

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051294.D
 Acq On : 09 Oct 2022 00:17
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Quant Time: Oct 09 04:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	211699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	109549	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	64407	4.181	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.600%
7) Chloroethane-d5	1.909	69	64418	4.867	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.565	65	24837	4.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	4.626	46	180948	53.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.720%
24) Chloroform-d	5.063	84	152331	5.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.000%
26) 1,2-Dichloroethane-d4	5.700	65	75727	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.726	84	272909	4.686	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.690	67	95362	4.821	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.400%
41) Toluene-d8	7.896	98	254373	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.179	79	28621	4.405	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.632	63	110834	50.608	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.220%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	80704	5.108	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	87583	4.600	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	74448	4.779	ug/L	99
3) Chloromethane	1.520	50	108389	4.956	ug/L	99
5) Vinyl chloride	1.600	62	104862	4.888	ug/L	99
6) Bromomethane	1.854	94	57548	4.926	ug/L	97
8) Chloroethane	1.932	64	69162	5.055	ug/L	99
9) Trichlorofluoromethane	2.137	101	122307	4.946	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	66825	4.502	ug/L	98
12) 1,1-Dichloroethene	2.578	96	66365	4.766	ug/L	94
13) Acetone	2.633	43	130447	51.285	ug/L	98
14) Carbon disulfide	2.790	76	205753	4.824	ug/L	98
15) Methyl Acetate	2.951	43	33060	5.347	ug/L	96
16) Methylene chloride	3.044	84	120081	5.840	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	157506	4.938	ug/L	98
18) trans-1,2-Dichloroethene	3.353	96	73376	5.009	ug/L	99
19) 1,1-Dichloroethane	3.867	63	160736	5.317	ug/L	98
21) 2-Butanone	4.703	43	203217	50.695	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	83426	5.141	ug/L	97
23) Bromochloromethane	4.973	128	41995	5.424	ug/L	97
25) Chloroform	5.086	83	165401	5.238	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051294.D
 Acq On : 09 Oct 2022 00:17
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

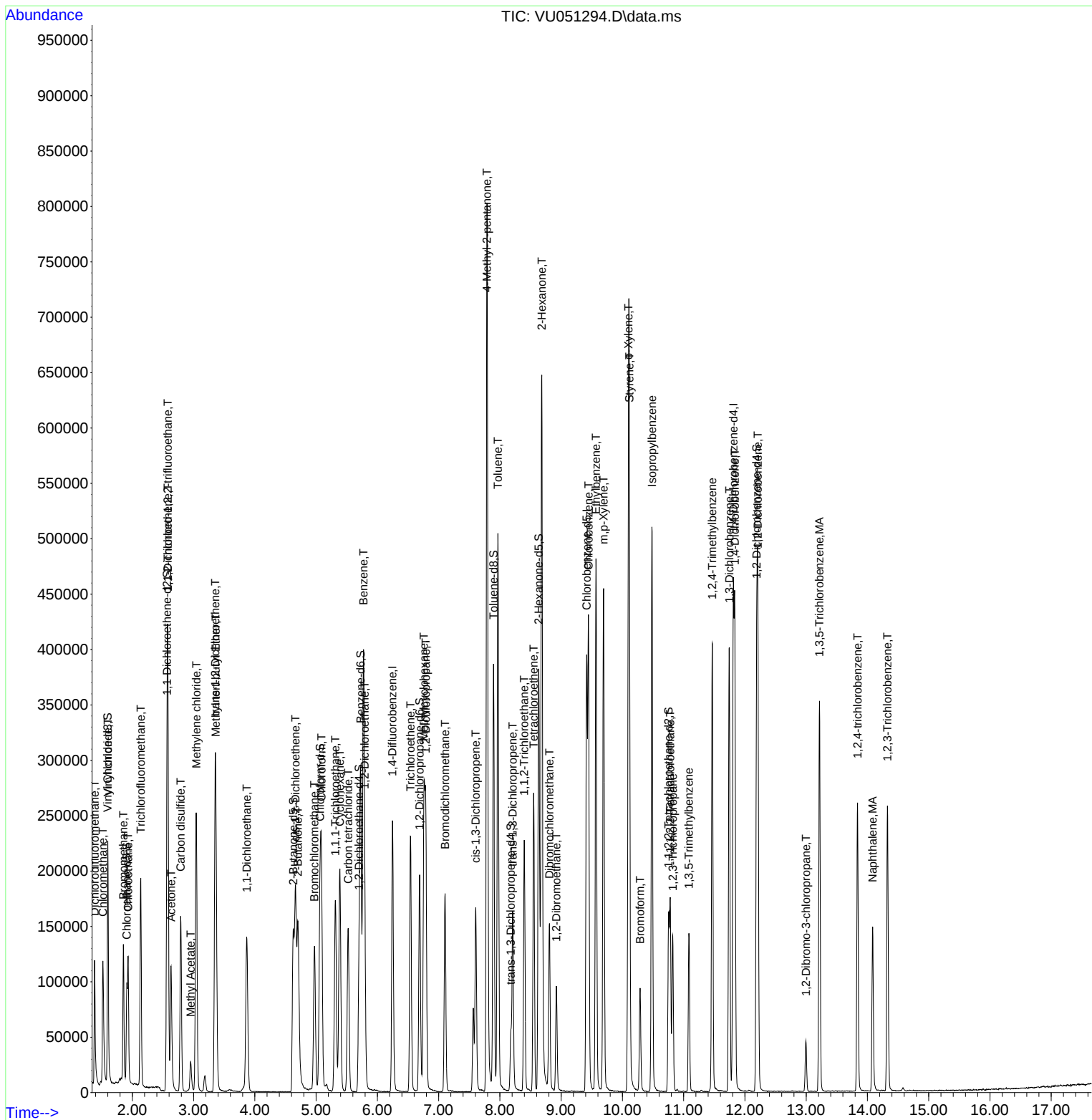
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

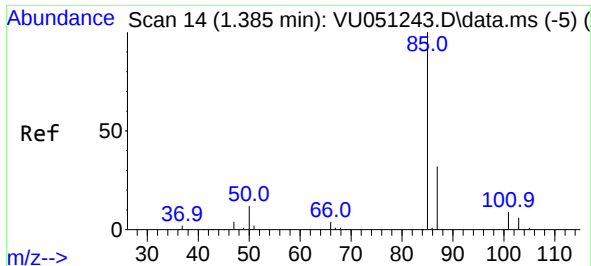
Quant Time: Oct 09 04:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	103089	5.450	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	122756	4.840	ug/L	99
30) Cyclohexane	5.385	56	81448	3.786	ug/L	99
31) Carbon tetrachloride	5.523	117	99673	4.644	ug/L	97
33) Benzene	5.774	78	350991	4.966	ug/L	100
34) Trichloroethene	6.539	95	82542	4.682	ug/L	98
35) Methylcyclohexane	6.761	83	83641	3.760	ug/L	96
37) 1,2-Dichloropropane	6.790	63	97338	5.025	ug/L	99
38) Bromodichloromethane	7.105	83	117734	5.095	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	100314	4.308	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	499472	49.147	ug/L	98
42) Toluene	7.967	91	365547	4.873	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	91100	4.525	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	69488	5.109	ug/L	97
47) Tetrachloroethene	8.552	164	57226	4.415	ug/L	99
48) 2-Hexanone	8.684	43	398919	52.718	ug/L	97
49) Dibromochloromethane	8.809	129	75800	4.963	ug/L	98
50) 1,2-Dibromoethane	8.922	107	61719	5.098	ug/L	98
51) Chlorobenzene	9.446	112	220782	4.926	ug/L	100
52) Ethylbenzene	9.568	91	319485	4.739	ug/L	97
53) m,p-Xylene	9.693	106	125753	4.810	ug/L	96
54) o-Xylene	10.098	106	121233	4.901	ug/L	98
55) Styrene	10.115	104	219589	5.156	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	84704	5.031	ug/L	99
59) Bromoform	10.288	173	41084	4.508	ug/L	99
60) Isopropylbenzene	10.484	105	303520	4.374	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	61814	4.469	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	71854	3.904	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	212495	4.082	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	162482	4.734	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	159950	4.728	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	156551	4.692	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	12803	4.839	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	107590	4.548	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	79002	4.699	ug/L	97
71) Naphthalene	14.085	128	122144	3.908	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	79661	4.580	ug/L	99

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

Quant Time: Oct 09 04:09:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Oct 08 05:40:36 2022
Response via : Initial Calibration

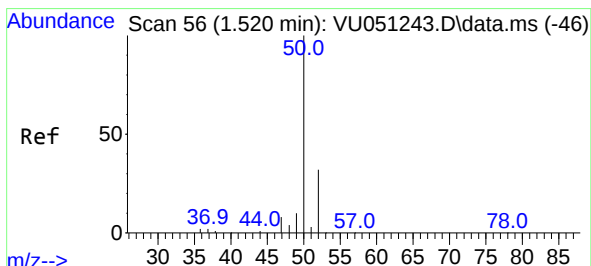
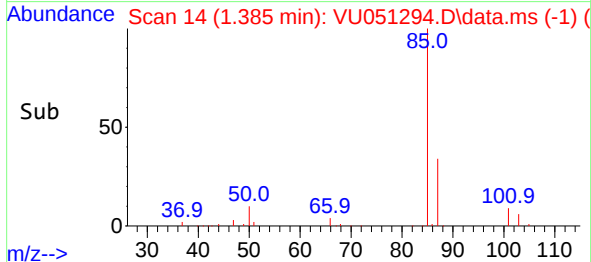
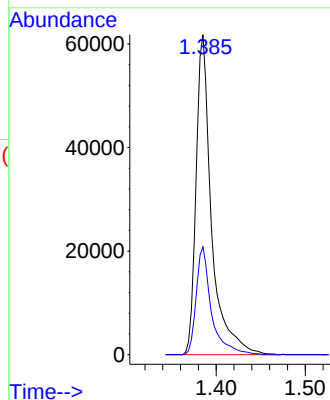
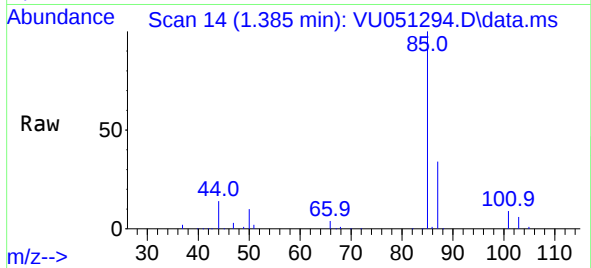




#2
Dichlorodifluoromethane
Concen: 4.779 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

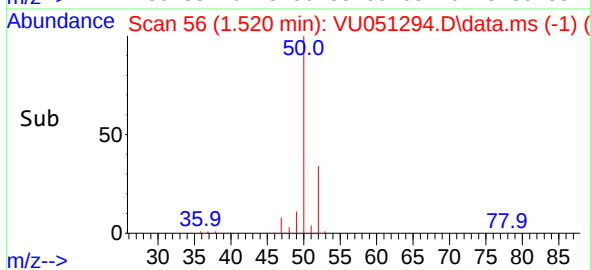
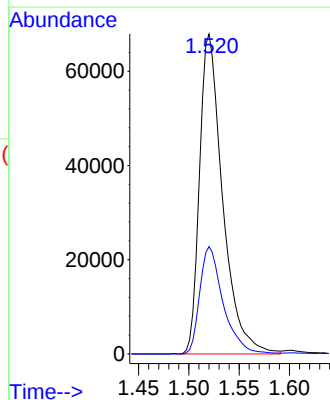
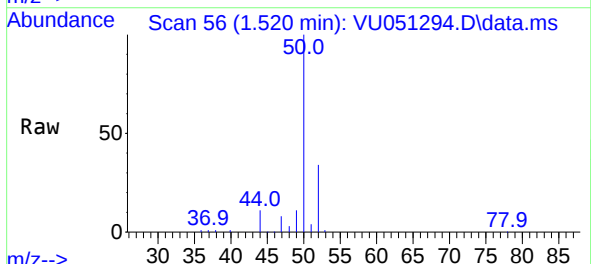
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

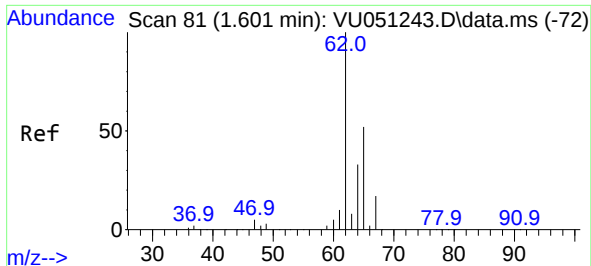
Tgt Ion: 85 Resp: 74448
Ion Ratio Lower Upper
85 100
87 33.4 26.2 39.4



#3
Chloromethane
Concen: 4.956 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 50 Resp: 108389
Ion Ratio Lower Upper
50 100
52 33.5 22.9 42.5

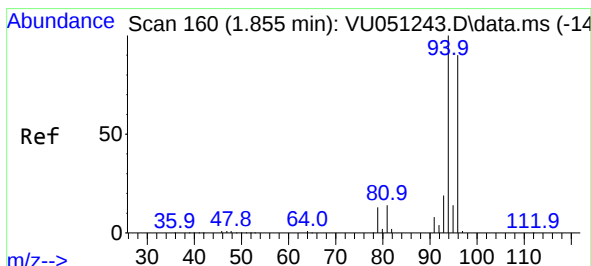
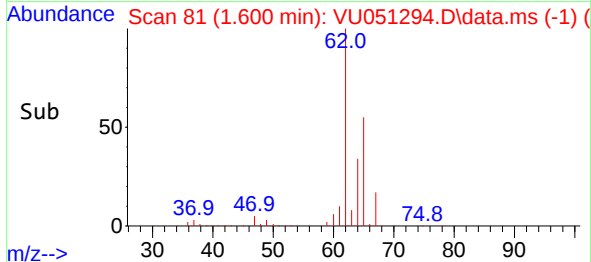
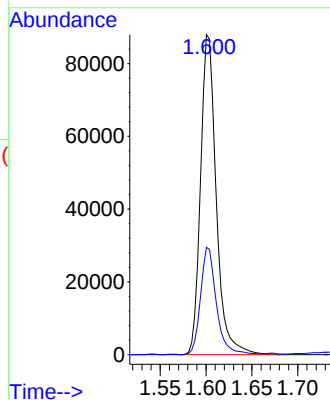
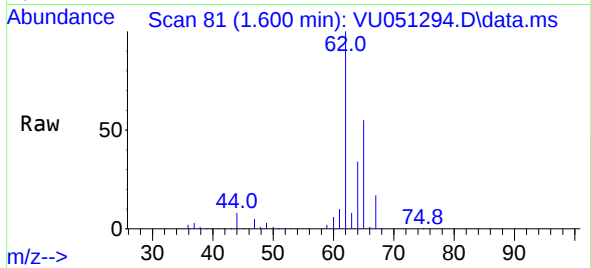




#5
 Vinyl chloride
 Concen: 4.888 ug/L
 RT: 1.600 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

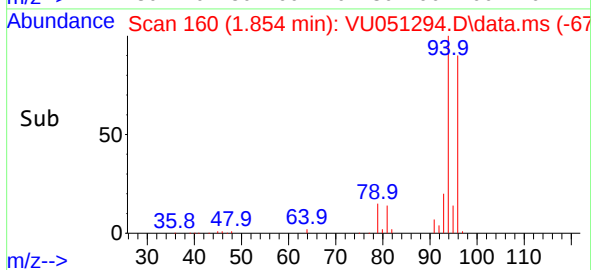
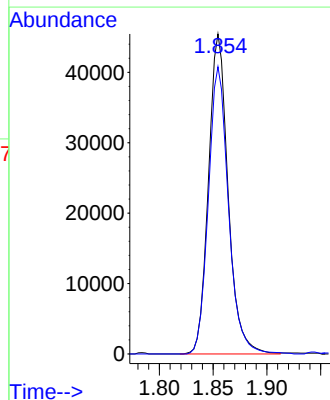
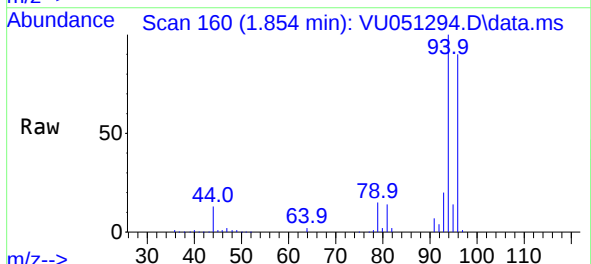
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

