

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
 Data File : VU051813.D
 Acq On : 10 Nov 2022 20:23
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

Quant Time: Nov 11 00:42:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	215118	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	215315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	108915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75816	4.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.600%
7) Chloroethane-d5	1.909	69	73644	4.358	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.562	65	30200	5.136	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	4.617	46	234882	40.031	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.060%
24) Chloroform-d	5.060	84	170474	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.700	65	87320	4.264	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.726	84	345062	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
36) 1,2-Dichloropropane-d6	6.687	67	111174	4.679	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.896	98	317536	5.943	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%
43) trans-1,3-Dichloroprop...	8.179	79	39404	5.424	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.400%
46) 2-Hexanone-d5	8.629	63	204985	46.872	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.740%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102293	4.698	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	12.192	152	112852	5.645	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	90088	3.829	ug/L	100
3) Chloromethane	1.527	50	110080	3.712	ug/L	100
5) Vinyl chloride	1.601	62	111763	3.934	ug/L	85
6) Bromomethane	1.848	94	90390	6.711	ug/L	97
8) Chloroethane	1.929	64	72121	4.181	ug/L	95
9) Trichlorofluoromethane	2.134	101	128975	4.136	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81082	4.422	ug/L	98
12) 1,1-Dichloroethene	2.578	96	76643	4.098	ug/L	96
13) Acetone	2.623	43	155838	52.346	ug/L	98
14) Carbon disulfide	2.790	76	192791	3.198	ug/L	100
15) Methyl Acetate	2.948	43	41160	5.281	ug/L	96
16) Methylene chloride	3.041	84	196635	6.419	ug/L	100
17) Methyl tert-butyl Ether	3.363	73	221015	5.154	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	85818	4.276	ug/L	98
19) 1,1-Dichloroethane	3.867	63	176351	4.764	ug/L	99
21) 2-Butanone	4.697	43	264143	56.656	ug/L	100
22) cis-1,2-Dichloroethene	4.665	96	103879	4.678	ug/L	98
23) Bromochloromethane	4.973	128	49260	4.744	ug/L	98
25) Chloroform	5.086	83	190424	4.958	ug/L	99

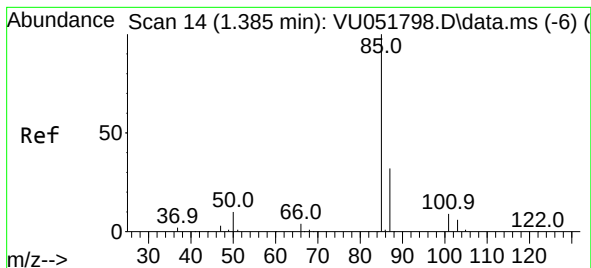
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111022\
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 00:38:34 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	111935	4.736	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	139402	4.768	ug/L	100
30) Cyclohexane	5.385	56	103186	3.833	ug/L	99
31) Carbon tetrachloride	5.523	117	116039	4.641	ug/L	98
33) Benzene	5.771	78	399673	4.704	ug/L	100
34) Trichloroethene	6.539	95	93838	4.576	ug/L	97
35) Methylcyclohexane	6.761	83	112410	3.965	ug/L	99
37) 1,2-Dichloropropane	6.790	63	112449	5.145	ug/L	100
38) Bromodichloromethane	7.105	83	137883	5.165	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	140241	5.002	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	658263	60.051	ug/L	100
42) Toluene	7.967	91	426518	4.888	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	121834	5.200	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	85784	5.357	ug/L	99
47) Tetrachloroethene	8.552	164	69716	4.439	ug/L	96
48) 2-Hexanone	8.681	43	482462	59.461	ug/L	98
49) Dibromochloromethane	8.806	129	98353	5.376	ug/L	99
50) 1,2-Dibromoethane	8.922	107	76278	5.279	ug/L	96
51) Chlorobenzene	9.446	112	274514	4.998	ug/L	98
52) Ethylbenzene	9.568	91	409906	4.868	ug/L	99
53) m,p-Xylene	9.694	106	161828	4.948	ug/L	97
54) o-Xylene	10.099	106	161903	5.065	ug/L	99
55) Styrene	10.112	104	285434	5.342	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	111716	5.626	ug/L	99
59) Bromoform	10.288	173	56945	5.659	ug/L	99
60) Isopropylbenzene	10.481	105	413711	5.203	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	78995	5.609	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	104385	4.877	ug/L	98
63) 1,2,4-Trimethylbenzene	11.465	105	309147	5.009	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	208903	5.277	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	209573	5.280	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	206527	5.356	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	16263	5.608	ug/L	95
69) 1,3,5-Trichlorobenzene	13.218	180	144694	5.128	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	115292	5.323	ug/L	98
71) Naphthalene	14.082	128	218340	5.400	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	118984	5.440	ug/L	100

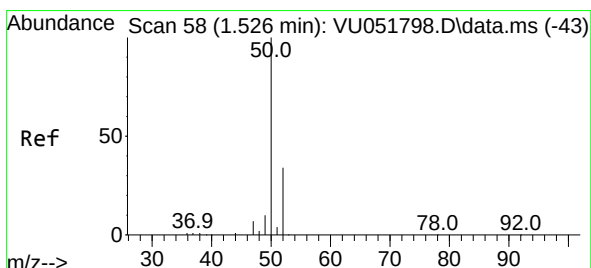
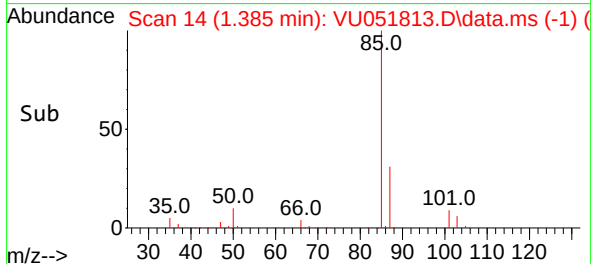
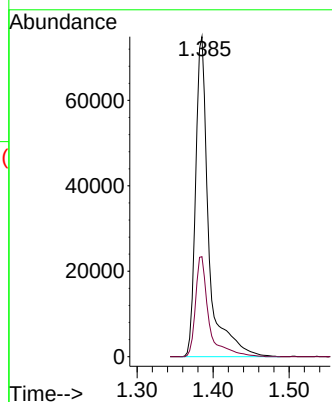
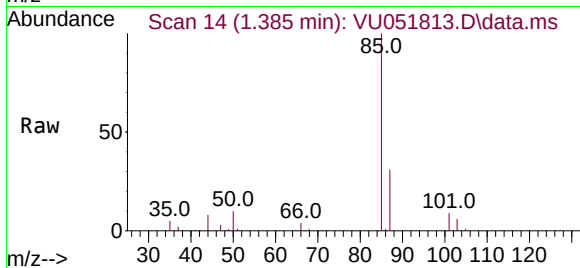
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 3.829 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

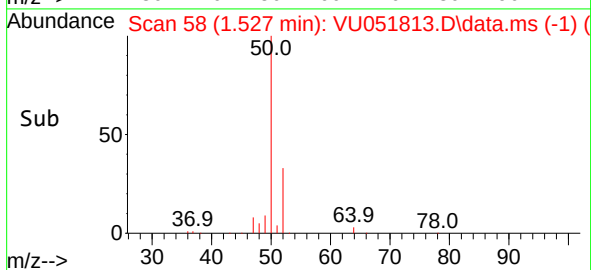
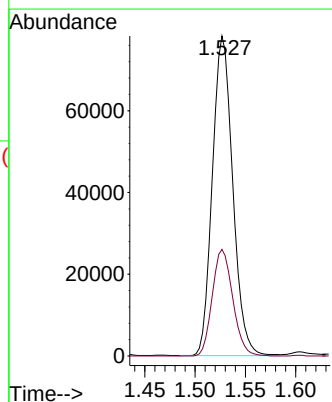
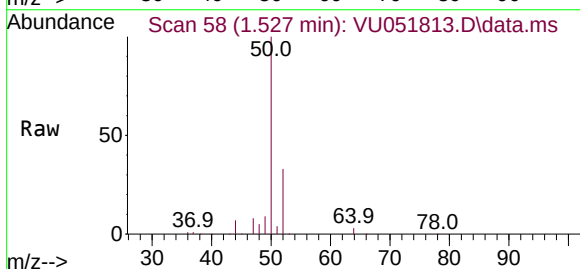
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

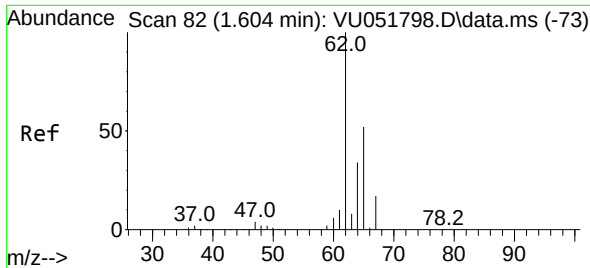
Tgt Ion: 85 Resp: 90088
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#3
Chloromethane
Concen: 3.712 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 50 Resp: 110080
Ion Ratio Lower Upper
50 100
52 33.3 23.2 43.2

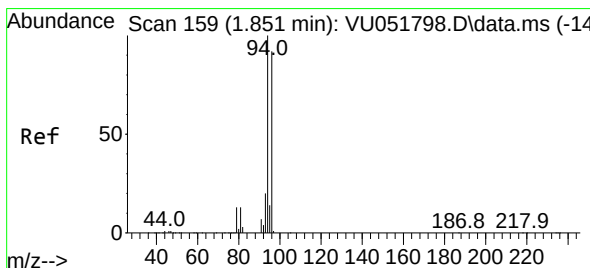
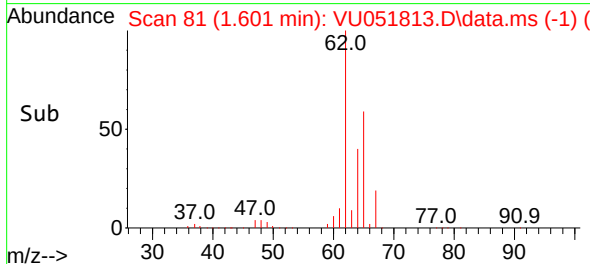
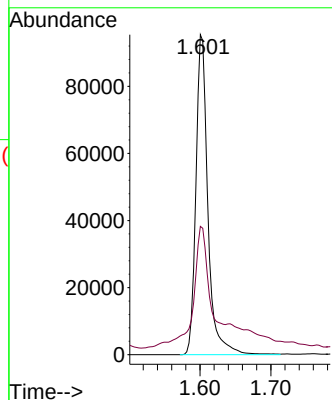
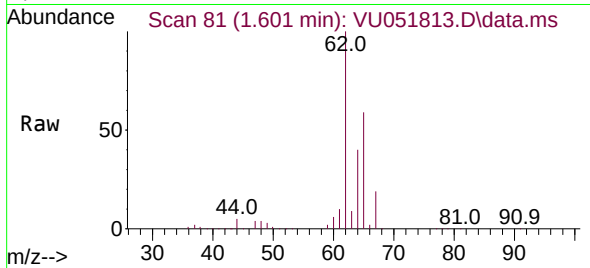




#5
 Vinyl chloride
 Concen: 3.934 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051813.D
 Acq: 10 Nov 2022 20:23

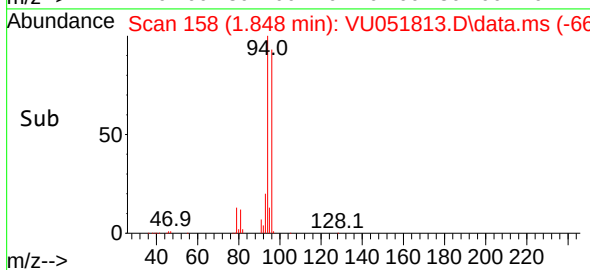
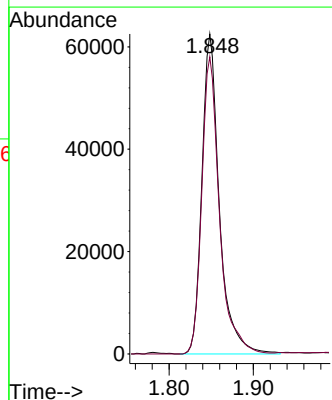
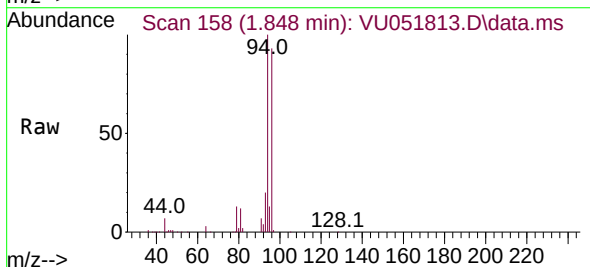
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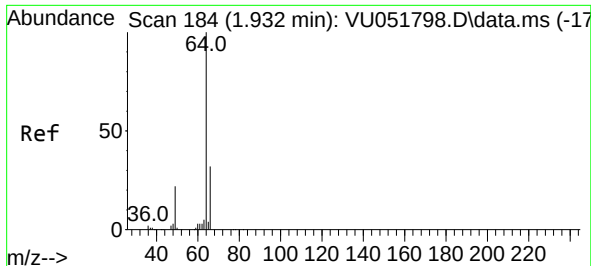
Tgt Ion: 62 Resp: 111763
 Ion Ratio Lower Upper
 62 100
 64 40.1 22.1 41.1



#6
 Bromomethane
 Concen: 6.711 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. -0.003 min
 Lab File: VU051813.D
 Acq: 10 Nov 2022 20:23

Tgt Ion: 94 Resp: 90390
 Ion Ratio Lower Upper
 94 100
 96 92.9 63.2 117.4

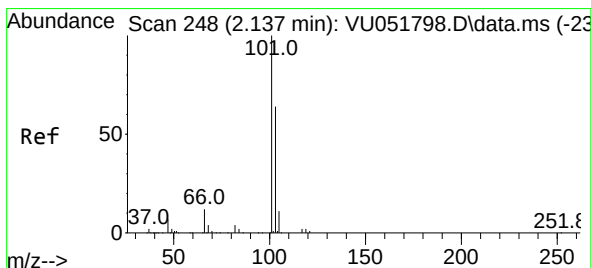
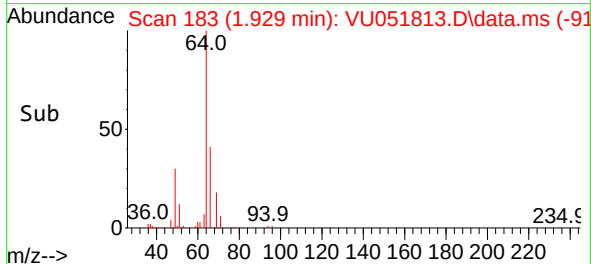
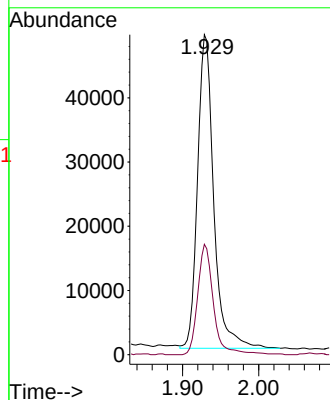
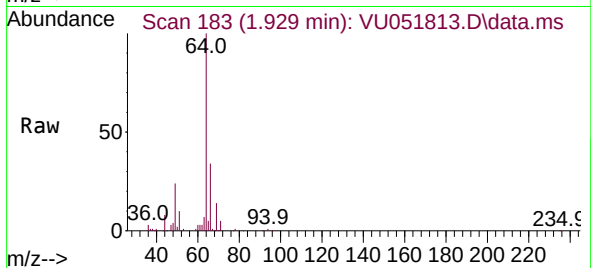




#8
Chloroethane
Concen: 4.181 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

