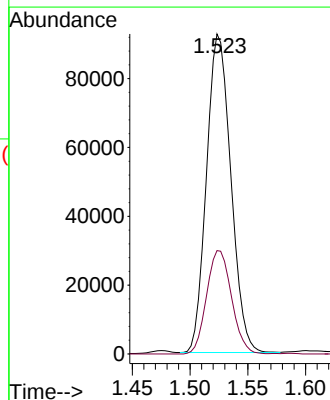
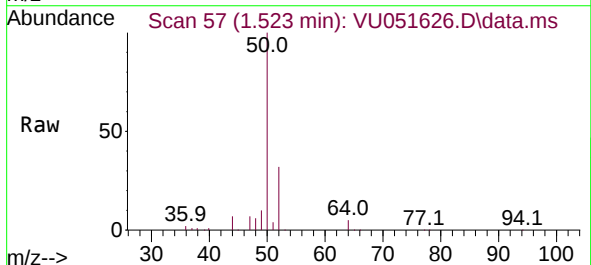
Instrument :
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 ClientSampleId :
 VSTD005190

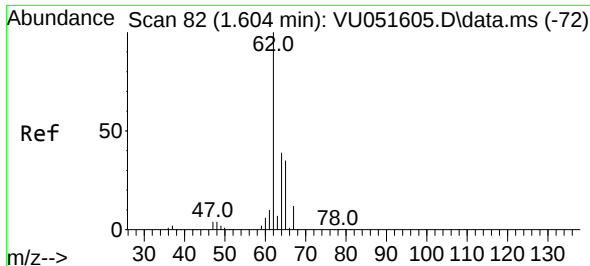
Tgt Ion: 85 Resp: 109957
 Ion Ratio Lower Upper
 85 100
 87 33.4 25.7 38.5



#3
 Chloromethane
 Concen: 4.854 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. 0.000 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion: 50 Resp: 135823
 Ion Ratio Lower Upper
 50 100
 52 32.3 23.2 43.2

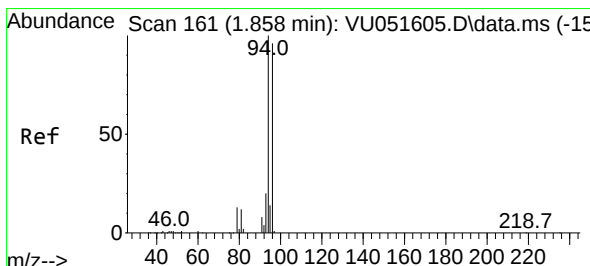
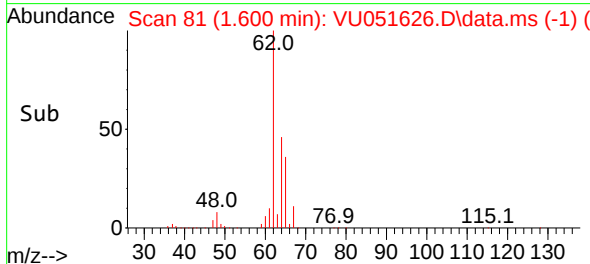
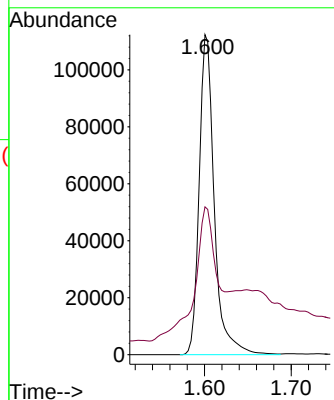
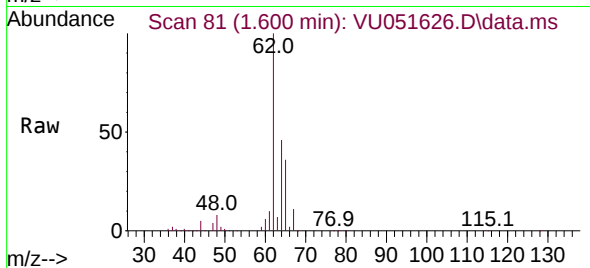




#5
 Vinyl chloride
 Concen: 5.057 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

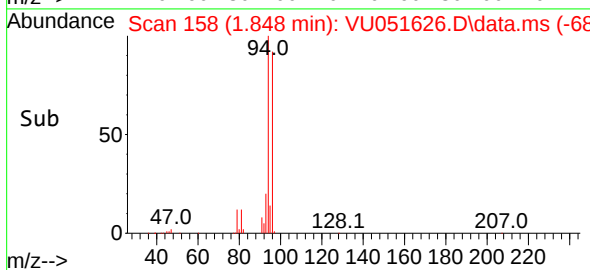
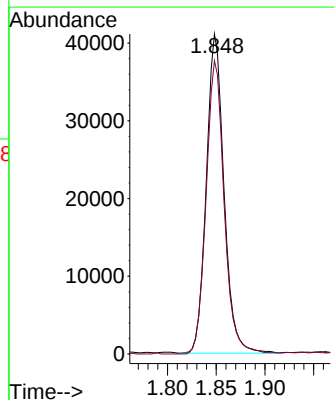
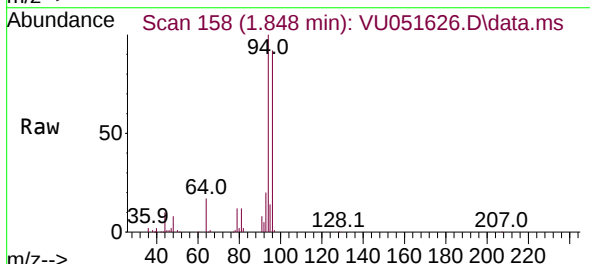
Instrument :
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 ClientSampleId :
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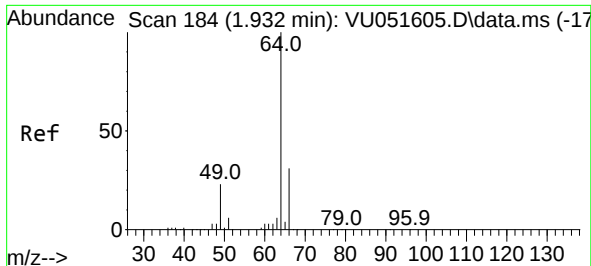
Tgt Ion: 62 Resp: 135543
 Ion Ratio Lower Upper
 62 100
 64 46.2 22.1 41.1#



#6
 Bromomethane
 Concen: 4.079 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.010 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion: 94 Resp: 51839
 Ion Ratio Lower Upper
 94 100
 96 91.6 63.2 117.4

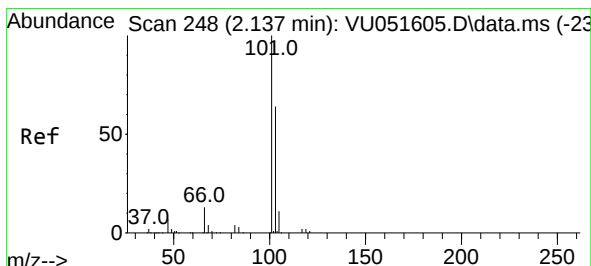
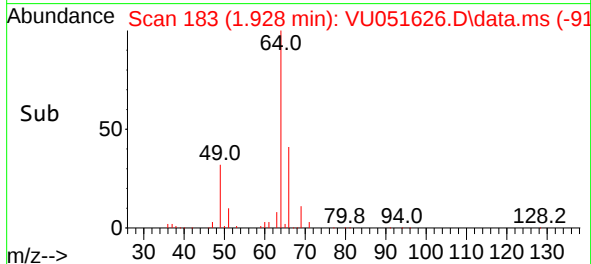
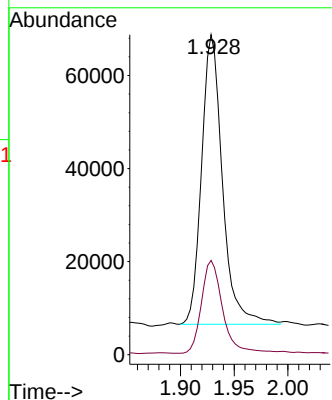
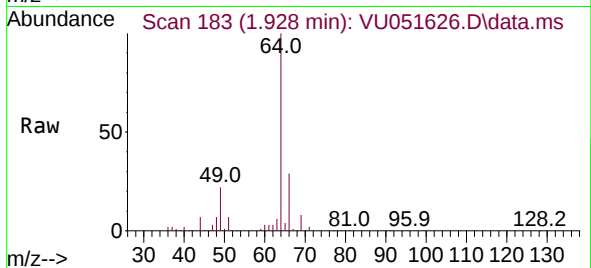




#8
Chloroethane
Concen: 5.174 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

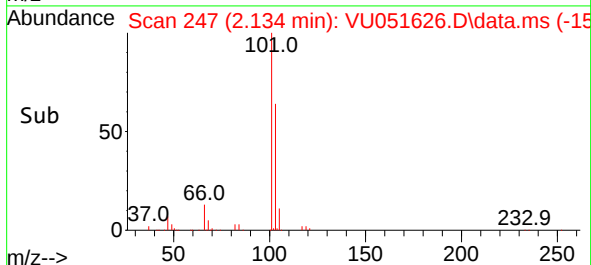
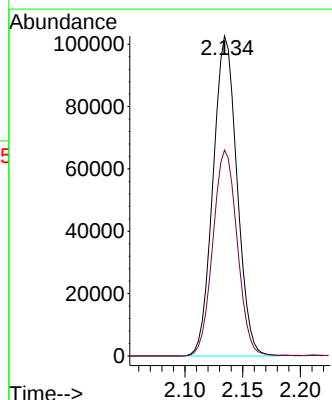
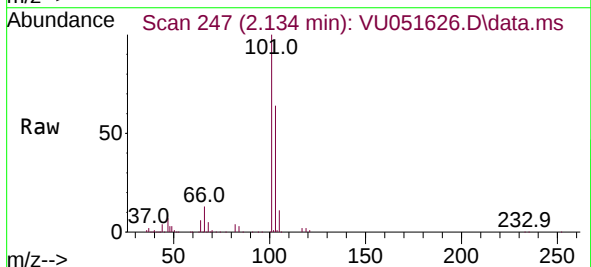
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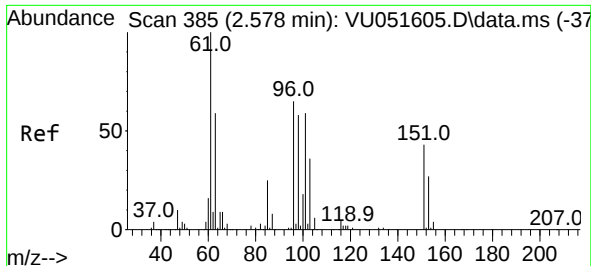
Tgt Ion: 64 Resp: 84216
Ion Ratio Lower Upper
64 100
66 29.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.034 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 101 Resp: 148134
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.6

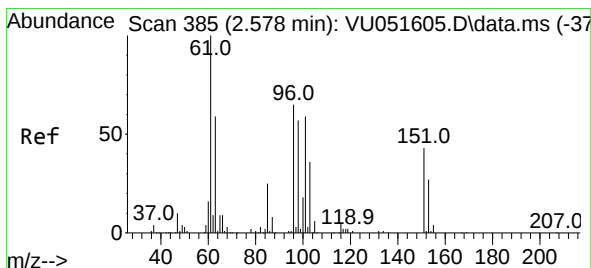
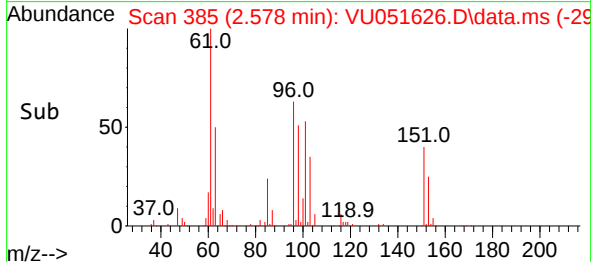
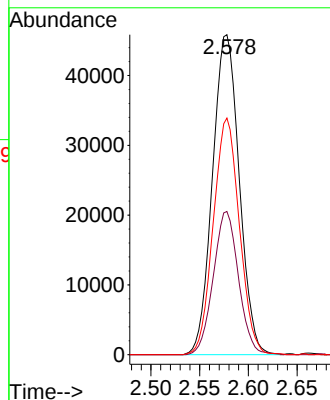
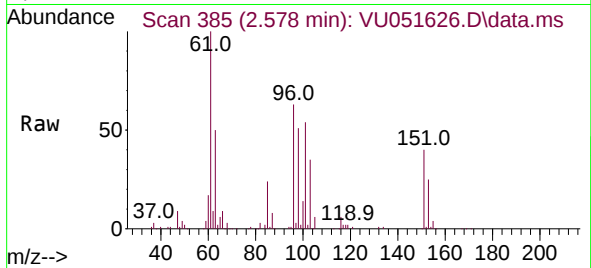




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.067 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

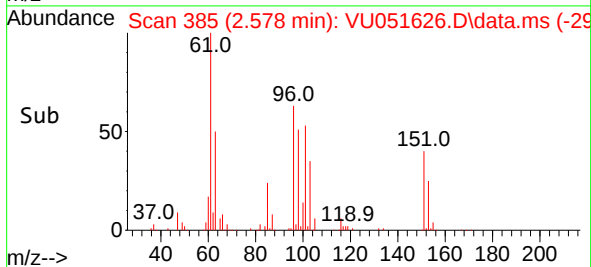
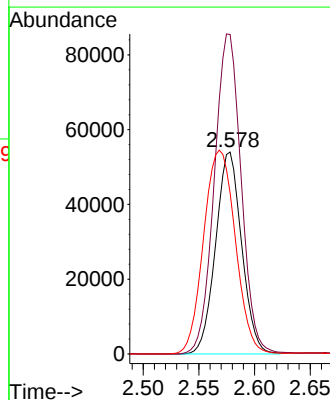
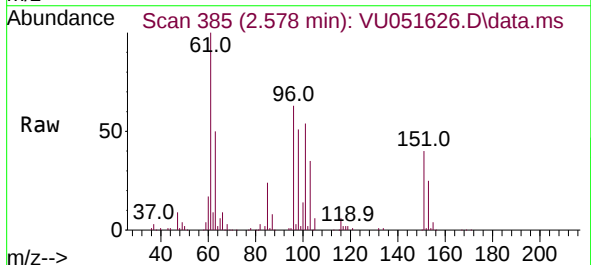
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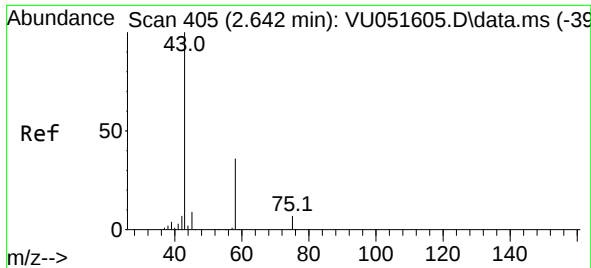
Tgt Ion:101 Resp: 87657
 Ion Ratio Lower Upper
 101 100
 85 42.2 35.6 53.4
 151 72.2 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.976 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion: 96 Resp: 87810
 Ion Ratio Lower Upper
 96 100
 61 158.2 108.8 202.0
 63 79.7 64.9 120.5





