

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110822\
 Data File : VU051774.D
 Acq On : 08 Nov 2022 09:31
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

Quant Time: Nov 08 23:55:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	193211	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	123721	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85451	5.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.400%
7) Chloroethane-d5	1.912	69	76275	5.026	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.600%
11) 1,1-Dichloroethene-d2	2.565	65	35610	6.743	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	134.800%#
20) 2-Butanone-d5	4.617	46	187041	35.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.980%
24) Chloroform-d	5.060	84	162671	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.700	65	82668	4.494	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.726	84	341337	5.381	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
36) 1,2-Dichloropropane-d6	6.690	67	104396	4.706	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.896	98	325695	6.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	130.600%#
43) trans-1,3-Dichloroprop...	8.179	79	36458	5.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.600%
46) 2-Hexanone-d5	8.629	63	165091	40.434	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.860%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	92743	4.562	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	112084	4.936	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	108981	5.158	ug/L	99
3) Chloromethane	1.523	50	103034	3.868	ug/L	98
5) Vinyl chloride	1.604	62	124625	4.884	ug/L	91
6) Bromomethane	1.855	94	69152	5.716	ug/L	96
8) Chloroethane	1.932	64	76304	4.925	ug/L	99
9) Trichlorofluoromethane	2.138	101	158342	5.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	97699	5.933	ug/L	97
12) 1,1-Dichloroethene	2.578	96	87230	5.193	ug/L	90
13) Acetone	2.620	43	148896	55.684	ug/L	99
14) Carbon disulfide	2.793	76	223968	4.136	ug/L	100
15) Methyl Acetate	2.948	43	37487	5.355	ug/L	98
16) Methylene chloride	3.044	84	113304	4.118	ug/L	98
17) Methyl tert-butyl Ether	3.359	73	214059	5.558	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	89664	4.974	ug/L	99
19) 1,1-Dichloroethane	3.867	63	179494	5.398	ug/L	98
21) 2-Butanone	4.697	43	241941	57.778	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	106376	5.333	ug/L	99
23) Bromochloromethane	4.973	128	49515	5.309	ug/L	98
25) Chloroform	5.086	83	196140	5.686	ug/L	99

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 Sample : VSTDCCC005
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 ALS Vial : 2 Sample Multiplier: 1

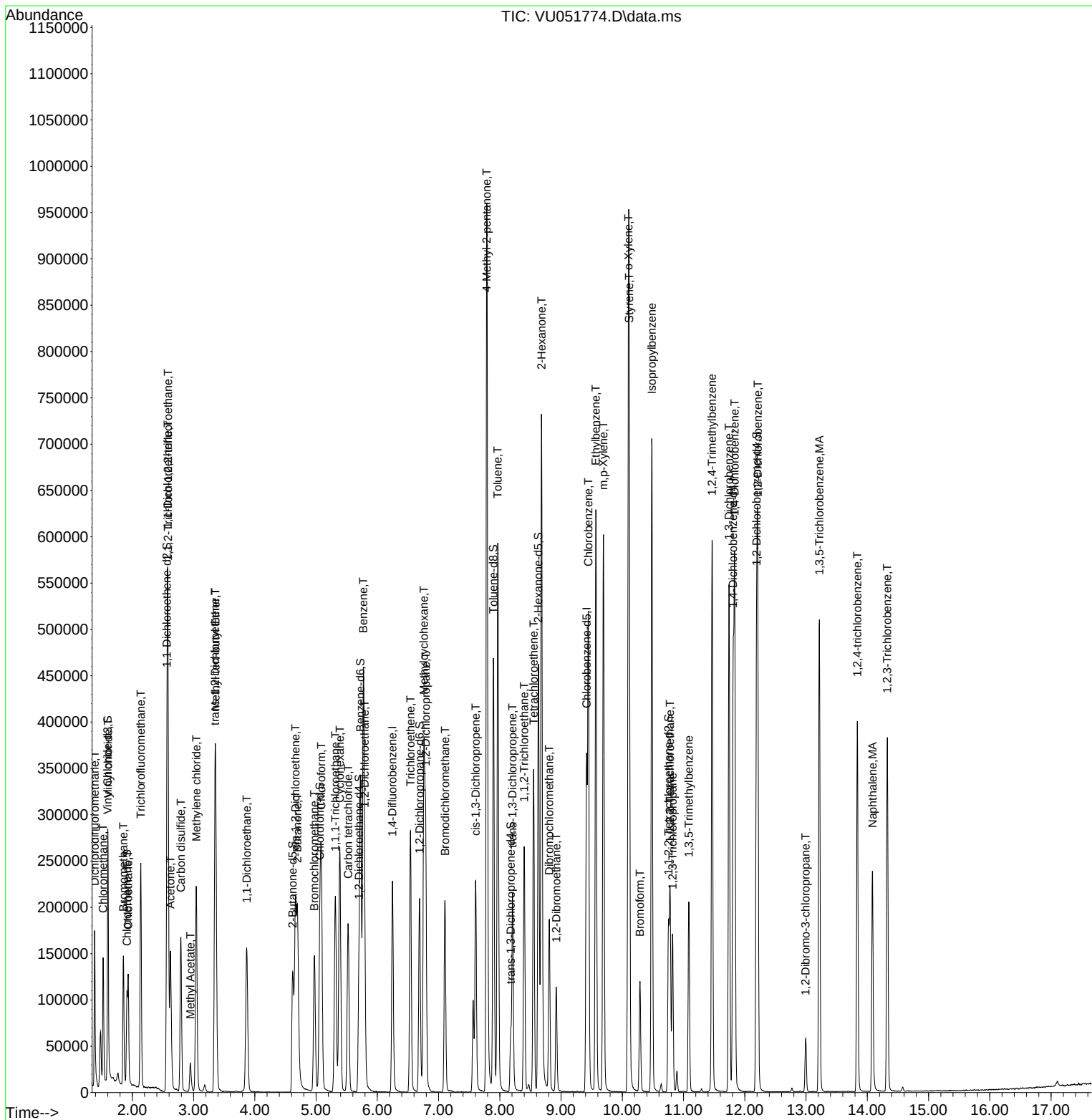
Instrument :
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 ClientSampleId :
 VSTD005083

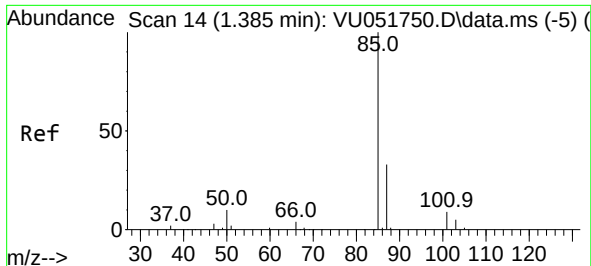
Quant Time: Nov 08 23:55:14 2022
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 04 22:04:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111477	5.252	ug/L	100
29) 1,1,1-Trichloroethane	5.314	97	153031	5.607	ug/L	99
30) Cyclohexane	5.388	56	124148	4.940	ug/L	99
31) Carbon tetrachloride	5.523	117	126993	5.440	ug/L	99
33) Benzene	5.771	78	413935	5.218	ug/L	100
34) Trichloroethene	6.542	95	102851	5.372	ug/L	98
35) Methylcyclohexane	6.761	83	138889	5.247	ug/L	100
37) 1,2-Dichloropropane	6.790	63	110617	5.421	ug/L	100
38) Bromodichloromethane	7.105	83	139976	5.616	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	142311	5.437	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	598463	58.478	ug/L	99
42) Toluene	7.967	91	449779	5.521	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	126832	5.798	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	86981	5.817	ug/L	98
47) Tetrachloroethene	8.552	164	80006	5.457	ug/L	98
48) 2-Hexanone	8.681	43	437088	57.699	ug/L	98
49) Dibromochloromethane	8.809	129	98773	5.783	ug/L	98
50) 1,2-Dibromoethane	8.922	107	75595	5.604	ug/L	97
51) Chlorobenzene	9.446	112	284508	5.549	ug/L	99
52) Ethylbenzene	9.568	91	443591	5.643	ug/L	100
53) m,p-Xylene	9.693	106	178294	5.839	ug/L	99
54) o-Xylene	10.099	106	170558	5.716	ug/L	98
55) Styrene	10.115	104	303593	6.085	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	110209	5.945	ug/L	98
59) Bromoform	10.288	173	55086	4.819	ug/L	99
60) Isopropylbenzene	10.481	105	454256	5.029	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	75264	4.704	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	114429	4.706	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	338075	4.822	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	231612	5.151	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	228356	5.065	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	216614	4.946	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.992	75	15889	4.823	ug/L	90
69) 1,3,5-Trichlorobenzene	13.217	180	164467	5.132	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	127154	5.168	ug/L	98
71) Naphthalene	14.086	128	206009	4.485	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119877	4.825	ug/L	98

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

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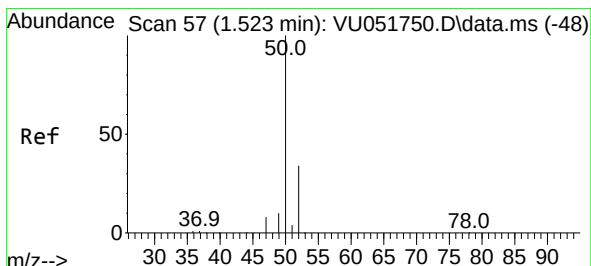
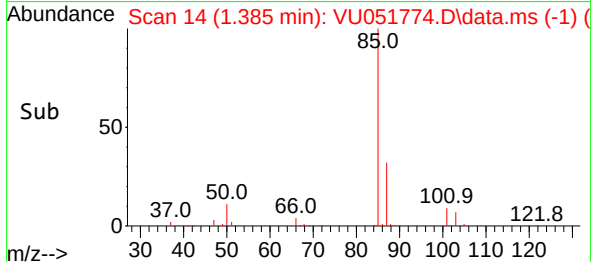
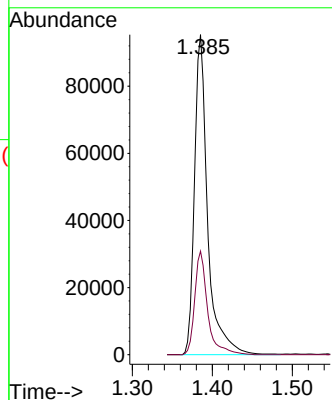
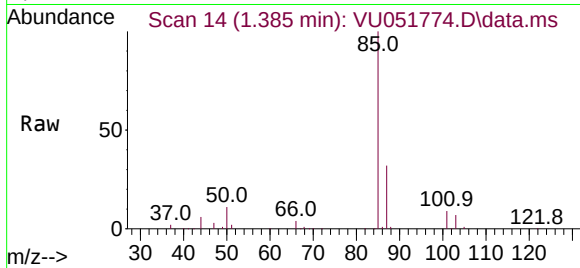




#2
Dichlorodifluoromethane
Concen: 5.158 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

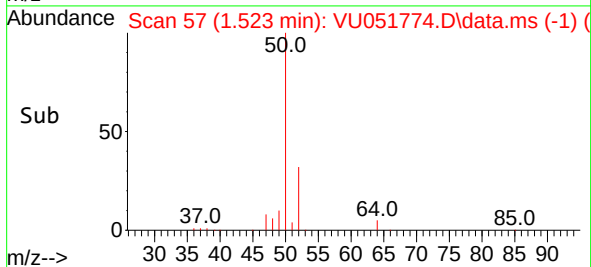
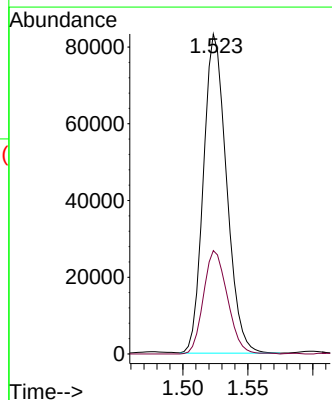
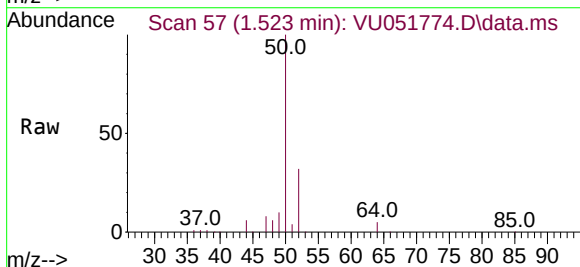
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

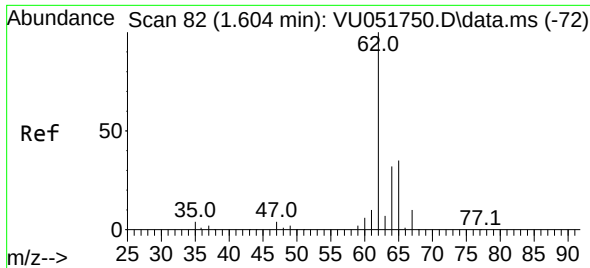
Tgt Ion: 85 Resp: 108981
Ion Ratio Lower Upper
85 100
87 31.8 25.7 38.5



#3
Chloromethane
Concen: 3.868 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 50 Resp: 103034
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2

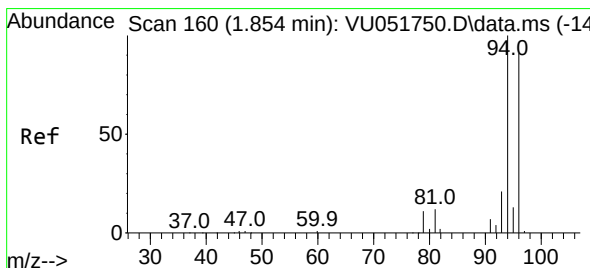
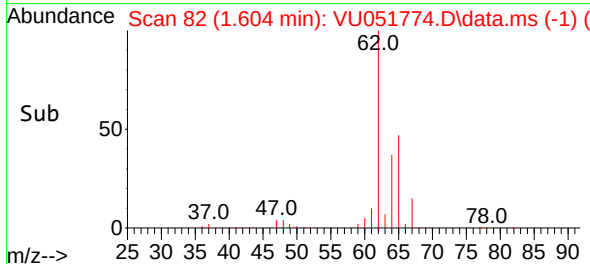
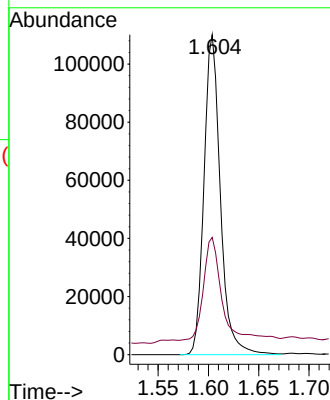
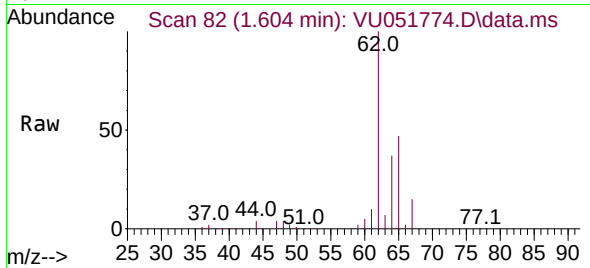




#5
 Vinyl chloride
 Concen: 4.884 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

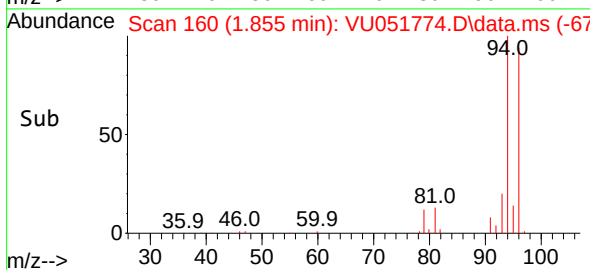
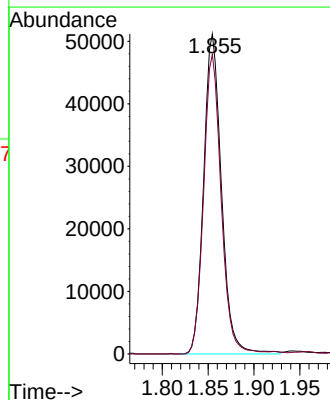
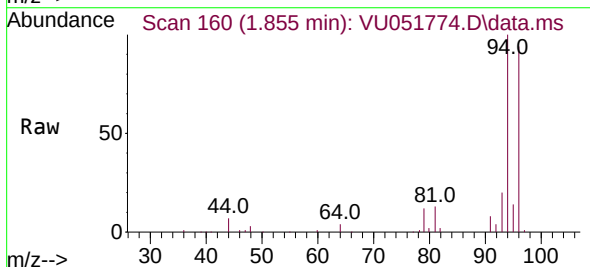
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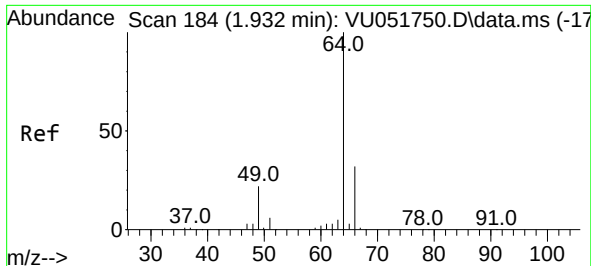
Tgt Ion: 62 Resp: 124625
 Ion Ratio Lower Upper
 62 100
 64 36.7 22.1 41.1