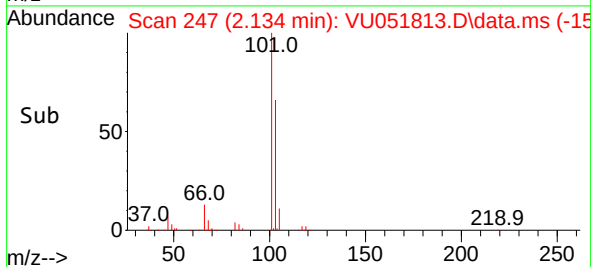
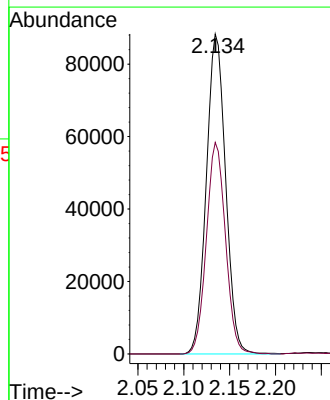
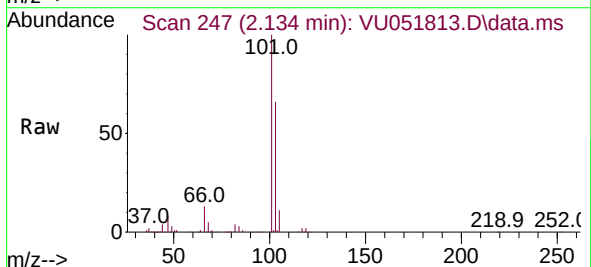
Instrument :
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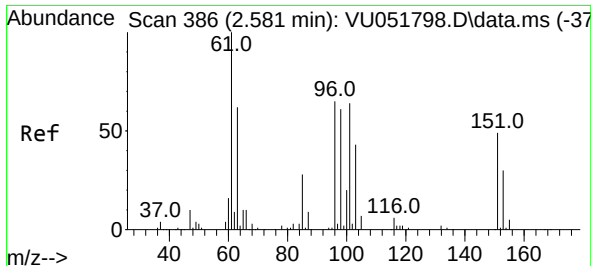
Tgt Ion: 64 Resp: 72121
Ion Ratio Lower Upper
64 100
66 34.5 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.136 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 101 Resp: 128975
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

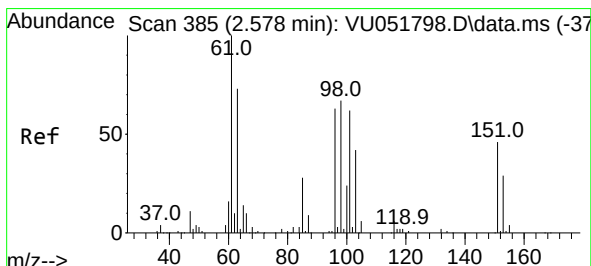
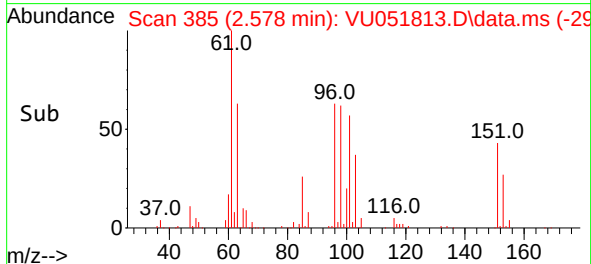
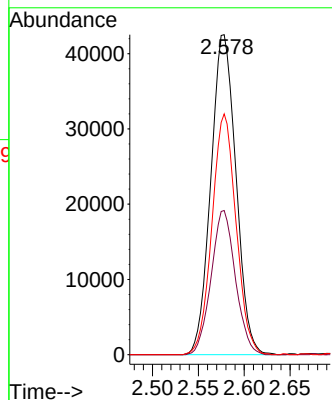
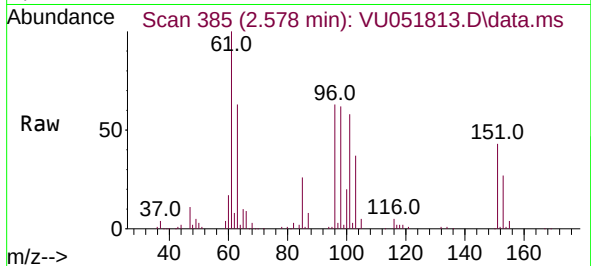




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.422 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

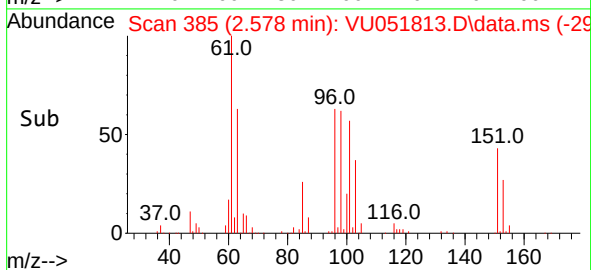
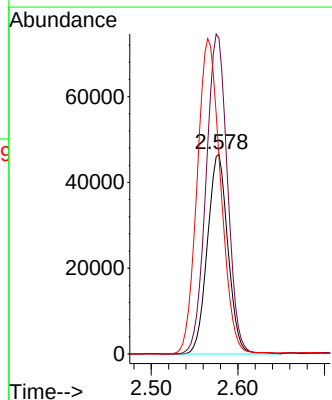
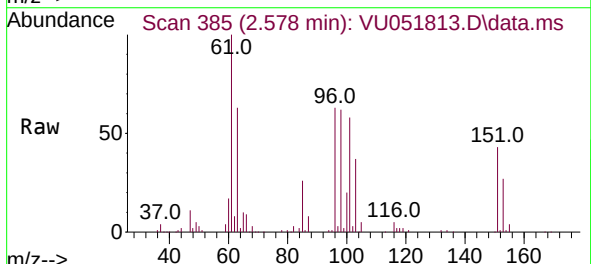
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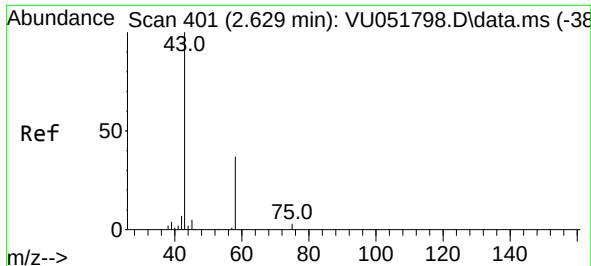
Tgt Ion:101 Resp: 81082
Ion Ratio Lower Upper
101 100
85 43.5 35.6 53.4
151 72.2 59.6 89.4



#12
1,1-Dichloroethene
Concen: 4.098 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 96 Resp: 76643
Ion Ratio Lower Upper
96 100
61 158.1 108.8 202.0
63 99.1 64.9 120.5





#13

Acetone

Concen: 52.346 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.006 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

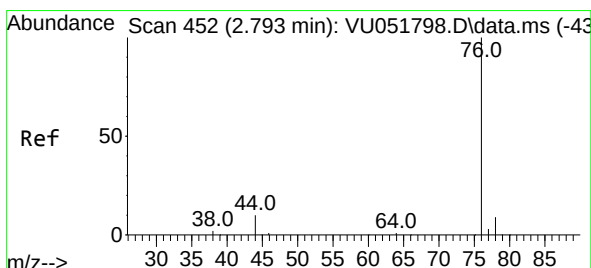
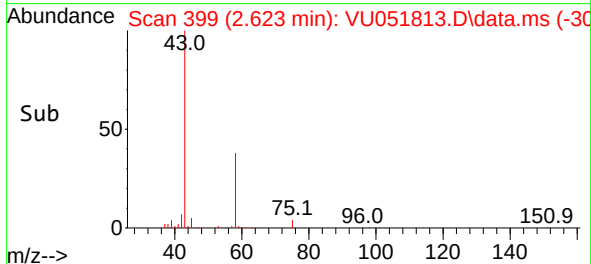
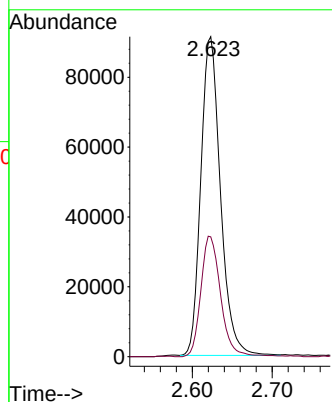
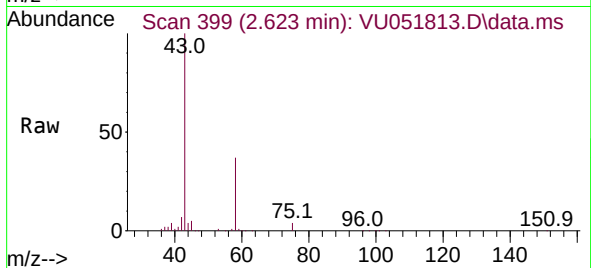
VSTD005197

Tgt Ion: 43 Resp: 155838

Ion Ratio Lower Upper

43 100

58 38.3 0.0 73.8



#14

Carbon disulfide

Concen: 3.198 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.003 min

Lab File: VU051813.D

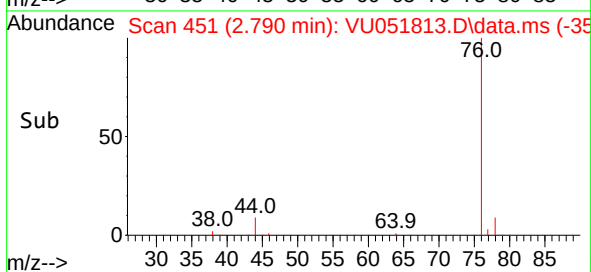
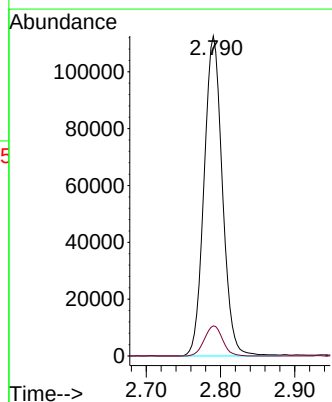
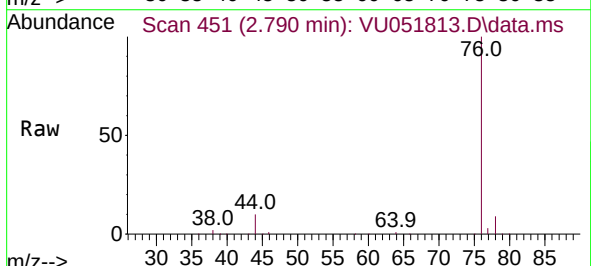
Acq: 10 Nov 2022 20:23

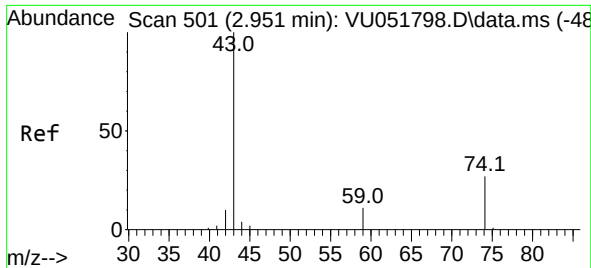
Tgt Ion: 76 Resp: 192791

Ion Ratio Lower Upper

76 100

78 9.4 7.4 11.2

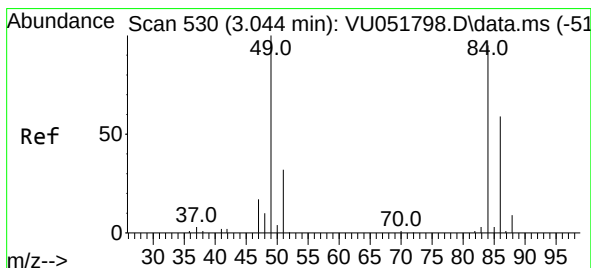
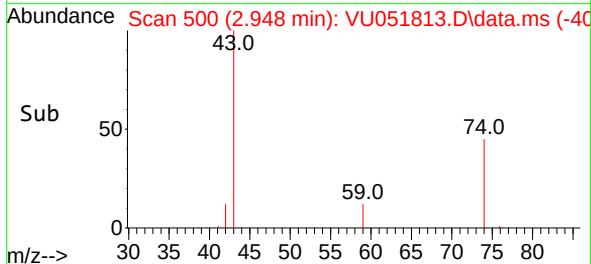
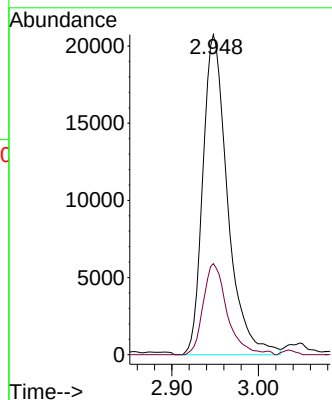
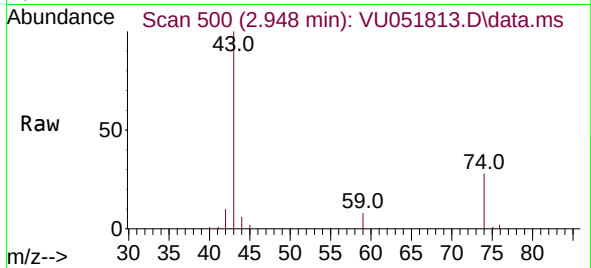




#15
Methyl Acetate
Concen: 5.281 ug/L
RT: 2.948 min Scan# 501
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

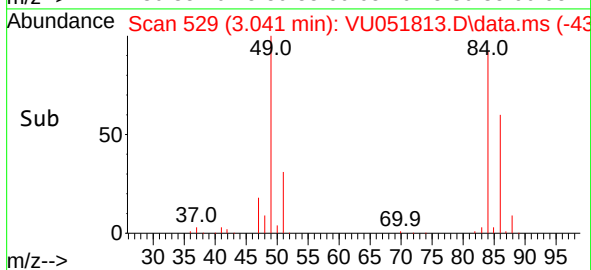
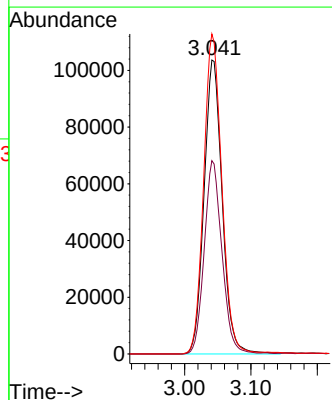
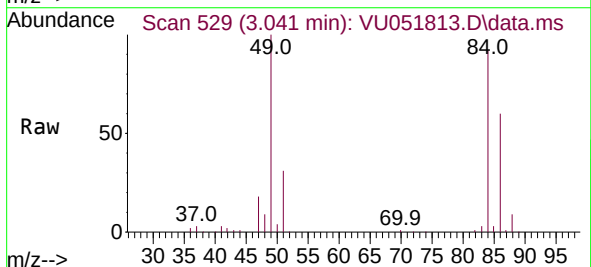
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

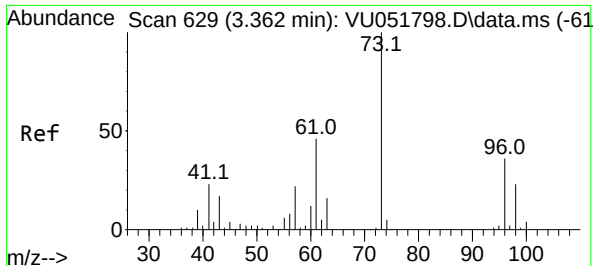
Tgt Ion: 43 Resp: 41160
Ion Ratio Lower Upper
43 100
74 27.2 20.2 30.4



#16
Methylene chloride
Concen: 6.419 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 84 Resp: 196635
Ion Ratio Lower Upper
84 100
86 65.8 46.3 85.9
49 108.9 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.154 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005197