#13

Acetone

Concen: 50.985 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.019 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

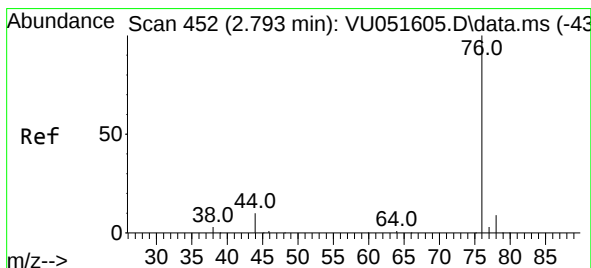
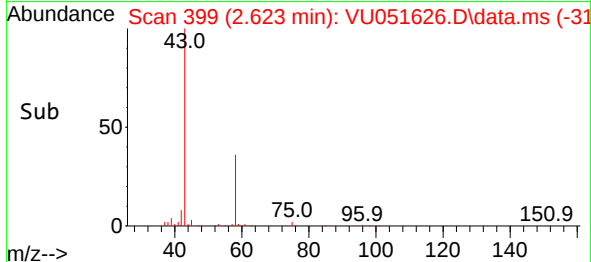
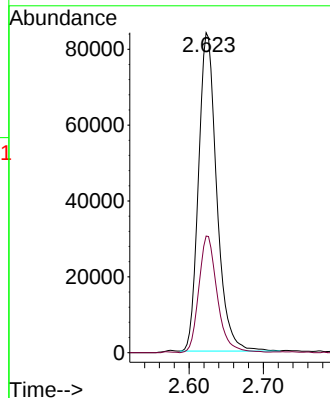
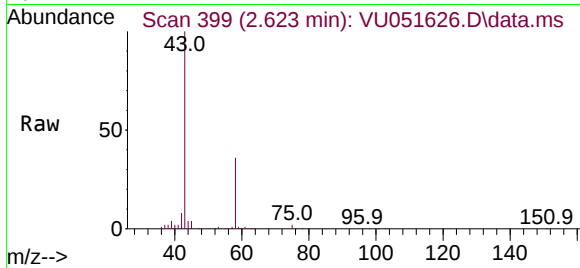
VSTD005190

Tgt Ion: 43 Resp: 143217

Ion Ratio Lower Upper

43 100

58 37.3 0.0 73.8



#14

Carbon disulfide

Concen: 5.211 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051626.D

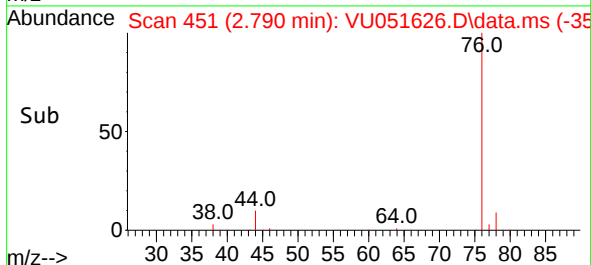
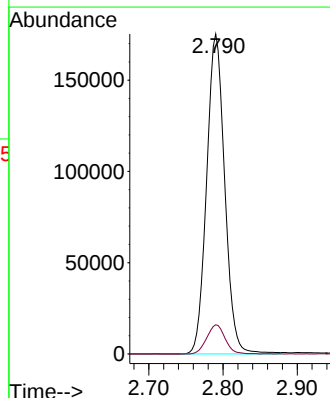
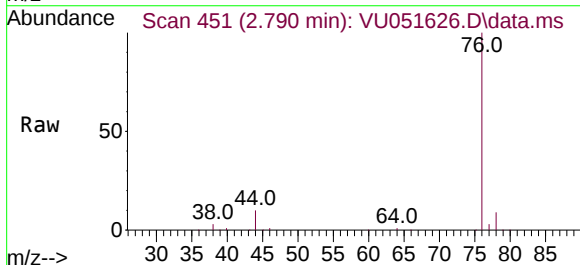
Acq: 31 Oct 2022 21:20

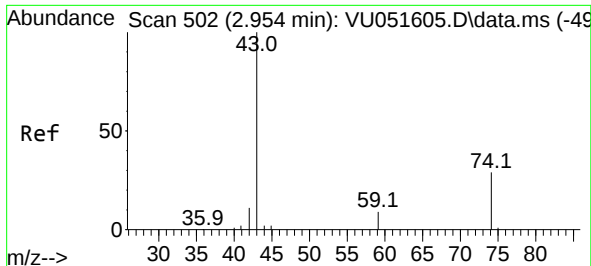
Tgt Ion: 76 Resp: 296393

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

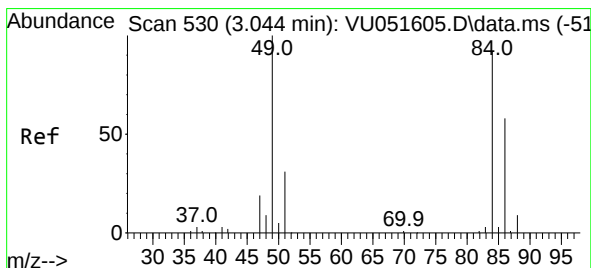
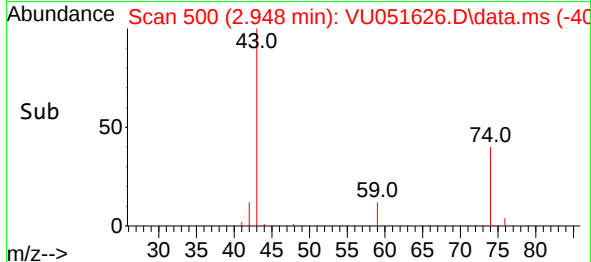
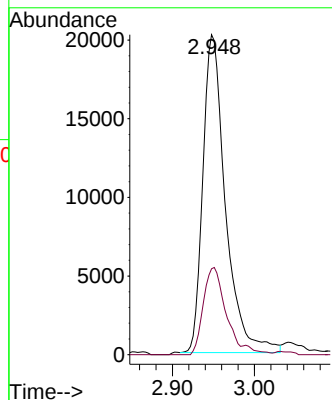
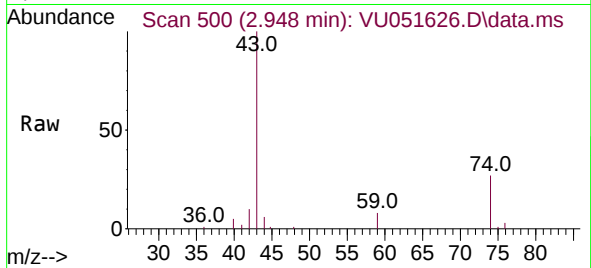




#15
Methyl Acetate
Concen: 5.271 ug/L
RT: 2.948 min Scan# 502
Delta R.T. -0.006 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

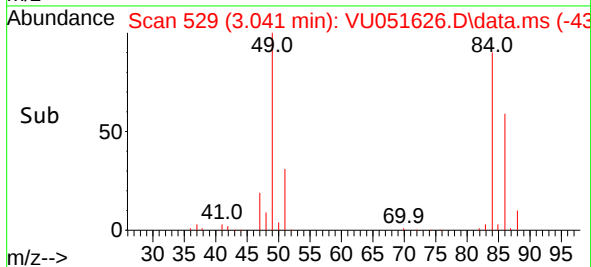
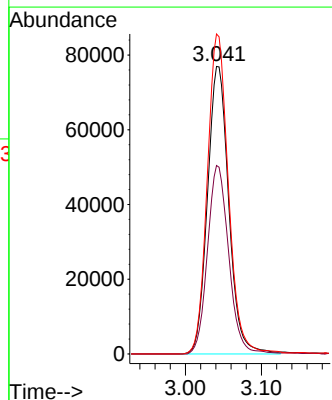
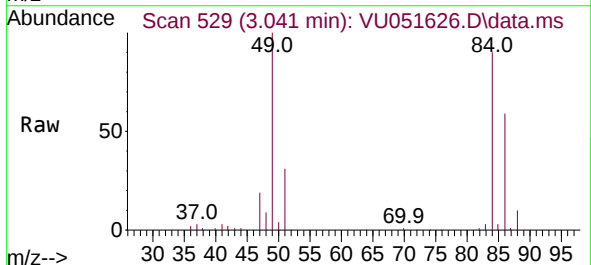
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

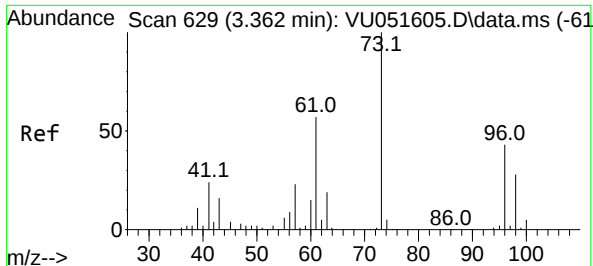
Tgt Ion: 43 Resp: 38762
Ion Ratio Lower Upper
43 100
74 28.1 20.2 30.4



#16
Methylene chloride
Concen: 5.174 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 84 Resp: 149541
Ion Ratio Lower Upper
84 100
86 65.6 46.3 85.9
49 111.3 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.296 ug/L

RT: 3.362 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD005190

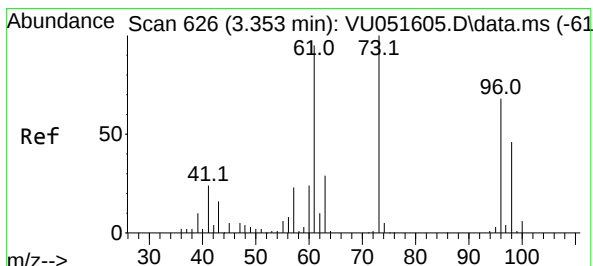
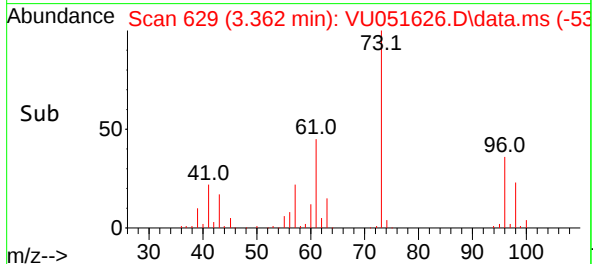
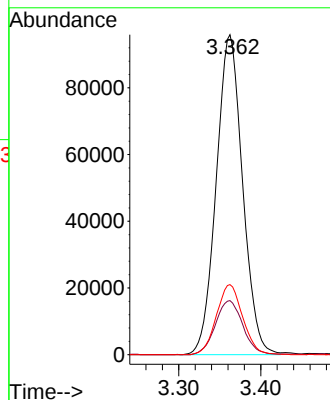
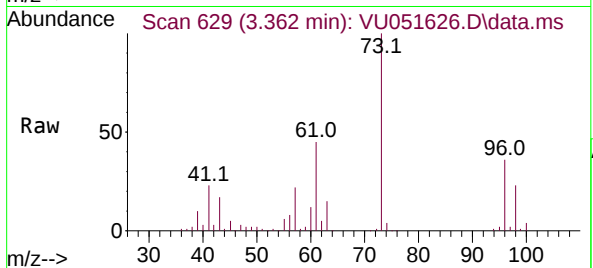
Tgt Ion: 73 Resp: 214301

Ion Ratio Lower Upper

73 100

43 17.6 13.6 20.4

57 21.9 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.343 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

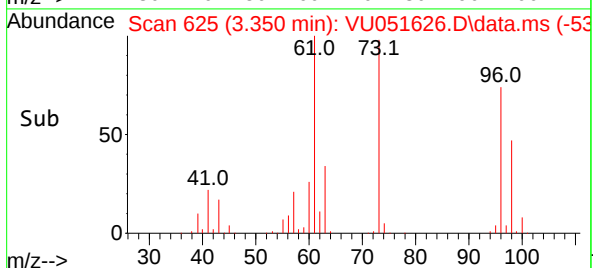
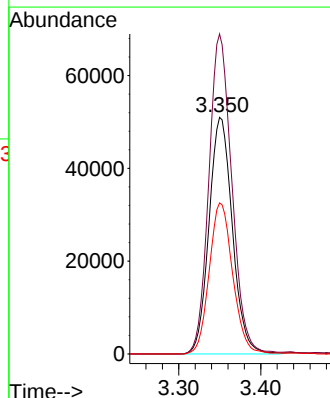
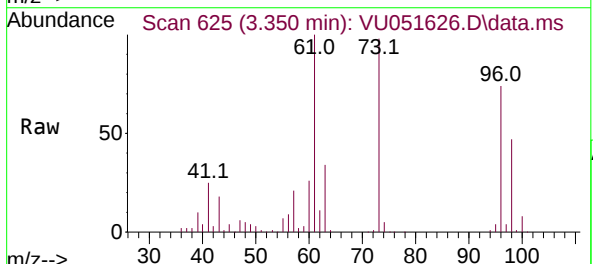
Tgt Ion: 96 Resp: 101186

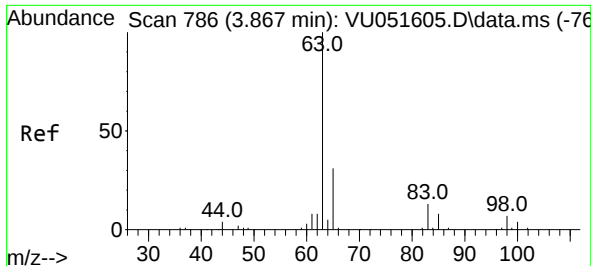
Ion Ratio Lower Upper

96 100

61 135.2 94.7 175.9

98 63.8 44.2 82.0

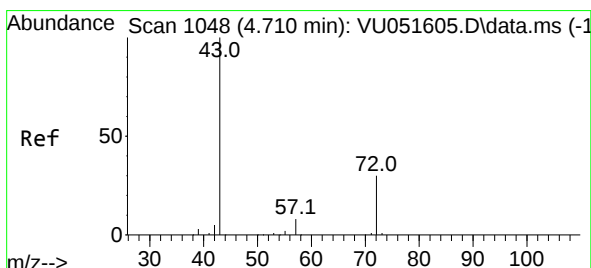
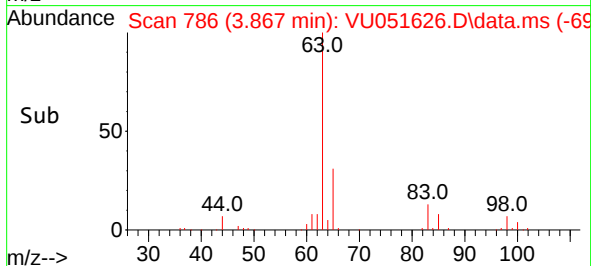
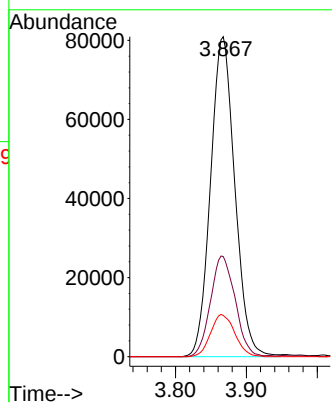
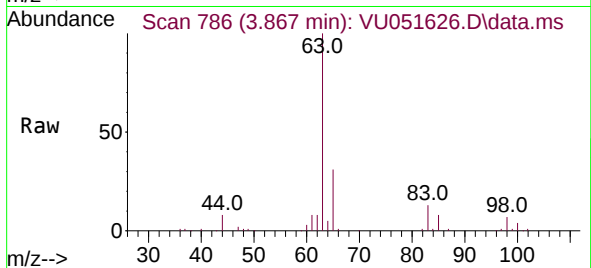