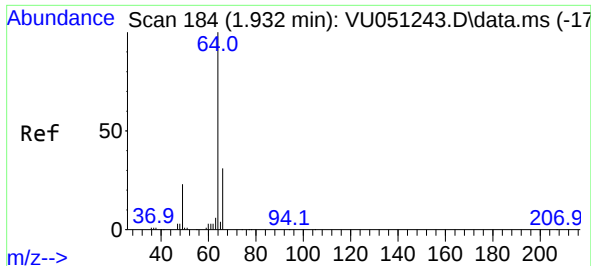
Tgt Ion: 62 Resp: 104862
 Ion Ratio Lower Upper
 62 100
 64 33.5 24.0 44.6



#6
 Bromomethane
 Concen: 4.926 ug/L
 RT: 1.854 min Scan# 160
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

Tgt Ion: 94 Resp: 57548
 Ion Ratio Lower Upper
 94 100
 96 89.8 64.9 120.5

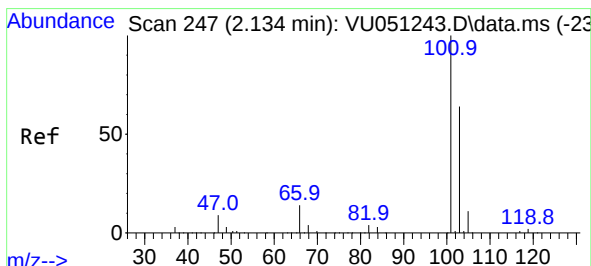
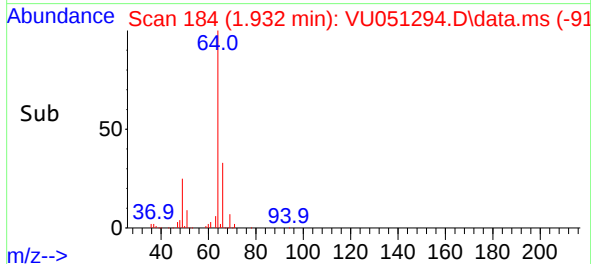
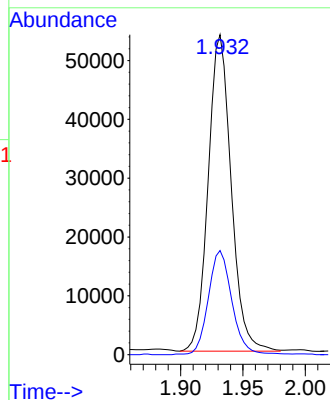
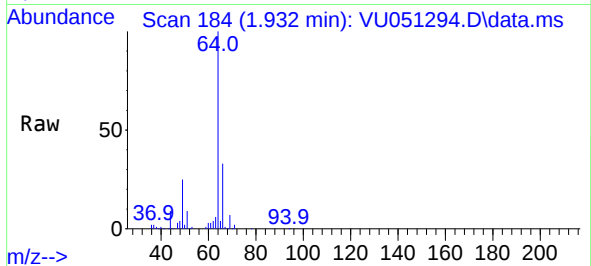




#8
Chloroethane
Concen: 5.055 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

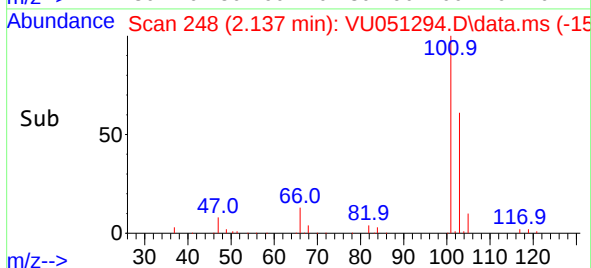
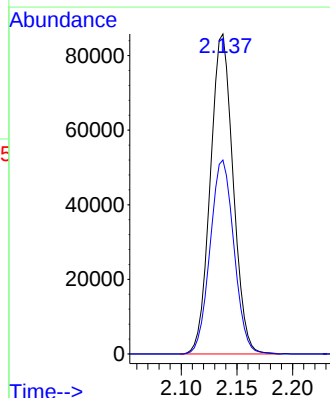
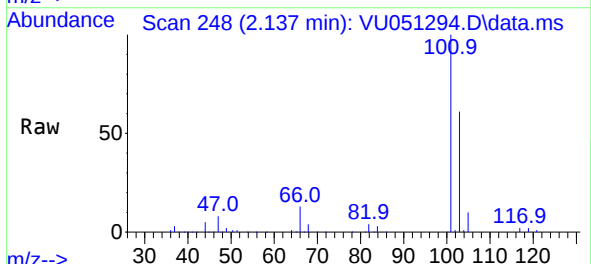
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

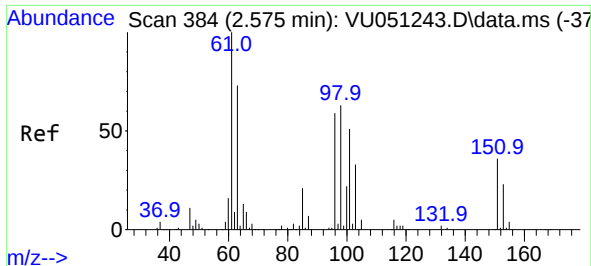
Tgt Ion: 64 Resp: 69162
Ion Ratio Lower Upper
64 100
66 32.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 4.946 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:101 Resp: 122307
Ion Ratio Lower Upper
101 100
103 63.3 52.2 78.2

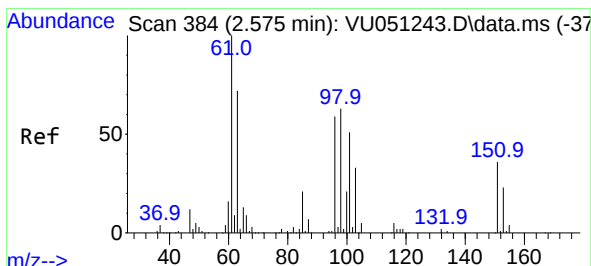
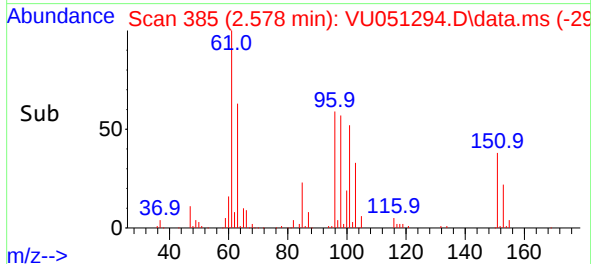
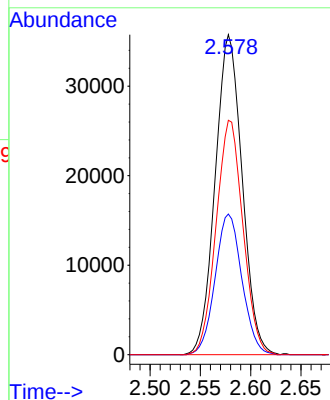
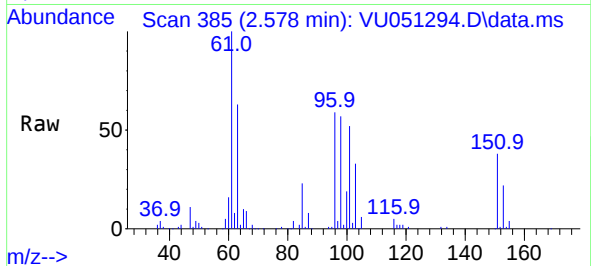




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 4.502 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

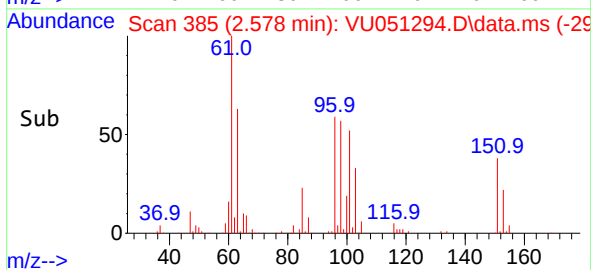
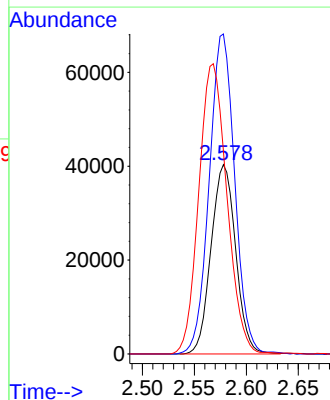
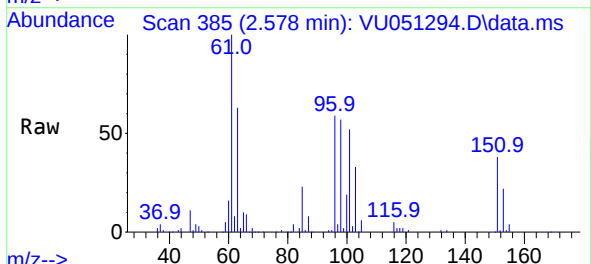
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

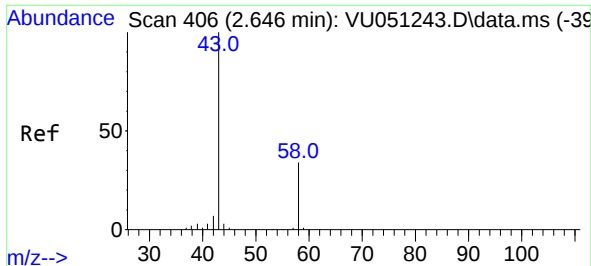
Tgt Ion:101 Resp: 66825
Ion Ratio Lower Upper
101 100
85 43.6 34.6 51.8
151 72.8 56.5 84.7



#12
1,1-Dichloroethene
Concen: 4.766 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 96 Resp: 66365
Ion Ratio Lower Upper
96 100
61 169.0 117.6 218.4
63 107.3 85.2 158.2





#13

Acetone

Concen: 51.285 ug/L

RT: 2.633 min Scan# 406

Delta R.T. -0.013 min

Lab File: VU051294.D

Acq: 09 Oct 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

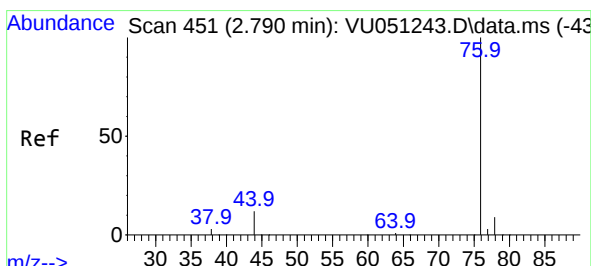
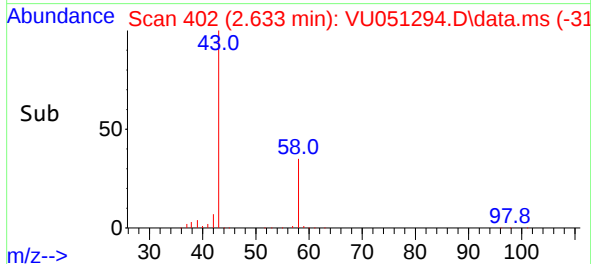
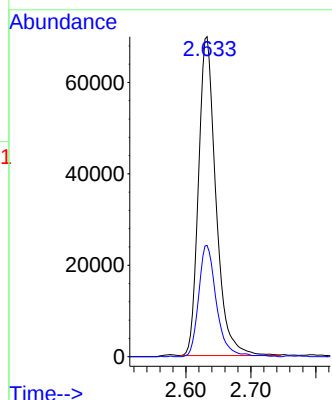
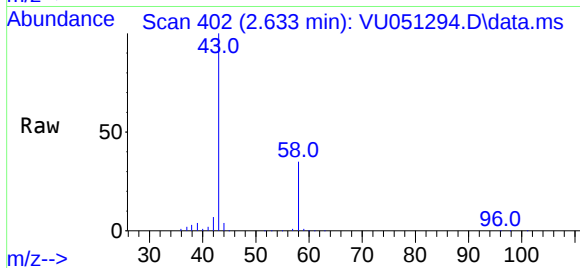
VSTD005168

Tgt Ion: 43 Resp: 130447

Ion Ratio Lower Upper

43 100

58 35.5 0.0 68.8



#14

Carbon disulfide

Concen: 4.824 ug/L

RT: 2.790 min Scan# 451

Delta R.T. -0.000 min

Lab File: VU051294.D

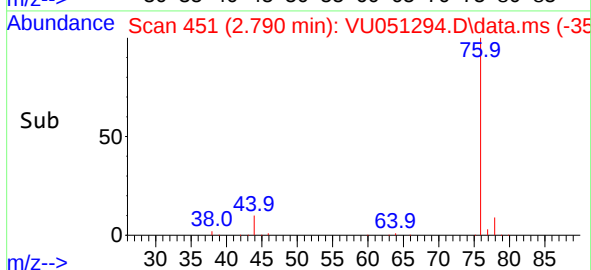
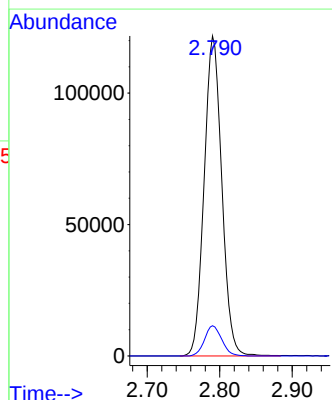
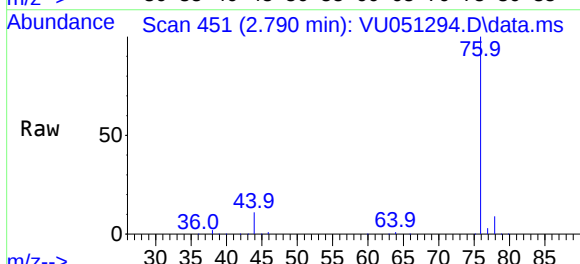
Acq: 09 Oct 2022 00:17

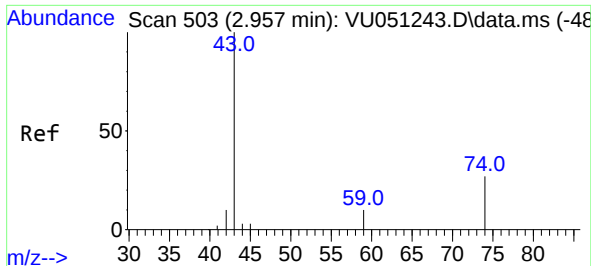
Tgt Ion: 76 Resp: 205753

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4

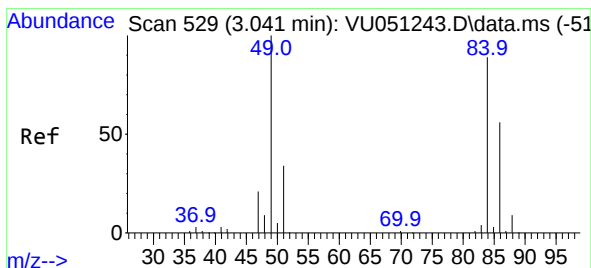
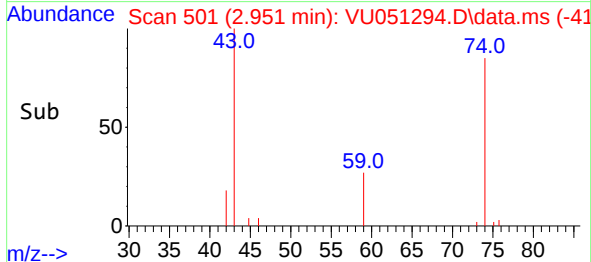
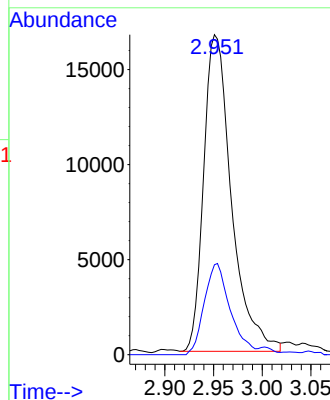
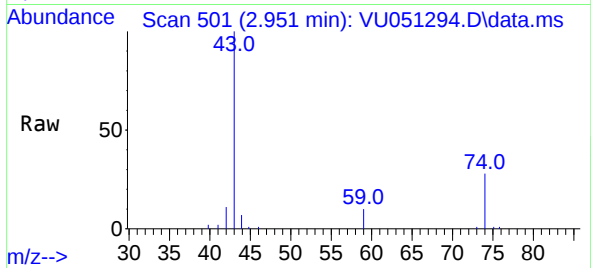




#15
Methyl Acetate
Concen: 5.347 ug/L
RT: 2.951 min Scan# 501
Delta R.T. -0.007 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