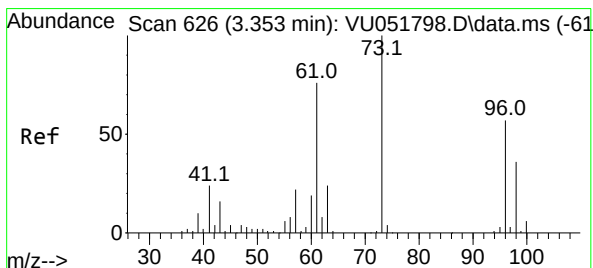
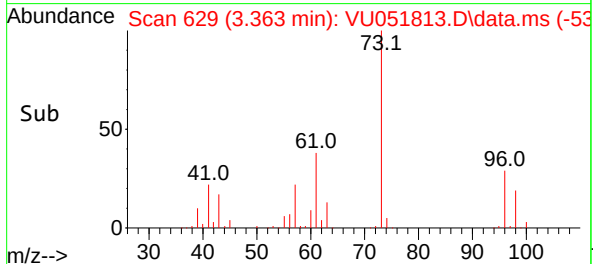
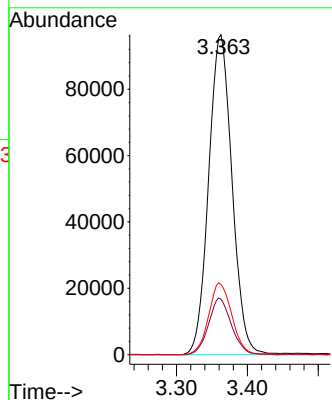
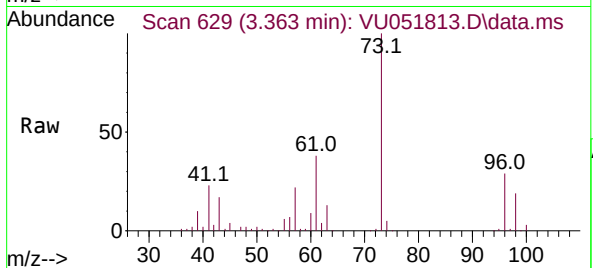
Tgt Ion: 73 Resp: 221015

Ion Ratio Lower Upper

73 100

43 17.3 13.6 20.4

57 22.2 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.276 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

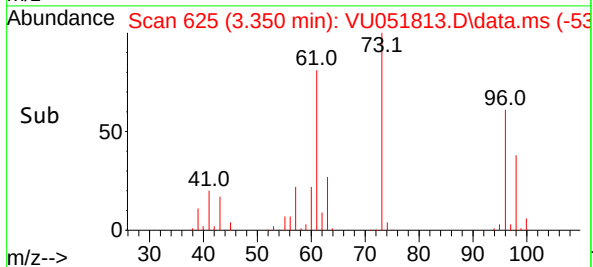
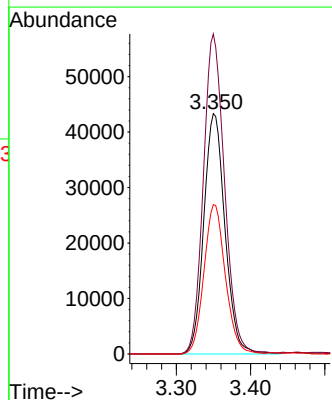
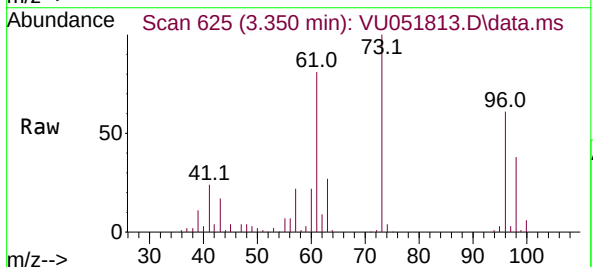
Tgt Ion: 96 Resp: 85818

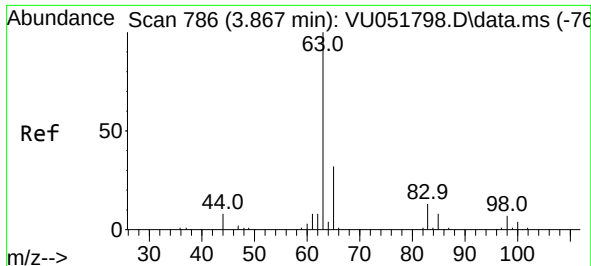
Ion Ratio Lower Upper

96 100

61 133.2 94.7 175.9

98 62.1 44.2 82.0

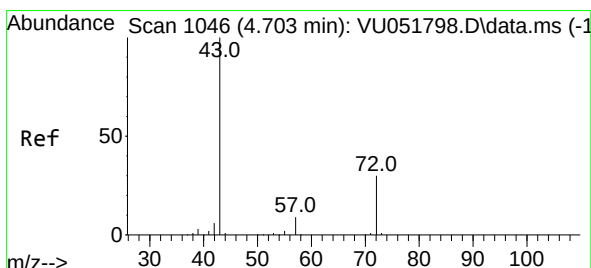
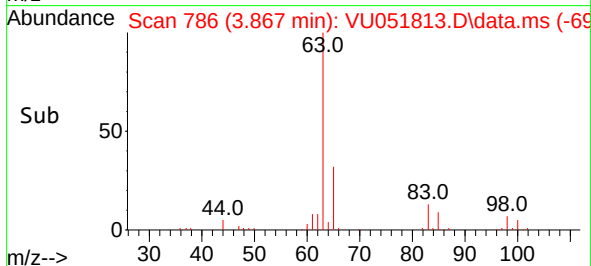
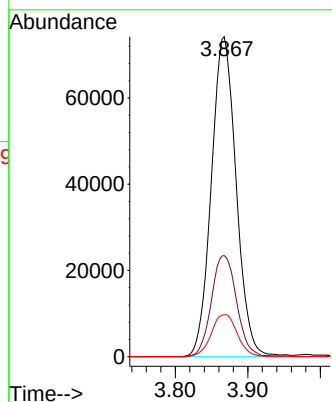
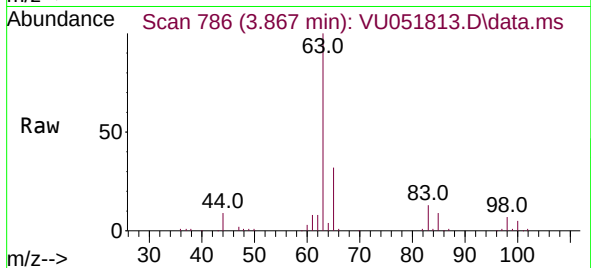




#19
1,1-Dichloroethane
Concen: 4.764 ug/L
RT: 3.867 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

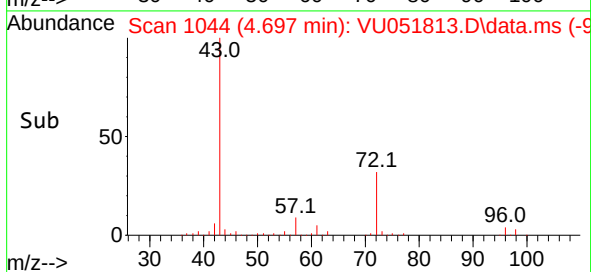
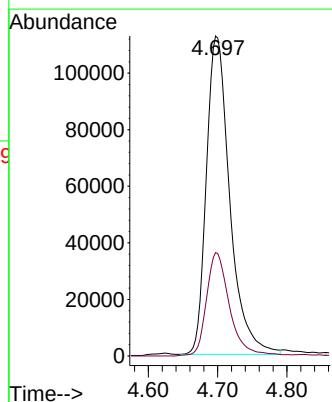
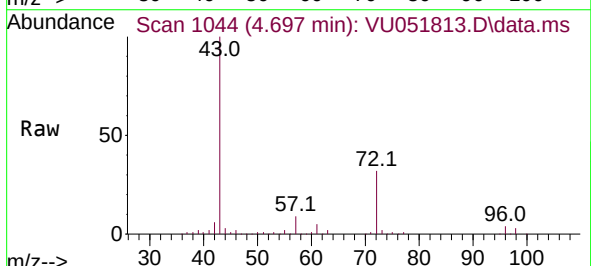
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

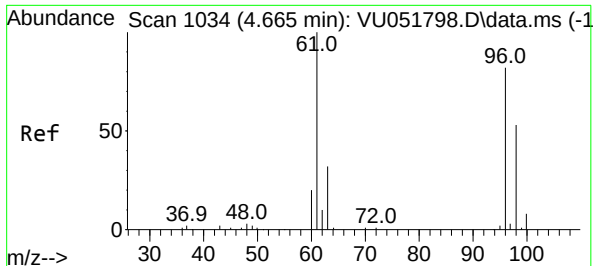
Tgt Ion: 63 Resp: 176351
Ion Ratio Lower Upper
63 100
65 31.6 22.7 42.1
83 13.1 9.2 17.0



#21
2-Butanone
Concen: 56.656 ug/L
RT: 4.697 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 43 Resp: 264143
Ion Ratio Lower Upper
43 100
72 32.1 16.2 48.5

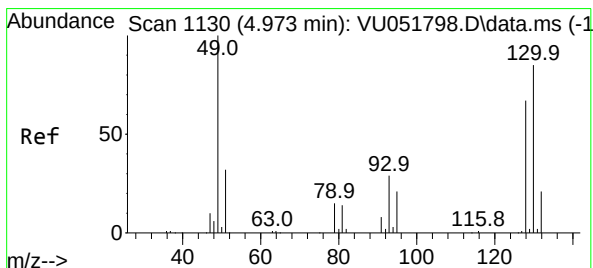
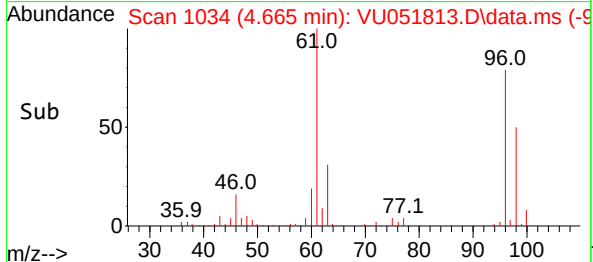
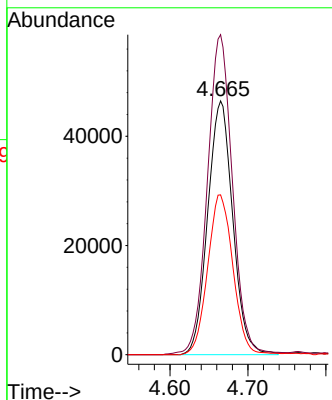
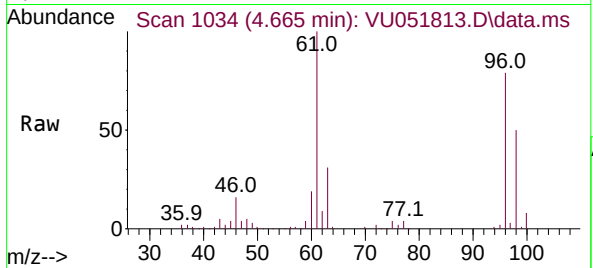




#22
 cis-1,2-Dichloroethene
 Concen: 4.678 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051813.D
 Acq: 10 Nov 2022 20:23

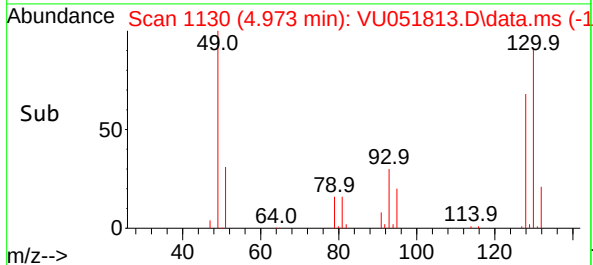
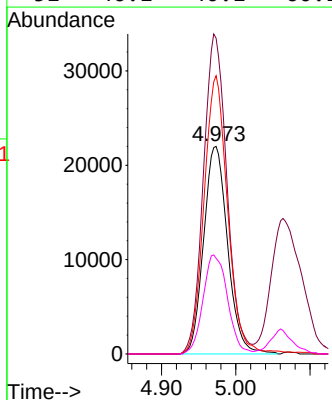
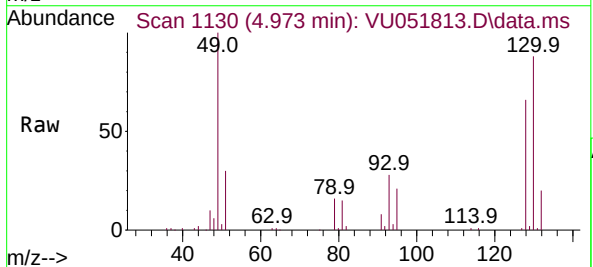
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005197

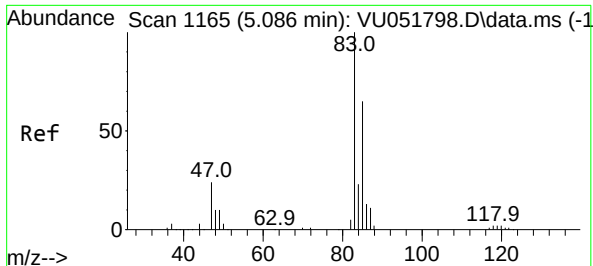
Tgt Ion: 96 Resp: 103879
 Ion Ratio Lower Upper
 96 100
 61 126.1 86.4 160.4
 98 63.0 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.744 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051813.D
 Acq: 10 Nov 2022 20:23

Tgt Ion: 128 Resp: 49260
 Ion Ratio Lower Upper
 128 100
 49 152.1 105.5 195.9
 130 134.1 93.5 173.7
 51 46.1 40.1 60.1





#25

Chloroform

Concen: 4.958 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

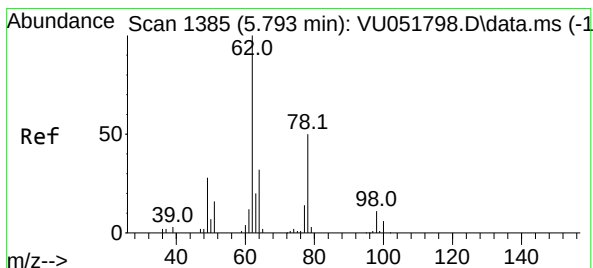
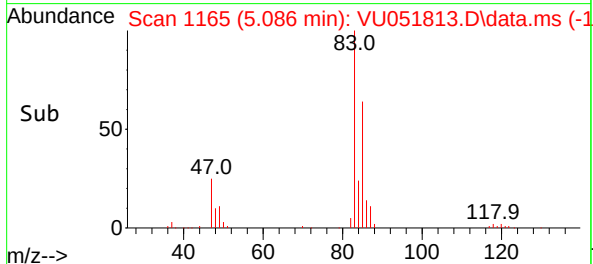
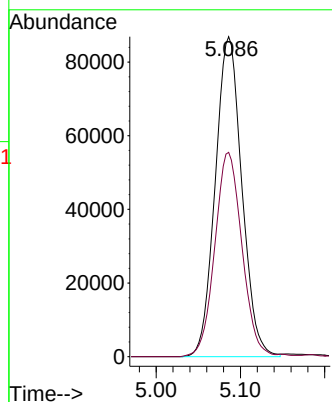
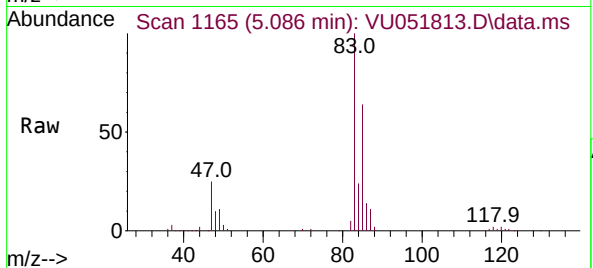
VSTD005197

Tgt Ion: 83 Resp: 190424

Ion Ratio Lower Upper

83 100

85 63.9 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.736 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051813.D

