

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110922\
 Data File : VU051790.D
 Acq On : 09 Nov 2022 10:06
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

Quant Time: Nov 10 01:01:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	222758	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	225791	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	119454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85224	5.080	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.600%
7) Chloroethane-d5	1.913	69	77332	4.420	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.565	65	35149	5.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	115.400%
20) 2-Butanone-d5	4.620	46	220066	36.219	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.440%
24) Chloroform-d	5.064	84	174510	4.445	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.700	65	87259	4.114	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.726	84	353835	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.690	67	110613	4.440	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.896	98	338009	6.032	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.600%
43) trans-1,3-Dichloroprop...	8.179	79	39869	5.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.600%
46) 2-Hexanone-d5	8.629	63	185843	40.524	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	101474	4.444	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	122636	5.593	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	115743	4.751	ug/L	99
3) Chloromethane	1.523	50	110232	3.589	ug/L	97
5) Vinyl chloride	1.604	62	125646	4.271	ug/L	92
6) Bromomethane	1.855	94	84407	6.051	ug/L	93
8) Chloroethane	1.932	64	76538	4.285	ug/L	100
9) Trichlorofluoromethane	2.138	101	164755	5.102	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	103119	5.432	ug/L	99
12) 1,1-Dichloroethene	2.581	96	90979	4.698	ug/L	97
13) Acetone	2.626	43	168283	54.587	ug/L	100
14) Carbon disulfide	2.794	76	224787	3.601	ug/L	98
15) Methyl Acetate	2.951	43	42013	5.205	ug/L	99
16) Methylene chloride	3.044	84	118017	3.721	ug/L	99
17) Methyl tert-butyl Ether	3.363	73	223665	5.037	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	96088	4.623	ug/L	100
19) 1,1-Dichloroethane	3.867	63	191793	5.003	ug/L	98
21) 2-Butanone	4.700	43	272341	56.411	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	112713	4.901	ug/L	97
23) Bromochloromethane	4.973	128	53660	4.990	ug/L	97
25) Chloroform	5.086	83	207900	5.228	ug/L	98

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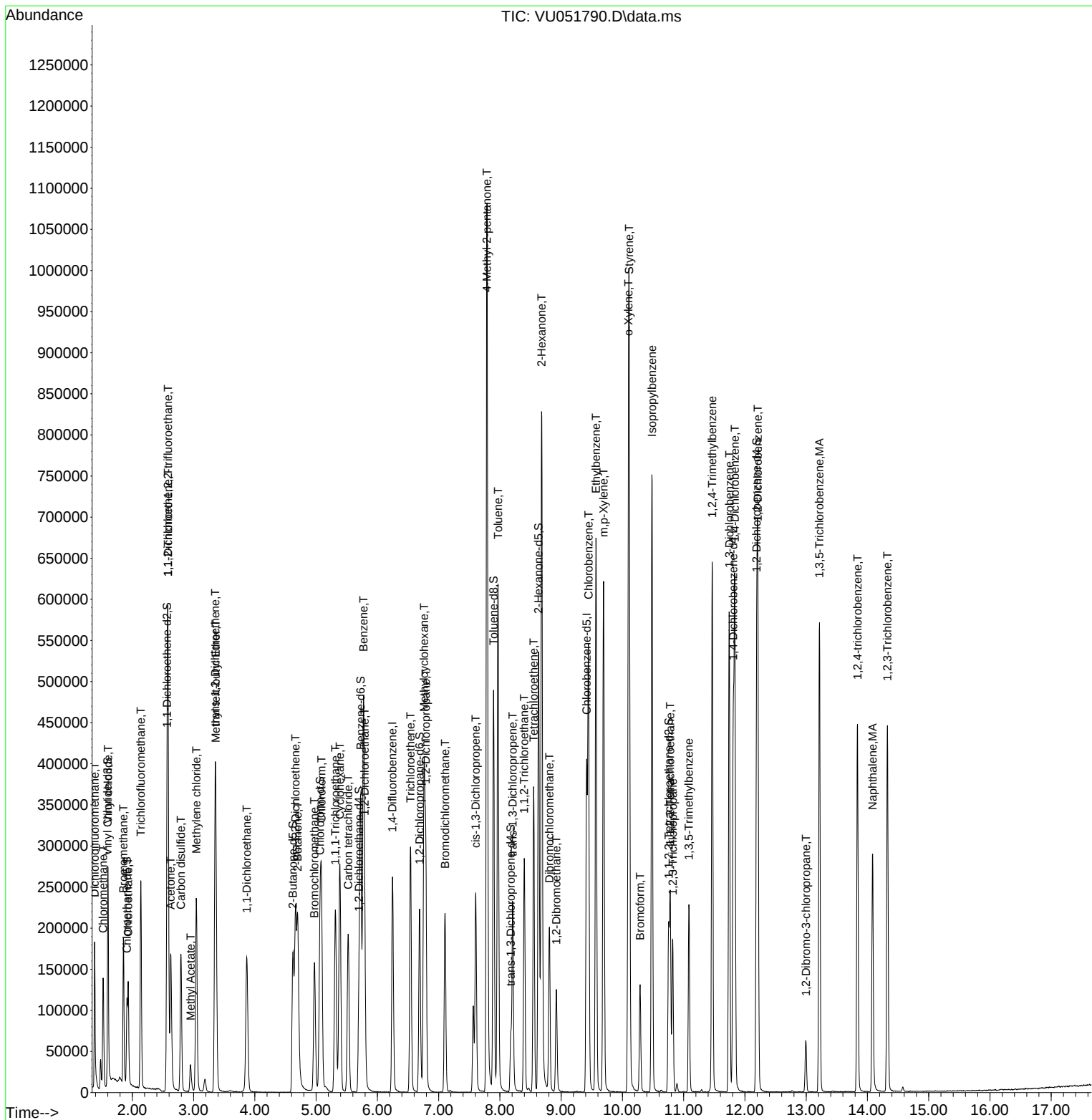
Instrument :
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 ClientSampleId :
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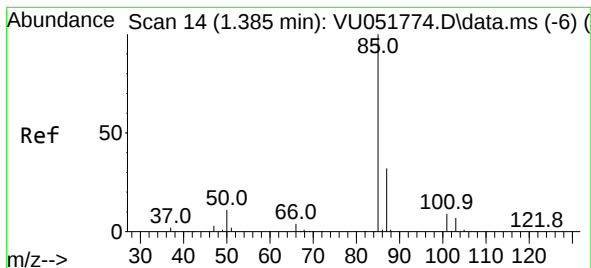
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 08 23:59:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	120461	4.922	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	161090	5.255	ug/L	98
30) Cyclohexane	5.388	56	130865	4.636	ug/L	99
31) Carbon tetrachloride	5.523	117	133248	5.082	ug/L	100
33) Benzene	5.774	78	437169	4.906	ug/L	100
34) Trichloroethene	6.543	95	107292	4.990	ug/L	98
35) Methylcyclohexane	6.764	83	145047	4.879	ug/L	99
37) 1,2-Dichloropropane	6.790	63	116900	5.101	ug/L	100
38) Bromodichloromethane	7.105	83	147441	5.267	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	147975	5.033	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	659910	57.408	ug/L	99
42) Toluene	7.970	91	472162	5.160	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	133708	5.442	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	91790	5.466	ug/L	98
47) Tetrachloroethene	8.552	164	83674	5.081	ug/L	94
48) 2-Hexanone	8.681	43	501996	58.998	ug/L	99
49) Dibromochloromethane	8.809	129	104674	5.456	ug/L	100
50) 1,2-Dibromoethane	8.922	107	81085	5.352	ug/L	92
51) Chlorobenzene	9.446	112	300094	5.210	ug/L	99
52) Ethylbenzene	9.568	91	468323	5.304	ug/L	100
53) m,p-Xylene	9.694	106	187560	5.469	ug/L	99
54) o-Xylene	10.099	106	181988	5.430	ug/L	98
55) Styrene	10.112	104	323676	5.776	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.780	83	121278	5.824	ug/L	100
59) Bromoform	10.288	173	58957	5.342	ug/L	98
60) Isopropylbenzene	10.485	105	476438	5.463	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	82774	5.359	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	123644	5.267	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	356672	5.269	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	245484	5.654	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	247359	5.683	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	233626	5.525	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.996	75	17704	5.566	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	181083	5.852	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	144332	6.076	ug/L	98
71) Naphthalene	14.086	128	247224	5.575	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	141082	5.881	ug/L	98

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

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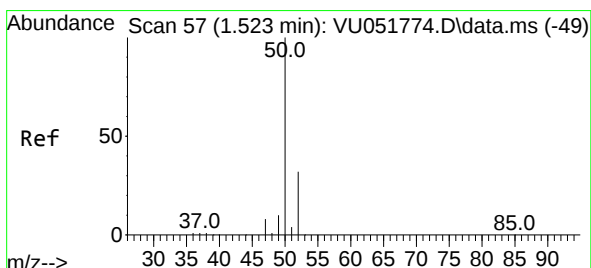
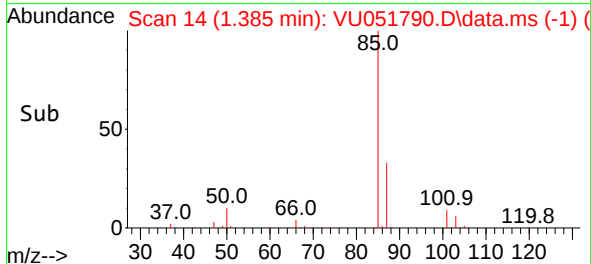
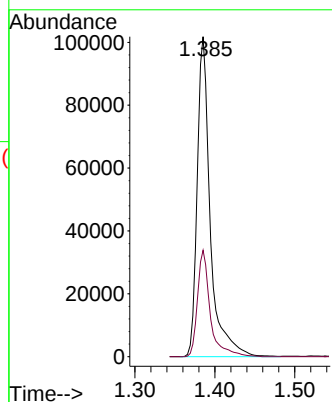
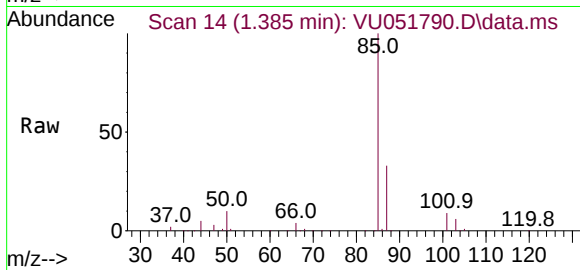




#2
Dichlorodifluoromethane
Concen: 4.751 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

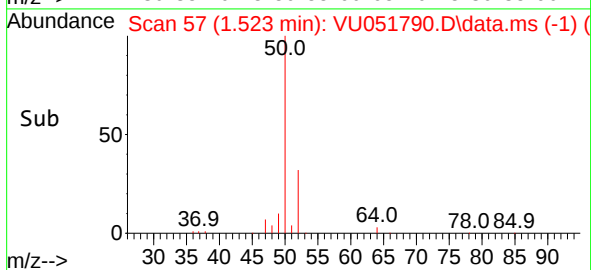
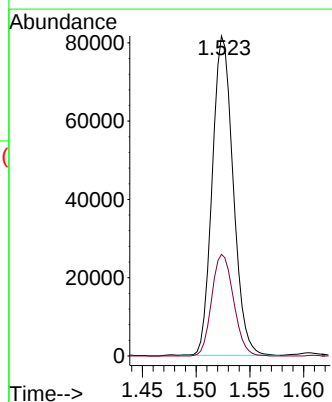
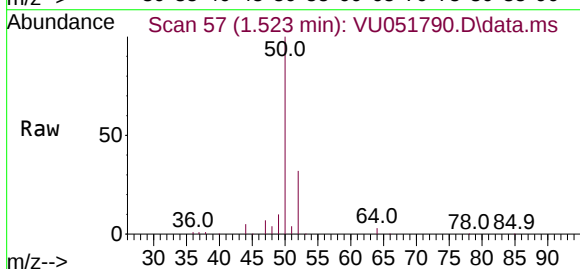
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MSVOA_U
ClientSampleId :
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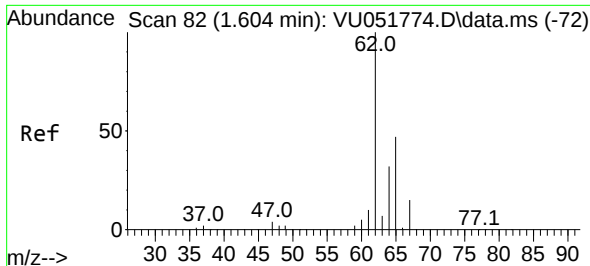
Tgt Ion: 85 Resp: 115743
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5



#3
Chloromethane
Concen: 3.589 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 50 Resp: 110232
Ion Ratio Lower Upper
50 100
52 31.8 23.2 43.2

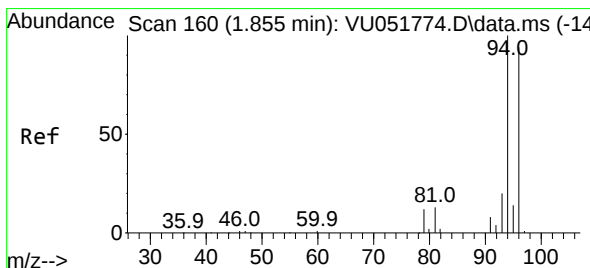
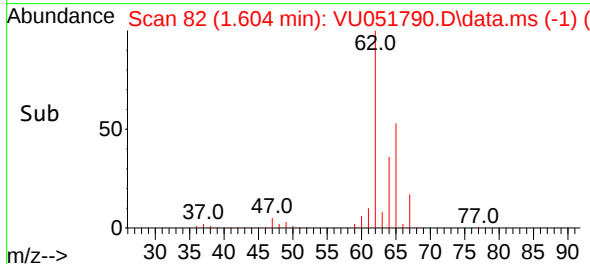
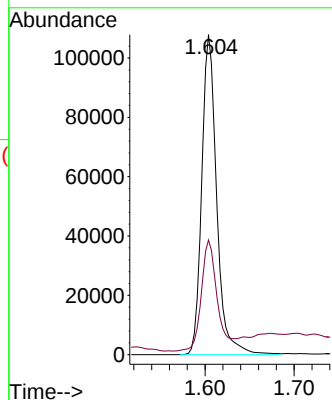
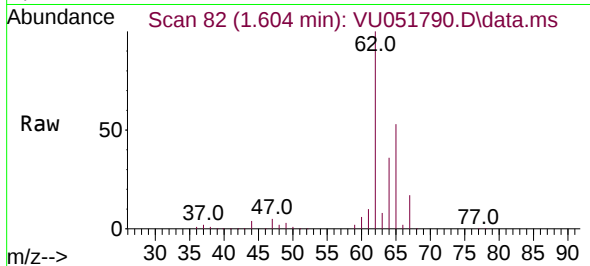




#5
 Vinyl chloride
 Concen: 4.271 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

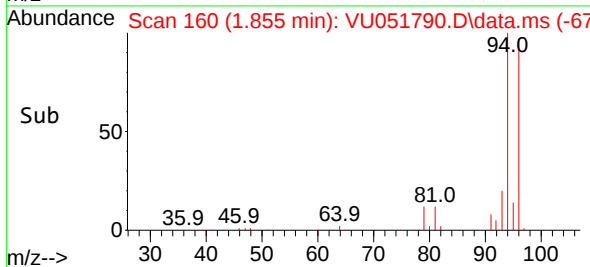
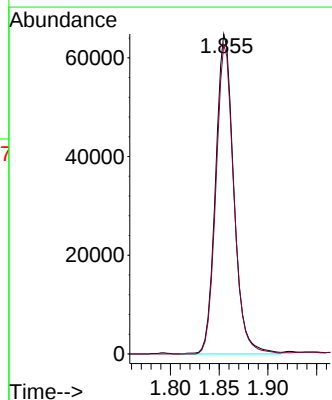
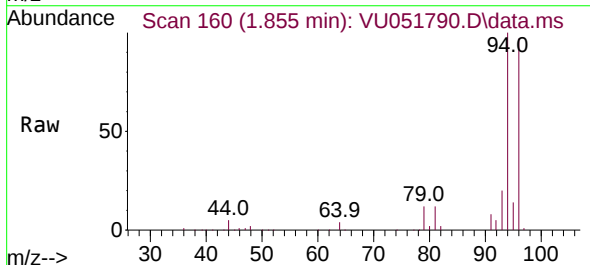
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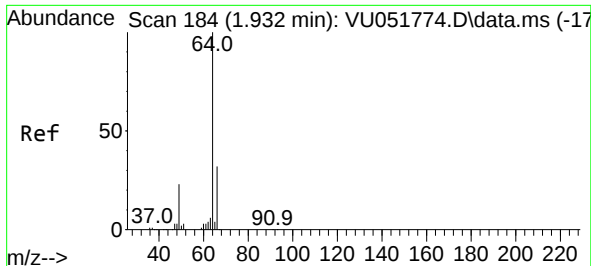
Tgt Ion: 62 Resp: 125646
 Ion Ratio Lower Upper
 62 100
 64 35.8 22.1 41.1