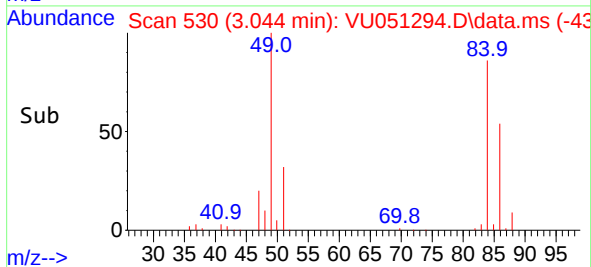
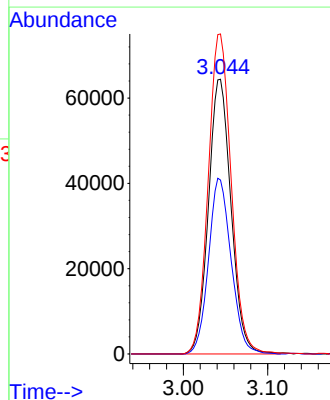
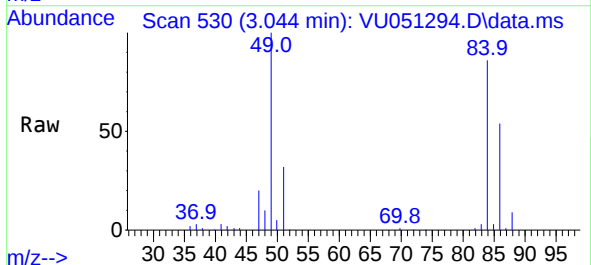
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

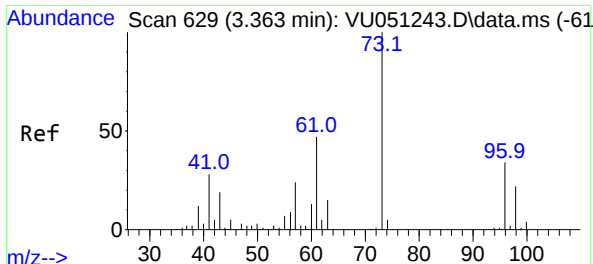
Tgt Ion: 43 Resp: 33060
Ion Ratio Lower Upper
43 100
74 26.8 20.0 30.0



#16
Methylene chloride
Concen: 5.840 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 84 Resp: 120081
Ion Ratio Lower Upper
84 100
86 63.3 46.5 86.3
49 116.5 81.3 151.1



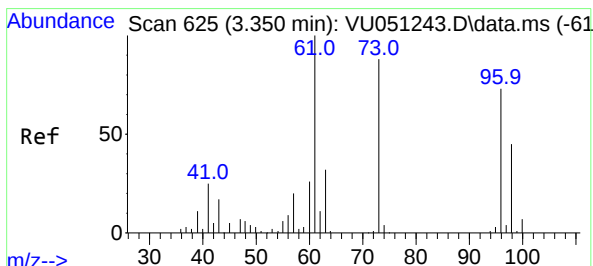
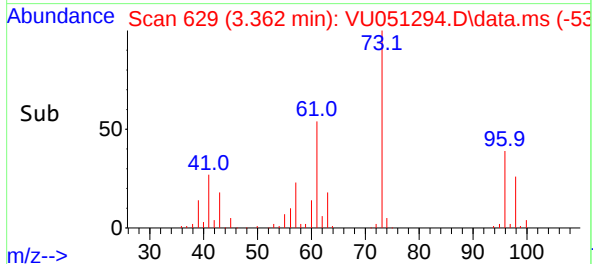
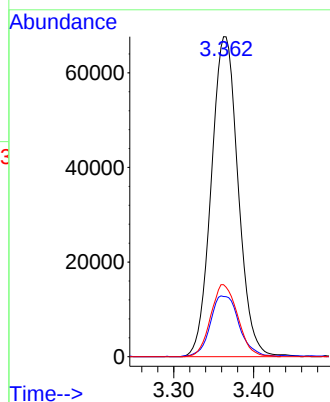
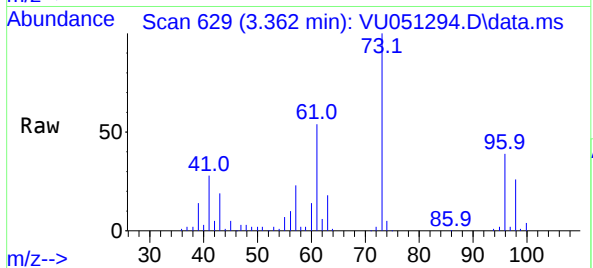


#17
Methyl tert-butyl Ether
Concen: 4.938 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

Tgt Ion: 73 Resp: 157506

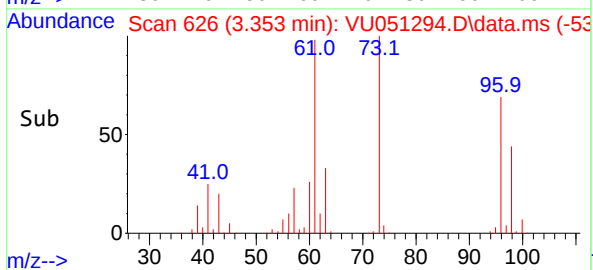
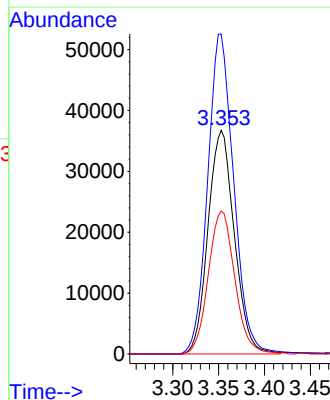
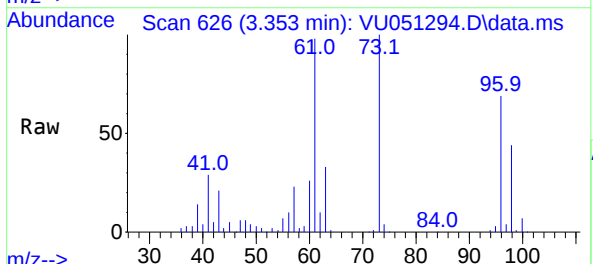
Ion	Ratio	Lower	Upper
73	100		
43	20.5	15.4	23.0
57	22.7	18.9	28.3

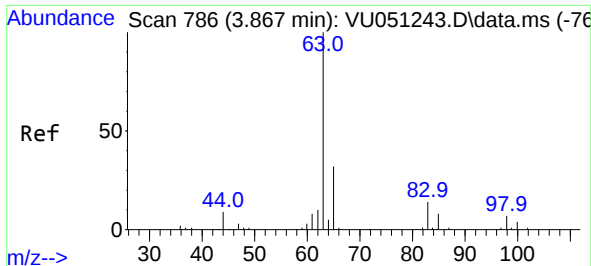


#18
trans-1,2-Dichloroethene
Concen: 5.009 ug/L
RT: 3.353 min Scan# 626
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 96 Resp: 73376

Ion	Ratio	Lower	Upper
96	100		
61	143.1	101.4	188.2
98	63.9	44.9	83.5

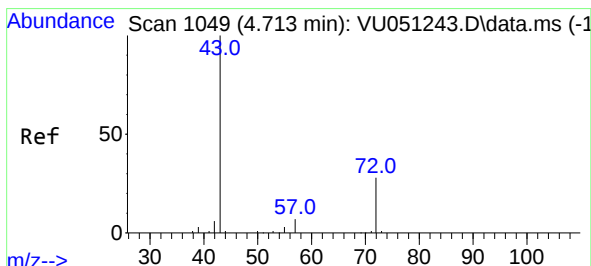
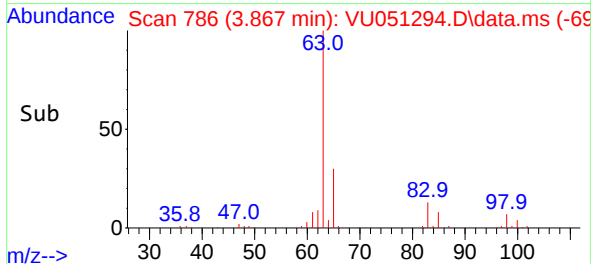
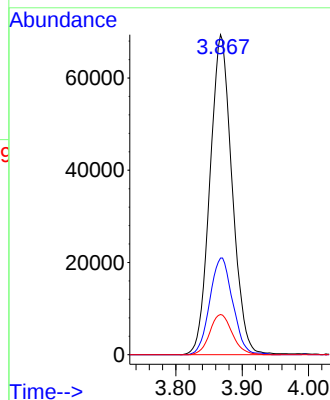
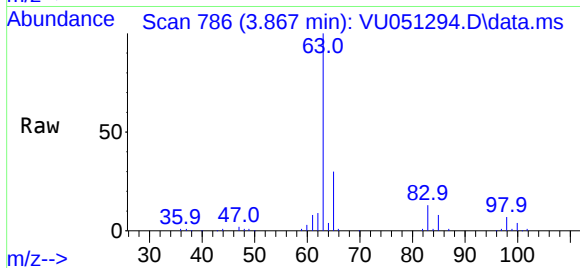




#19
1,1-Dichloroethane
Concen: 5.317 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

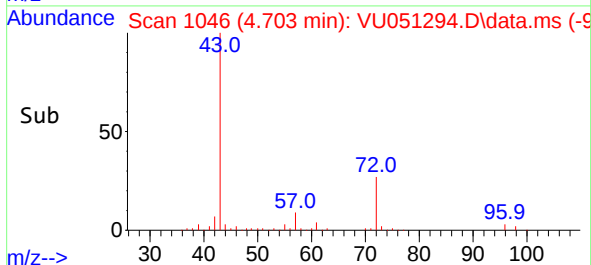
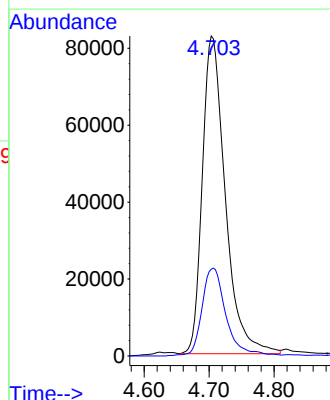
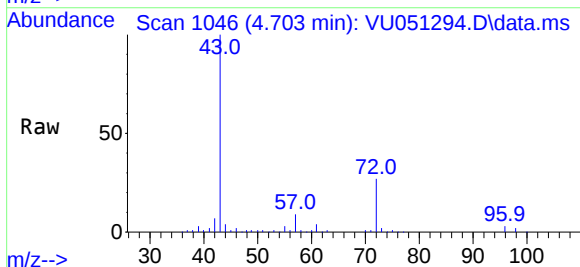
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

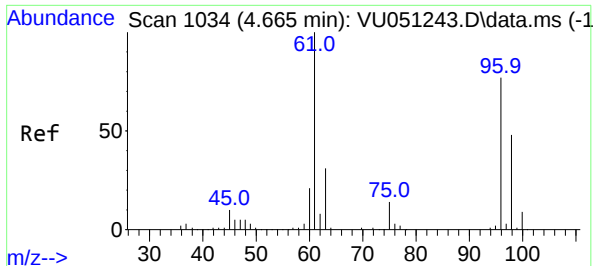
Tgt Ion: 63 Resp: 160736
Ion Ratio Lower Upper
63 100
65 30.2 22.0 41.0
83 12.6 9.0 16.6



#21
2-Butanone
Concen: 50.695 ug/L
RT: 4.703 min Scan# 1046
Delta R.T. -0.010 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 43 Resp: 203217
Ion Ratio Lower Upper
43 100
72 29.0 13.8 41.4

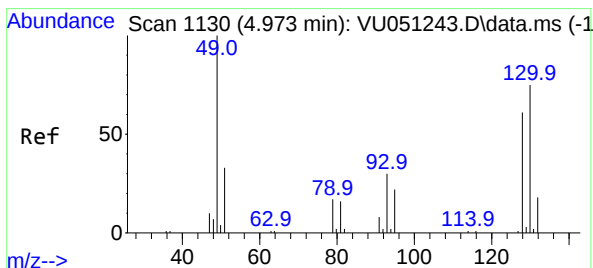
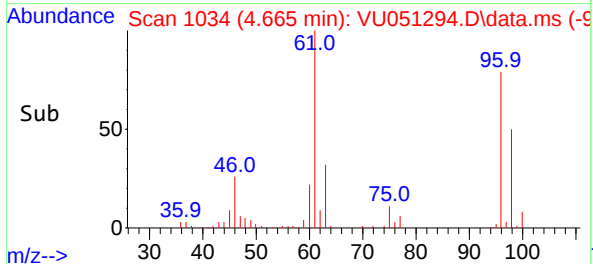
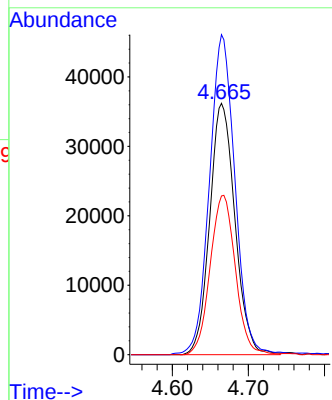
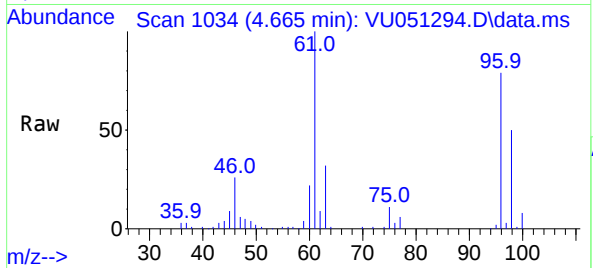




#22
cis-1,2-Dichloroethene
Concen: 5.141 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

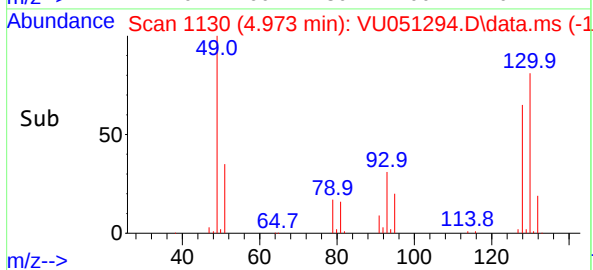
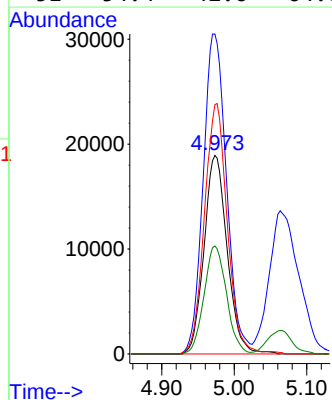
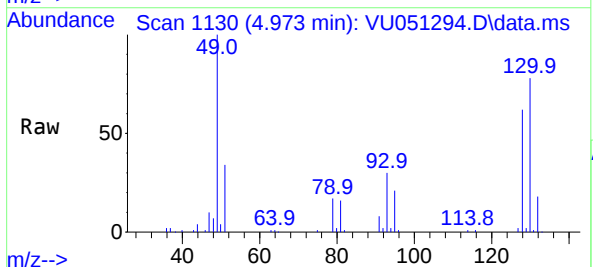
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

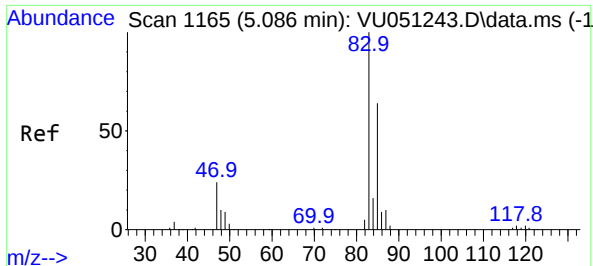
Tgt Ion: 96 Resp: 83426
Ion Ratio Lower Upper
96 100
61 127.3 90.6 168.2
98 63.2 47.5 88.3



#23
Bromochloromethane
Concen: 5.424 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 128 Resp: 41995
Ion Ratio Lower Upper
128 100
49 161.2 118.0 219.2
130 125.7 88.8 164.8
51 54.4 42.6 64.0