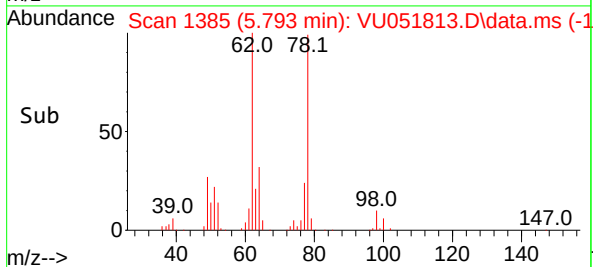
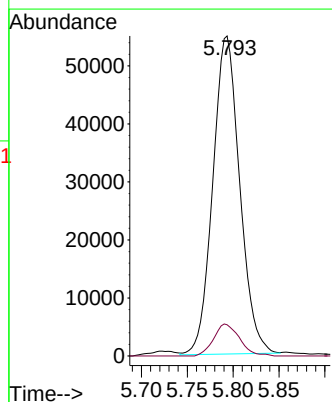
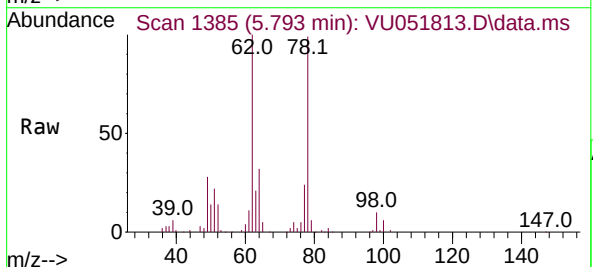
Acq: 10 Nov 2022 20:23

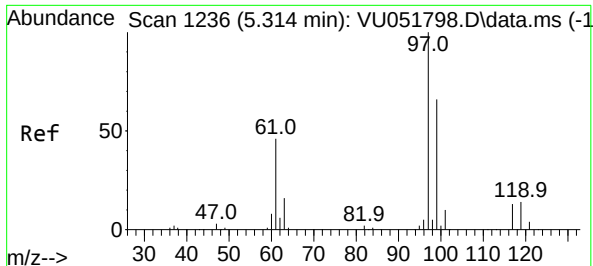
Tgt Ion: 62 Resp: 111935

Ion Ratio Lower Upper

62 100

98 9.8 7.4 11.0

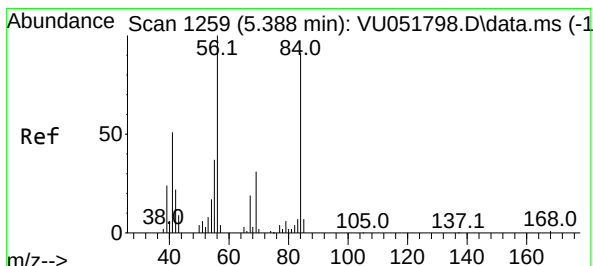
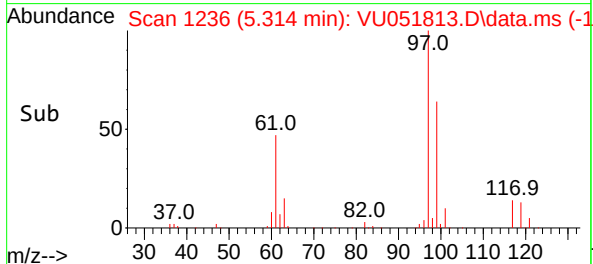
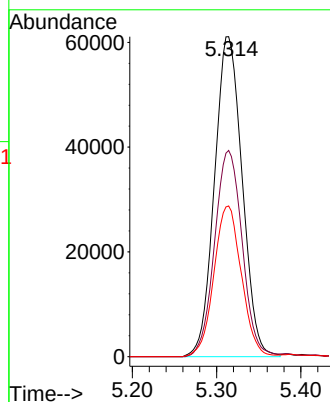
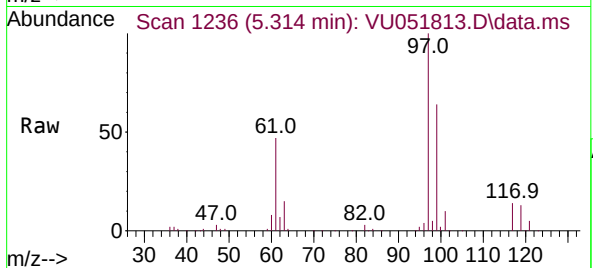




#29
1,1,1-Trichloroethane
Concen: 4.768 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

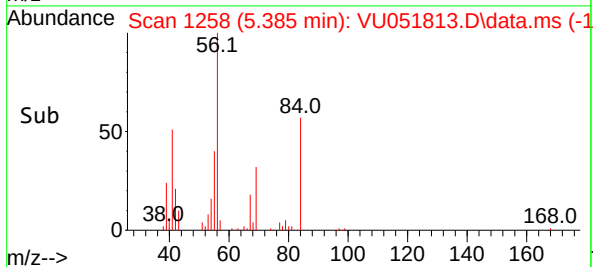
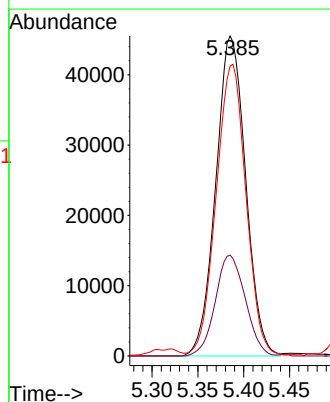
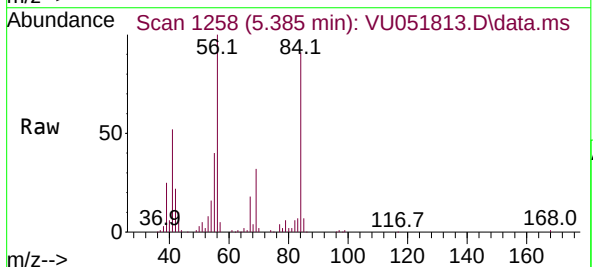
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

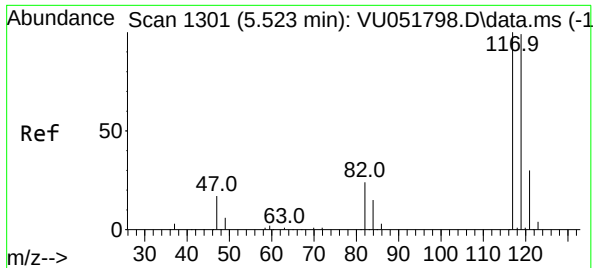
Tgt Ion: 97 Resp: 139402
Ion Ratio Lower Upper
97 100
99 64.4 51.1 76.7
61 46.8 37.4 56.0



#30
Cyclohexane
Concen: 3.833 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 56 Resp: 103186
Ion Ratio Lower Upper
56 100
69 31.6 25.4 38.0
84 90.0 71.4 107.0

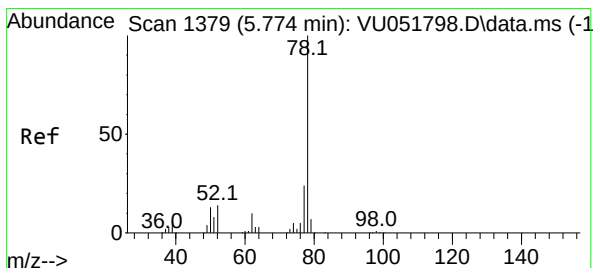
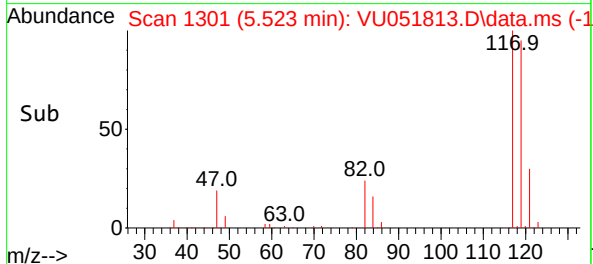
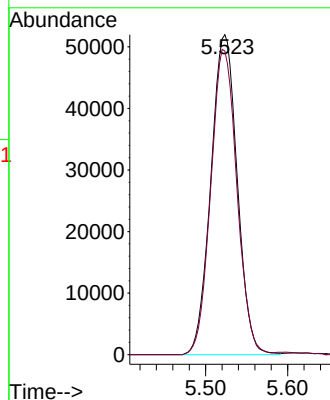
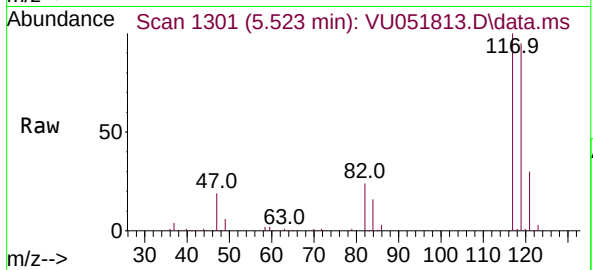




#31
Carbon tetrachloride
Concen: 4.641 ug/L
RT: 5.523 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

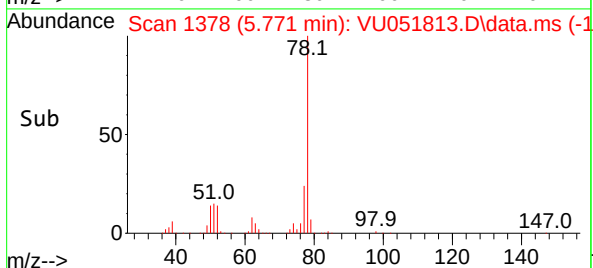
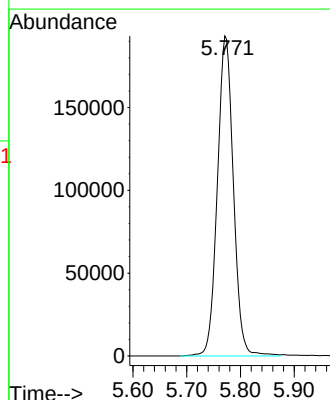
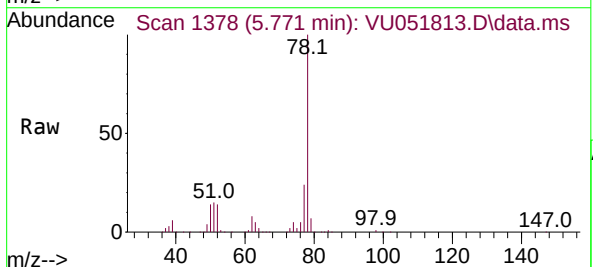
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

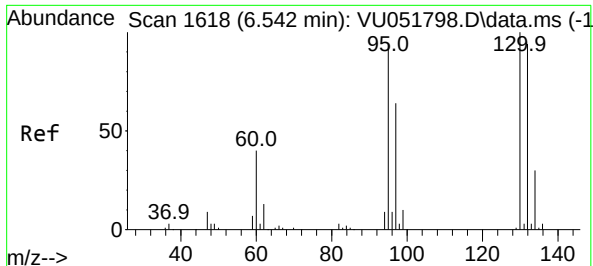
Tgt Ion:117 Resp: 116039
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 4.704 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 78 Resp: 399673



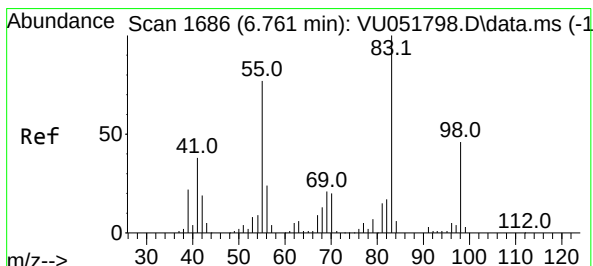
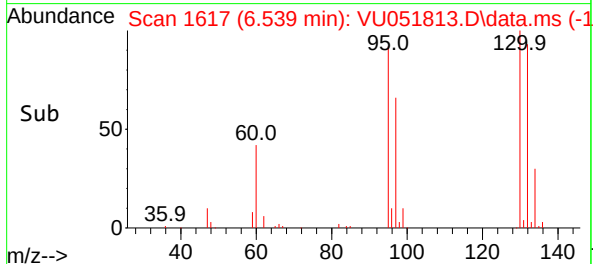
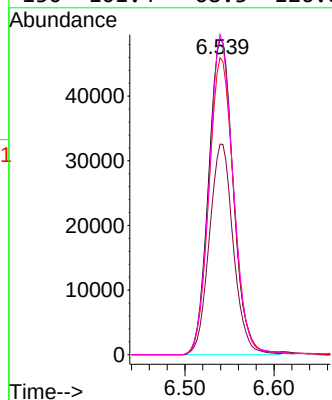
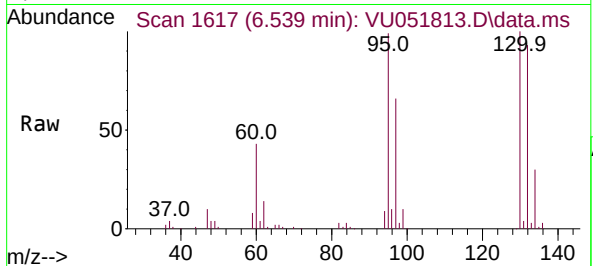


#34
Trichloroethene
Concen: 4.576 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

Tgt Ion: 95 Resp: 93838

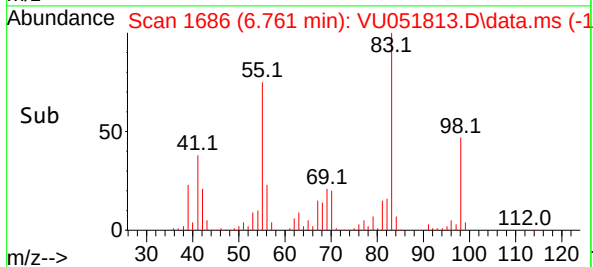
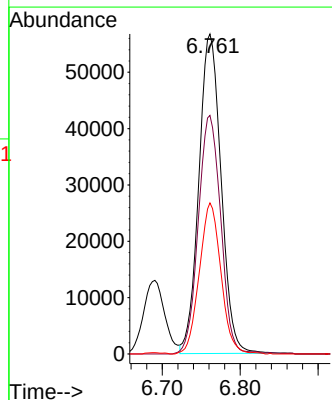
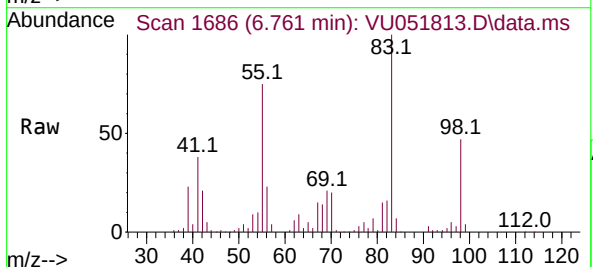
Ion	Ratio	Lower	Upper
95	100		
97	66.7	45.2	84.0
132	94.1	66.5	123.5
130	101.4	68.3	126.8

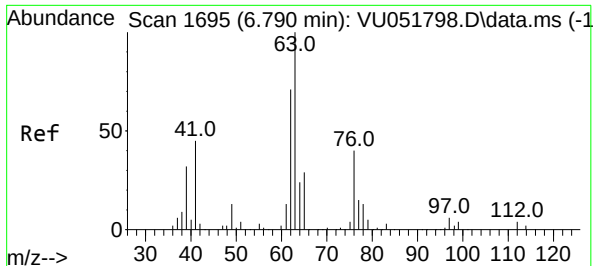


#35
Methylcyclohexane
Concen: 3.965 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 83 Resp: 112410

Ion	Ratio	Lower	Upper
83	100		
55	75.3	60.6	90.8
98	45.9	35.8	53.6





#37

1,2-Dichloropropane

Concen: 5.145 ug/L

RT: 6.790 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

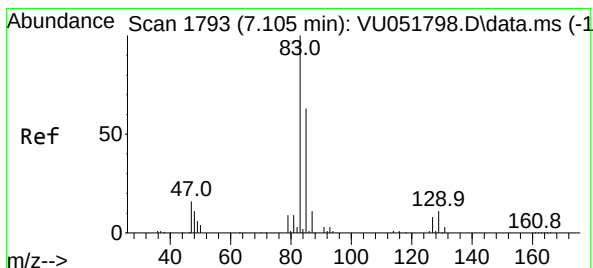
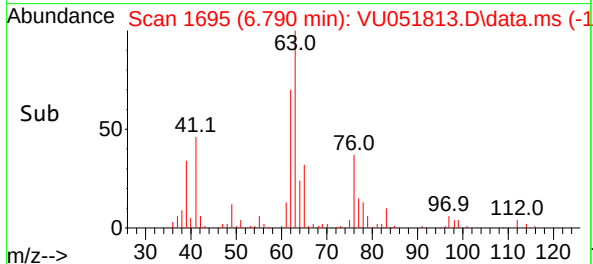
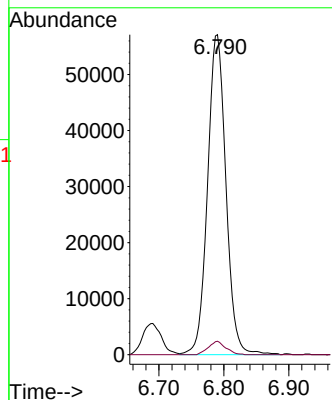
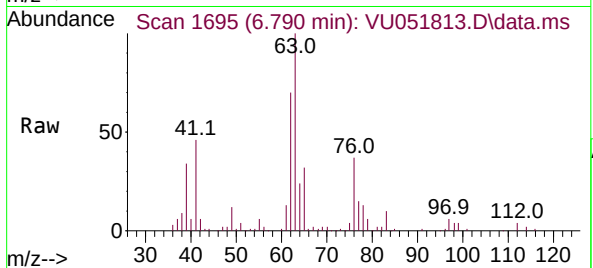
VSTD005197