#19
1,1-Dichloroethane
Concen: 5.508 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

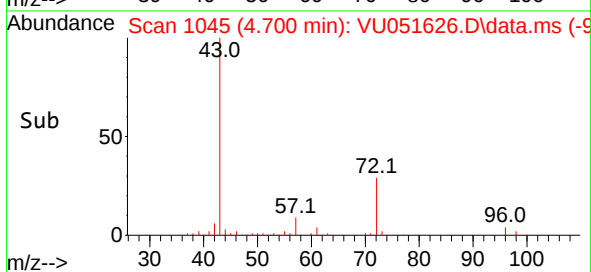
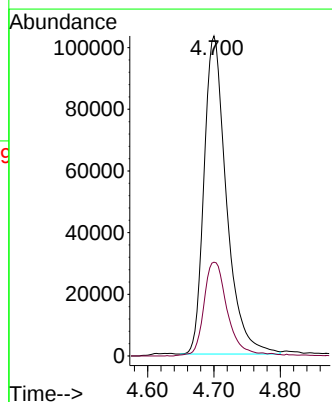
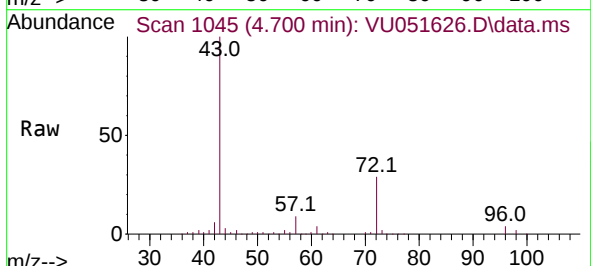
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

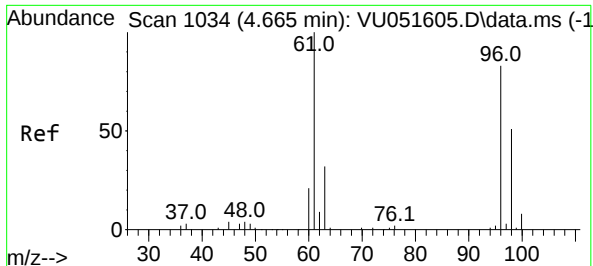
Tgt Ion: 63 Resp: 192396
Ion Ratio Lower Upper
63 100
65 31.3 22.7 42.1
83 12.9 9.2 17.0



#21
2-Butanone
Concen: 55.096 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. -0.010 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 43 Resp: 242366
Ion Ratio Lower Upper
43 100
72 30.8 16.2 48.5





#22

cis-1,2-Dichloroethene

Concen: 5.579 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD005190

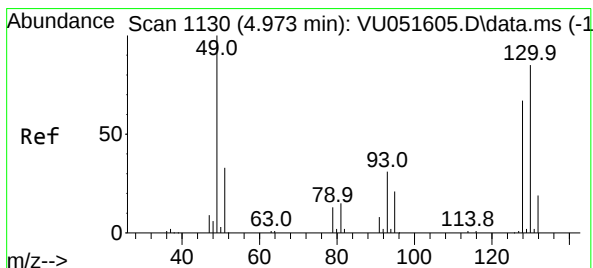
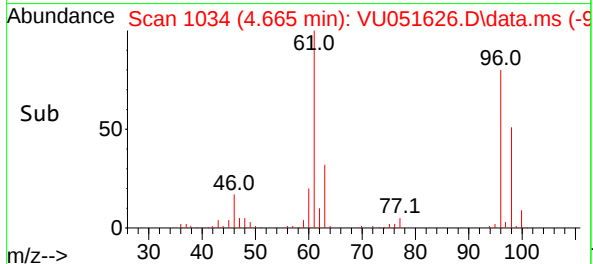
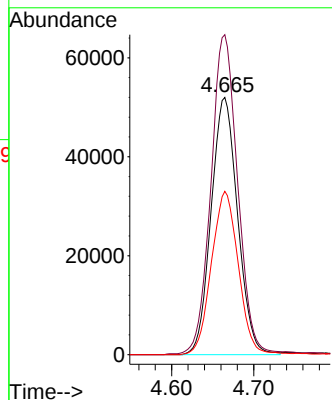
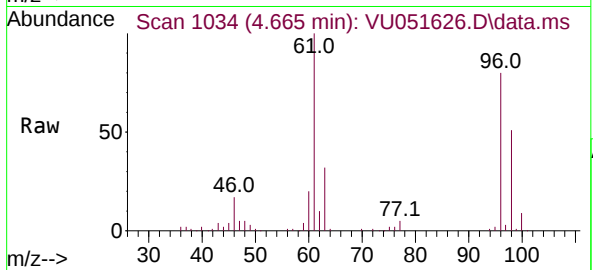
Tgt Ion: 96 Resp: 116912

Ion Ratio Lower Upper

96 100

61 124.4 86.4 160.4

98 63.5 44.2 82.2



#23

Bromochloromethane

Concen: 5.368 ug/L

RT: 4.973 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Tgt Ion: 128 Resp: 52594

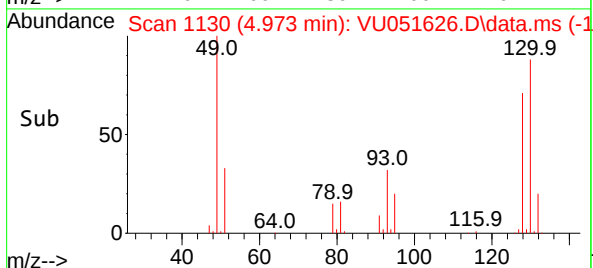
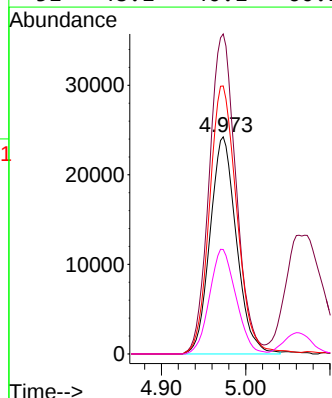
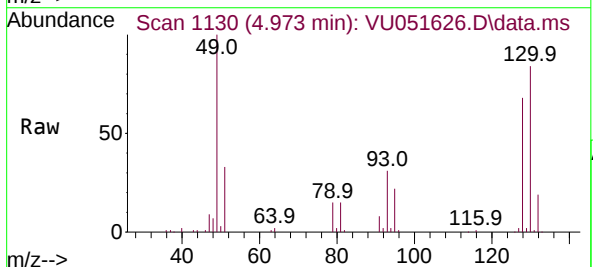
Ion Ratio Lower Upper

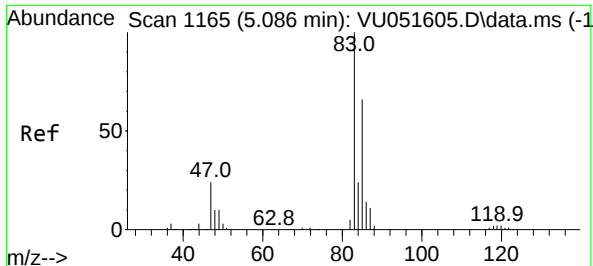
128 100

49 147.4 105.5 195.9

130 123.5 93.5 173.7

51 48.1 40.1 60.1





#25

Chloroform

Concen: 5.448 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

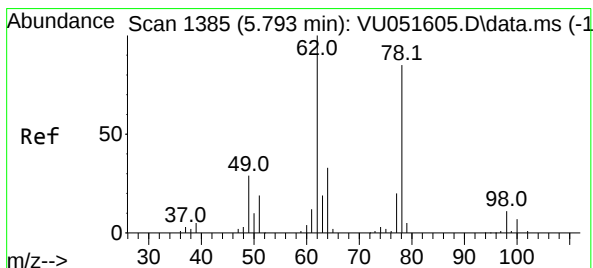
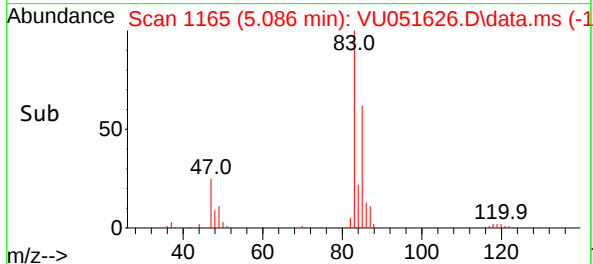
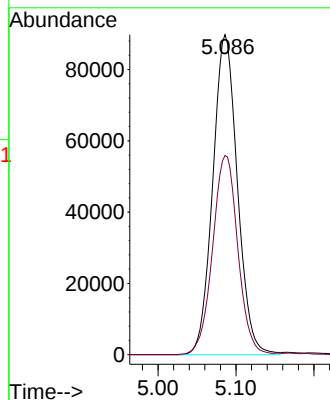
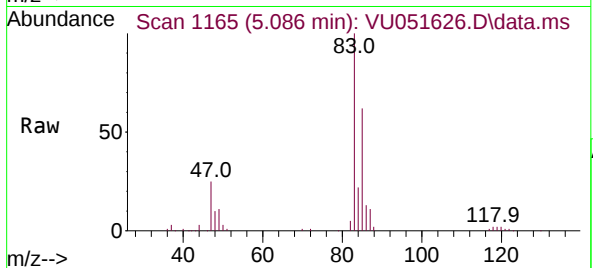
VSTD005190

Tgt Ion: 83 Resp: 197414

Ion Ratio Lower Upper

83 100

85 62.3 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.338 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051626.D

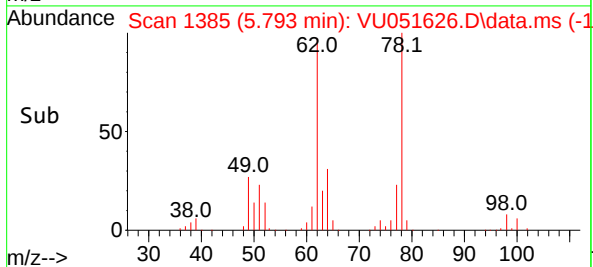
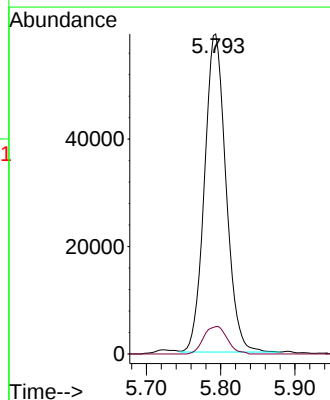
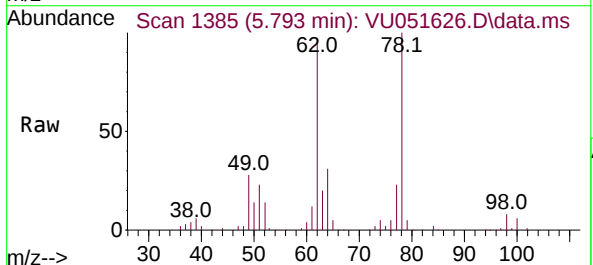
Acq: 31 Oct 2022 21:20

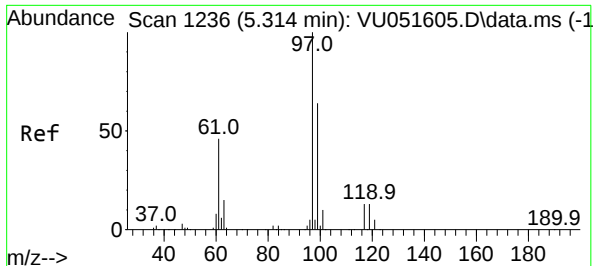
Tgt Ion: 62 Resp: 119041

Ion Ratio Lower Upper

62 100

98 8.5 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.260 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD005190

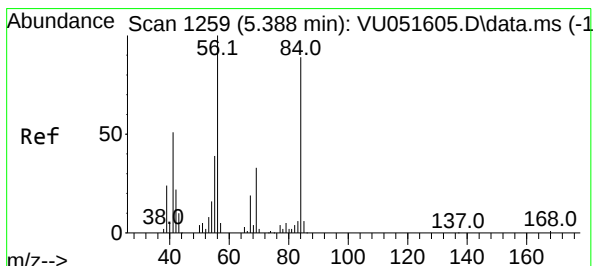
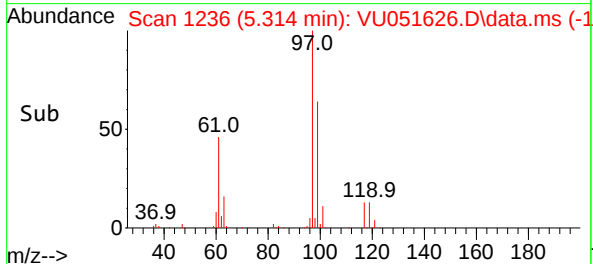
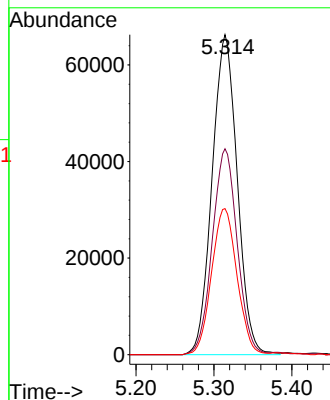
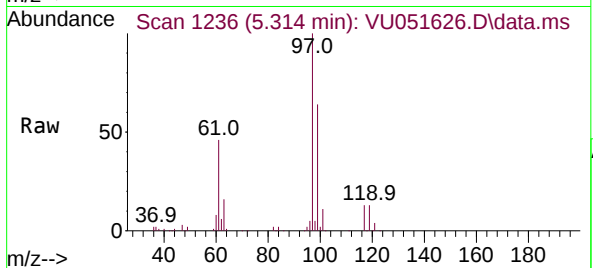
Tgt Ion: 97 Resp: 148552