#25

Chloroform

Concen: 5.238 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051294.D

Acq: 09 Oct 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

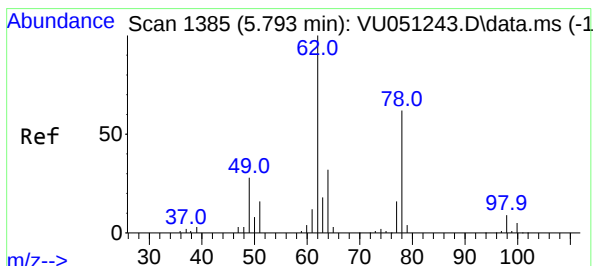
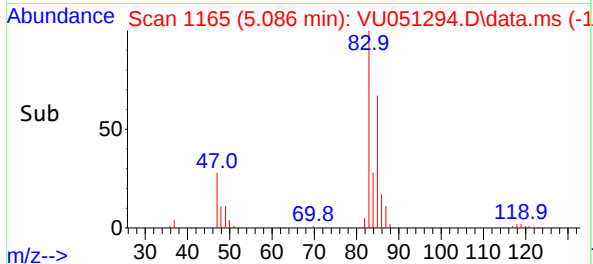
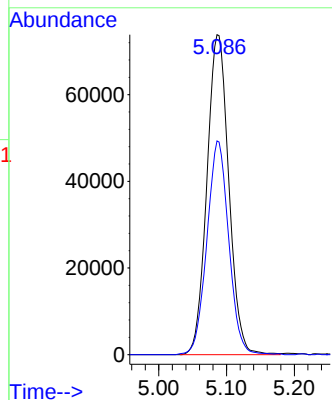
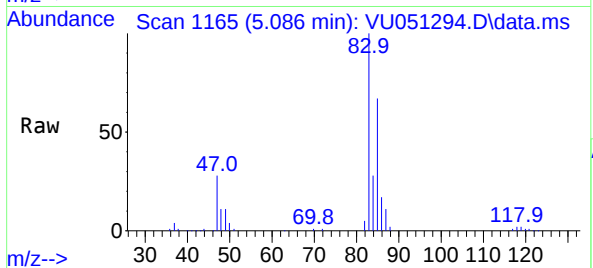
VSTD005168

Tgt Ion: 83 Resp: 165401

Ion Ratio Lower Upper

83 100

85 66.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.450 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051294.D

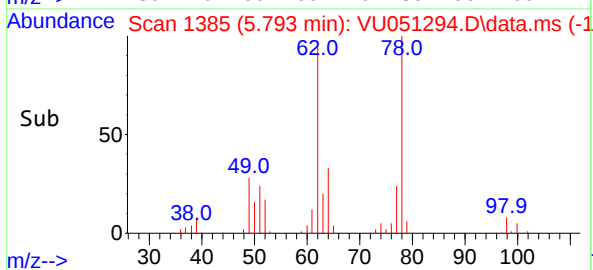
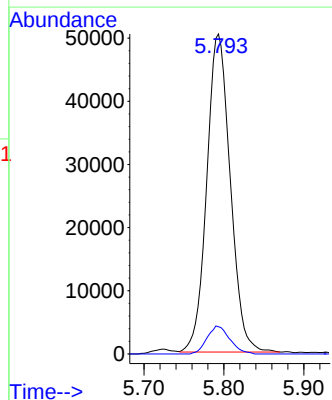
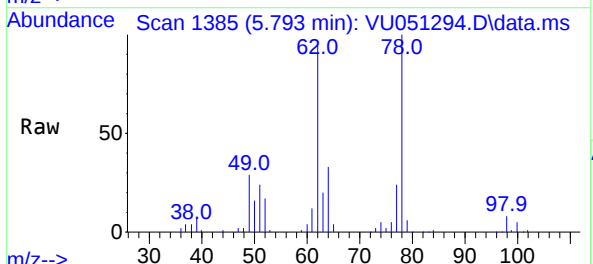
Acq: 09 Oct 2022 00:17

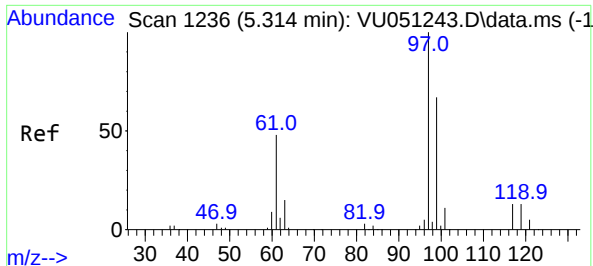
Tgt Ion: 62 Resp: 103089

Ion Ratio Lower Upper

62 100

98 8.5 7.7 11.5

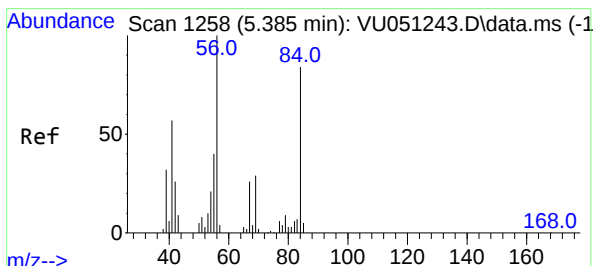
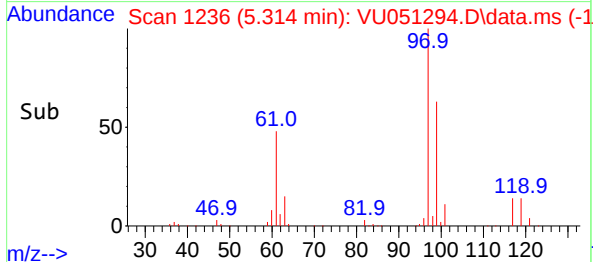
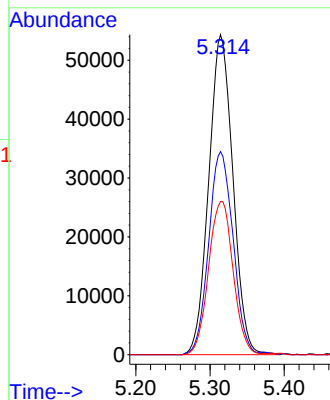
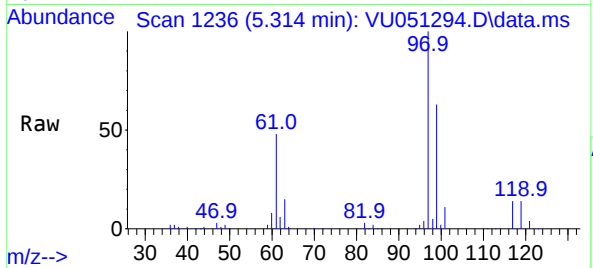




#29
1,1,1-Trichloroethane
Concen: 4.840 ug/L
RT: 5.314 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

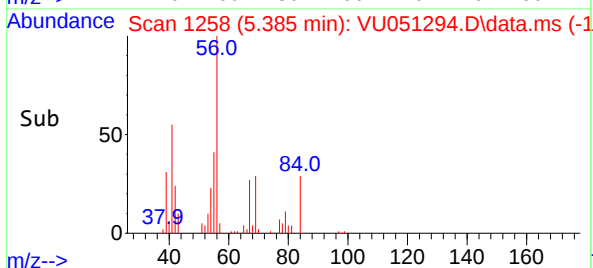
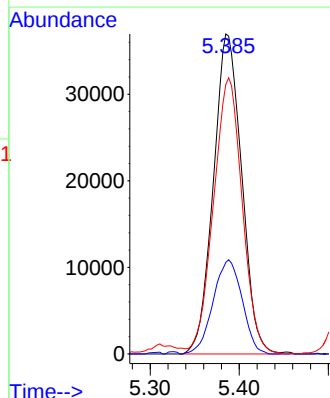
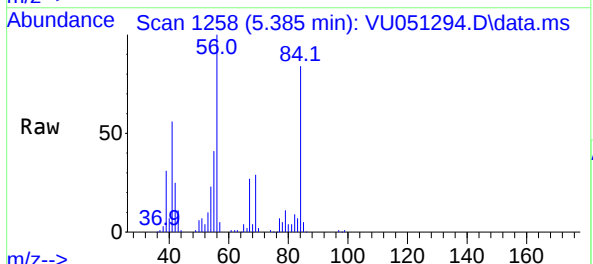
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

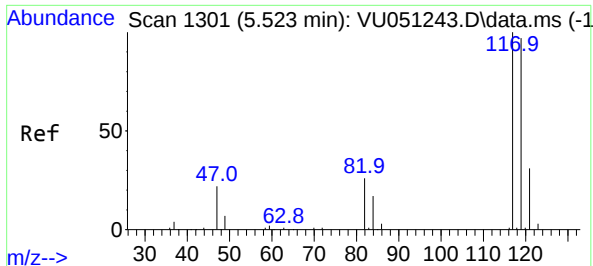
Tgt Ion: 97 Resp: 122756
Ion Ratio Lower Upper
97 100
99 64.1 50.2 75.4
61 48.8 38.7 58.1



#30
Cyclohexane
Concen: 3.786 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 56 Resp: 81448
Ion Ratio Lower Upper
56 100
69 30.2 25.1 37.7
84 87.8 70.9 106.3

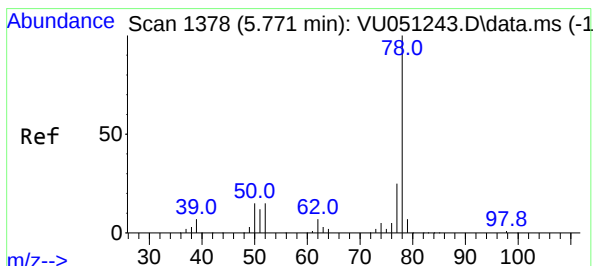
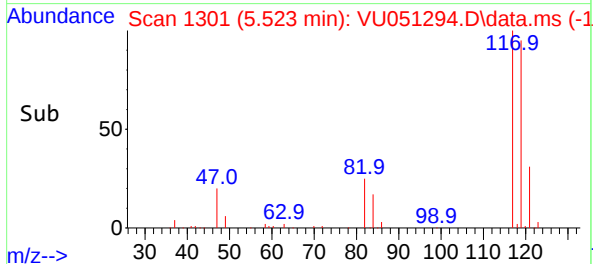
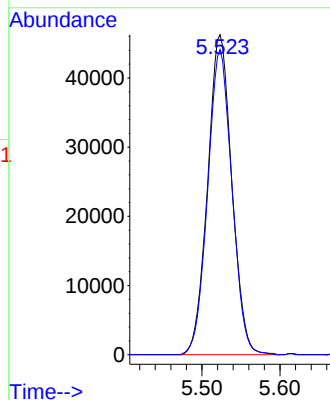
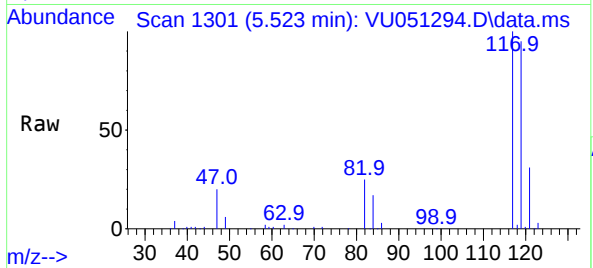




#31
Carbon tetrachloride
Concen: 4.644 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

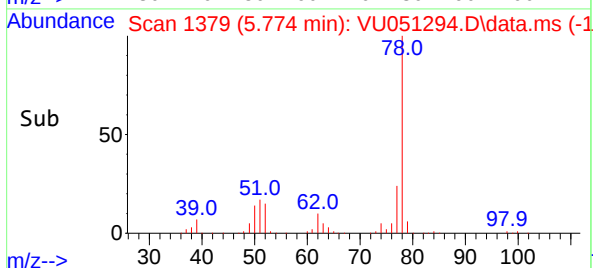
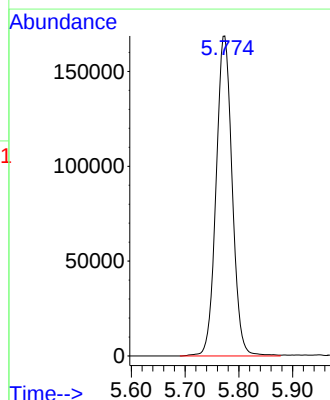
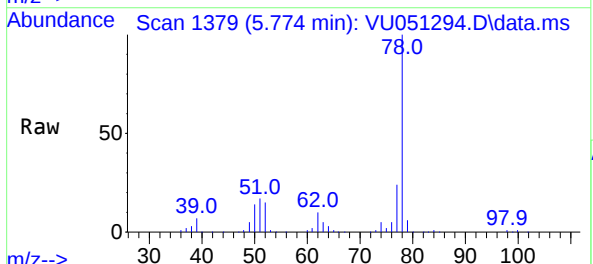
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

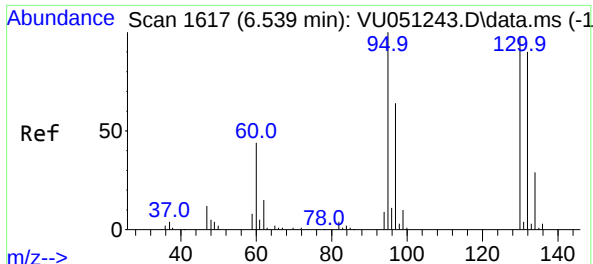
Tgt Ion:117 Resp: 99673
Ion Ratio Lower Upper
117 100
119 95.5 78.4 117.6



#33
Benzene
Concen: 4.966 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 78 Resp: 350991

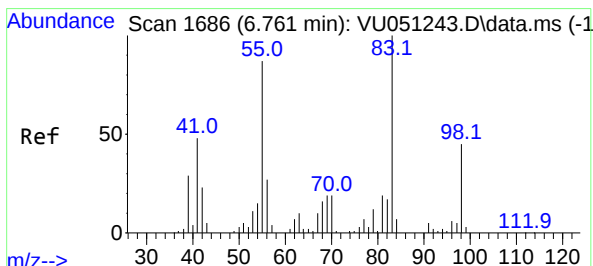
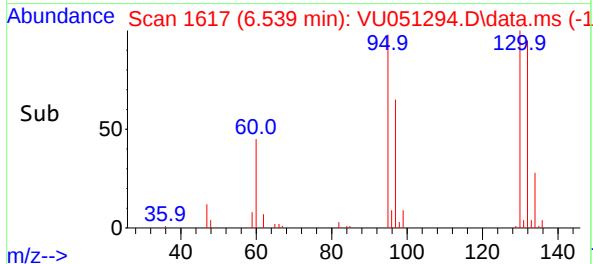
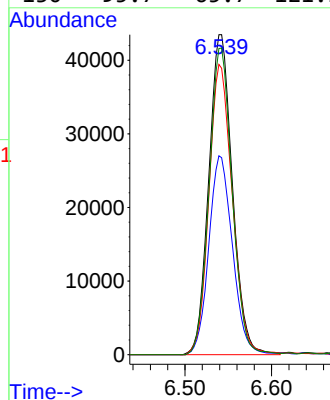
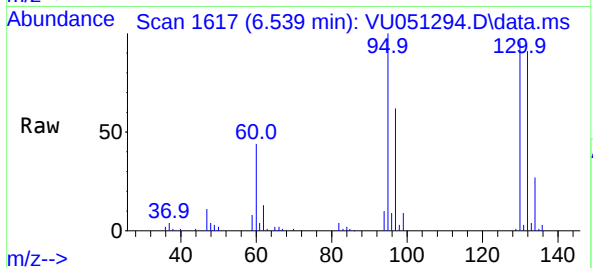




#34
Trichloroethene
Concen: 4.682 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

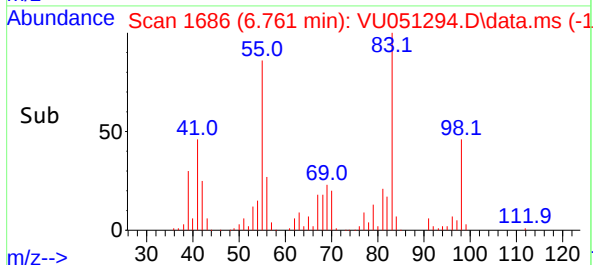
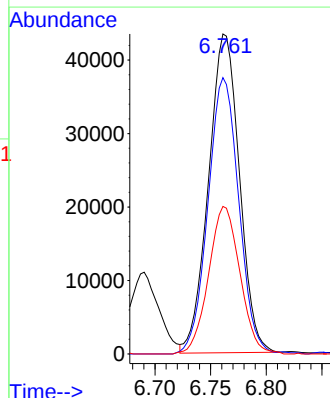
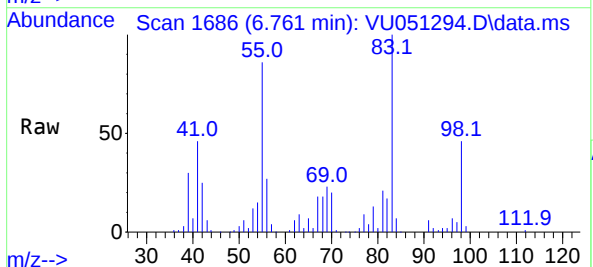
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