Tgt Ion: 63 Resp: 112449

Ion Ratio Lower Upper

63 100

112 4.0 3.3 4.9



#38

Bromodichloromethane

Concen: 5.165 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

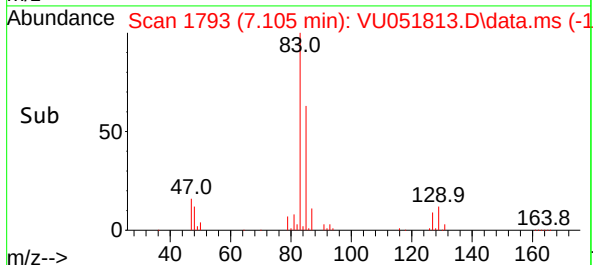
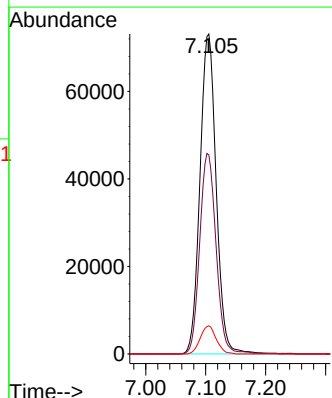
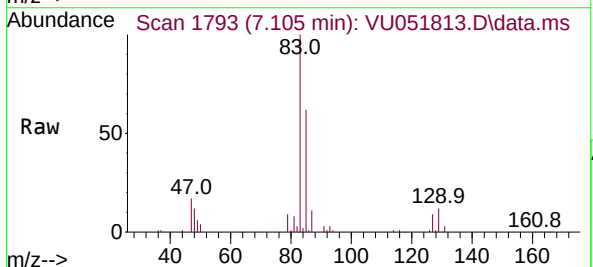
Tgt Ion: 83 Resp: 137883

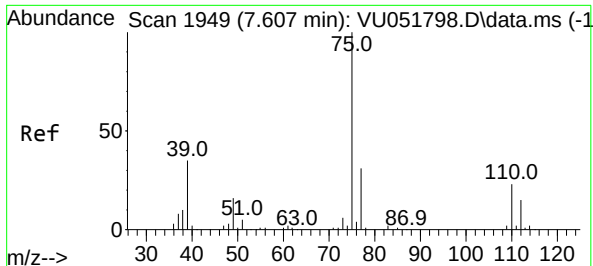
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.7

127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.002 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

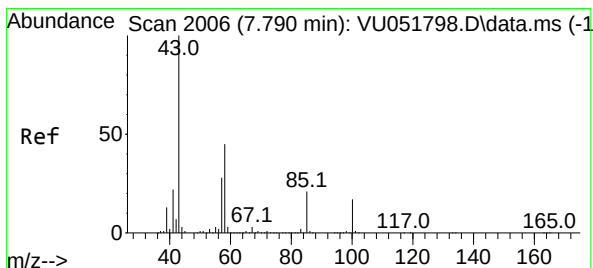
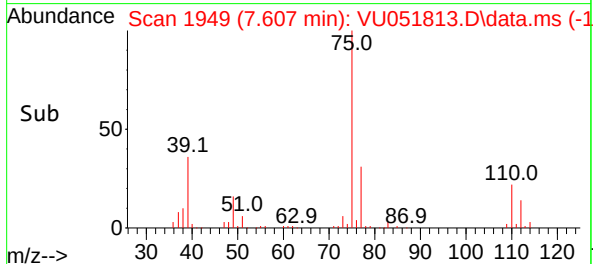
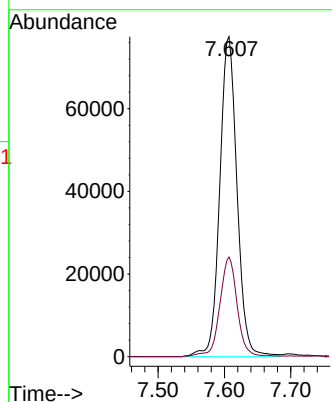
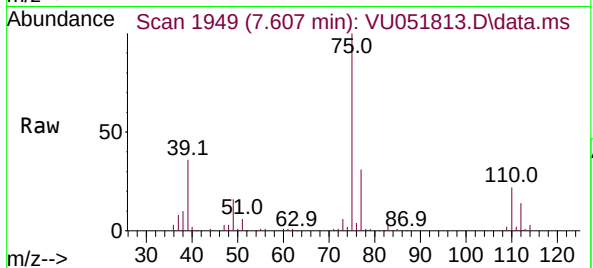
VSTD005197

Tgt Ion: 75 Resp: 140241

Ion Ratio Lower Upper

75 100

77 31.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 60.051 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. -0.003 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

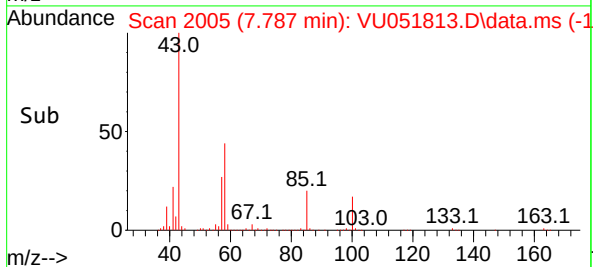
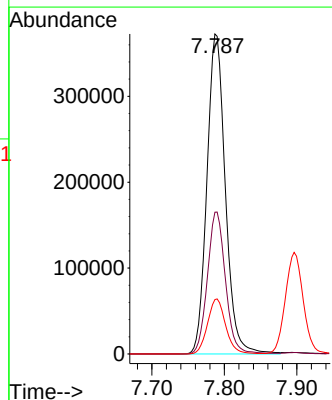
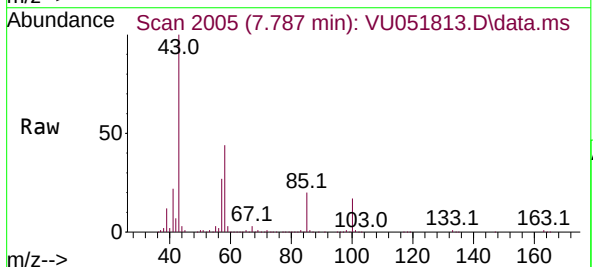
Tgt Ion: 43 Resp: 658263

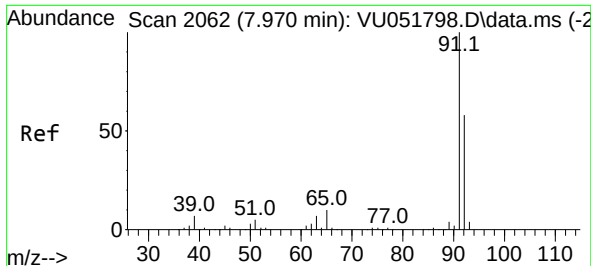
Ion Ratio Lower Upper

43 100

58 43.6 35.0 52.6

100 16.9 13.4 20.0

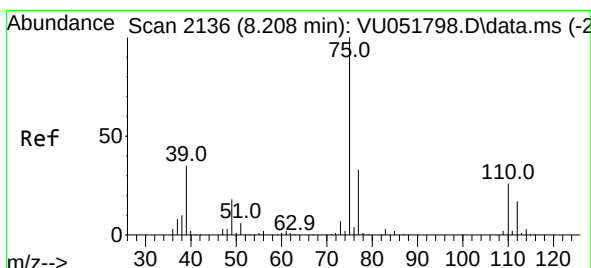
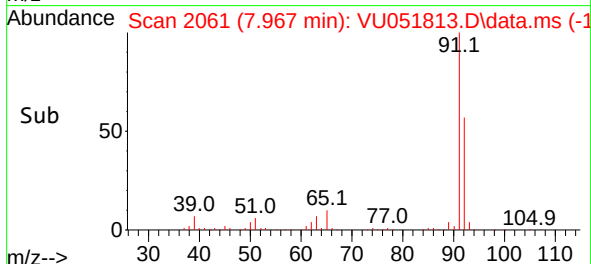
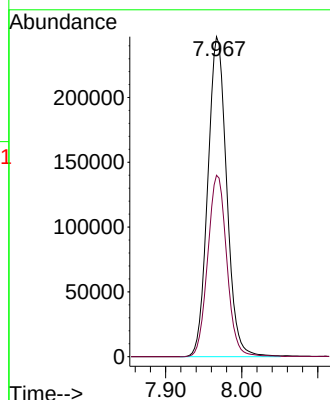
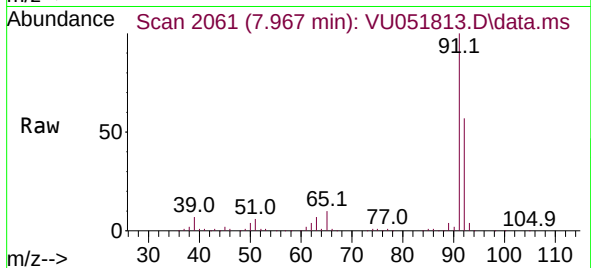




#42
Toluene
Concen: 4.888 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

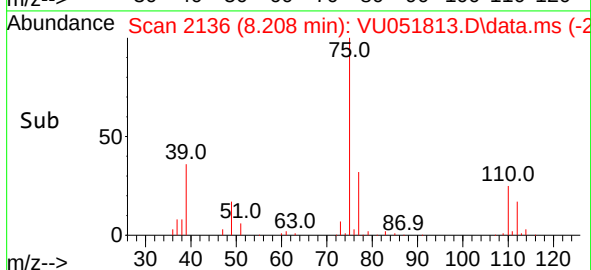
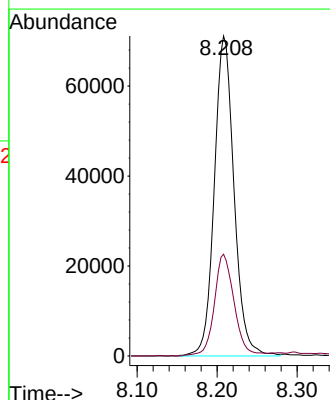
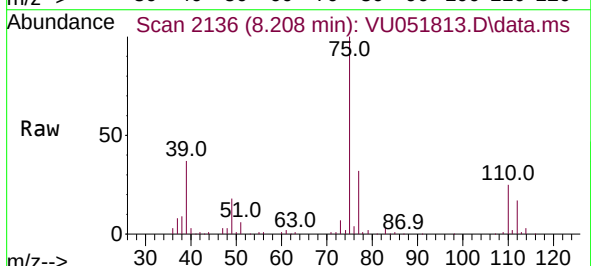
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

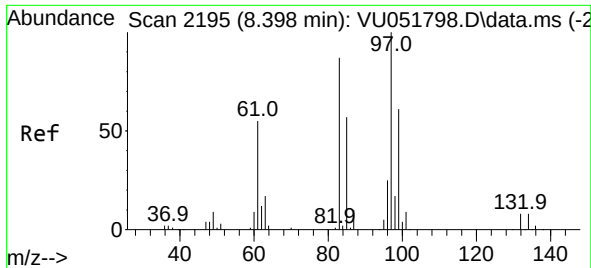
Tgt Ion: 91 Resp: 426518
Ion Ratio Lower Upper
91 100
92 56.7 40.5 75.3



#44
trans-1,3-Dichloropropene
Concen: 5.200 ug/L
RT: 8.208 min Scan# 2136
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 75 Resp: 121834
Ion Ratio Lower Upper
75 100
77 31.8 21.8 40.6

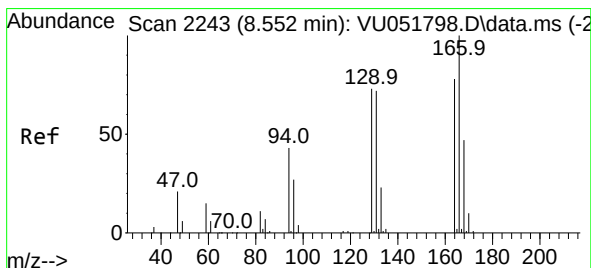
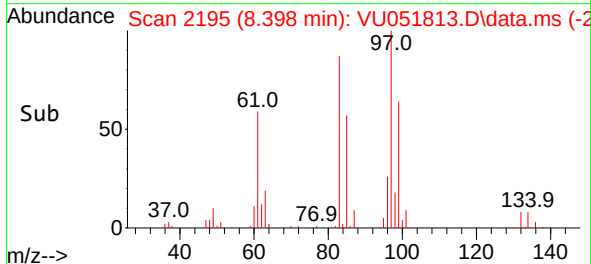
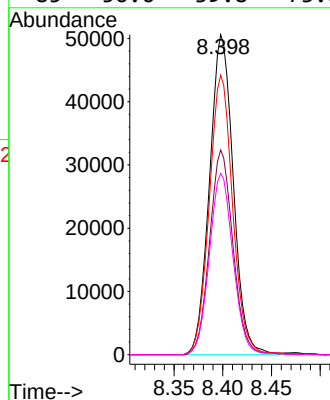
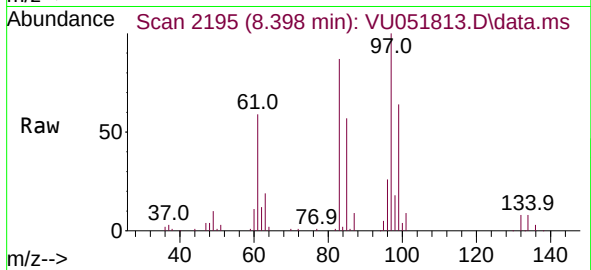




#45
1,1,2-Trichloroethane
Concen: 5.357 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

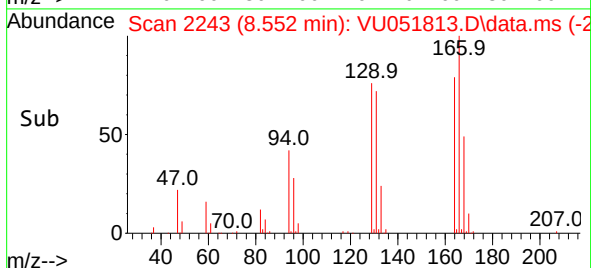
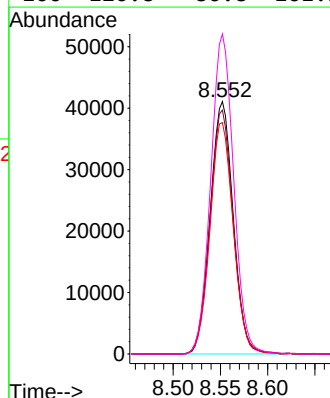
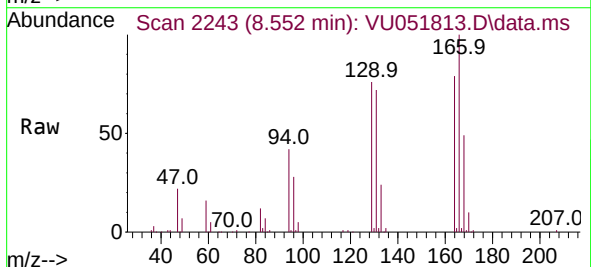
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