#6
 Bromomethane
 Concen: 6.051 ug/L
 RT: 1.855 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

Tgt Ion: 94 Resp: 84407
 Ion Ratio Lower Upper
 94 100
 96 96.7 63.2 117.4

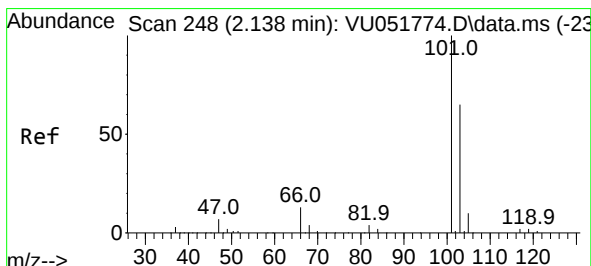
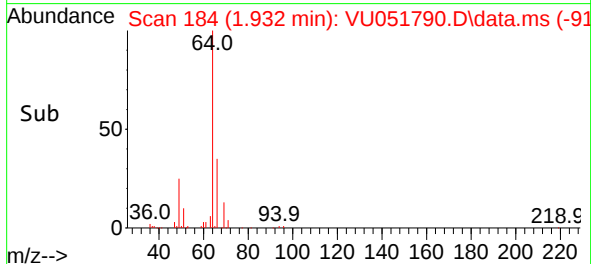
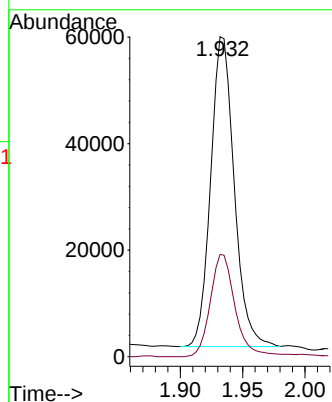
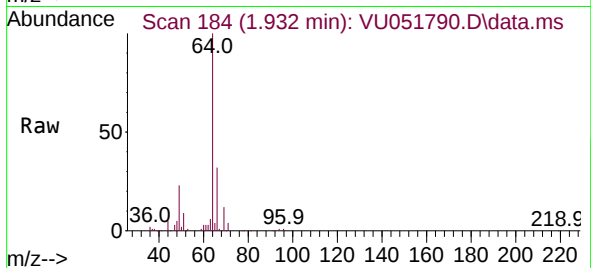




#8
Chloroethane
Concen: 4.285 ug/L
RT: 1.932 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

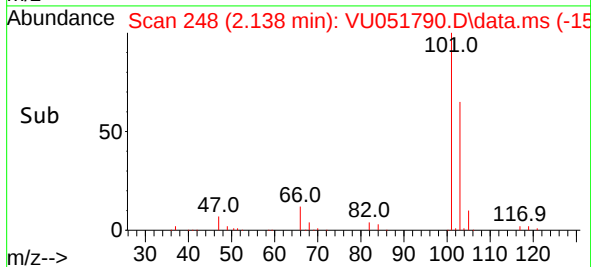
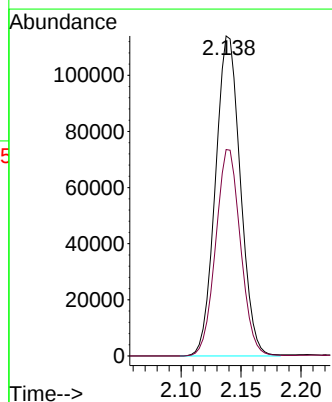
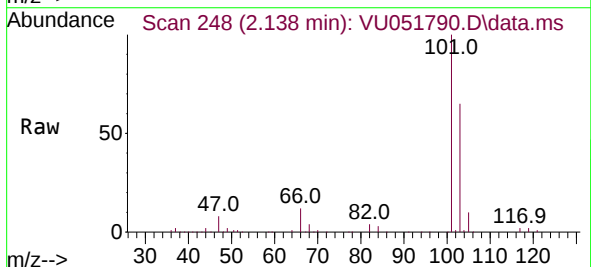
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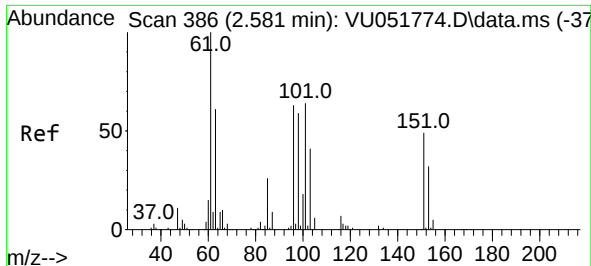
Tgt Ion: 64 Resp: 76538
Ion Ratio Lower Upper
64 100
66 31.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.102 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion:101 Resp: 164755
Ion Ratio Lower Upper
101 100
103 64.2 51.8 77.6

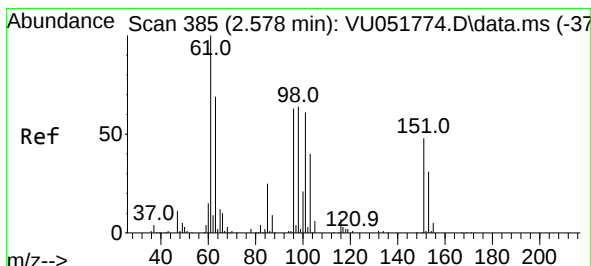
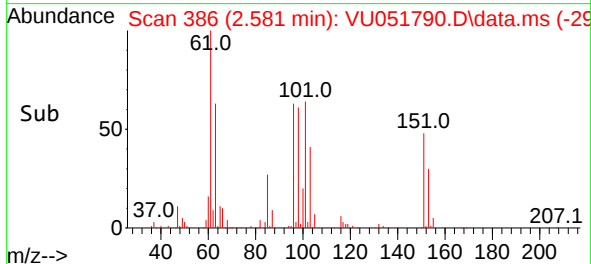
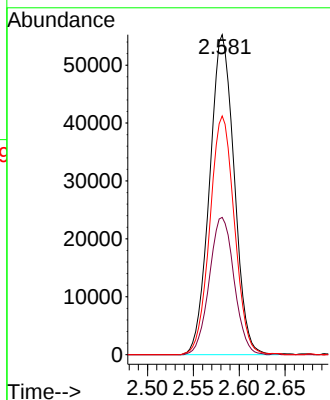
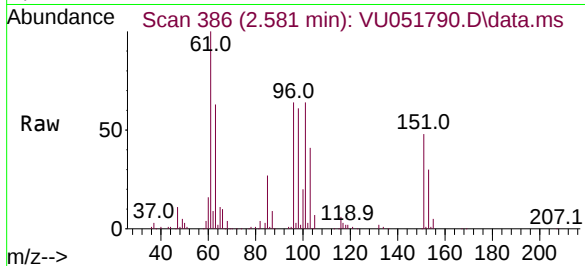




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.432 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

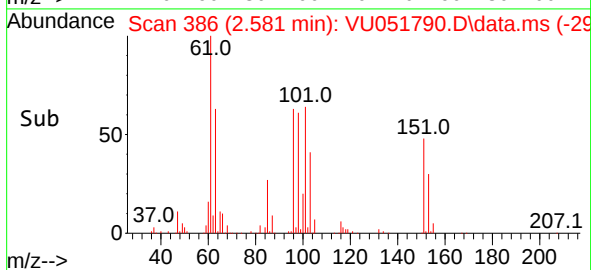
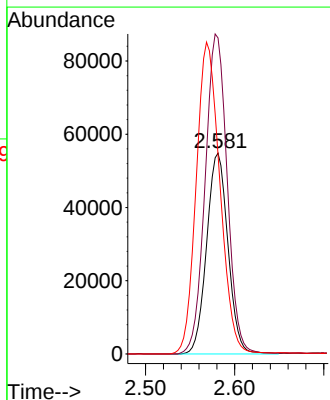
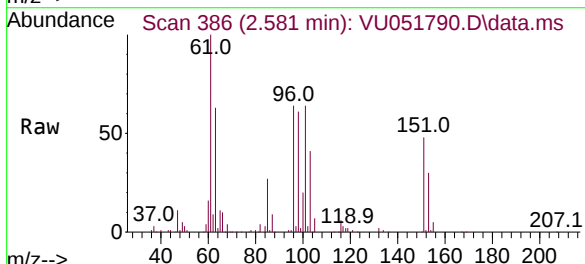
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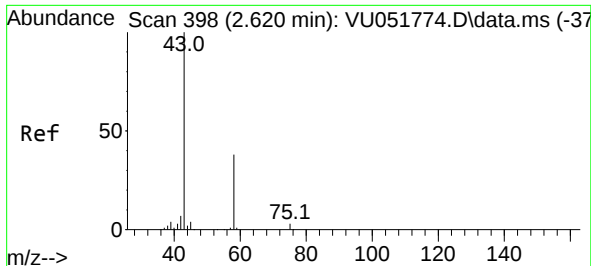
Tgt Ion:101 Resp: 103119
 Ion Ratio Lower Upper
 101 100
 85 43.2 35.6 53.4
 151 74.9 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.698 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

Tgt Ion: 96 Resp: 90979
 Ion Ratio Lower Upper
 96 100
 61 157.3 108.8 202.0
 63 99.2 64.9 120.5





#13

Acetone

Concen: 54.587 ug/L

RT: 2.626 min Scan# 400

Delta R.T. 0.007 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

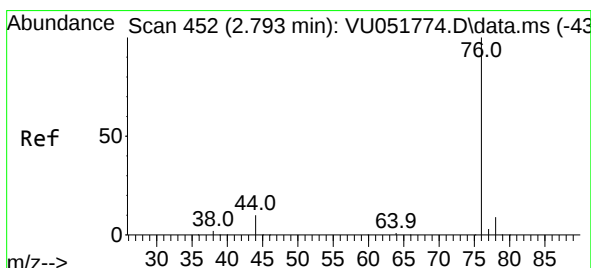
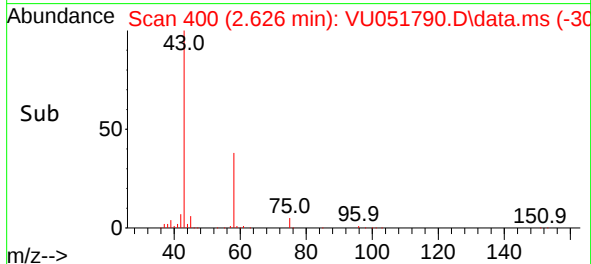
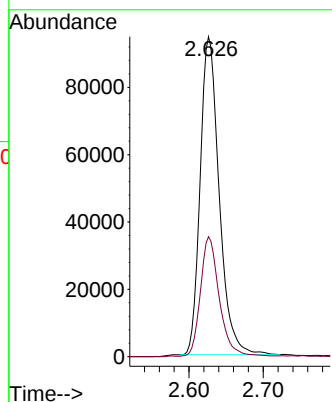
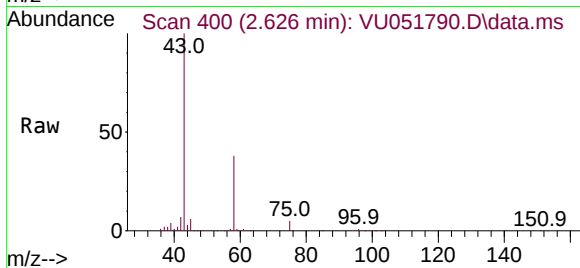
VSTD005194

Tgt Ion: 43 Resp: 168283

Ion Ratio Lower Upper

43 100

58 37.1 0.0 73.8



#14

Carbon disulfide

Concen: 3.601 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU051790.D

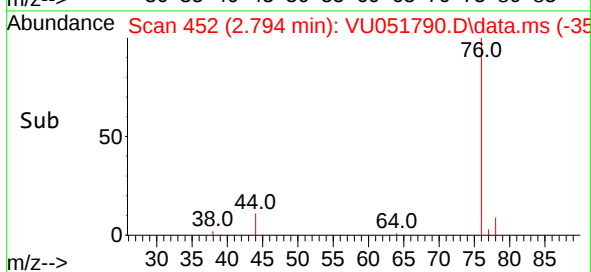
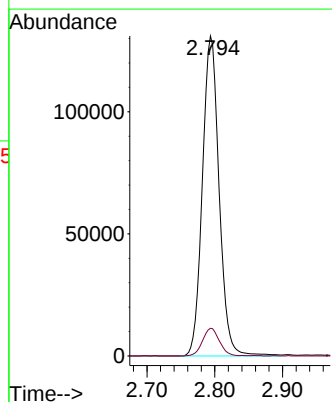
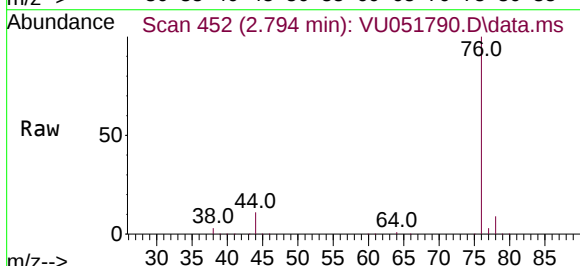
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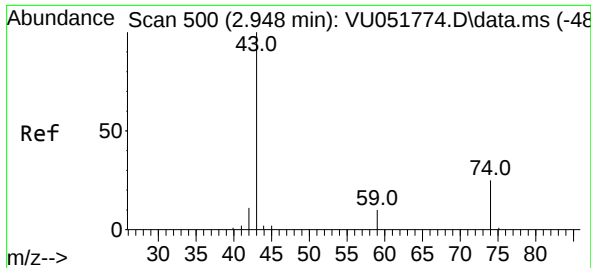
Tgt Ion: 76 Resp: 224787

Ion Ratio Lower Upper

76 100

78 8.7 7.4 11.2

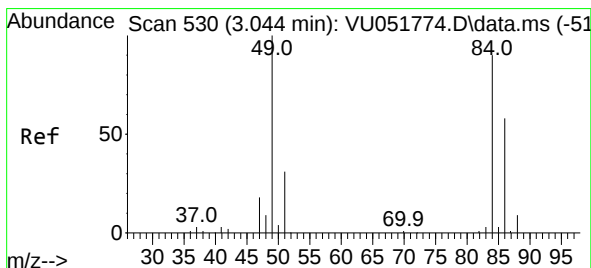
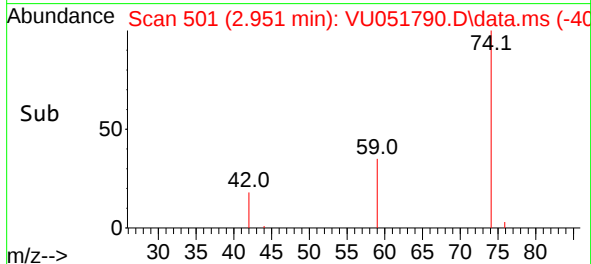
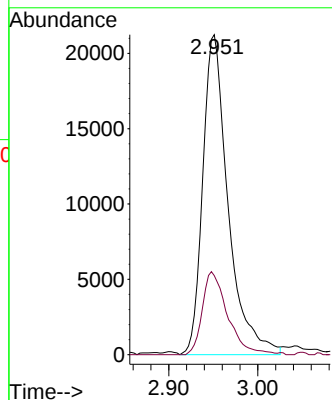
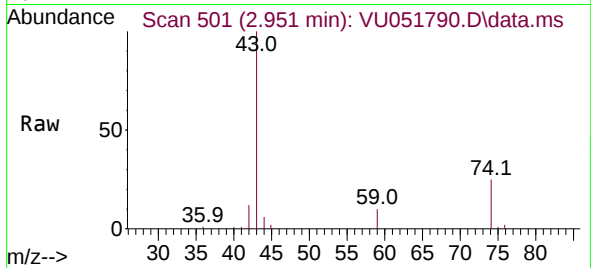




#15
Methyl Acetate
Concen: 5.205 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