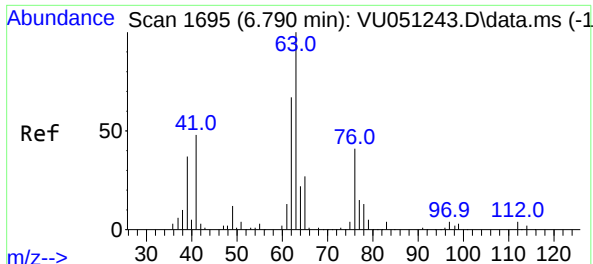
Tgt Ion: 95 Resp: 82542
Ion Ratio Lower Upper
95 100
97 62.1 45.4 84.2
132 90.7 63.1 117.3
130 95.7 65.7 121.9



#35
Methylcyclohexane
Concen: 3.760 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 83 Resp: 83641
Ion Ratio Lower Upper
83 100
55 86.4 65.8 98.6
98 47.0 35.9 53.9

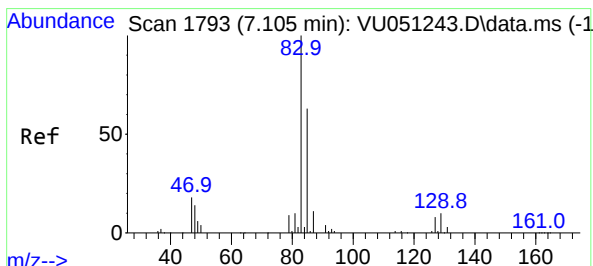
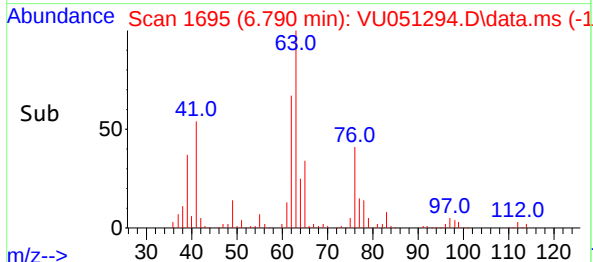
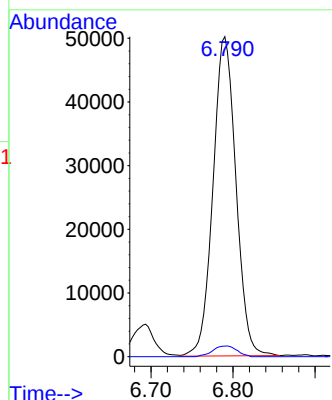
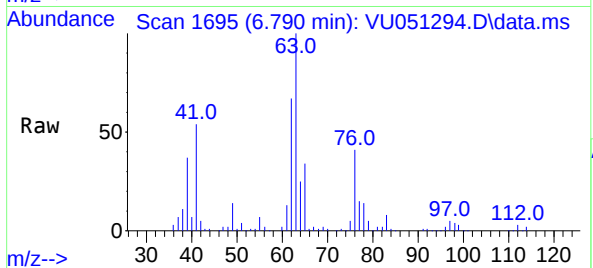




#37
1,2-Dichloropropane
Concen: 5.025 ug/L
RT: 6.790 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

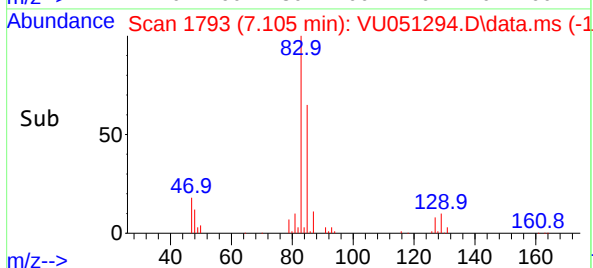
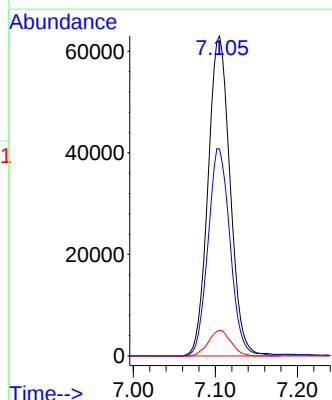
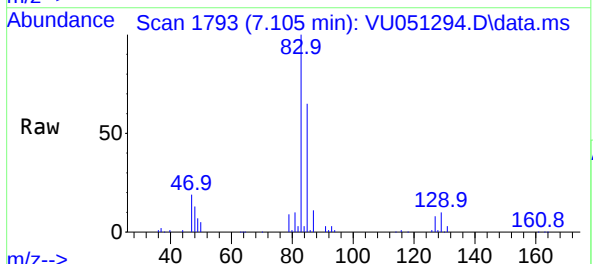
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

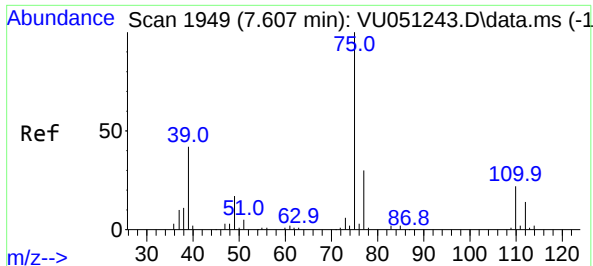
Tgt Ion: 63 Resp: 97338
Ion Ratio Lower Upper
63 100
112 3.6 3.2 4.8



#38
Bromodichloromethane
Concen: 5.095 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 83 Resp: 117734
Ion Ratio Lower Upper
83 100
85 64.7 44.8 83.2
127 8.0 7.0 10.6

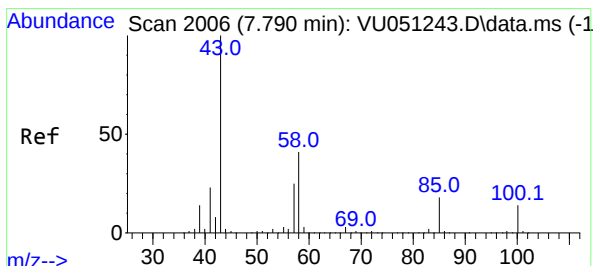
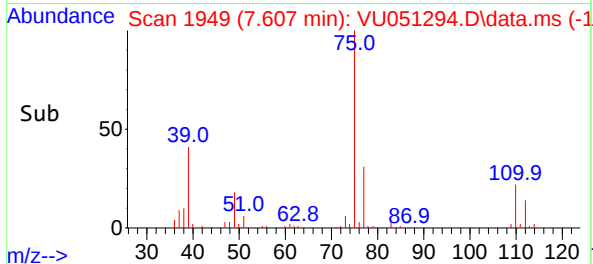
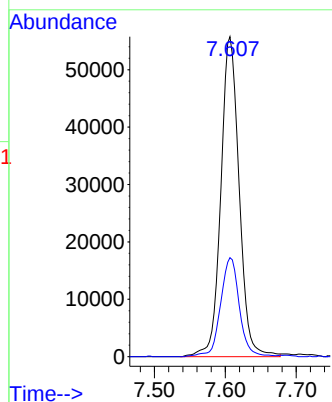
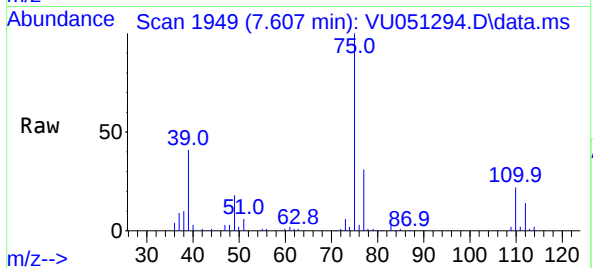




#39
 cis-1,3-Dichloropropene
 Concen: 4.308 ug/L
 RT: 7.607 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

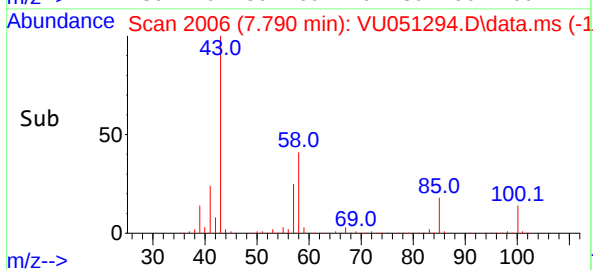
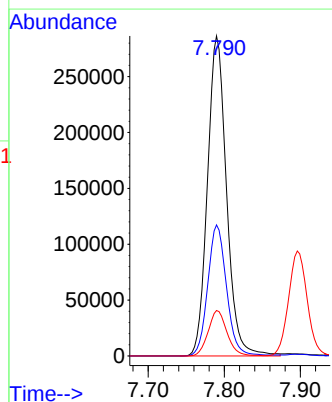
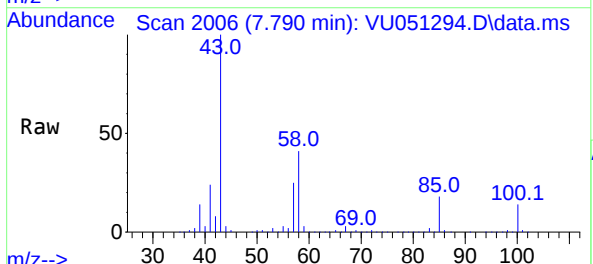
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

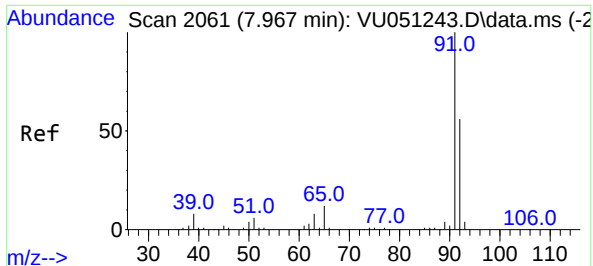
Tgt Ion: 75 Resp: 100314
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 49.147 ug/L
 RT: 7.790 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

Tgt Ion: 43 Resp: 499472
 Ion Ratio Lower Upper
 43 100
 58 40.3 33.0 49.6
 100 14.0 11.8 17.6





#42

Toluene

Concen: 4.873 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VU051294.D

Acq: 09 Oct 2022 00:17

Instrument :

MSVOA_U

ClientSampleId :

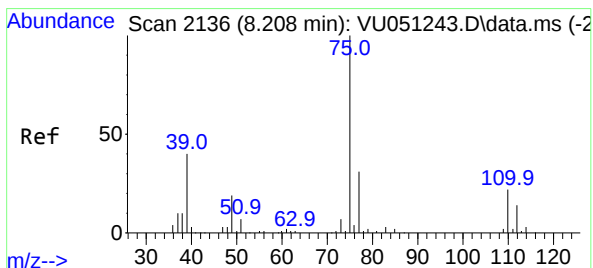
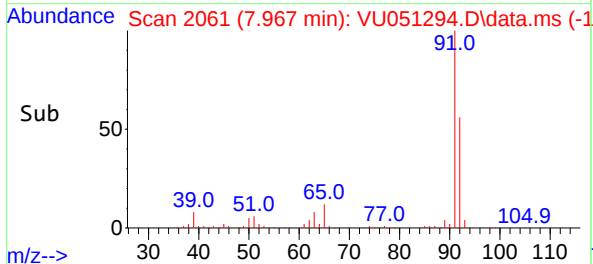
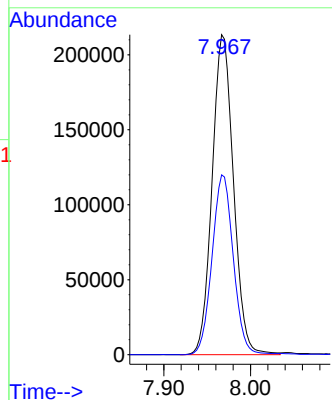
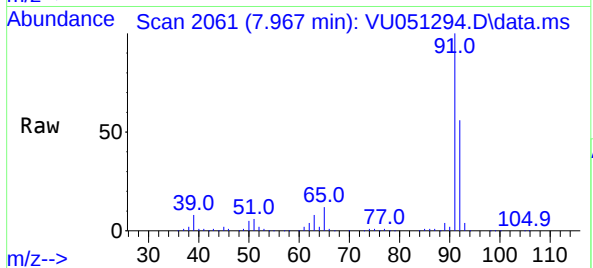
VSTD005168

Tgt Ion: 91 Resp: 365547

Ion Ratio Lower Upper

91 100

92 56.2 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 4.525 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. -0.000 min

Lab File: VU051294.D

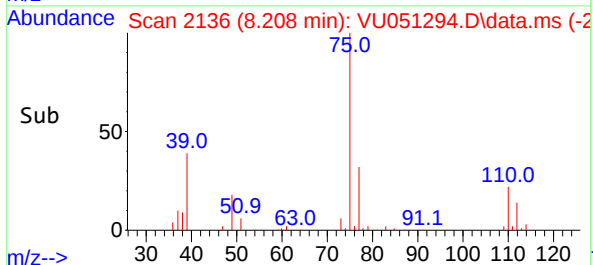
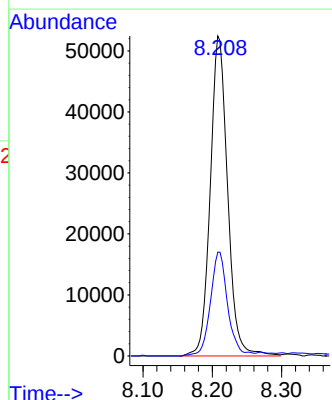
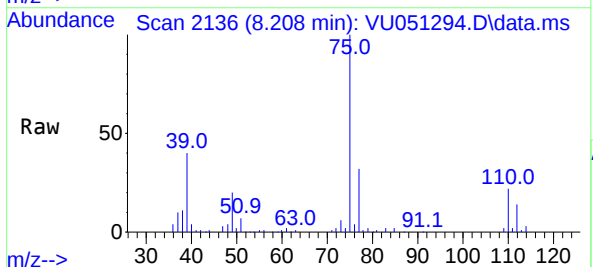
Acq: 09 Oct 2022 00:17

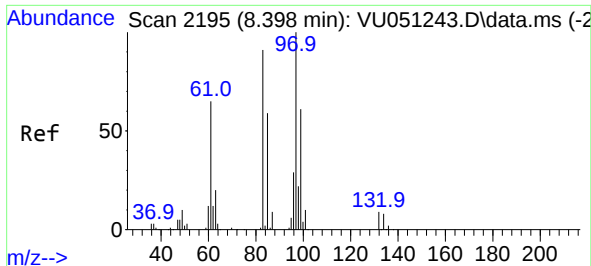
Tgt Ion: 75 Resp: 91100

Ion Ratio Lower Upper

75 100

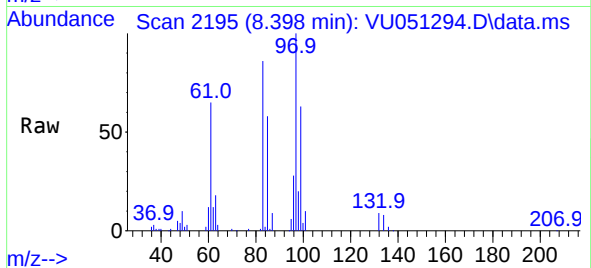
77 32.5 21.8 40.6





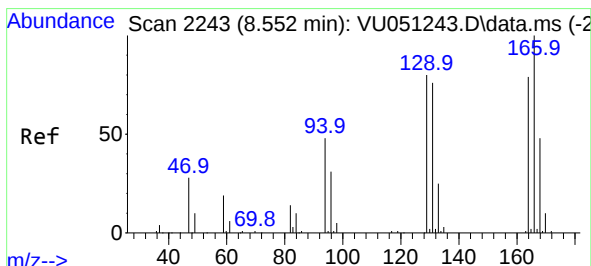
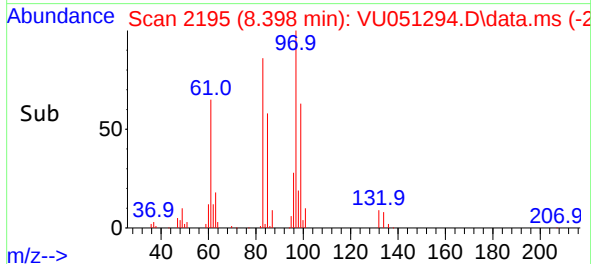
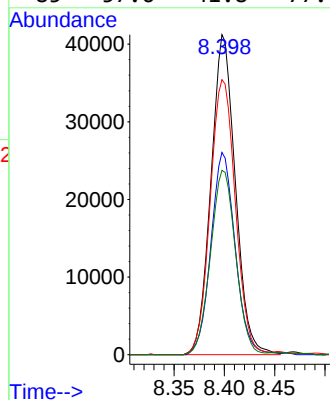
#45
1,1,2-Trichloroethane
Concen: 5.109 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168