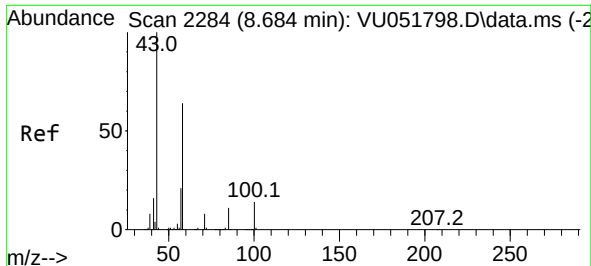
Tgt Ion:	97	Resp:	85784
Ion	Ratio	Lower	Upper
97	100		
99	64.0	43.4	80.6
83	87.4	61.3	113.9
85	56.6	39.8	73.8



#47
Tetrachloroethene
Concen: 4.439 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion:	164	Resp:	69716
Ion	Ratio	Lower	Upper
164	100		
129	96.6	64.0	118.8
131	91.6	60.7	112.7
166	126.8	86.8	161.2



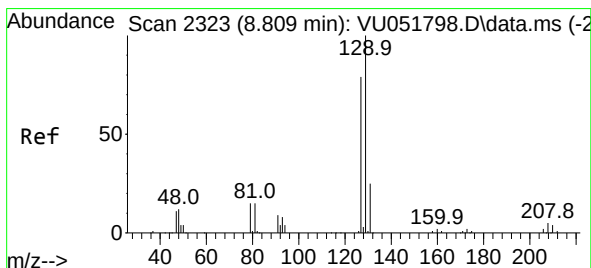
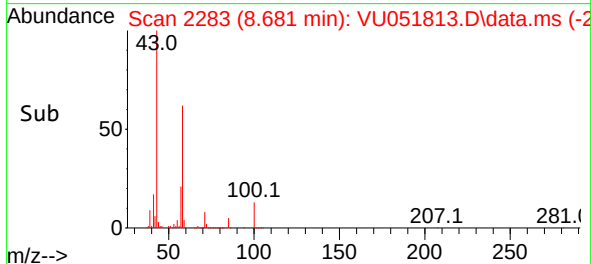
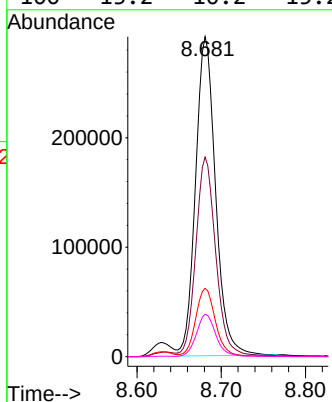
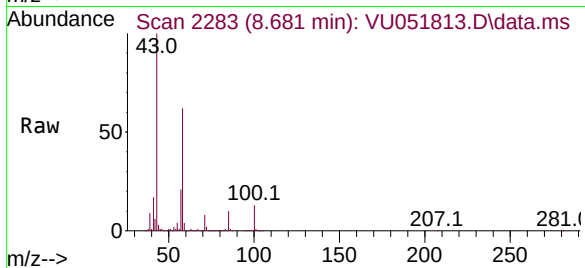


#48
2-Hexanone
Concen: 59.461 ug/L
RT: 8.681 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

Tgt Ion: 43 Resp: 482462

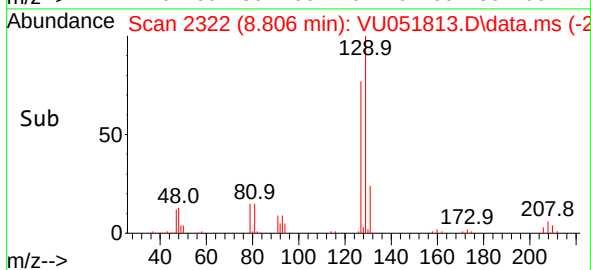
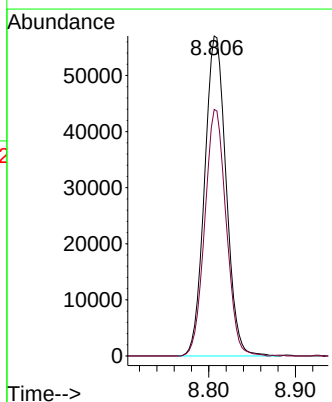
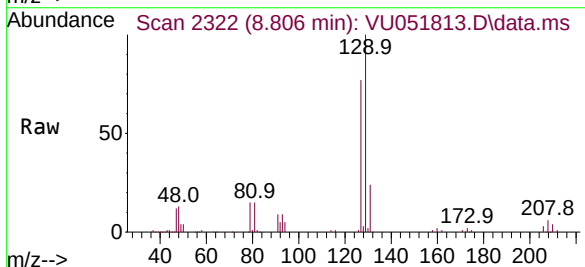
Ion	Ratio	Lower	Upper
43	100		
58	62.1	48.2	72.2
57	21.3	16.6	25.0
100	13.2	10.2	15.2

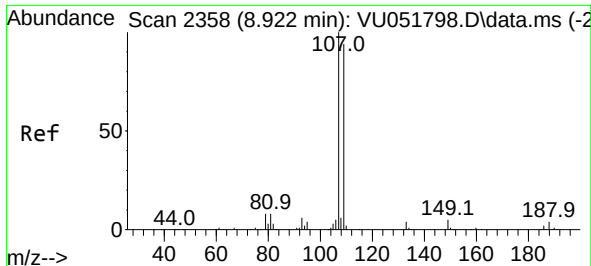


#49
Dibromochloromethane
Concen: 5.376 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 129 Resp: 98353

Ion	Ratio	Lower	Upper
129	100		
127	77.1	54.8	101.8





#50

1,2-Dibromoethane

Concen: 5.279 ug/L

RT: 8.922 min Scan# 2358

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005197

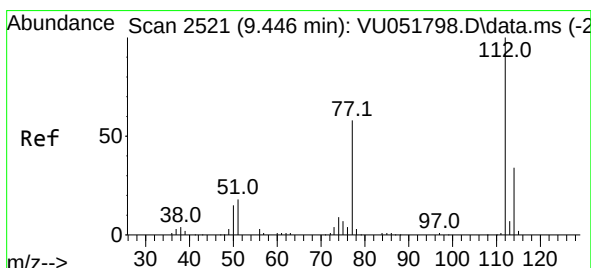
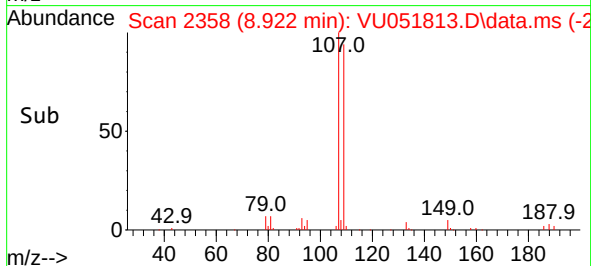
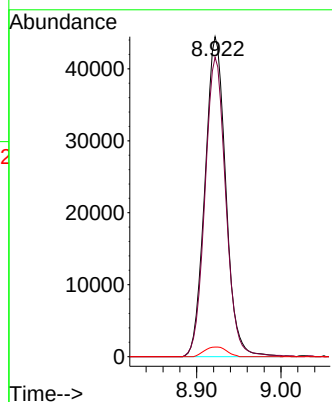
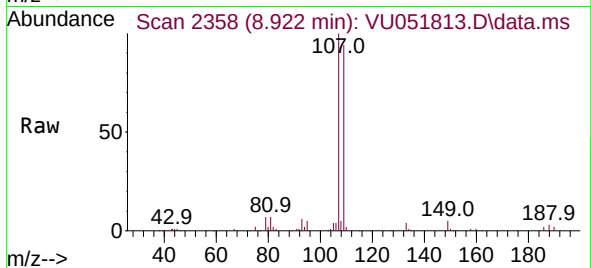
Tgt Ion:107 Resp: 76278

Ion Ratio Lower Upper

107 100

109 93.5 63.0 117.0

188 3.0 3.0 4.4



#51

Chlorobenzene

Concen: 4.998 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

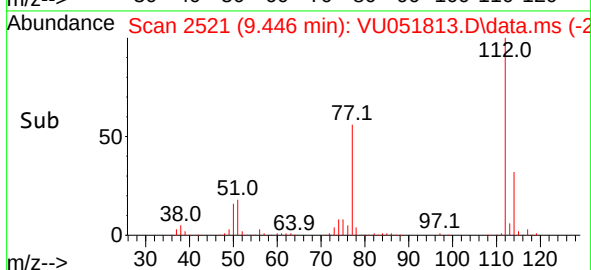
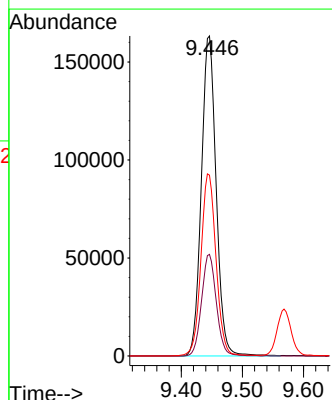
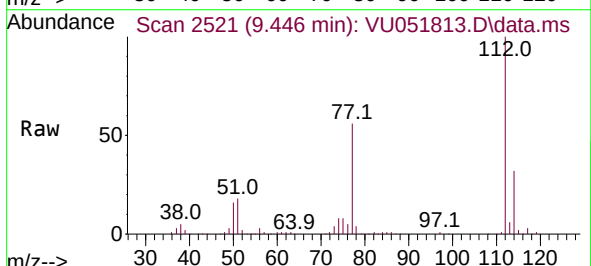
Tgt Ion:112 Resp: 274514

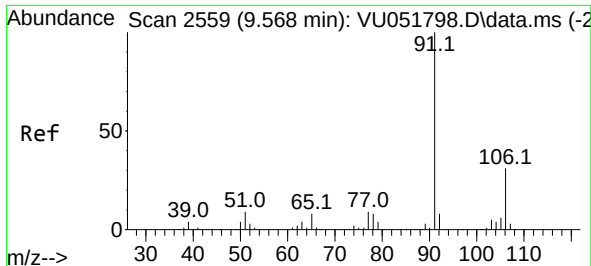
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 56.5 46.7 70.1

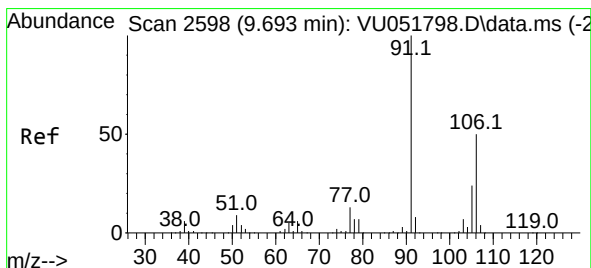
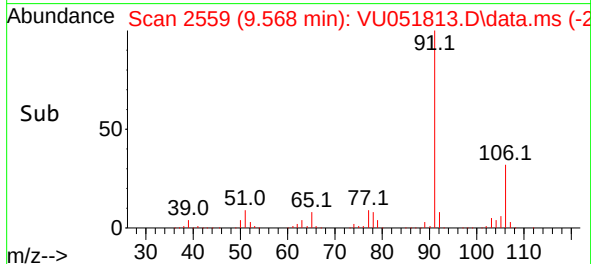
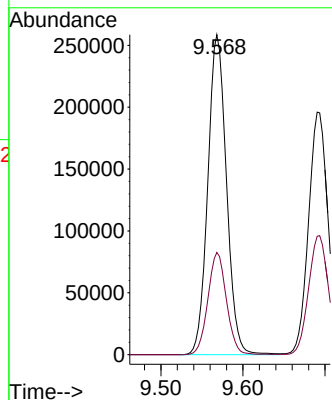
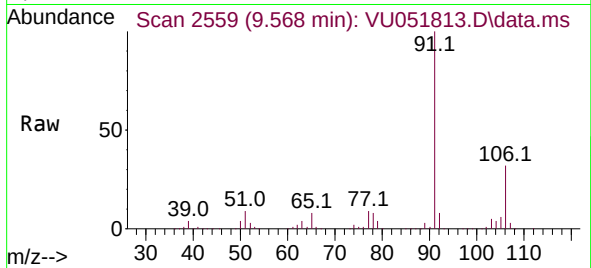




#52
Ethylbenzene
Concen: 4.868 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

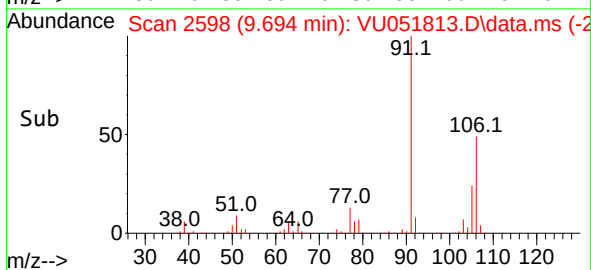
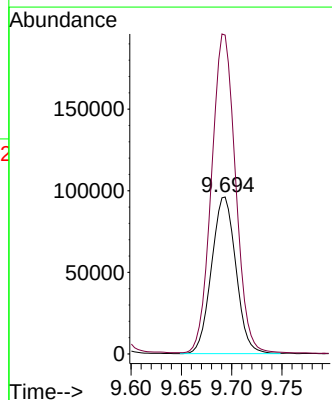
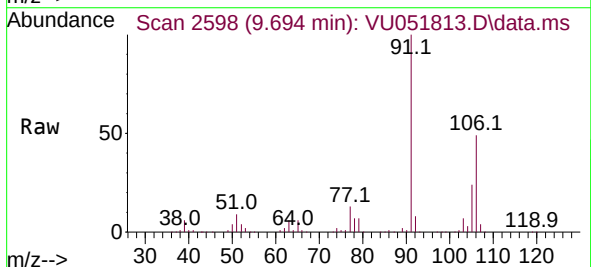
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

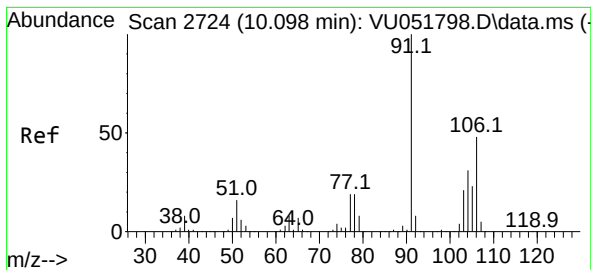
Tgt Ion: 91 Resp: 409906
Ion Ratio Lower Upper
91 100
106 32.0 21.8 40.6



#53
m,p-Xylene
Concen: 4.948 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 106 Resp: 161828
Ion Ratio Lower Upper
106 100
91 203.1 139.4 259.0





#54

o-Xylene

Concen: 5.065 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

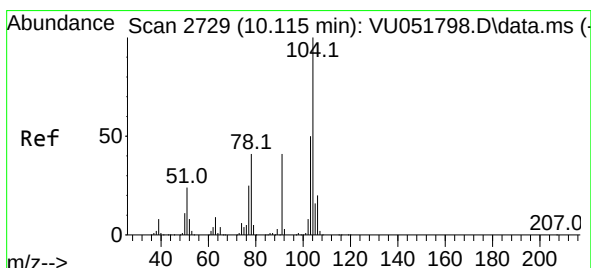
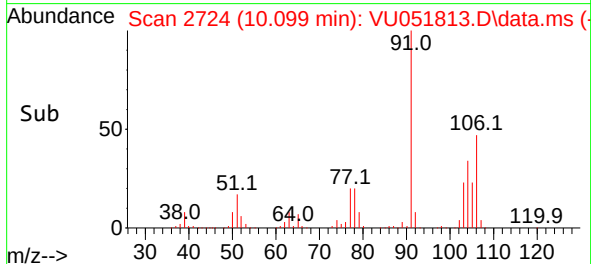
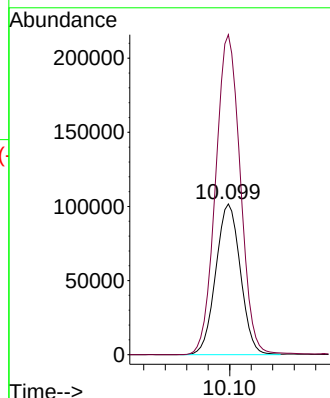
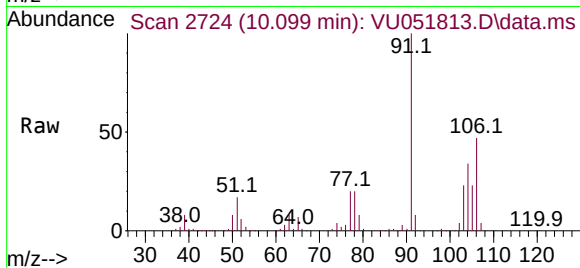
VSTD005197