#6
 Bromomethane
 Concen: 5.716 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

Tgt Ion: 94 Resp: 69152
 Ion Ratio Lower Upper
 94 100
 96 93.6 63.2 117.4

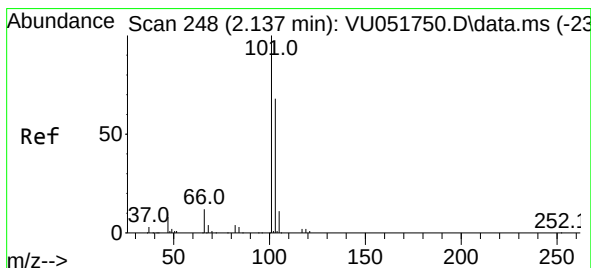
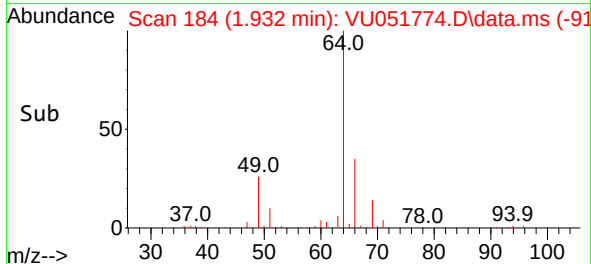
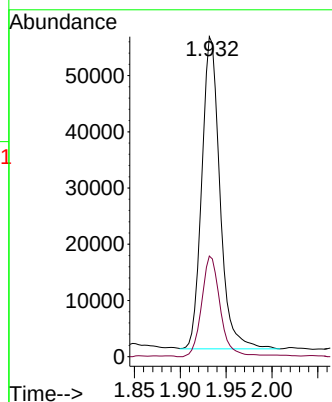
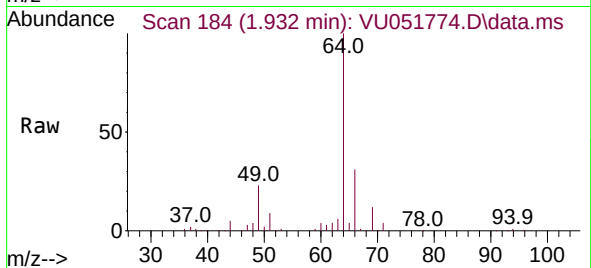




#8
Chloroethane
Concen: 4.925 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

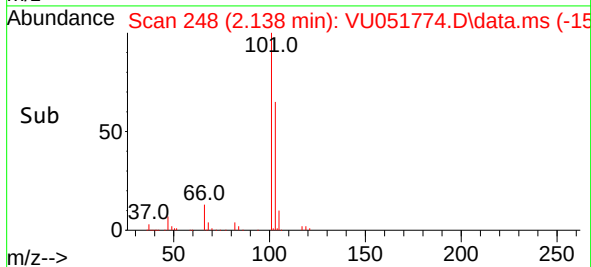
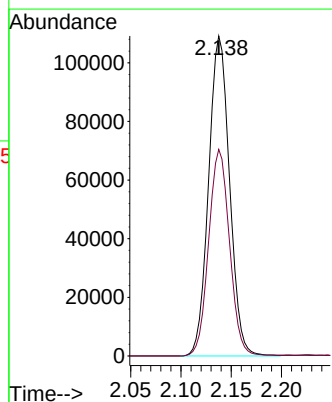
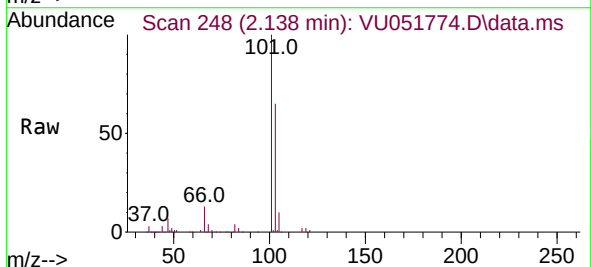
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ClientSampleId :
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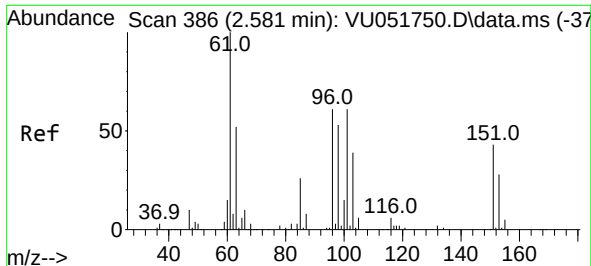
Tgt Ion: 64 Resp: 76304
Ion Ratio Lower Upper
64 100
66 31.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.653 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 101 Resp: 158342
Ion Ratio Lower Upper
101 100
103 64.3 51.8 77.6

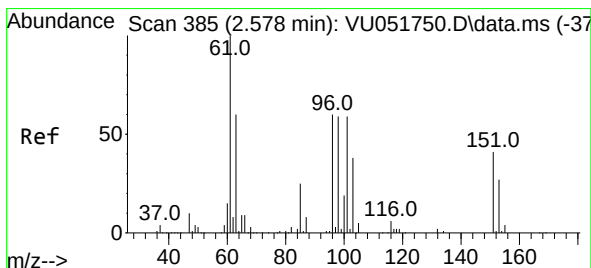
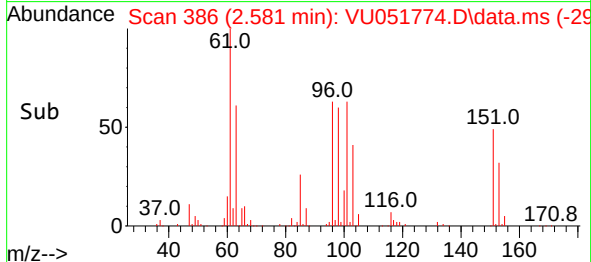
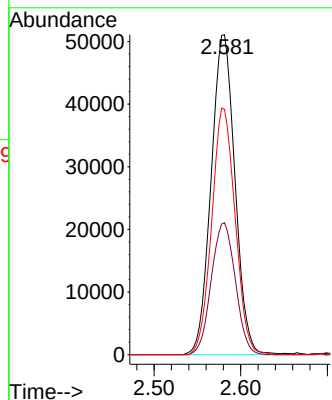
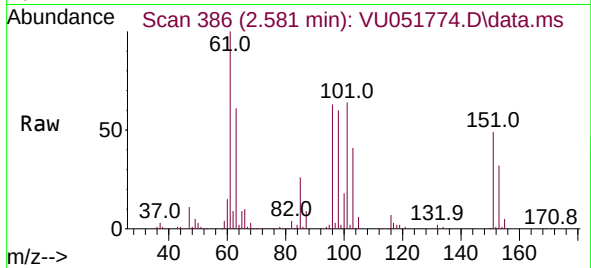




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.933 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

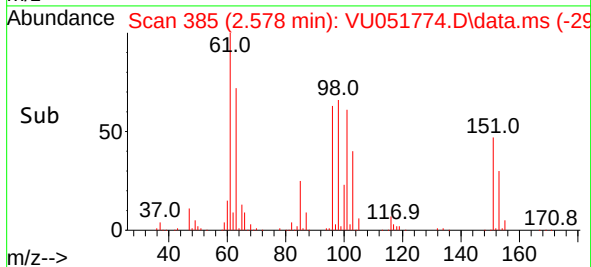
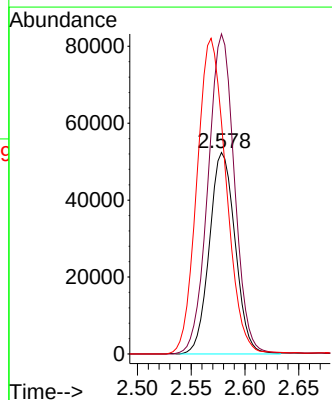
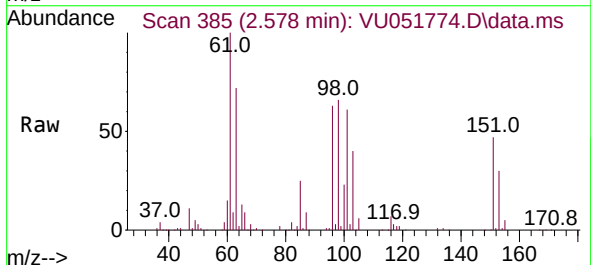
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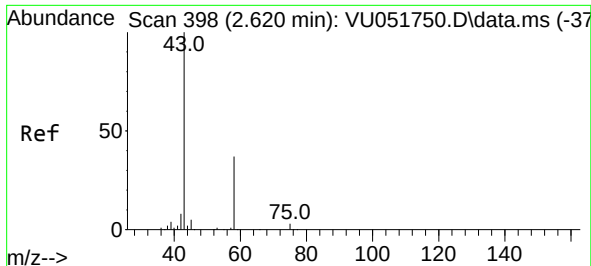
Tgt Ion:101 Resp: 97699
 Ion Ratio Lower Upper
 101 100
 85 41.5 35.6 53.4
 151 75.7 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.193 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

Tgt Ion: 96 Resp: 87230
 Ion Ratio Lower Upper
 96 100
 61 158.9 108.8 202.0
 63 115.0 64.9 120.5





#13

Acetone

Concen: 55.684 ug/L

RT: 2.620 min Scan# 398

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

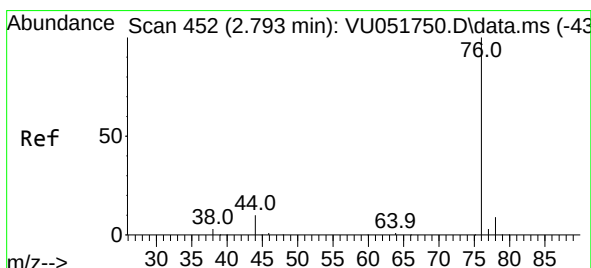
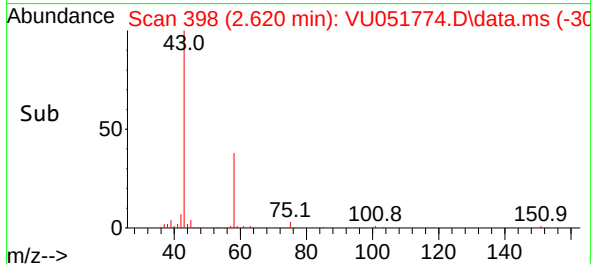
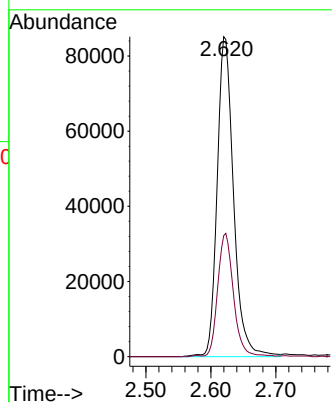
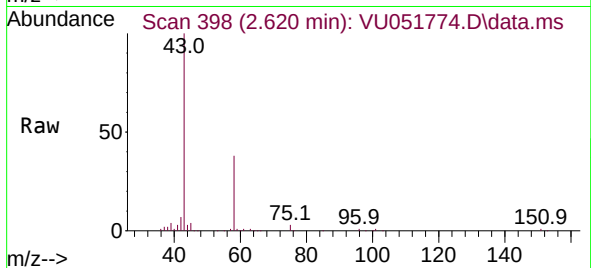
VSTD005083

Tgt Ion: 43 Resp: 148896

Ion Ratio Lower Upper

43 100

58 36.2 0.0 73.8



#14

Carbon disulfide

Concen: 4.136 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051774.D

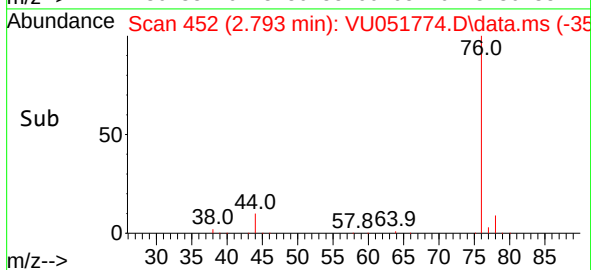
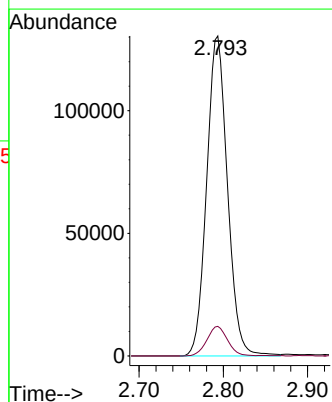
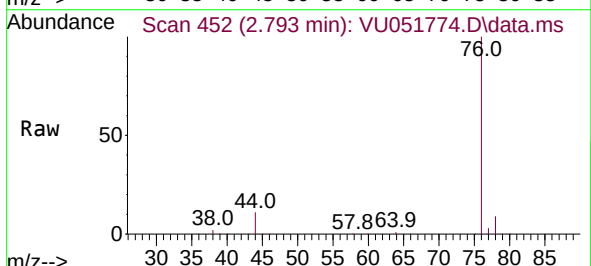
Acq: 08 Nov 2022 09:31

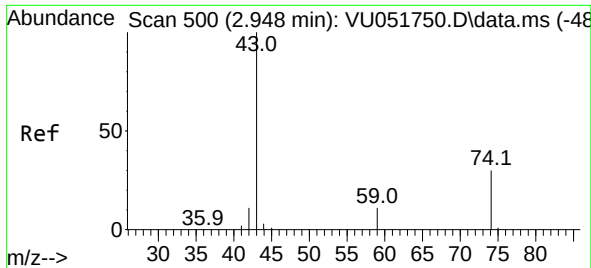
Tgt Ion: 76 Resp: 223968

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

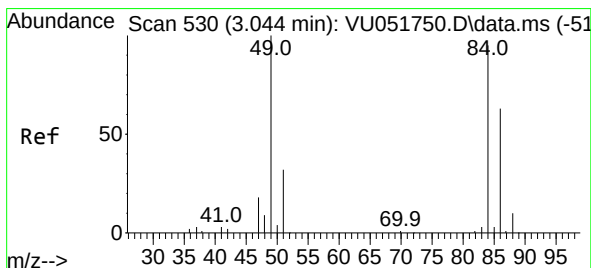
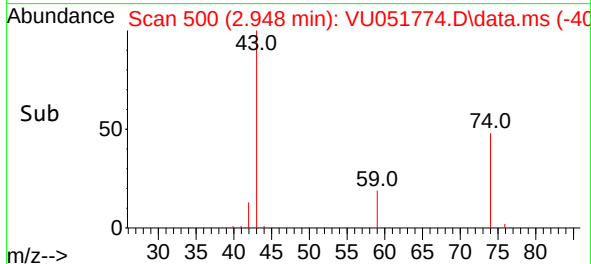
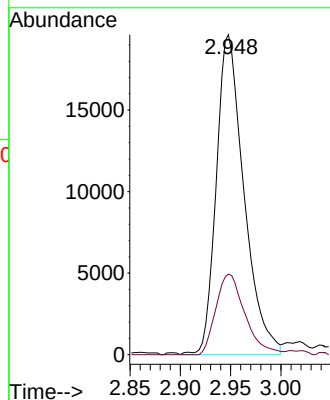
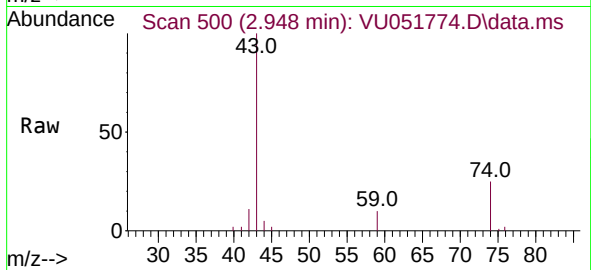