Tgt Ion: 97 Resp: 69488

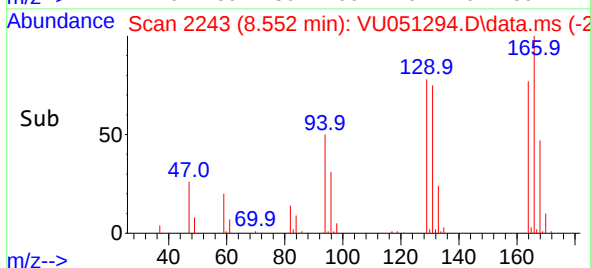
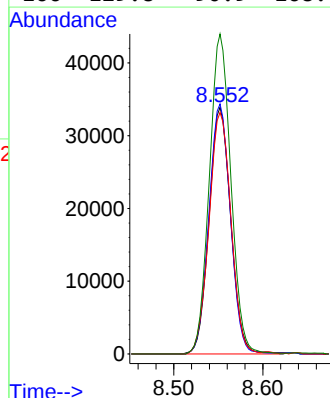
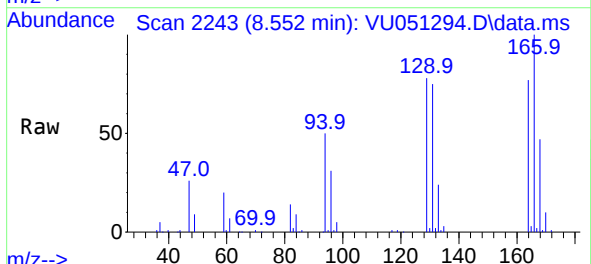
Ion	Ratio	Lower	Upper
97	100		
99	63.2	45.3	84.1
83	85.9	63.1	117.1
85	57.6	41.8	77.6

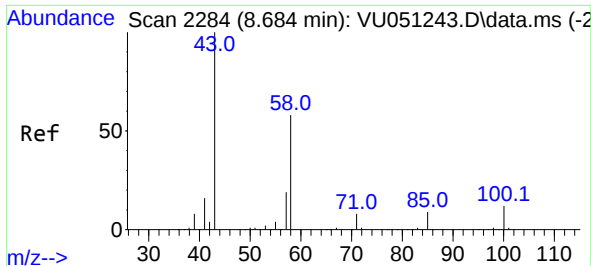


#47
Tetrachloroethene
Concen: 4.415 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 164 Resp: 57226

Ion	Ratio	Lower	Upper
164	100		
129	101.4	71.3	132.3
131	97.9	66.9	124.3
166	129.8	90.9	168.7

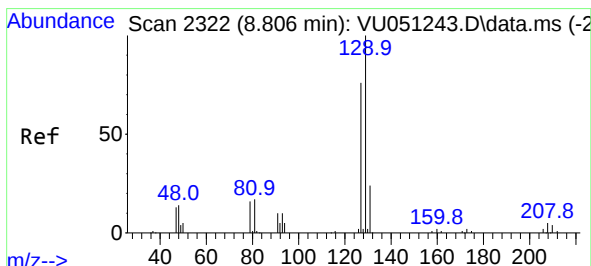
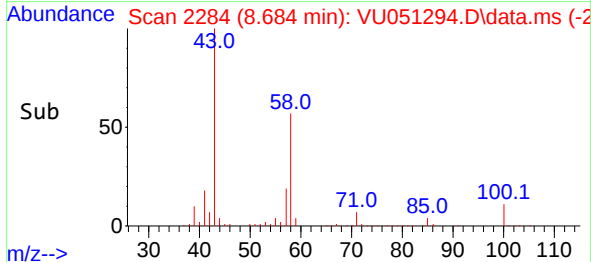
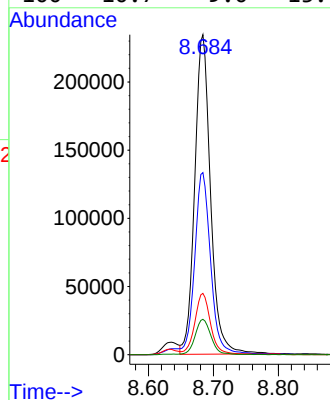
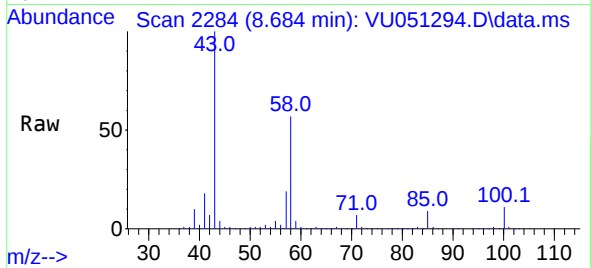




#48
2-Hexanone
Concen: 52.718 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

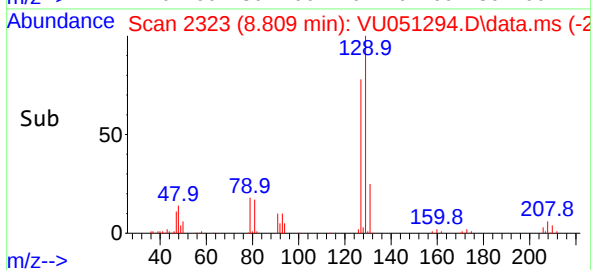
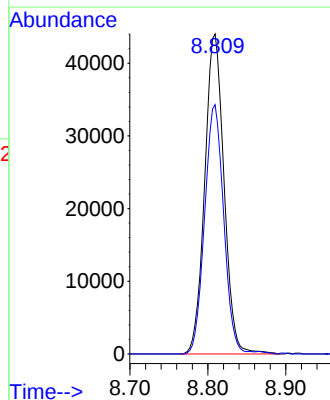
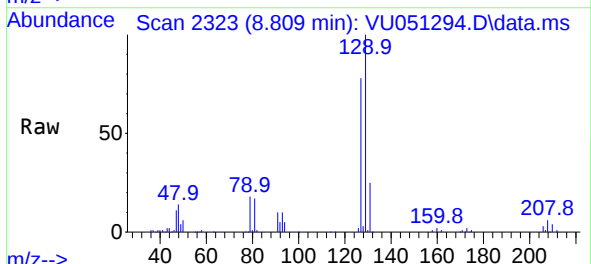
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

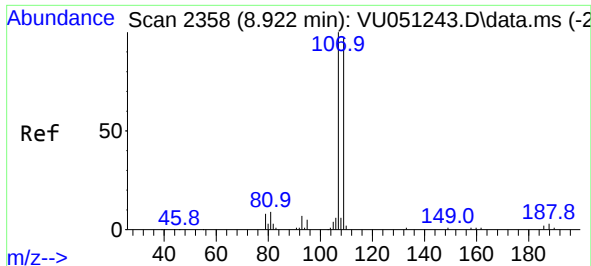
Tgt Ion: 43 Resp: 398919
Ion Ratio Lower Upper
43 100
58 56.6 48.2 72.2
57 18.9 15.5 23.3
100 10.7 9.0 13.4



#49
Dibromochloromethane
Concen: 4.963 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 129 Resp: 75800
Ion Ratio Lower Upper
129 100
127 77.9 53.5 99.3

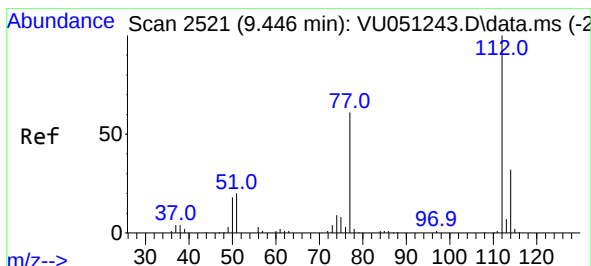
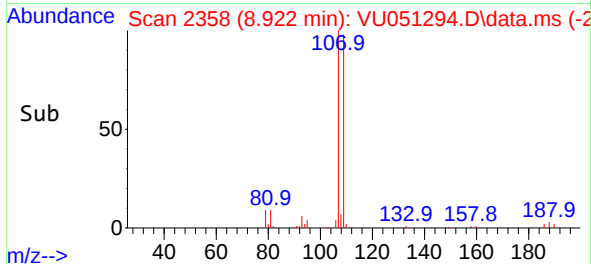
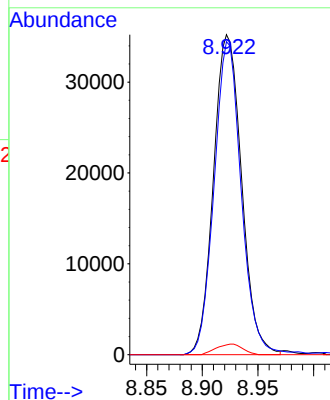
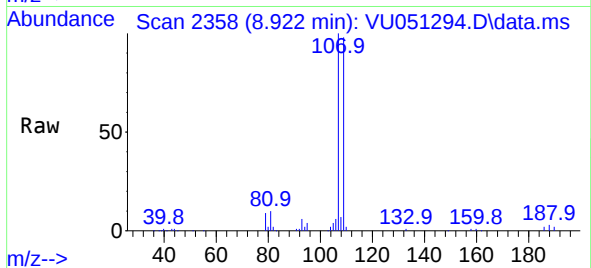




#50
1,2-Dibromoethane
Concen: 5.098 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

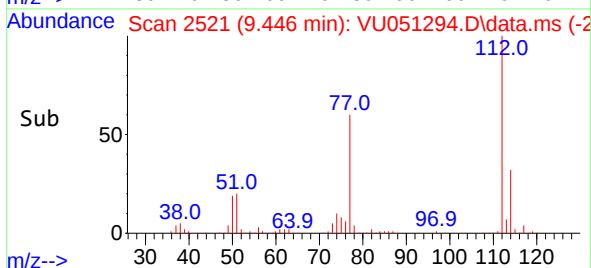
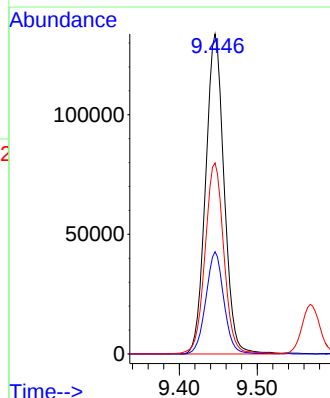
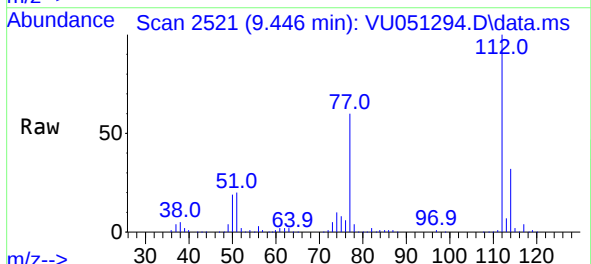
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

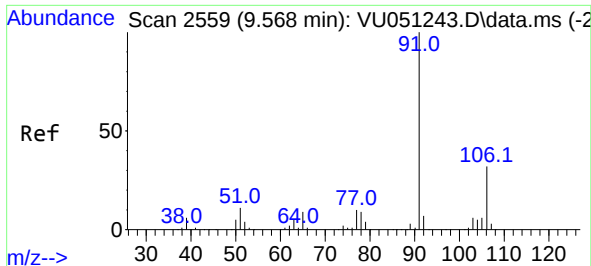
Tgt Ion:107 Resp: 61719
Ion Ratio Lower Upper
107 100
109 97.8 67.1 124.7
188 3.1 2.5 3.7



#51
Chlorobenzene
Concen: 4.926 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:112 Resp: 220782
Ion Ratio Lower Upper
112 100
114 31.9 22.3 41.5
77 59.7 48.1 72.1

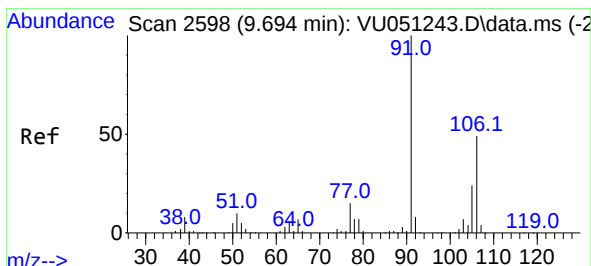
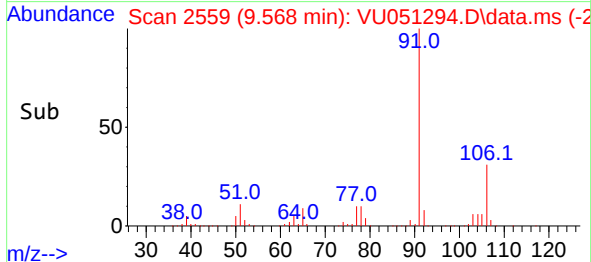
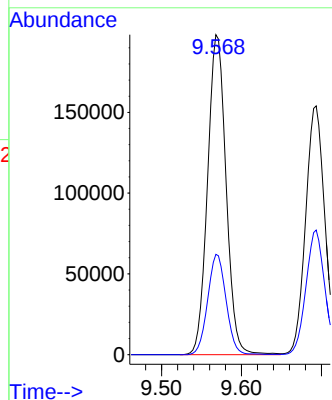
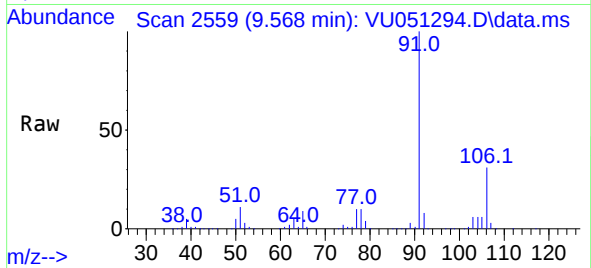




#52
Ethylbenzene
Concen: 4.739 ug/L
RT: 9.568 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

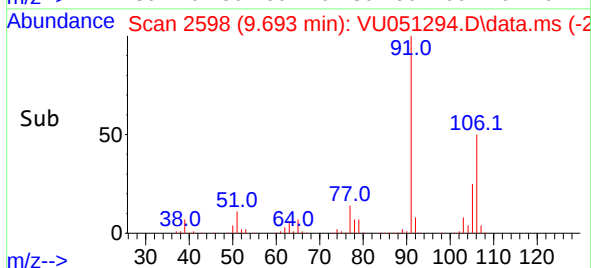
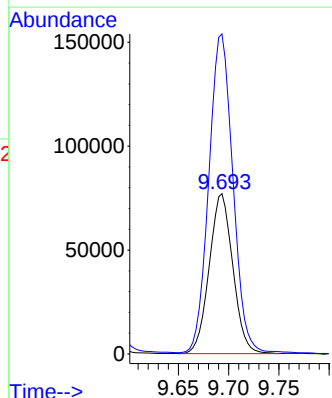
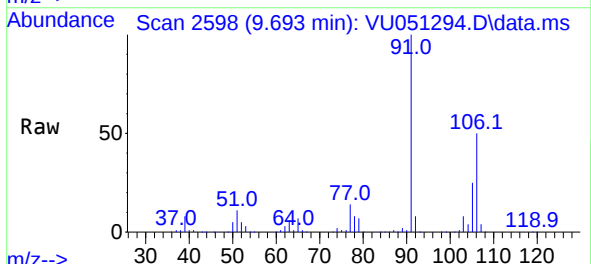
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

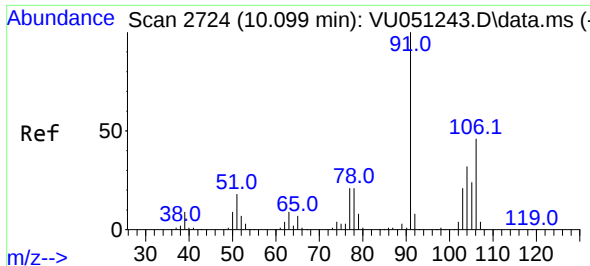
Tgt Ion: 91 Resp: 319485
Ion Ratio Lower Upper
91 100
106 31.3 20.9 38.7



#53
m,p-Xylene
Concen: 4.810 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 106 Resp: 125753
Ion Ratio Lower Upper
106 100
91 199.7 143.9 267.3