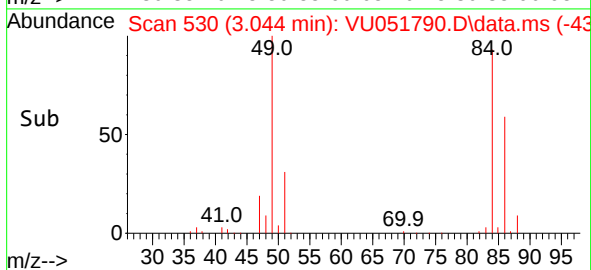
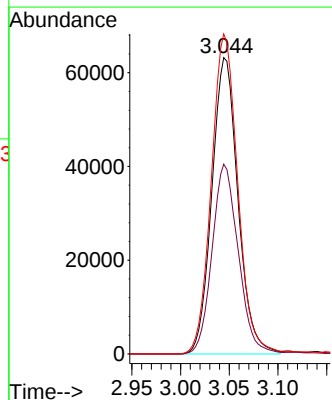
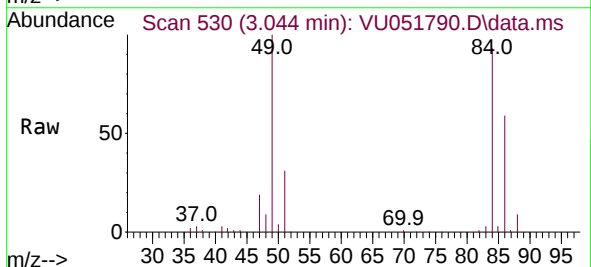
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

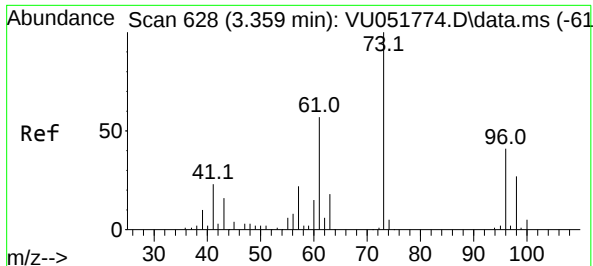
Tgt Ion: 43 Resp: 42013
Ion Ratio Lower Upper
43 100
74 25.9 20.2 30.4



#16
Methylene chloride
Concen: 3.721 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 84 Resp: 118017
Ion Ratio Lower Upper
84 100
86 64.0 46.3 85.9
49 108.0 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.037 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.003 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005194

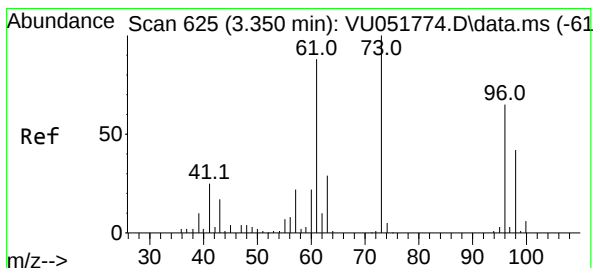
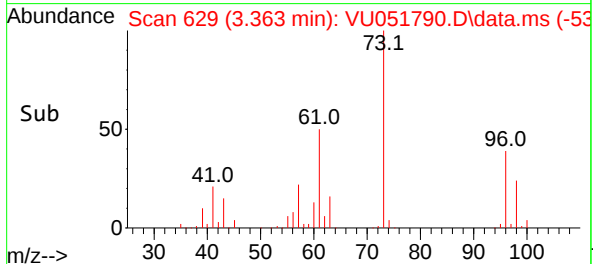
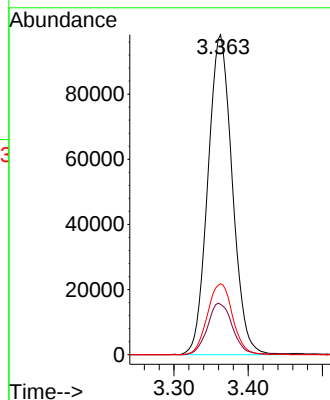
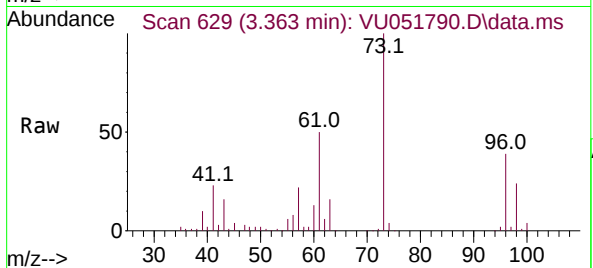
Tgt Ion: 73 Resp: 223665

Ion Ratio Lower Upper

73 100

43 16.6 13.6 20.4

57 23.0 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 4.623 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.003 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

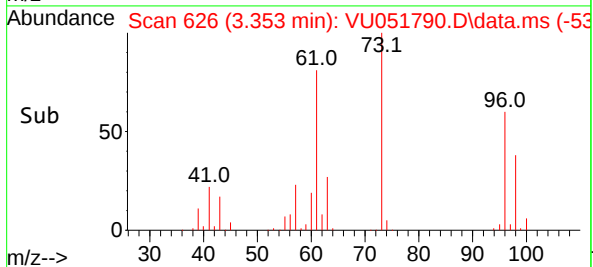
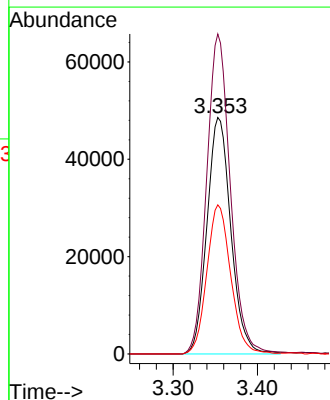
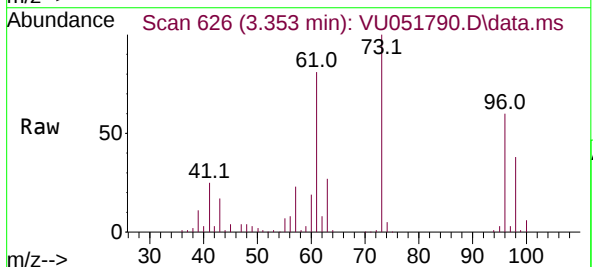
Tgt Ion: 96 Resp: 96088

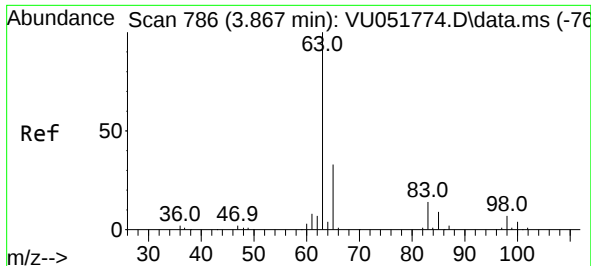
Ion Ratio Lower Upper

96 100

61 135.3 94.7 175.9

98 63.1 44.2 82.0

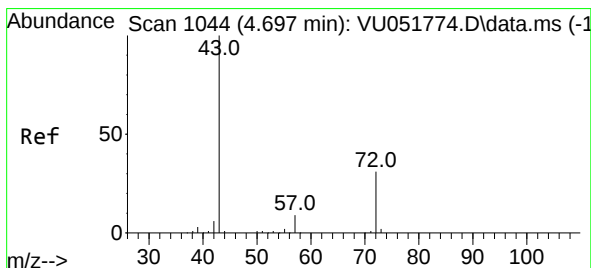
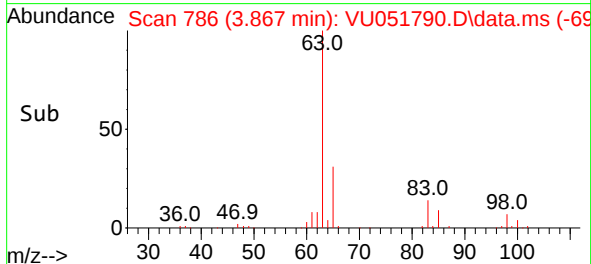
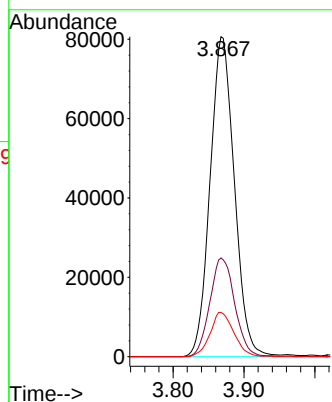
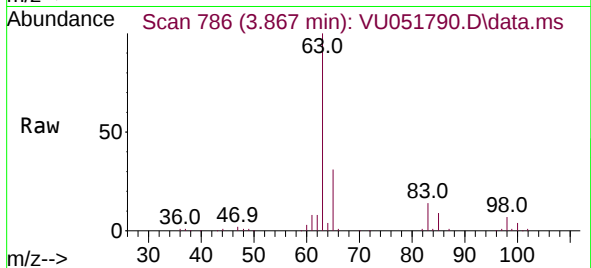




#19
1,1-Dichloroethane
Concen: 5.003 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

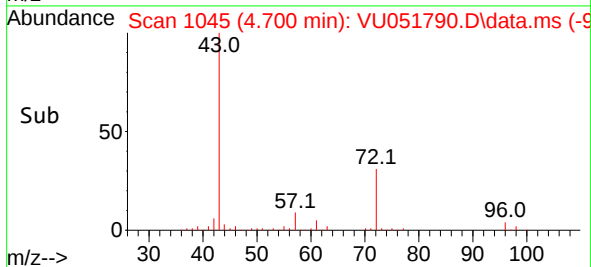
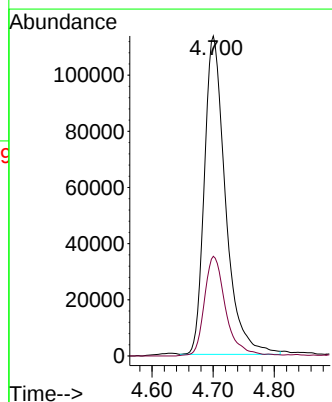
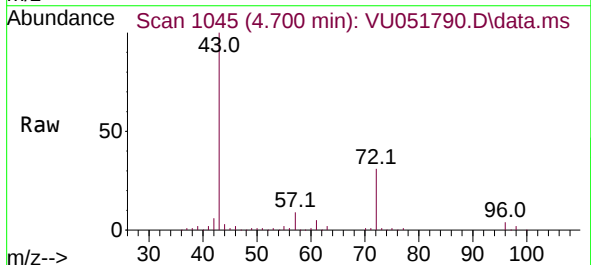
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

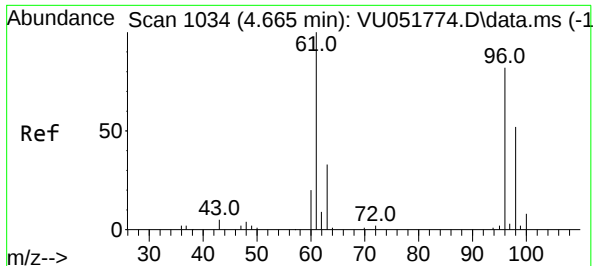
Tgt Ion: 63 Resp: 191793
Ion Ratio Lower Upper
63 100
65 30.9 22.7 42.1
83 13.8 9.2 17.0



#21
2-Butanone
Concen: 56.411 ug/L
RT: 4.700 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 43 Resp: 272341
Ion Ratio Lower Upper
43 100
72 31.4 16.2 48.5

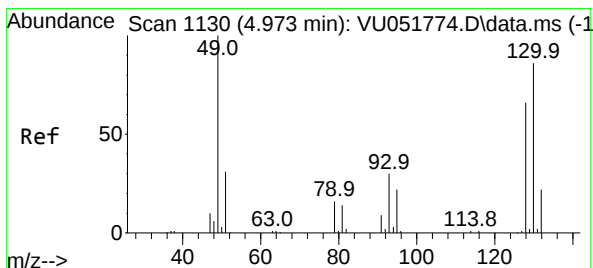
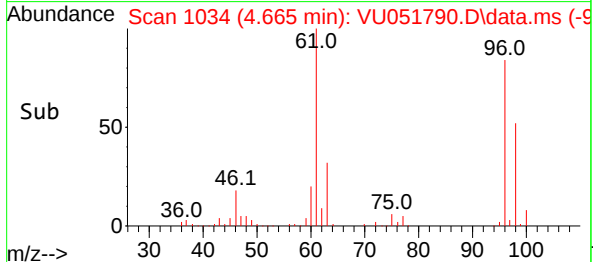
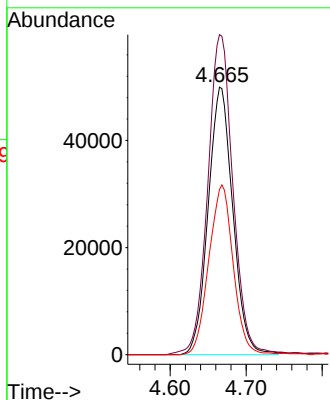
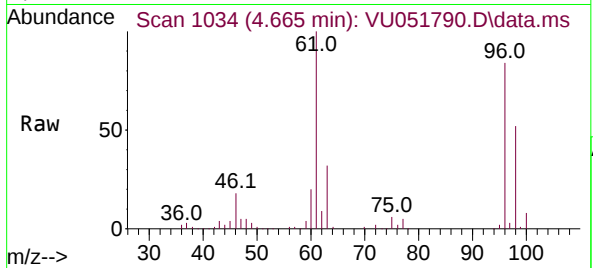




#22
 cis-1,2-Dichloroethene
 Concen: 4.901 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

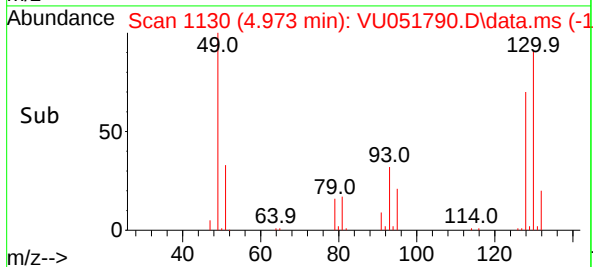
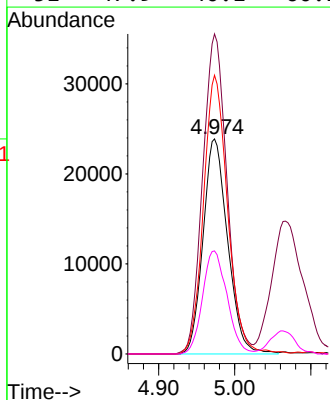
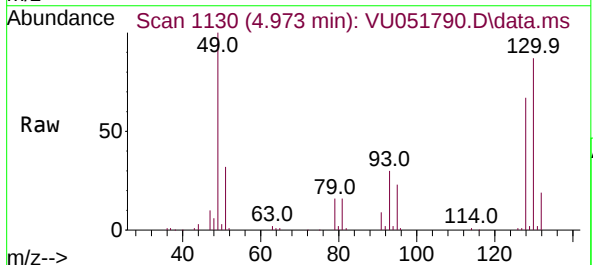
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

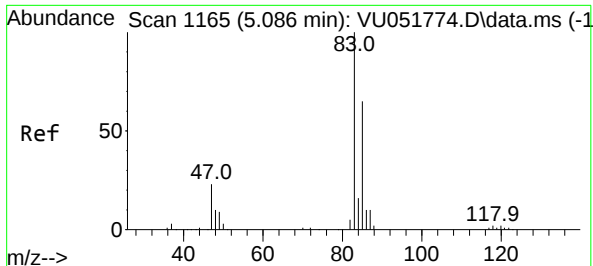
Tgt Ion: 96 Resp: 112713
 Ion Ratio Lower Upper
 96 100
 61 119.6 86.4 160.4
 98 61.7 44.2 82.2



#23
 Bromochloromethane
 Concen: 4.990 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

Tgt Ion: 128 Resp: 53660
 Ion Ratio Lower Upper
 128 100
 49 148.8 105.5 195.9
 130 129.6 93.5 173.7
 51 47.9 40.1 60.1