Tgt Ion:106 Resp: 161903

Ion Ratio Lower Upper

106 100

91 212.4 149.2 277.2



#55

Styrene

Concen: 5.342 ug/L

RT: 10.112 min Scan# 2728

Delta R.T. -0.003 min

Lab File: VU051813.D

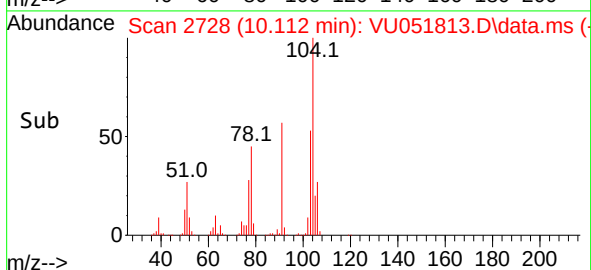
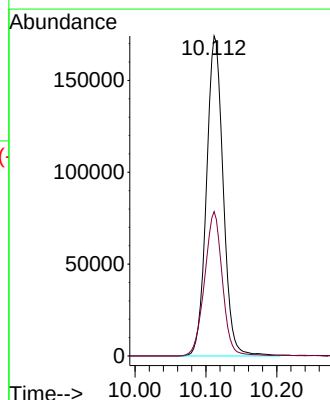
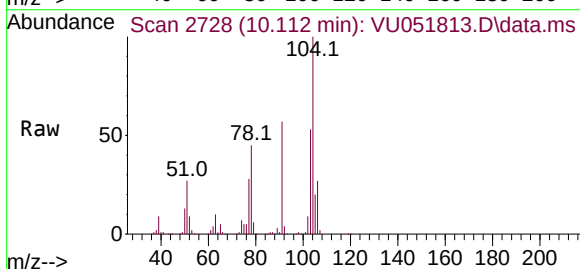
Acq: 10 Nov 2022 20:23

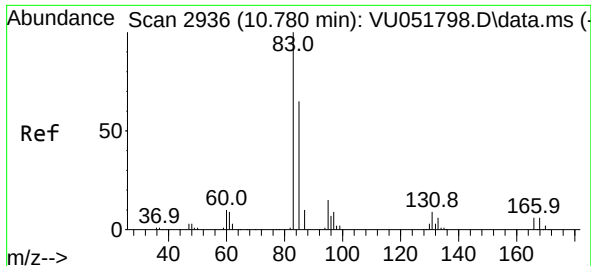
Tgt Ion:104 Resp: 285434

Ion Ratio Lower Upper

104 100

78 45.1 31.8 59.0

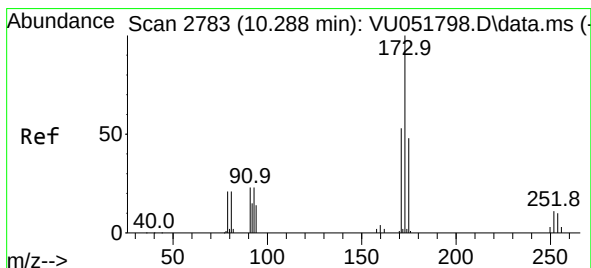
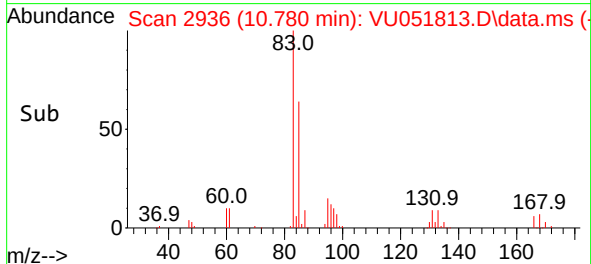
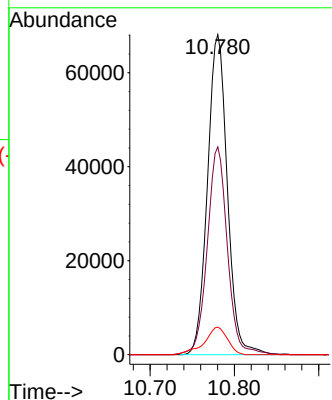
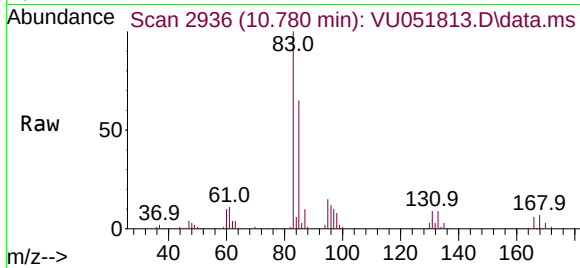




#57
1,1,2,2-Tetrachloroethane
Concen: 5.626 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

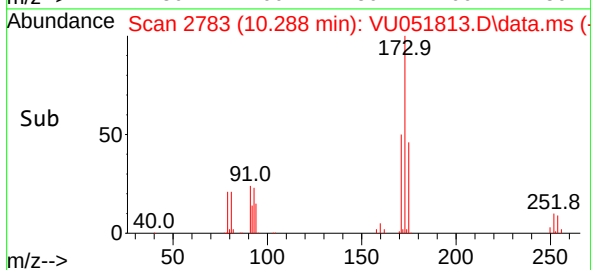
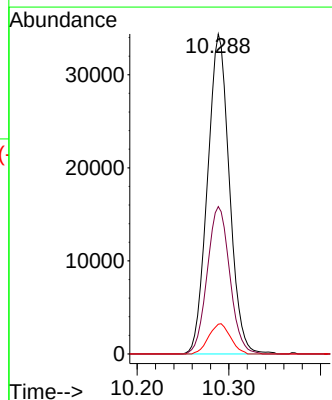
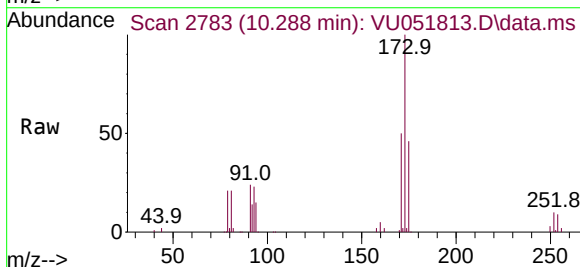
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

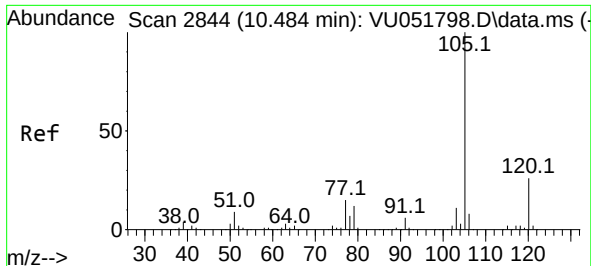
Tgt Ion: 83 Resp: 111716
Ion Ratio Lower Upper
83 100
85 65.0 44.9 83.5
131 8.6 7.8 11.8



#59
Bromoform
Concen: 5.659 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 173 Resp: 56945
Ion Ratio Lower Upper
173 100
175 47.4 38.7 58.1
254 9.4 7.3 10.9

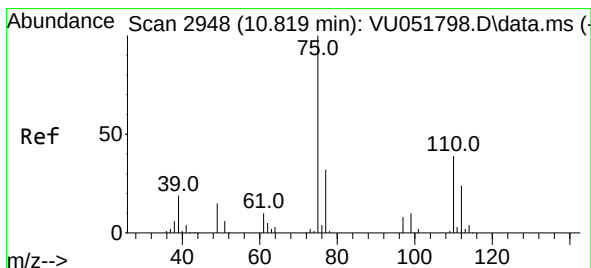
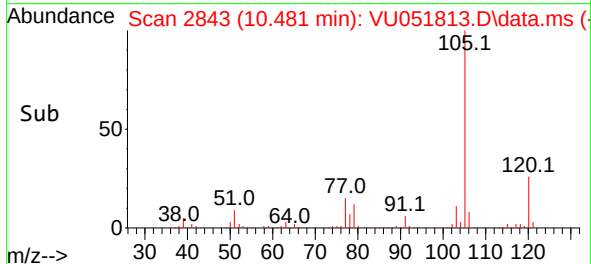
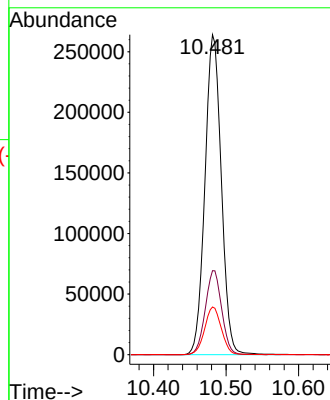
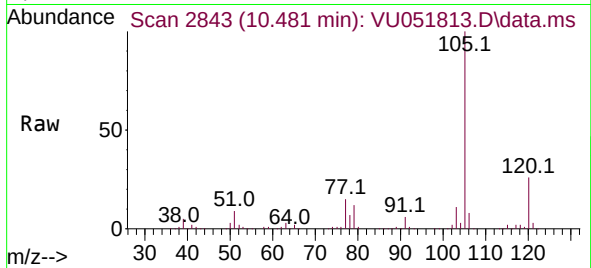




#60
Isopropylbenzene
Concen: 5.203 ug/L
RT: 10.481 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

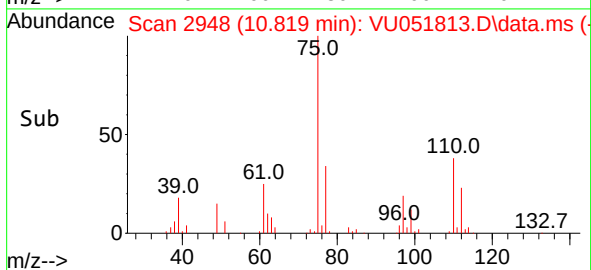
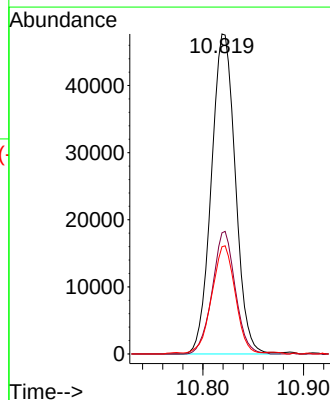
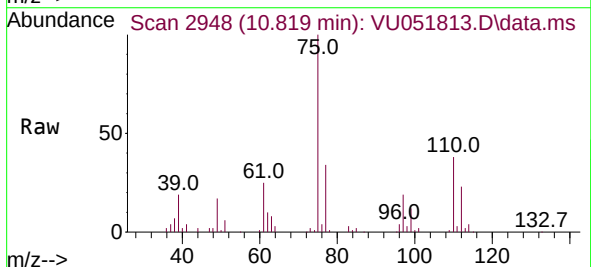
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

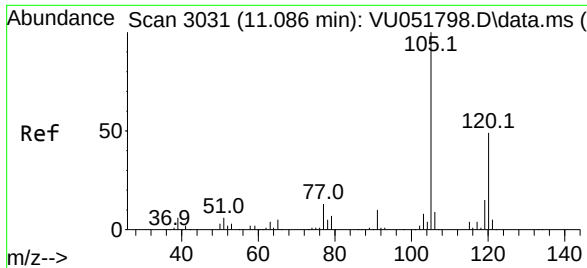
Tgt Ion:105 Resp: 413711
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.3 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.609 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion: 75 Resp: 78995
Ion Ratio Lower Upper
75 100
110 36.7 28.7 43.1
77 32.4 26.1 39.1

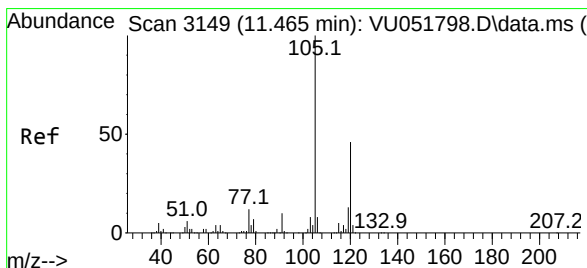
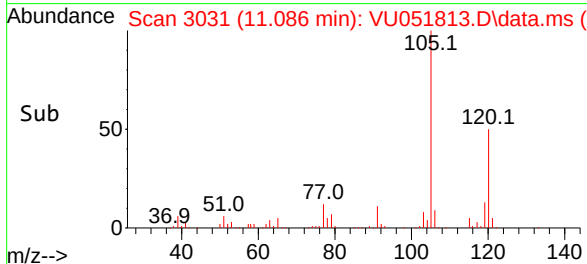
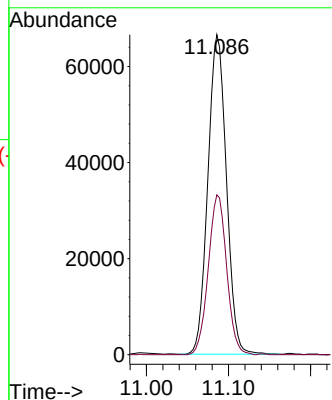
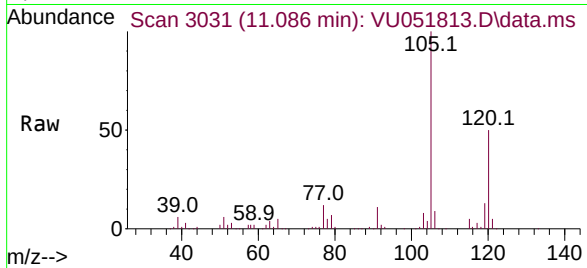




#62
1,3,5-Trimethylbenzene
Concen: 4.877 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

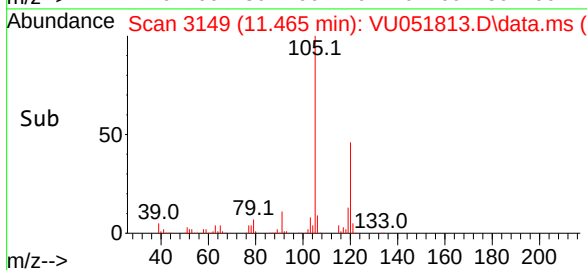
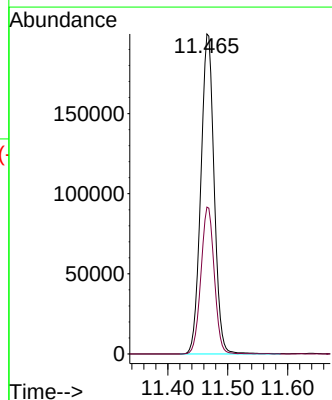
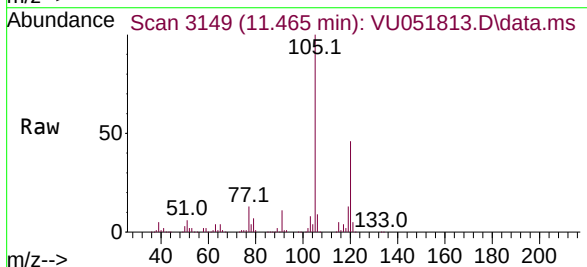
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

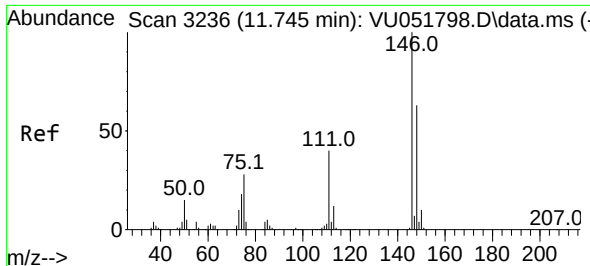
Tgt Ion:105 Resp: 104385
Ion Ratio Lower Upper
105 100
120 49.6 38.6 57.8