Ion Ratio Lower Upper

97 100

99 63.9 51.1 76.7

61 46.2 37.4 56.0



#30

Cyclohexane

Concen: 4.950 ug/L

RT: 5.385 min Scan# 1258

Delta R.T. -0.003 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

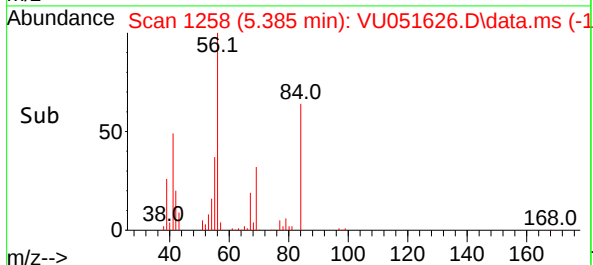
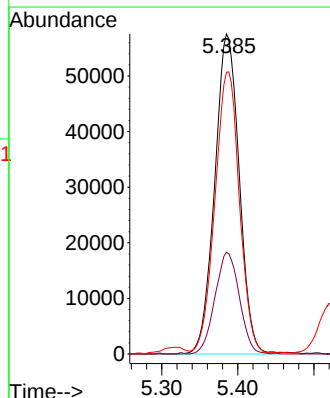
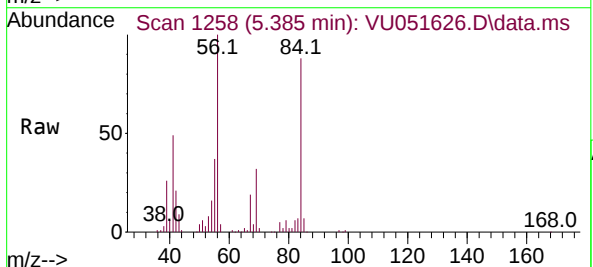
Tgt Ion: 56 Resp: 128728

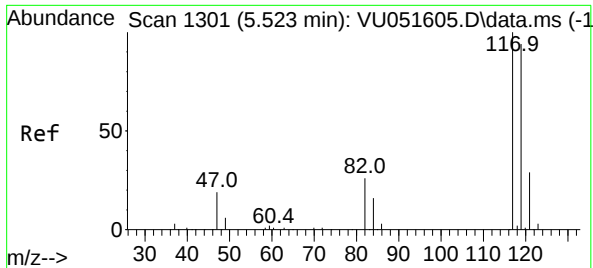
Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.0

84 87.6 71.4 107.0

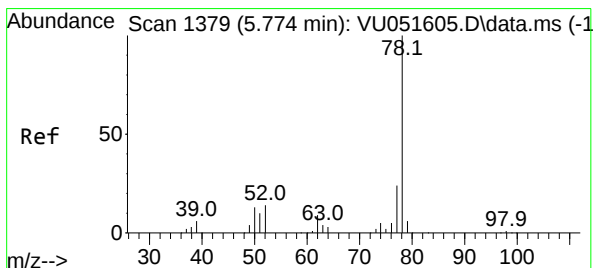
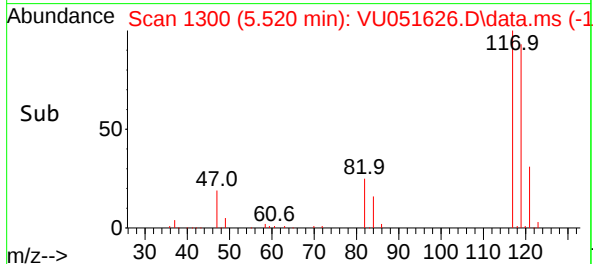
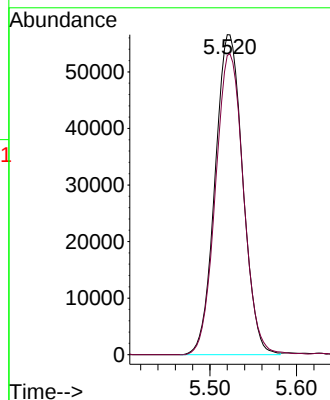
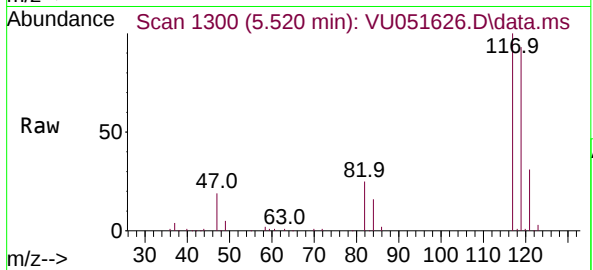




#31
Carbon tetrachloride
Concen: 5.206 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

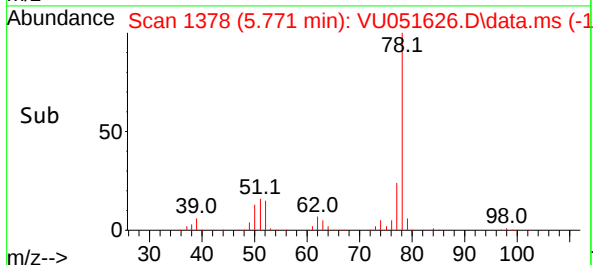
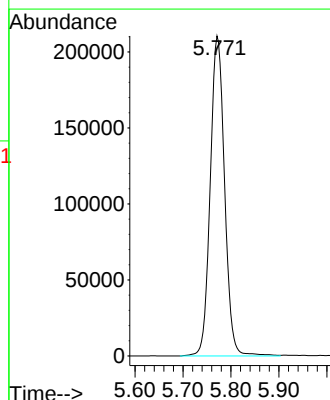
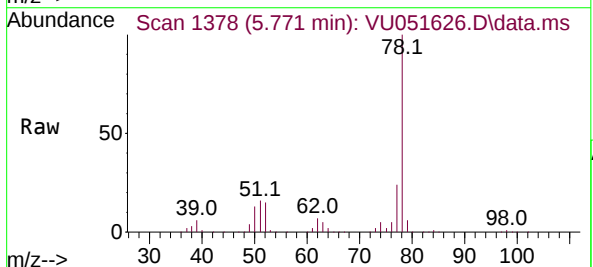
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

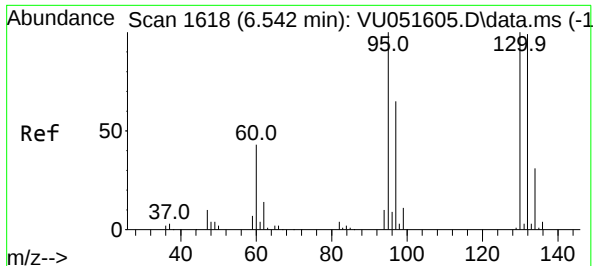
Tgt Ion:117 Resp: 125736
Ion Ratio Lower Upper
117 100
119 95.3 77.5 116.3



#33
Benzene
Concen: 5.333 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 78 Resp: 437770

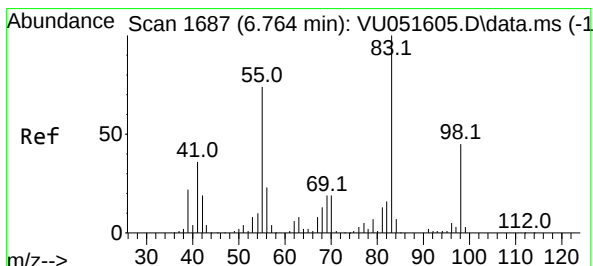
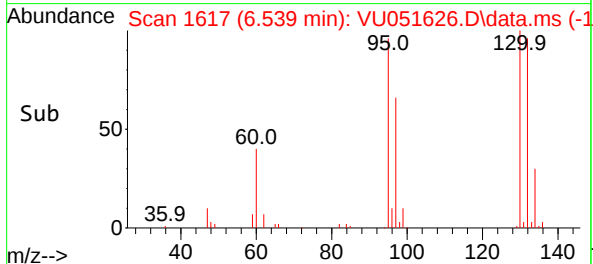
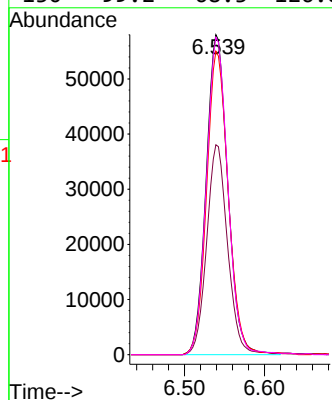
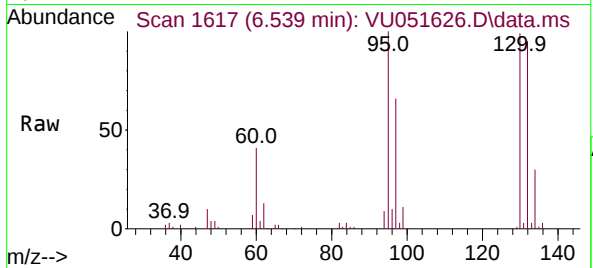




#34
 Trichloroethene
 Concen: 5.500 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

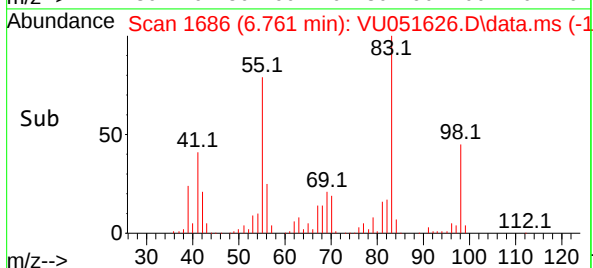
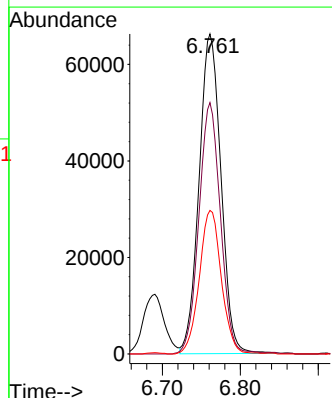
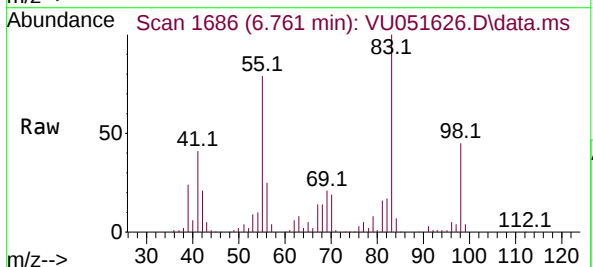
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

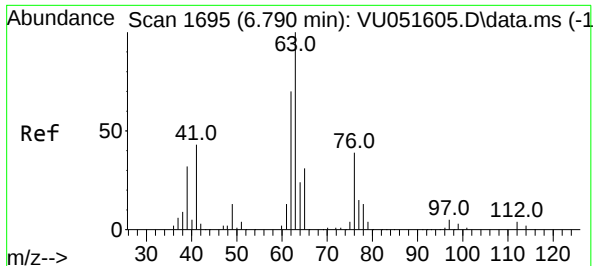
Tgt Ion: 95 Resp: 108959
 Ion Ratio Lower Upper
 95 100
 97 65.6 45.2 84.0
 132 94.9 66.5 123.5
 130 99.2 68.3 126.8



#35
 Methylcyclohexane
 Concen: 4.722 ug/L
 RT: 6.761 min Scan# 1686
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion: 83 Resp: 129329
 Ion Ratio Lower Upper
 83 100
 55 77.4 60.6 90.8
 98 45.3 35.8 53.6

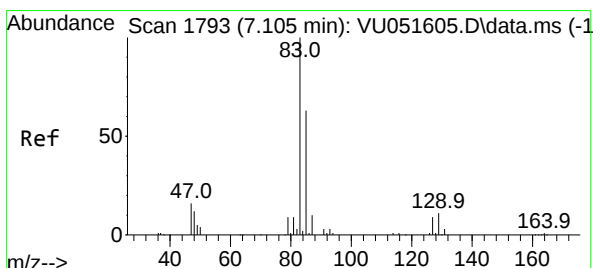
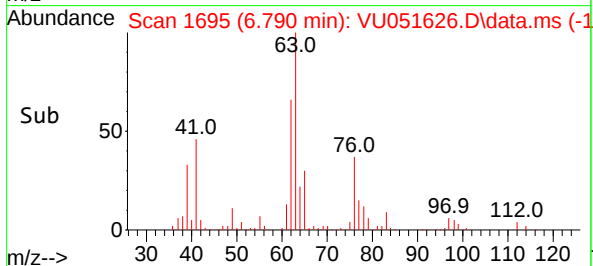
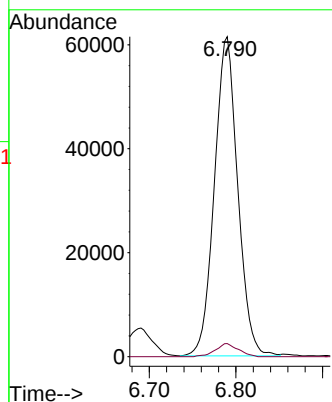
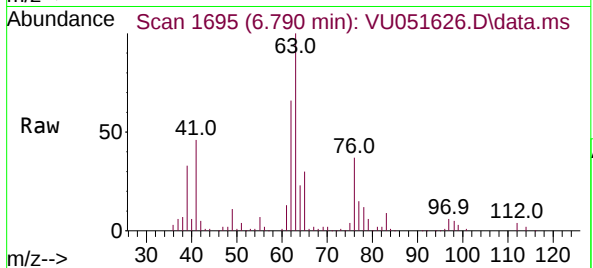




#37
1,2-Dichloropropane
Concen: 5.431 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

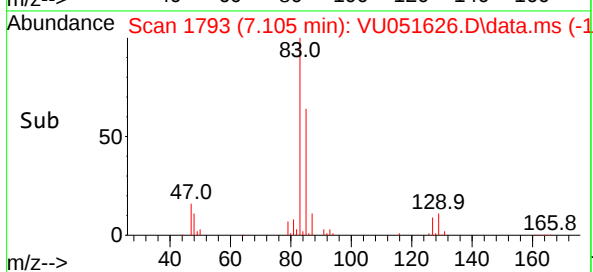
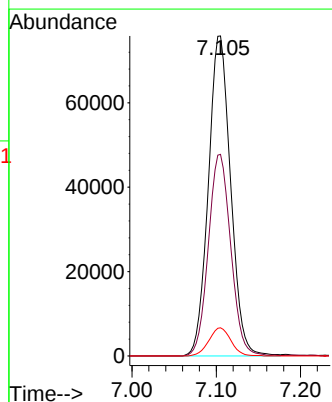
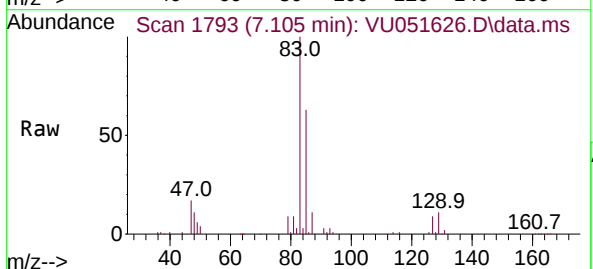
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

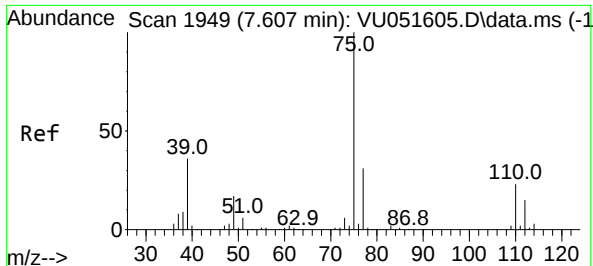
Tgt Ion: 63 Resp: 114663
Ion Ratio Lower Upper
63 100
112 4.0 3.3 4.9



#38
Bromodichloromethane
Concen: 5.409 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 83 Resp: 139479
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7
127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.144 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

