

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030321\
 Data File : VX020962.D
 Acq On : 02 Mar 2021 10:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050443

Quant Time: Mar 03 01:00:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML022621WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.823	114	296602	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.094	117	278545	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.059	152	124537	50.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.393	65	96044	48.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.38%
7) Chloroethane-d5	1.693	69	87966	53.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.24%
11) 1,1-Dichloroethene-d2	2.346	63	189317	50.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.54%
21) 2-Butanone-d5	4.523	46	136749	112.44	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	5.135	84	208205	55.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.56%
26) 1,2-Dichloroethane-d4	6.029	65	130564	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.40%
32) Benzene-d6	6.047	84	416681	50.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.12%
36) 1,2-Dichloropropane-d6	7.365	67	130842	51.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.98%
41) Toluene-d8	8.694	98	370770	50.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.24%
43) trans-1,3-Dichloroprop...	8.988	79	67352	50.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.78%
47) 2-Hexanone-d5	9.424	63	102922	99.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.84%
56) 1,1,2,2-Tetrachloroeth...	11.230	84	161209	51.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.22%
66) 1,2-Dichlorobenzene-d4	12.359	152	127235	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.187	85	113169	50.69	ug/L 99
3) Chloromethane	1.311	50	105208	52.56	ug/L 97
5) Vinyl chloride	1.393	62	119126	50.41	ug/L 99
6) Bromomethane	1.634	94	58842	52.59	ug/L 98
8) Chloroethane	1.711	64	74506	50.41	ug/L 99
9) Trichlorofluoromethane	1.917	101	157059	50.93	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.364	101	105823	51.81	ug/L 98
12) 1,1-Dichloroethene	2.358	96	98674	49.67	ug/L 91
13) Acetone	2.417	43	122333	118.32	ug/L 100
14) Carbon disulfide	2.552	76	280367	48.66	ug/L 100
15) Methyl Acetate	2.746	43	92745	47.60	ug/L 99
16) Methylene chloride	2.835	84	110894	50.00	ug/L 96
17) trans-1,2-Dichloroethene	3.140	96	105064	49.34	ug/L 94
18) Methyl tert-butyl Ether	3.164	73	335684	48.10	ug/L 99
19) 1,1-Dichloroethane	3.670	63	187173	50.22	ug/L 99
20) cis-1,2-Dichloroethene	4.564	96	119400	50.26	ug/L 94
22) 2-Butanone	4.629	43	152899	104.19	ug/L 100
23) Bromochloromethane	4.970	128	30018	25.47	ug/L 95
25) Chloroform	5.170	83	198026	49.75	ug/L 96
27) 1,2-Dichloroethane	6.158	62	146438	50.04	ug/L 96

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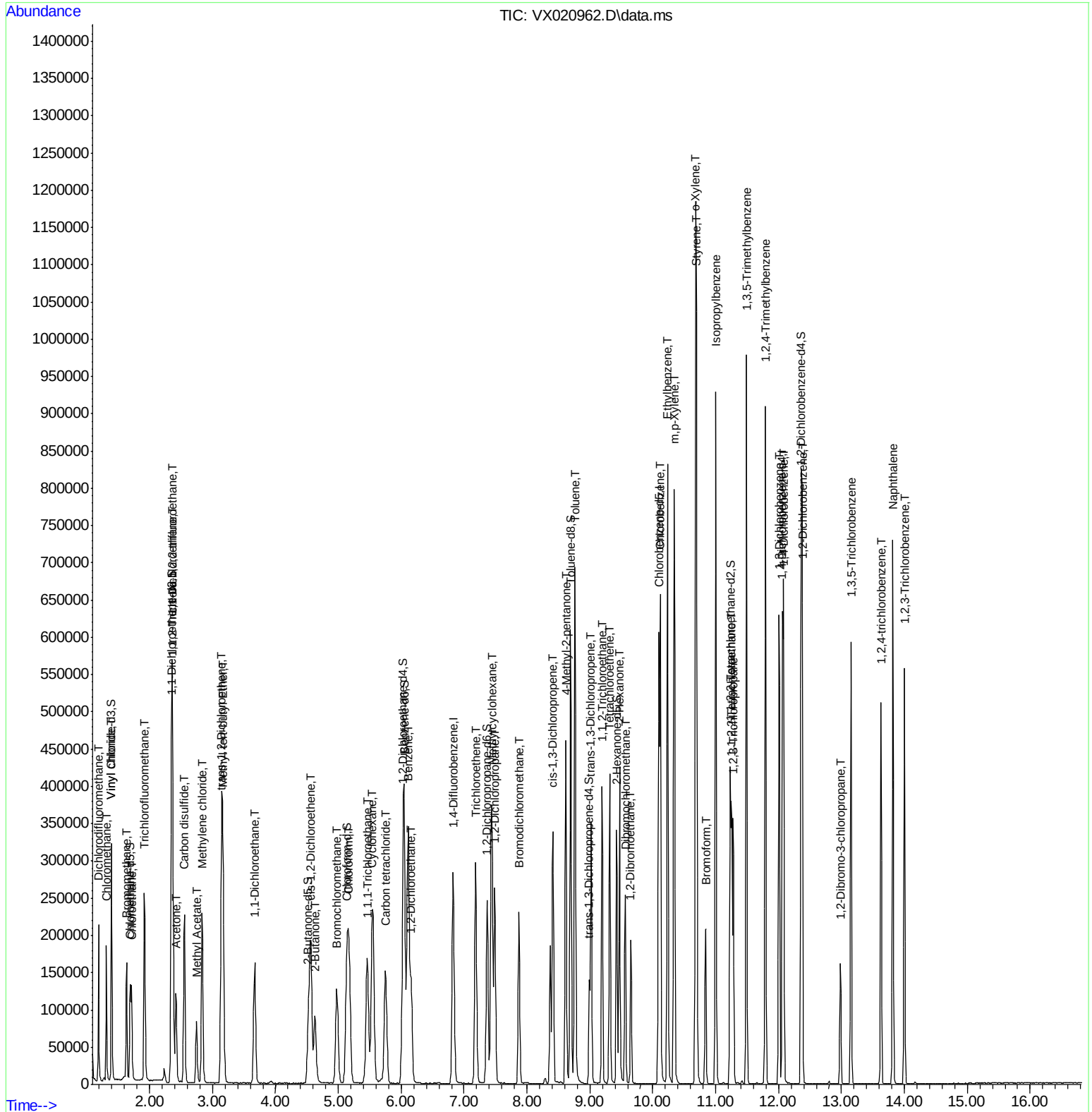
Instrument :
 MSVOA_X
 ClientSampleId :
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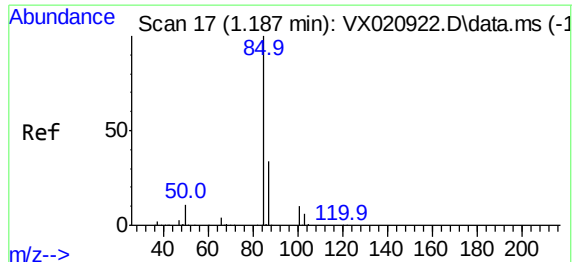
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 Quant Title : VOC Analysis
 QLast Update : Fri Feb 26 12:33:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.541	56	166277	47.11	ug/L	98
30) 1,1,1-Trichloroethane	5.464	97	167845	46.97	ug/L	99
31) Carbon tetrachloride	5.747	117	140041	47.28	ug/L	100
33) Benzene	6.111	78	433757	47.60	ug/L	100
34) Trichloroethene	7.182	95	114189	47.12	ug/L	94
35) Methylcyclohexane	7.441	83	181929	49.03	ug/L	96
37) 1,2-Dichloropropane	7.488	63	108686	47.62	ug/L	98
38) Bromodichloromethane	7.870	83	152735	48.22	ug/L	99
39) cis-1,3-Dichloropropene	8.412	75	180200	48.20	ug/L	100
40) 4-Methyl-2-pentanone	8.618	43	255009	91.32	ug/L	97
42) Toluene	8.765	91	469015	49.43	ug/L	98
44) trans-1,3-Dichloropropene	9.018	75	170770	47.82	ug/L	100
45) 1,1,2-Trichloroethane	9.194	97	109885	48.45	ug/L	98
46) Tetrachloroethene	9.318	164	85674	49.46	ug/L	94
48) 2-Hexanone	9.471	43	205062	96.30	ug/L	99
49) Dibromochloromethane	9.565	129	117574	49.09	ug/L	98
50) 1,2-Dibromoethane	9.647	107	113162	47.96	ug/L	93
51) Chlorobenzene	10.118	112	285205	47.56	ug/L	96
52) Ethylbenzene	10.235	91	510898	49.00	ug/L	99
53) m,p-Xylene	10.341	106	190042	48.32	ug/L	99
54) o-Xylene	10.683	106	183407	47.85	ug/L	100
55) Styrene	10.694	104	323460	48.54	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.247	83	147313	45.30	ug/L	100
59) Bromoform	10.841	173	77033	49.01	ug/L	100
60) Isopropylbenzene	11.000	105	489638	51.26	ug/L	99
61) 1,2,3-Trichloropropane	11.277	75	121229	48.50	ug/L	98
62) 1,3,5-Trimethylbenzene	11.489	105	404540	51.75	ug/L	97
63) 1,2,4-Trimethylbenzene	11.789	105	404560	51.42	ug/L	100
64) 1,3-Dichlorobenzene	12.006	146	205724	50.36	ug/L	93
65) 1,4-Dichlorobenzene	12.083	146	203659	49.78	ug/L	95
67) 1,2-Dichlorobenzene	12.377	146	199990	49.58	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.983	75	32140	46.72	ug/L	90
69) 1,3,5-Trichlorobenzene	13.153	180	151036	54.32	ug/L	97
70) 1,2,4-trichlorobenzene	13.630	180	131133	53.34	ug/L	99
71) Naphthalene	13.818	128	461120	51.75	ug/L	99
72) 1,2,3-Trichlorobenzene	14.001	180	128644	51.47	ug/L	95

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

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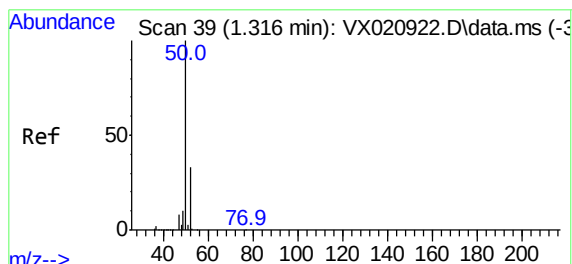
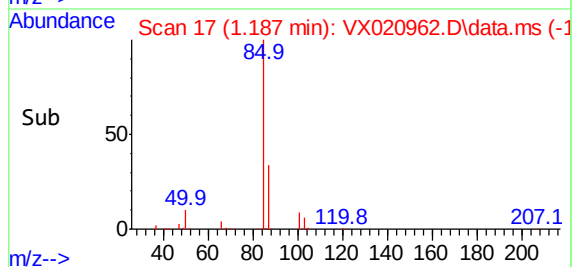
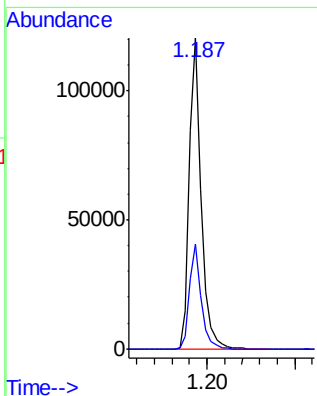
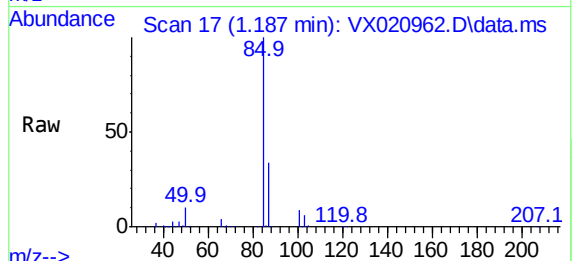


#2

Dichlorodifluoromethane
 Concen: 50.69 ug/L
 RT: 1.187 min Scan# 17
 Delta R.T. 0.000 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050443

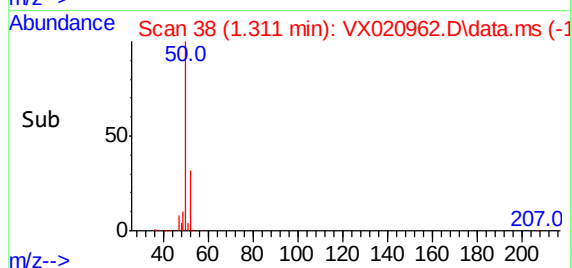
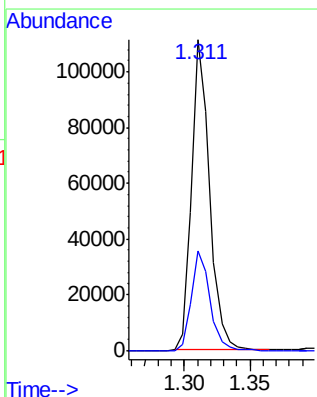
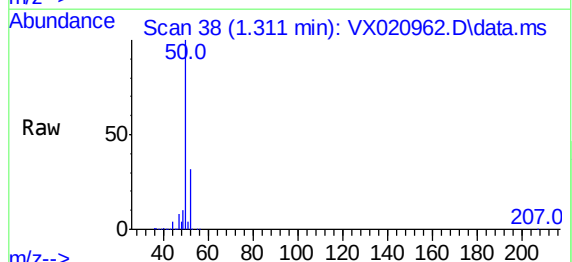
Tgt Ion: 85 Resp: 113169
 Ion Ratio Lower Upper
 85 100
 87 32.9 25.9 38.9