#15
Methyl Acetate
Concen: 5.355 ug/L
RT: 2.948 min Scan# 500
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

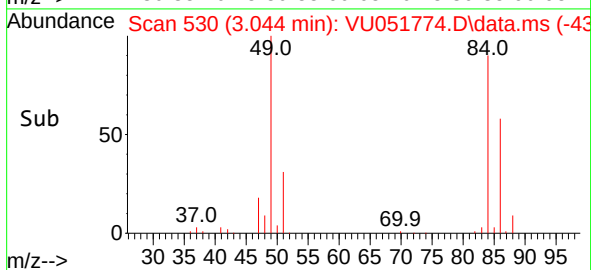
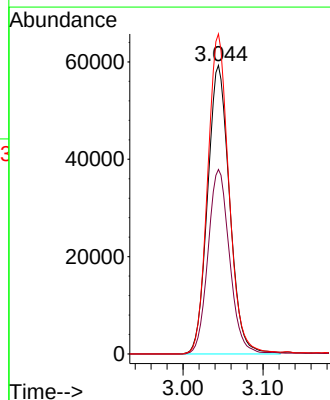
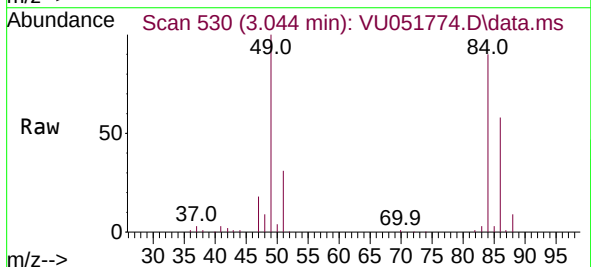
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

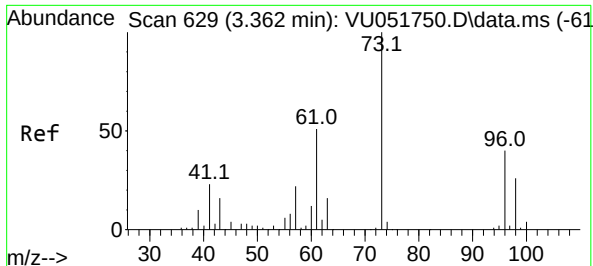
Tgt Ion: 43 Resp: 37487
Ion Ratio Lower Upper
43 100
74 26.5 20.2 30.4



#16
Methylene chloride
Concen: 4.118 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 84 Resp: 113304
Ion Ratio Lower Upper
84 100
86 63.9 46.3 85.9
49 110.9 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.558 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005083

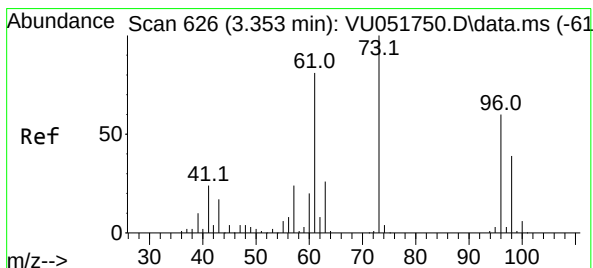
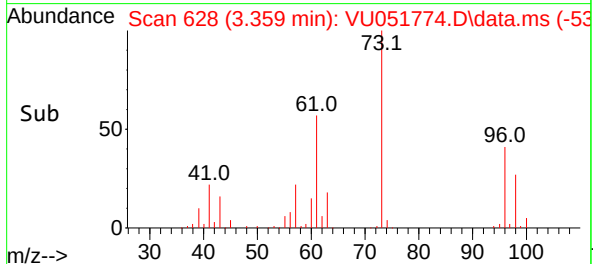
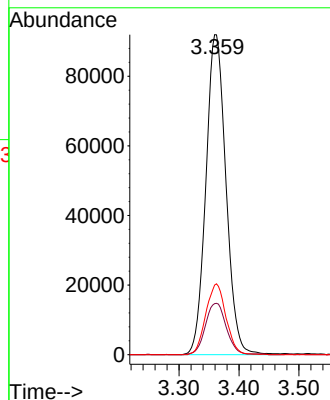
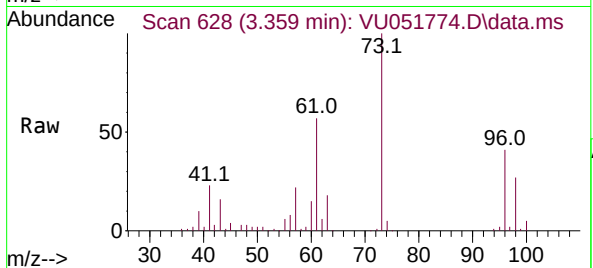
Tgt Ion: 73 Resp: 214059

Ion Ratio Lower Upper

73 100

43 16.7 13.6 20.4

57 22.2 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.974 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

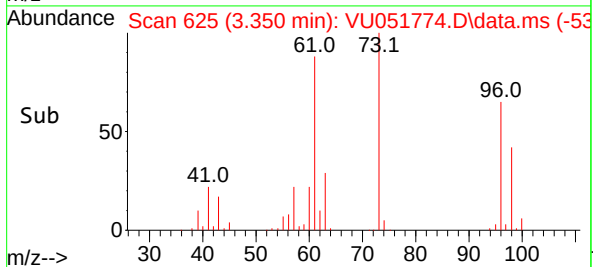
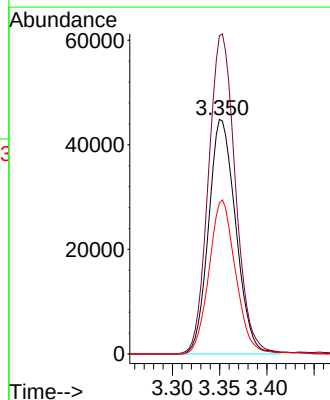
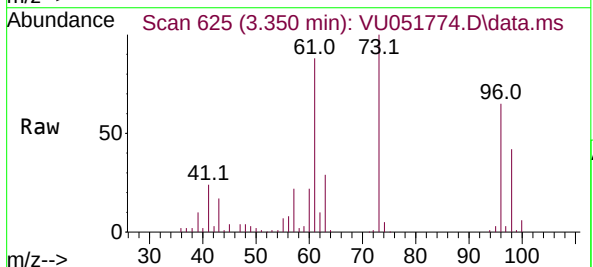
Tgt Ion: 96 Resp: 89664

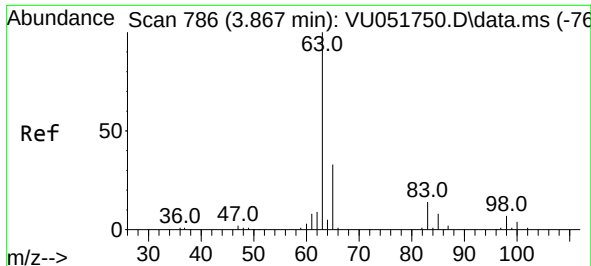
Ion Ratio Lower Upper

96 100

61 135.7 94.7 175.9

98 64.3 44.2 82.0

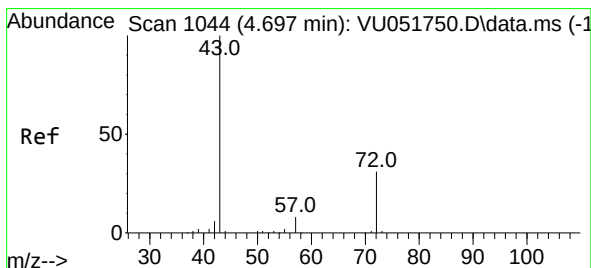
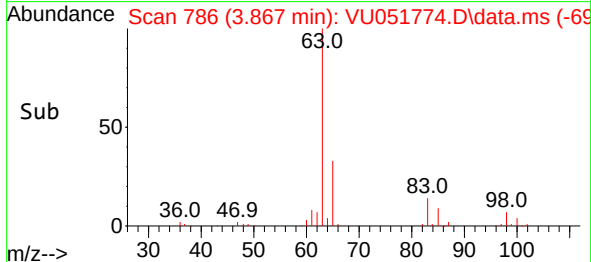
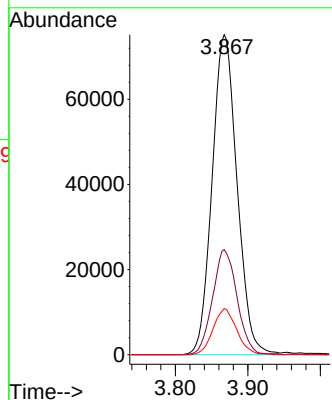
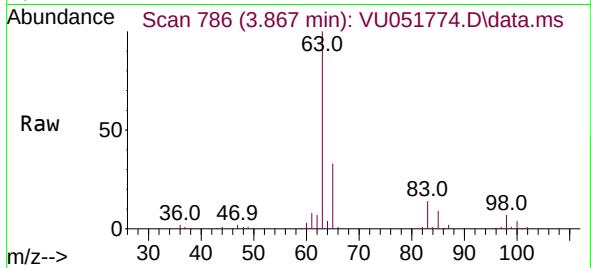




#19
1,1-Dichloroethane
Concen: 5.398 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

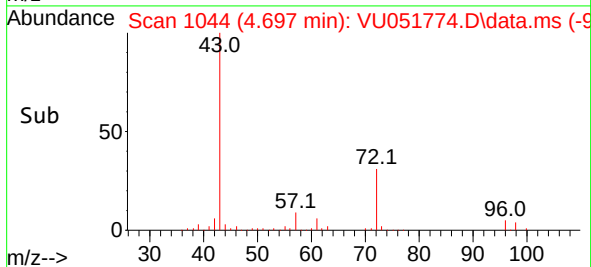
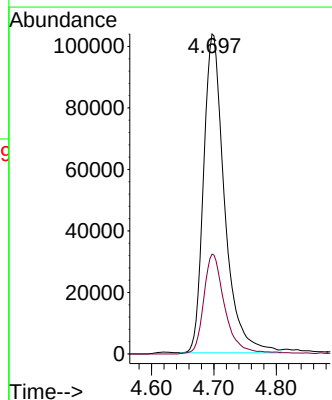
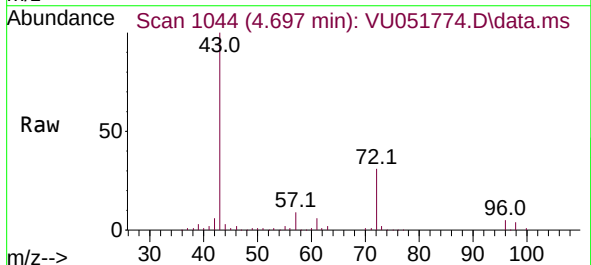
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

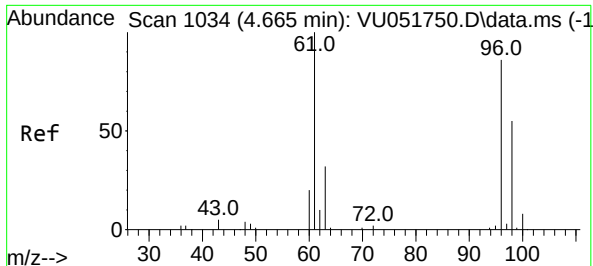
Tgt Ion: 63 Resp: 179494
Ion Ratio Lower Upper
63 100
65 32.9 22.7 42.1
83 14.4 9.2 17.0



#21
2-Butanone
Concen: 57.778 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 43 Resp: 241941
Ion Ratio Lower Upper
43 100
72 31.7 16.2 48.5

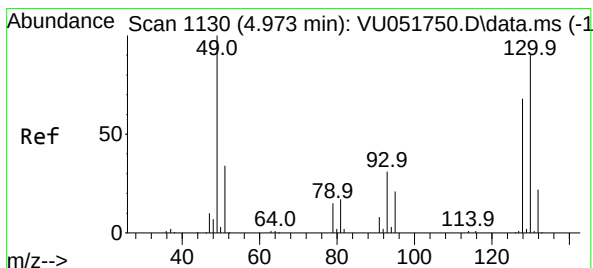
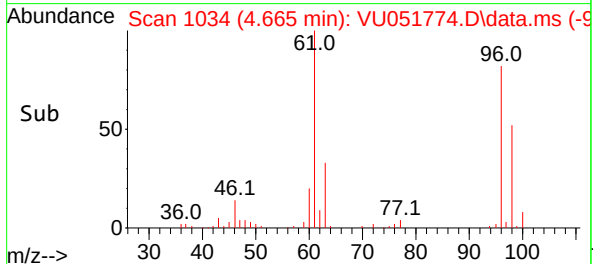
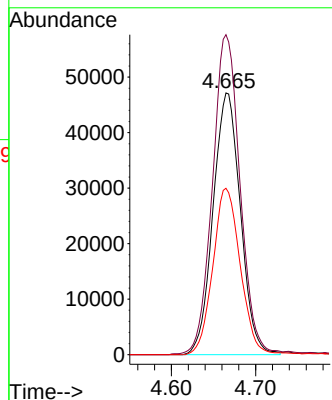
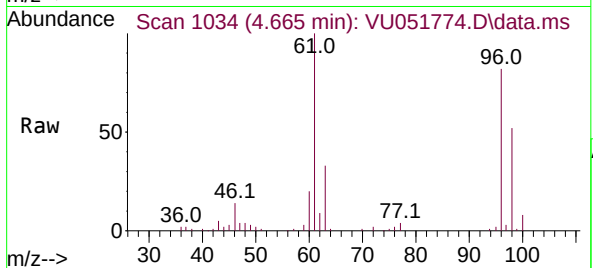




#22
 cis-1,2-Dichloroethene
 Concen: 5.333 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

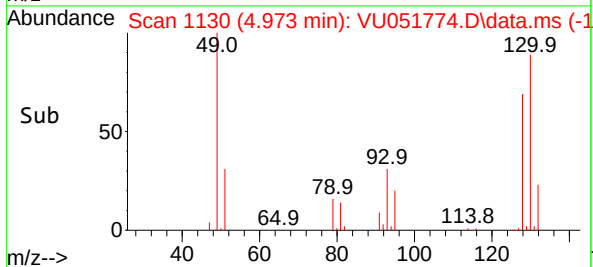
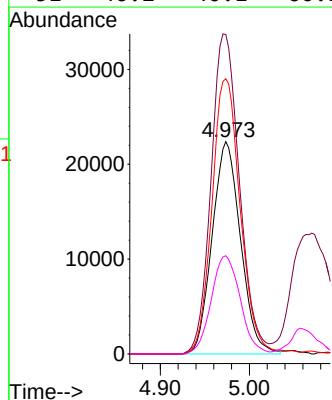
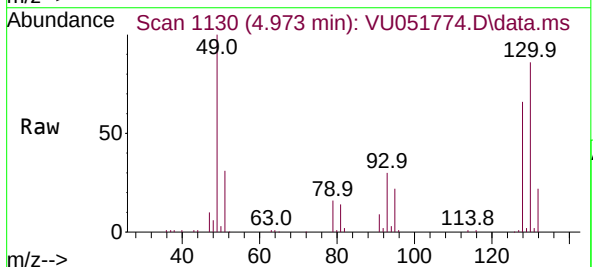
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

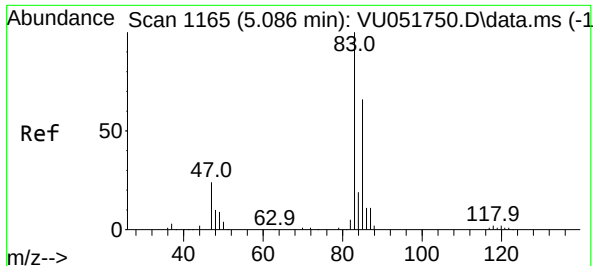
Tgt Ion: 96 Resp: 106376
 Ion Ratio Lower Upper
 96 100
 61 122.3 86.4 160.4
 98 63.6 44.2 82.2



#23
 Bromochloromethane
 Concen: 5.309 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

Tgt Ion: 128 Resp: 49515
 Ion Ratio Lower Upper
 128 100
 49 150.5 105.5 195.9
 130 129.6 93.5 173.7
 51 46.2 40.1 60.1





