

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031821\
 Data File : VX021280.D
 Acq On : 18 Mar 2021 14:52
 Operator : JC/MD
 Sample : VSTD005EC
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005309

Quant Time: Mar 19 01:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	59294	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	55704	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	27454	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.387	65	18023	4.86	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	97.20%		
7) Chloroethane-d5	1.693	69	14107	4.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	96.20%		
11) 1,1-Dichloroethene-d2	2.340	63	42522	4.91	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	98.20%		
20) 2-Butanone-d5	4.523	46	49638	48.69	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	97.38%		
24) Chloroform-d	5.141	84	40260	4.92	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.40%		
26) 1,2-Dichloroethane-d4	6.029	65	22143	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.20%		
32) Benzene-d6	6.041	84	73039	4.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.20%		
36) 1,2-Dichloropropane-d6	7.365	67	22743	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.40%		
41) Toluene-d8	8.694	98	69902	4.72	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.40%		
43) trans-1,3-Dichloroprop...	8.994	79	9696	4.63	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	92.60%		
46) 2-Hexanone-d5	9.424	63	40013	48.48	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	96.96%		
56) 1,1,2,2-Tetrachloroeth...	11.230	84	16887	4.73	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	94.60%		
66) 1,2-Dichlorobenzene-d4	12.359	152	24128	4.72	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	94.40%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.181	85	35766	5.16	ug/L	99
3) Chloromethane	1.311	50	33003	4.81	ug/L	99
5) Vinyl chloride	1.393	62	26613	4.97	ug/L	99
6) Bromomethane	1.629	94	10643	4.86	ug/L	100
8) Chloroethane	1.711	64	15158	4.99	ug/L	96
9) Trichlorofluoromethane	1.917	101	40663	5.16	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	23405	5.15	ug/L	94
12) 1,1-Dichloroethene	2.352	96	21367	5.11	ug/L	82
13) Acetone	2.417	43	36384	50.95	ug/L	86
14) Carbon disulfide	2.546	76	69133	4.95	ug/L	100
15) Methyl Acetate	2.746	43	9251	4.69	ug/L #	90
16) Methylene chloride	2.829	84	25061	4.74	ug/L	87
17) Methyl tert-butyl Ether	3.164	73	53940	5.08	ug/L #	92
18) trans-1,2-Dichloroethene	3.140	96	22522	5.06	ug/L	91
19) 1,1-Dichloroethane	3.664	63	42442	5.13	ug/L	98
21) 2-Butanone	4.629	43	58853	50.29	ug/L	91
22) cis-1,2-Dichloroethene	4.558	96	23818	5.00	ug/L	90
23) Bromochloromethane	4.970	128	10357	5.38	ug/L	84
25) Chloroform	5.170	83	44342	5.09	ug/L	99
27) 1,2-Dichloroethane	6.159	62	30299	5.10	ug/L #	93

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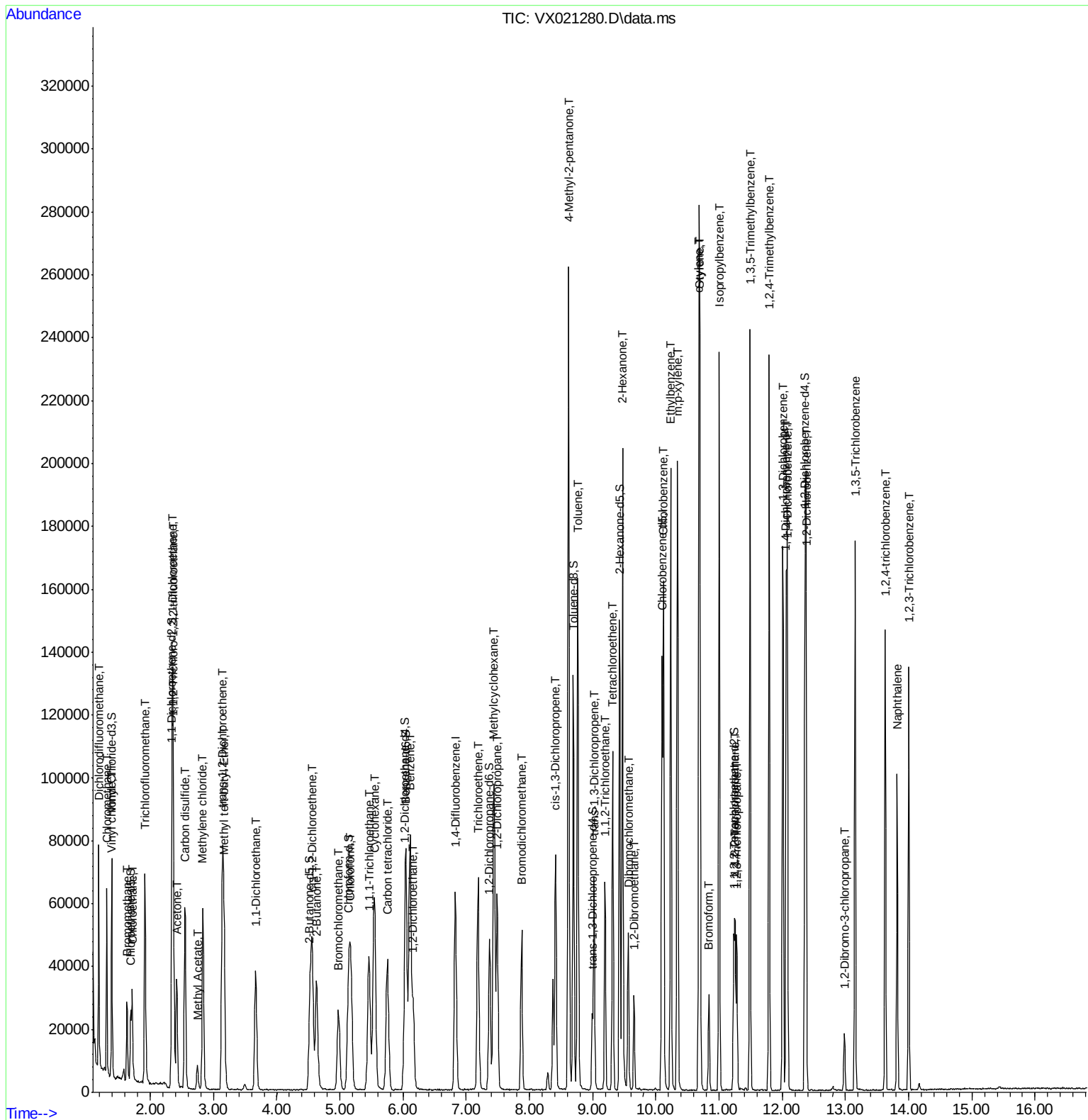
Quant Time: Mar 19 01:26:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR031821WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 18 11:53:19 2021
 Response via : Initial Calibration

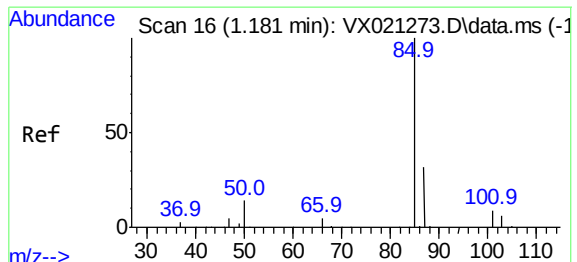
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	5.458	97	40373	4.98	ug/L	96
30) Cyclohexane	5.547	56	40640	4.95	ug/L	94
31) Carbon tetrachloride	5.753	117	35666	4.97	ug/L	98
33) Benzene	6.111	78	92660	5.05	ug/L	100
34) Trichloroethene	7.182	95	25277	5.02	ug/L	93
35) Methylcyclohexane	7.435	83	40701	5.04	ug/L	95
37) 1,2-Dichloropropane	7.488	63	23258	5.00	ug/L	97
38) Bromodichloromethane	7.876	83	32338	5.07	ug/L	97
39) cis-1,3-Dichloropropene	8.412	75	35103	4.96	ug/L	97
40) 4-Methyl-2-pentanone	8.618	43	150860	50.98	ug/L #	89
42) Toluene	8.765	91	99850	5.12	ug/L	93
44) trans-1,3-Dichloropropene	9.024	75	29905	5.00	ug/L	96
45) 1,1,2-Trichloroethane	9.194	97	16397	5.26	ug/L	97
47) Tetrachloroethene	9.318	164	18396	4.95	ug/L	96
48) 2-Hexanone	9.471	43	108244	50.68	ug/L #	87
49) Dibromochloromethane	9.565	129	20133	5.02	ug/L	98
50) 1,2-Dibromoethane	9.653	107	15317	5.06	ug/L	98
51) Chlorobenzene	10.118	112	62593	5.09	ug/L	95
52) Ethylbenzene	10.236	91	111693	4.97	ug/L	99
53) m,p-xylene	10.341	106	41955	5.05	ug/L	92
54) o-xylene	10.683	106	39755	5.07	ug/L	93
55) Styrene	10.694	104	68734	5.11	ug/L	89
57) 1,1,2,2-Tetrachloroethane	11.253	83	19302	5.10	ug/L	97
59) Bromoform	10.836	173	10342	4.89	ug/L	97
60) Isopropylbenzene	11.000	105	110843	5.25	ug/L	98
61) 1,2,3-Trichloropropane	11.277	75	14749	5.09	ug/L	97
62) 1,3,5-Trimethylbenzene	11.489	105	95143	5.25	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	95040	5.21	ug/L	97
64) 1,3-Dichlorobenzene	12.006	146	46934	4.95	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	46901	4.92	ug/L	97
67) 1,2-Dichlorobenzene	12.377	146	44115	5.19	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.983	75	3666	5.11	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.154	180	37109	5.24	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	31902	5.27	ug/L	96
71) Naphthalene	13.818	128	56665	5.18	ug/L	98
72) 1,2,3-Trichlorobenzene	14.001	180	27966	5.27	ug/L	96

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

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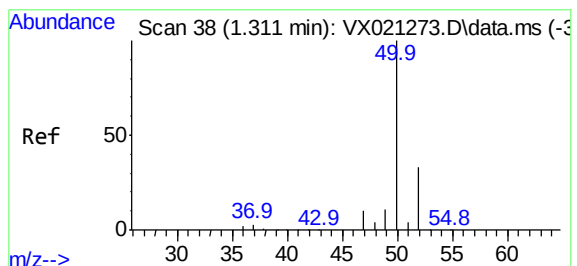
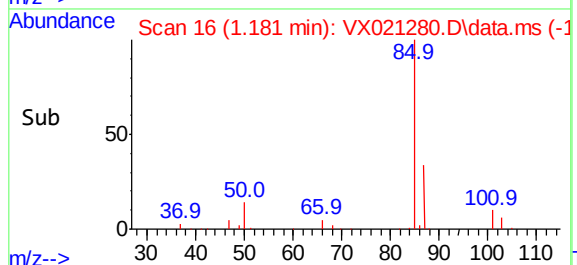
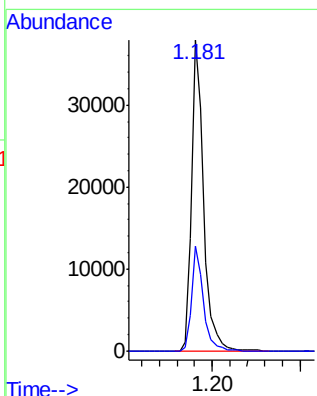
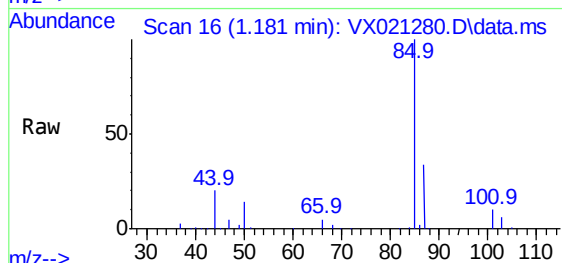




#2
Dichlorodifluoromethane
Concen: 5.16 ug/L
RT: 1.181 min Scan# 16
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

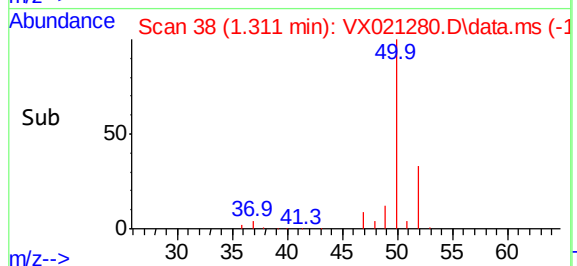
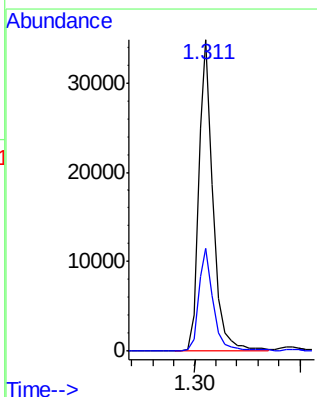
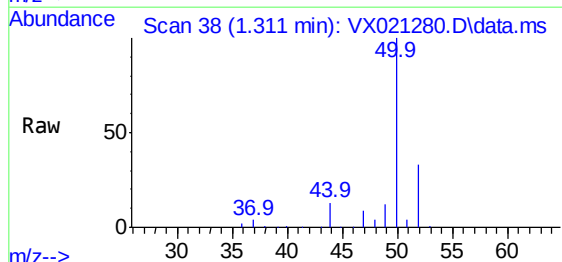
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

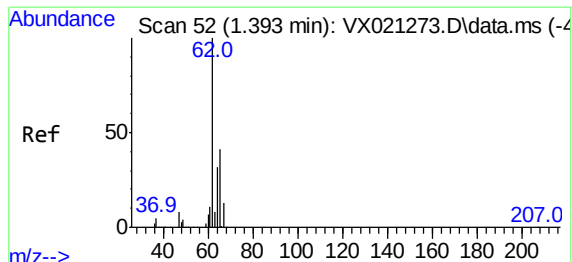
Tgt Ion: 85 Resp: 35766
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 4.81 ug/L
RT: 1.311 min Scan# 38
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 50 Resp: 33003
Ion Ratio Lower Upper
50 100
52 33.0 23.5 43.7

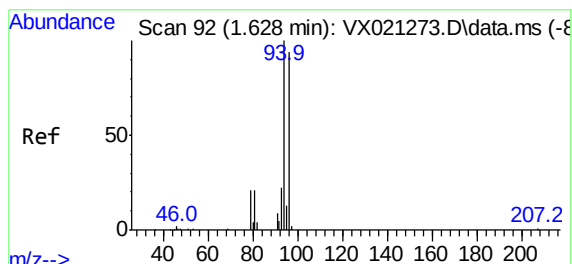
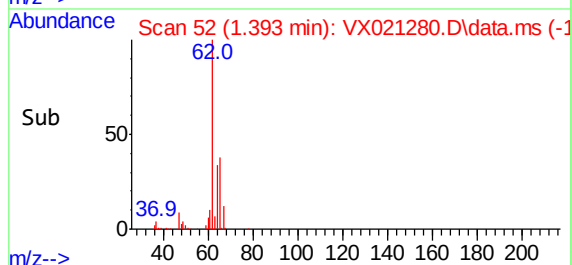
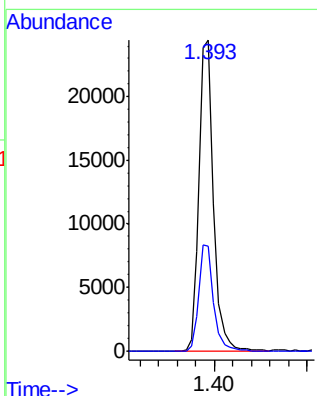
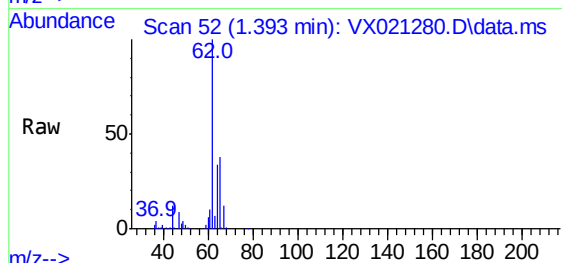




#5
 Vinyl chloride
 Concen: 4.97 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX021280.D
 Acq: 18 Mar 2021 14:52