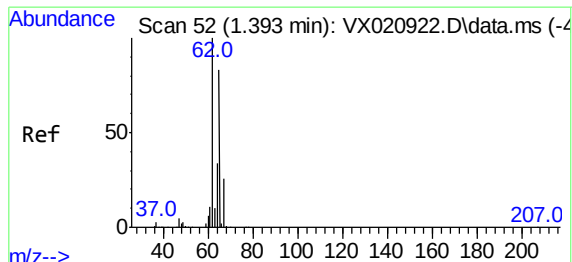


#3

Chloromethane
 Concen: 52.56 ug/L
 RT: 1.311 min Scan# 38
 Delta R.T. -0.006 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

Tgt Ion: 50 Resp: 105208
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.7 43.9

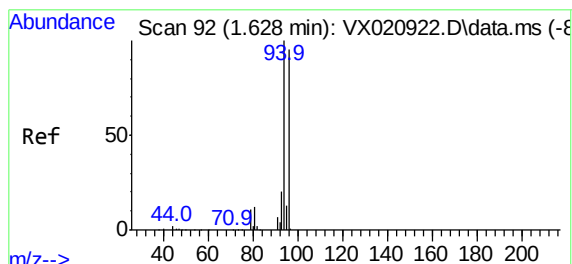
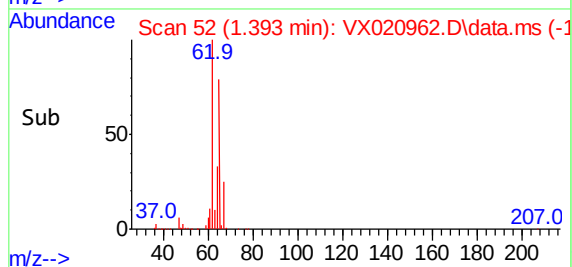
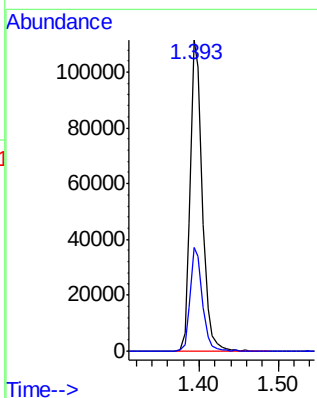
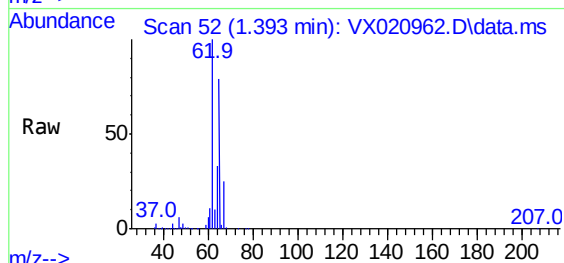




#5
 Vinyl chloride
 Concen: 50.41 ug/L
 RT: 1.393 min Scan# 52
 Delta R.T. 0.000 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

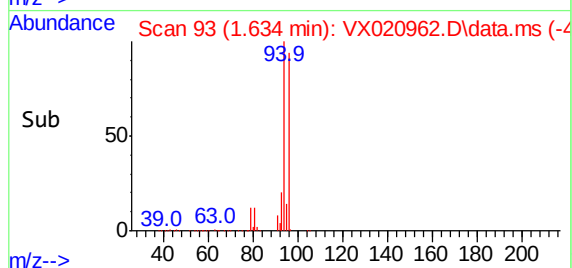
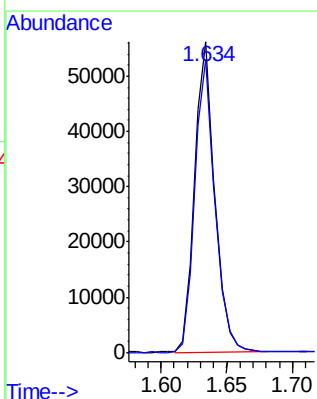
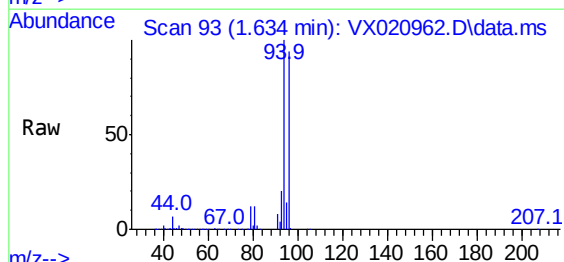
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 ClientSampleId :
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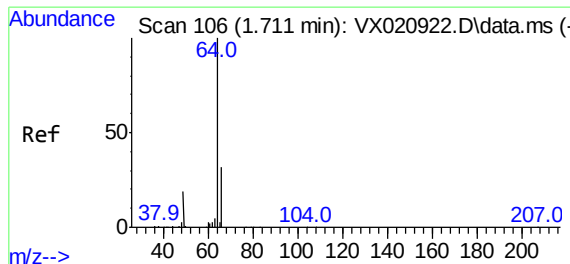
Tgt Ion: 62 Resp: 119126
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.7 42.3



#6
 Bromomethane
 Concen: 52.59 ug/L
 RT: 1.634 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

Tgt Ion: 94 Resp: 58842
 Ion Ratio Lower Upper
 94 100
 96 94.1 64.8 120.3

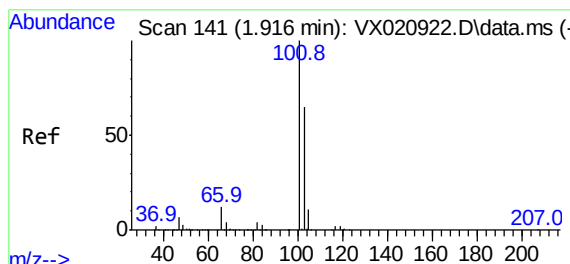
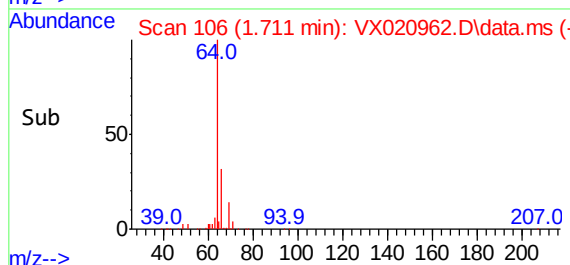
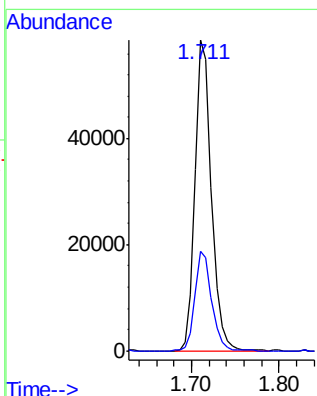
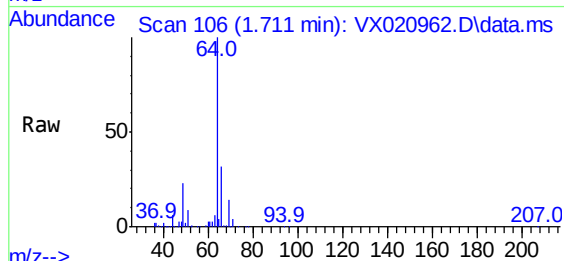




#8
Chloroethane
Concen: 50.41 ug/L
RT: 1.711 min Scan# 106
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

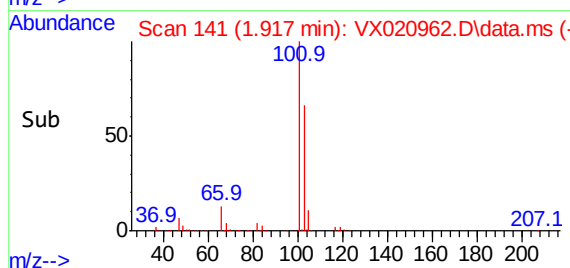
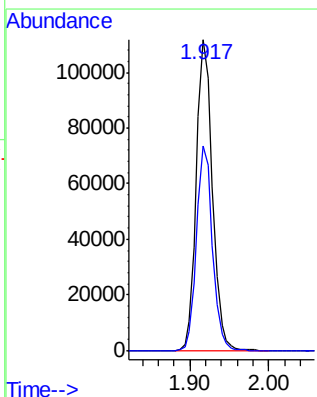
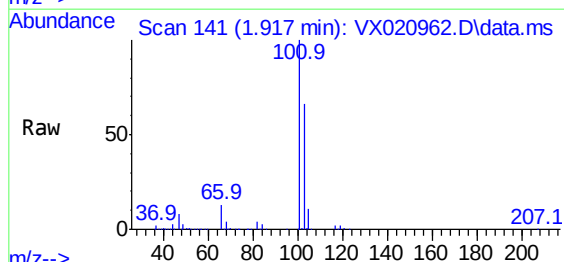
Instrument :
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ClientSampleId :
VSTD050443

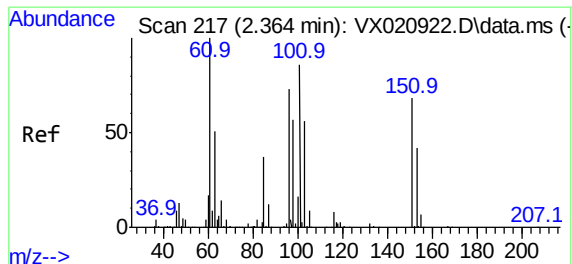
Tgt Ion: 64 Resp: 74506
Ion Ratio Lower Upper
64 100
66 31.8 22.0 41.0



#9
Trichlorofluoromethane
Concen: 50.93 ug/L
RT: 1.917 min Scan# 141
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:101 Resp: 157059
Ion Ratio Lower Upper
101 100
103 65.0 52.2 78.2



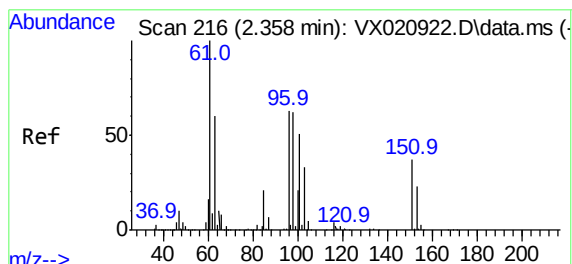
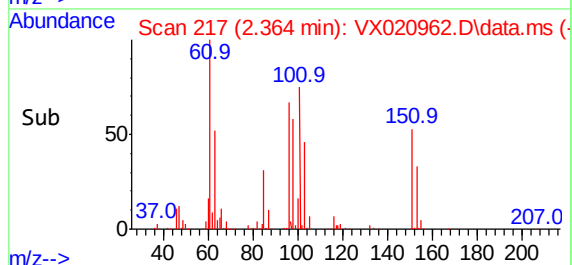
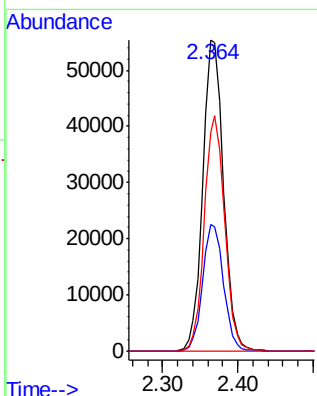
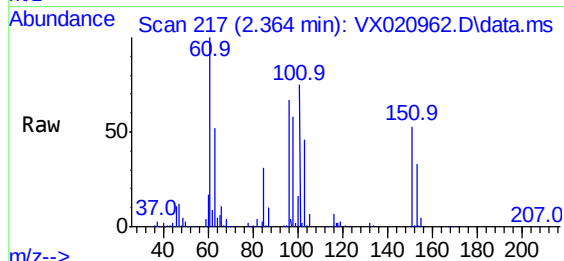


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 51.81 ug/L
 RT: 2.364 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050443