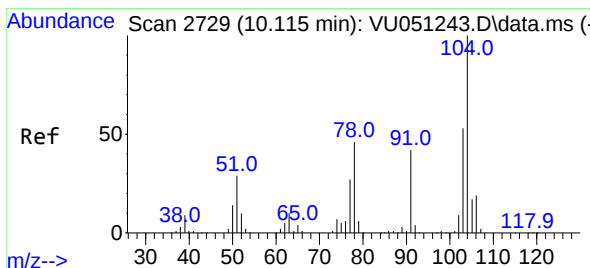
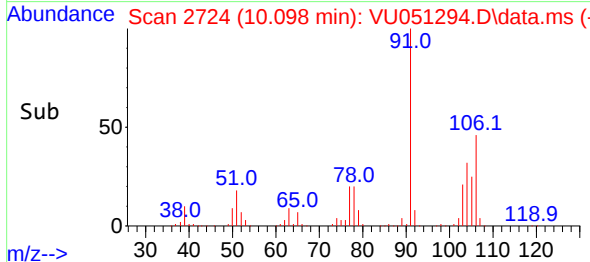
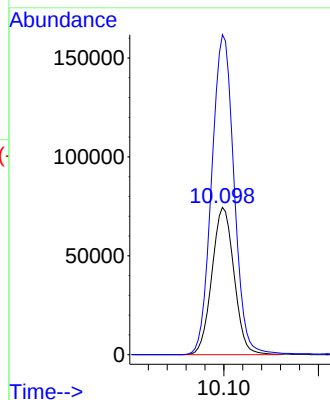
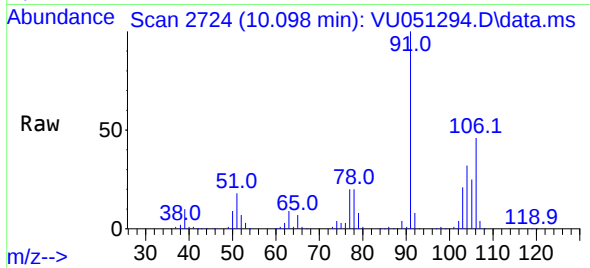




#54
o-Xylene
Concen: 4.901 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

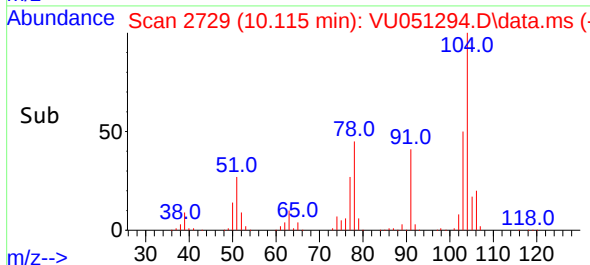
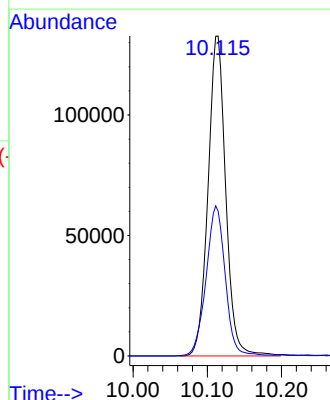
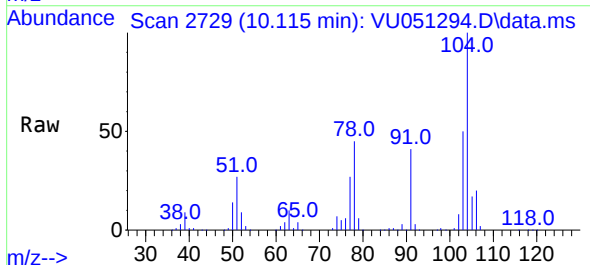
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

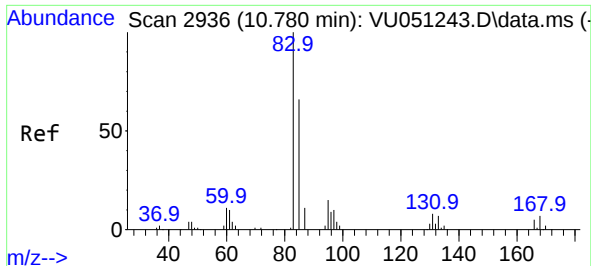
Tgt Ion:106 Resp: 121233
Ion Ratio Lower Upper
106 100
91 217.2 154.4 286.8



#55
Styrene
Concen: 5.156 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:104 Resp: 219589
Ion Ratio Lower Upper
104 100
78 45.3 32.1 59.7

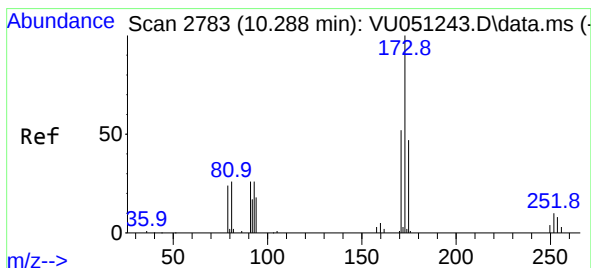
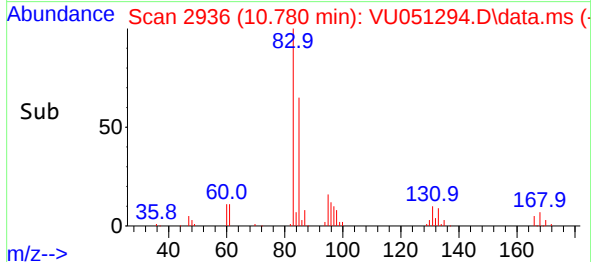
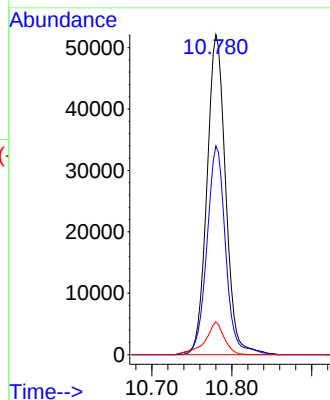
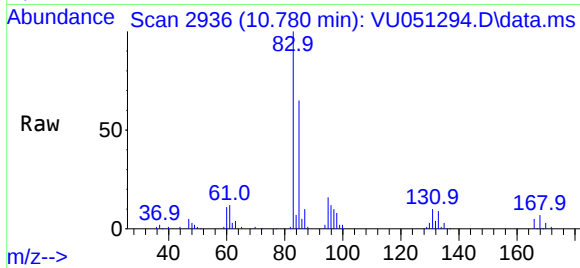




#57
1,1,2,2-Tetrachloroethane
Concen: 5.031 ug/L
RT: 10.780 min Scan# 2936
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

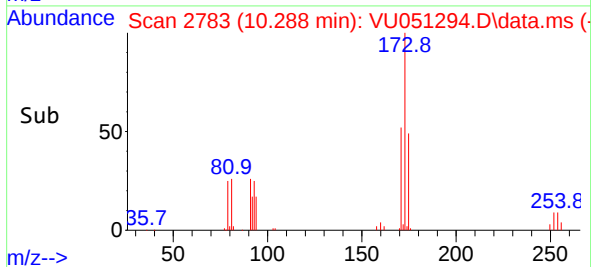
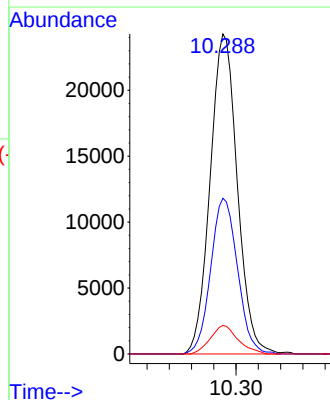
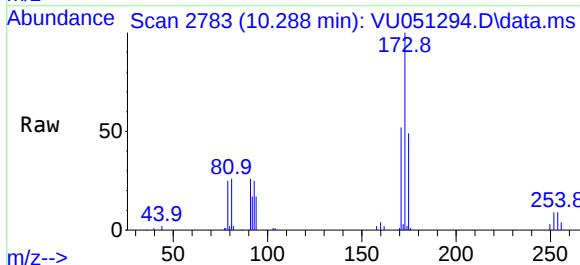
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

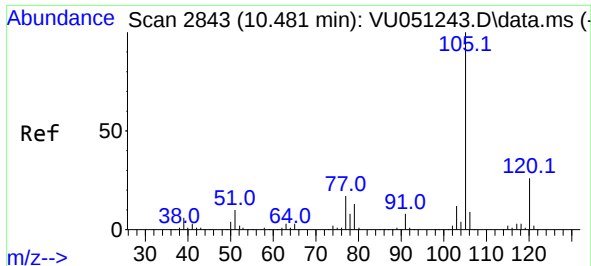
Tgt Ion: 83 Resp: 84704
Ion Ratio Lower Upper
83 100
85 65.2 45.9 85.3
131 10.3 7.4 11.2



#59
Bromoform
Concen: 4.508 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:173 Resp: 41084
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 9.1 7.5 11.3

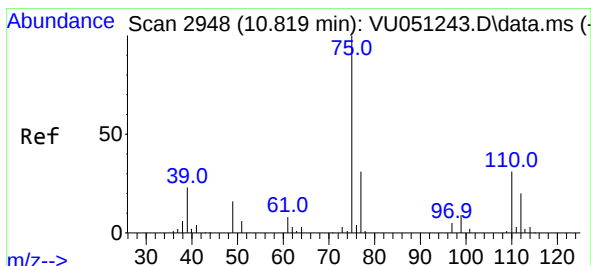
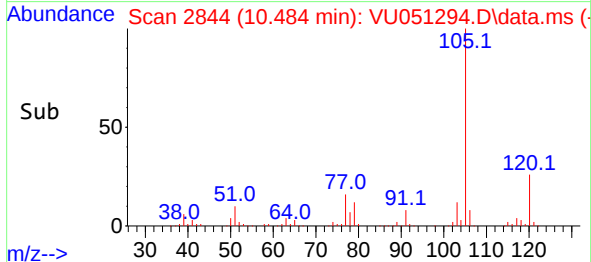
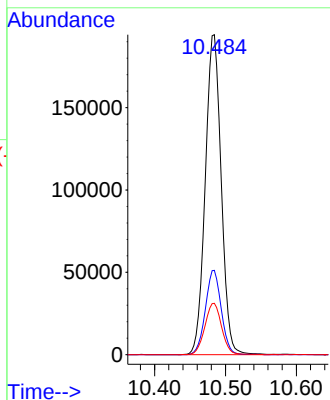
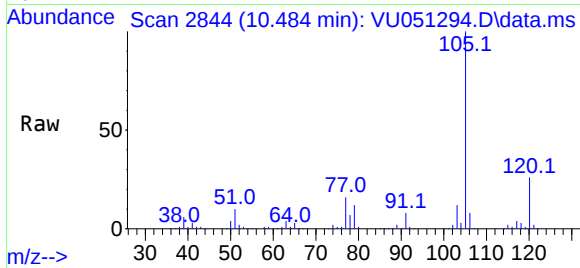




#60
Isopropylbenzene
Concen: 4.374 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

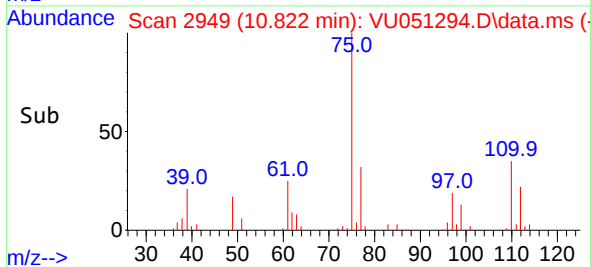
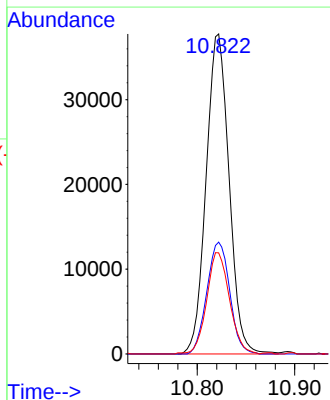
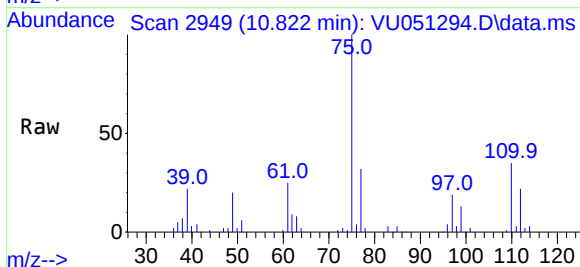
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

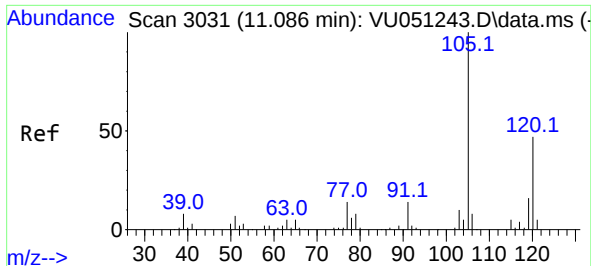
Tgt Ion:105 Resp: 303520
Ion Ratio Lower Upper
105 100
120 26.2 20.6 30.8
77 17.0 13.5 20.3



#61
1,2,3-Trichloropropane
Concen: 4.469 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 75 Resp: 61814
Ion Ratio Lower Upper
75 100
110 34.8 27.0 40.6
77 31.5 26.4 39.6

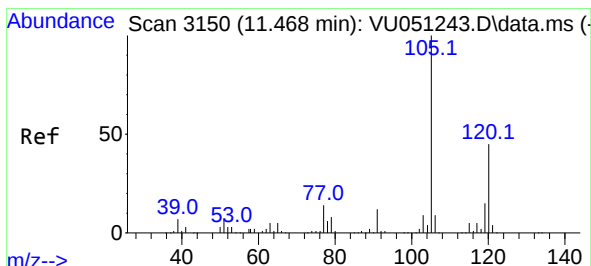
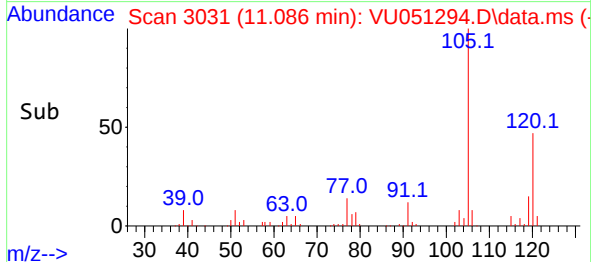
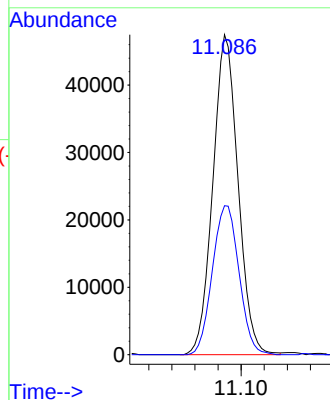
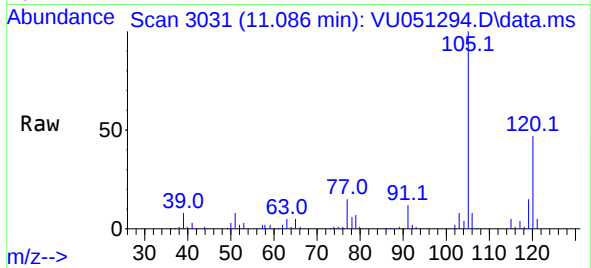




#62
1,3,5-Trimethylbenzene
Concen: 3.904 ug/L
RT: 11.086 min Scan# 3031
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

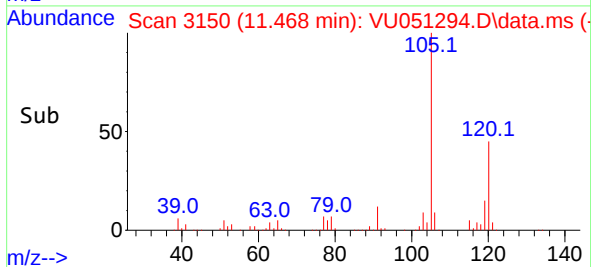
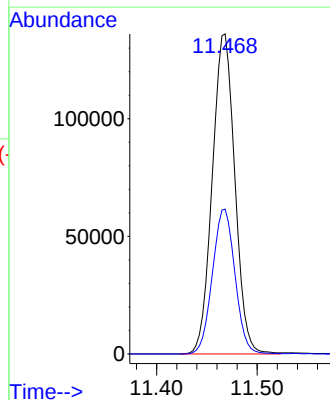
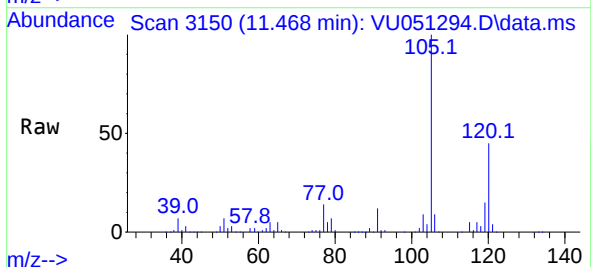
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

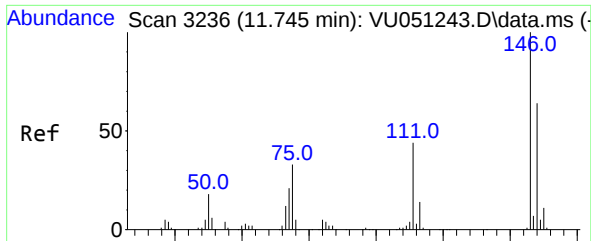
Tgt Ion:105 Resp: 71854
Ion Ratio Lower Upper
105 100
120 49.3 37.7 56.5