#25

Chloroform

Concen: 5.228 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

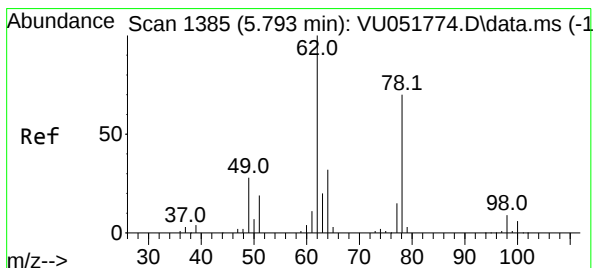
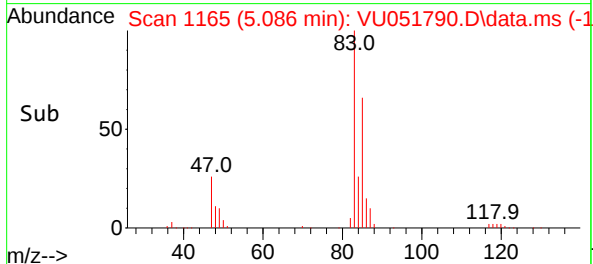
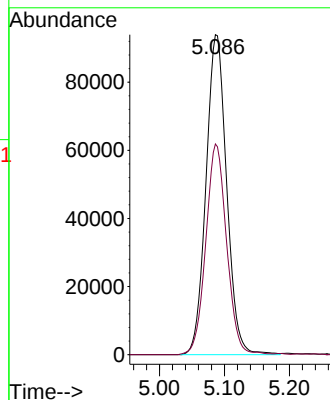
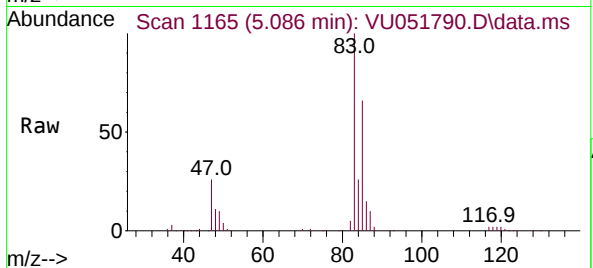
VSTD005194

Tgt Ion: 83 Resp: 207900

Ion Ratio Lower Upper

83 100

85 65.8 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.922 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU051790.D

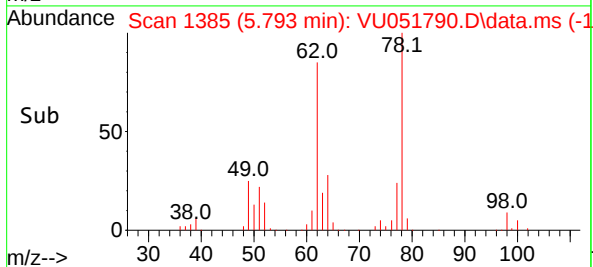
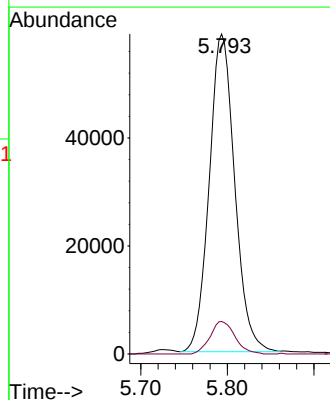
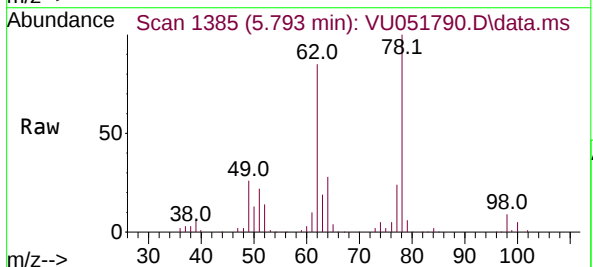
Acq: 09 Nov 2022 10:06

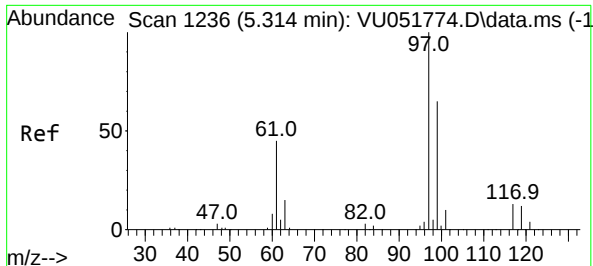
Tgt Ion: 62 Resp: 120461

Ion Ratio Lower Upper

62 100

98 10.1 7.4 11.0

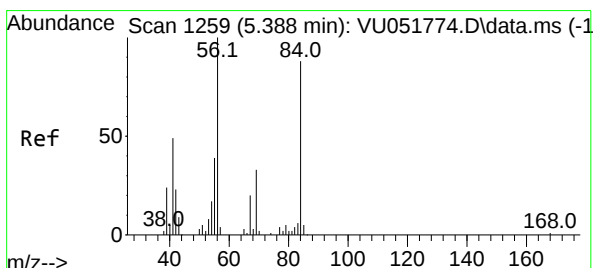
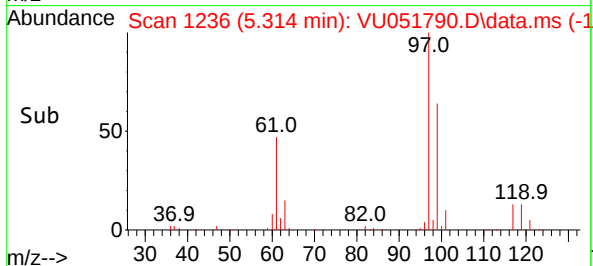
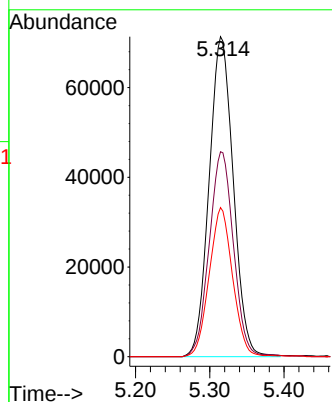
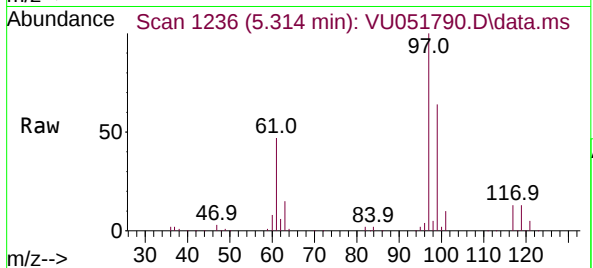




#29
1,1,1-Trichloroethane
Concen: 5.255 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

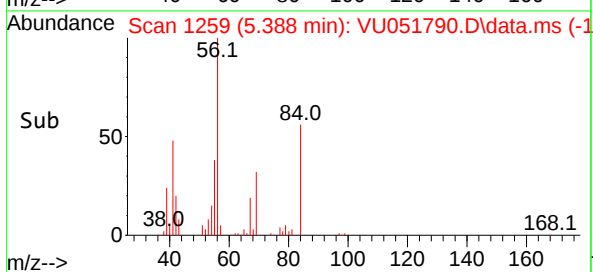
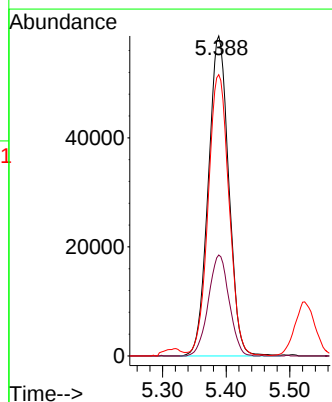
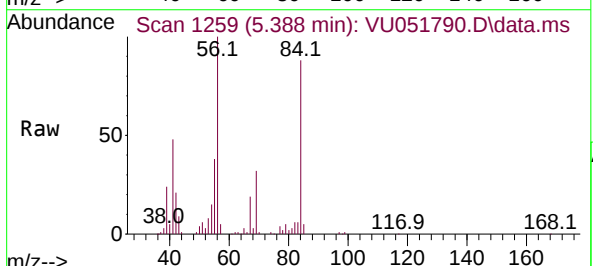
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

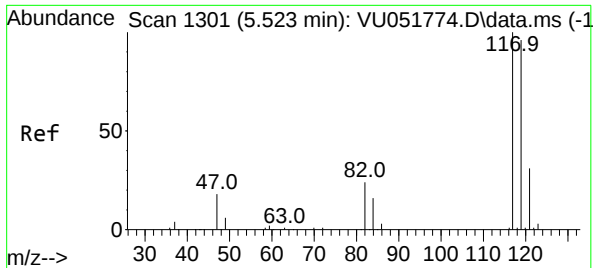
Tgt Ion: 97 Resp: 161090
Ion Ratio Lower Upper
97 100
99 64.6 51.1 76.7
61 45.0 37.4 56.0



#30
Cyclohexane
Concen: 4.636 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 56 Resp: 130865
Ion Ratio Lower Upper
56 100
69 32.1 25.4 38.0
84 89.9 71.4 107.0

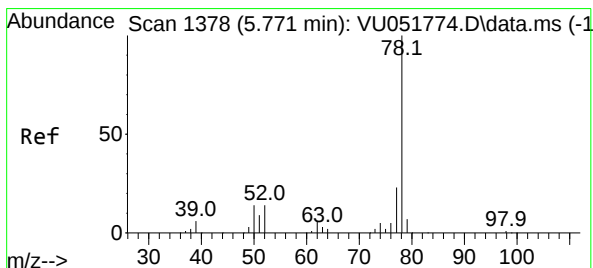
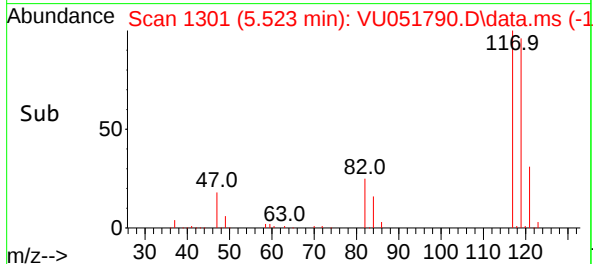
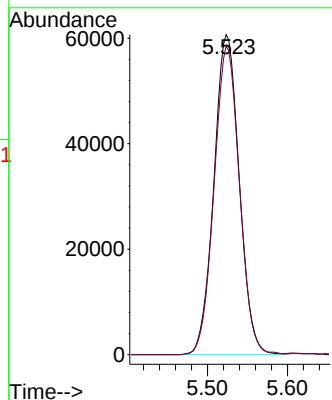
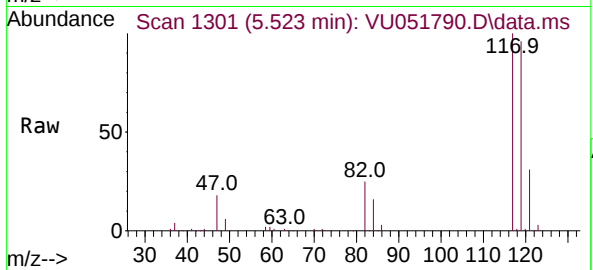




#31
Carbon tetrachloride
Concen: 5.082 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

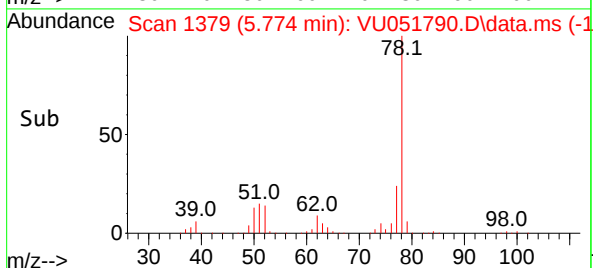
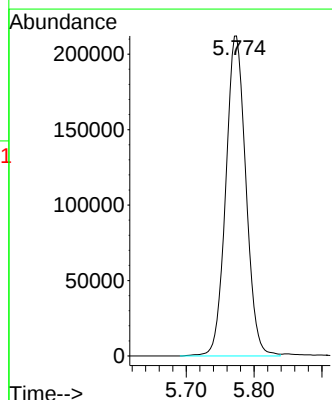
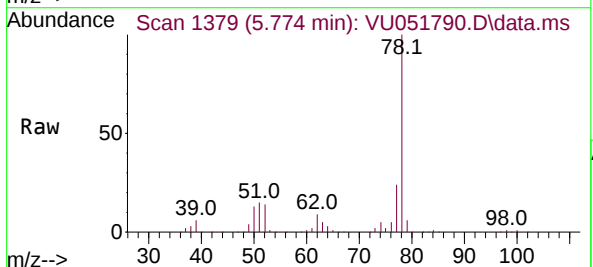
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

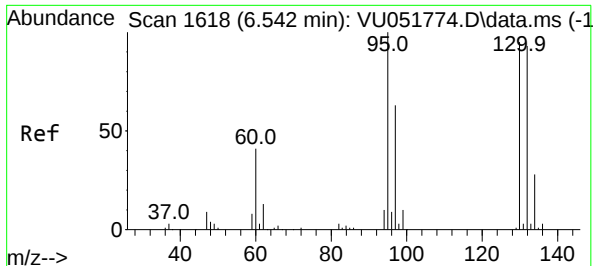
Tgt Ion:117 Resp: 133248
Ion Ratio Lower Upper
117 100
119 96.6 77.5 116.3



#33
Benzene
Concen: 4.906 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 78 Resp: 437169

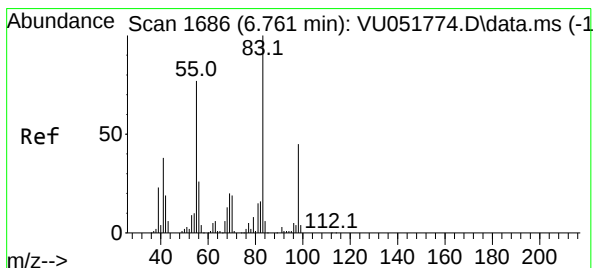
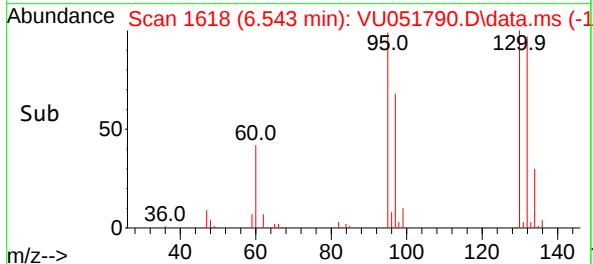
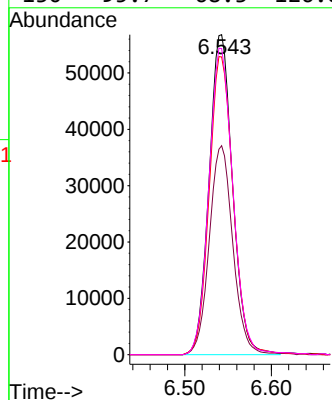
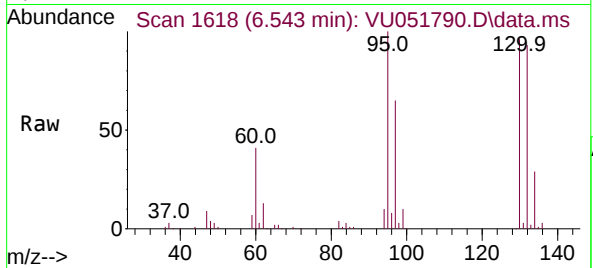




#34
Trichloroethene
Concen: 4.990 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

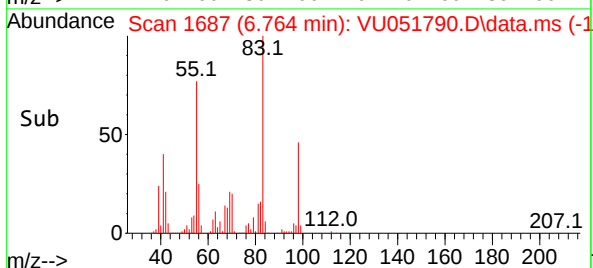
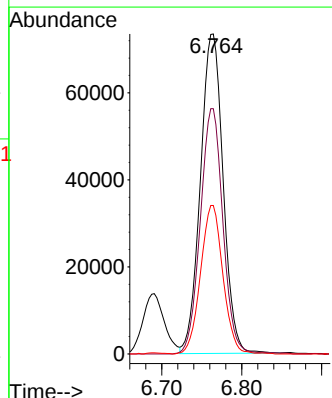
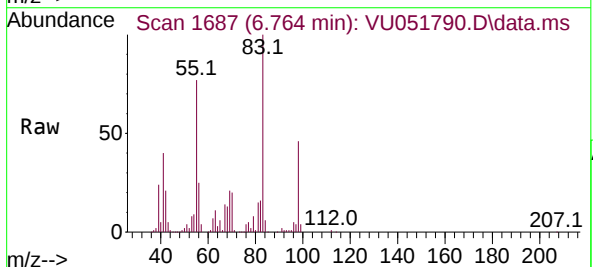
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