Tgt Ion:101 Resp: 105823

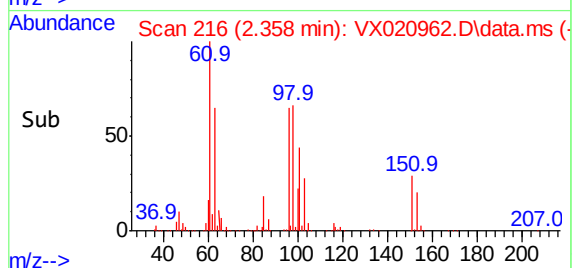
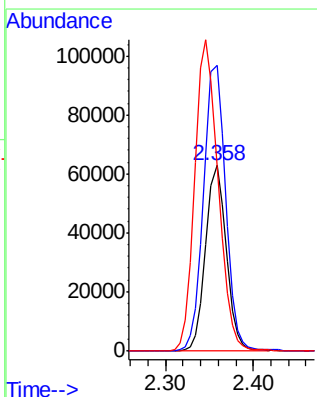
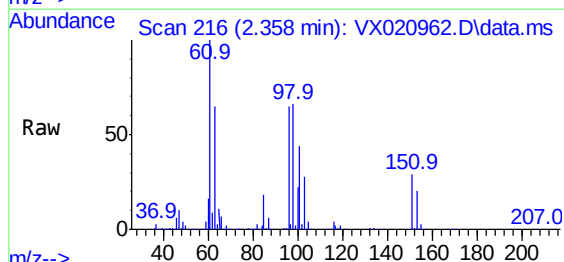
Ion	Ratio	Lower	Upper
101	100		
85	41.0	34.3	51.5
151	74.0	60.7	91.1

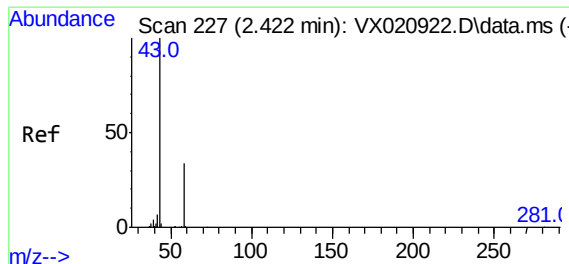


#12
 1,1-Dichloroethene
 Concen: 49.67 ug/L
 RT: 2.358 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VX020962.D
 Acq: 02 Mar 2021 10:16

Tgt Ion: 96 Resp: 98674

Ion	Ratio	Lower	Upper
96	100		
61	154.4	115.5	214.5
63	99.9	77.3	143.7

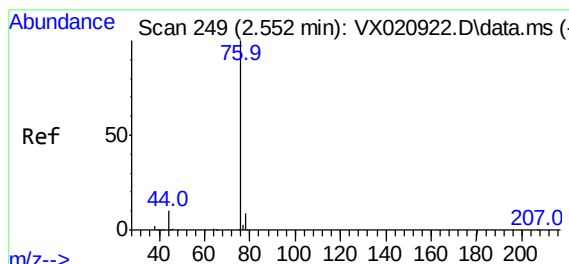
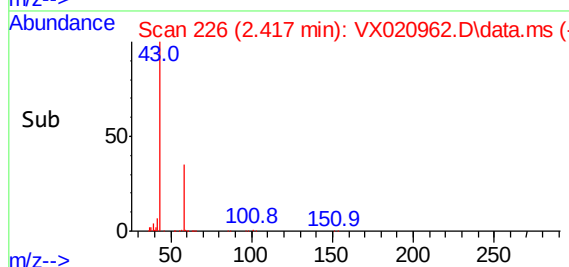
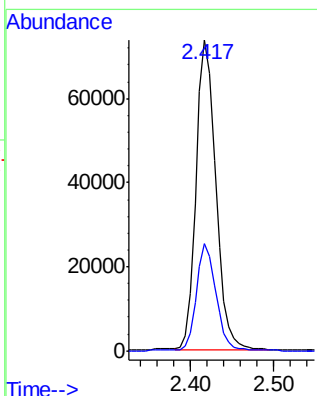
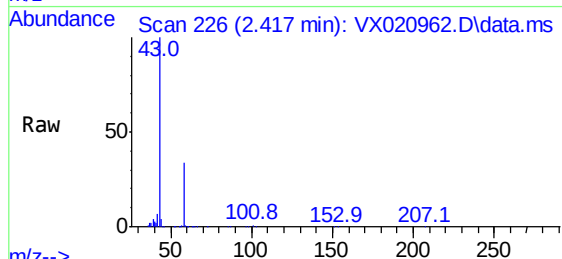




#13
Acetone
Concen: 118.32 ug/L
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

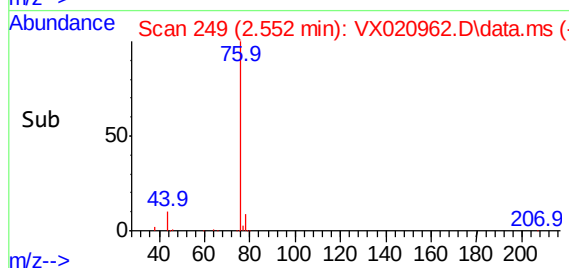
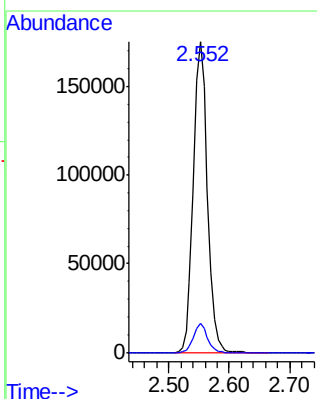
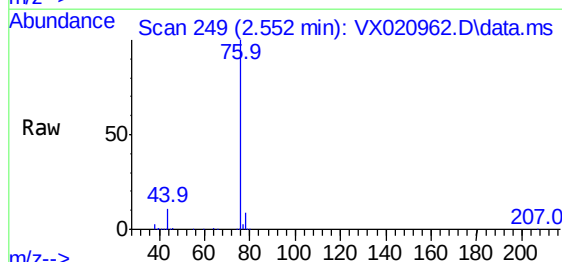
Instrument :
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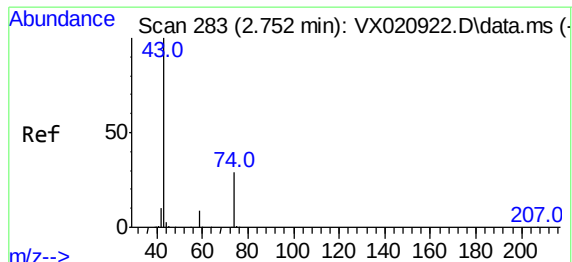
Tgt Ion: 43 Resp: 122333
Ion Ratio Lower Upper
43 100
58 34.3 0.0 68.2



#14
Carbon disulfide
Concen: 48.66 ug/L
RT: 2.552 min Scan# 249
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 76 Resp: 280367
Ion Ratio Lower Upper
76 100
78 9.5 7.6 11.4

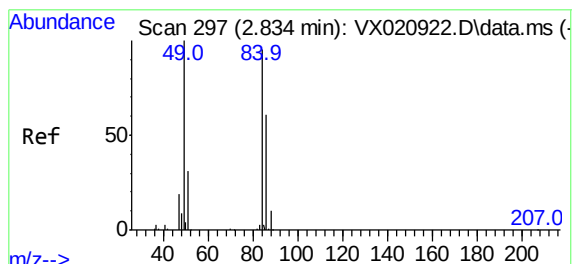
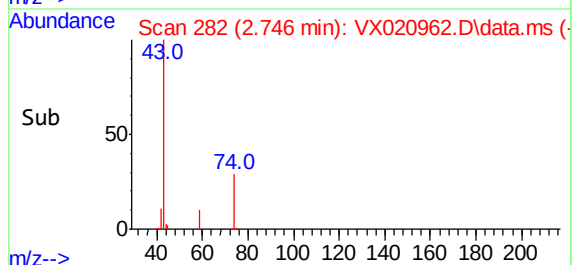
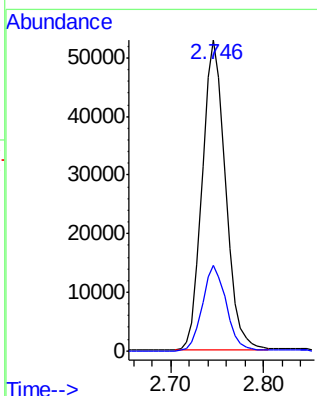
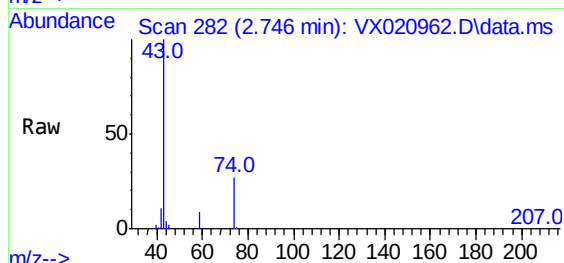




#15
Methyl Acetate
Concen: 47.60 ug/L
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

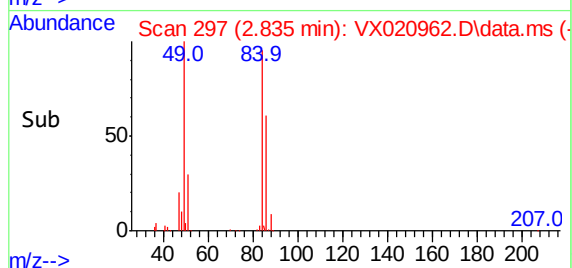
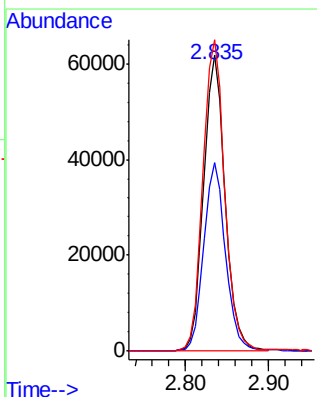
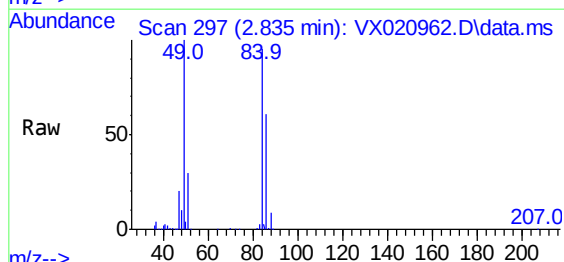
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

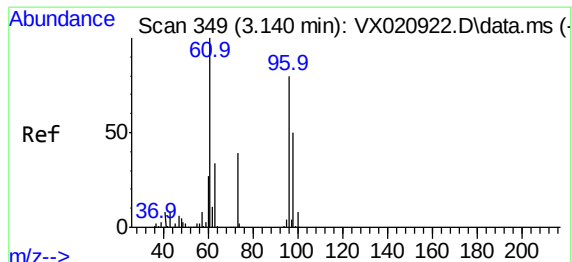
Tgt Ion: 43 Resp: 92745
Ion Ratio Lower Upper
43 100
74 27.9 21.7 32.5



#16
Methylene chloride
Concen: 50.00 ug/L
RT: 2.835 min Scan# 297
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 84 Resp: 110894
Ion Ratio Lower Upper
84 100
86 63.8 44.2 82.0
49 105.2 77.8 144.6





#17

trans-1,2-Dichloroethene

Concen: 49.34 ug/L

RT: 3.140 min Scan# 349

Delta R.T. 0.000 min

Lab File: VX020962.D

Acq: 02 Mar 2021 10:16

Instrument :

MSVOA_X

ClientSampleId :

VSTD050443

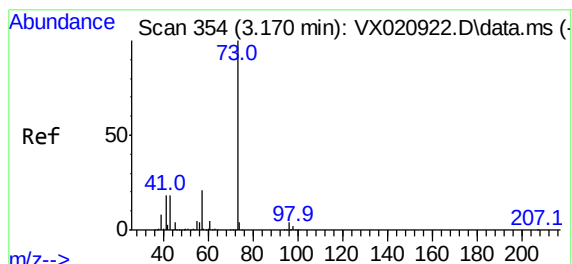
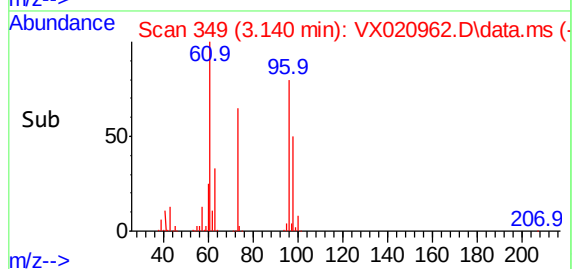
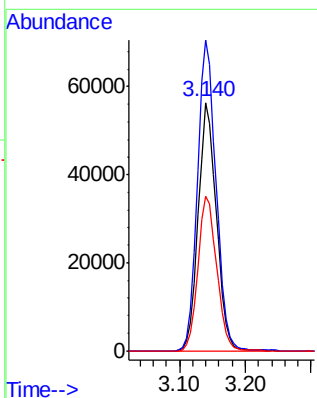
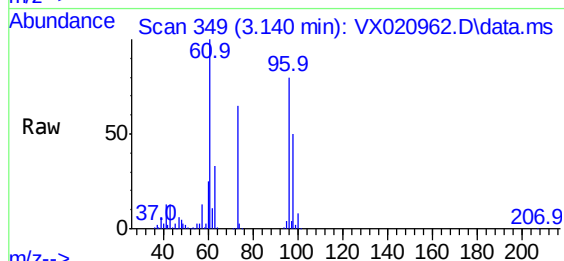
Tgt Ion: 96 Resp: 105064