#25

Chloroform

Concen: 5.686 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

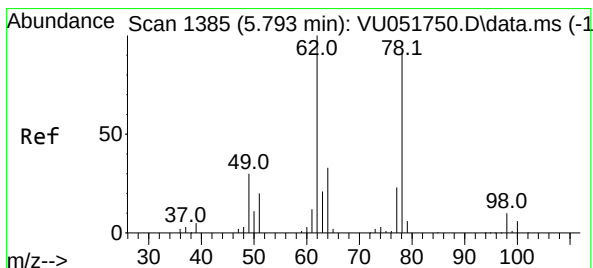
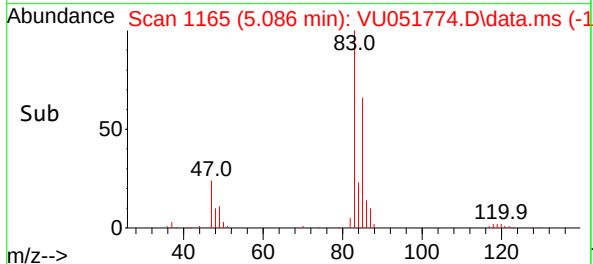
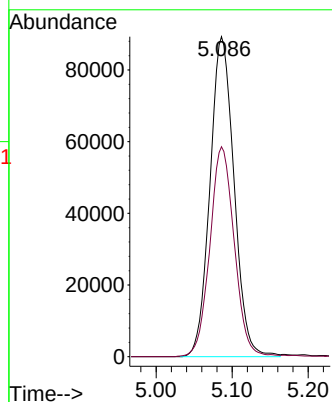
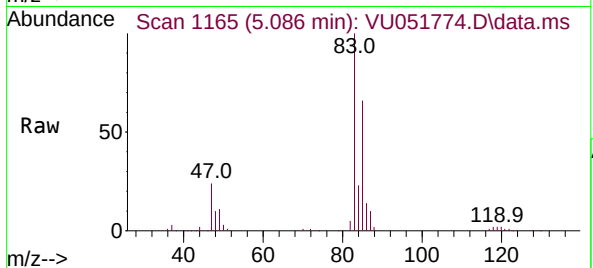
VSTD005083

Tgt Ion: 83 Resp: 196140

Ion Ratio Lower Upper

83 100

85 65.6 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.252 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051774.D

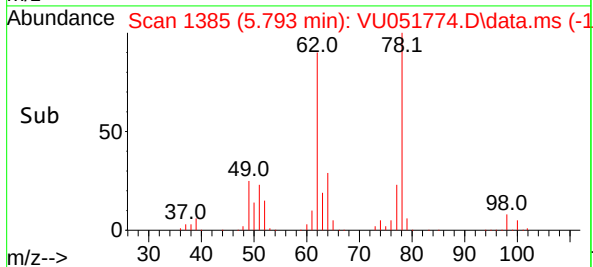
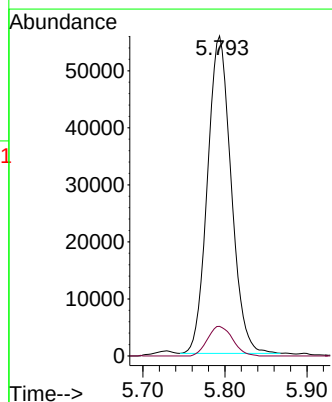
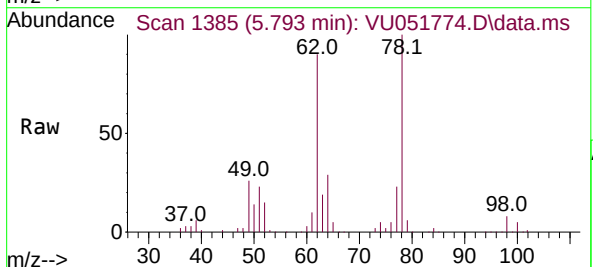
Acq: 08 Nov 2022 09:31

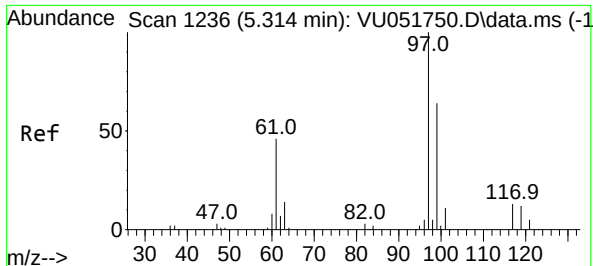
Tgt Ion: 62 Resp: 111477

Ion Ratio Lower Upper

62 100

98 9.3 7.4 11.0





#29

1,1,1-Trichloroethane

Concen: 5.607 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005083

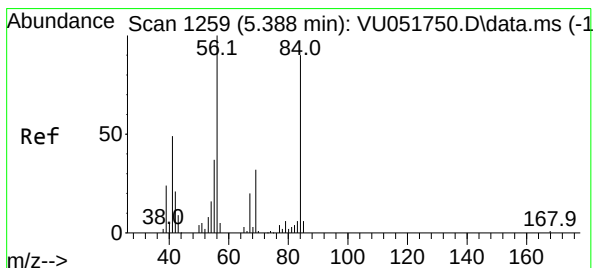
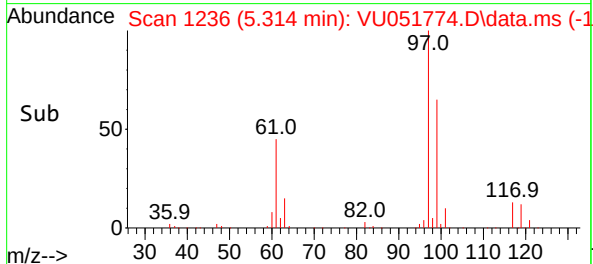
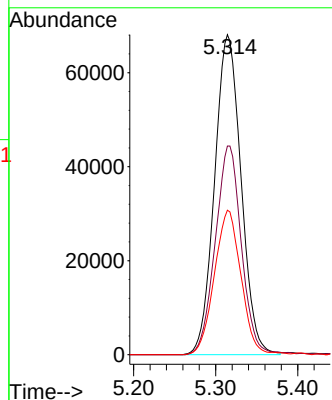
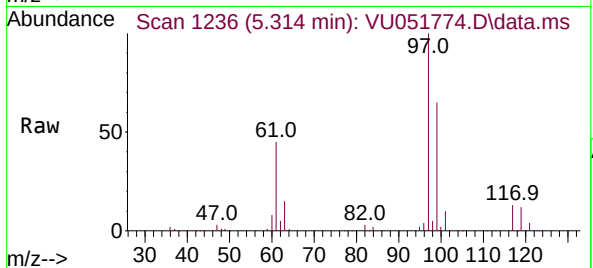
Tgt Ion: 97 Resp: 153031

Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 45.4 37.4 56.0



#30

Cyclohexane

Concen: 4.940 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

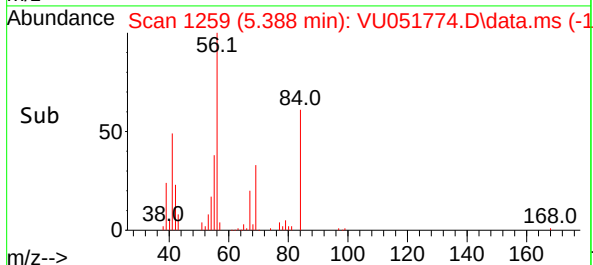
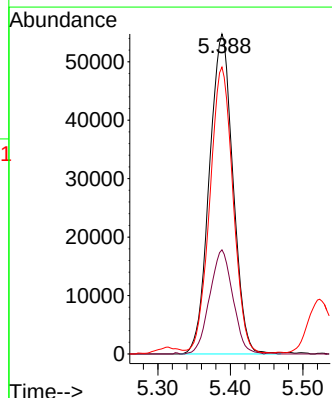
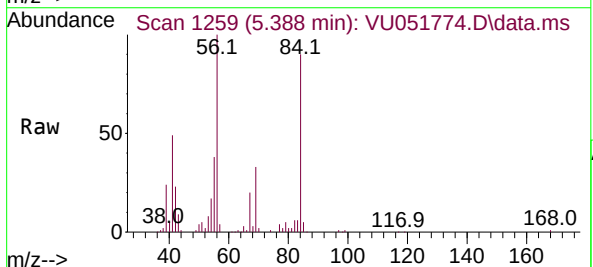
Tgt Ion: 56 Resp: 124148

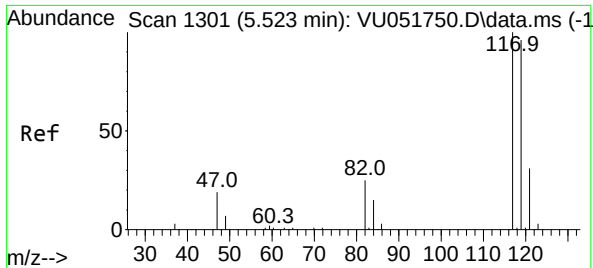
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.0

84 87.3 71.4 107.0

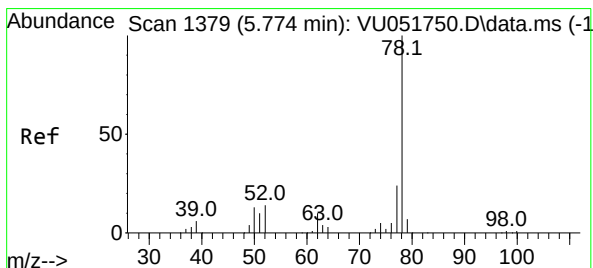
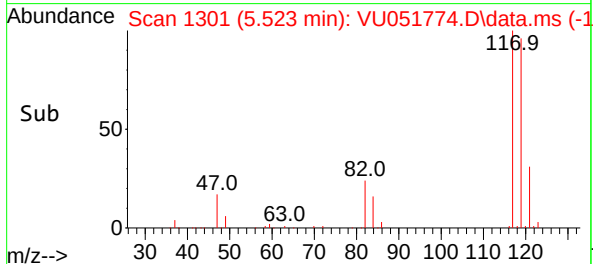
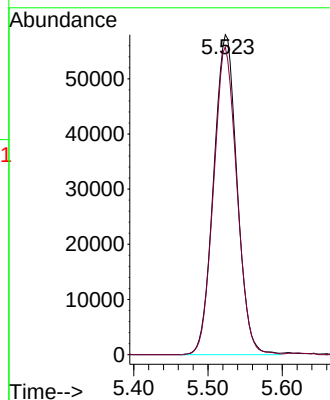
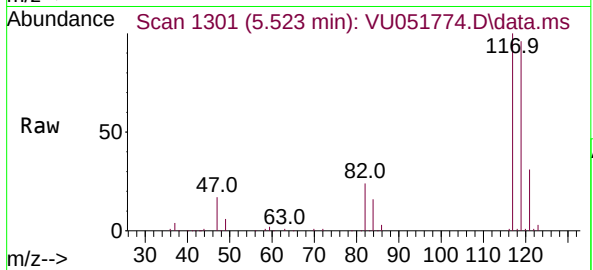




#31
Carbon tetrachloride
Concen: 5.440 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

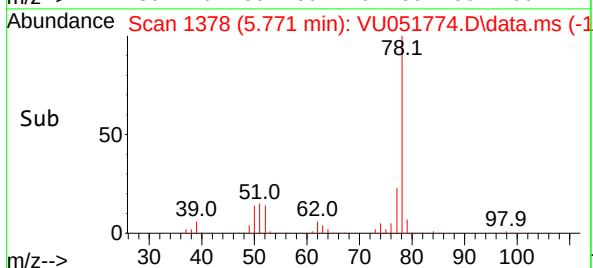
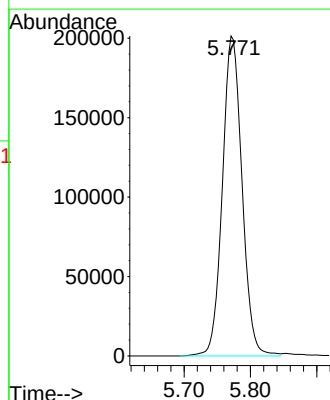
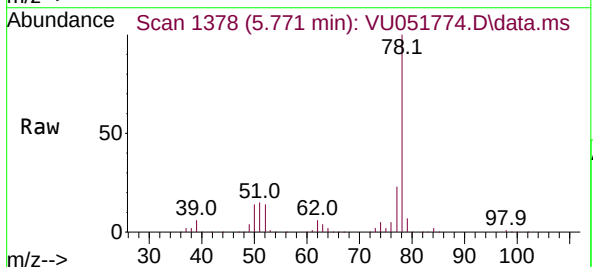
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

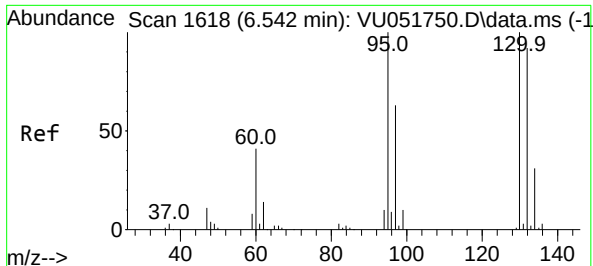
Tgt Ion:117 Resp: 126993
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 5.218 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 78 Resp: 413935

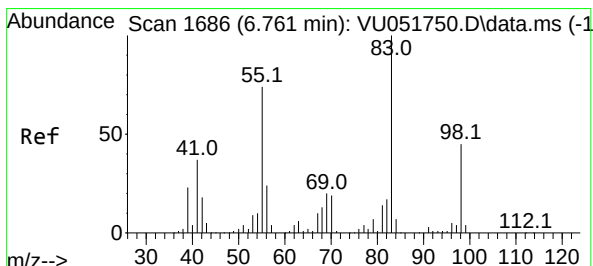
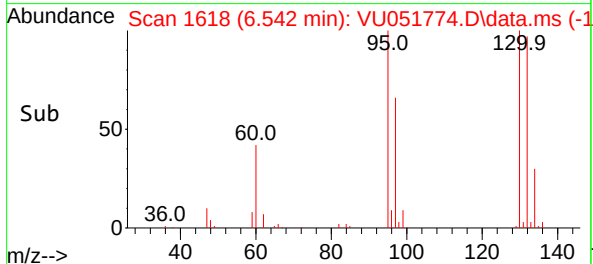
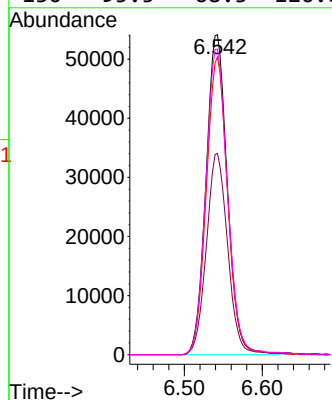
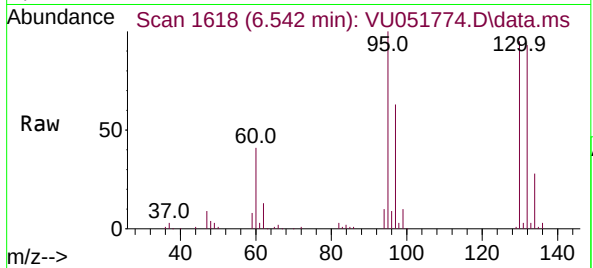




#34
Trichloroethene
Concen: 5.372 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

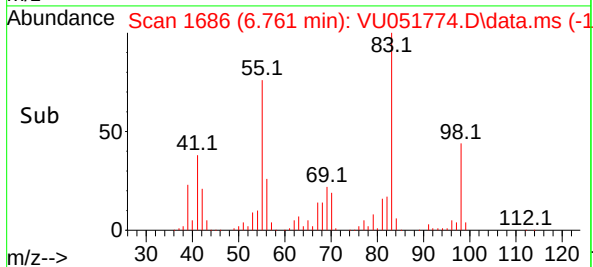
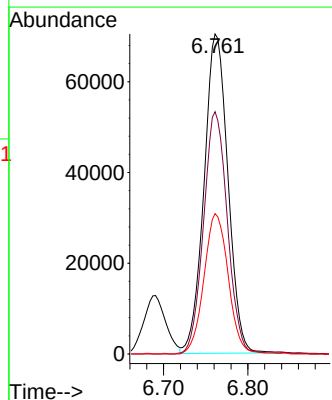
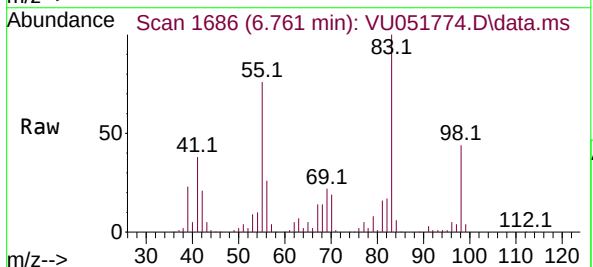
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