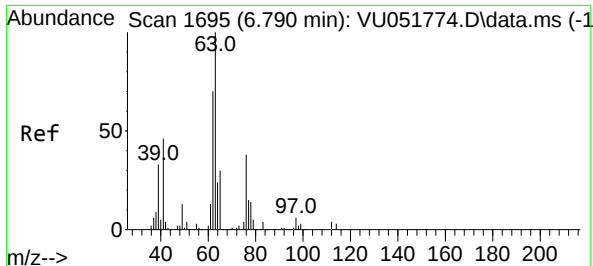
Tgt Ion: 95 Resp: 107292
Ion Ratio Lower Upper
95 100
97 65.3 45.2 84.0
132 93.1 66.5 123.5
130 95.7 68.3 126.8



#35
Methylcyclohexane
Concen: 4.879 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 83 Resp: 145047
Ion Ratio Lower Upper
83 100
55 76.2 60.6 90.8
98 45.7 35.8 53.6

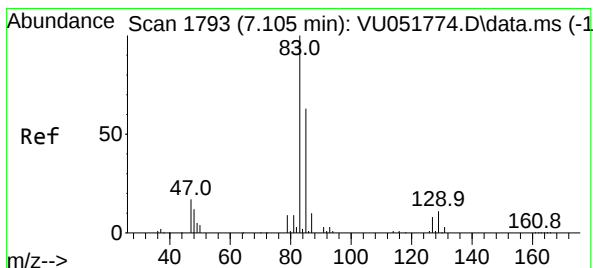
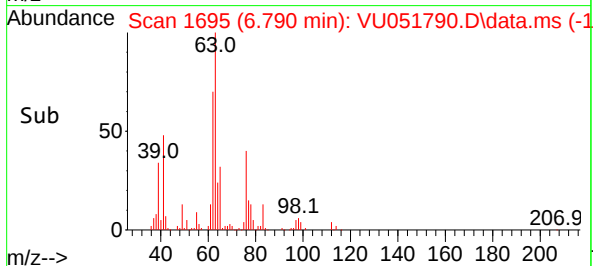
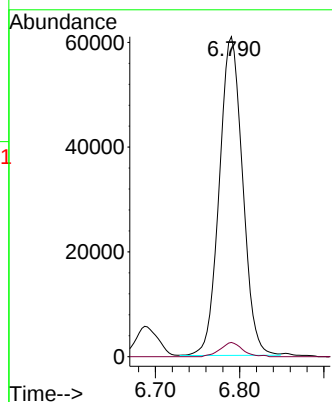
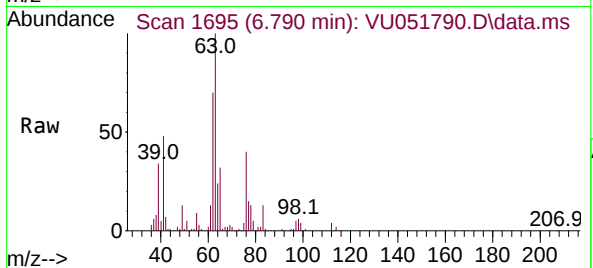




#37
1,2-Dichloropropane
Concen: 5.101 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

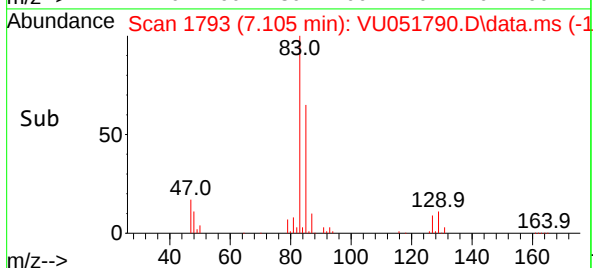
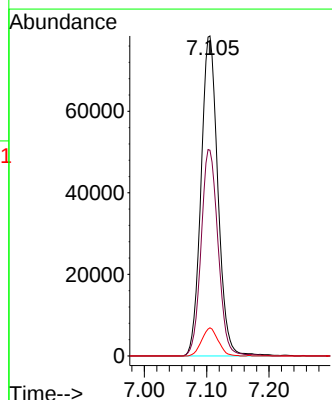
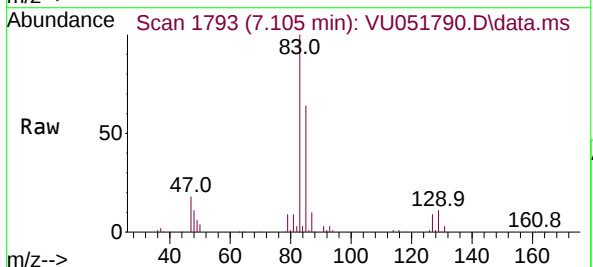
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MSVOA_U
ClientSampleId :
VSTD005194

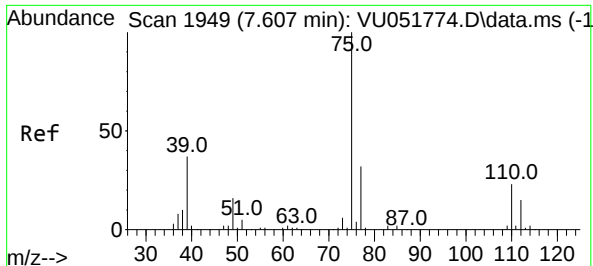
Tgt Ion: 63 Resp: 116900
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.267 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 83 Resp: 147441
Ion Ratio Lower Upper
83 100
85 64.3 45.1 83.7
127 8.8 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.033 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

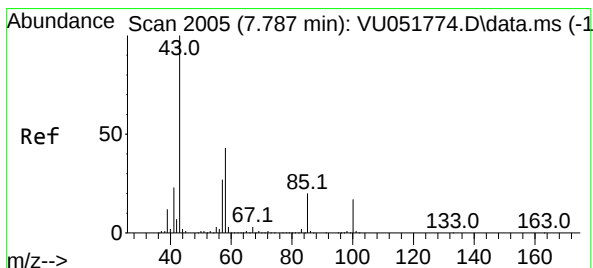
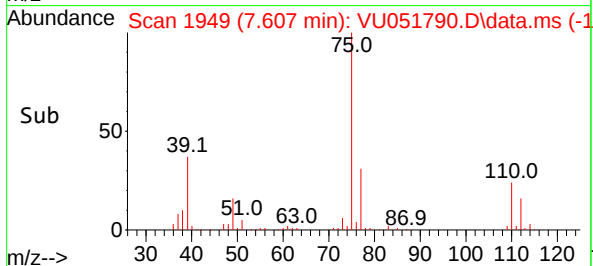
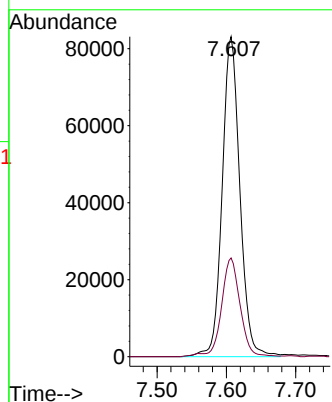
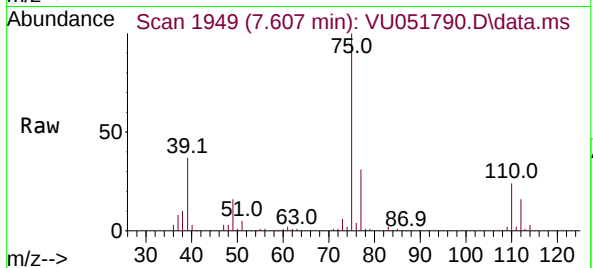
VSTD005194

Tgt Ion: 75 Resp: 147975

Ion Ratio Lower Upper

75 100

77 30.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.408 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

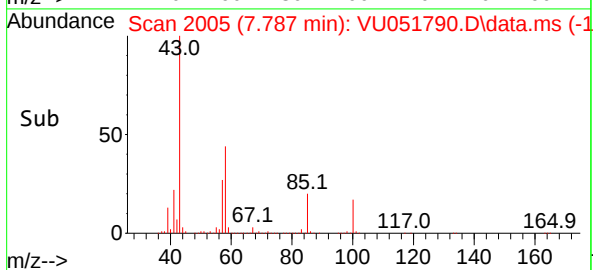
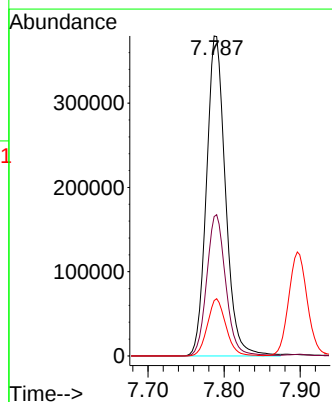
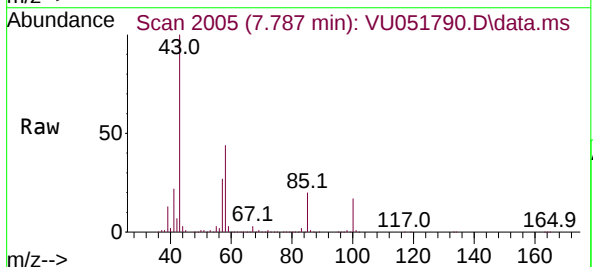
Tgt Ion: 43 Resp: 659910

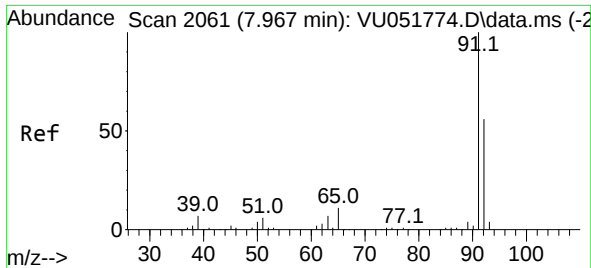
Ion Ratio Lower Upper

43 100

58 44.2 35.0 52.6

100 17.4 13.4 20.0





#42

Toluene

Concen: 5.160 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

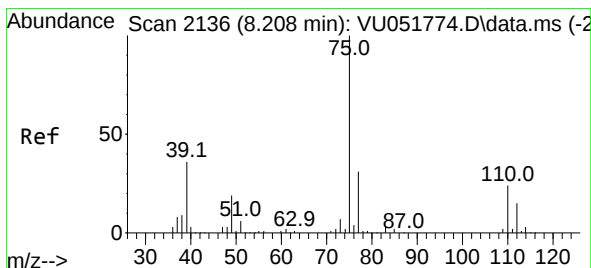
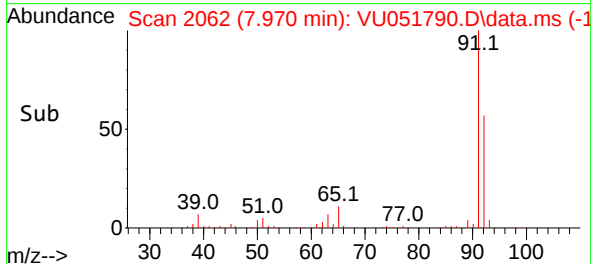
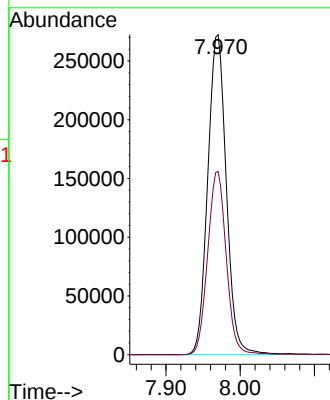
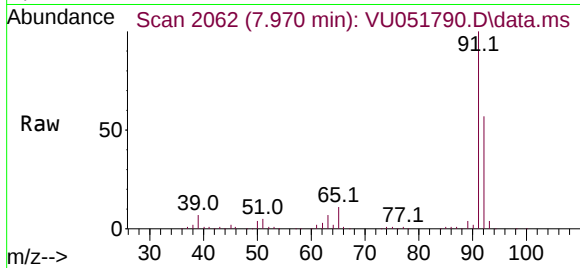
VSTD005194

Tgt Ion: 91 Resp: 472162

Ion Ratio Lower Upper

91 100

92 57.3 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.442 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051790.D

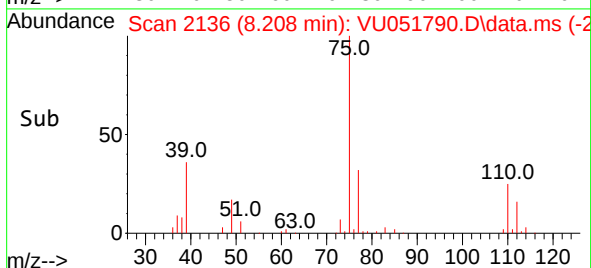
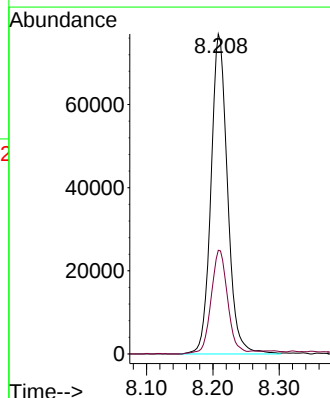
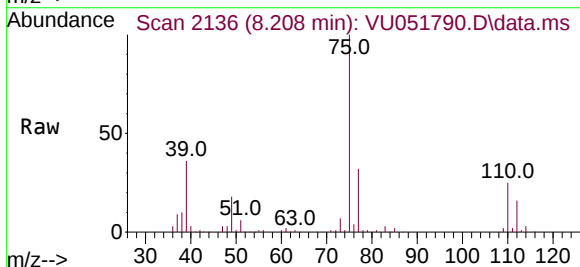
Acq: 09 Nov 2022 10:06

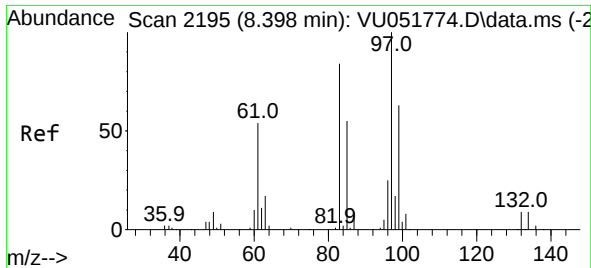
Tgt Ion: 75 Resp: 133708

Ion Ratio Lower Upper

75 100

77 32.4 21.8 40.6

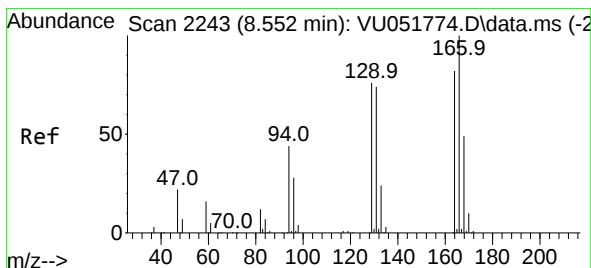
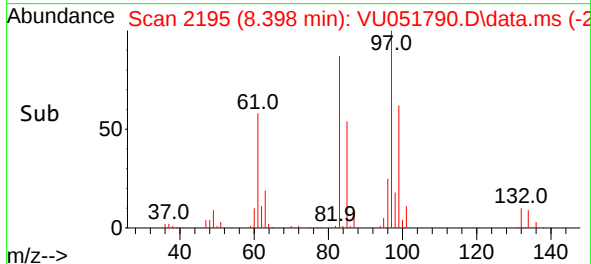
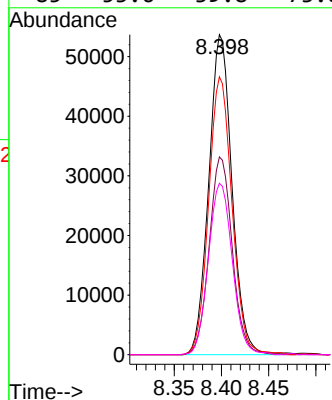
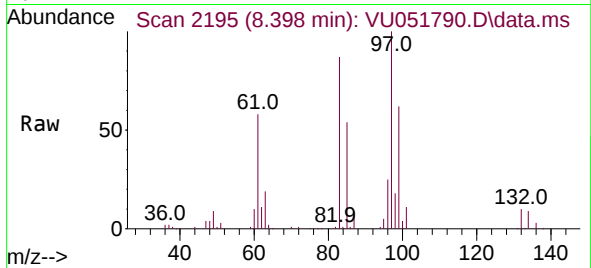




#45
1,1,2-Trichloroethane
Concen: 5.466 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