Ion Ratio Lower Upper

96 100

61 125.0 92.3 171.3

98 62.2 46.3 85.9



#18

Methyl tert-butyl Ether

Concen: 48.10 ug/L

RT: 3.164 min Scan# 353

Delta R.T. -0.006 min

Lab File: VX020962.D

Acq: 02 Mar 2021 10:16

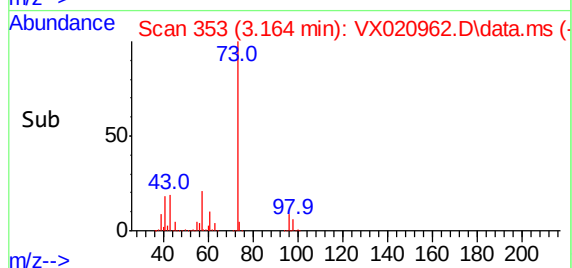
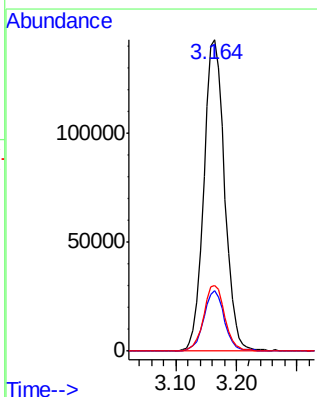
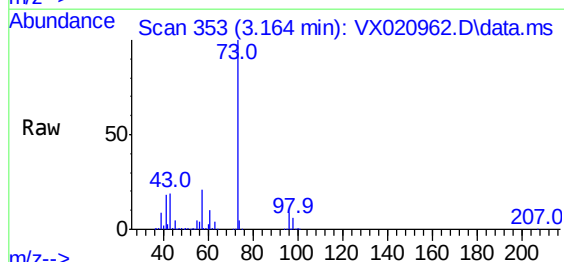
Tgt Ion: 73 Resp: 335684

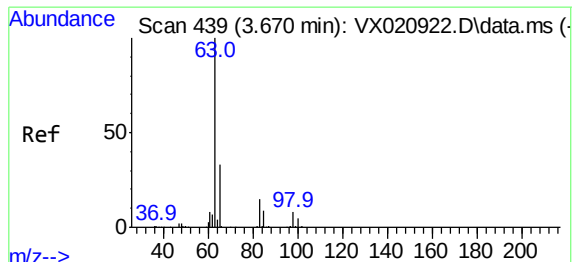
Ion Ratio Lower Upper

73 100

43 18.9 15.1 22.7

57 21.1 17.4 26.2

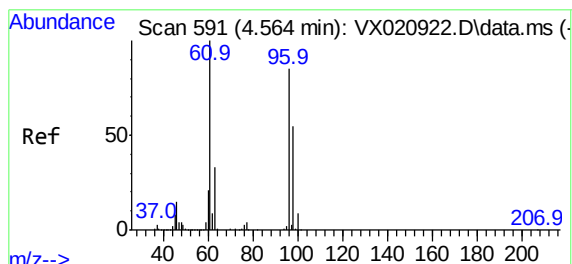
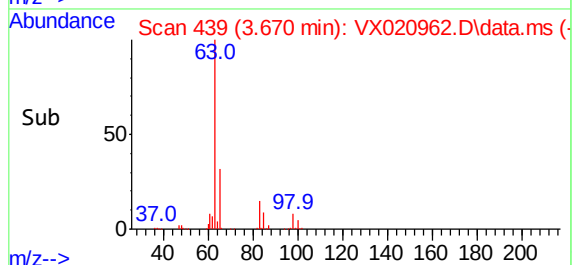
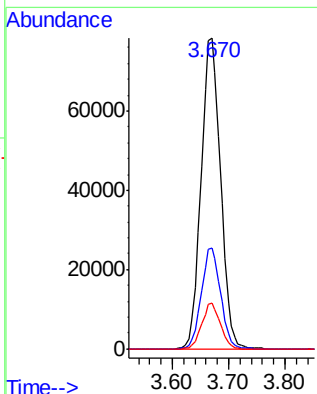
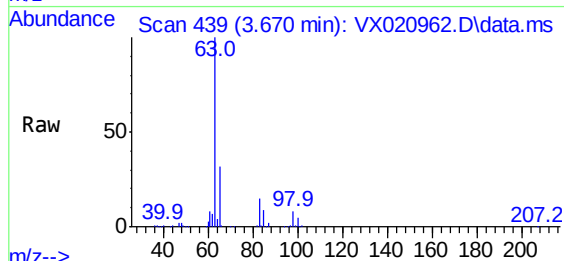




#19
1,1-Dichloroethane
Concen: 50.22 ug/L
RT: 3.670 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

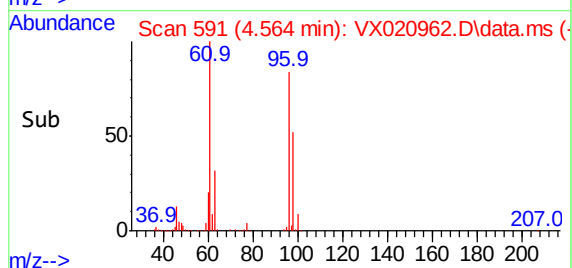
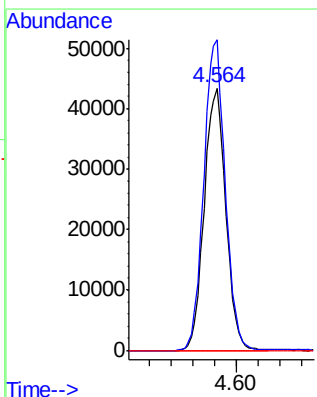
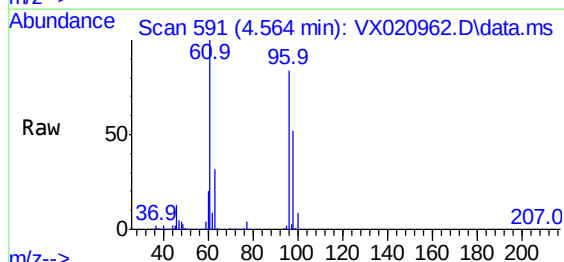
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

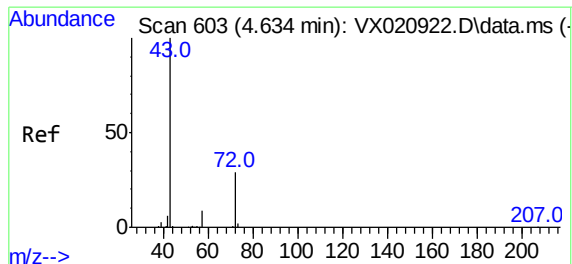
Tgt Ion: 63 Resp: 187173
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 14.6 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 50.26 ug/L
RT: 4.564 min Scan# 591
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 96 Resp: 119400
Ion Ratio Lower Upper
96 100
61 118.5 87.8 163.0
68 0.0 0.0 0.0

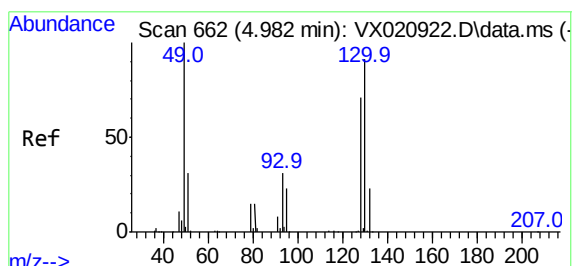
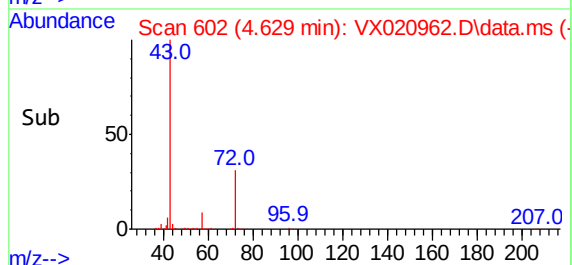
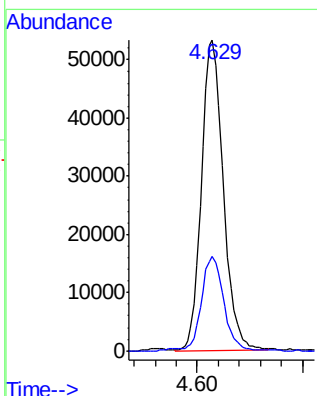
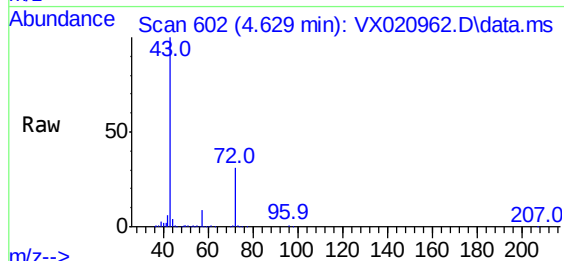




#22
2-Butanone
Concen: 104.19 ug/L
RT: 4.629 min Scan# 602
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

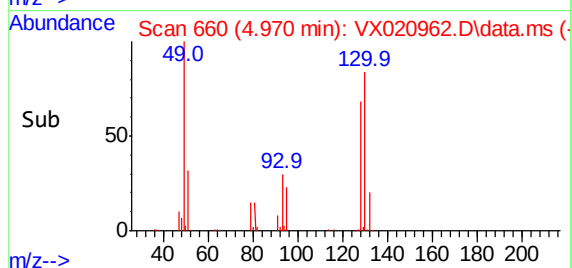
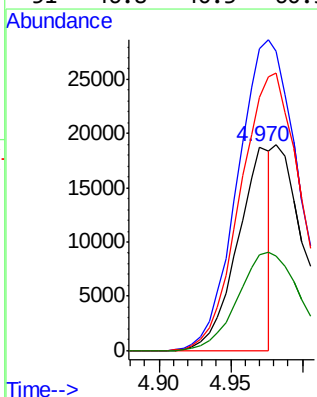
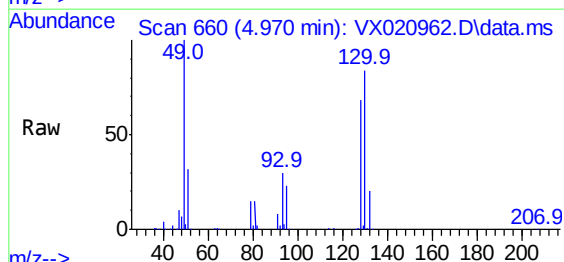
Instrument :
MSVOA_X
ClientSampleID :
VSTD050443

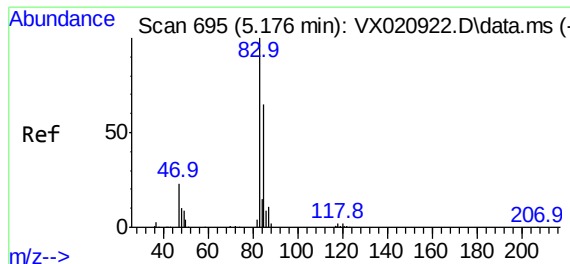
Tgt Ion: 43 Resp: 152899
Ion Ratio Lower Upper
43 100
72 30.3 15.3 45.8



#23
Bromochloromethane
Concen: 25.47 ug/L
RT: 4.970 min Scan# 660
Delta R.T. -0.011 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:128 Resp: 30018
Ion Ratio Lower Upper
128 100
49 148.1 107.5 199.7
130 124.1 91.1 169.3
51 46.8 40.3 60.5

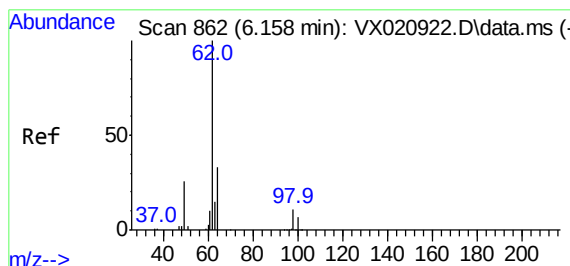
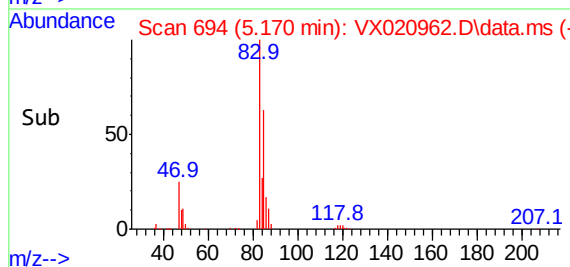
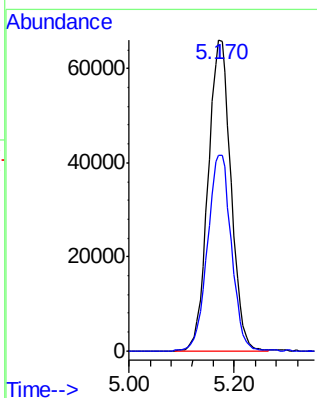
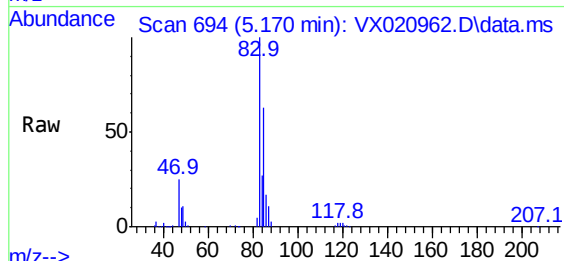