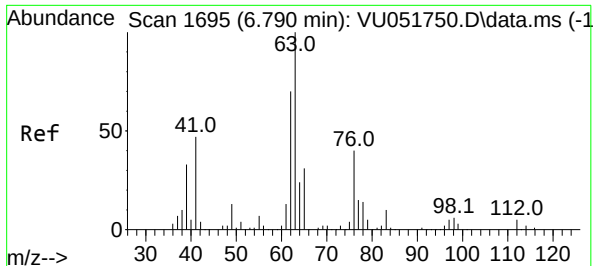
Tgt Ion: 95 Resp: 102851
Ion Ratio Lower Upper
95 100
97 62.9 45.2 84.0
132 93.0 66.5 123.5
130 95.5 68.3 126.8



#35
Methylcyclohexane
Concen: 5.247 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 83 Resp: 138889
Ion Ratio Lower Upper
83 100
55 75.6 60.6 90.8
98 44.7 35.8 53.6





#37

1,2-Dichloropropane

Concen: 5.421 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

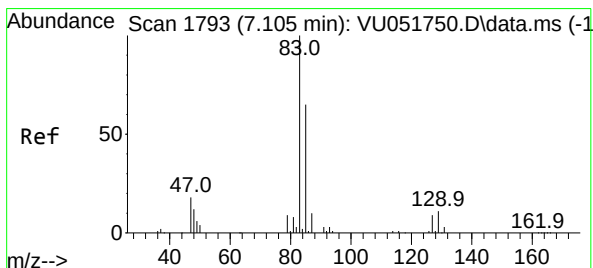
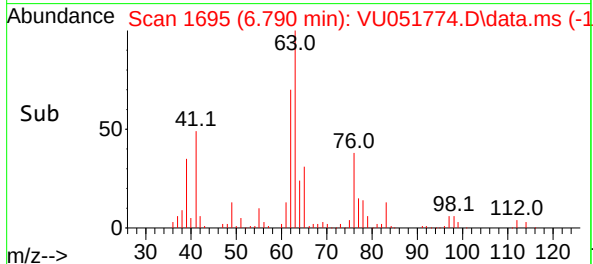
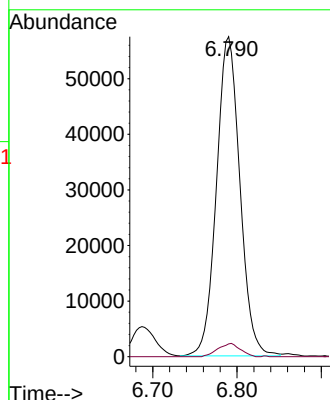
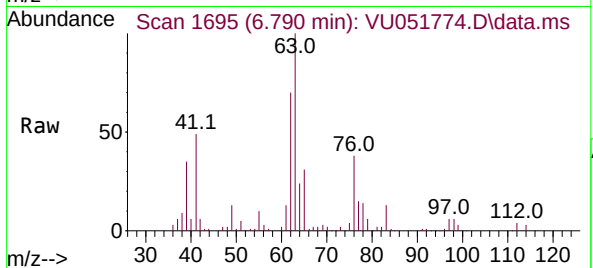
VSTD005083

Tgt Ion: 63 Resp: 110617

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.616 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

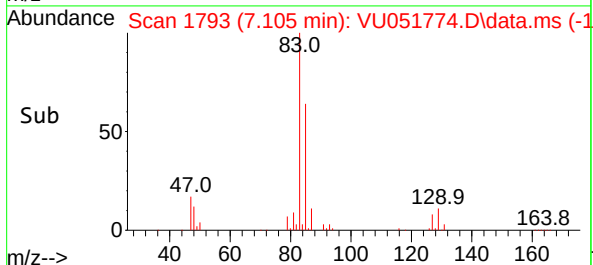
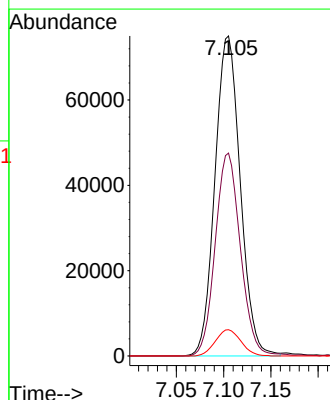
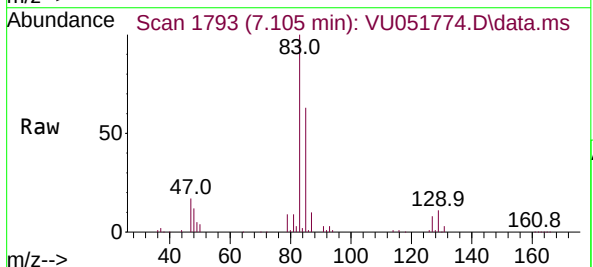
Tgt Ion: 83 Resp: 139976

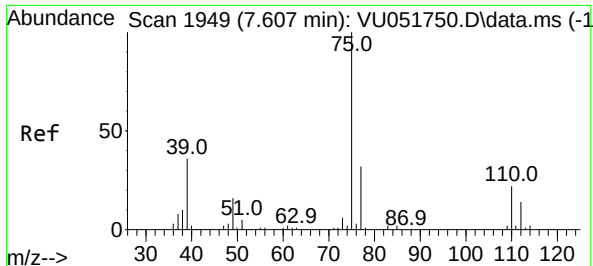
Ion Ratio Lower Upper

83 100

85 63.4 45.1 83.7

127 8.2 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.437 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

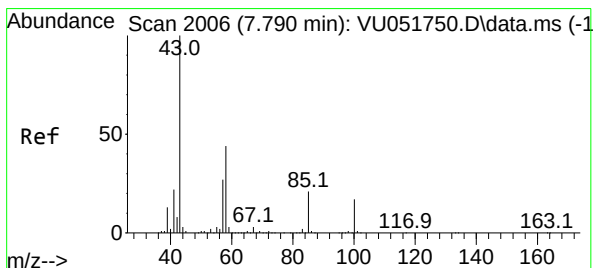
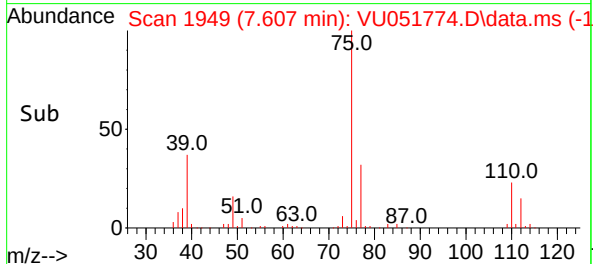
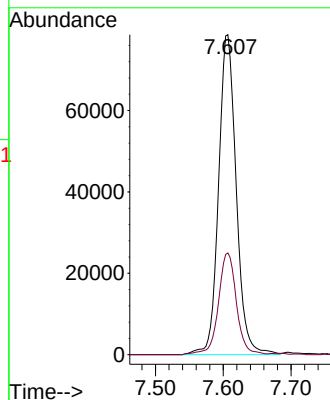
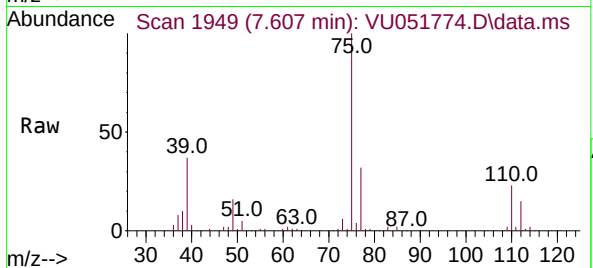
VSTD005083

Tgt Ion: 75 Resp: 142311

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 58.478 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

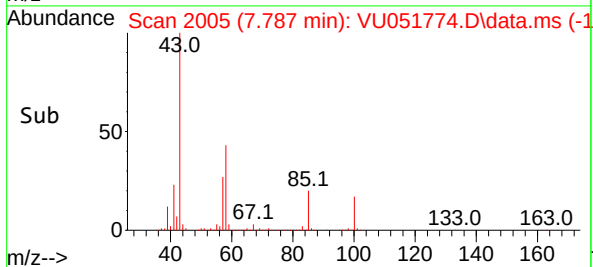
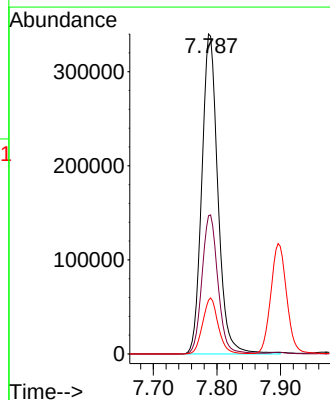
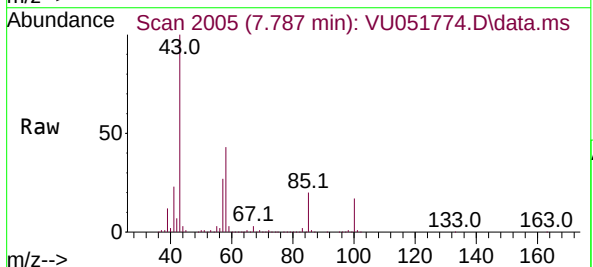
Tgt Ion: 43 Resp: 598463

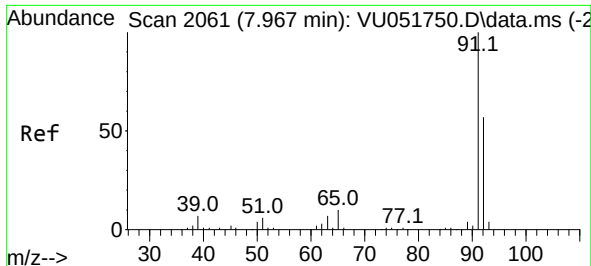
Ion Ratio Lower Upper

43 100

58 43.2 35.0 52.6

100 17.0 13.4 20.0





#42

Toluene

Concen: 5.521 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

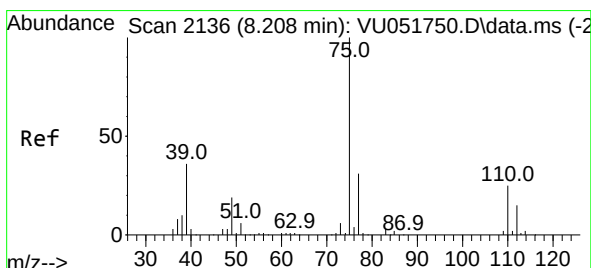
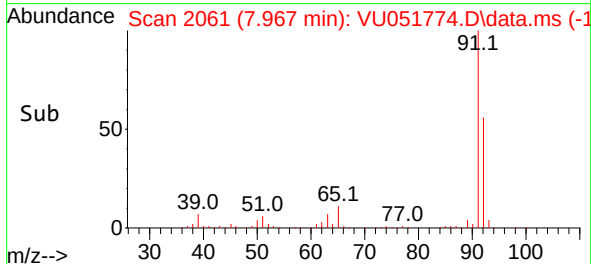
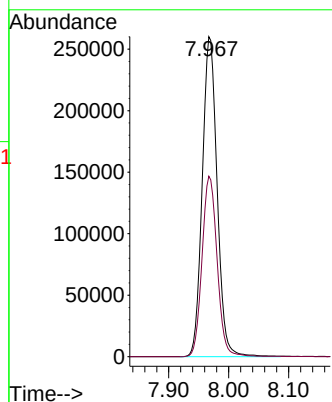
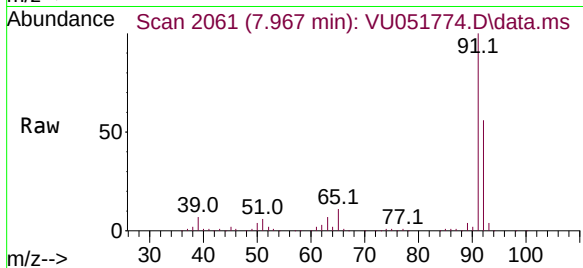
VSTD005083

Tgt Ion: 91 Resp: 449779

Ion Ratio Lower Upper

91 100

92 56.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.798 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051774.D

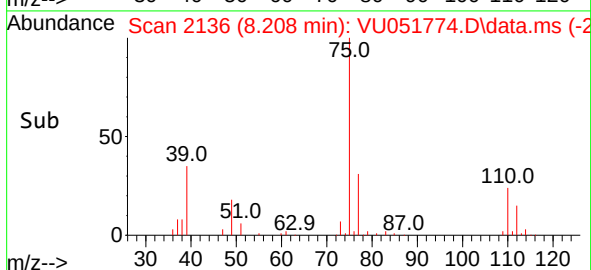
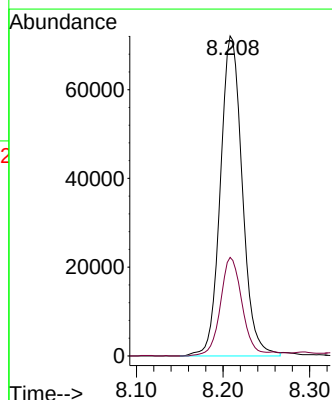
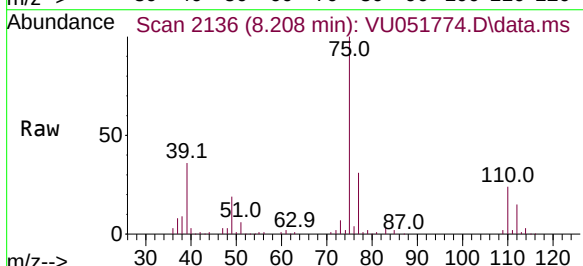
Acq: 08 Nov 2022 09:31

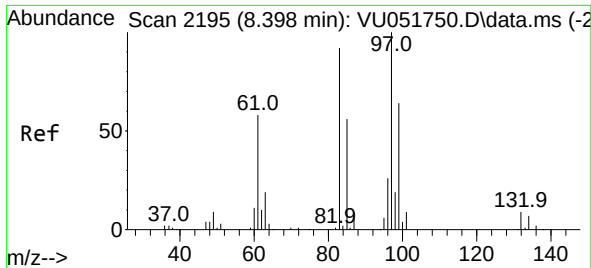
Tgt Ion: 75 Resp: 126832

Ion Ratio Lower Upper

75 100

77 30.8 21.8 40.6

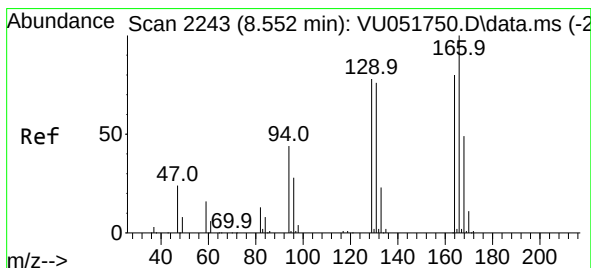
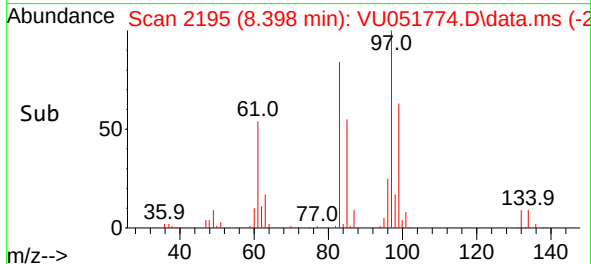
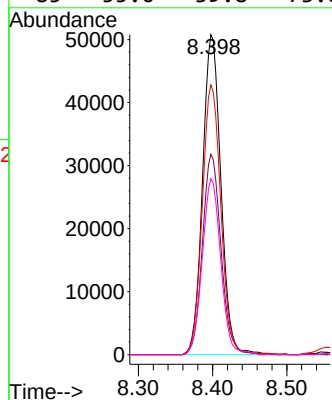
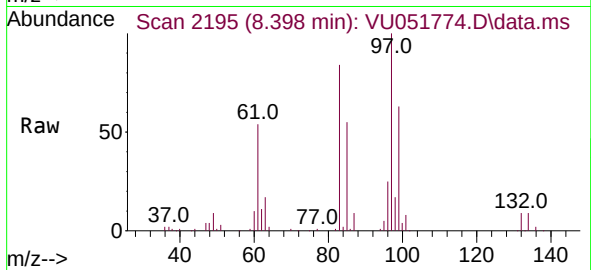




#45
1,1,2-Trichloroethane
Concen: 5.817 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