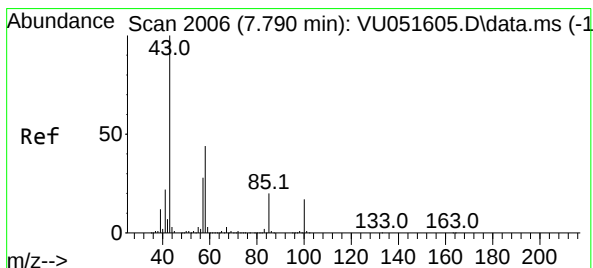
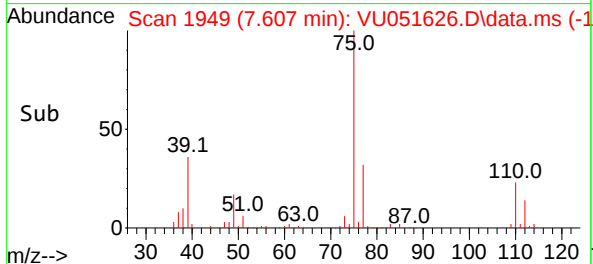
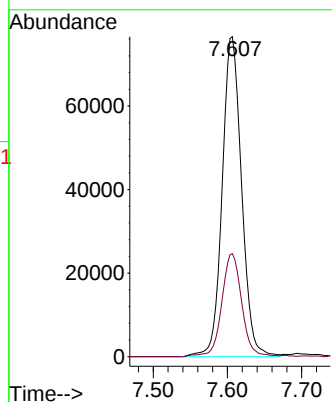
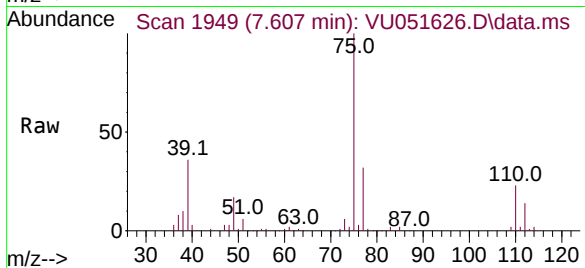
VSTD005190

Tgt Ion: 75 Resp: 139329

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 56.462 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

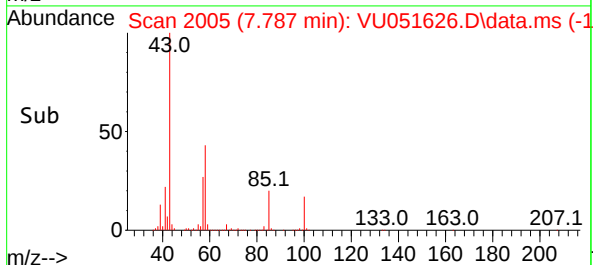
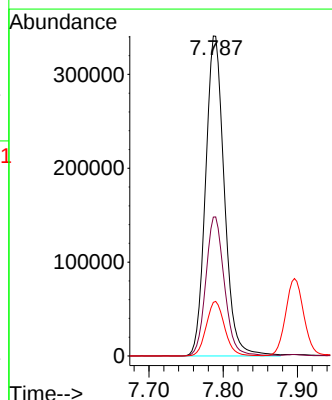
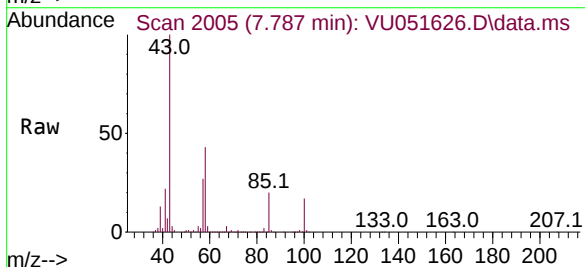
Tgt Ion: 43 Resp: 597902

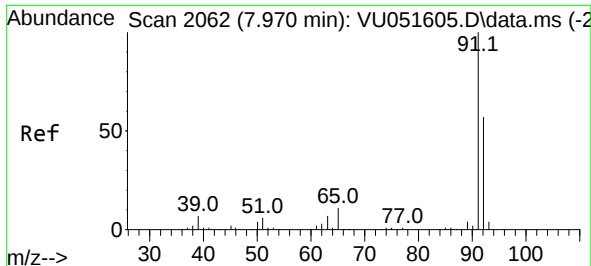
Ion Ratio Lower Upper

43 100

58 43.1 35.0 52.6

100 16.7 13.4 20.0





#42

Toluene

Concen: 5.480 ug/L

RT: 7.967 min Scan# 2062

Delta R.T. -0.003 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

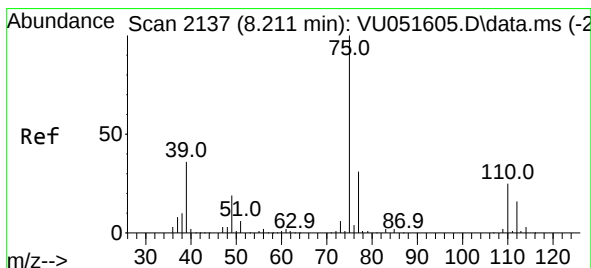
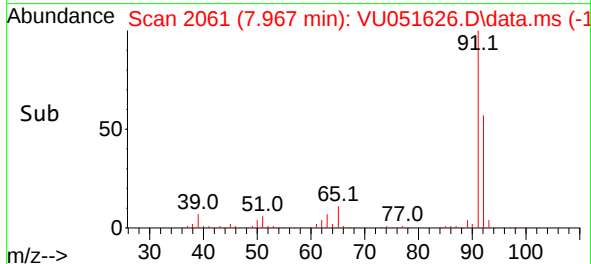
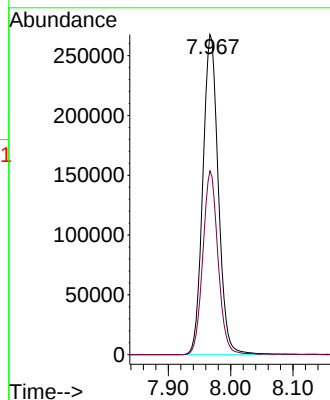
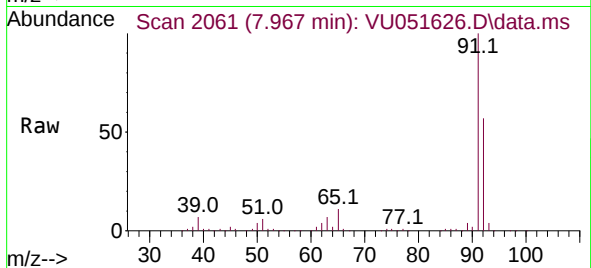
VSTD005190

Tgt Ion: 91 Resp: 461948

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.301 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.003 min

Lab File: VU051626.D

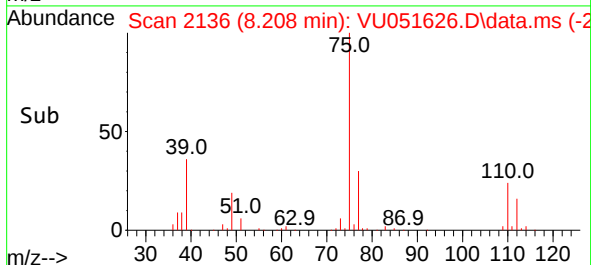
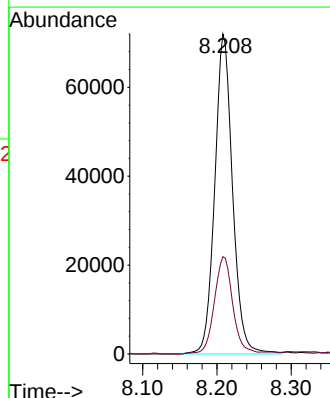
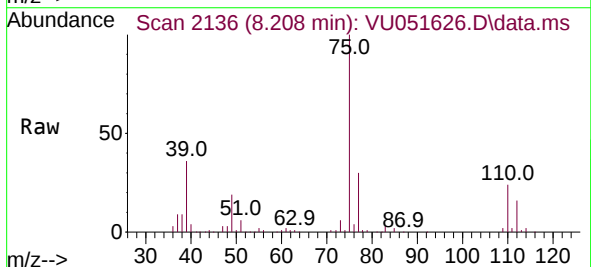
Acq: 31 Oct 2022 21:20

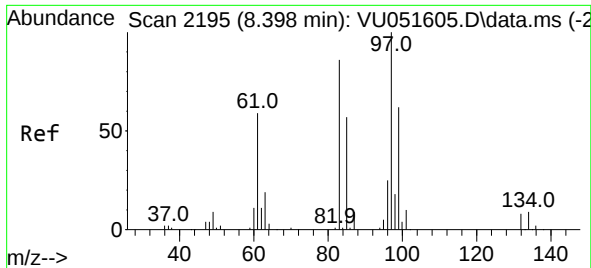
Tgt Ion: 75 Resp: 119997

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.6

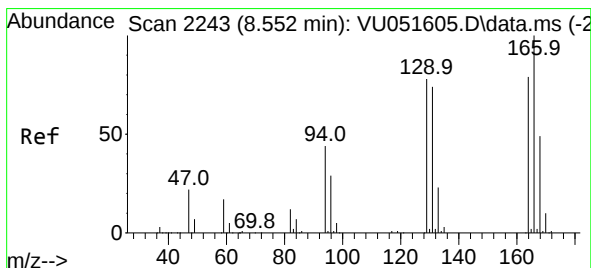
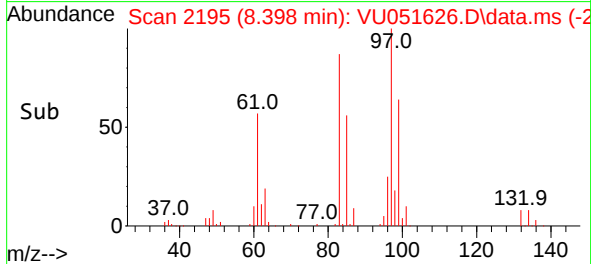
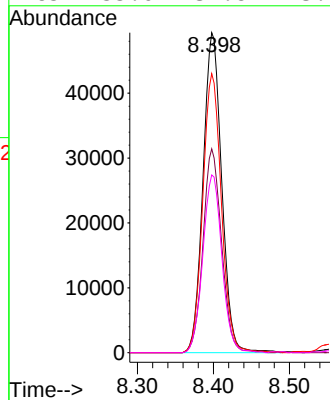
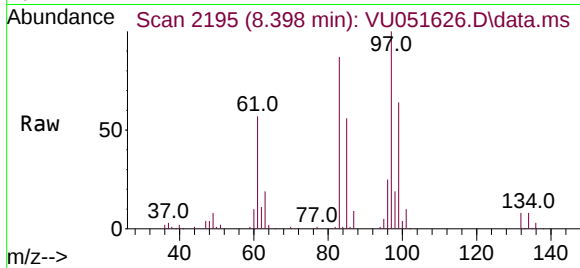




#45
1,1,2-Trichloroethane
Concen: 5.449 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

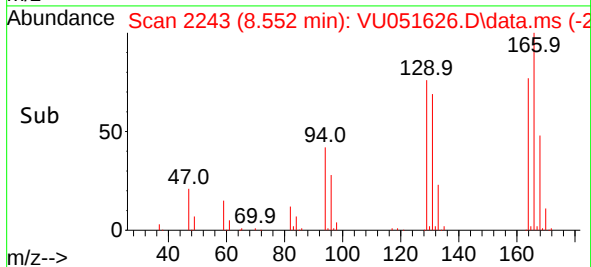
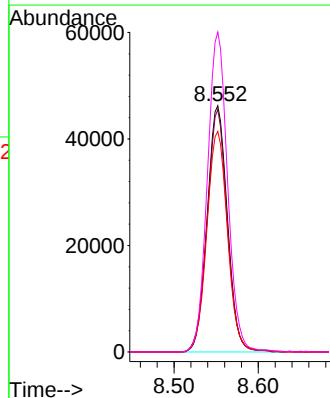
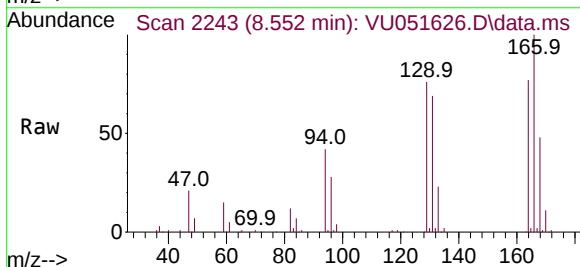
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

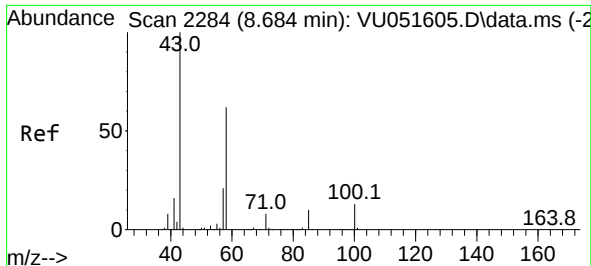
Tgt Ion:	97	Resp:	84305
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.4	80.6
83	87.2	61.3	113.9
85	55.6	39.8	73.8



#47
Tetrachloroethene
Concen: 5.113 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:	164	Resp:	77576
Ion	Ratio	Lower	Upper
164	100		
129	98.5	64.0	118.8
131	89.6	60.7	112.7
166	130.0	86.8	161.2

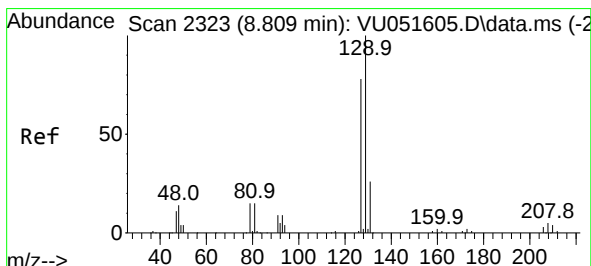
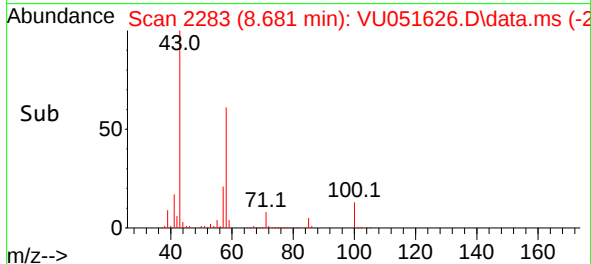
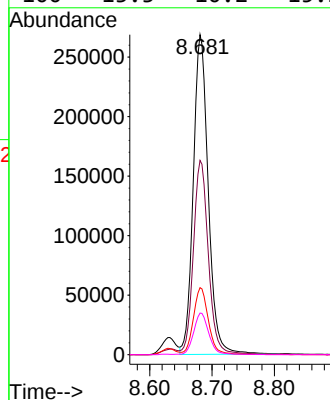
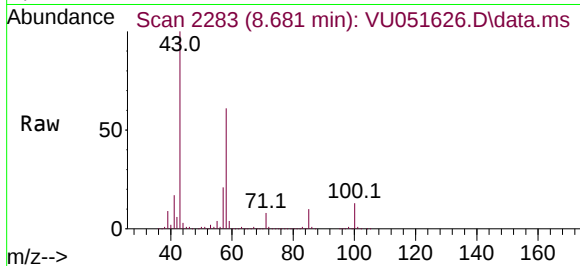