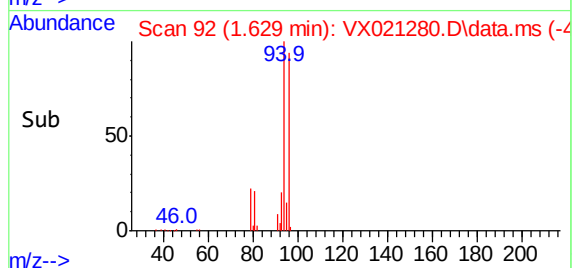
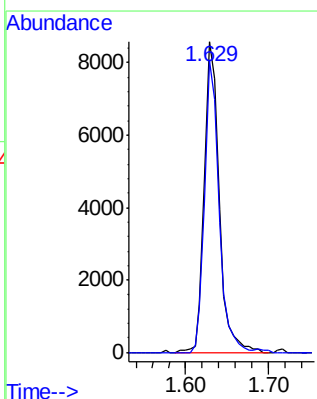
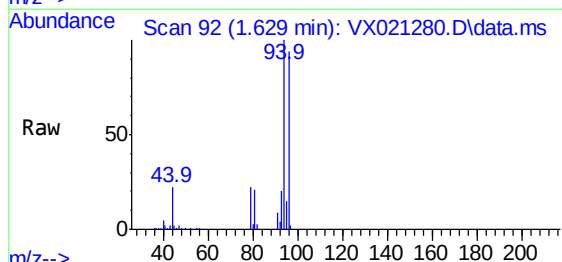
Instrument :
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 ClientSampleId :
 VSTD005309

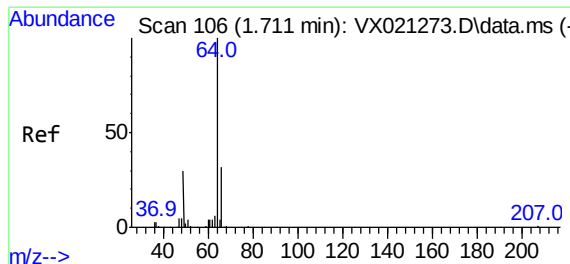
Tgt Ion: 62 Resp: 26613
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.2



#6
 Bromomethane
 Concen: 4.86 ug/L
 RT: 1.629 min Scan# 92
 Delta R.T. 0.000 min
 Lab File: VX021280.D
 Acq: 18 Mar 2021 14:52

Tgt Ion: 94 Resp: 10643
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.7 121.9

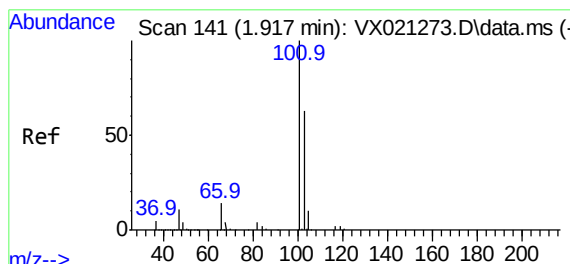
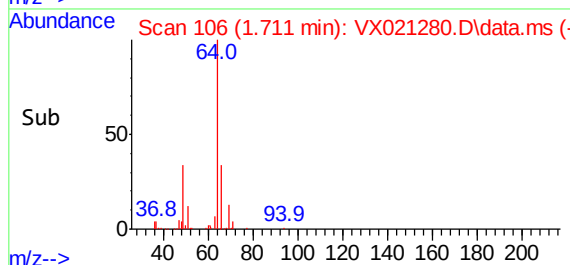
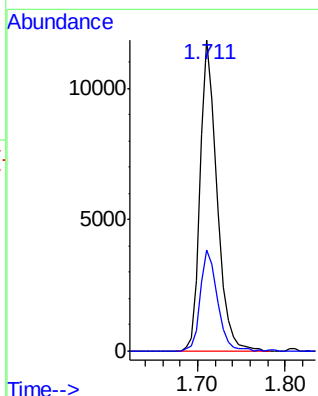
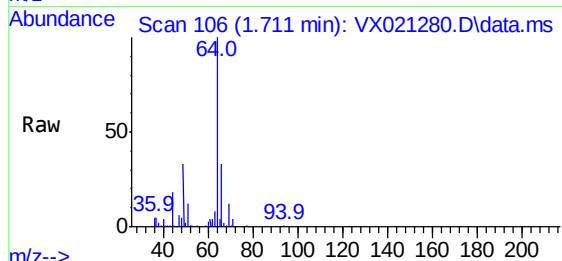




#8
Chloroethane
Concen: 4.99 ug/L
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

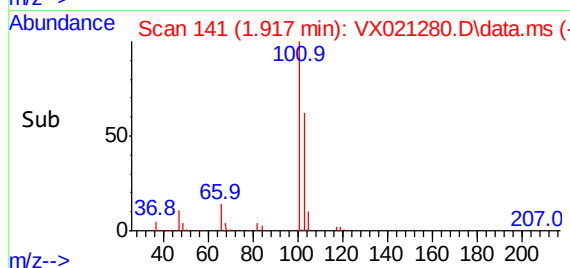
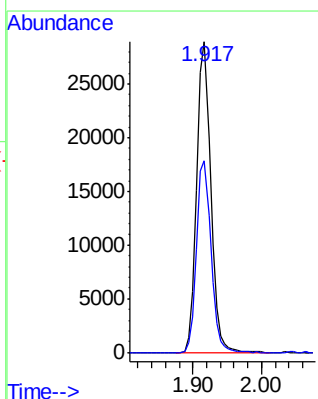
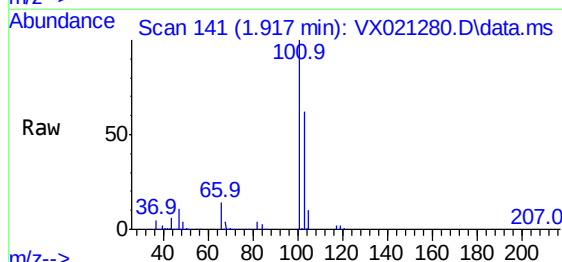
Instrument :
MSVOA_X
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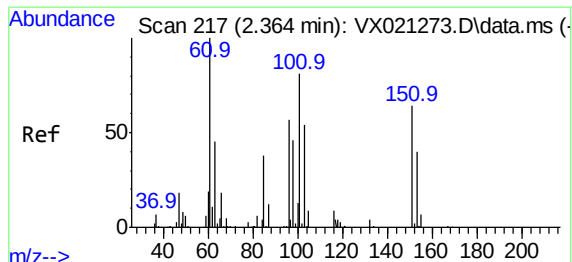
Tgt Ion: 64 Resp: 15158
Ion Ratio Lower Upper
64 100
66 32.6 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.16 ug/L
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:101 Resp: 40663
Ion Ratio Lower Upper
101 100
103 63.5 51.0 76.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.15 ug/L

RT: 2.364 min Scan# 217

Delta R.T. 0.000 min

Lab File: VX021280.D

Acq: 18 Mar 2021 14:52

Tgt Ion:101 Resp: 23405

Ion Ratio Lower Upper

101 100

85 45.7 34.9 52.3

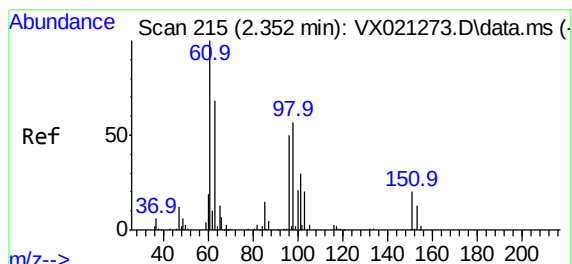
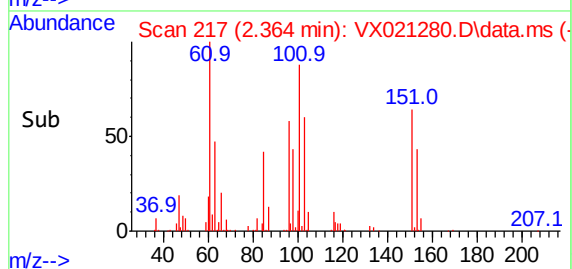
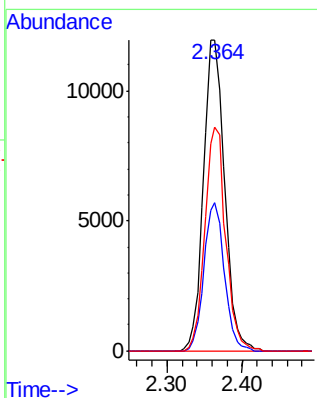
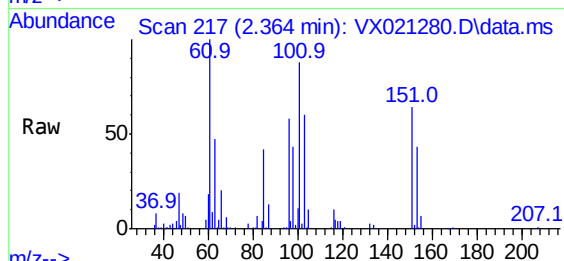
151 70.2 61.0 91.6

Instrument :

MSVOA_X

ClientSampleId :

VSTD005309



#12

1,1-Dichloroethene

Concen: 5.11 ug/L

RT: 2.352 min Scan# 215

Delta R.T. 0.000 min

Lab File: VX021280.D

Acq: 18 Mar 2021 14:52

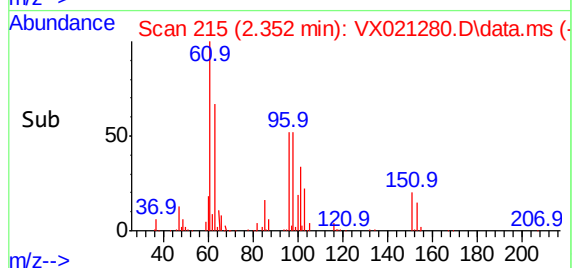
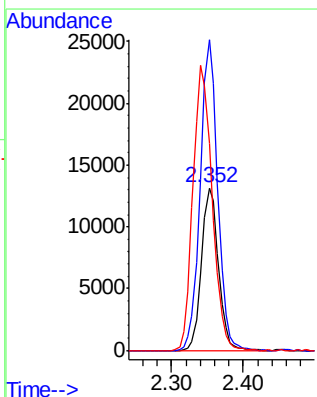
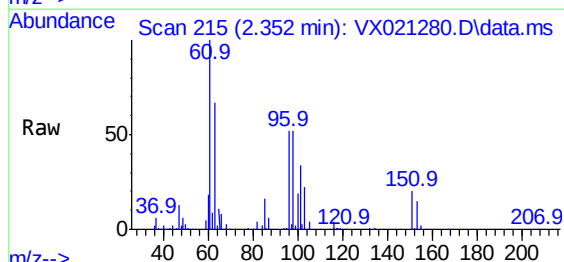
Tgt Ion: 96 Resp: 21367

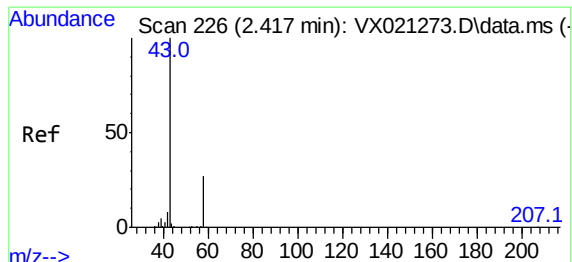
Ion Ratio Lower Upper

96 100

61 190.9 118.2 219.6

63 127.3 74.2 137.8

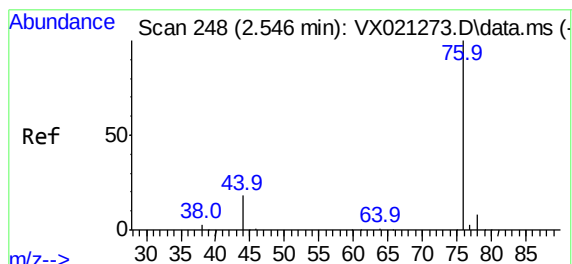
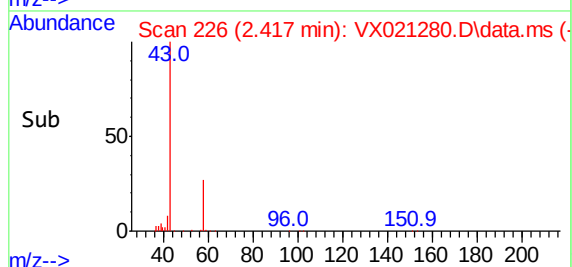
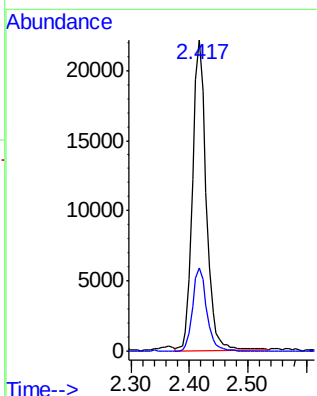
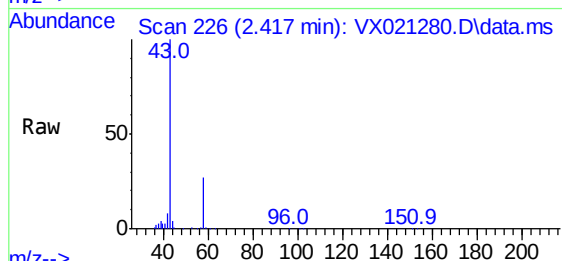




#13
Acetone
Concen: 50.95 ug/L
RT: 2.417 min Scan# 226
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

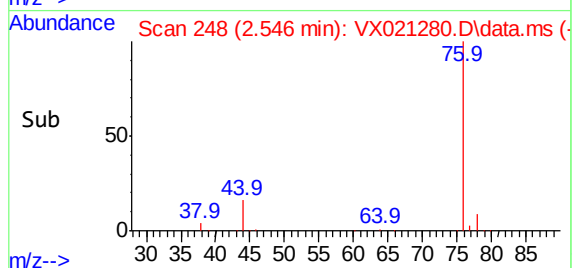
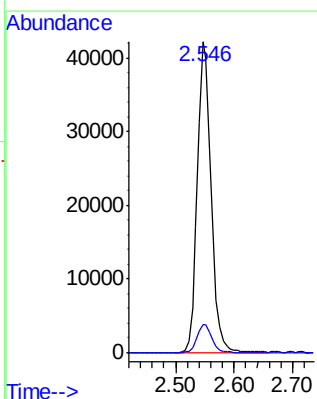
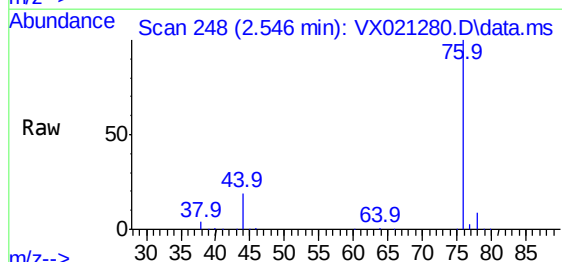
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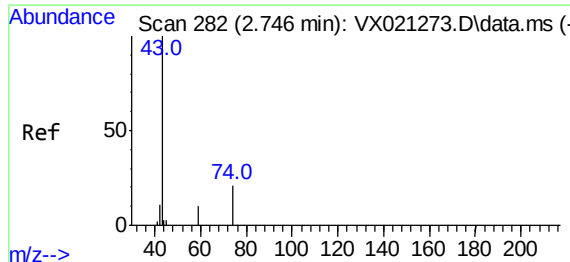
Tgt Ion: 43 Resp: 36384
Ion Ratio Lower Upper
43 100
58 26.9 0.0 70.4



#14
Carbon disulfide
Concen: 4.95 ug/L
RT: 2.546 min Scan# 248
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 76 Resp: 69133
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6

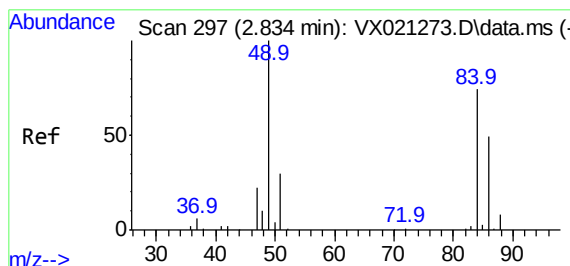
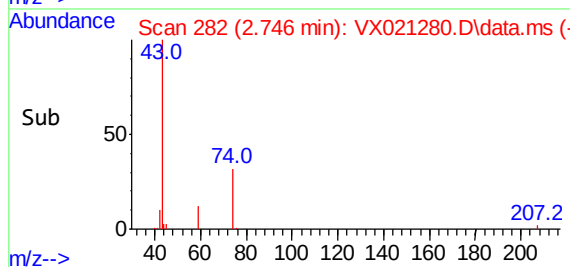
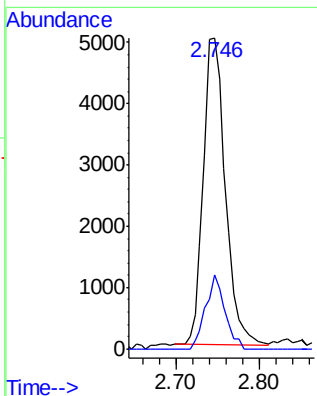
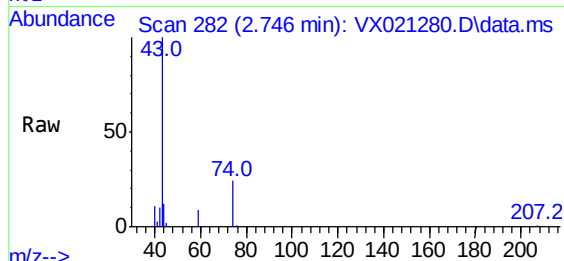