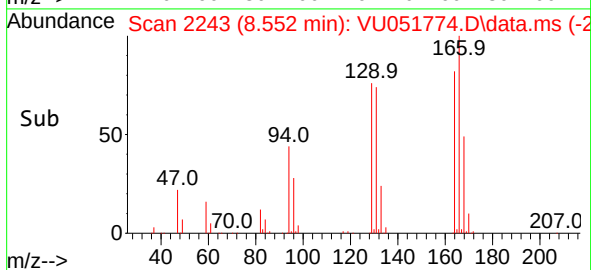
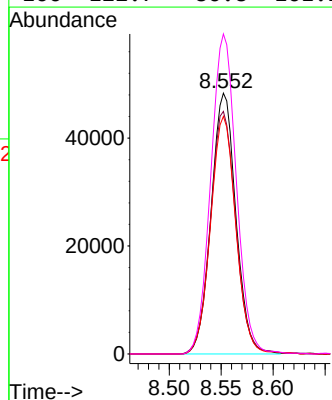
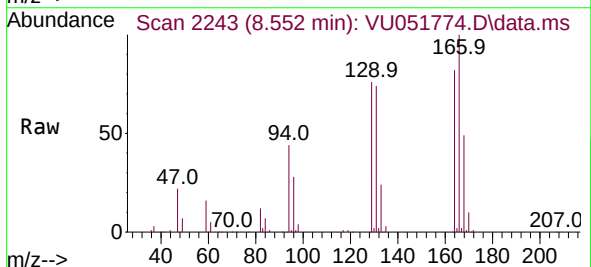
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

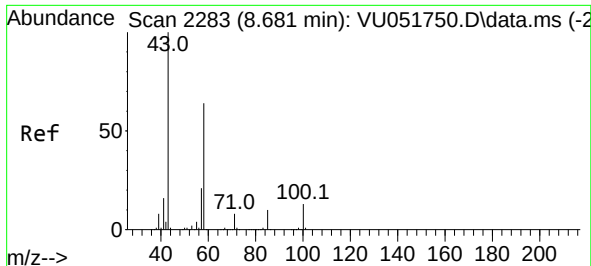
Tgt Ion:	97	Resp:	86981
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.4	80.6
83	84.3	61.3	113.9
85	55.0	39.8	73.8



#47
Tetrachloroethene
Concen: 5.457 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion:	164	Resp:	80006
Ion	Ratio	Lower	Upper
164	100		
129	93.0	64.0	118.8
131	91.1	60.7	112.7
166	122.7	86.8	161.2



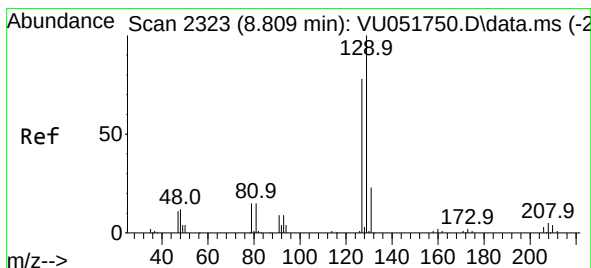
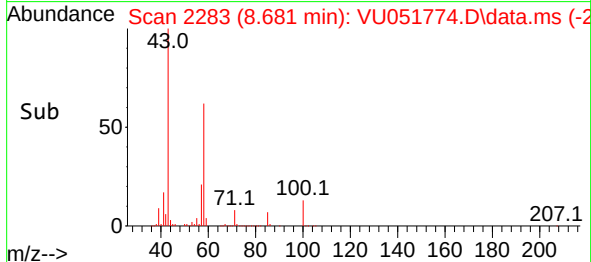
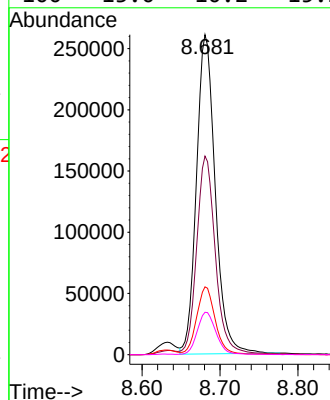
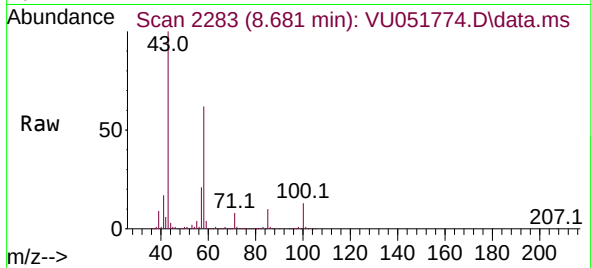


#48
2-Hexanone
Concen: 57.699 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Tgt Ion: 43 Resp: 437088

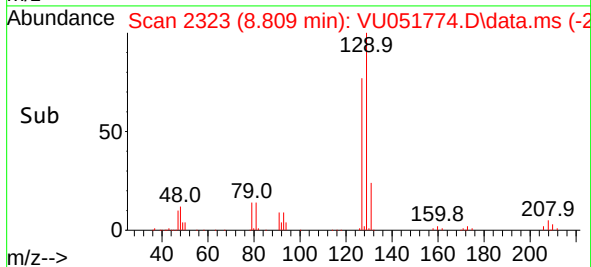
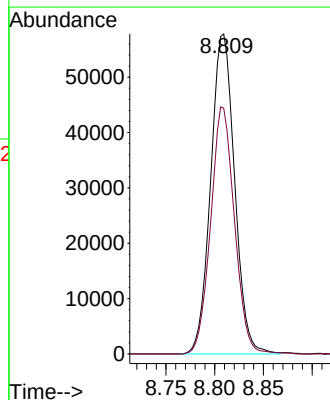
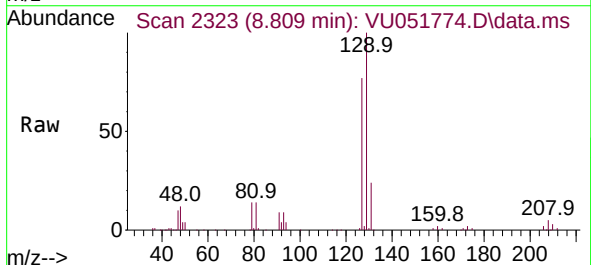
Ion	Ratio	Lower	Upper
43	100		
58	62.3	48.2	72.2
57	21.2	16.6	25.0
100	13.0	10.2	15.2

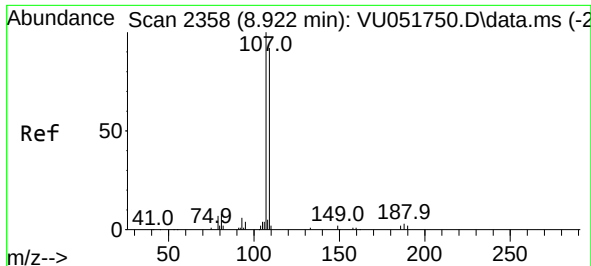


#49
Dibromochloromethane
Concen: 5.783 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 129 Resp: 98773

Ion	Ratio	Lower	Upper
129	100		
127	76.8	54.8	101.8





#50

1,2-Dibromoethane

Concen: 5.604 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005083

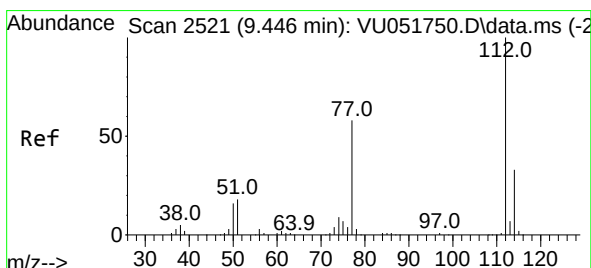
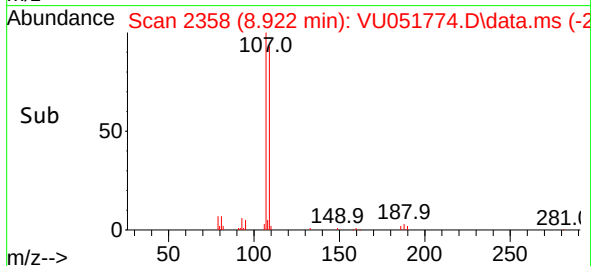
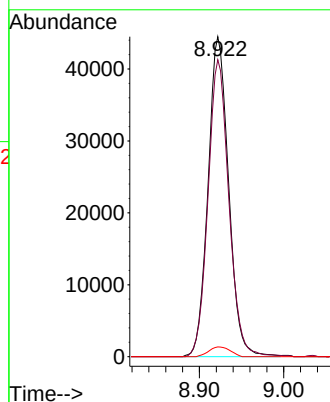
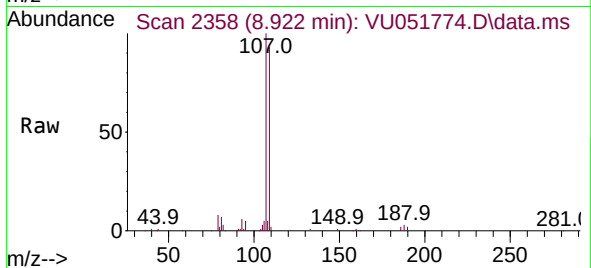
Tgt Ion:107 Resp: 75595

Ion Ratio Lower Upper

107 100

109 92.8 63.0 117.0

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 5.549 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

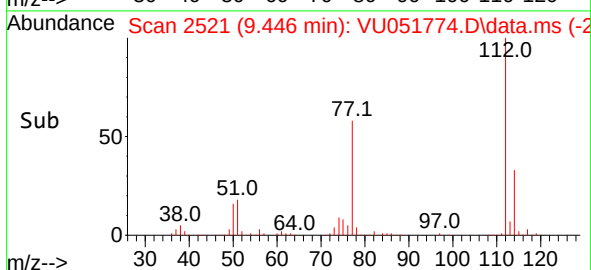
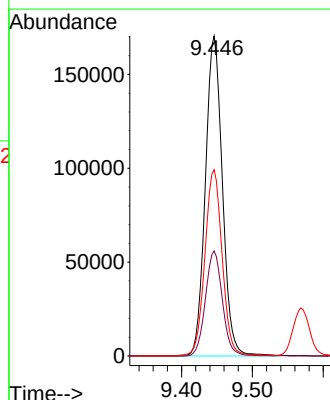
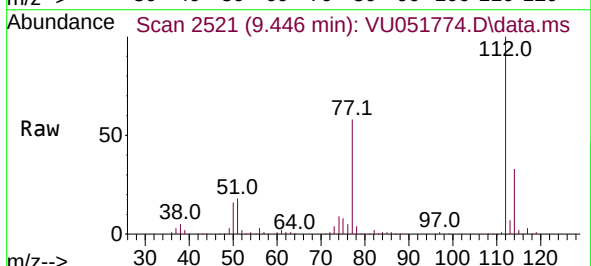
Tgt Ion:112 Resp: 284508

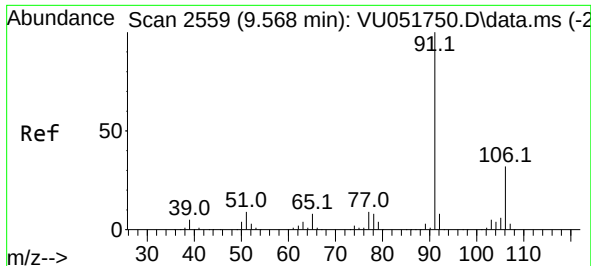
Ion Ratio Lower Upper

112 100

114 32.8 22.0 40.8

77 58.2 46.7 70.1

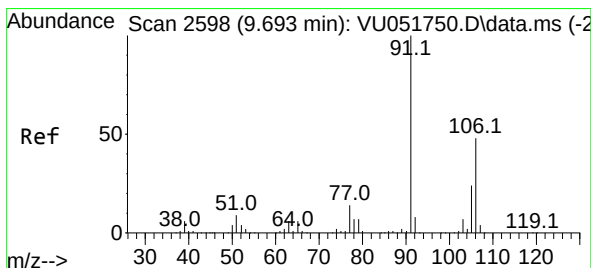
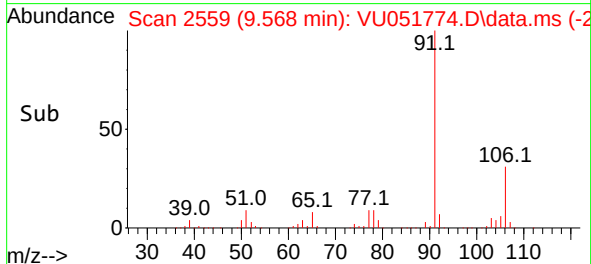
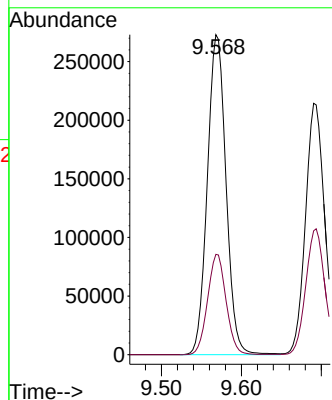
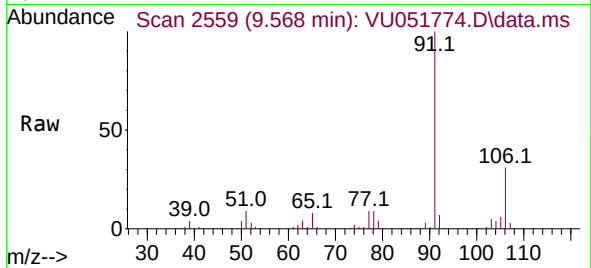




#52
Ethylbenzene
Concen: 5.643 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

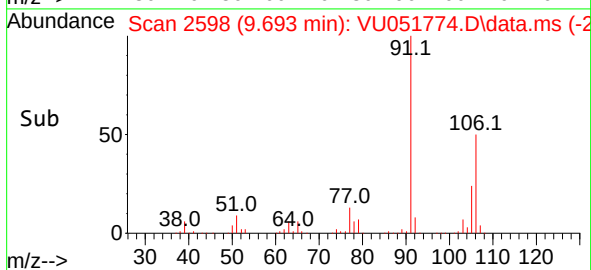
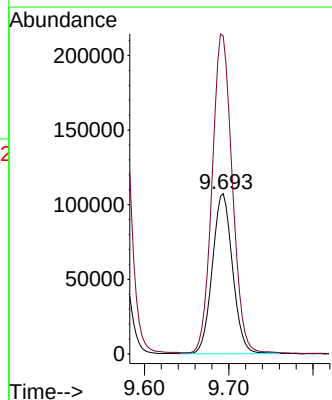
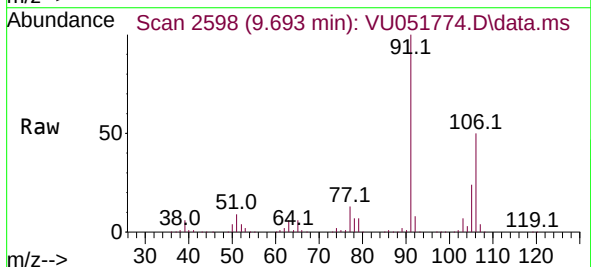
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

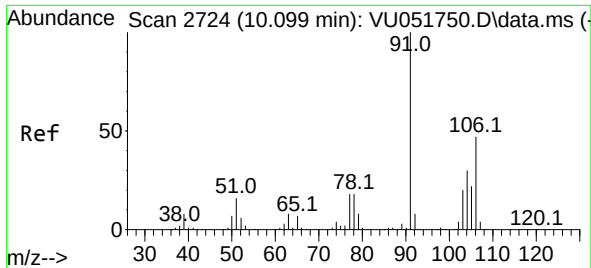
Tgt Ion: 91 Resp: 443591
Ion Ratio Lower Upper
91 100
106 31.4 21.8 40.6



#53
m,p-Xylene
Concen: 5.839 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 106 Resp: 178294
Ion Ratio Lower Upper
106 100
91 198.4 139.4 259.0