#48
2-Hexanone
Concen: 57.089 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

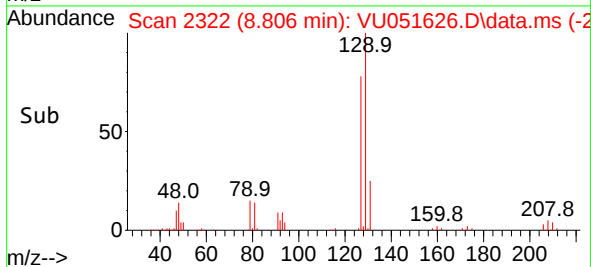
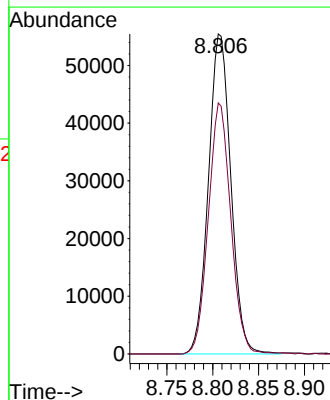
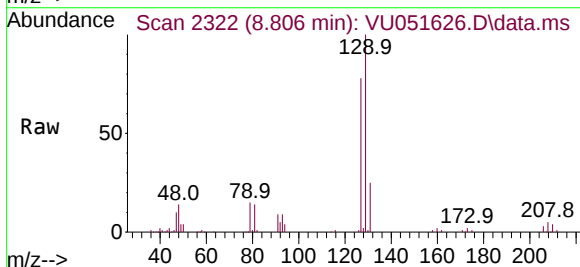
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

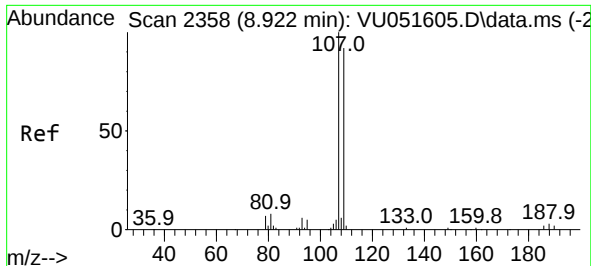
Tgt Ion: 43 Resp: 447481
Ion Ratio Lower Upper
43 100
58 60.4 48.2 72.2
57 20.9 16.6 25.0
100 13.3 10.2 15.2



#49
Dibromochloromethane
Concen: 5.332 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 129 Resp: 94243
Ion Ratio Lower Upper
129 100
127 78.5 54.8 101.8

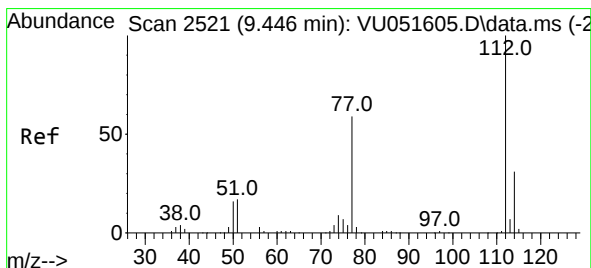
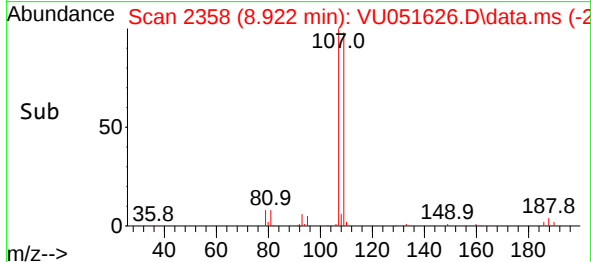
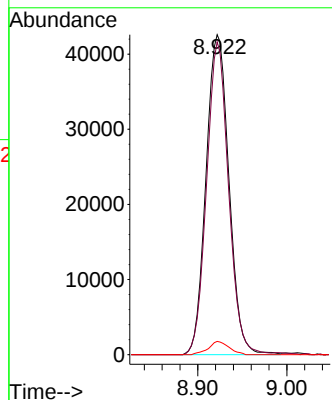
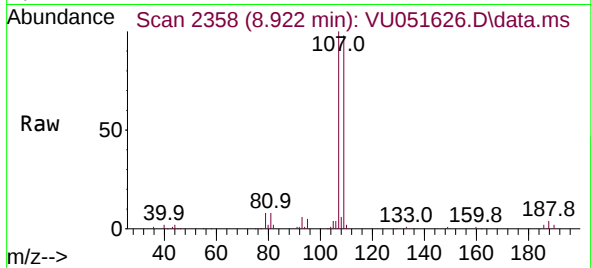




#50
1,2-Dibromoethane
Concen: 5.446 ug/L
RT: 8.922 min Scan# 2358
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

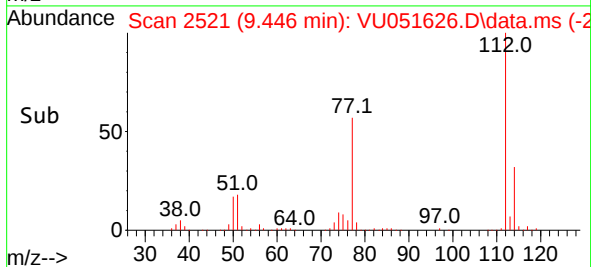
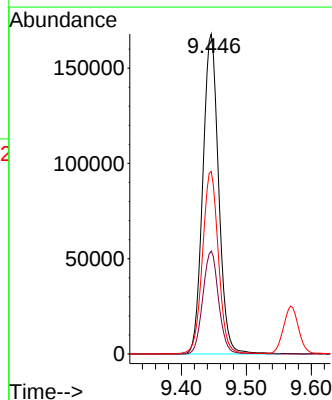
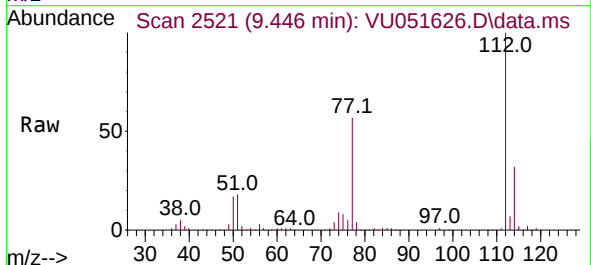
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

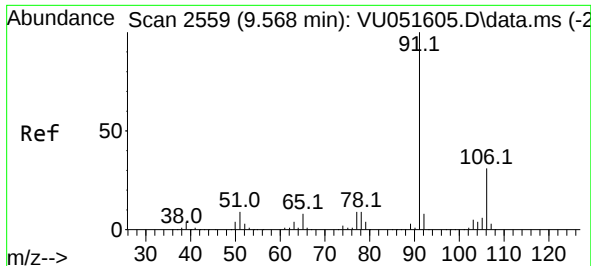
Tgt Ion:107 Resp: 76020
Ion Ratio Lower Upper
107 100
109 97.7 63.0 117.0
188 4.2 3.0 4.4



#51
Chlorobenzene
Concen: 5.361 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:112 Resp: 284436
Ion Ratio Lower Upper
112 100
114 32.2 22.0 40.8
77 57.0 46.7 70.1





#52

Ethylbenzene

Concen: 5.285 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

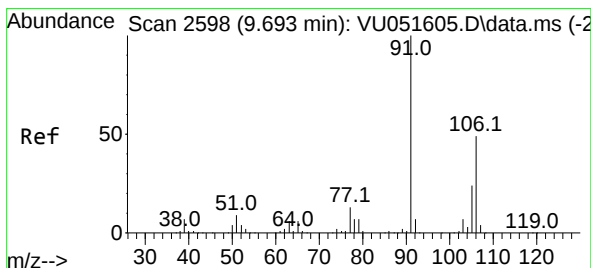
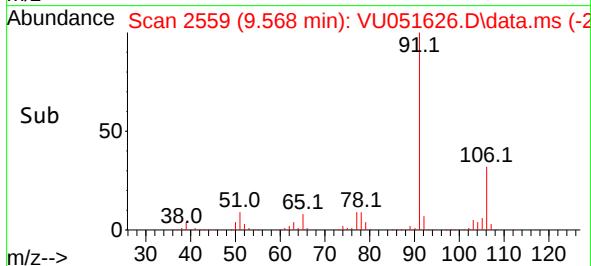
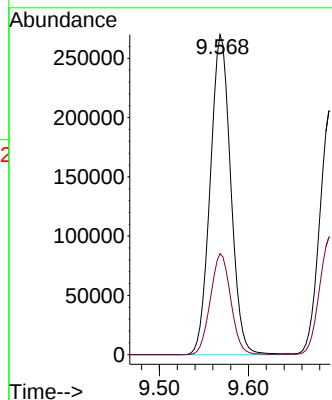
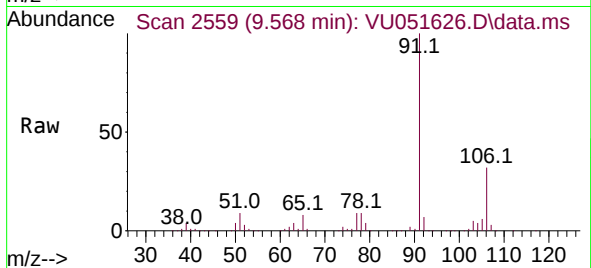
VSTD005190

Tgt Ion: 91 Resp: 429905

Ion Ratio Lower Upper

91 100

106 31.6 21.8 40.6



#53

m,p-Xylene

Concen: 5.348 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051626.D

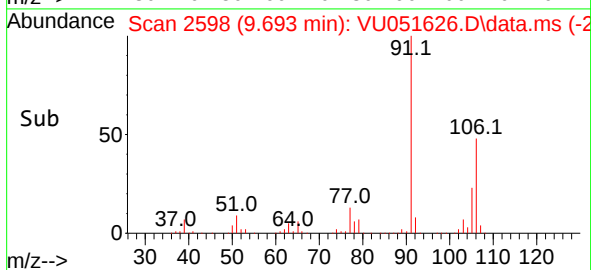
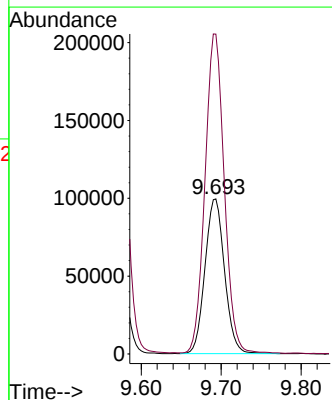
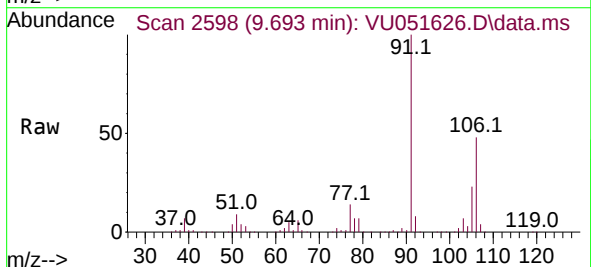
Acq: 31 Oct 2022 21:20

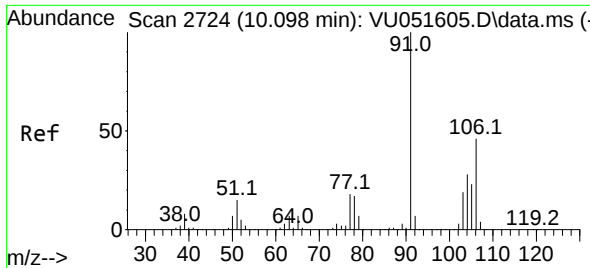
Tgt Ion: 106 Resp: 168959

Ion Ratio Lower Upper

106 100

91 206.3 139.4 259.0

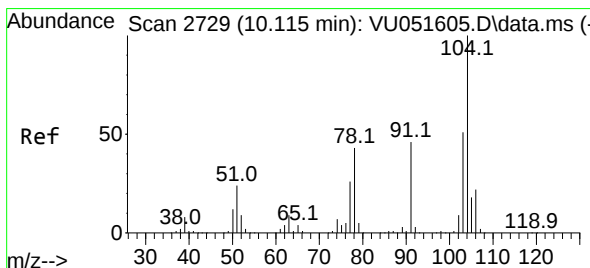
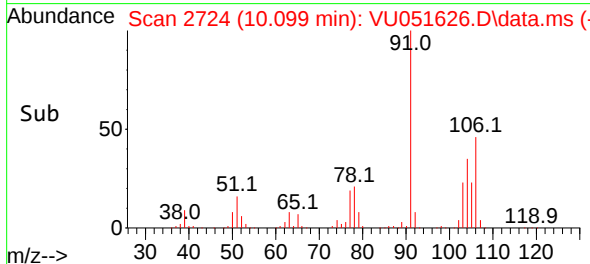
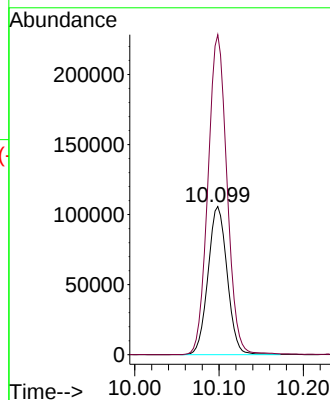
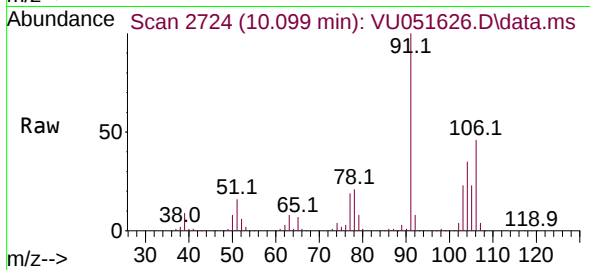




#54
o-Xylene
Concen: 5.426 ug/L
RT: 10.099 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

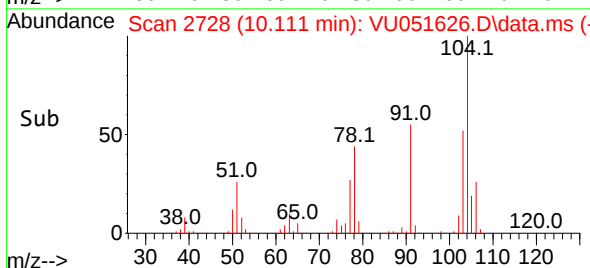
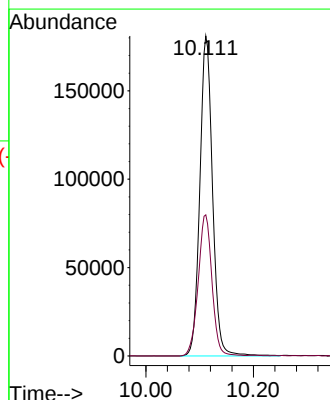
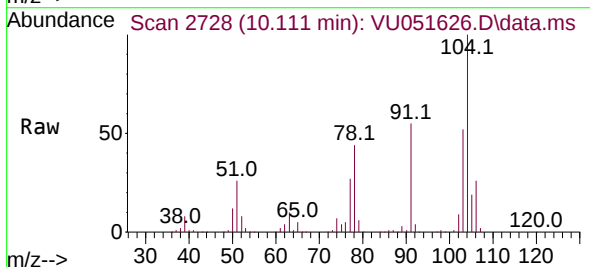
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