#63
1,2,4-Trimethylbenzene
Concen: 5.009 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion:105 Resp: 309147
Ion Ratio Lower Upper
105 100
120 45.8 35.8 53.6

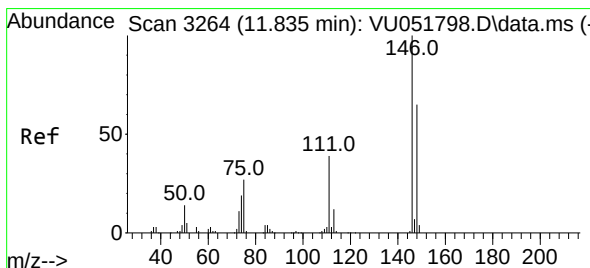
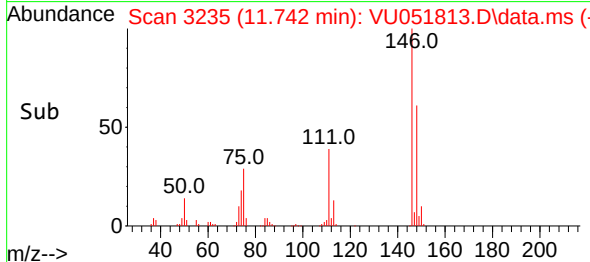
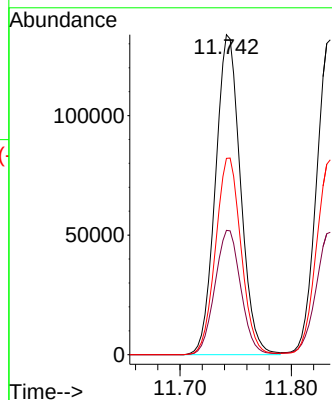
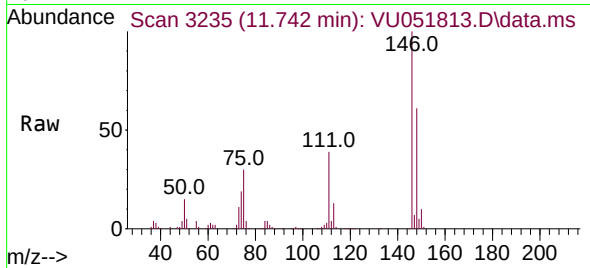




#64
1,3-Dichlorobenzene
Concen: 5.277 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

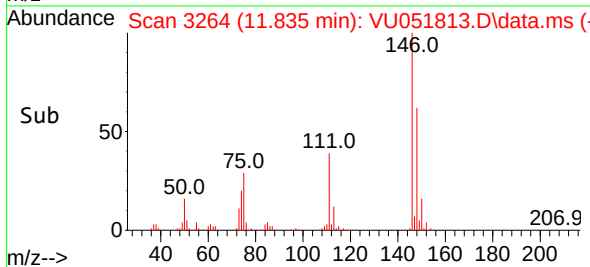
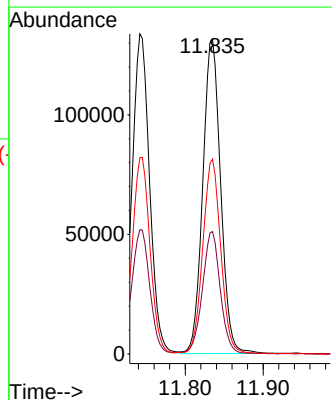
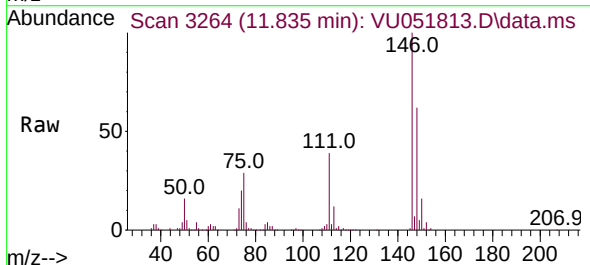
Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

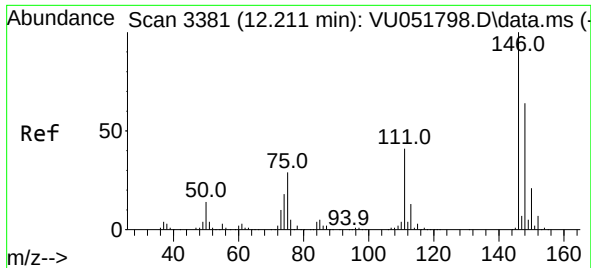
Tgt Ion:146 Resp: 208903
Ion Ratio Lower Upper
146 100
111 38.9 28.6 53.2
148 61.3 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.280 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion:146 Resp: 209573
Ion Ratio Lower Upper
146 100
111 38.8 26.7 49.5
148 61.9 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.356 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005197

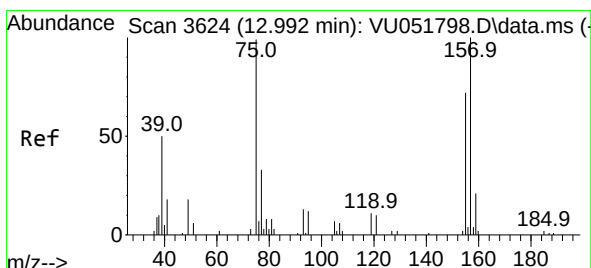
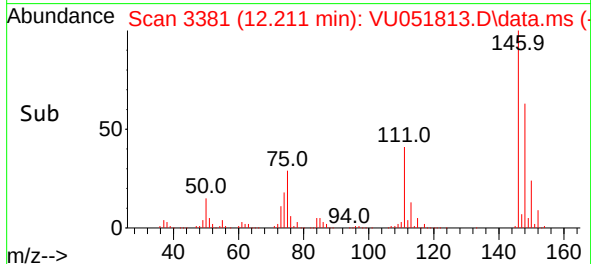
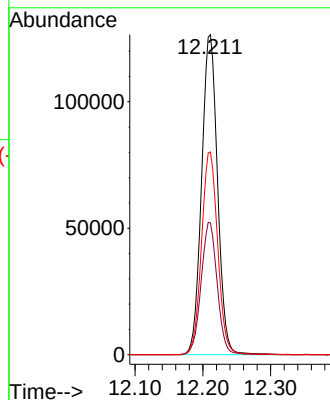
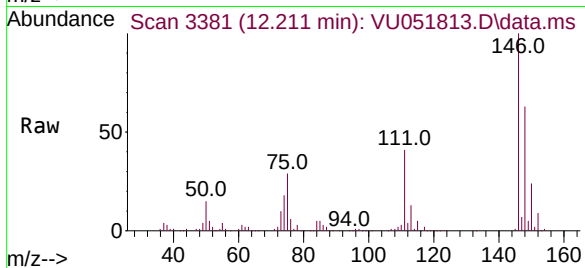
Tgt Ion:146 Resp: 206527

Ion Ratio Lower Upper

146 100

111 41.2 34.2 51.2

148 63.3 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.608 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

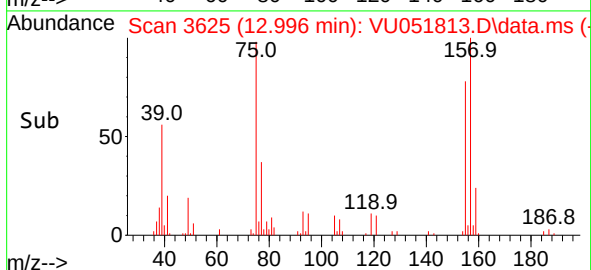
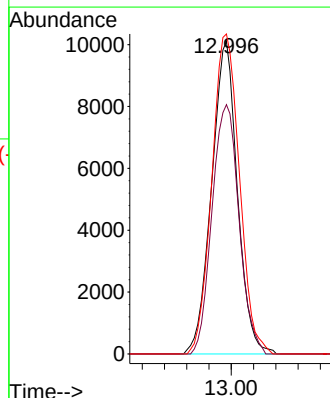
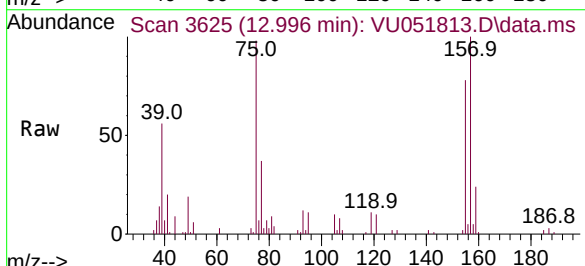
Tgt Ion: 75 Resp: 16263

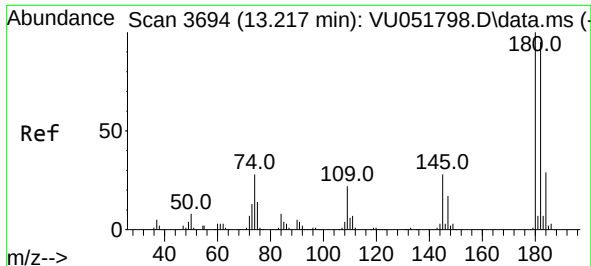
Ion Ratio Lower Upper

75 100

155 79.8 61.4 92.2

157 102.4 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 5.128 ug/L

RT: 13.218 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

Instrument :

MSVOA_U

ClientSampleId :

VSTD005197

Tgt Ion:180 Resp: 144694

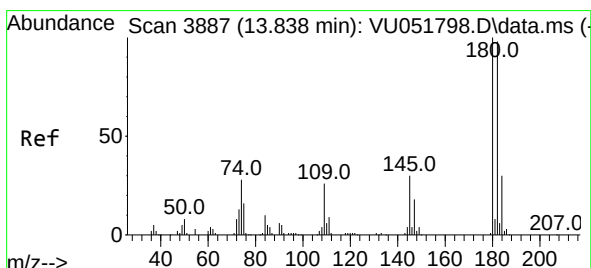
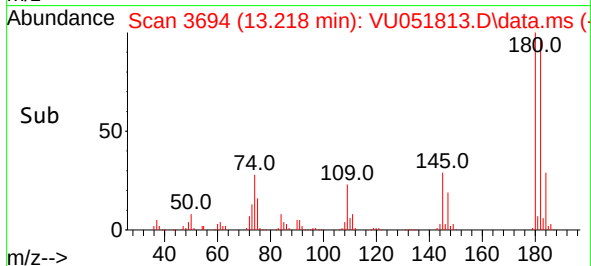
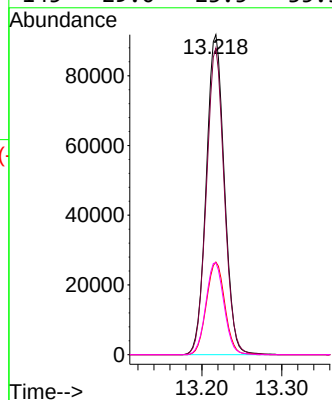
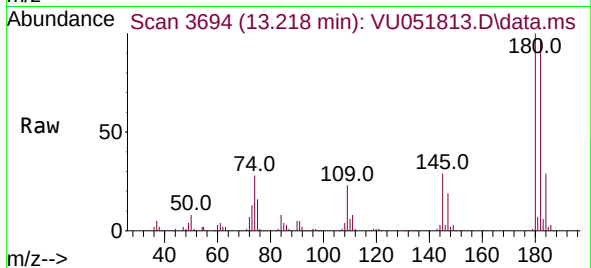
Ion Ratio Lower Upper

180 100

182 94.8 77.0 115.6

184 29.5 23.7 35.5

145 29.0 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 5.323 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051813.D

Acq: 10 Nov 2022 20:23

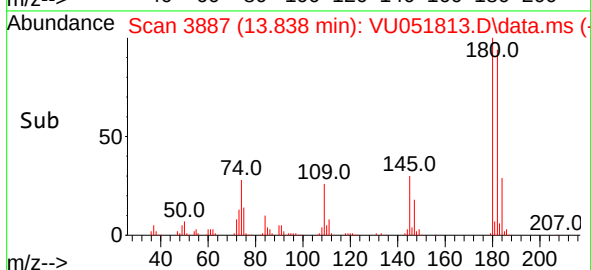
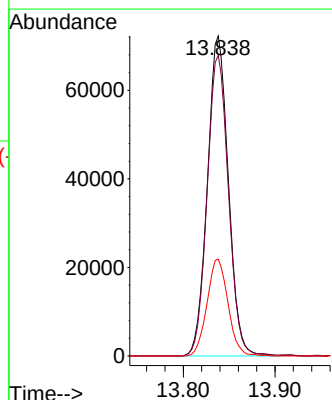
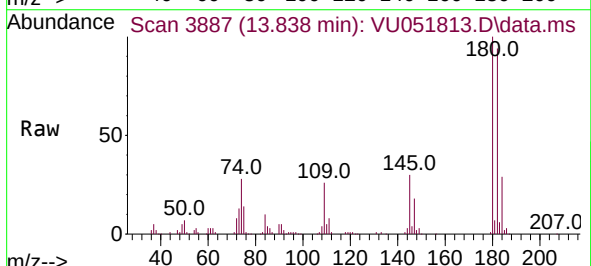
Tgt Ion:180 Resp: 115292

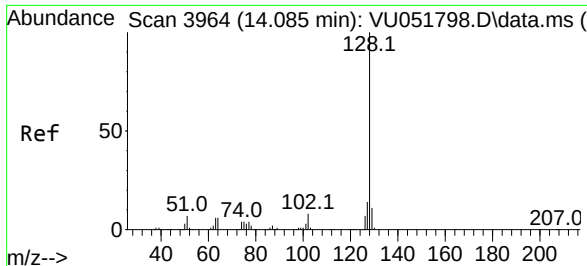
Ion Ratio Lower Upper

180 100

182 94.8 77.8 116.6

145 30.1 25.0 37.6

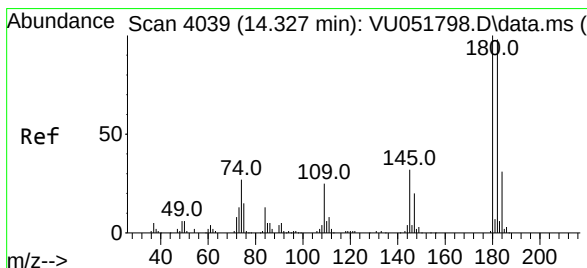
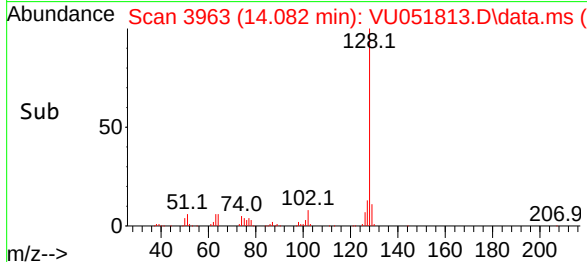
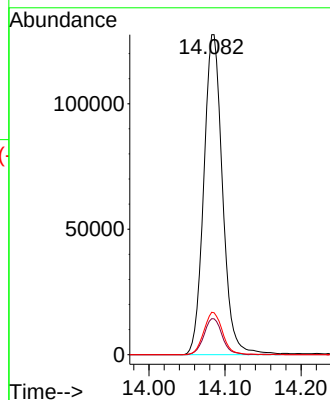
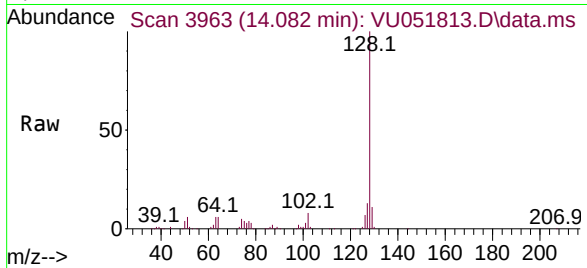




#71
Naphthalene
Concen: 5.400 ug/L
RT: 14.082 min Scan# 3964
Delta R.T. -0.003 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Instrument :
MSVOA_U
ClientSampleId :
VSTD005197

Tgt Ion:128 Resp: 218340
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.440 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051813.D
Acq: 10 Nov 2022 20:23

Tgt Ion:180 Resp: 118984
Ion Ratio Lower Upper
180 100
182 94.9 76.1 114.1
145 31.7 25.6 38.4