#25
Chloroform
Concen: 49.75 ug/L
RT: 5.170 min Scan# 694
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

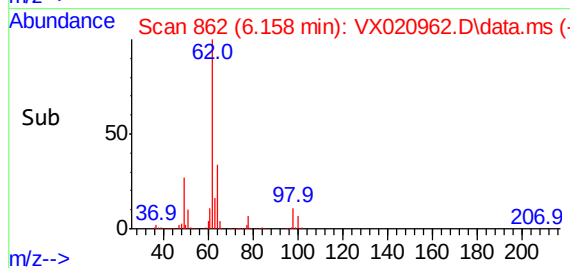
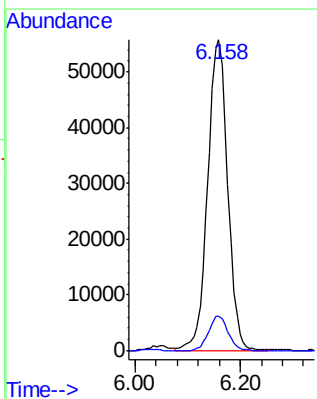
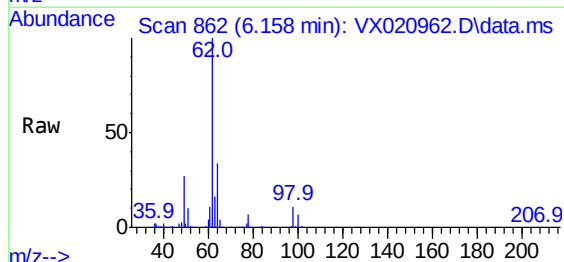
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

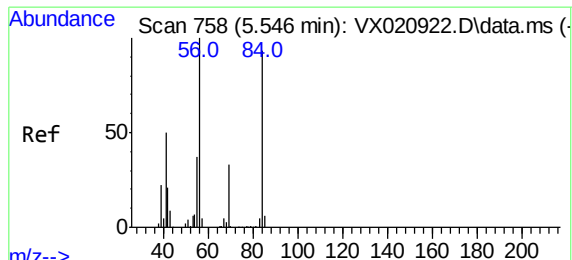
Tgt Ion: 83 Resp: 198026
Ion Ratio Lower Upper
83 100
85 62.7 46.3 85.9



#27
1,2-Dichloroethane
Concen: 50.04 ug/L
RT: 6.158 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 62 Resp: 146438
Ion Ratio Lower Upper
62 100
98 11.2 7.9 11.9

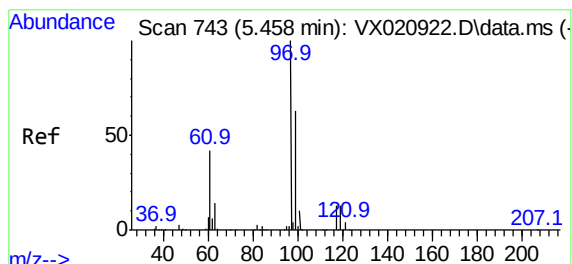
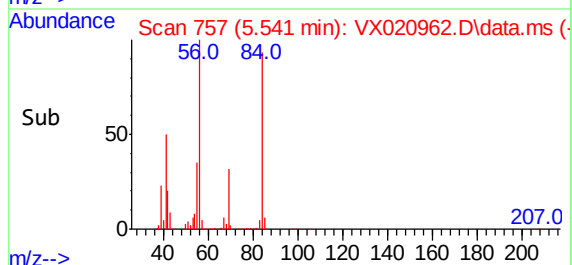
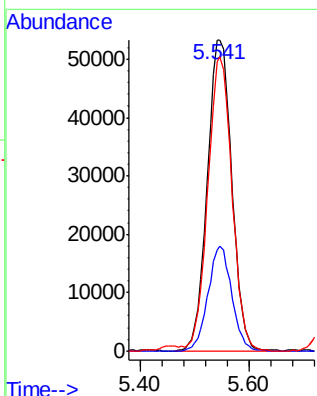
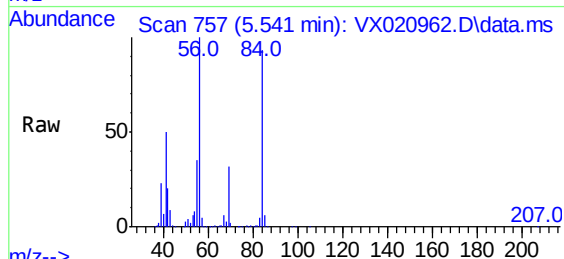




#29
Cyclohexane
Concen: 47.11 ug/L
RT: 5.541 min Scan# 757
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

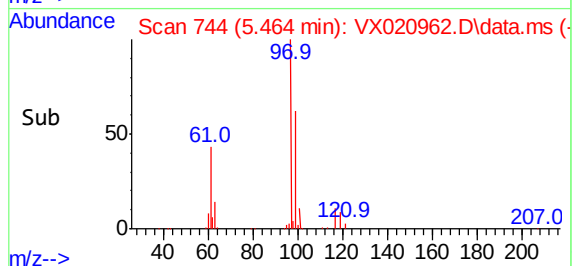
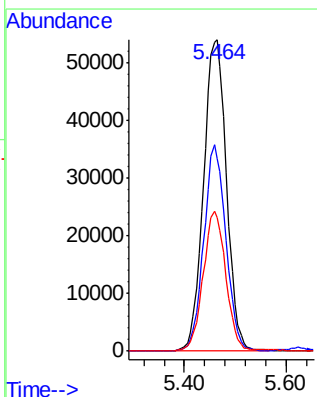
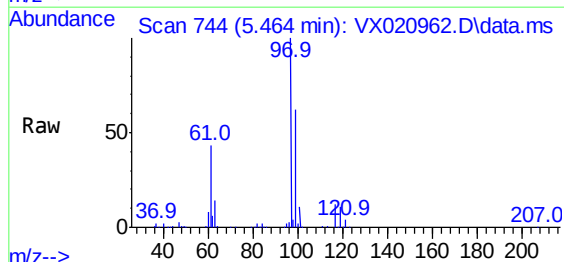
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

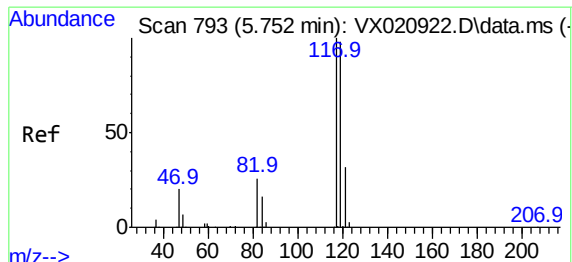
Tgt Ion: 56 Resp: 166277
Ion Ratio Lower Upper
56 100
69 32.4 25.7 38.5
84 93.2 72.4 108.6



#30
1,1,1-Trichloroethane
Concen: 46.97 ug/L
RT: 5.464 min Scan# 744
Delta R.T. 0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 97 Resp: 167845
Ion Ratio Lower Upper
97 100
99 63.7 52.1 78.1
61 43.9 35.3 52.9

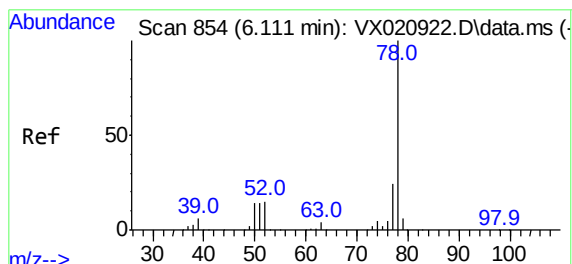
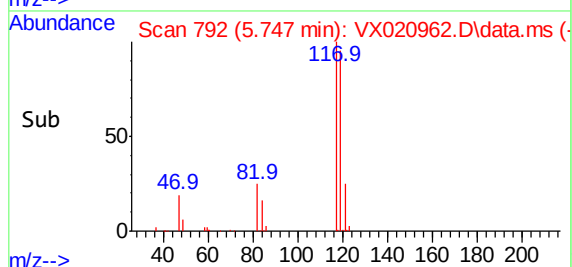
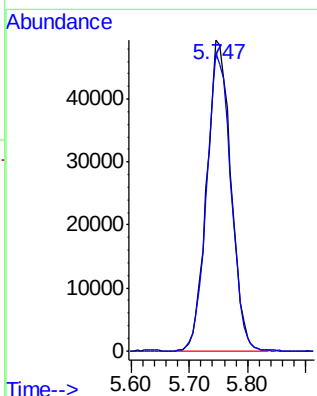
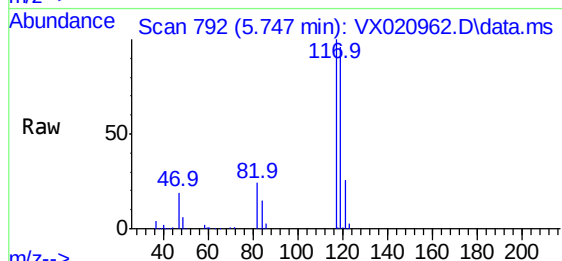




#31
Carbon tetrachloride
Concen: 47.28 ug/L
RT: 5.747 min Scan# 792
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

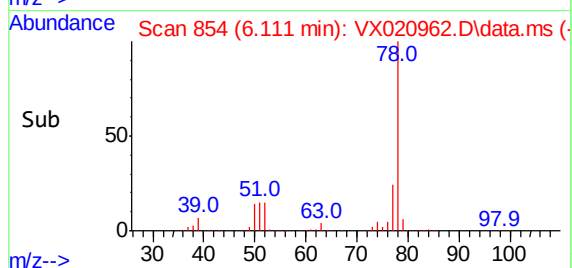
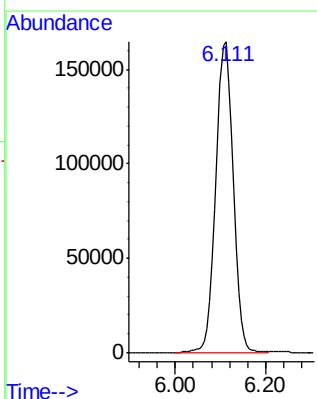
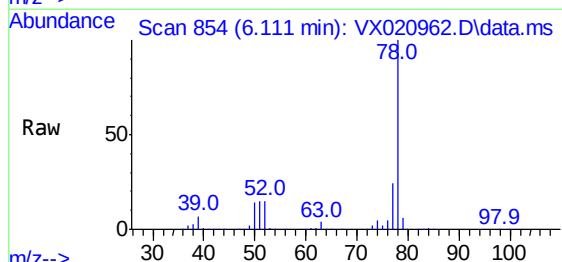
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

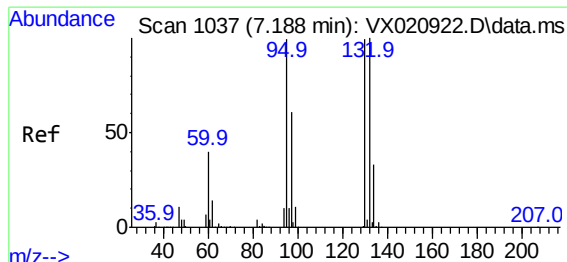
Tgt Ion:117 Resp: 140041
Ion Ratio Lower Upper
117 100
119 96.8 77.5 116.3



#33
Benzene
Concen: 47.60 ug/L
RT: 6.111 min Scan# 854
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 78 Resp: 433757



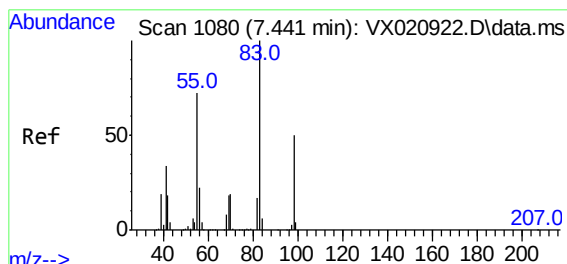
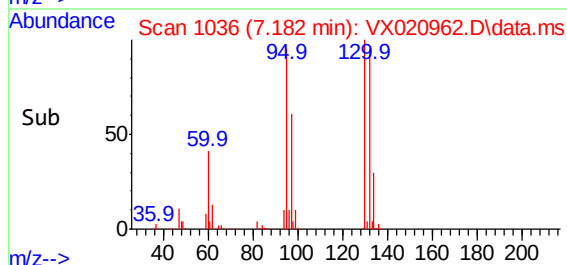
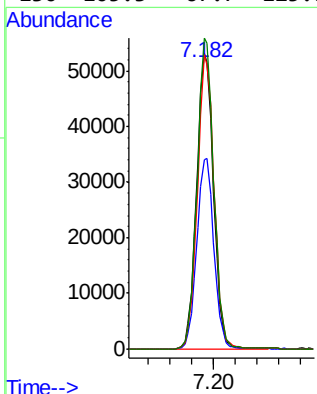
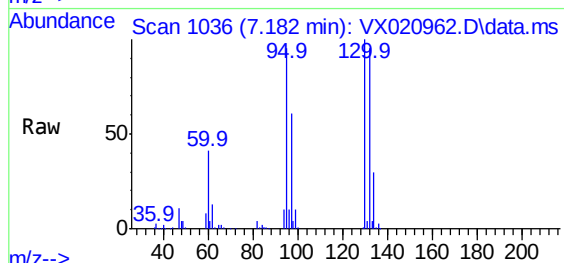