#15
Methyl Acetate
Concen: 4.69 ug/L
RT: 2.746 min Scan# 282
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

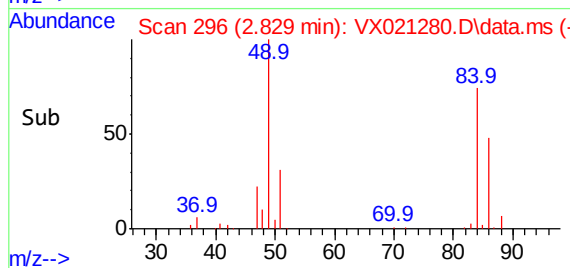
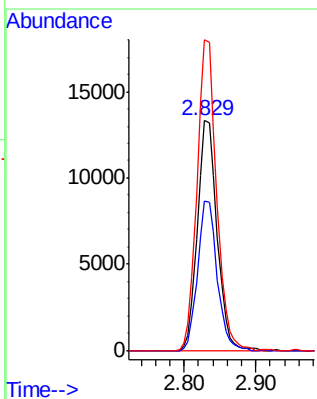
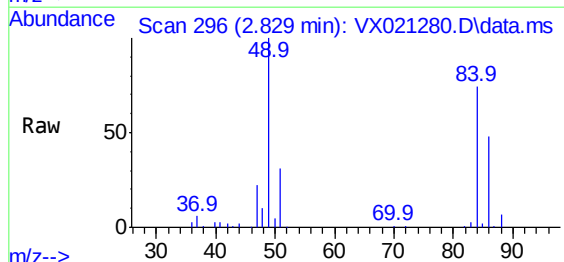
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

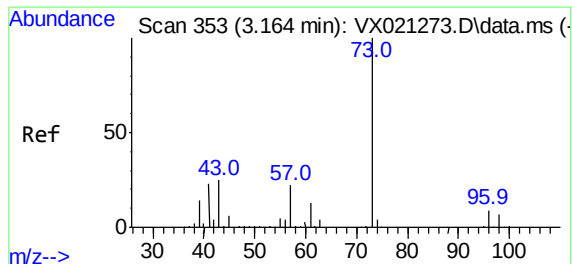
Tgt Ion: 43 Resp: 9251
Ion Ratio Lower Upper
43 100
74 21.0 21.1 31.7#



#16
Methylene chloride
Concen: 4.74 ug/L
RT: 2.829 min Scan# 296
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 84 Resp: 25061
Ion Ratio Lower Upper
84 100
86 64.9 44.6 82.8
49 135.2 79.5 147.6

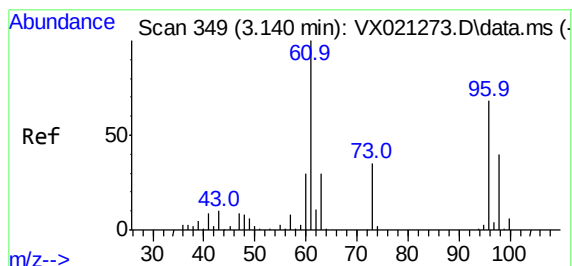
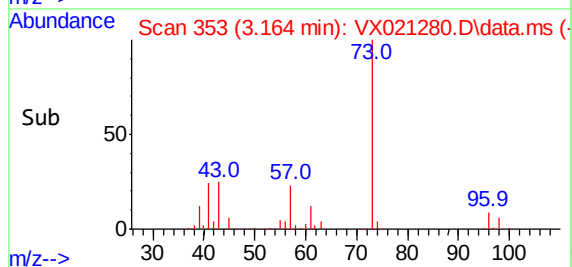
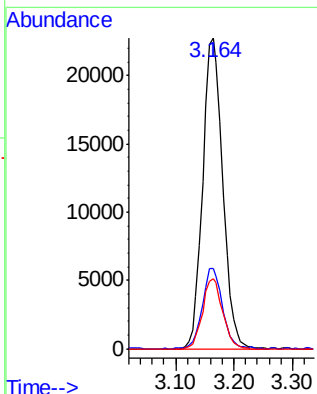
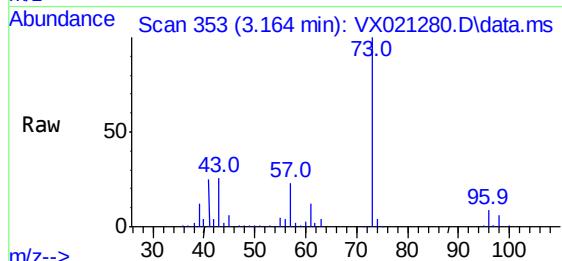




#17
Methyl tert-butyl Ether
Concen: 5.08 ug/L
RT: 3.164 min Scan# 353
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

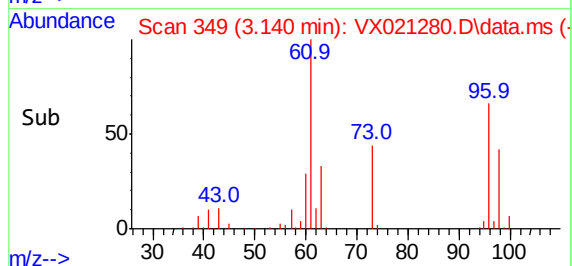
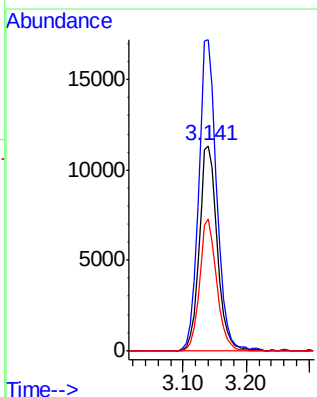
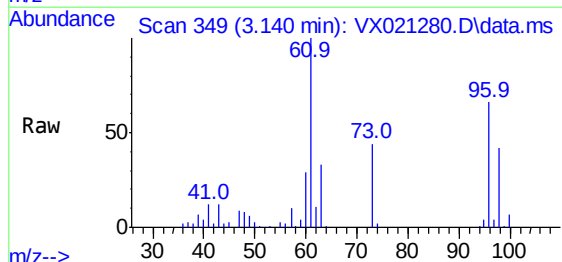
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

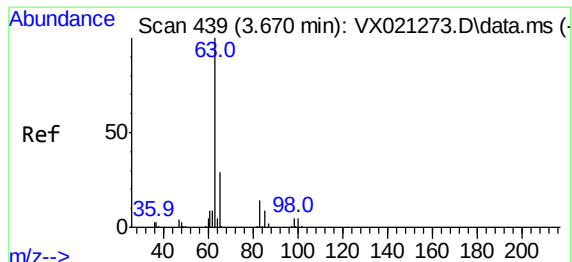
Tgt Ion: 73 Resp: 53940
Ion Ratio Lower Upper
73 100
43 26.1 15.1 22.7#
57 22.6 17.4 26.2



#18
trans-1,2-Dichloroethene
Concen: 5.06 ug/L
RT: 3.140 min Scan# 349
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 96 Resp: 22522
Ion Ratio Lower Upper
96 100
61 151.8 95.4 177.2
98 64.3 44.2 82.2

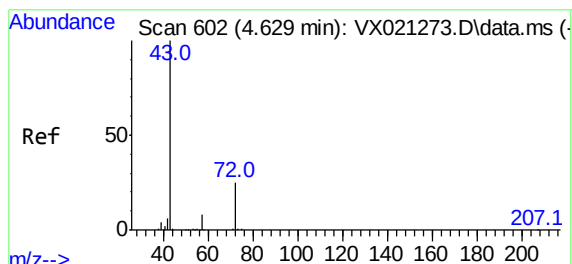
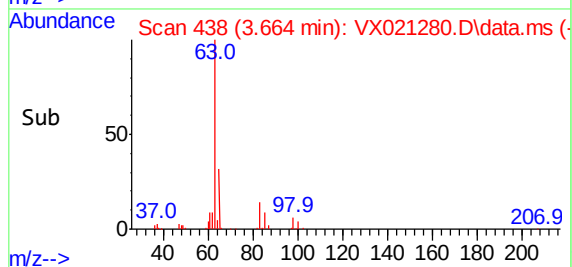
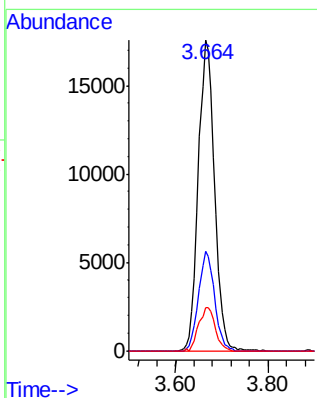
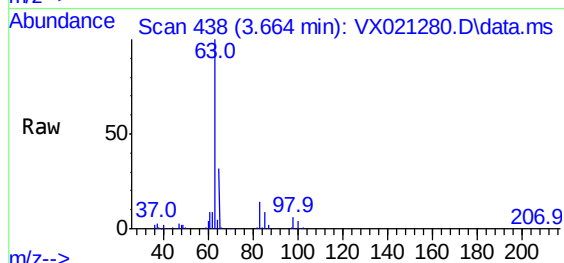




#19
1,1-Dichloroethane
Concen: 5.13 ug/L
RT: 3.664 min Scan# 438
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

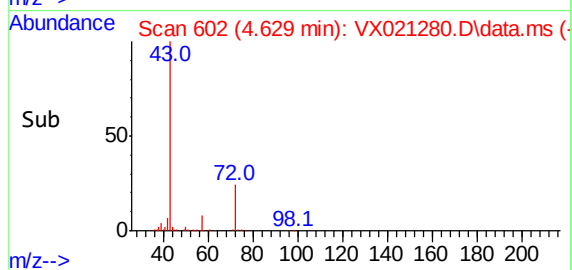
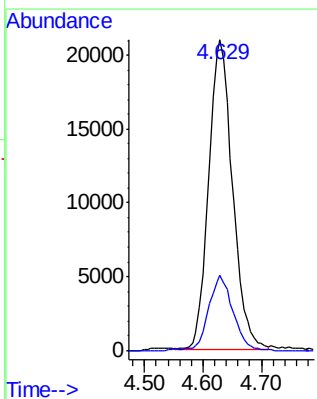
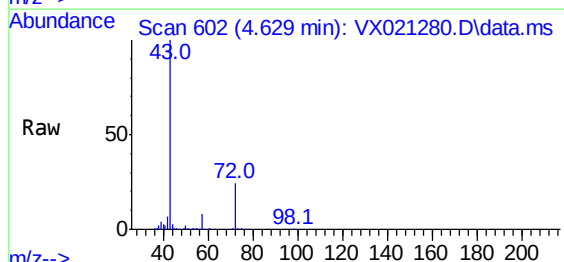
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

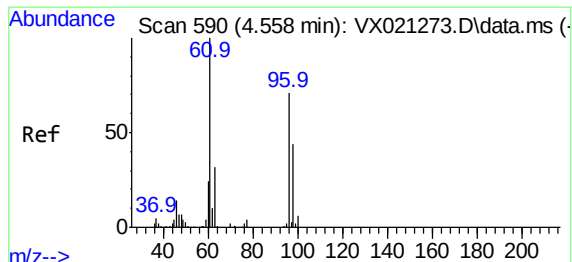
Tgt Ion: 63 Resp: 42442
Ion Ratio Lower Upper
63 100
65 32.2 21.8 40.6
83 14.1 9.6 17.8



#21
2-Butanone
Concen: 50.29 ug/L
RT: 4.629 min Scan# 602
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 43 Resp: 58853
Ion Ratio Lower Upper
43 100
72 24.6 14.8 44.4

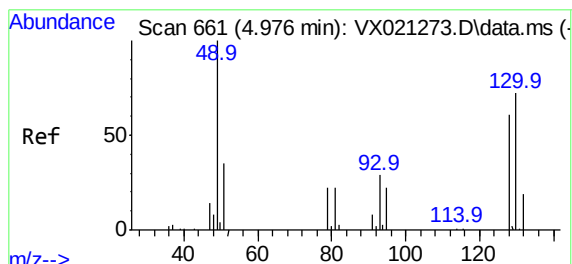
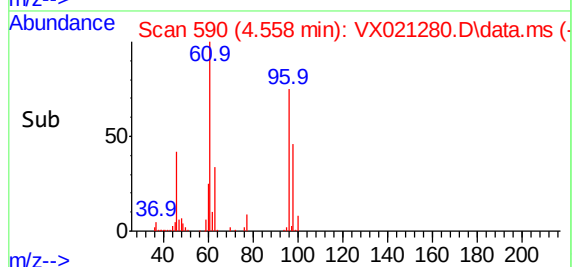
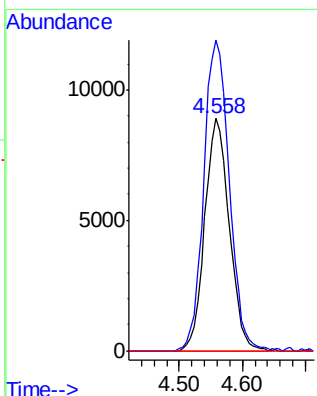
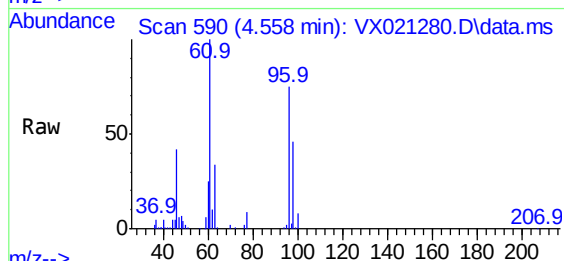




#22
cis-1,2-Dichloroethene
Concen: 5.00 ug/L
RT: 4.558 min Scan# 590
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

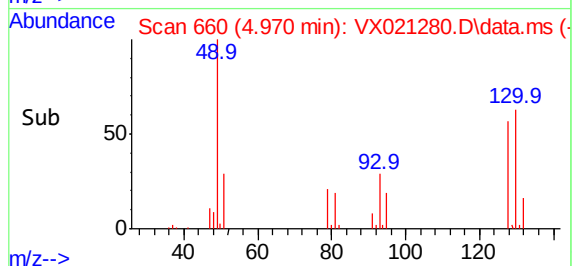
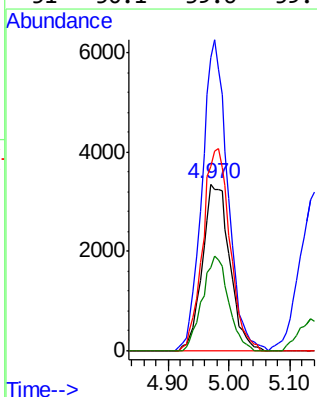
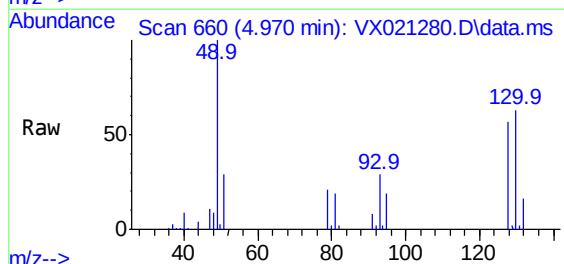
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

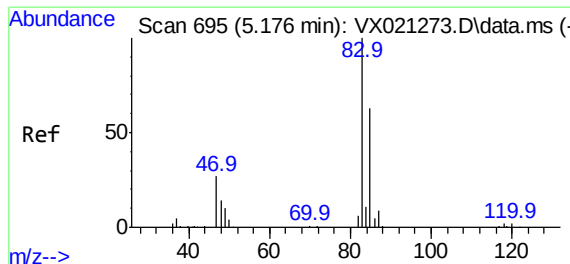
Tgt Ion: 96 Resp: 23818
Ion Ratio Lower Upper
96 100
61 133.7 85.9 159.5
68 0.0 0.0 0.0