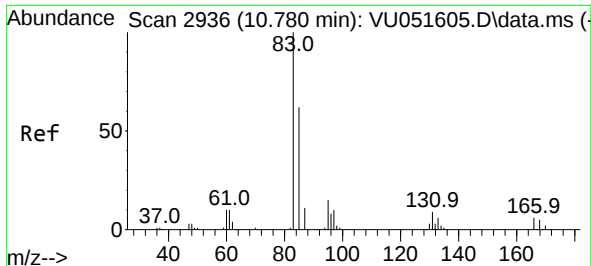
Tgt Ion:106 Resp: 167531
Ion Ratio Lower Upper
106 100
91 216.0 149.2 277.2



#55
Styrene
Concen: 5.757 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:104 Resp: 297189
Ion Ratio Lower Upper
104 100
78 44.1 31.8 59.0

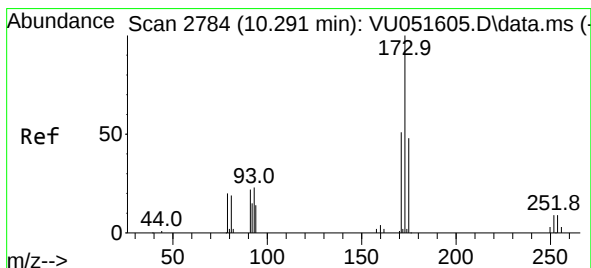
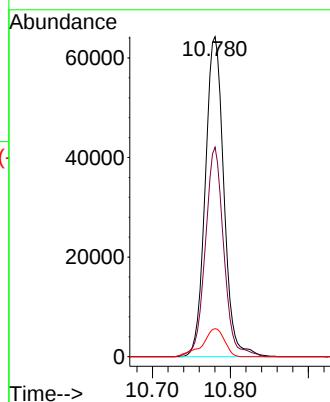
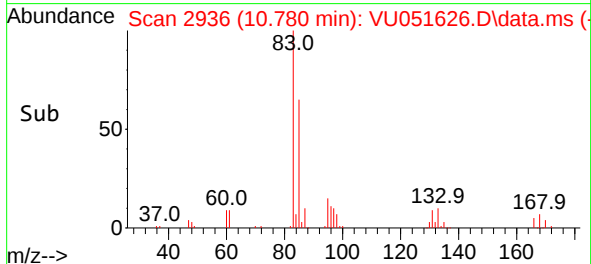
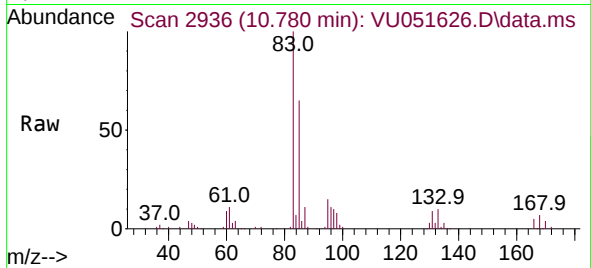




#57
1,1,2-Tetrachloroethane
Concen: 5.555 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

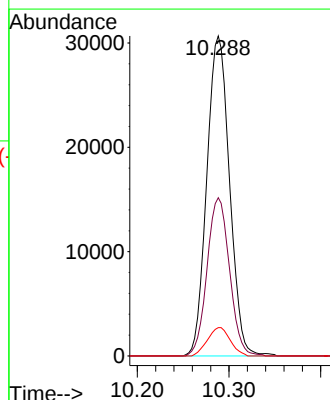
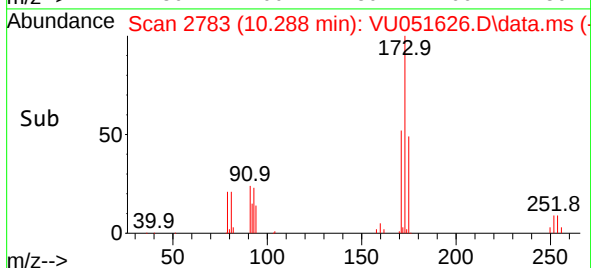
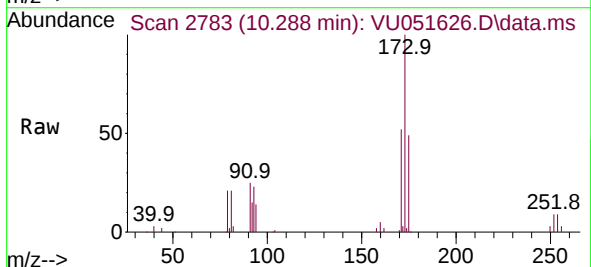
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

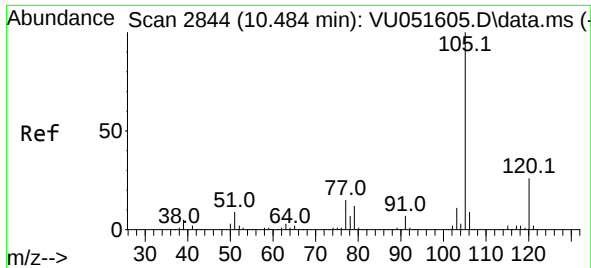
Tgt Ion: 83 Resp: 106557
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
131 8.8 7.8 11.8



#59
Bromoform
Concen: 5.314 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:173 Resp: 52762
Ion Ratio Lower Upper
173 100
175 48.8 38.7 58.1
254 8.9 7.3 10.9

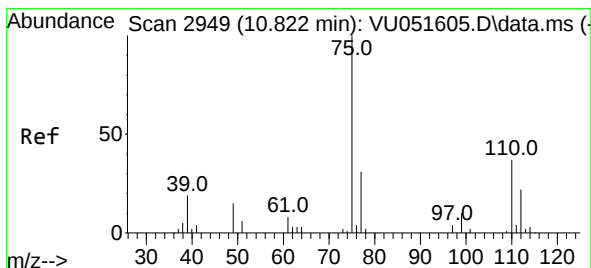
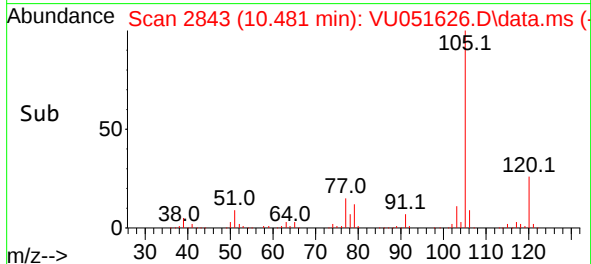
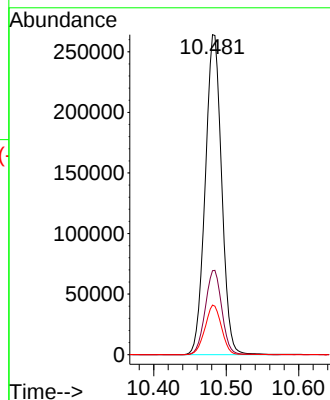
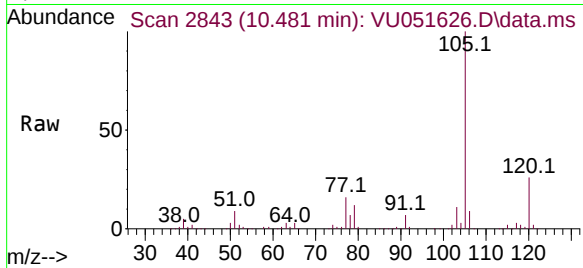




#60
Isopropylbenzene
Concen: 5.286 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

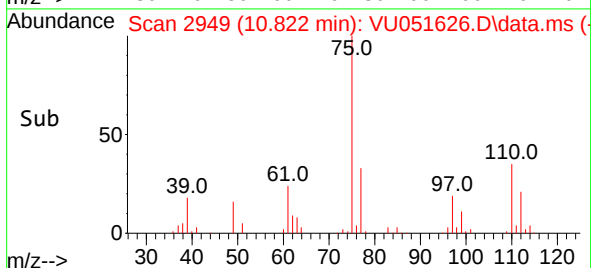
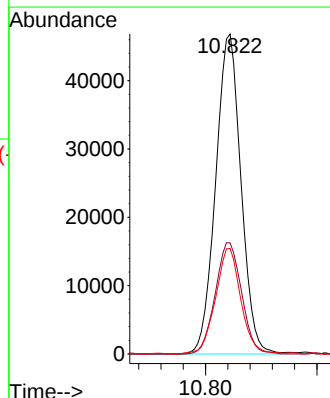
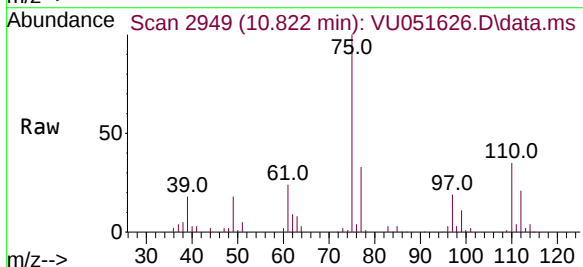
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

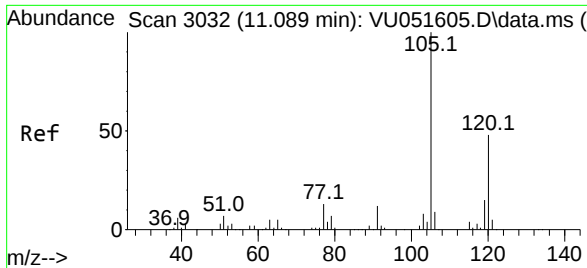
Tgt Ion:105 Resp: 414656
Ion Ratio Lower Upper
105 100
120 26.6 20.9 31.3
77 15.7 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.308 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion: 75 Resp: 73757
Ion Ratio Lower Upper
75 100
110 36.1 28.7 43.1
77 33.1 26.1 39.1

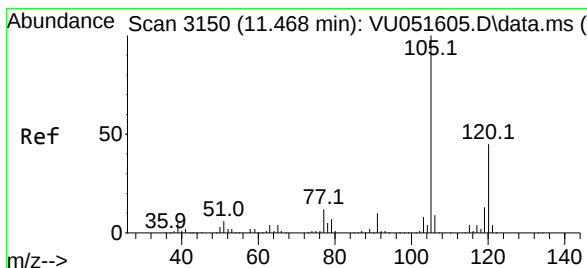
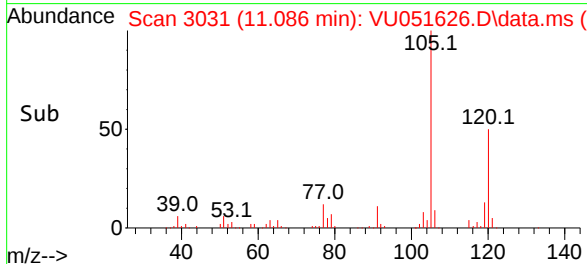
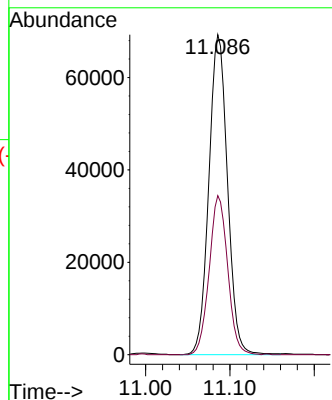
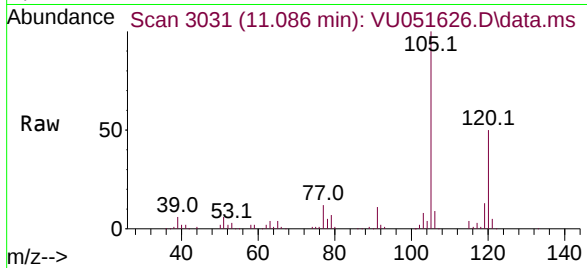




#62
 1,3,5-Trimethylbenzene
 Concen: 5.043 ug/L
 RT: 11.086 min Scan# 3032
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

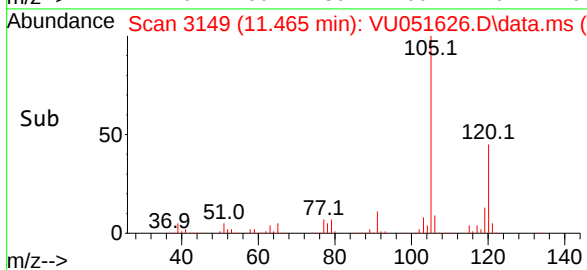
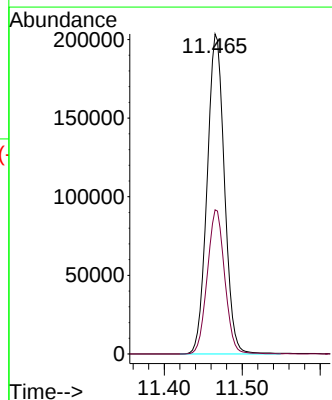
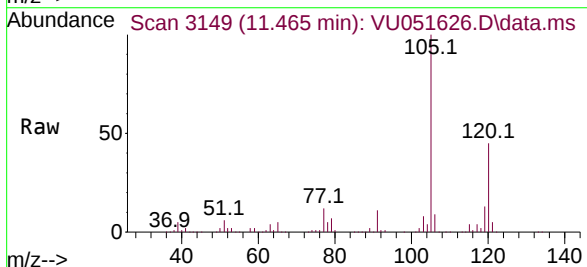
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

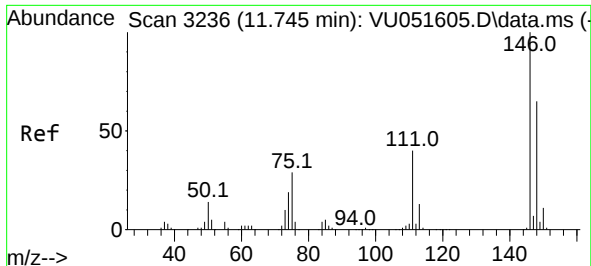
Tgt Ion:105 Resp: 106512
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.152 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion:105 Resp: 313711
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.6