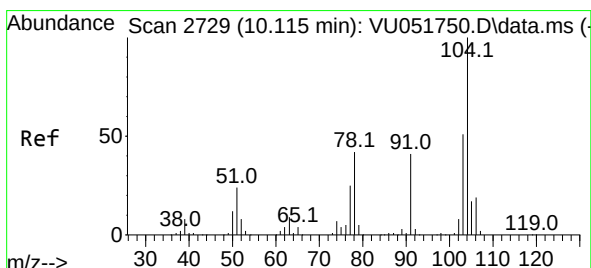
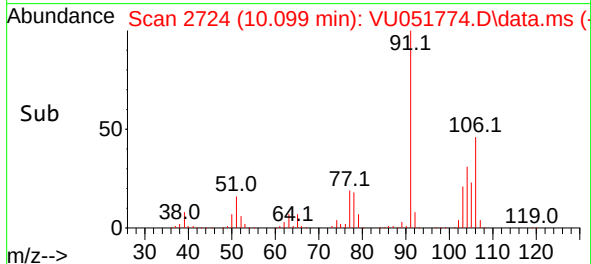
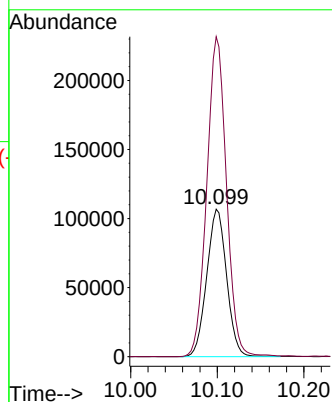
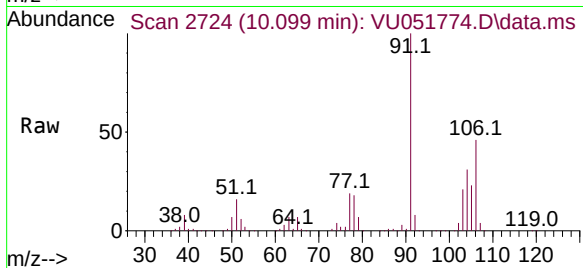




#54
o-Xylene
Concen: 5.716 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

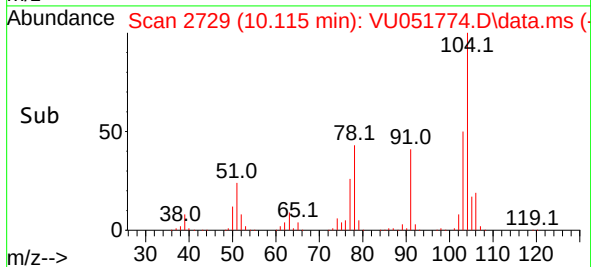
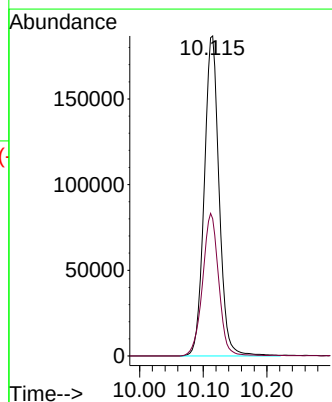
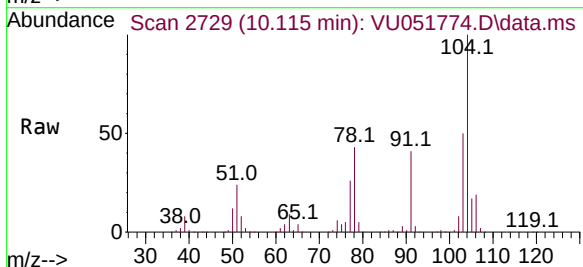
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

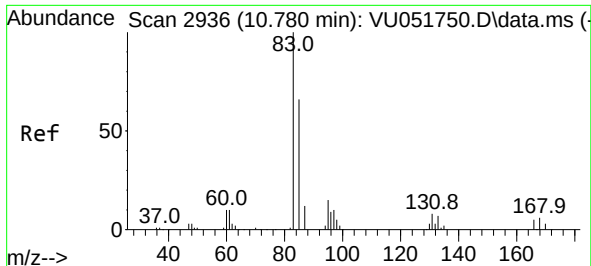
Tgt Ion:106 Resp: 170558
Ion Ratio Lower Upper
106 100
91 216.8 149.2 277.2



#55
Styrene
Concen: 6.085 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion:104 Resp: 303593
Ion Ratio Lower Upper
104 100
78 42.9 31.8 59.0

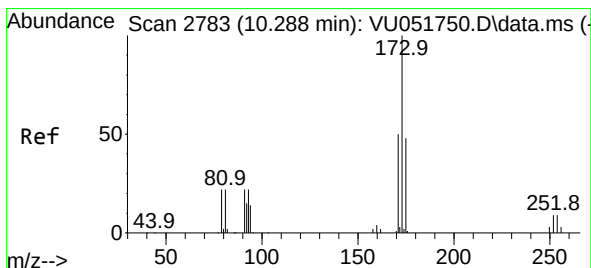
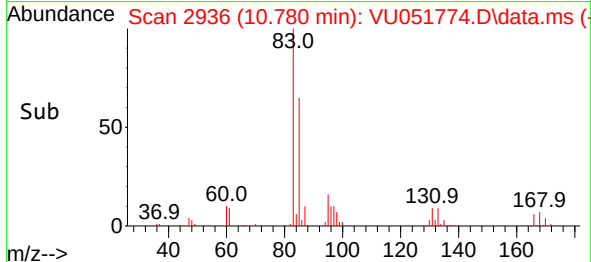
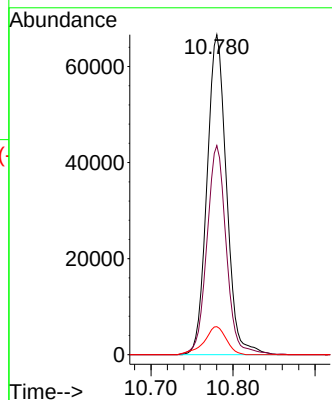
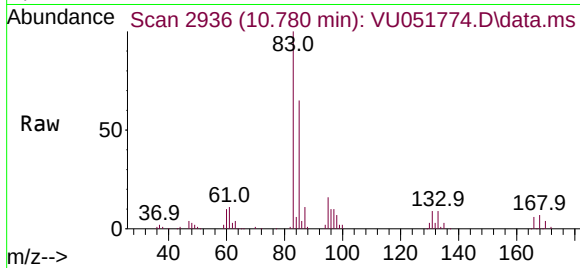




#57
1,1,2,2-Tetrachloroethane
Concen: 5.945 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

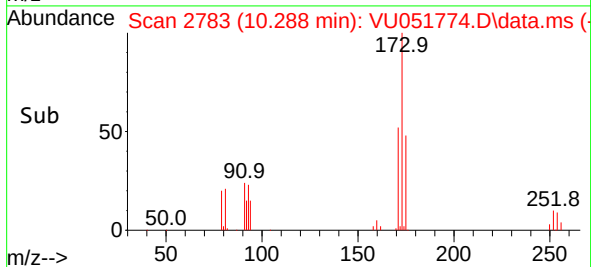
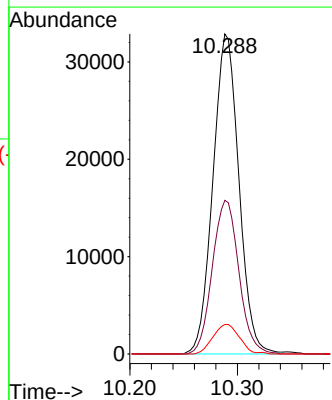
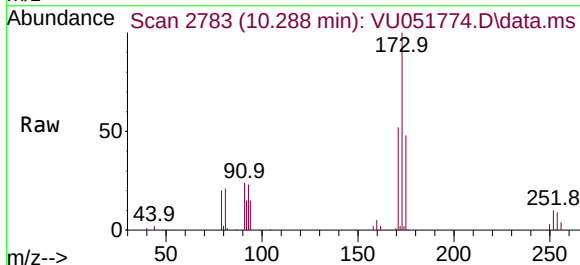
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

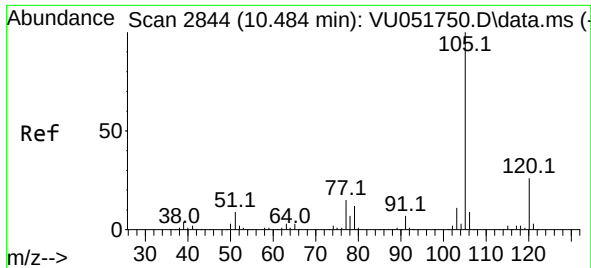
Tgt Ion: 83 Resp: 110209
Ion Ratio Lower Upper
83 100
85 65.4 44.9 83.5
131 8.7 7.8 11.8



#59
Bromoform
Concen: 4.819 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion:173 Resp: 55086
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 9.4 7.3 10.9

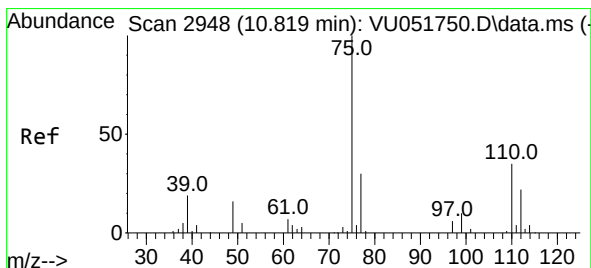
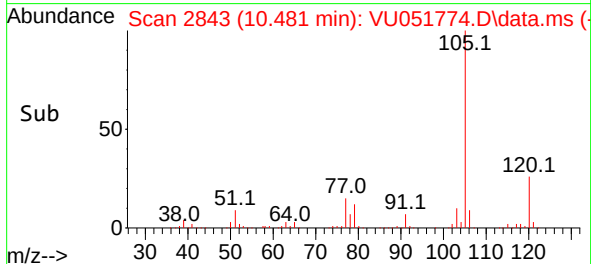
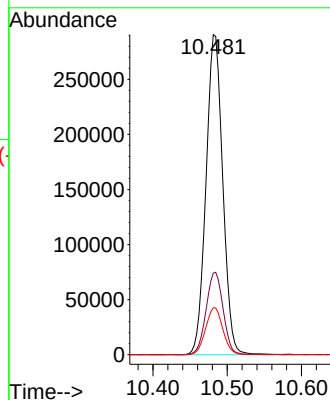
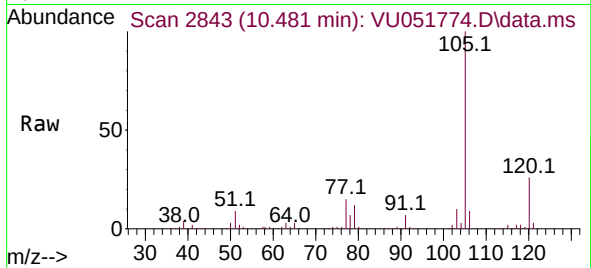




#60
Isopropylbenzene
Concen: 5.029 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

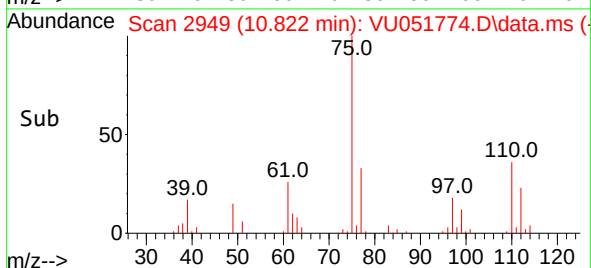
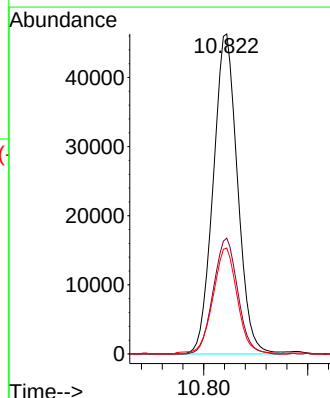
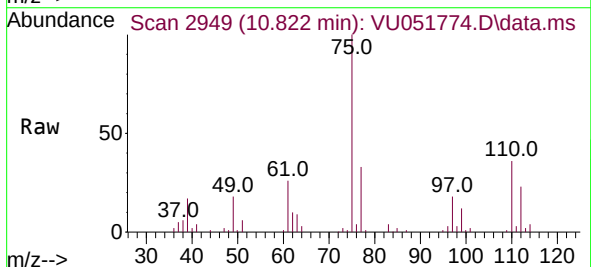
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

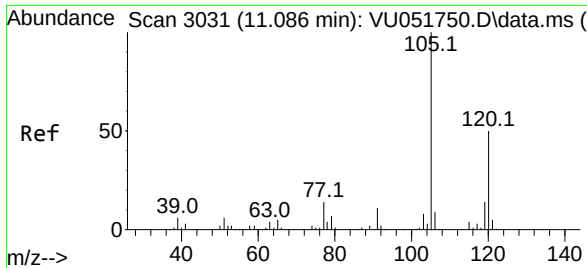
Tgt Ion:105 Resp: 454256
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.1 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 4.704 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion: 75 Resp: 75264
Ion Ratio Lower Upper
75 100
110 36.2 28.7 43.1
77 33.3 26.1 39.1

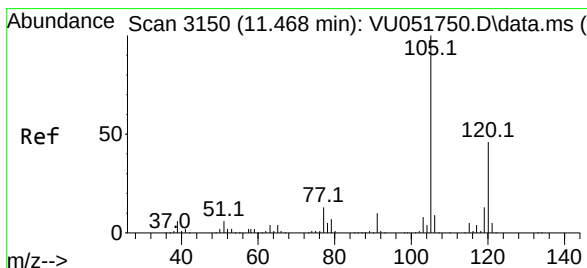
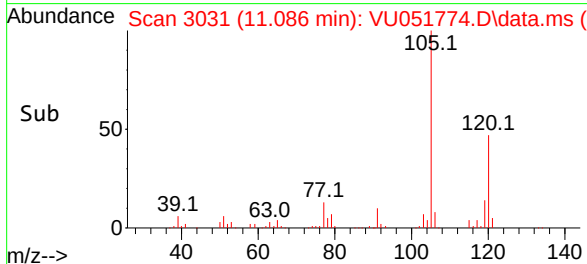
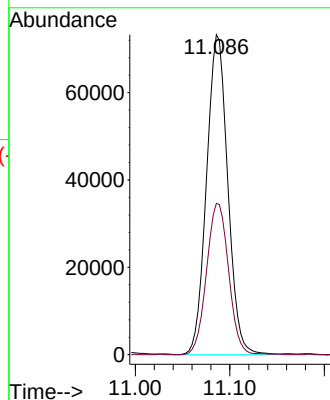
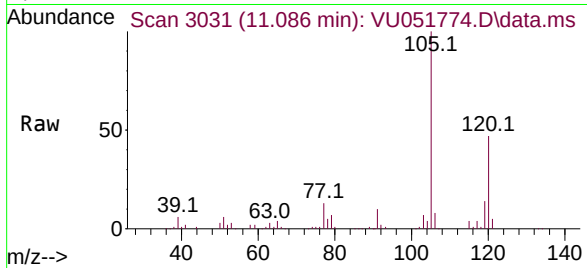




#62
 1,3,5-Trimethylbenzene
 Concen: 4.706 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

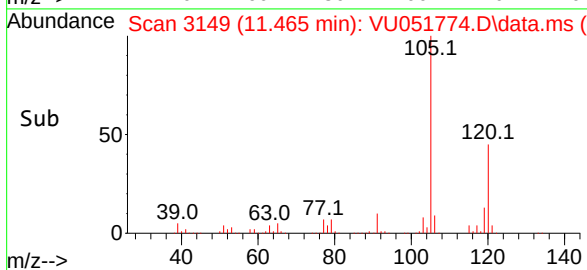
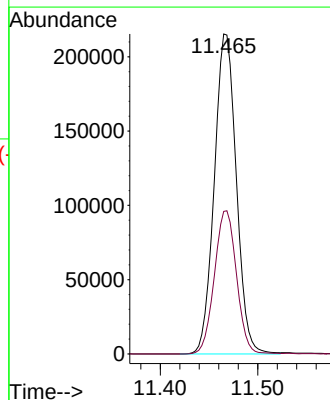
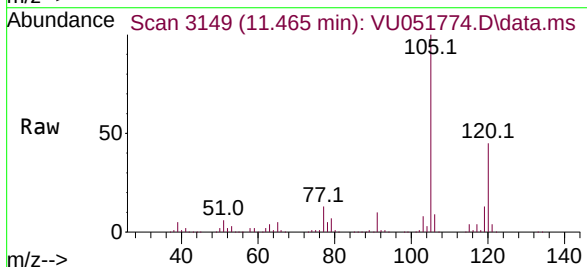
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

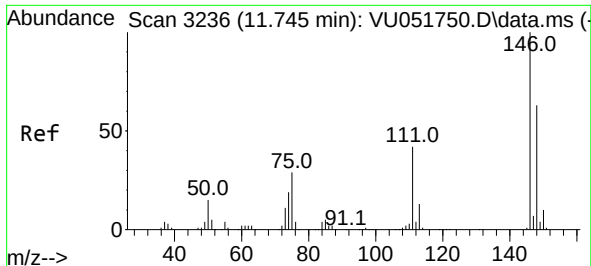
Tgt Ion:105 Resp: 114429
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.822 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