#63
1,2,4-Trimethylbenzene
Concen: 4.082 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:105 Resp: 212495
Ion Ratio Lower Upper
105 100
120 45.2 35.6 53.4

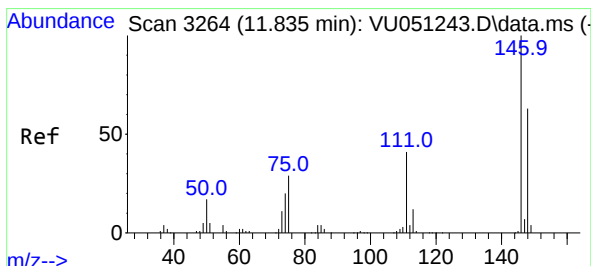
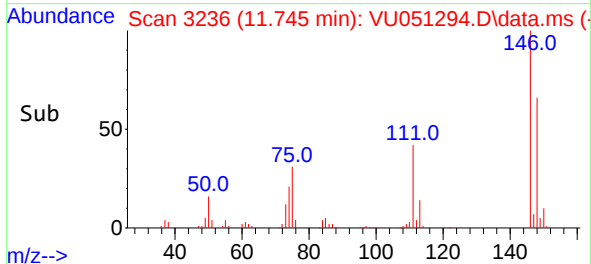
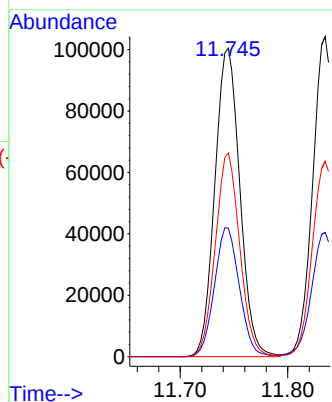
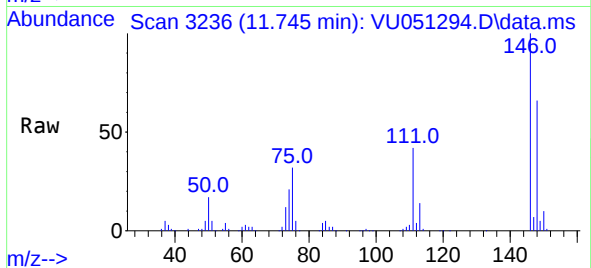




#64
1,3-Dichlorobenzene
Concen: 4.734 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

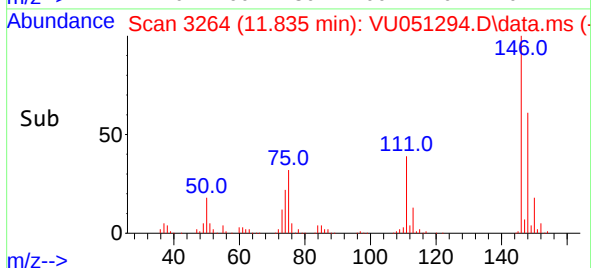
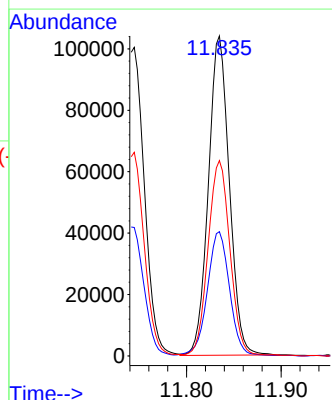
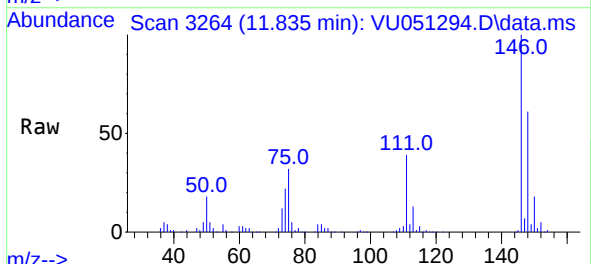
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

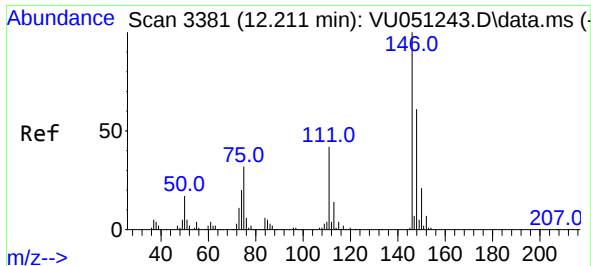
Tgt Ion:146 Resp: 162482
Ion Ratio Lower Upper
146 100
111 41.6 28.3 52.7
148 66.0 43.8 81.4



#65
1,4-Dichlorobenzene
Concen: 4.728 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:146 Resp: 159950
Ion Ratio Lower Upper
146 100
111 38.8 29.1 54.1
148 61.1 44.2 82.0

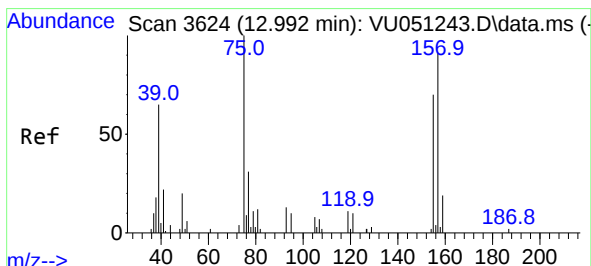
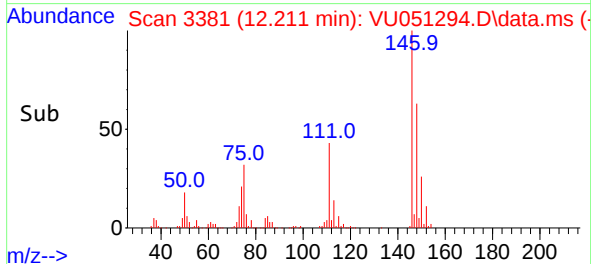
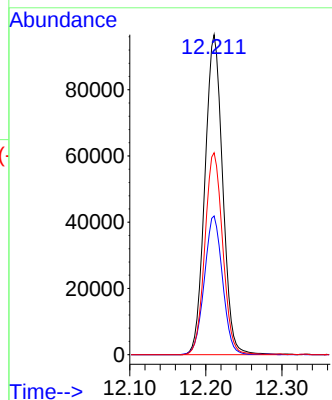
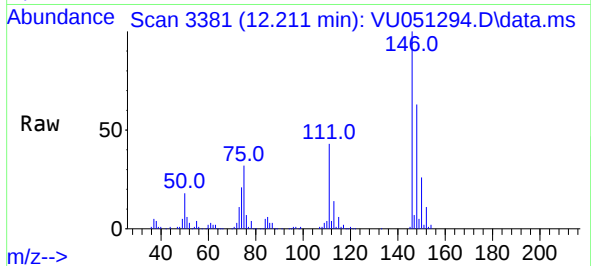




#67
1,2-Dichlorobenzene
Concen: 4.692 ug/L
RT: 12.211 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

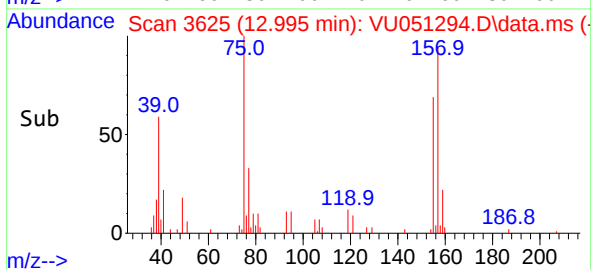
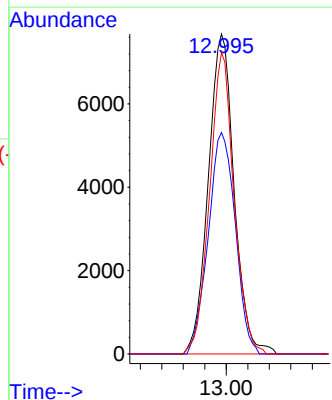
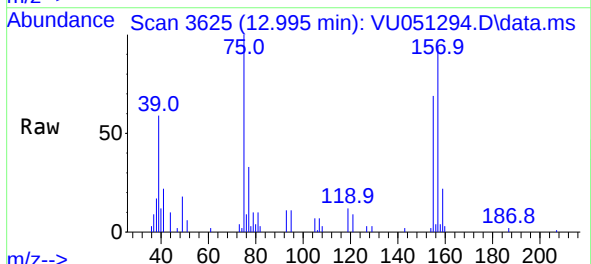
Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

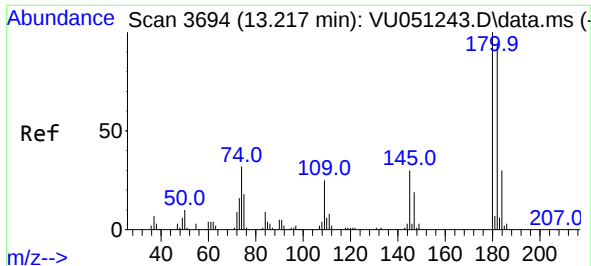
Tgt Ion:146 Resp: 156551
Ion Ratio Lower Upper
146 100
111 43.3 35.5 53.3
148 63.1 50.9 76.3



#68
1,2-Dibromo-3-chloropropane
Concen: 4.839 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. 0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion: 75 Resp: 12803
Ion Ratio Lower Upper
75 100
155 69.2 62.7 94.1
157 94.2 78.3 117.5



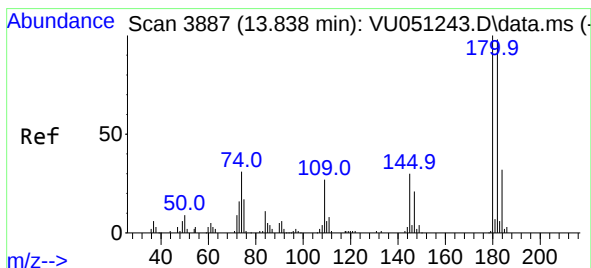
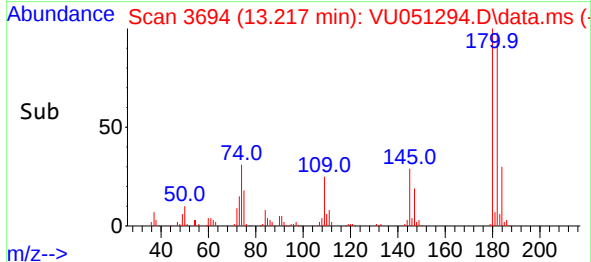
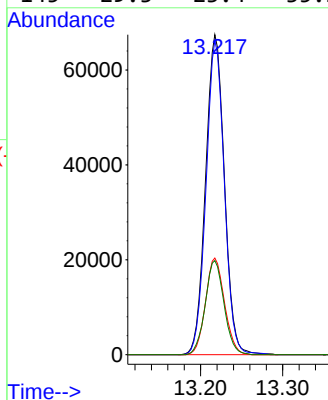
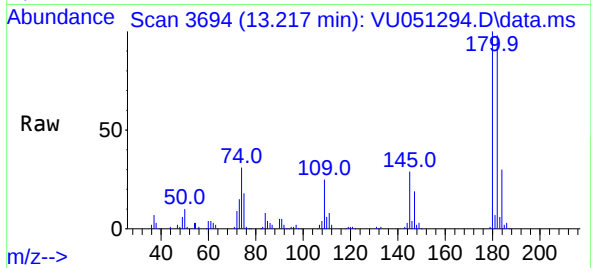


#69
 1,3,5-Trichlorobenzene
 Concen: 4.548 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005168

Tgt Ion:180 Resp: 107590

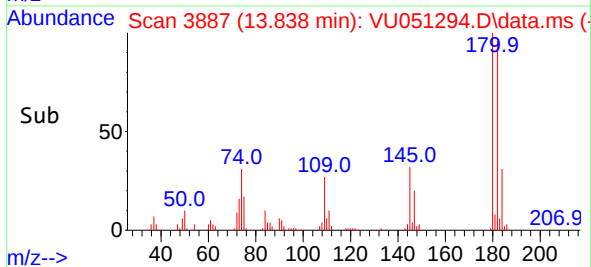
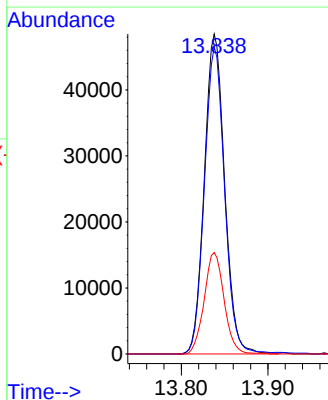
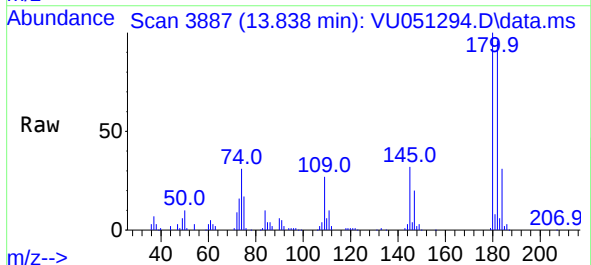
Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.7	116.5
184	30.4	23.6	35.4
145	29.3	23.4	35.2

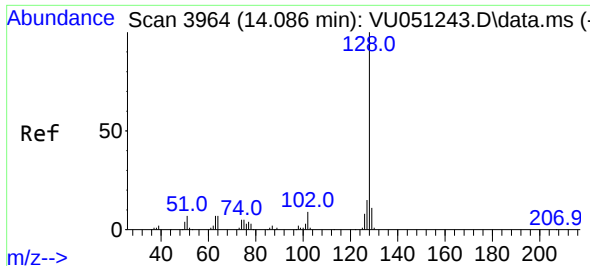


#70
 1,2,4-trichlorobenzene
 Concen: 4.699 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051294.D
 Acq: 09 Oct 2022 00:17

Tgt Ion:180 Resp: 79002

Ion	Ratio	Lower	Upper
180	100		
182	95.0	78.7	118.1
145	31.0	25.0	37.4

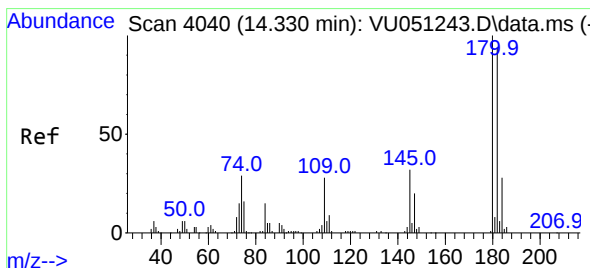
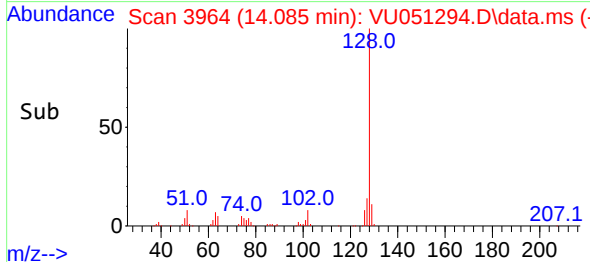
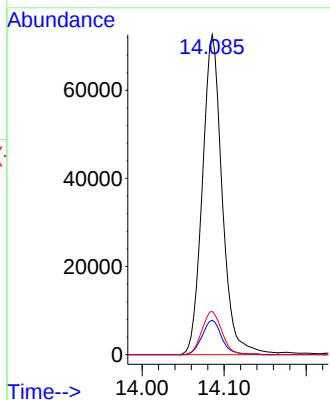
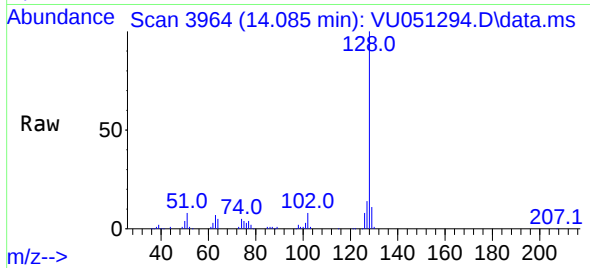




#71
Naphthalene
Concen: 3.908 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005168

Tgt Ion:128 Resp: 122144
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.7 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.580 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.003 min
Lab File: VU051294.D
Acq: 09 Oct 2022 00:17

Tgt Ion:180 Resp: 79661
Ion Ratio Lower Upper
180 100
182 94.4 76.6 114.8
145 31.5 25.8 38.8