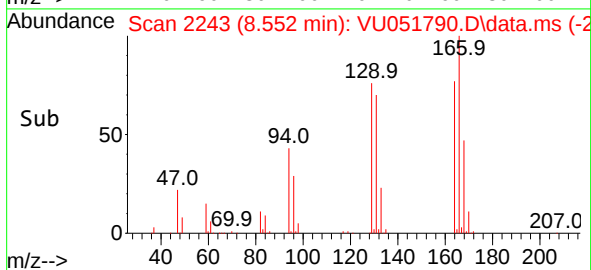
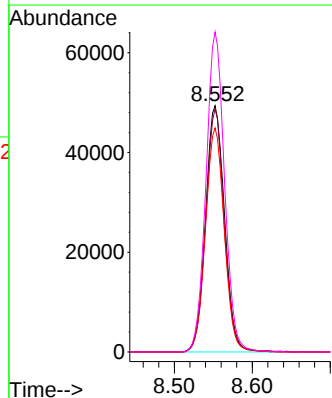
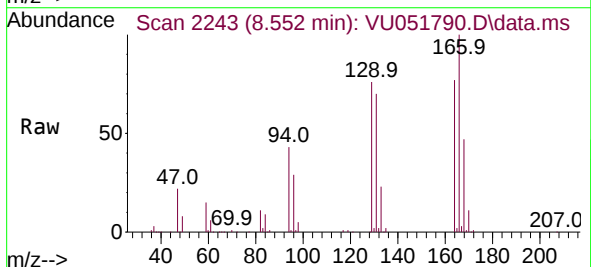
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

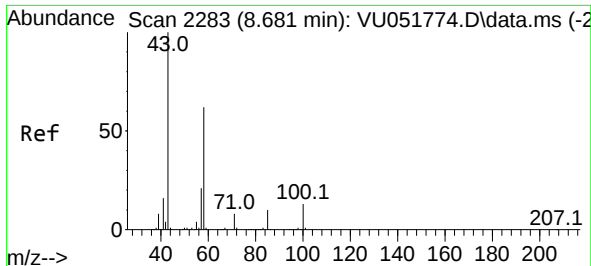
Tgt Ion:	97	Resp:	91790
Ion	Ratio	Lower	Upper
97	100		
99	61.8	43.4	80.6
83	86.8	61.3	113.9
85	53.6	39.8	73.8



#47
Tetrachloroethene
Concen: 5.081 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion:	164	Resp:	83674
Ion	Ratio	Lower	Upper
164	100		
129	98.7	64.0	118.8
131	91.0	60.7	112.7
166	129.9	86.8	161.2

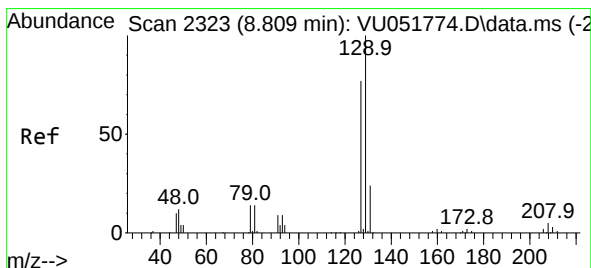
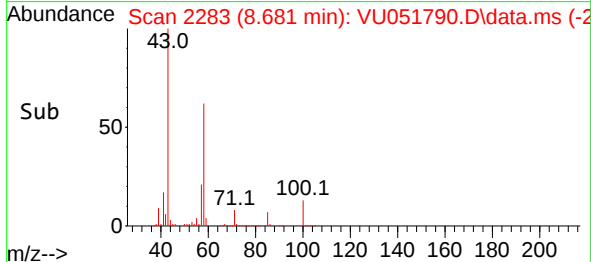
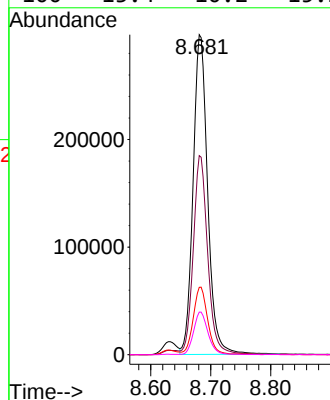
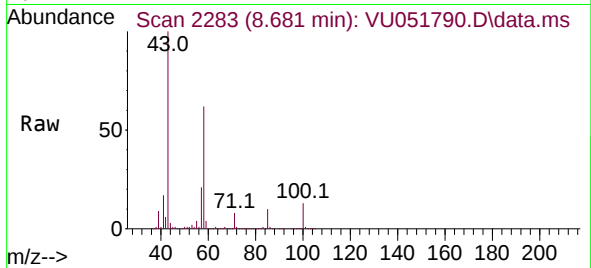




#48
2-Hexanone
Concen: 58.998 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

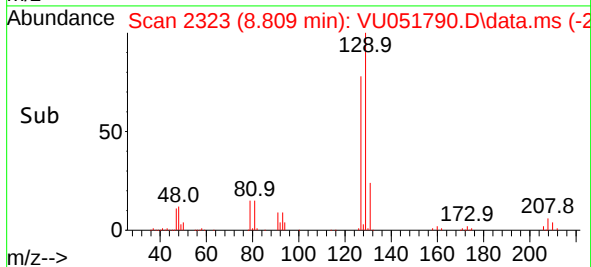
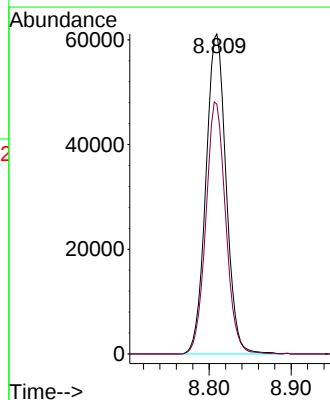
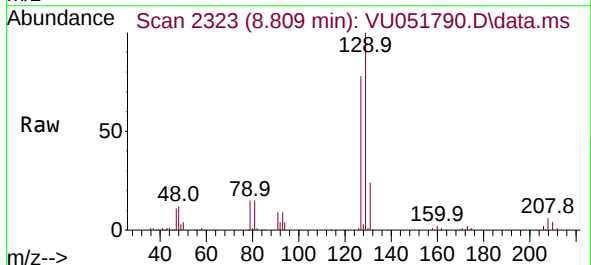
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

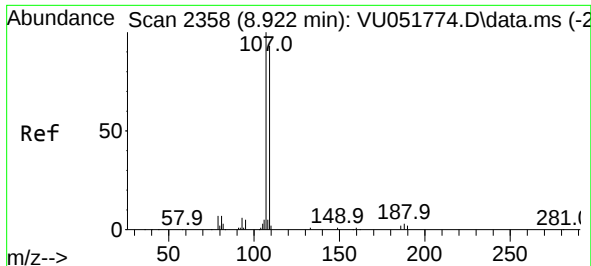
Tgt Ion: 43 Resp: 501996
Ion Ratio Lower Upper
43 100
58 61.3 48.2 72.2
57 21.1 16.6 25.0
100 13.4 10.2 15.2



#49
Dibromochloromethane
Concen: 5.456 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 129 Resp: 104674
Ion Ratio Lower Upper
129 100
127 78.1 54.8 101.8





#50

1,2-Dibromoethane

Concen: 5.352 ug/L

RT: 8.922 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005194

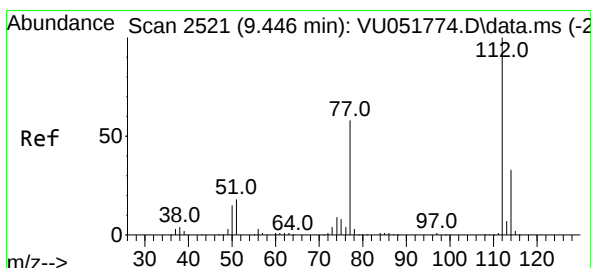
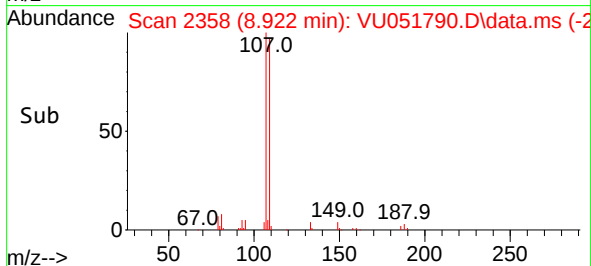
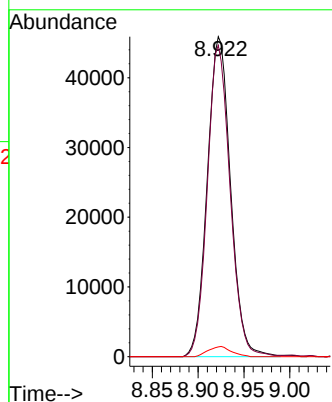
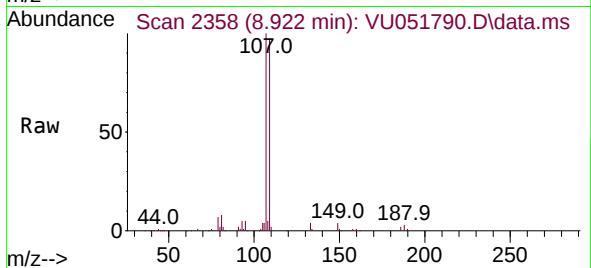
Tgt Ion:107 Resp: 81085

Ion Ratio Lower Upper

107 100

109 97.3 63.0 117.0

188 3.1 3.0 4.4



#51

Chlorobenzene

Concen: 5.210 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

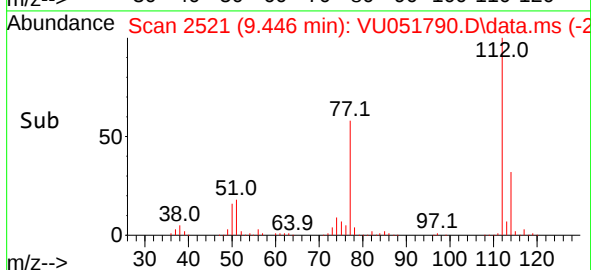
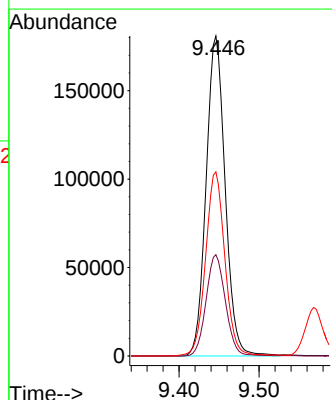
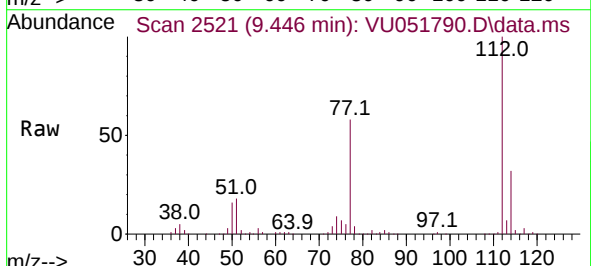
Tgt Ion:112 Resp: 300094

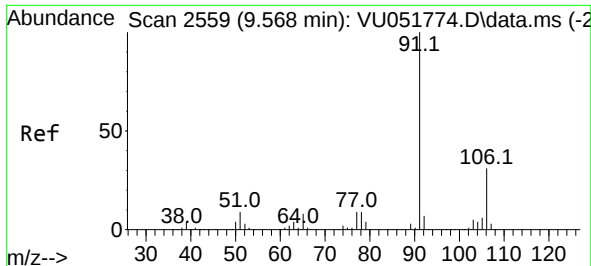
Ion Ratio Lower Upper

112 100

114 31.7 22.0 40.8

77 57.6 46.7 70.1





#52

Ethylbenzene

Concen: 5.304 ug/L

RT: 9.568 min Scan# 2559

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

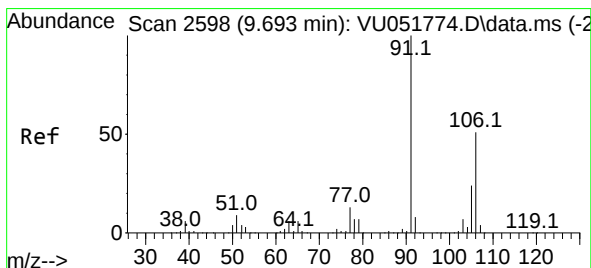
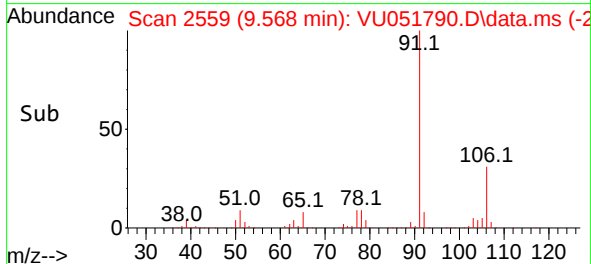
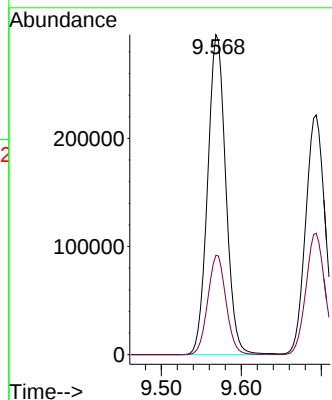
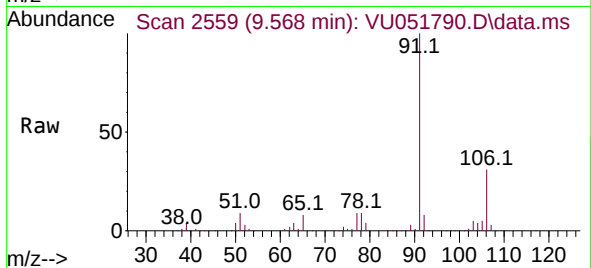
VSTD005194

Tgt Ion: 91 Resp: 468323

Ion Ratio Lower Upper

91 100

106 31.0 21.8 40.6



#53

m,p-Xylene

Concen: 5.469 ug/L

RT: 9.694 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU051790.D

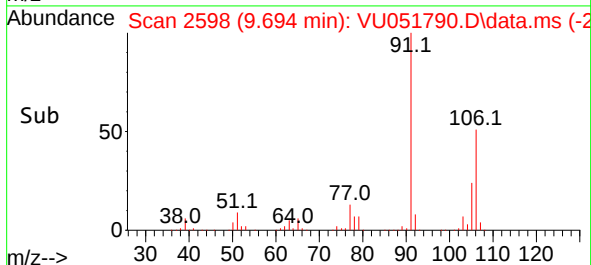
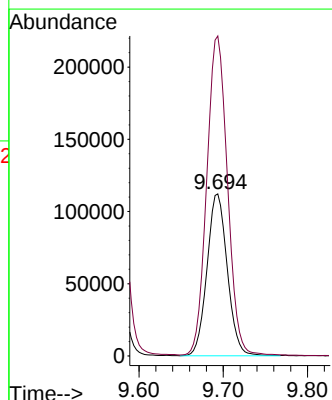
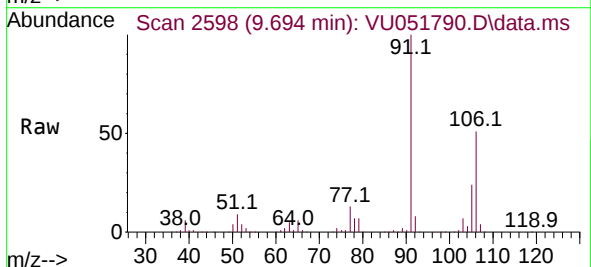
Acq: 09 Nov 2022 10:06

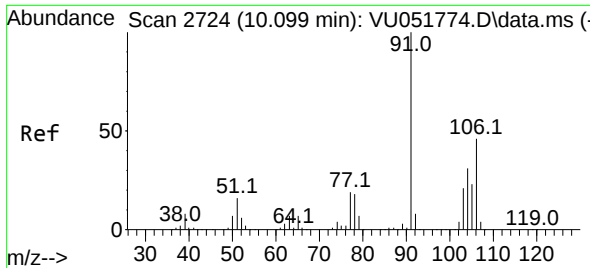
Tgt Ion: 106 Resp: 187560

Ion Ratio Lower Upper

106 100

91 197.4 139.4 259.0

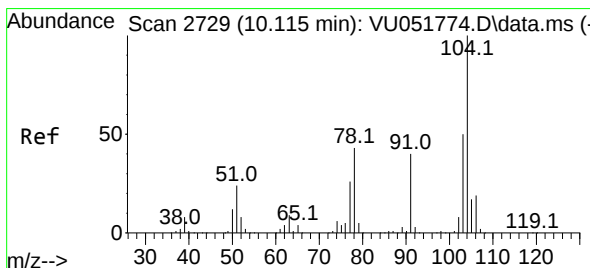
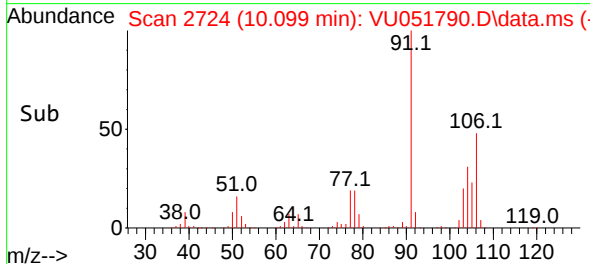
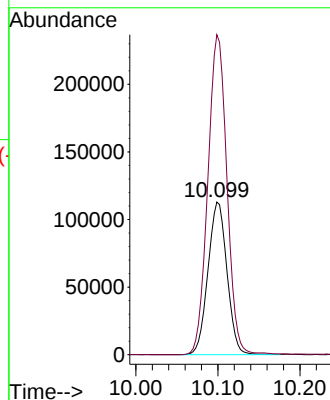
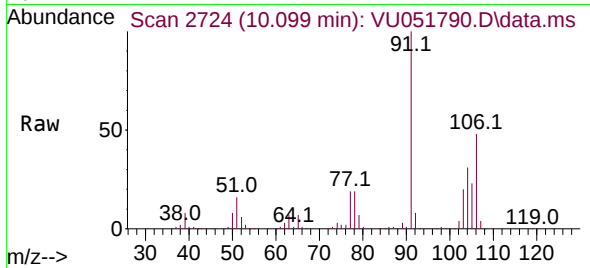