#34
Trichloroethene
Concen: 47.12 ug/L
RT: 7.182 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

Tgt Ion: 95 Resp: 114189

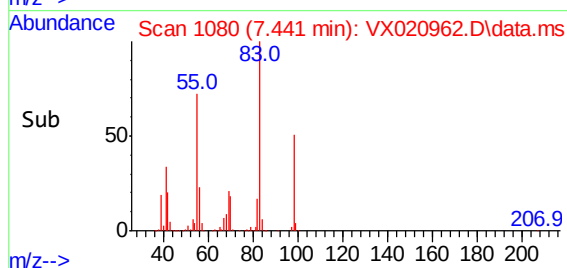
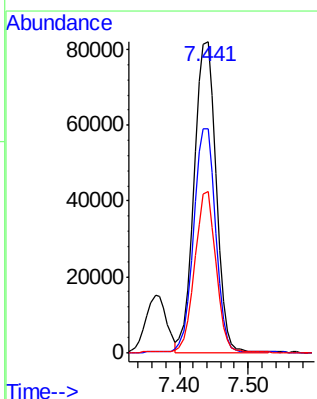
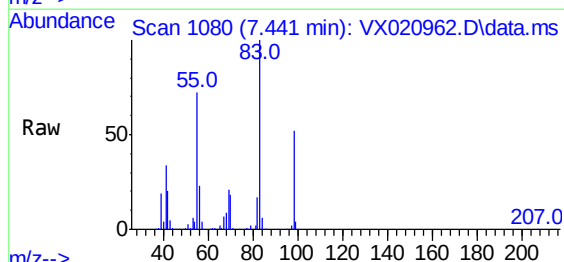
Ion	Ratio	Lower	Upper
95	100		
97	64.0	44.5	82.7
132	99.6	65.2	121.0
130	105.3	67.7	125.7

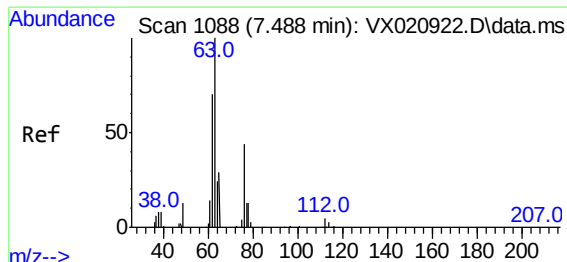


#35
Methylcyclohexane
Concen: 49.03 ug/L
RT: 7.441 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 83 Resp: 181929

Ion	Ratio	Lower	Upper
83	100		
55	71.7	61.2	91.8
98	49.6	38.7	58.1

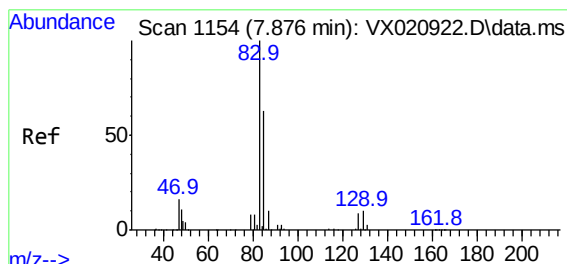
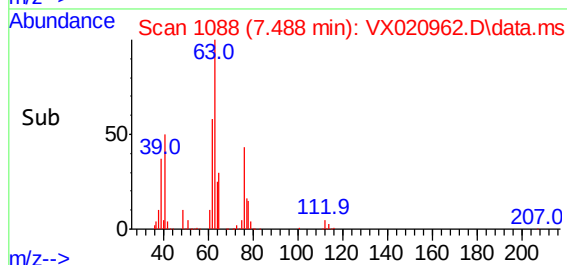
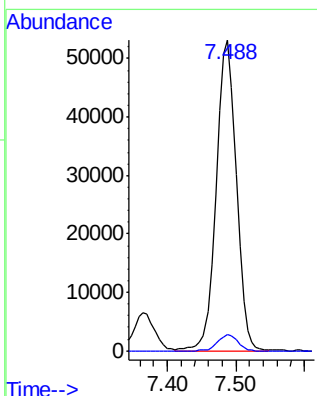
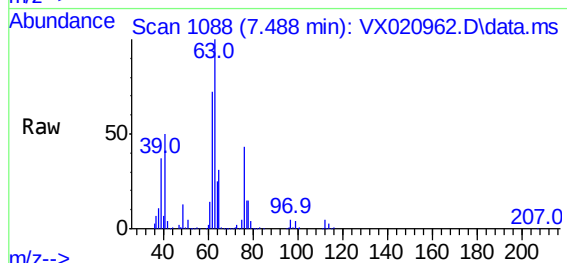




#37
1,2-Dichloropropane
Concen: 47.62 ug/L
RT: 7.488 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

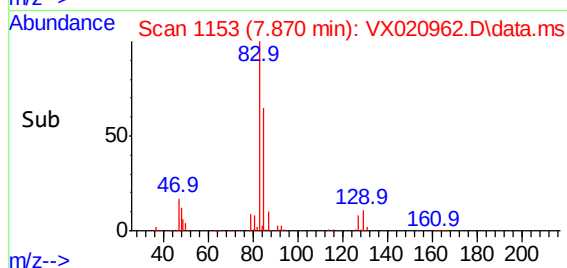
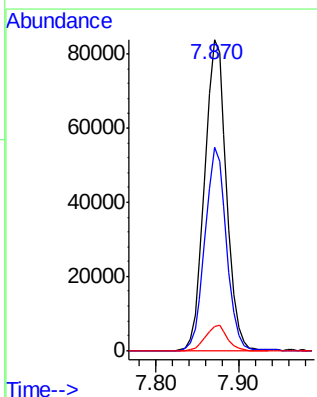
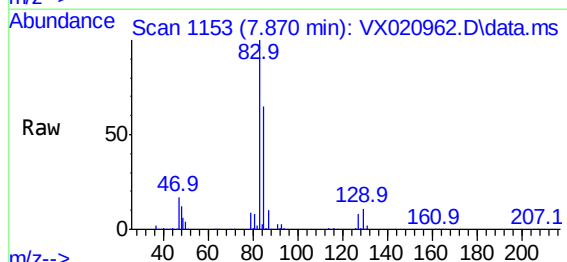
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

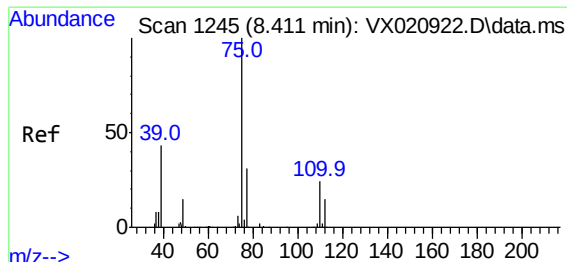
Tgt Ion: 63 Resp: 108686
Ion Ratio Lower Upper
63 100
112 5.1 3.6 5.4



#38
Bromodichloromethane
Concen: 48.22 ug/L
RT: 7.870 min Scan# 1153
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 83 Resp: 152735
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
127 7.9 6.6 10.0

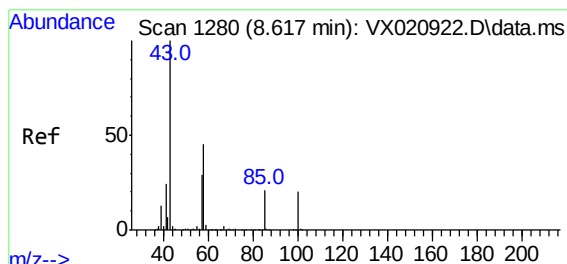
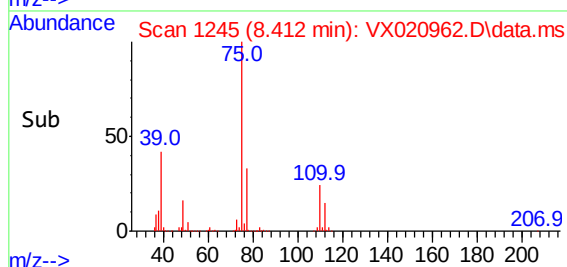
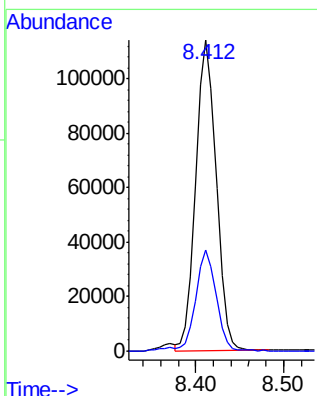
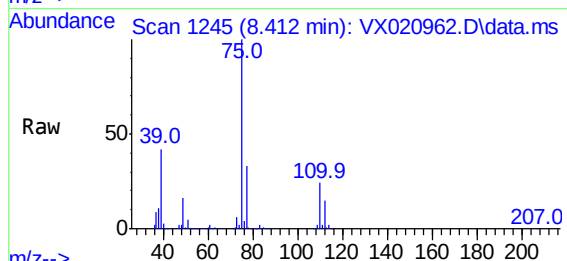




#39
cis-1,3-Dichloropropene
Concen: 48.20 ug/L
RT: 8.412 min Scan# 1245
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

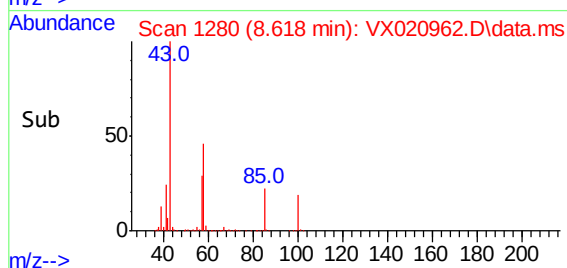
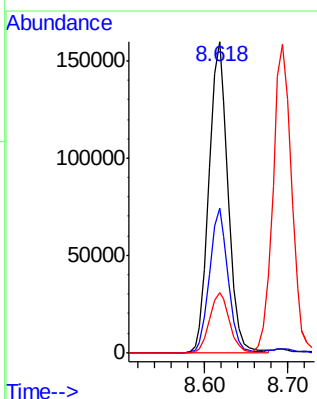
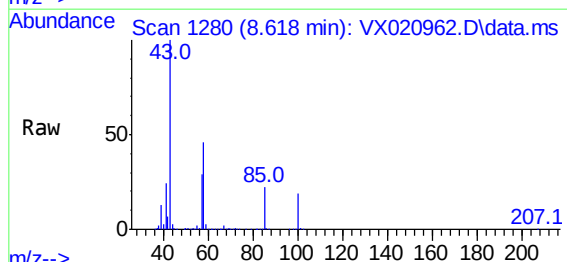
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

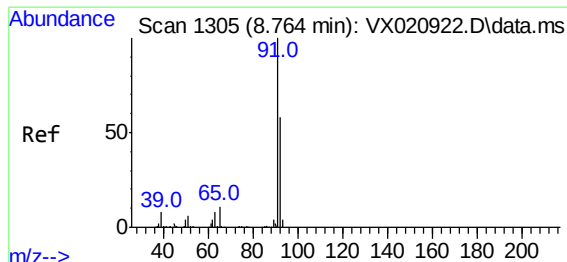
Tgt Ion: 75 Resp: 180200
Ion Ratio Lower Upper
75 100
77 32.6 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 91.32 ug/L
RT: 8.618 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 43 Resp: 255009
Ion Ratio Lower Upper
43 100
58 45.2 35.0 52.4
100 19.7 14.2 21.4