#23
Bromochloromethane
Concen: 5.38 ug/L
RT: 4.970 min Scan# 660
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 128 Resp: 10357
Ion Ratio Lower Upper
128 100
49 175.6 103.2 191.6
130 110.4 89.1 165.5
51 50.1 39.6 59.4

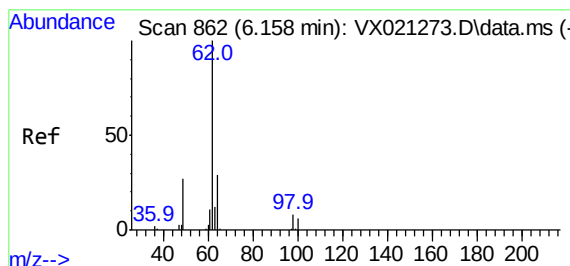
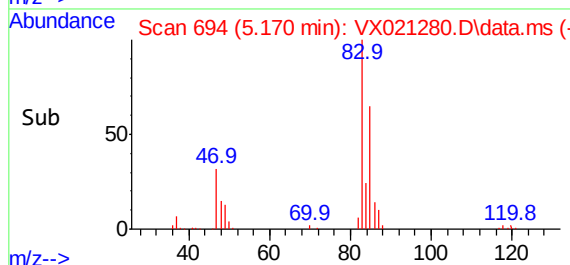
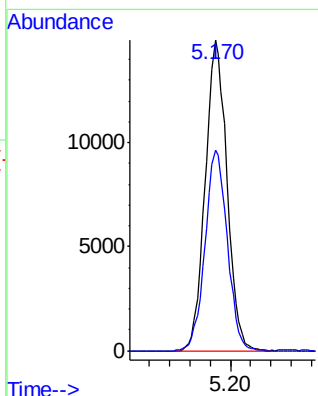
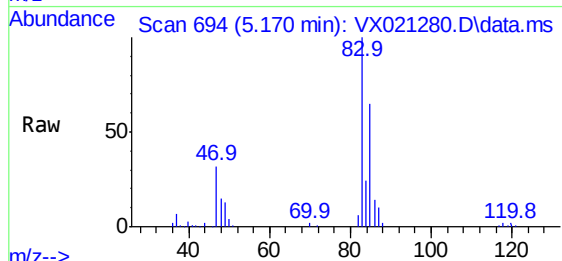




#25
Chloroform
Concen: 5.09 ug/L
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

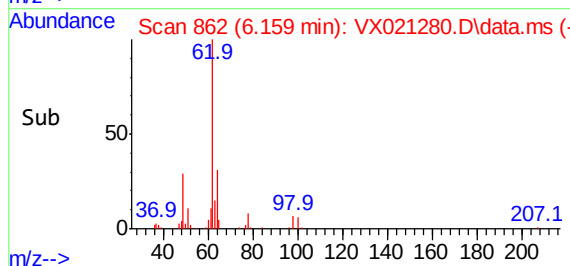
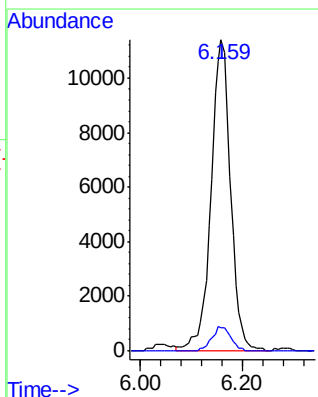
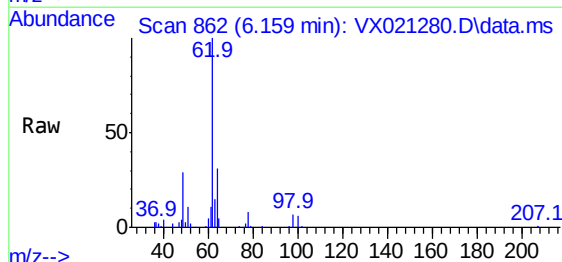
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

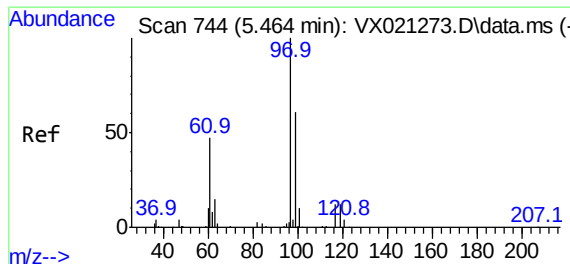
Tgt Ion: 83 Resp: 44342
Ion Ratio Lower Upper
83 100
85 64.7 45.6 84.8



#27
1,2-Dichloroethane
Concen: 5.10 ug/L
RT: 6.159 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 62 Resp: 30299
Ion Ratio Lower Upper
62 100
98 7.2 7.9 11.9#

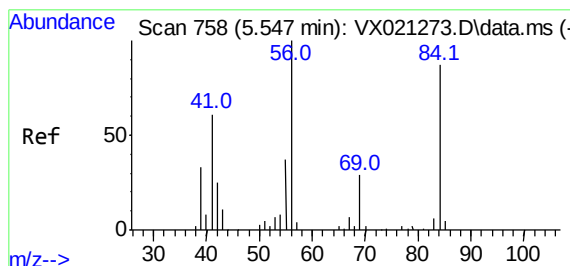
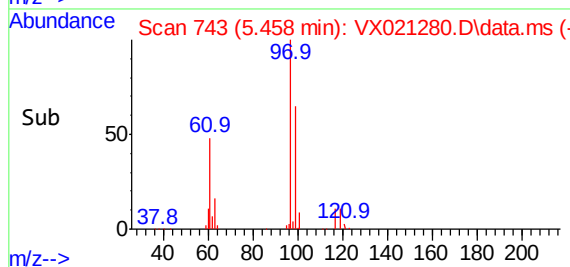
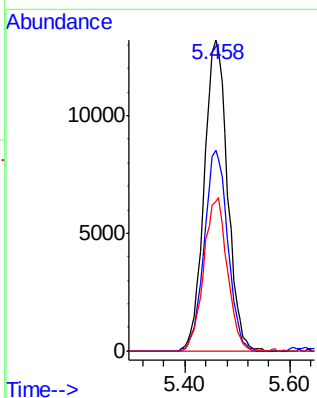
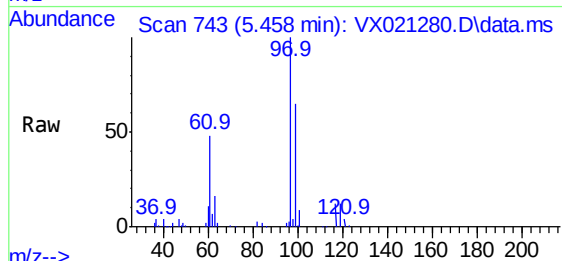




#29
1,1,1-Trichloroethane
Concen: 4.98 ug/L
RT: 5.458 min Scan# 743
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

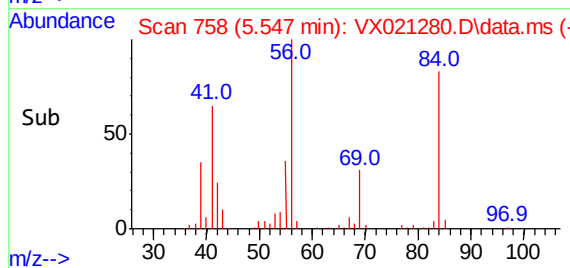
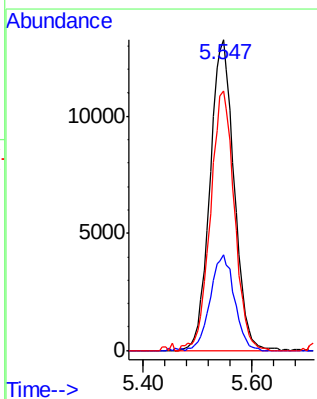
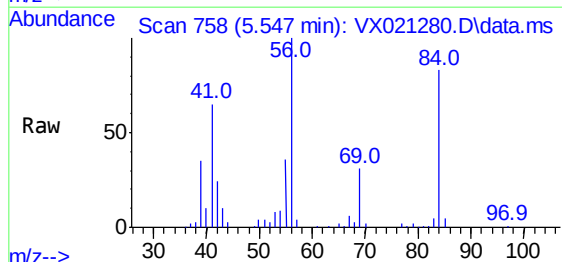
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

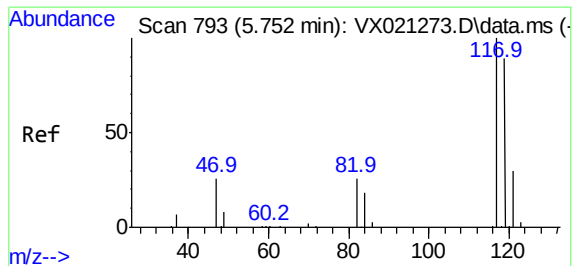
Tgt Ion: 97 Resp: 40373
Ion Ratio Lower Upper
97 100
99 65.0 51.2 76.8
61 49.8 35.3 52.9



#30
Cyclohexane
Concen: 4.95 ug/L
RT: 5.547 min Scan# 758
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 56 Resp: 40640
Ion Ratio Lower Upper
56 100
69 30.8 25.8 38.6
84 83.3 72.4 108.6

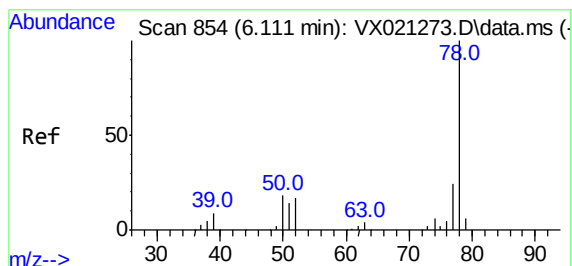
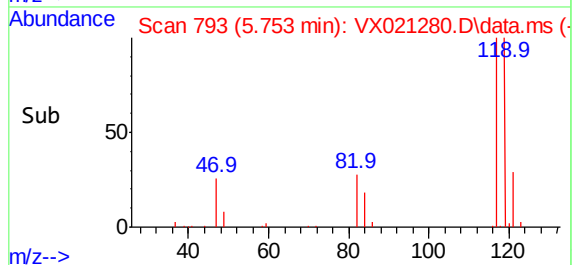
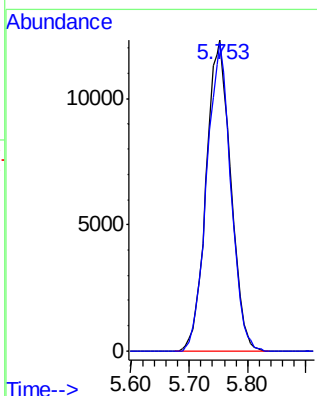
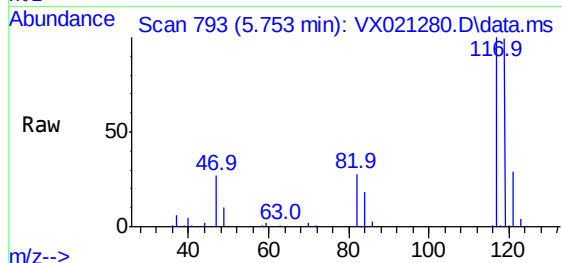




#31
Carbon tetrachloride
Concen: 4.97 ug/L
RT: 5.753 min Scan# 793
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

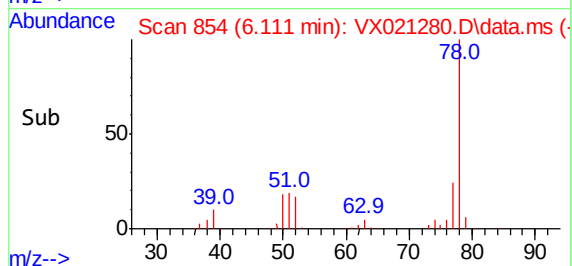
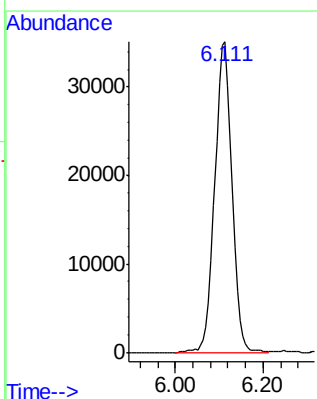
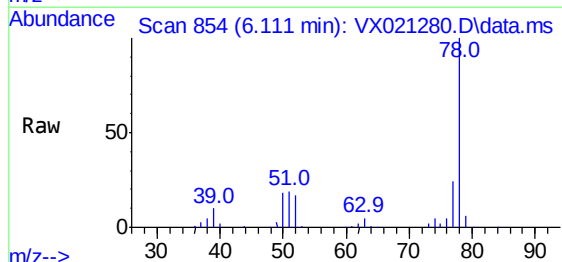
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

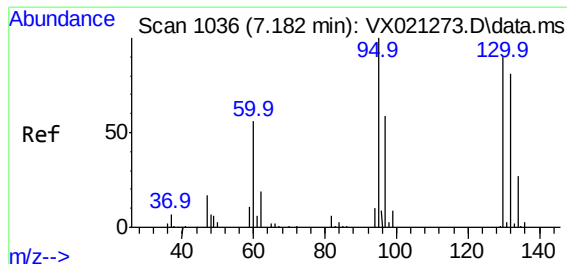
Tgt Ion:117 Resp: 35666
Ion Ratio Lower Upper
117 100
119 97.0 76.2 114.4



#33
Benzene
Concen: 5.05 ug/L
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 78 Resp: 92660

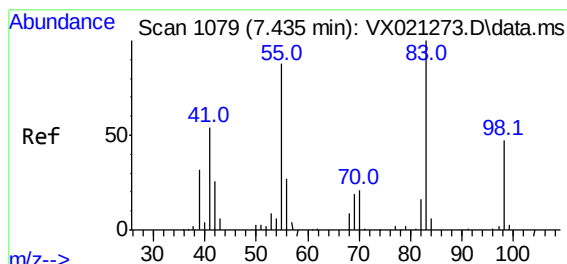
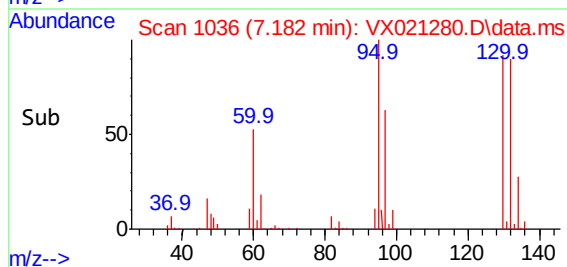
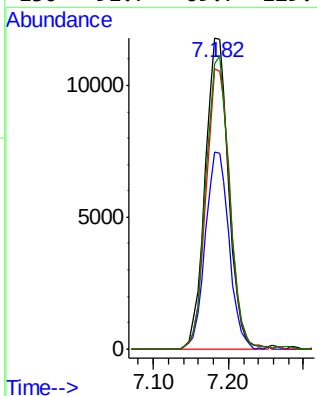
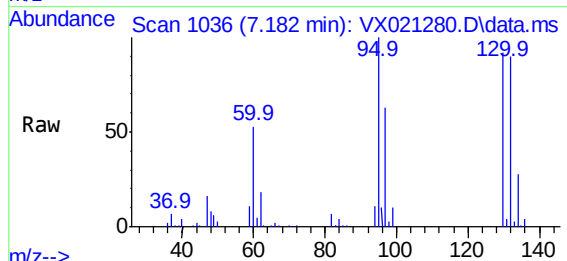




#34
Trichloroethene
Concen: 5.02 ug/L
RT: 7.182 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

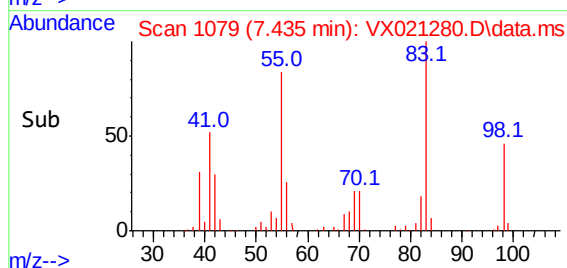
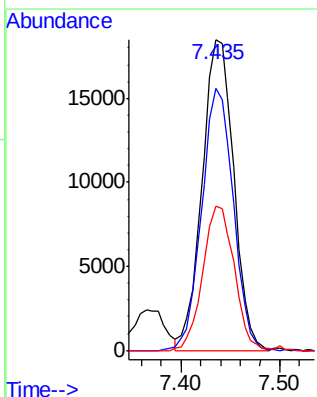
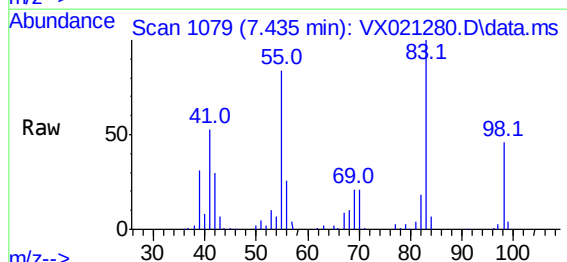
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