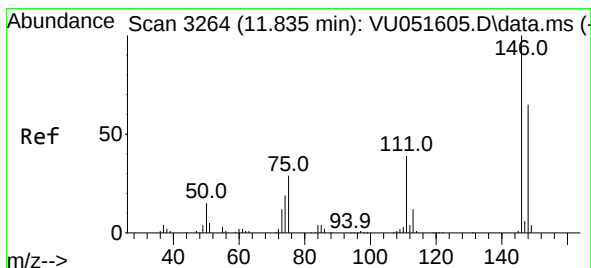
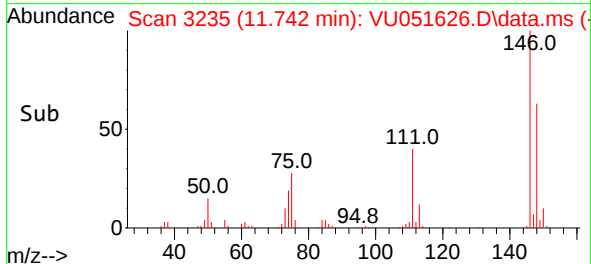
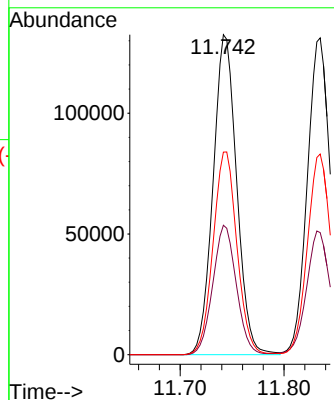
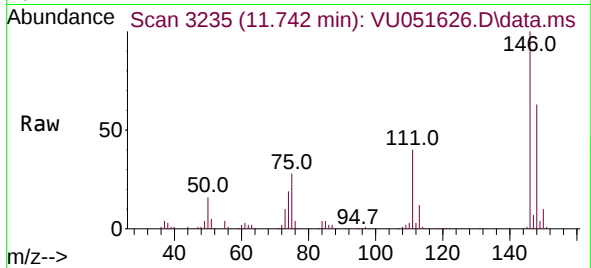




#64
1,3-Dichlorobenzene
Concen: 5.354 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

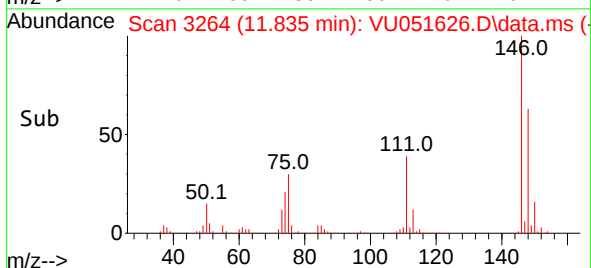
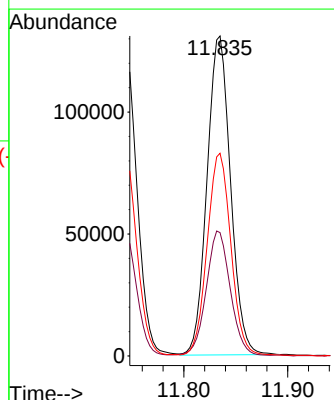
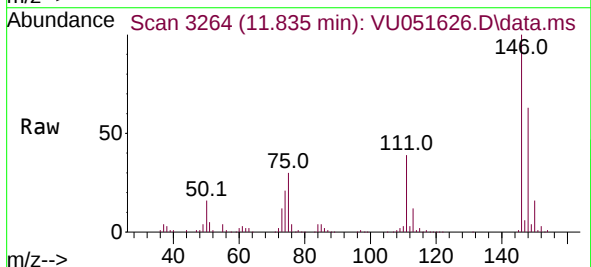
Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

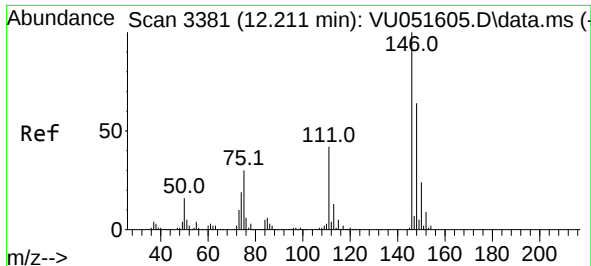
Tgt Ion:146 Resp: 209099
Ion Ratio Lower Upper
146 100
111 40.5 28.6 53.2
148 63.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.247 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:146 Resp: 205462
Ion Ratio Lower Upper
146 100
111 38.6 26.7 49.5
148 63.3 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.282 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

Instrument :

MSVOA_U

ClientSampleId :

VSTD005190

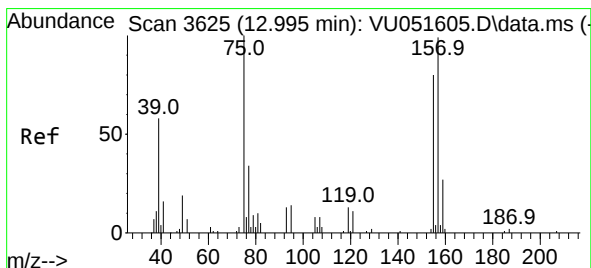
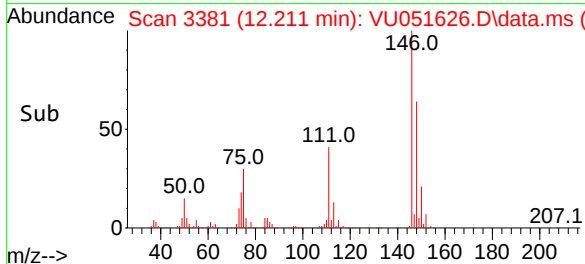
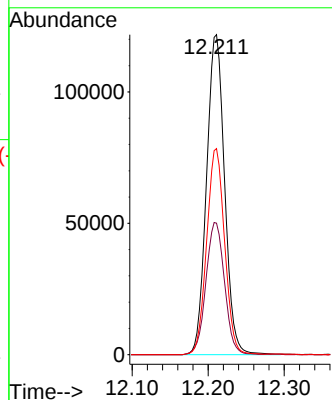
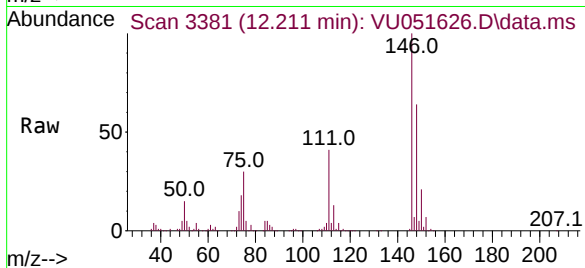
Tgt Ion:146 Resp: 200930

Ion Ratio Lower Upper

146 100

111 41.1 34.2 51.2

148 64.4 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.499 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051626.D

Acq: 31 Oct 2022 21:20

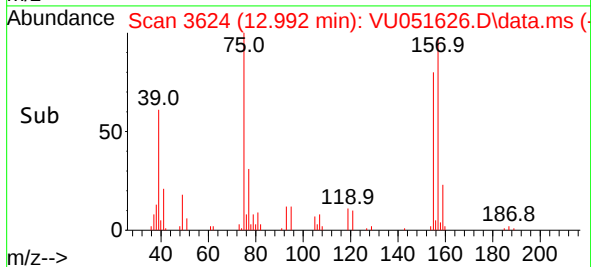
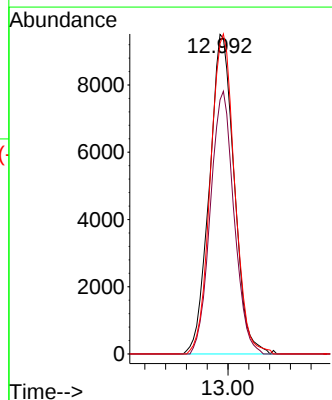
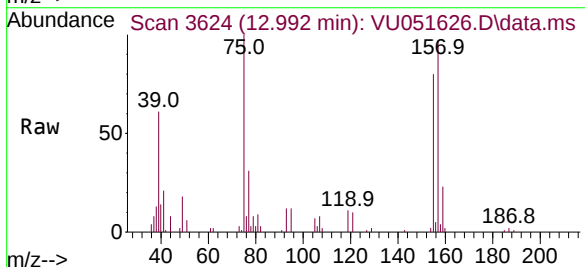
Tgt Ion: 75 Resp: 15736

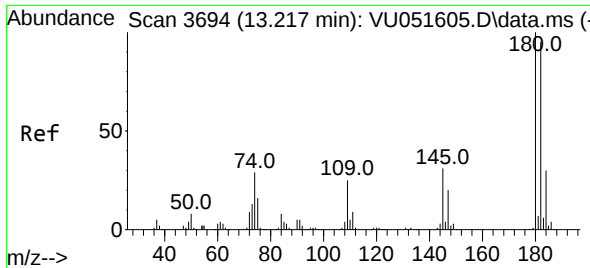
Ion Ratio Lower Upper

75 100

155 79.5 61.4 92.2

157 97.2 86.7 130.1



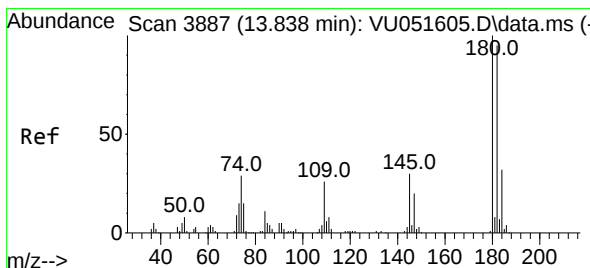
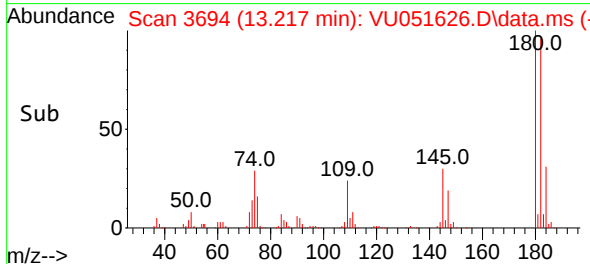
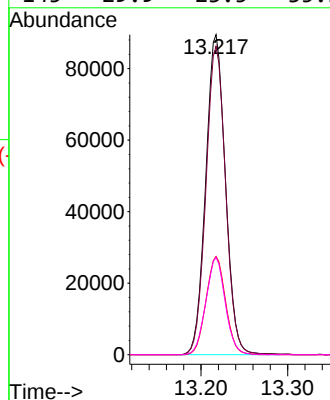
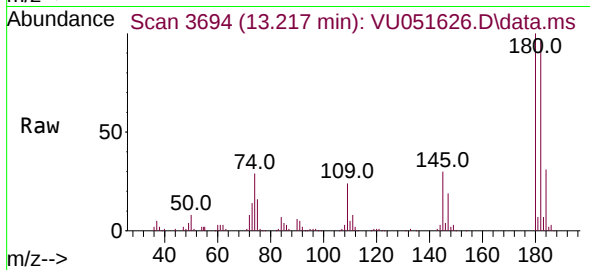


#69
 1,3,5-Trichlorobenzene
 Concen: 5.084 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005190

Tgt Ion:180 Resp: 141530

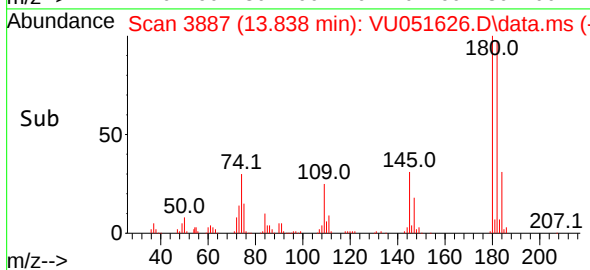
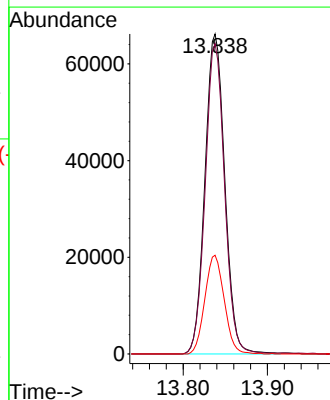
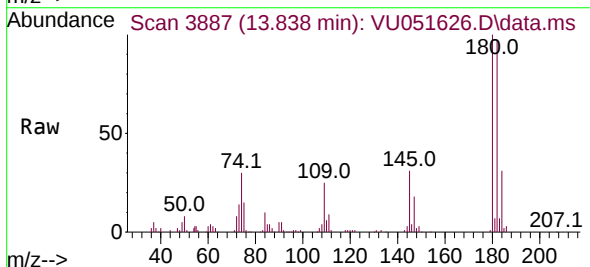
Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.0	115.6
184	30.4	23.7	35.5
145	29.9	23.5	35.3

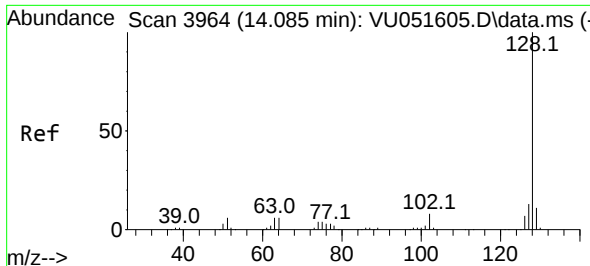


#70
 1,2,4-trichlorobenzene
 Concen: 5.090 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051626.D
 Acq: 31 Oct 2022 21:20

Tgt Ion:180 Resp: 108772

Ion	Ratio	Lower	Upper
180	100		
182	94.5	77.8	116.6
145	30.0	25.0	37.6

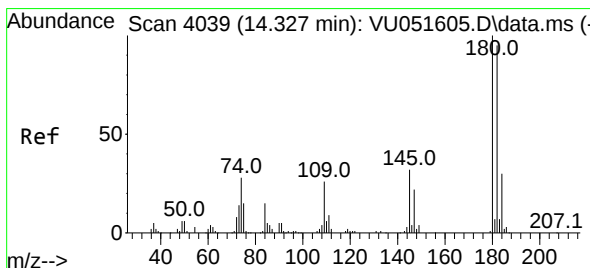
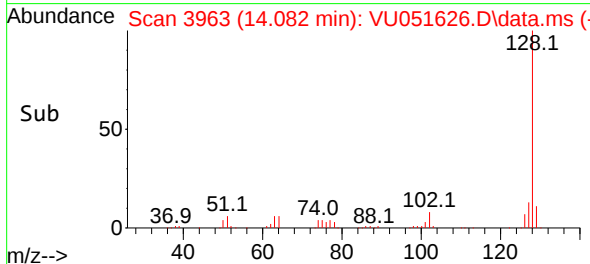
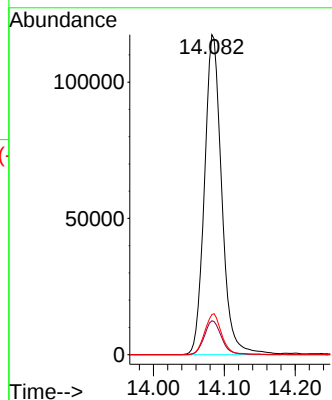
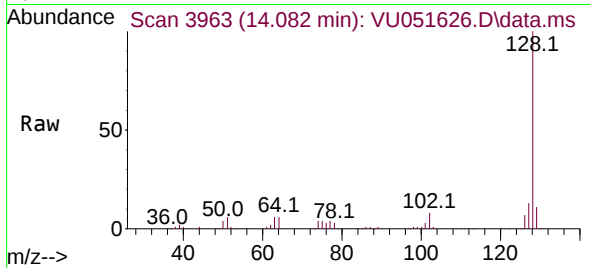




#71
Naphthalene
Concen: 4.976 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Instrument :
MSVOA_U
ClientSampleId :
VSTD005190

Tgt Ion:128 Resp: 198497
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.7 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.142 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051626.D
Acq: 31 Oct 2022 21:20

Tgt Ion:180 Resp: 110976
Ion Ratio Lower Upper
180 100
182 97.1 76.1 114.1
145 32.7 25.6 38.4