#42

Toluene

Concen: 49.43 ug/L

RT: 8.765 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VX020962.D

Acq: 02 Mar 2021 10:16

Tgt Ion: 91 Resp: 469015

Ion Ratio Lower Upper

91 100

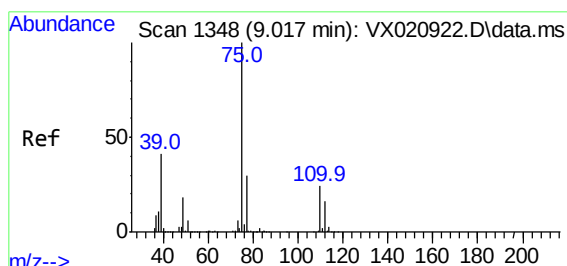
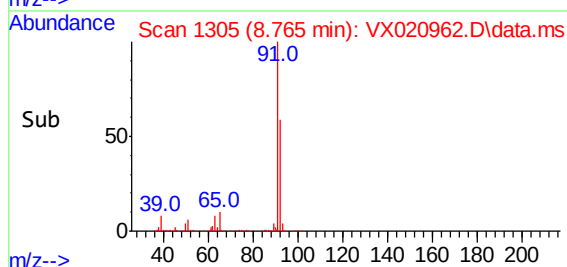
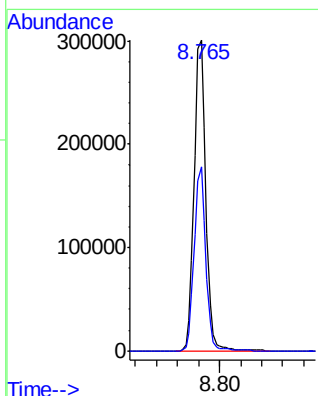
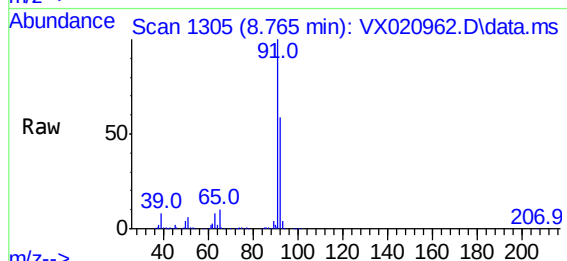
92 59.2 40.5 75.1

Instrument :

MSVOA_X

ClientSampleId :

VSTD050443



#44

trans-1,3-Dichloropropene

Concen: 47.82 ug/L

RT: 9.018 min Scan# 1348

Delta R.T. 0.000 min

Lab File: VX020962.D

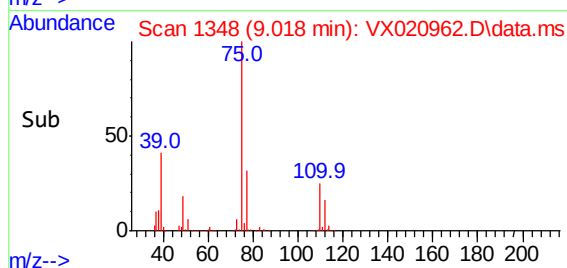
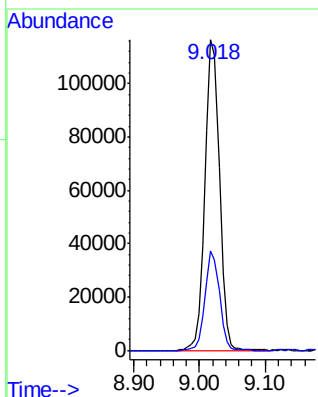
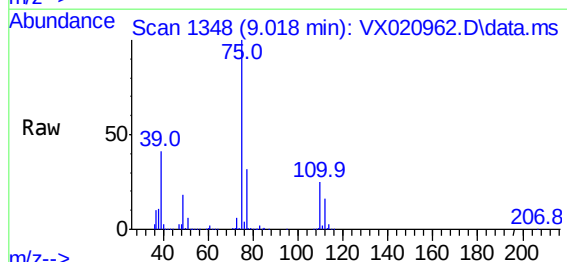
Acq: 02 Mar 2021 10:16

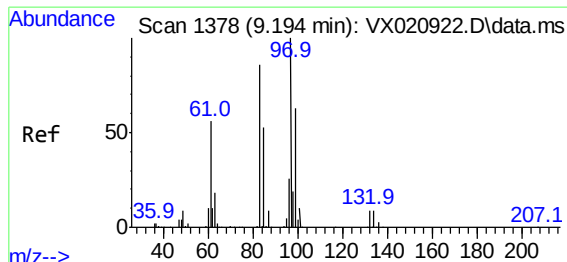
Tgt Ion: 75 Resp: 170770

Ion Ratio Lower Upper

75 100

77 31.9 22.4 41.6



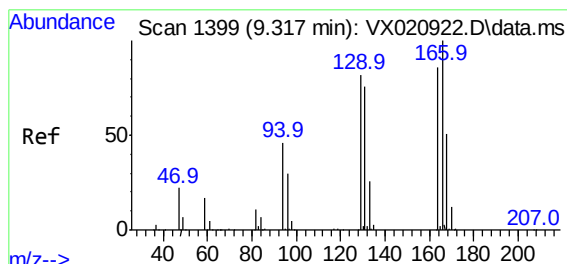
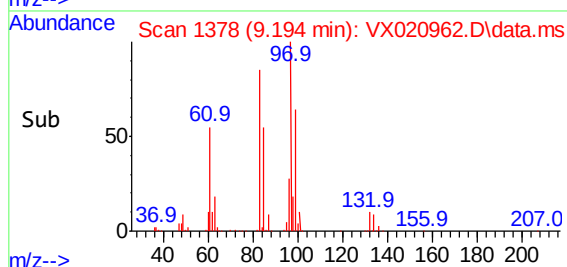
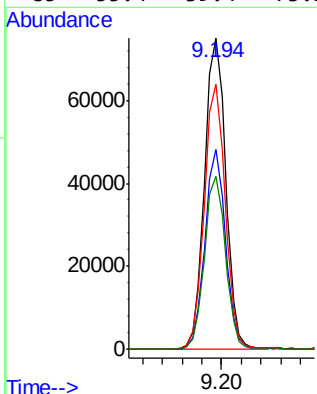
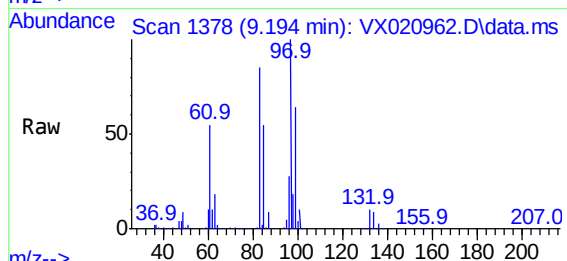


#45
1,1,2-Trichloroethane
Concen: 48.45 ug/L
RT: 9.194 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

Tgt Ion: 97 Resp: 109885

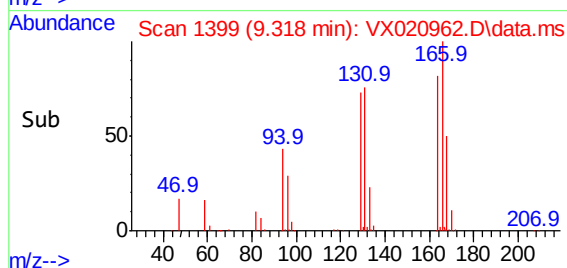
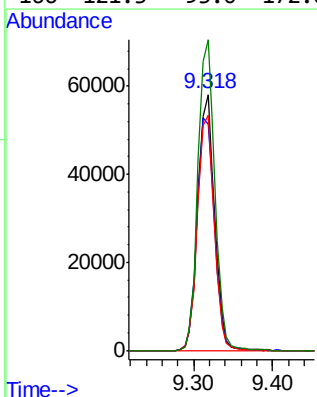
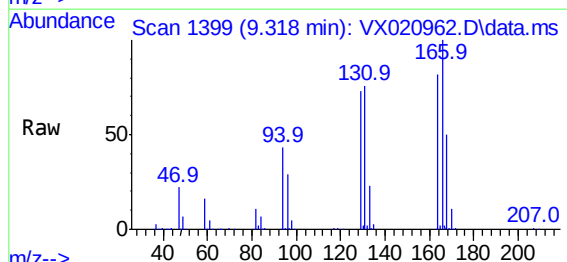
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.0	81.6
83	85.0	60.8	113.0
85	55.4	39.4	73.2

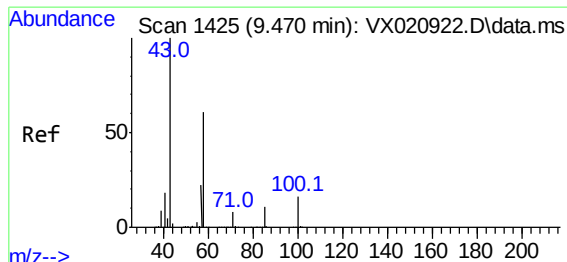


#46
Tetrachloroethene
Concen: 49.46 ug/L
RT: 9.318 min Scan# 1399
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 164 Resp: 85674

Ion	Ratio	Lower	Upper
164	100		
129	88.3	65.6	121.8
131	91.9	63.7	118.3
166	121.3	93.0	172.6



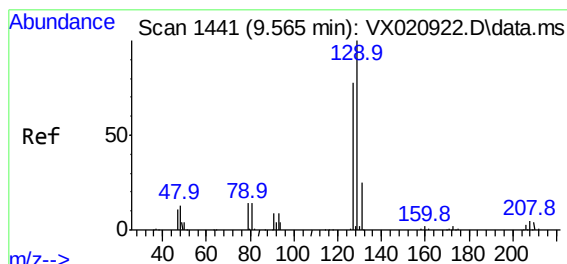
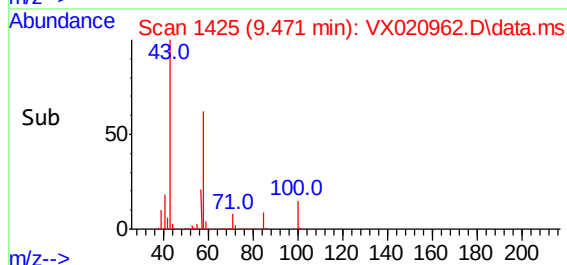
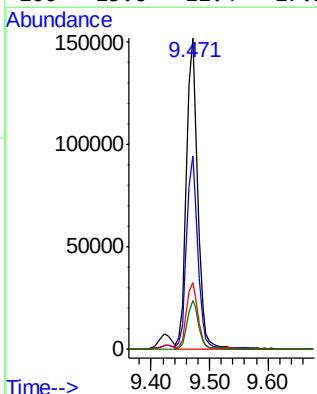
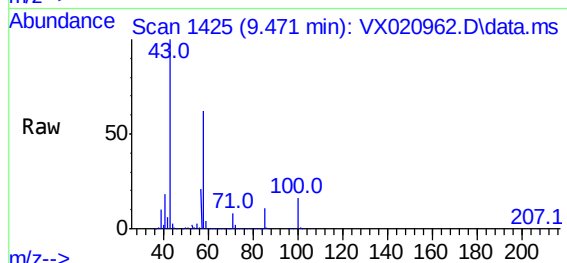


#48
2-Hexanone
Concen: 96.30 ug/L
RT: 9.471 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

Tgt Ion: 43 Resp: 205062

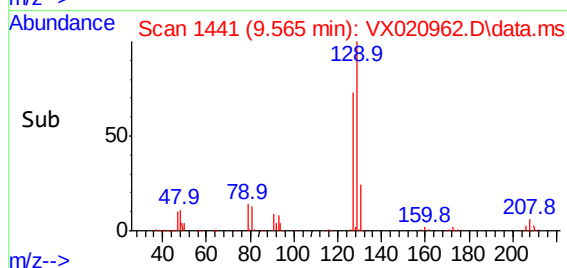
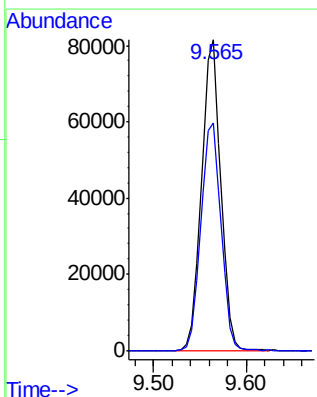
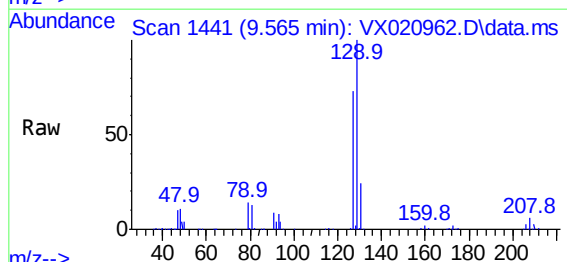
Ion	Ratio	Lower	Upper
43	100		
58	62.2	50.1	75.1
57	21.7	17.3	25.9
100	15.6	11.4	17.2

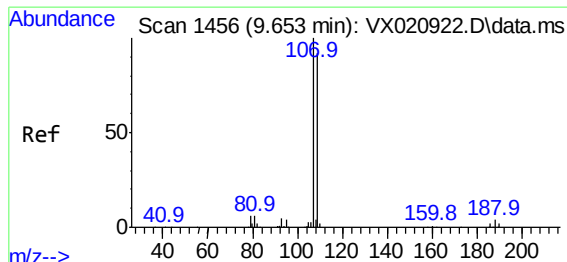


#49
Dibromochloromethane
Concen: 49.09 ug/L
RT: 9.565 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 129 Resp: 117574