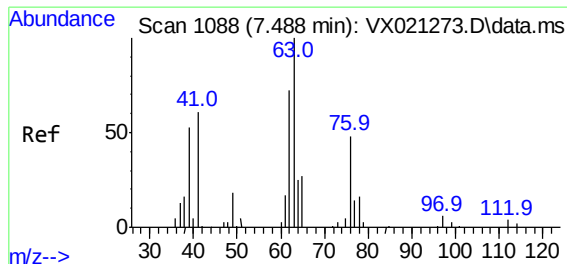
Tgt Ion: 95 Resp: 25277
Ion Ratio Lower Upper
95 100
97 63.2 46.0 85.4
132 90.3 69.0 128.1
130 91.7 69.7 129.4



#35
Methylcyclohexane
Concen: 5.04 ug/L
RT: 7.435 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 83 Resp: 40701
Ion Ratio Lower Upper
83 100
55 84.2 63.4 95.0
98 46.2 39.2 58.8

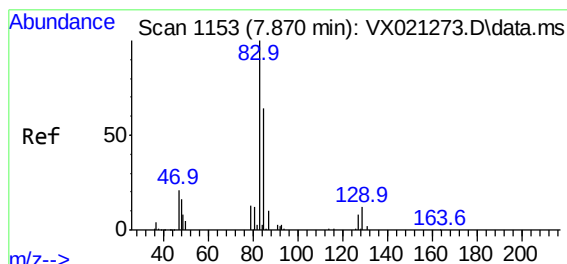
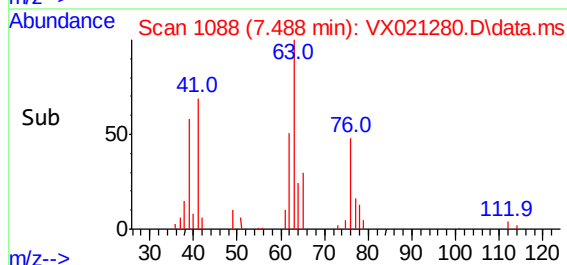
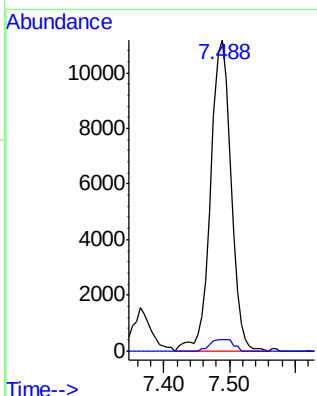
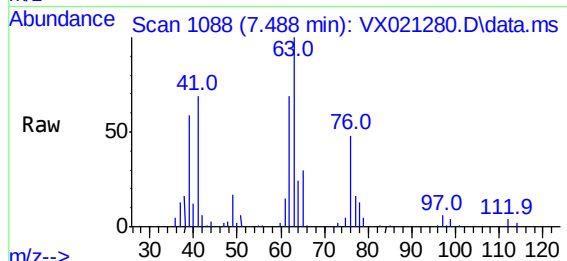




#37
1,2-Dichloropropane
Concen: 5.00 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

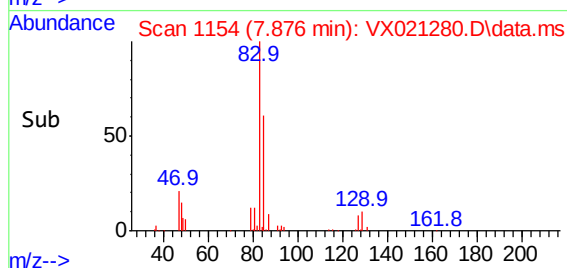
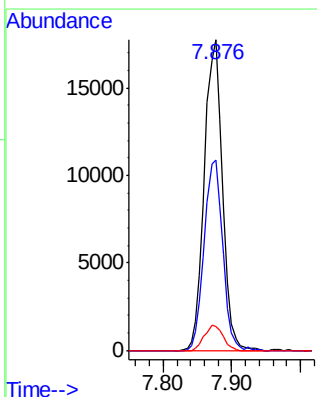
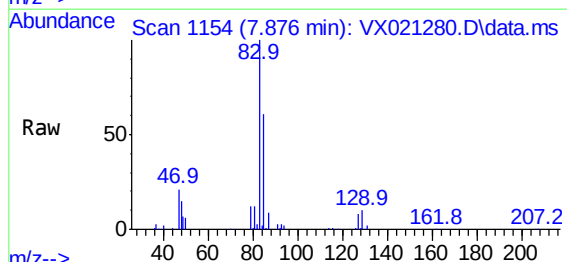
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

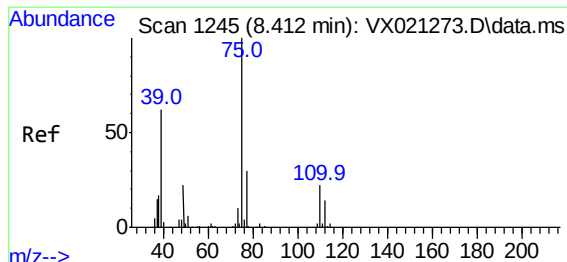
Tgt Ion: 63 Resp: 23258
Ion Ratio Lower Upper
63 100
112 4.1 3.9 5.9



#38
Bromodichloromethane
Concen: 5.07 ug/L
RT: 7.876 min Scan# 1154
Delta R.T. 0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 83 Resp: 32338
Ion Ratio Lower Upper
83 100
85 61.5 44.6 82.8
127 7.7 7.0 10.4

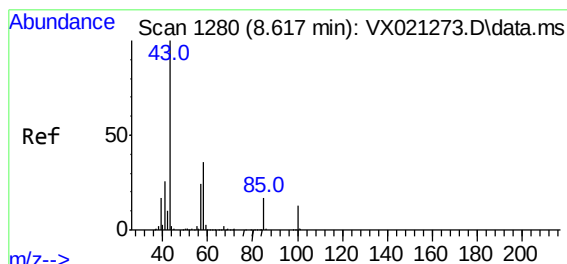
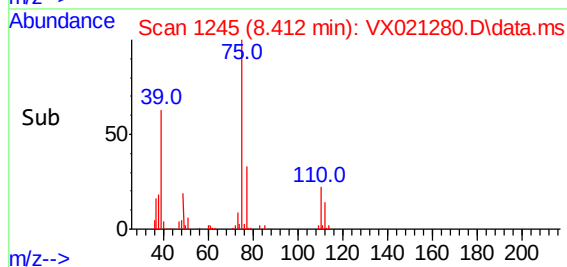
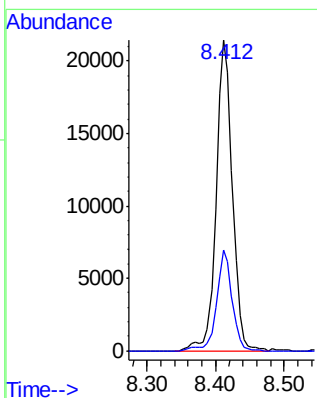
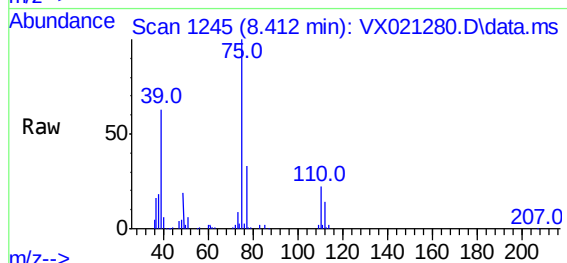




#39
cis-1,3-Dichloropropene
Concen: 4.96 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

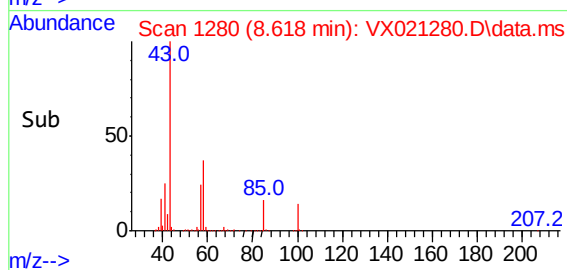
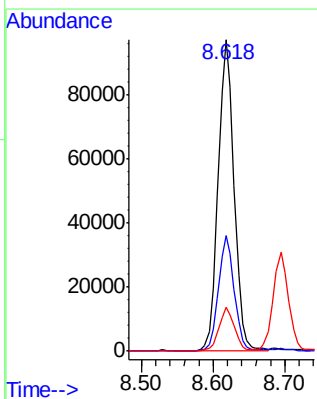
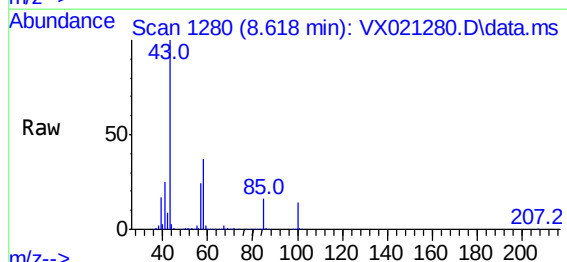
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

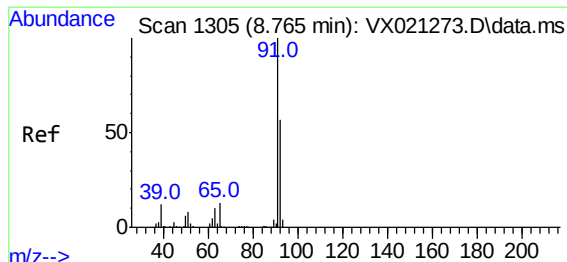
Tgt Ion: 75 Resp: 35103
Ion Ratio Lower Upper
75 100
77 32.6 21.6 40.0



#40
4-Methyl-2-pentanone
Concen: 50.98 ug/L
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 43 Resp: 150860
Ion Ratio Lower Upper
43 100
58 36.4 35.0 52.4
100 13.3 14.3 21.5#





#42

Toluene

Concen: 5.12 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX021280.D

Acq: 18 Mar 2021 14:52

Instrument :

MSVOA_X

ClientSampleId :

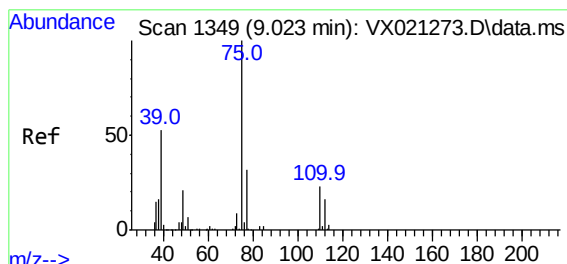
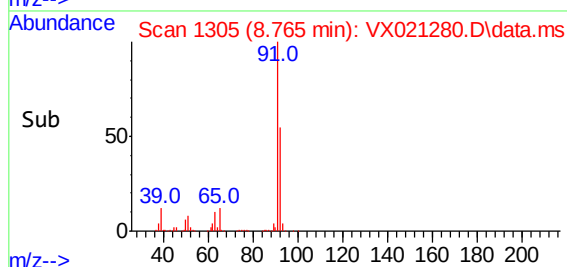
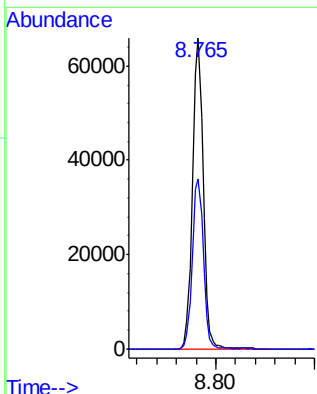
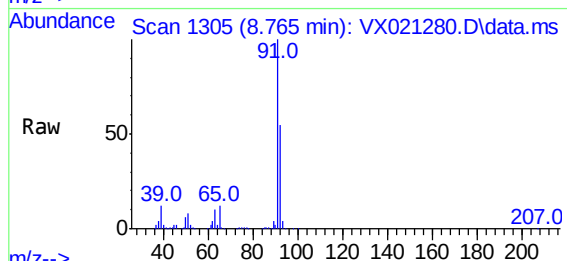
VSTD005309

Tgt Ion: 91 Resp: 99850

Ion Ratio Lower Upper

91 100

92 54.6 42.1 78.1



#44

trans-1,3-Dichloropropene

Concen: 5.00 ug/L

RT: 9.024 min Scan# 1349

Delta R.T. 0.000 min

Lab File: VX021280.D

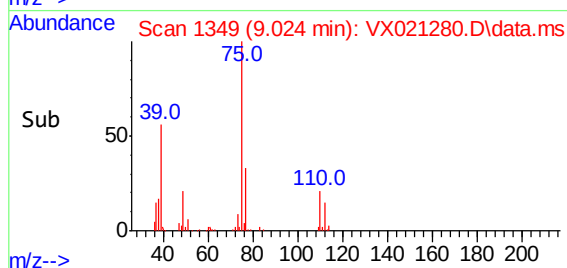
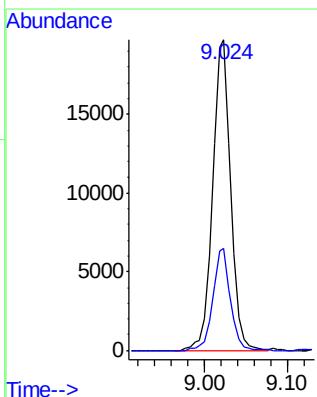
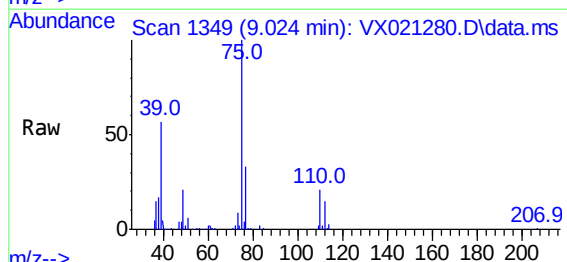
Acq: 18 Mar 2021 14:52

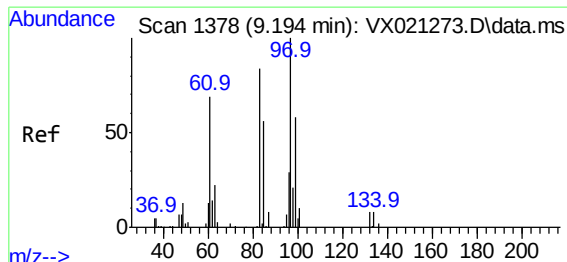
Tgt Ion: 75 Resp: 29905

Ion Ratio Lower Upper

75 100

77 32.9 21.7 40.3



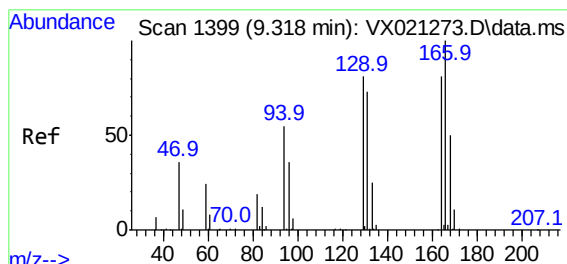
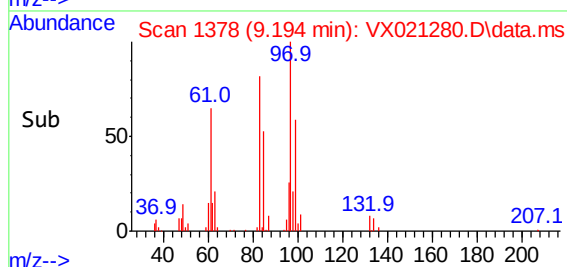
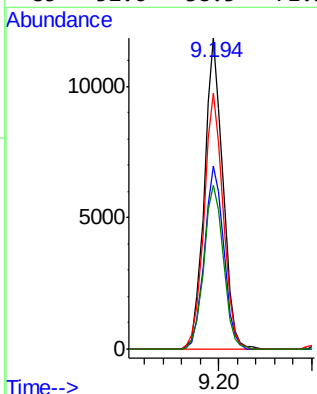
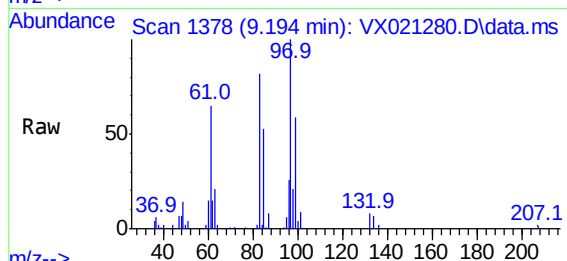