Tgt Ion:105 Resp: 338075
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.8 53.6

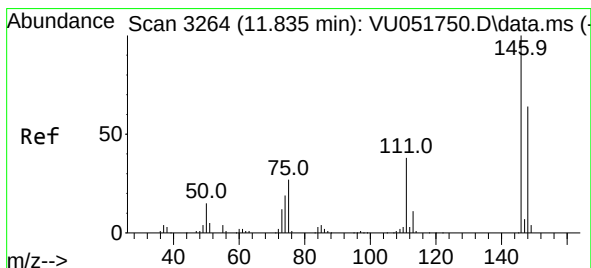
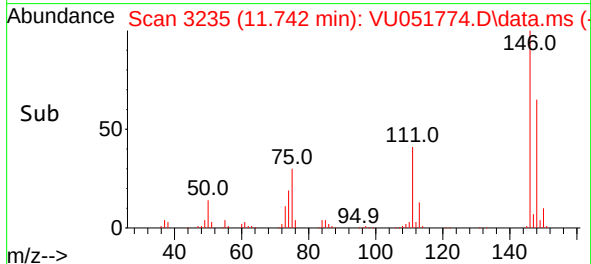
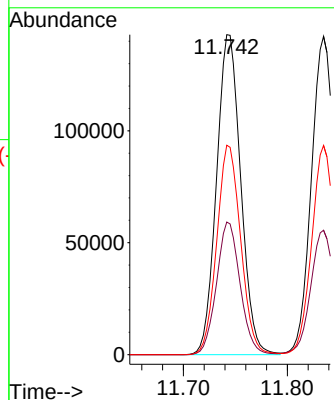
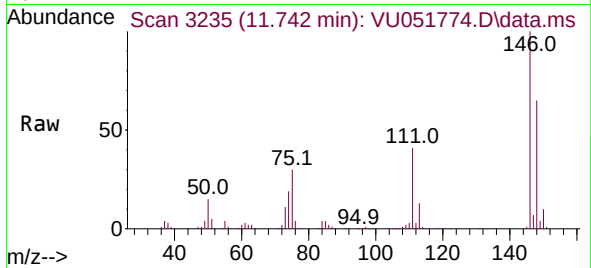




#64
1,3-Dichlorobenzene
Concen: 5.151 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

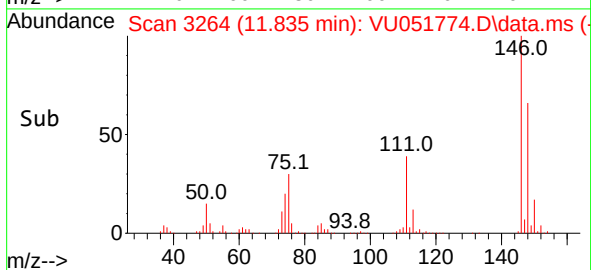
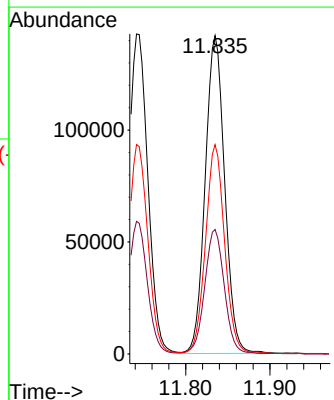
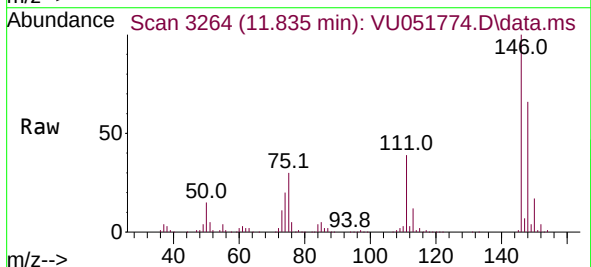
Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

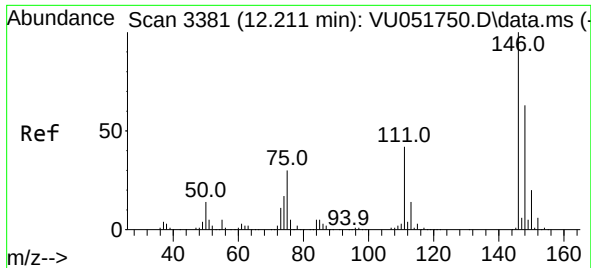
Tgt Ion:146 Resp: 231612
Ion Ratio Lower Upper
146 100
111 41.5 28.6 53.2
148 65.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.065 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion:146 Resp: 228356
Ion Ratio Lower Upper
146 100
111 39.1 26.7 49.5
148 65.7 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 4.946 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

Instrument :

MSVOA_U

ClientSampleId :

VSTD005083

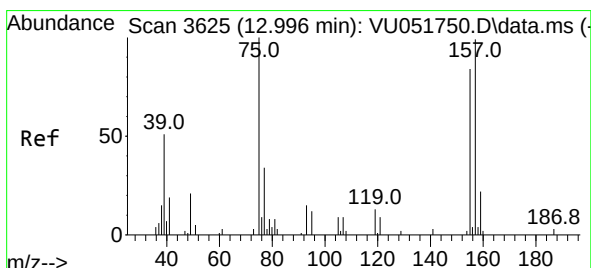
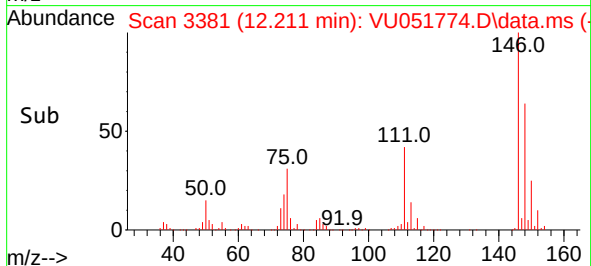
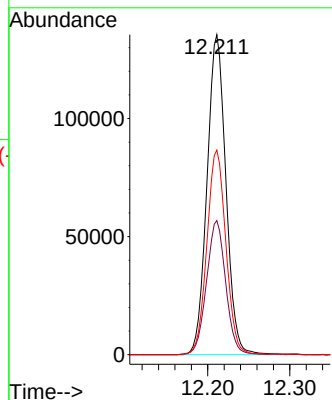
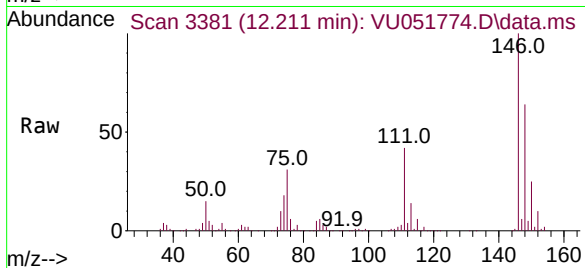
Tgt Ion:146 Resp: 216614

Ion Ratio Lower Upper

146 100

111 41.9 34.2 51.2

148 63.9 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.823 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. -0.003 min

Lab File: VU051774.D

Acq: 08 Nov 2022 09:31

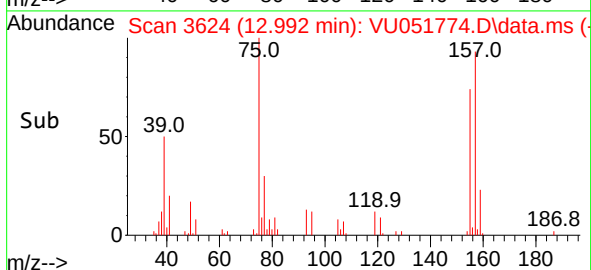
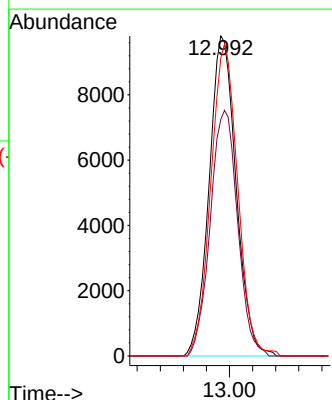
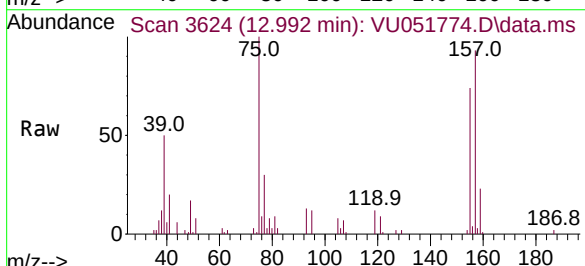
Tgt Ion: 75 Resp: 15889

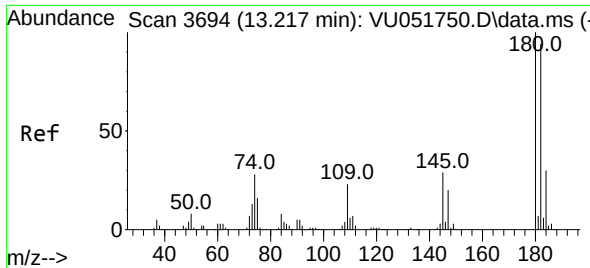
Ion Ratio Lower Upper

75 100

155 74.0 61.4 92.2

157 93.1 86.7 130.1

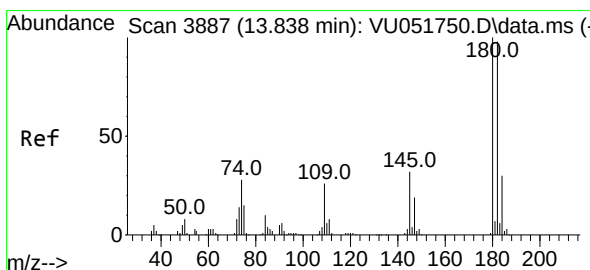
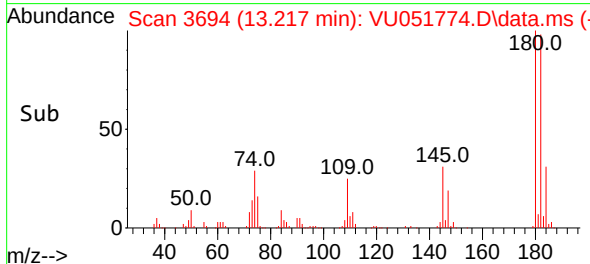
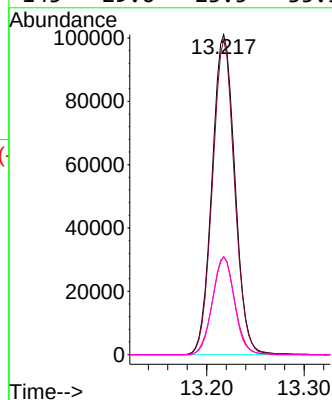
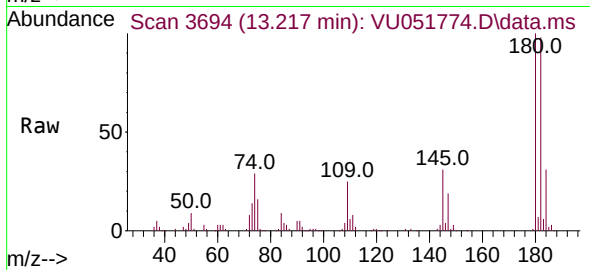




#69
 1,3,5-Trichlorobenzene
 Concen: 5.132 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

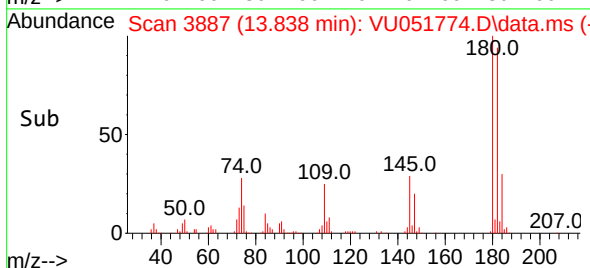
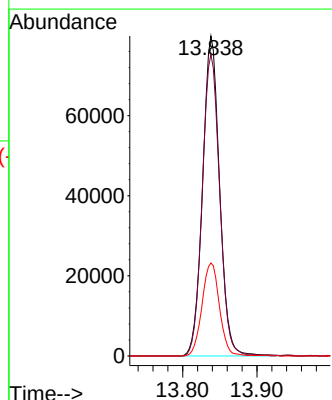
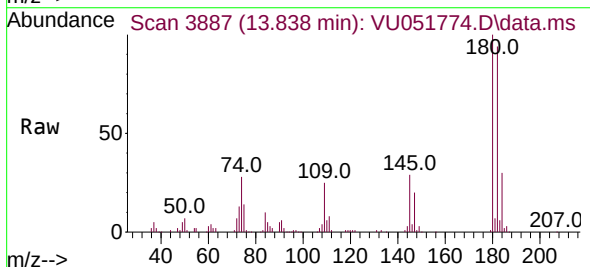
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005083

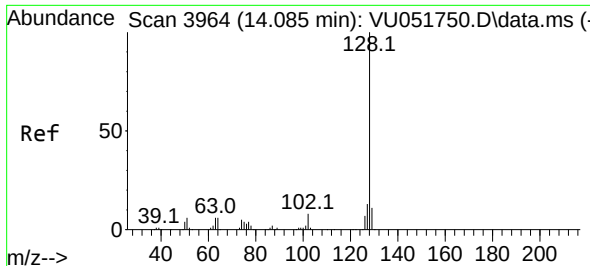
Tgt Ion:180 Resp: 164467
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 29.9 23.7 35.5
 145 29.6 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.168 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051774.D
 Acq: 08 Nov 2022 09:31

Tgt Ion:180 Resp: 127154
 Ion Ratio Lower Upper
 180 100
 182 96.1 77.8 116.6
 145 29.7 25.0 37.6

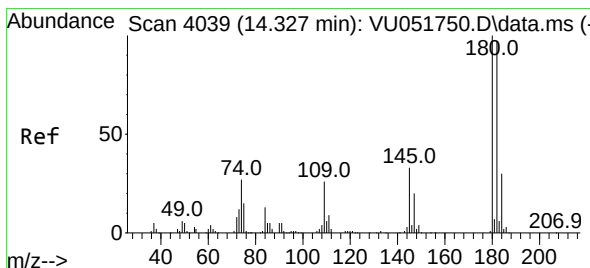
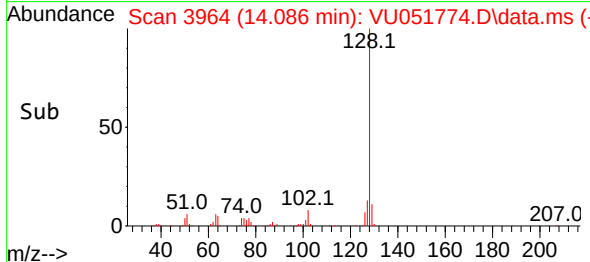
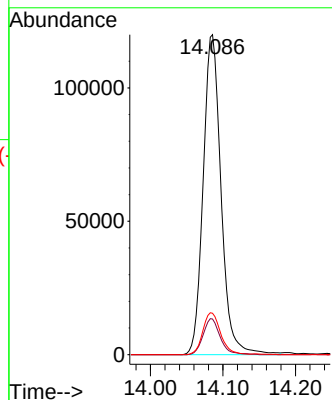
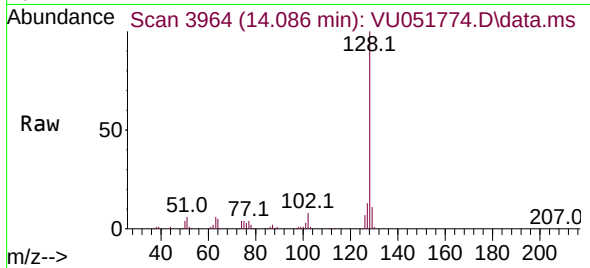




#71
Naphthalene
Concen: 4.485 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Instrument :
MSVOA_U
ClientSampleId :
VSTD005083

Tgt Ion:128 Resp: 206009
Ion Ratio Lower Upper
128 100
129 10.8 8.4 12.6
127 13.1 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.825 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051774.D
Acq: 08 Nov 2022 09:31

Tgt Ion:180 Resp: 119877
Ion Ratio Lower Upper
180 100
182 97.5 76.1 114.1
145 32.4 25.6 38.4