#54
o-Xylene
Concen: 5.430 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

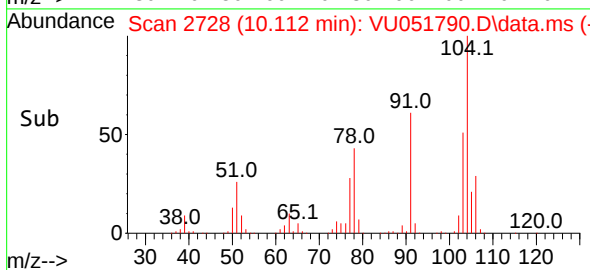
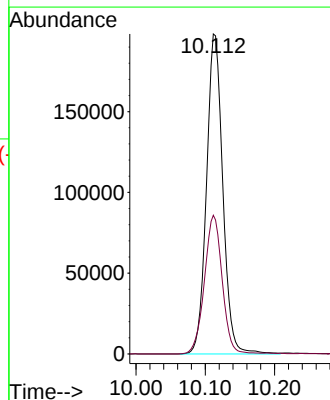
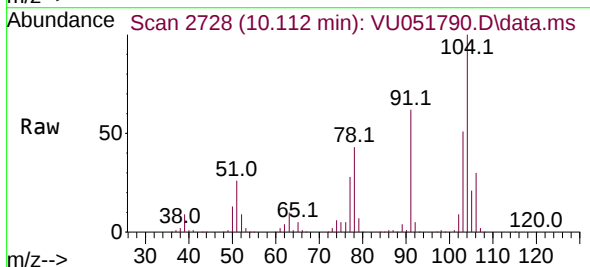
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

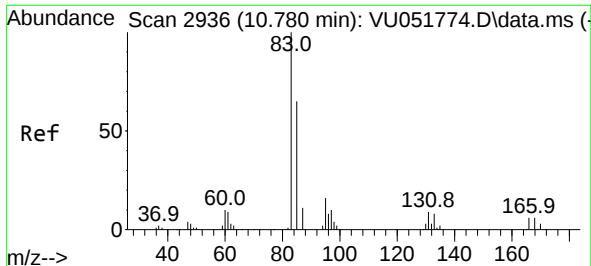
Tgt Ion:106 Resp: 181988
Ion Ratio Lower Upper
106 100
91 209.6 149.2 277.2



#55
Styrene
Concen: 5.776 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. -0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion:104 Resp: 323676
Ion Ratio Lower Upper
104 100
78 43.4 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.824 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

Instrument :

MSVOA_U

ClientSampleId :

VSTD005194

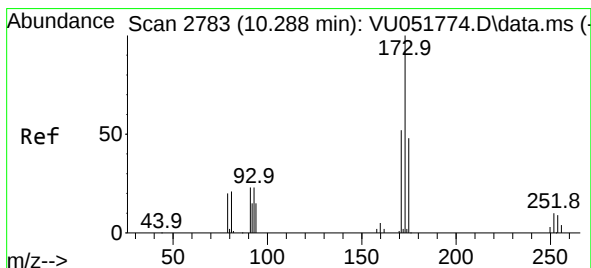
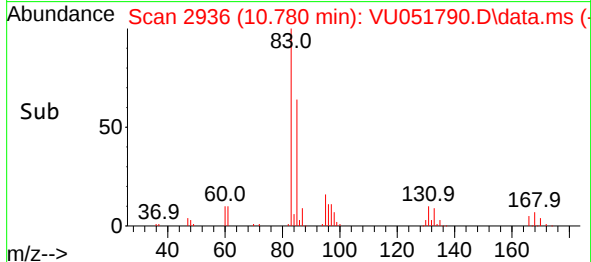
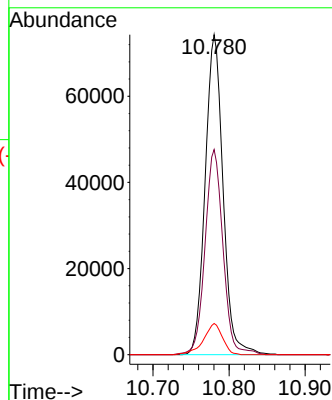
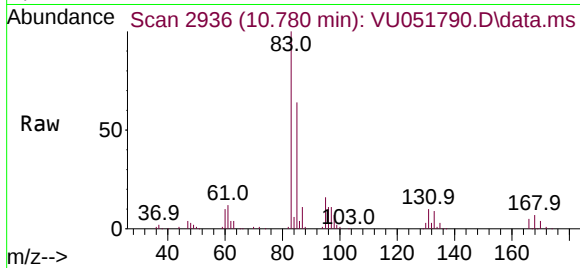
Tgt Ion: 83 Resp: 121278

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.5

131 9.8 7.8 11.8



#59

Bromoform

Concen: 5.342 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051790.D

Acq: 09 Nov 2022 10:06

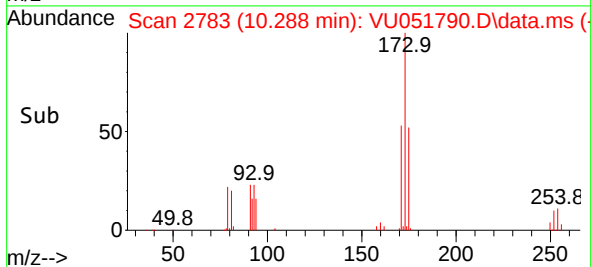
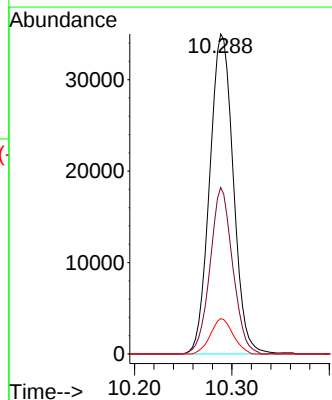
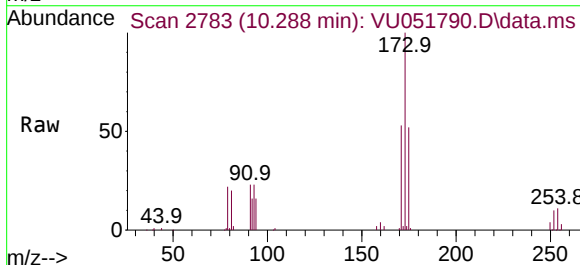
Tgt Ion: 173 Resp: 58957

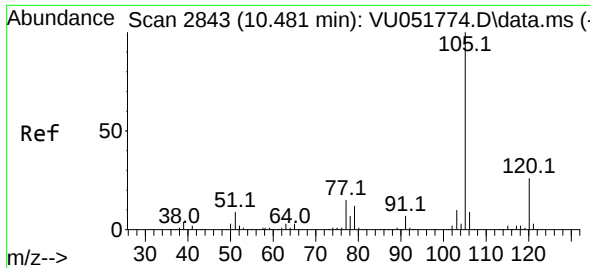
Ion Ratio Lower Upper

173 100

175 49.7 38.7 58.1

254 10.6 7.3 10.9

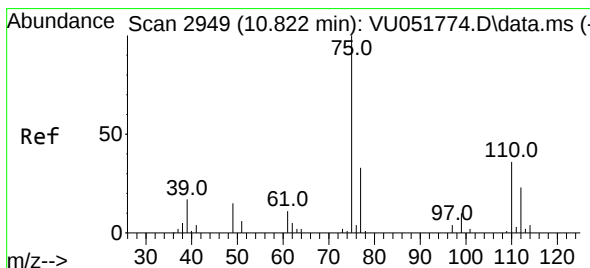
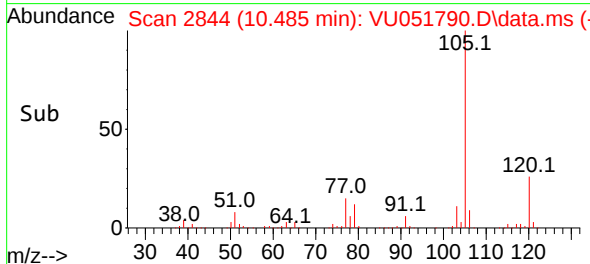
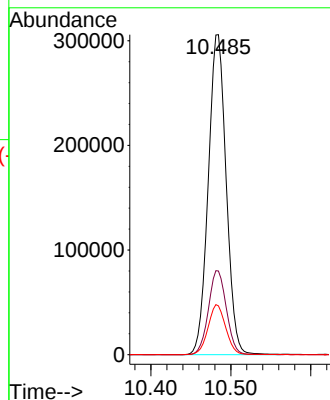
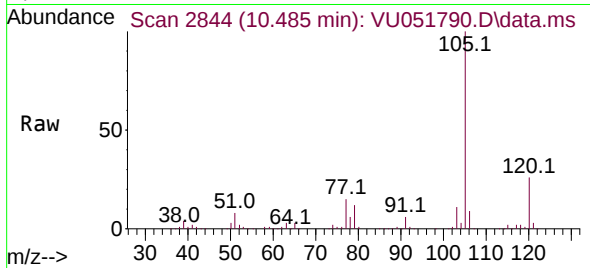




#60
Isopropylbenzene
Concen: 5.463 ug/L
RT: 10.485 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

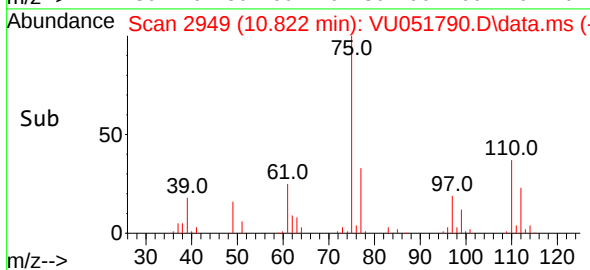
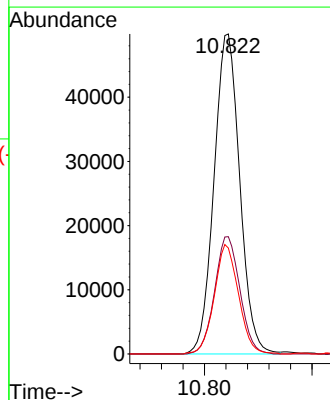
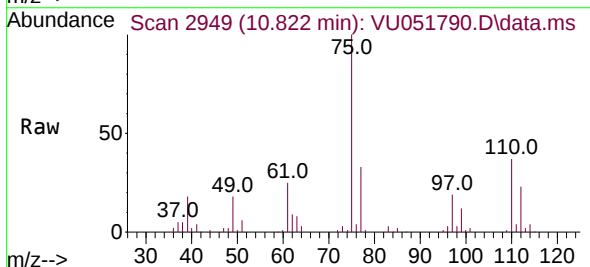
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

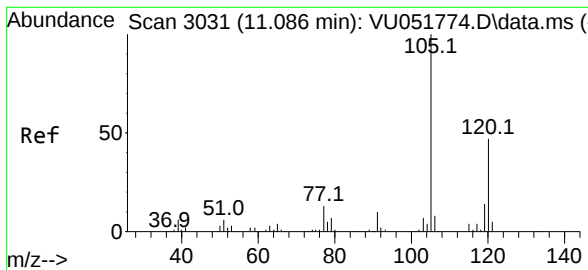
Tgt Ion:105 Resp: 476438
Ion Ratio Lower Upper
105 100
120 26.3 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.359 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 75 Resp: 82774
Ion Ratio Lower Upper
75 100
110 35.9 28.7 43.1
77 32.2 26.1 39.1

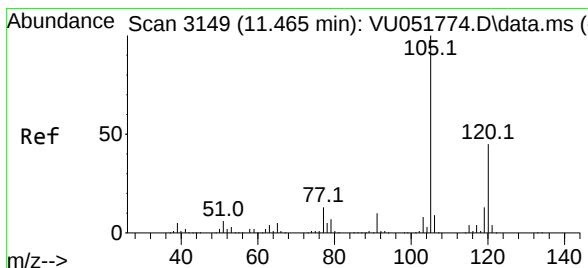
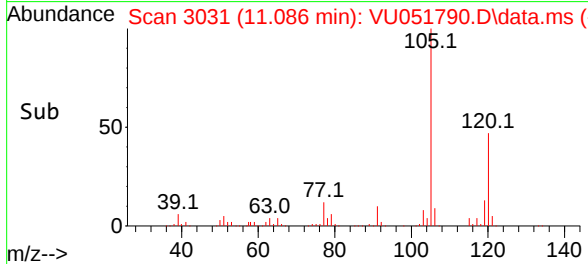
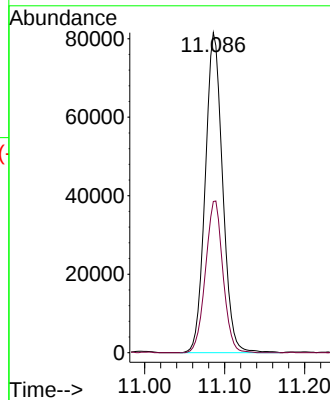
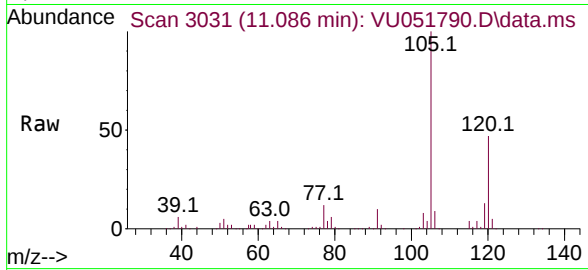




#62
 1,3,5-Trimethylbenzene
 Concen: 5.267 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

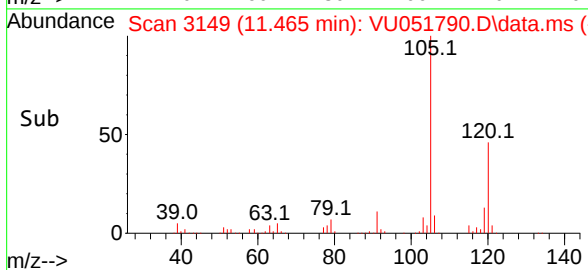
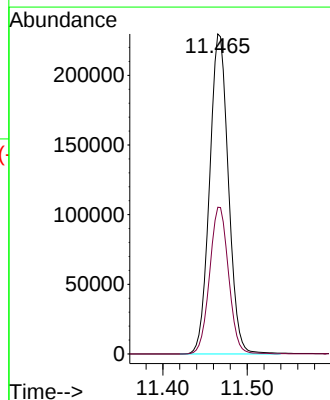
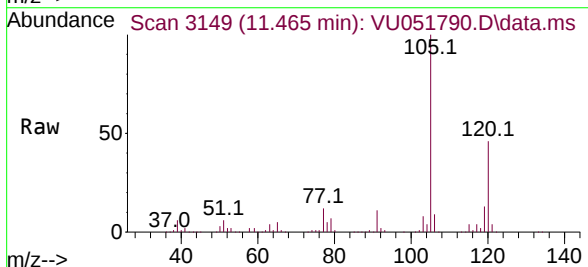
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

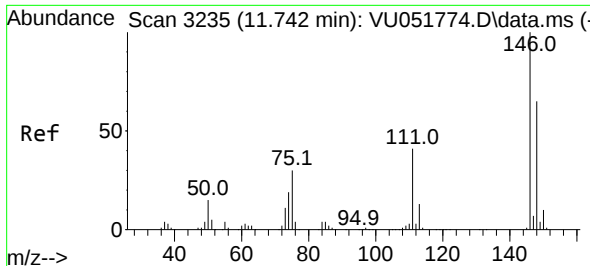
Tgt Ion:105 Resp: 123644
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.269 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