#45
1,1,2-Trichloroethane
Concen: 5.26 ug/L
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

Tgt Ion: 97 Resp: 16397

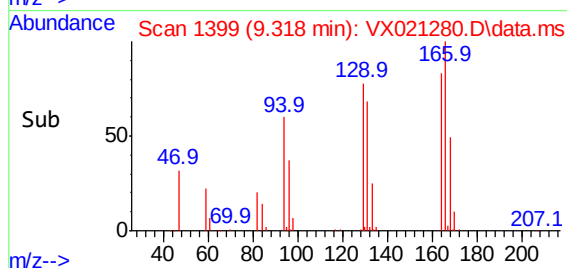
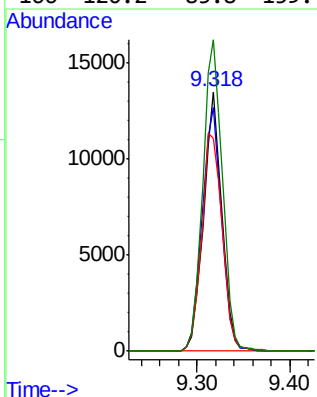
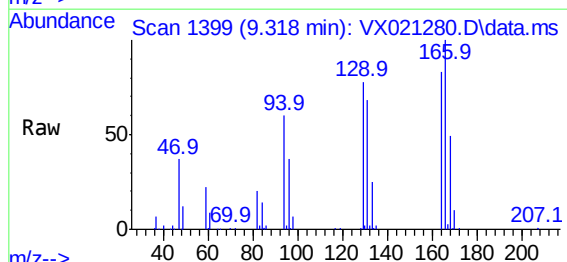
Ion	Ratio	Lower	Upper
97	100		
99	58.7	43.4	80.6
83	82.5	58.6	108.8
85	52.6	38.5	71.5

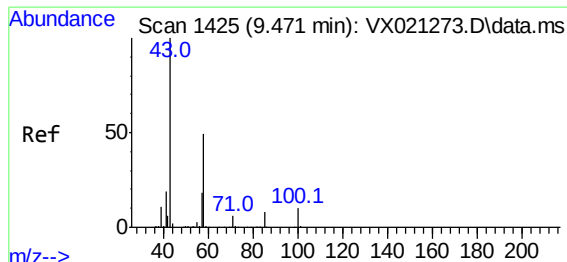


#47
Tetrachloroethene
Concen: 4.95 ug/L
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 164 Resp: 18396

Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.5	119.7
131	82.3	63.8	118.6
166	120.2	85.8	159.4

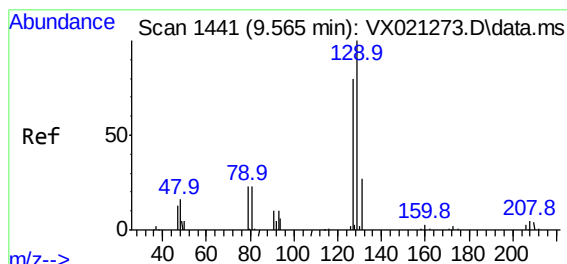
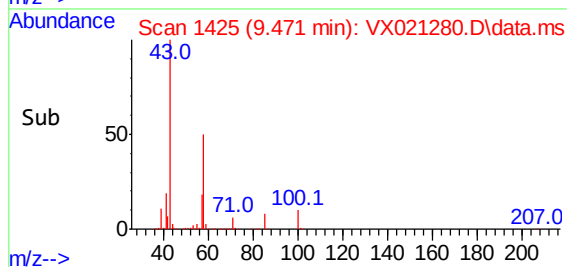
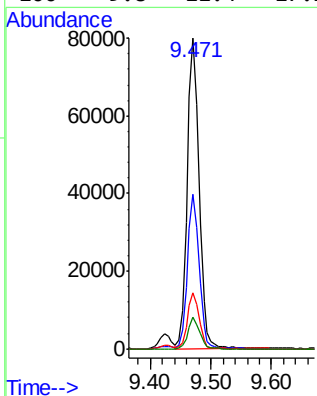
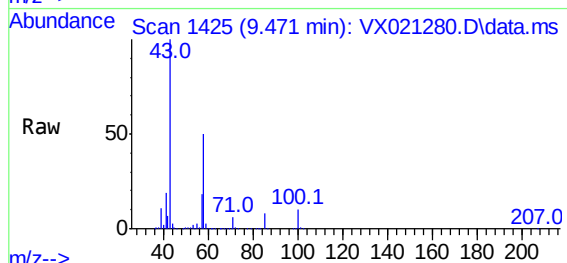




#48
2-Hexanone
Concen: 50.68 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

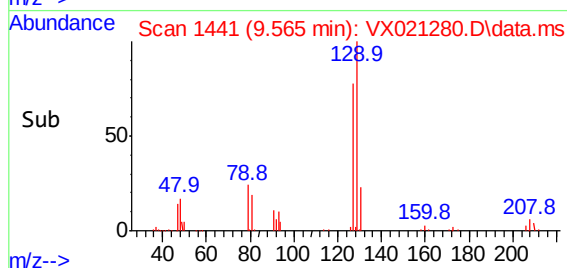
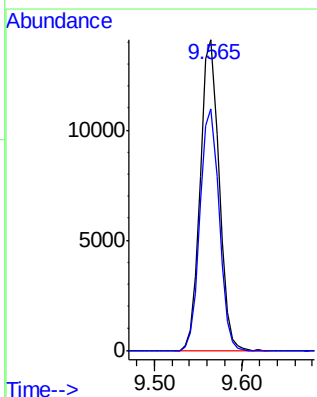
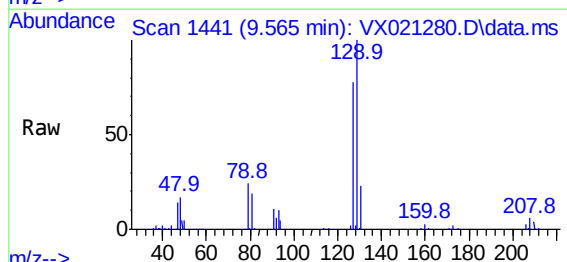
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

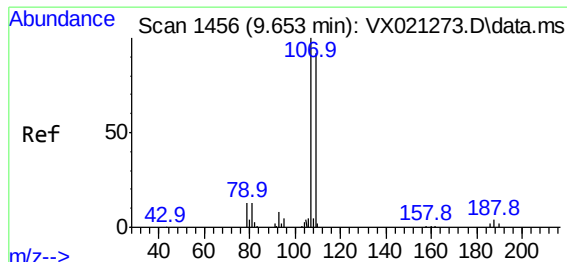
Tgt Ion: 43 Resp: 108244
Ion Ratio Lower Upper
43 100
58 49.5 48.8 73.2
57 18.0 16.6 25.0
100 9.8 11.4 17.2#



#49
Dibromochloromethane
Concen: 5.02 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

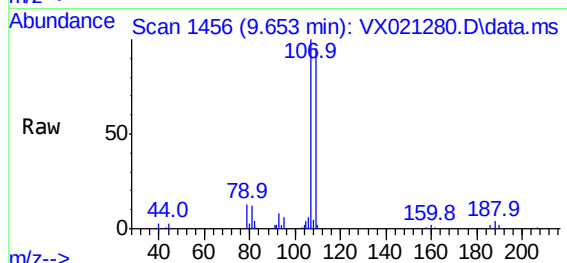
Tgt Ion: 129 Resp: 20133
Ion Ratio Lower Upper
129 100
127 77.6 53.0 98.4



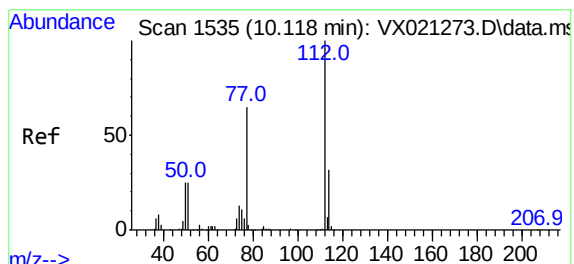
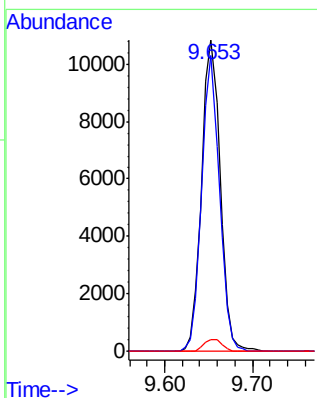
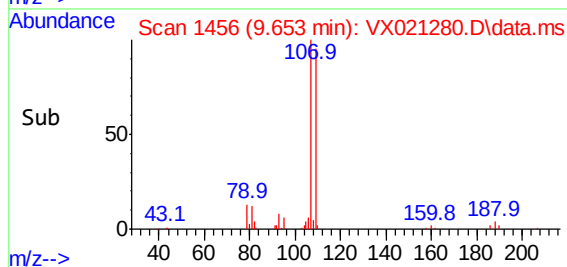


#50
1,2-Dibromoethane
Concen: 5.06 ug/L
RT: 9.653 min Scan# 1456
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

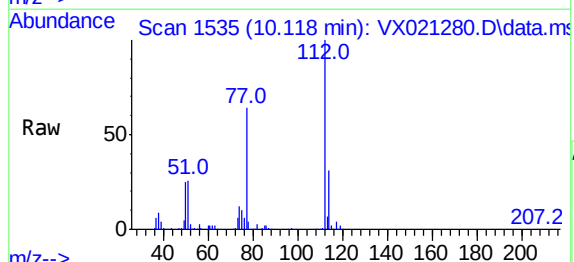
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309



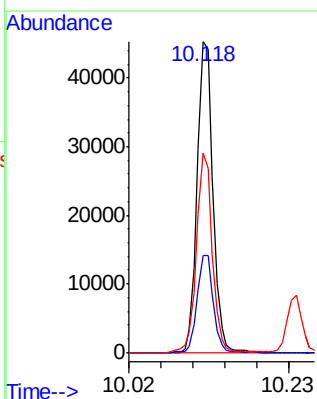
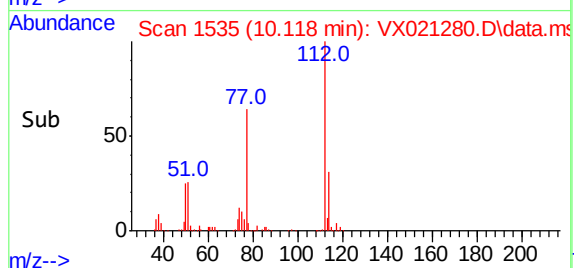
Tgt Ion:107 Resp: 15317
Ion Ratio Lower Upper
107 100
109 95.2 65.0 120.8
188 3.7 3.4 5.0

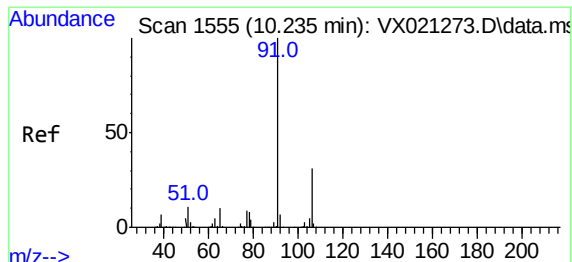


#51
Chlorobenzene
Concen: 5.09 ug/L
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52



Tgt Ion:112 Resp: 62593
Ion Ratio Lower Upper
112 100
114 31.1 22.1 41.1
77 64.1 47.0 70.6

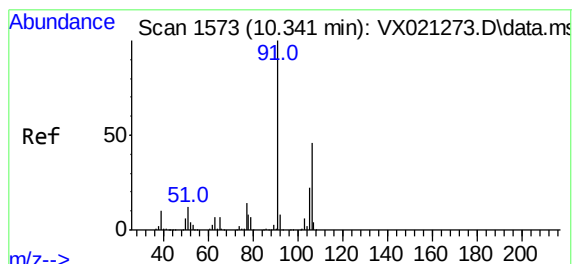
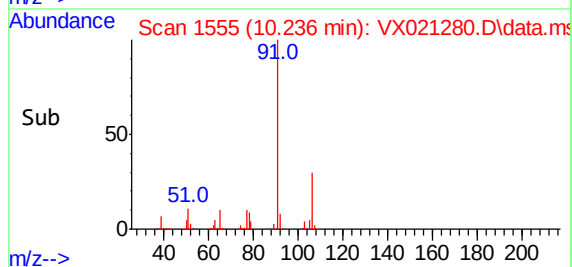
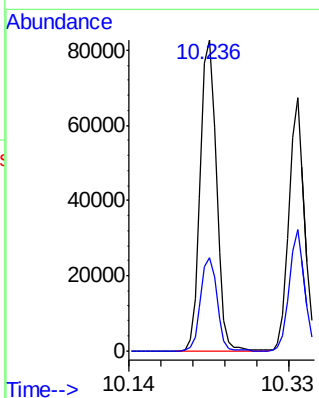
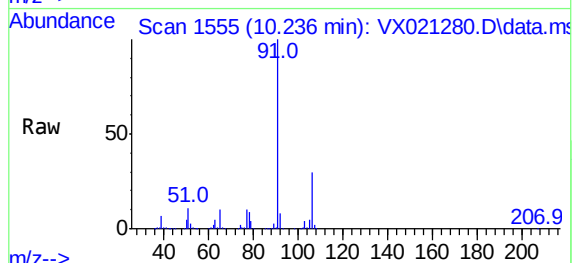




#52
Ethylbenzene
Concen: 4.97 ug/L
RT: 10.236 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

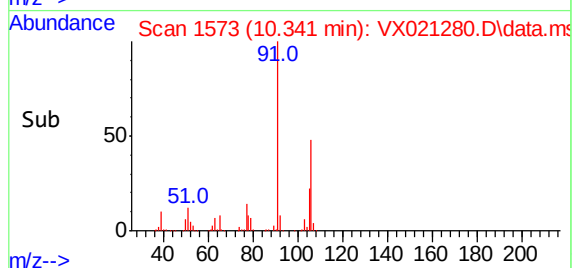
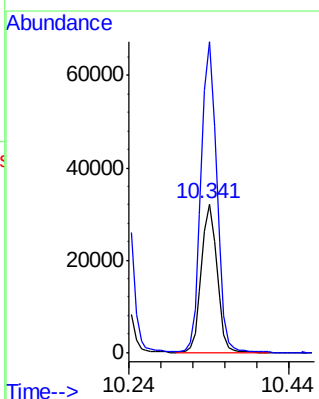
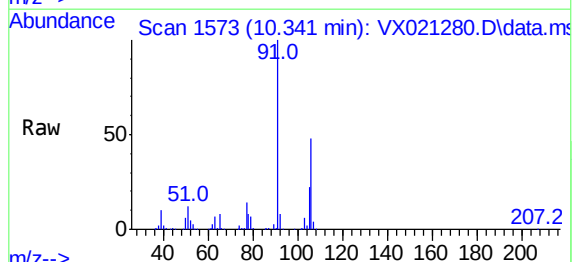
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

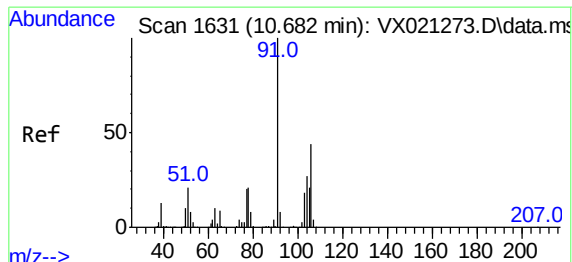
Tgt Ion: 91 Resp: 111693
Ion Ratio Lower Upper
91 100
106 30.0 21.6 40.0



#53
m,p-xylene
Concen: 5.05 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 106 Resp: 41955
Ion Ratio Lower Upper
106 100
91 208.9 137.4 255.2