Tgt Ion:105 Resp: 356672
 Ion Ratio Lower Upper
 105 100
 120 46.1 35.8 53.6

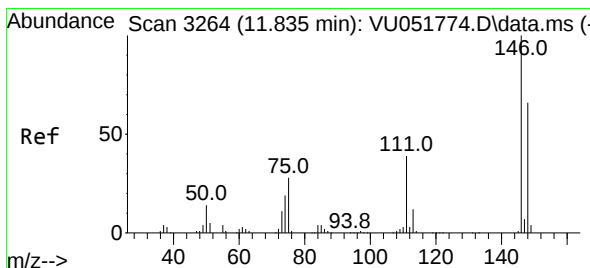
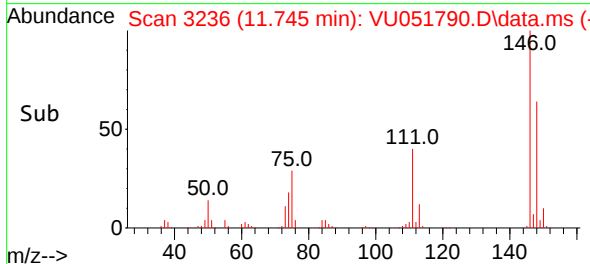
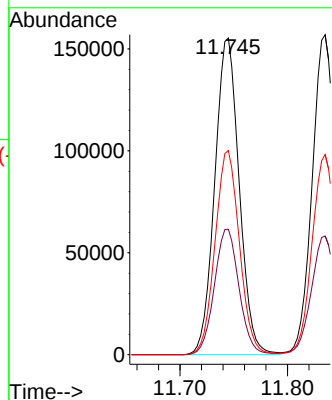
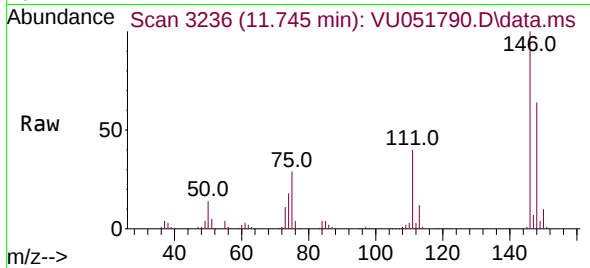




#64
1,3-Dichlorobenzene
Concen: 5.654 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

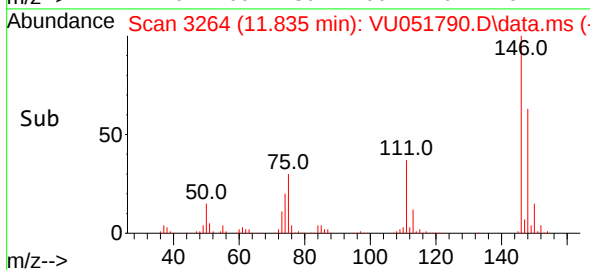
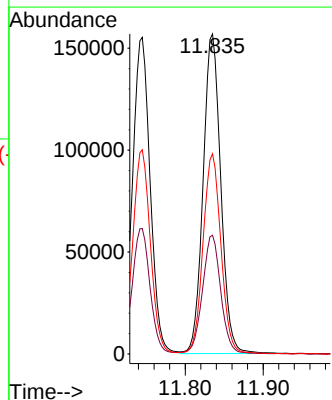
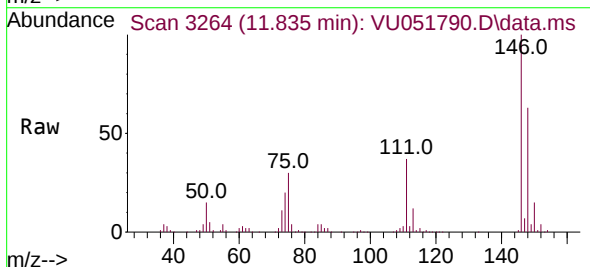
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

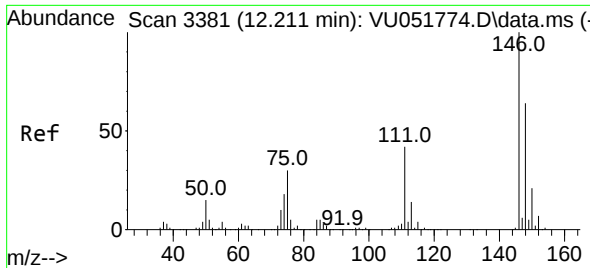
Tgt Ion:146 Resp: 245484
Ion Ratio Lower Upper
146 100
111 39.6 28.6 53.2
148 64.5 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.683 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion:146 Resp: 247359
Ion Ratio Lower Upper
146 100
111 37.1 26.7 49.5
148 62.6 43.5 80.9

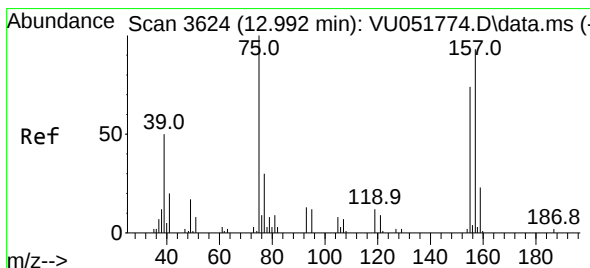
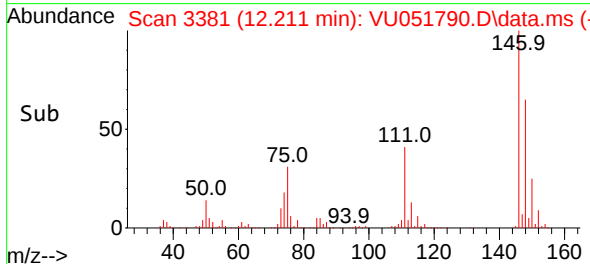
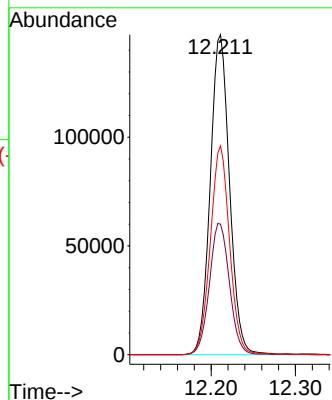
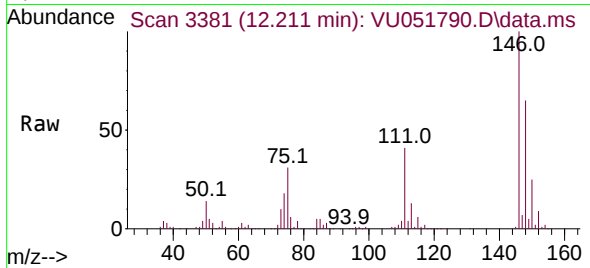




#67
1,2-Dichlorobenzene
Concen: 5.525 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

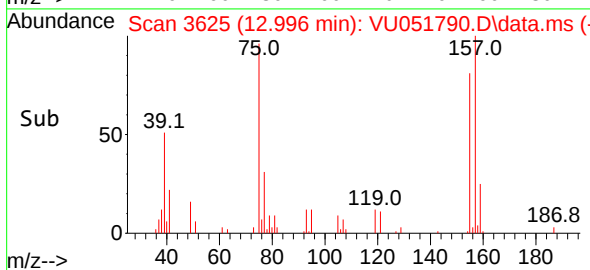
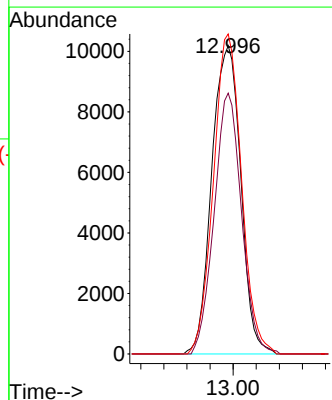
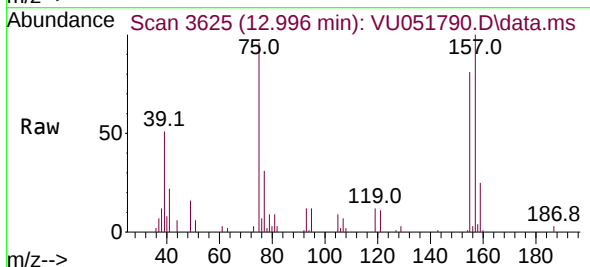
Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

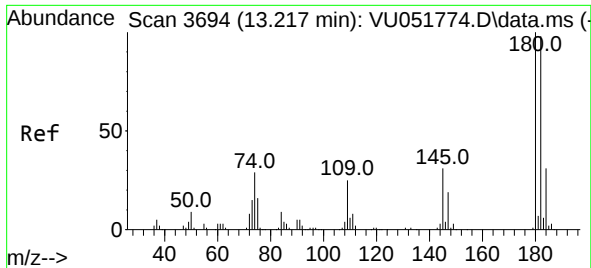
Tgt Ion:146 Resp: 233626
Ion Ratio Lower Upper
146 100
111 40.8 34.2 51.2
148 65.3 50.1 75.1



#68
1,2-Dibromo-3-chloropropane
Concen: 5.566 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion: 75 Resp: 17704
Ion Ratio Lower Upper
75 100
155 84.6 61.4 92.2
157 103.9 86.7 130.1

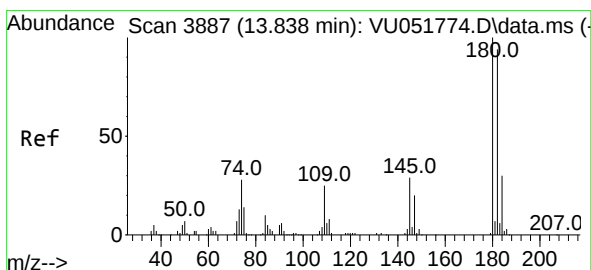
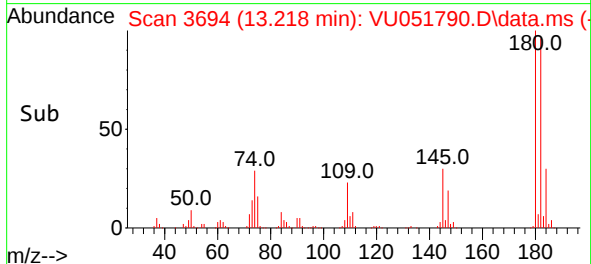
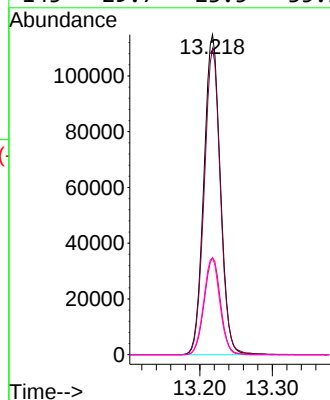
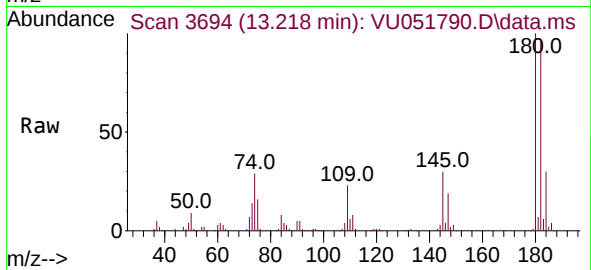




#69
 1,3,5-Trichlorobenzene
 Concen: 5.852 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

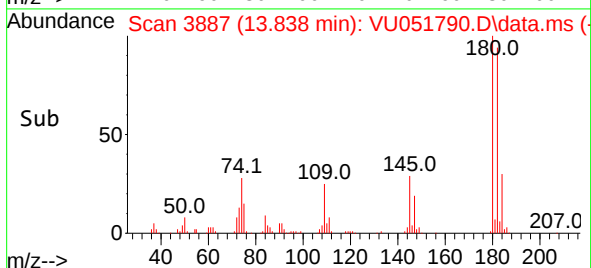
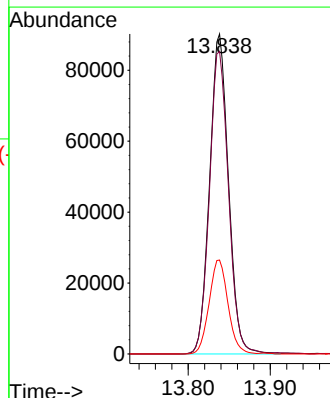
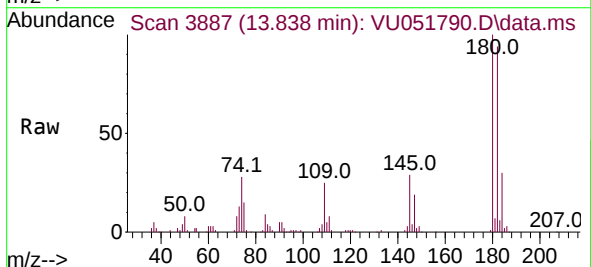
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005194

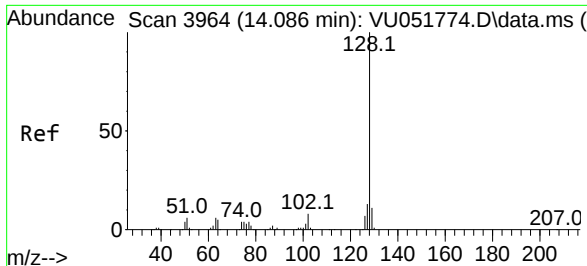
Tgt Ion:	180	Resp:	181083
Ion	Ratio	Lower	Upper
180	100		
182	94.4	77.0	115.6
184	29.9	23.7	35.5
145	29.7	23.5	35.3



#70
 1,2,4-trichlorobenzene
 Concen: 6.076 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. 0.000 min
 Lab File: VU051790.D
 Acq: 09 Nov 2022 10:06

Tgt Ion:	180	Resp:	144332
Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.8	116.6
145	29.3	25.0	37.6

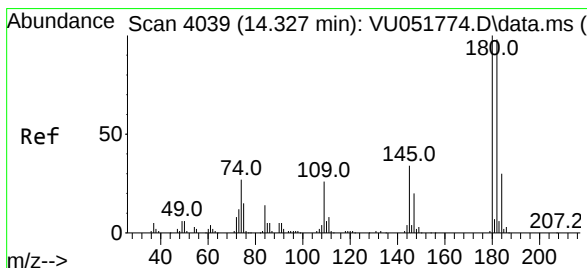
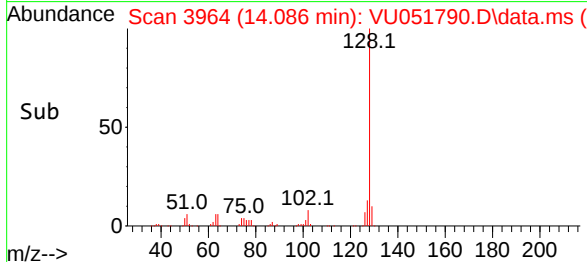
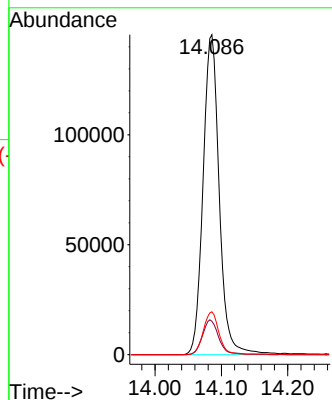
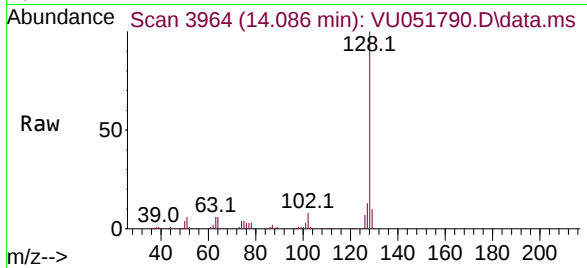




#71
Naphthalene
Concen: 5.575 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Instrument :
MSVOA_U
ClientSampleId :
VSTD005194

Tgt Ion:128 Resp: 247224
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.0 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.881 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051790.D
Acq: 09 Nov 2022 10:06

Tgt Ion:180 Resp: 141082
Ion Ratio Lower Upper
180 100
182 97.2 76.1 114.1
145 32.2 25.6 38.4