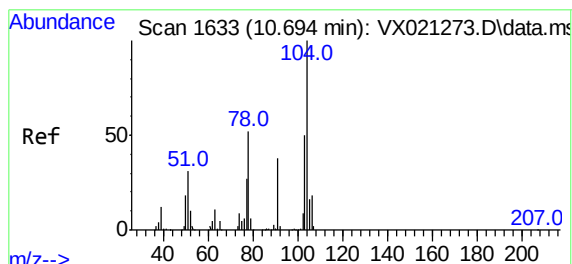
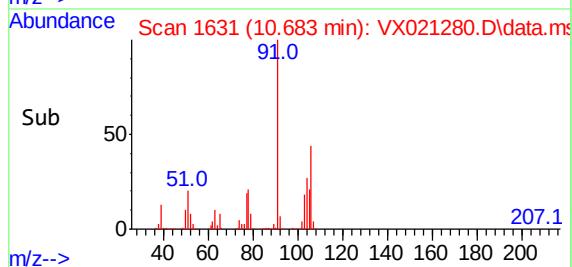
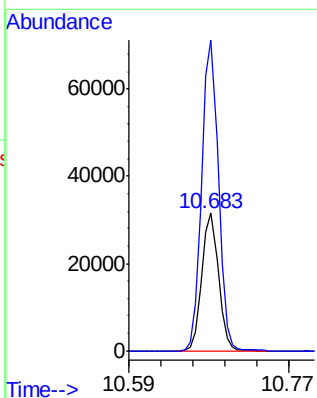
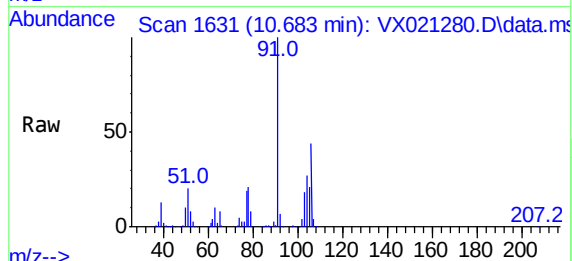




#54
o-xylene
Concen: 5.07 ug/L
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

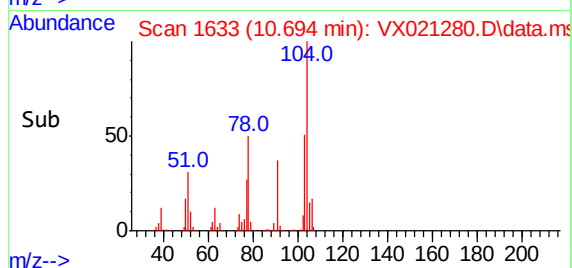
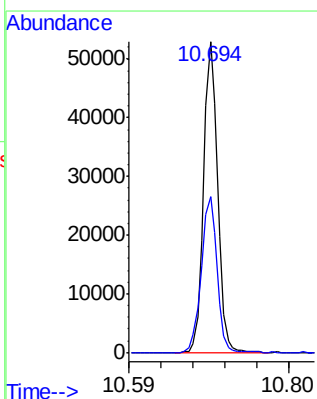
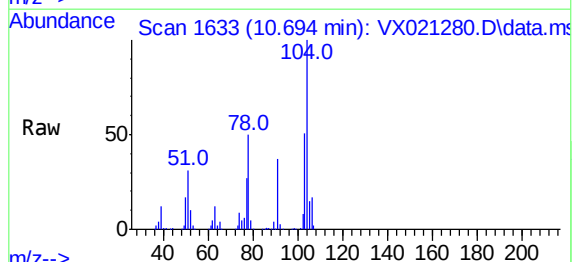
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

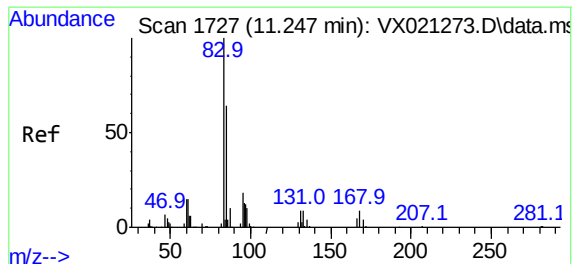
Tgt Ion:106 Resp: 39755
Ion Ratio Lower Upper
106 100
91 226.3 151.1 280.7



#55
Styrene
Concen: 5.11 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:104 Resp: 68734
Ion Ratio Lower Upper
104 100
78 50.3 30.3 56.3

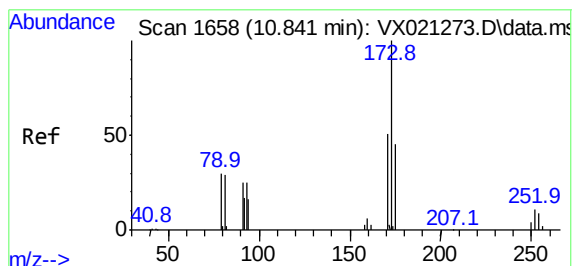
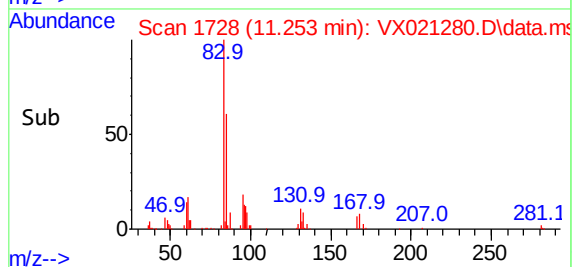
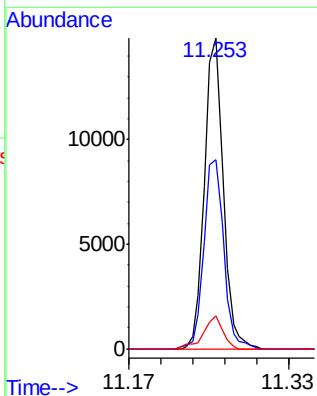
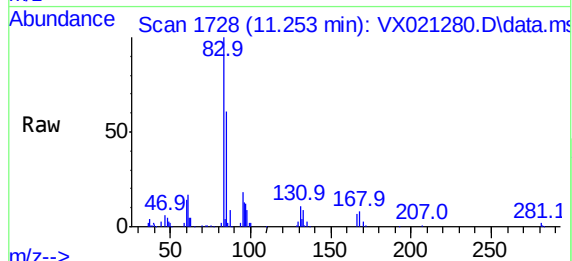




#57
1,1,2,2-Tetrachloroethane
Concen: 5.10 ug/L
RT: 11.253 min Scan# 1728
Delta R.T. 0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

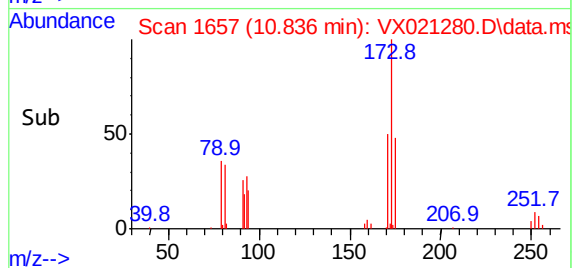
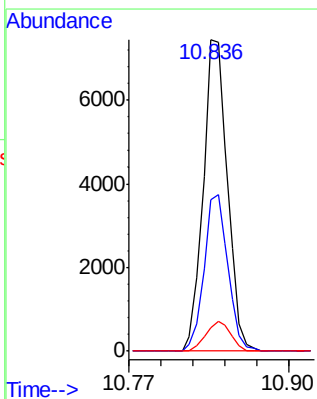
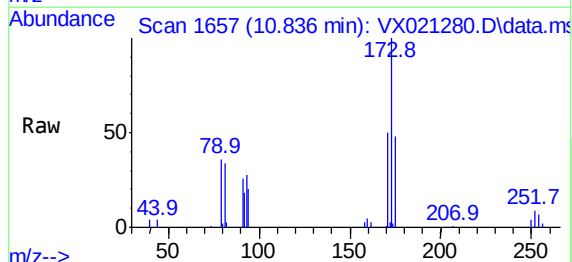
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

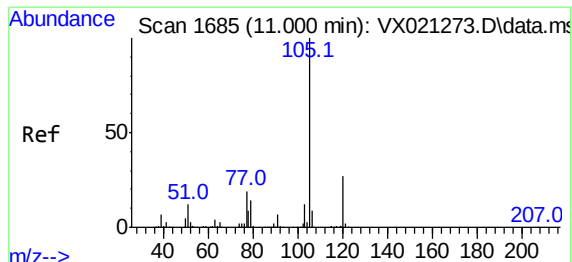
Tgt Ion: 83 Resp: 19302
Ion Ratio Lower Upper
83 100
85 60.9 44.6 82.8
131 10.6 8.2 12.2



#59
Bromoform
Concen: 4.89 ug/L
RT: 10.836 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

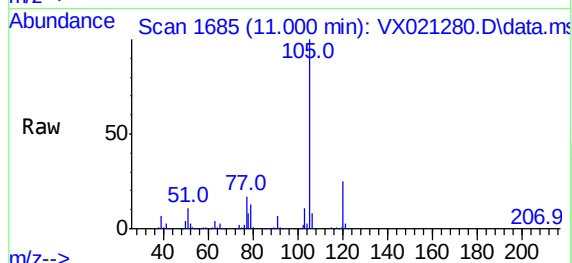
Tgt Ion: 173 Resp: 10342
Ion Ratio Lower Upper
173 100
175 49.1 38.0 57.0
254 9.5 8.8 13.2





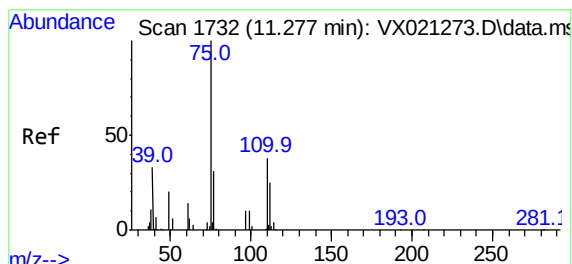
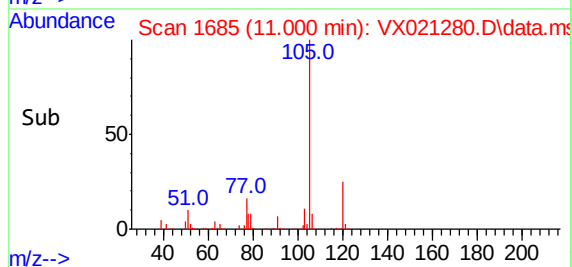
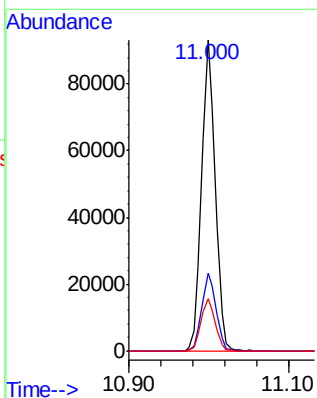
#60
Isopropylbenzene
Concen: 5.25 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
VSTD005309



Tgt Ion:105 Resp: 110843

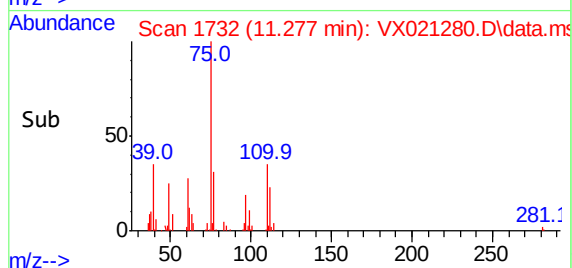
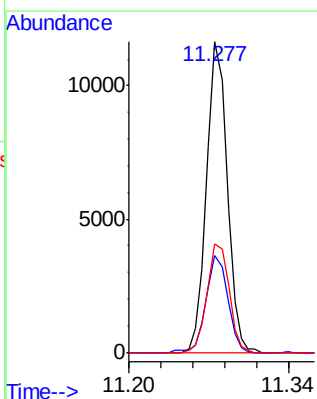
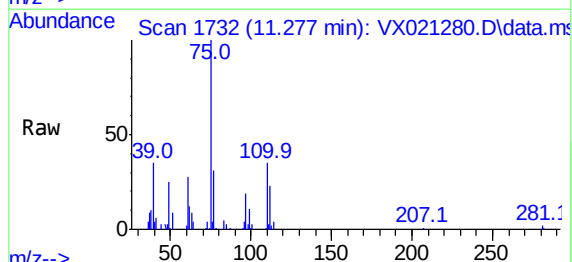
Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	17.4	12.4	18.6

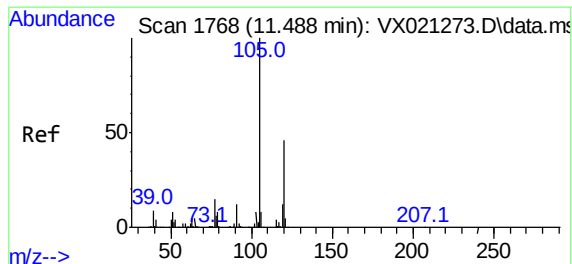


#61
1,2,3-Trichloropropane
Concen: 5.09 ug/L
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 75 Resp: 14749

Ion	Ratio	Lower	Upper
75	100		
77	32.6	26.3	39.5
110	37.1	32.1	48.1

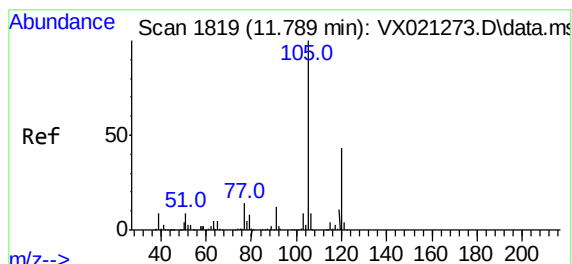
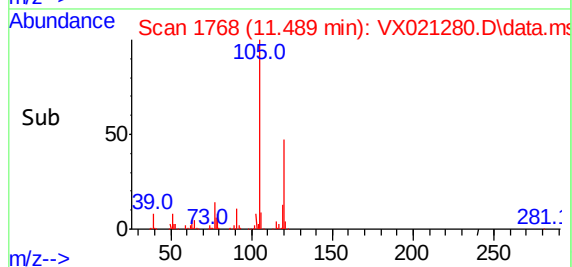
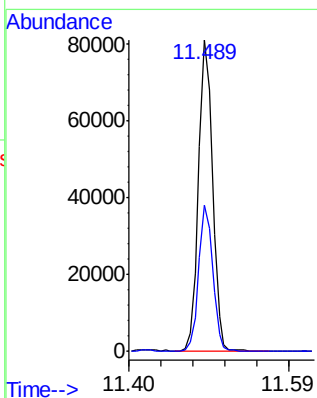
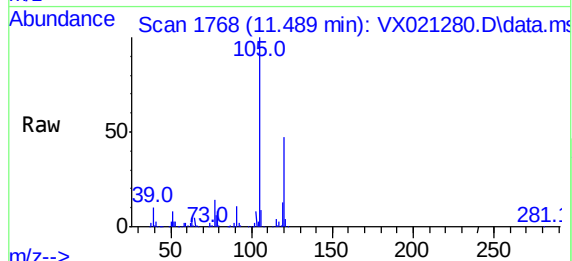




#62
1,3,5-Trimethylbenzene
Concen: 5.25 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

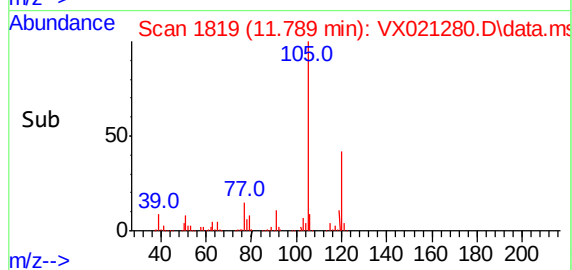
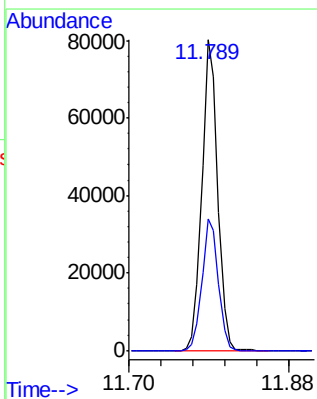
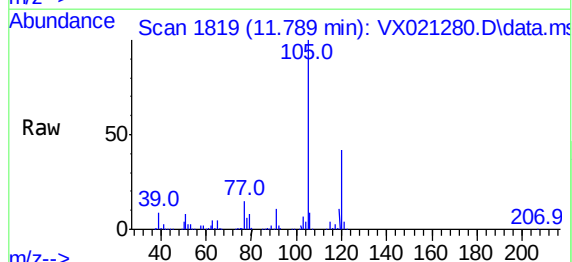
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

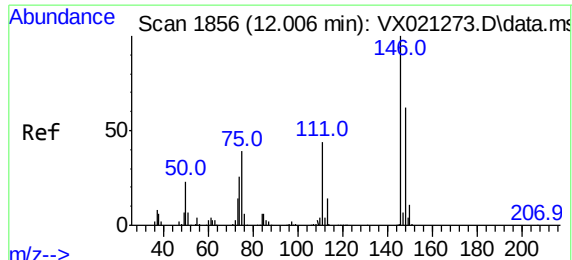
Tgt Ion:105 Resp: 95143
Ion Ratio Lower Upper
105 100
120 46.7 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 5.21 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:105 Resp: 95040
Ion Ratio Lower Upper
105 100
120 43.4 36.5 54.7

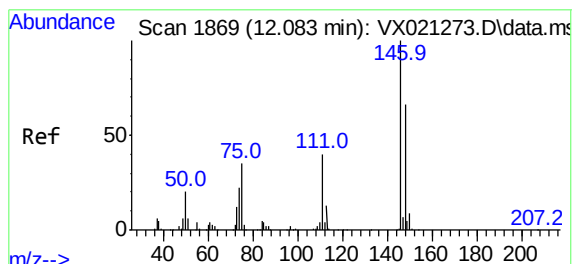
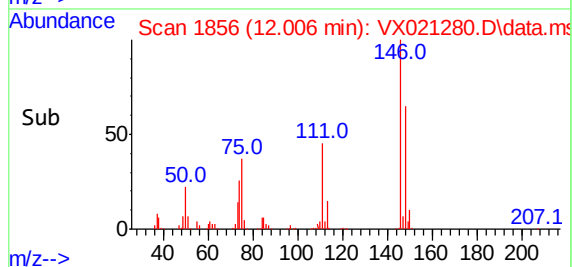
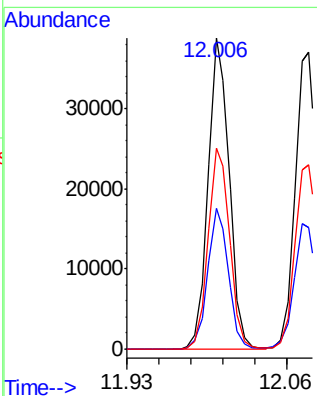
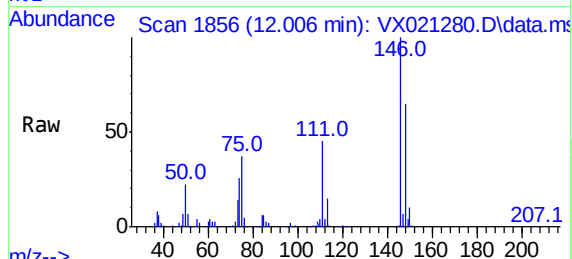




#64
1,3-Dichlorobenzene
Concen: 4.95 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

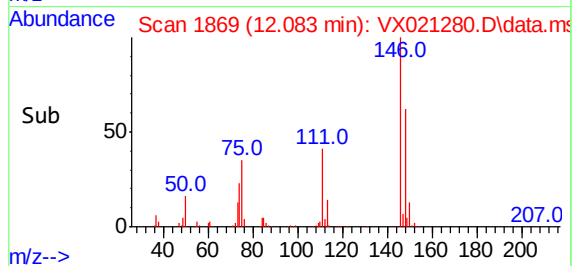
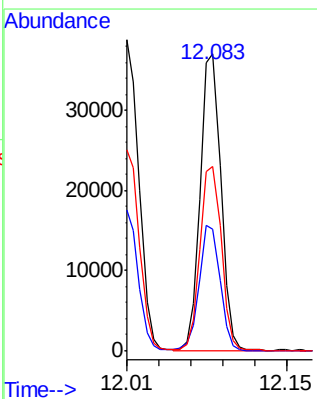
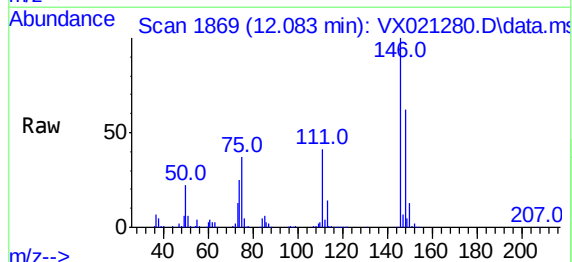
Instrument :
MSVOA_X
ClientSampled :
VSTD005309

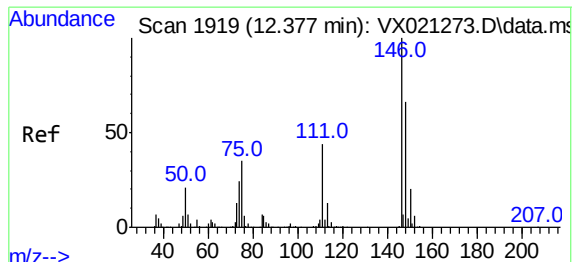
Tgt Ion:146 Resp: 46934
Ion Ratio Lower Upper
146 100
111 45.3 28.2 52.4
148 64.5 41.7 77.5



#65
1,4-Dichlorobenzene
Concen: 4.92 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:146 Resp: 46901
Ion Ratio Lower Upper
146 100
111 40.9 26.2 48.8
148 62.3 44.1 81.9

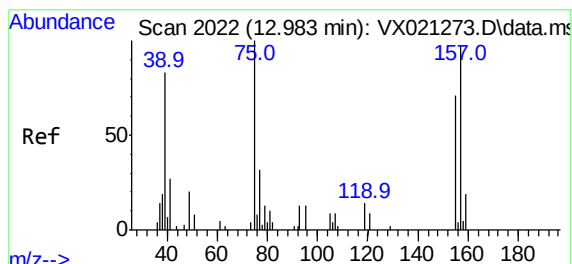
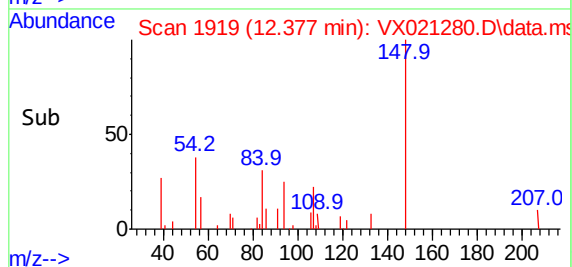
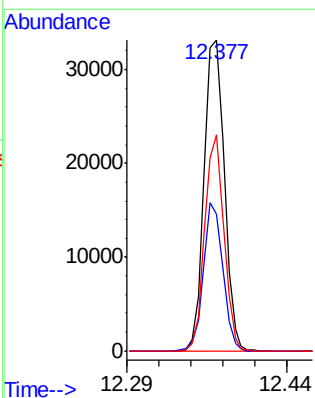
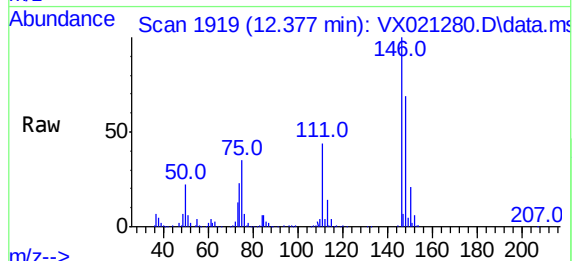




#67
1,2-Dichlorobenzene
Concen: 5.19 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

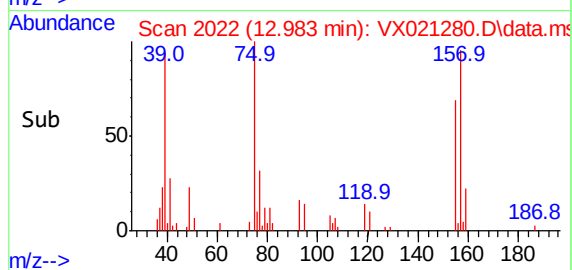
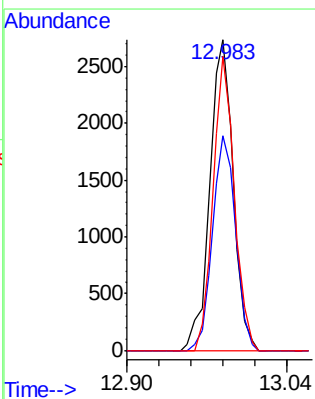
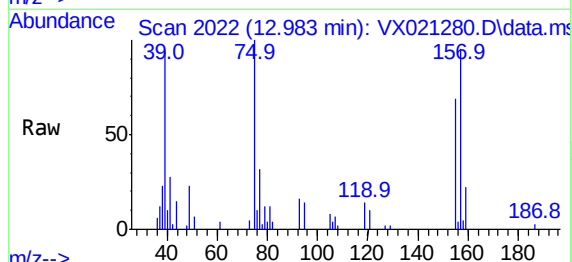
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

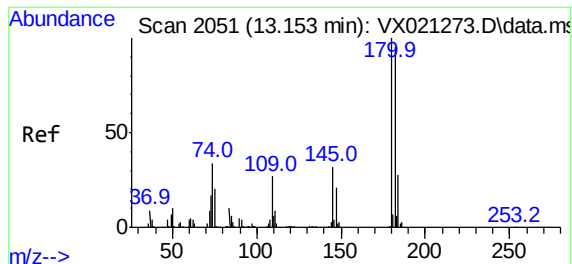
Tgt Ion:146 Resp: 44115
Ion Ratio Lower Upper
146 100
111 44.0 36.3 54.5
148 69.3 51.5 77.3



#68
1,2-Dibromo-3-chloropropane
Concen: 5.11 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion: 75 Resp: 3666
Ion Ratio Lower Upper
75 100
155 69.1 69.8 104.8#
157 94.8 90.0 135.0

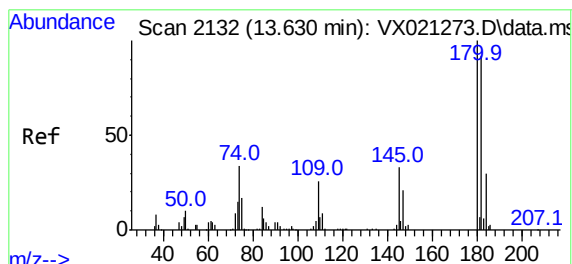
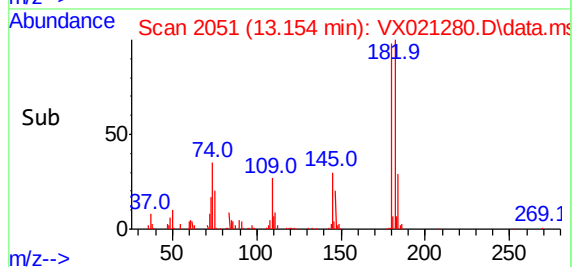
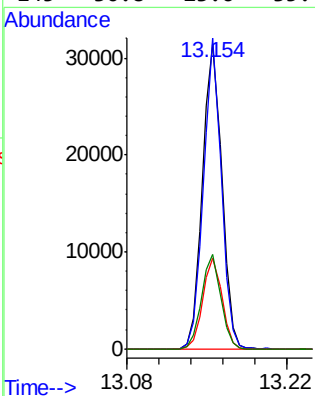
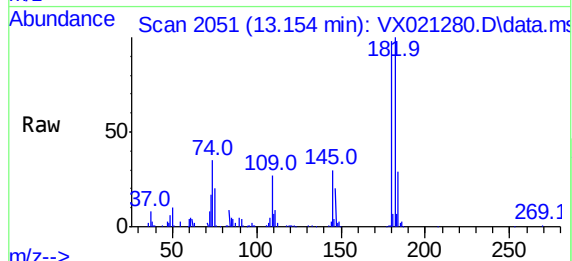




#69
1,3,5-Trichlorobenzene
Concen: 5.24 ug/L
RT: 13.154 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

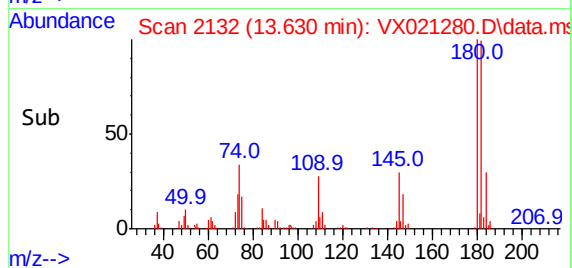
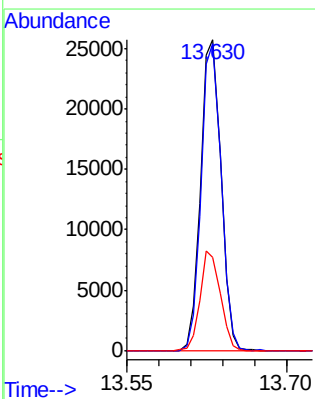
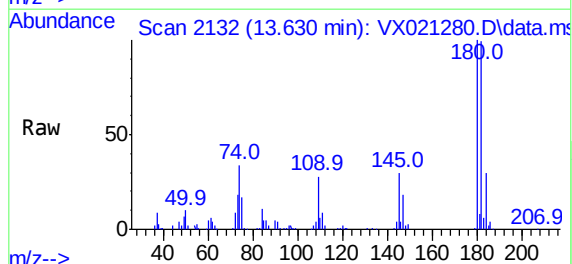
Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

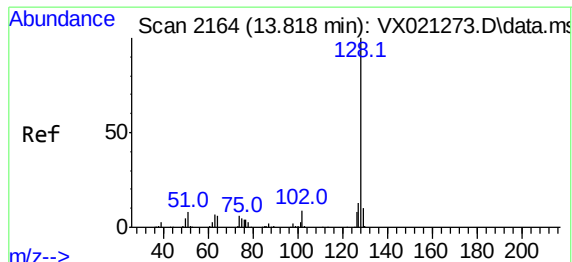
Tgt Ion:180 Resp: 37109
Ion Ratio Lower Upper
180 100
182 93.3 77.0 115.4
184 29.5 24.6 36.8
145 30.8 23.6 35.4



#70
1,2,4-trichlorobenzene
Concen: 5.27 ug/L
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:180 Resp: 31902
Ion Ratio Lower Upper
180 100
182 97.0 74.3 111.5
145 31.9 24.1 36.1

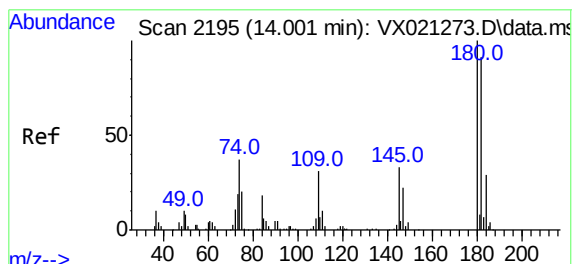
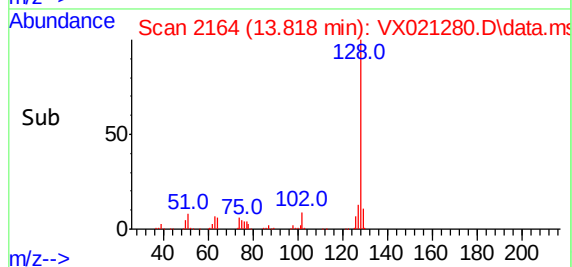
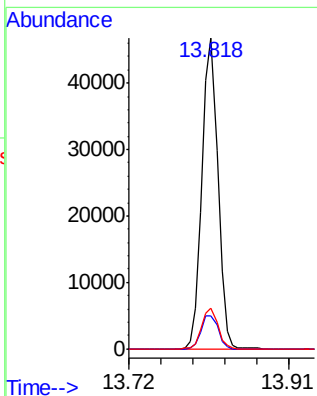
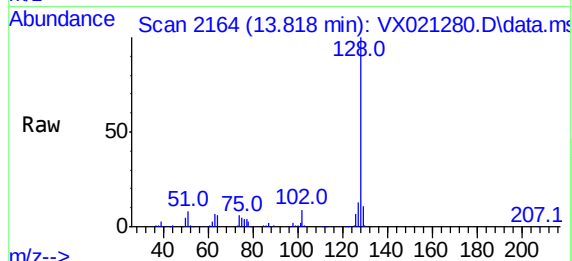




#71
Naphthalene
Concen: 5.18 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Instrument :
MSVOA_X
ClientSampleId :
VSTD005309

Tgt Ion:128 Resp: 56665
Ion Ratio Lower Upper
128 100
129 11.2 8.4 12.6
127 13.2 10.1 15.1



#72
1,2,3-Trichlorobenzene
Concen: 5.27 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX021280.D
Acq: 18 Mar 2021 14:52

Tgt Ion:180 Resp: 27966
Ion Ratio Lower Upper
180 100
182 93.5 79.3 118.9
145 32.9 26.5 39.7