Ion	Ratio	Lower	Upper
129	100		
127	73.1	52.5	97.5

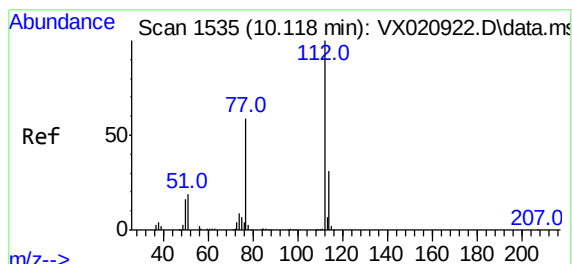
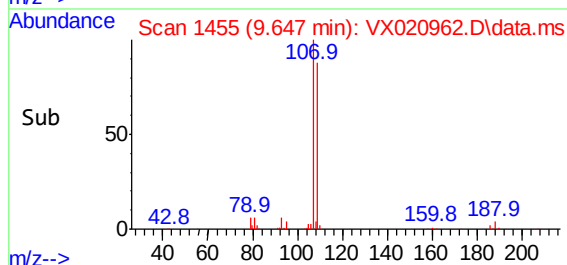
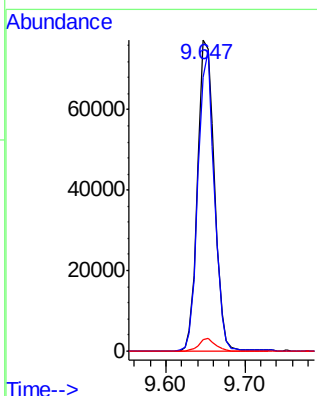
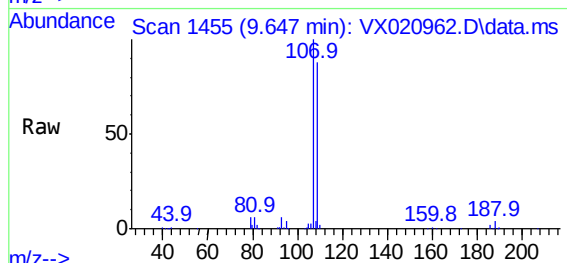




#50
1,2-Dibromoethane
Concen: 47.96 ug/L
RT: 9.647 min Scan# 1455
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

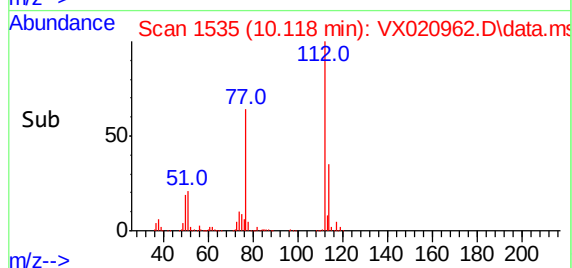
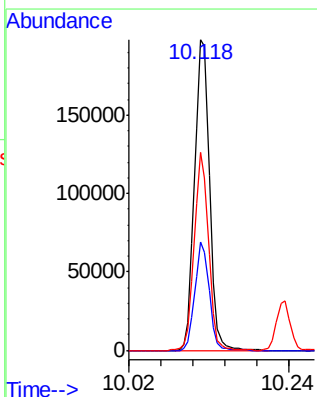
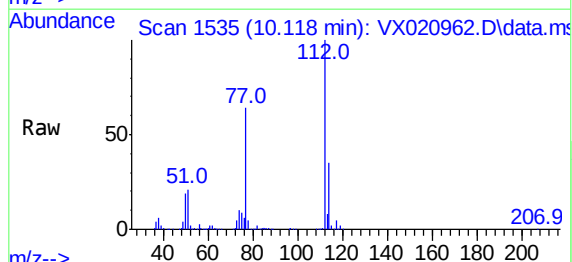
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

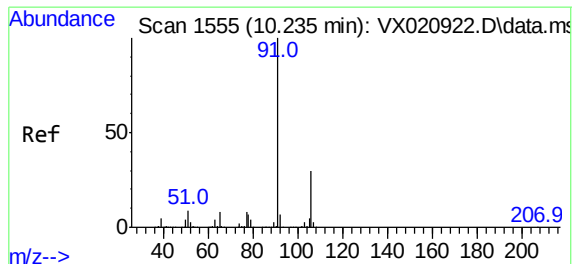
Tgt Ion:107 Resp: 113162
Ion Ratio Lower Upper
107 100
109 88.0 66.4 123.4
188 3.5 3.2 4.8



#51
Chlorobenzene
Concen: 47.56 ug/L
RT: 10.118 min Scan# 1535
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:112 Resp: 285205
Ion Ratio Lower Upper
112 100
114 35.0 23.2 43.2
77 63.8 48.4 72.6

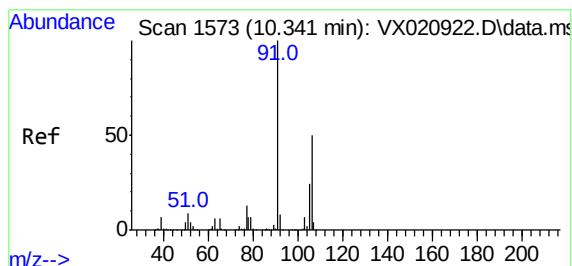
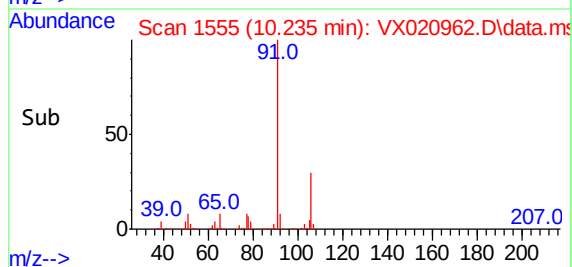
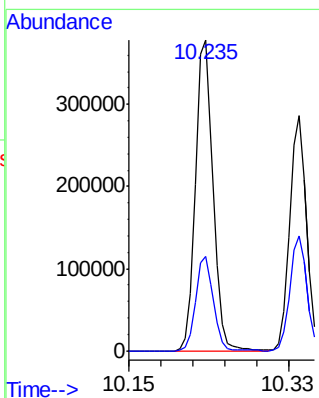
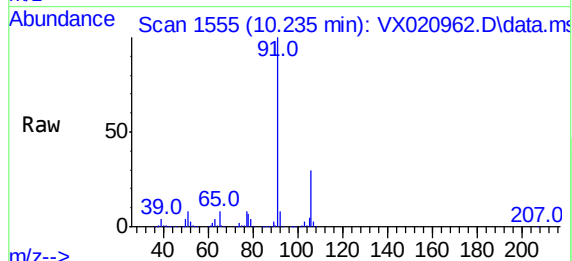




#52
Ethylbenzene
Concen: 49.00 ug/L
RT: 10.235 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

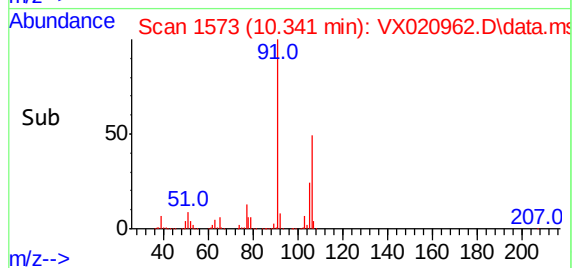
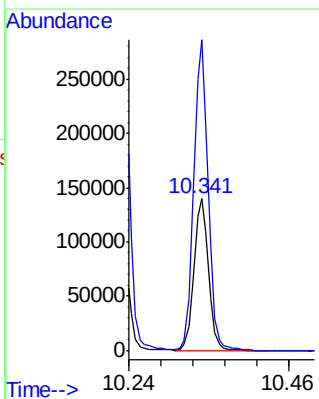
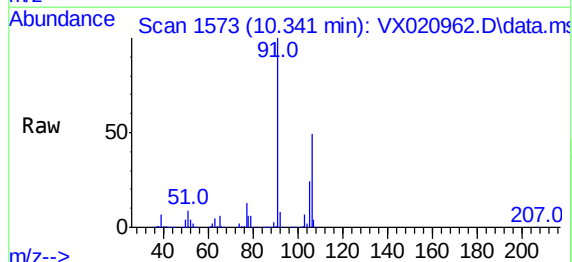
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

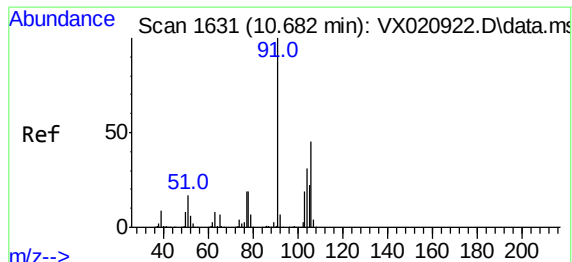
Tgt Ion: 91 Resp: 510898
Ion Ratio Lower Upper
91 100
106 30.4 21.0 39.0



#53
m,p-Xylene
Concen: 48.32 ug/L
RT: 10.341 min Scan# 1573
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 106 Resp: 190042
Ion Ratio Lower Upper
106 100
91 204.9 142.5 264.6

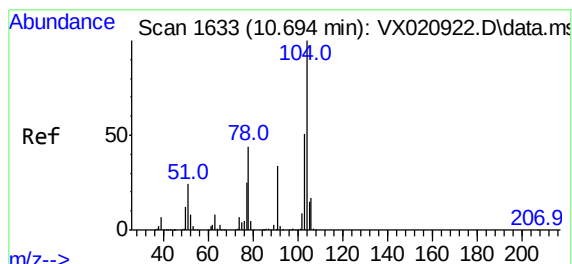
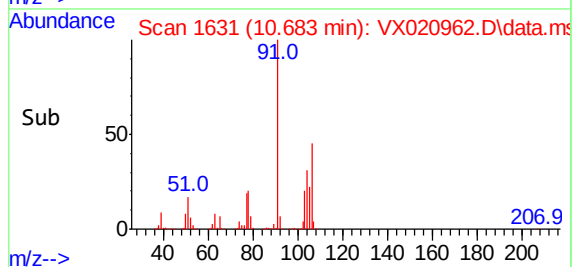
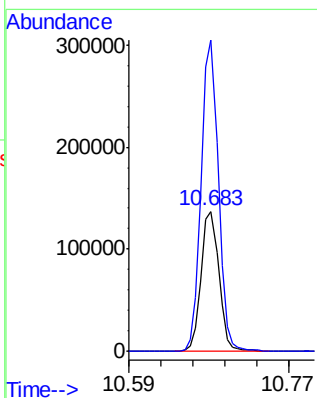
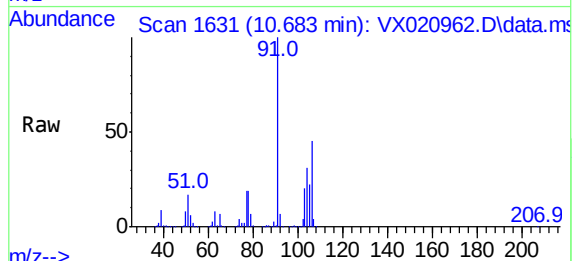




#54
o-Xylene
Concen: 47.85 ug/L
RT: 10.683 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

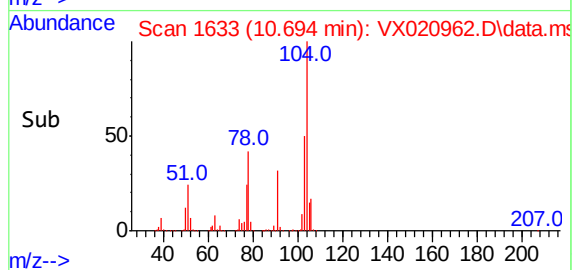
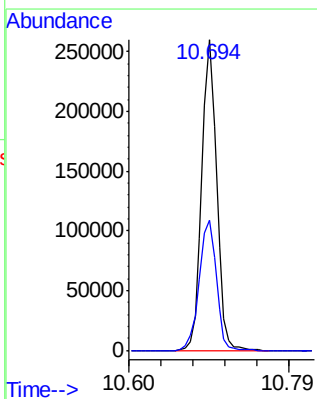
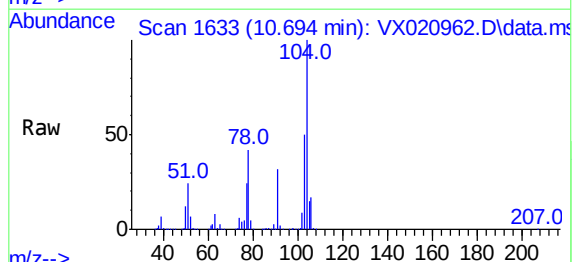
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

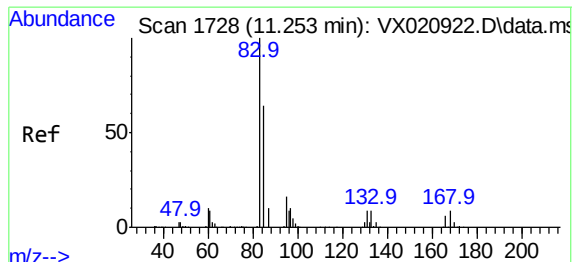
Tgt Ion:106 Resp: 183407
Ion Ratio Lower Upper
106 100
91 222.4 156.2 290.0



#55
Styrene
Concen: 48.54 ug/L
RT: 10.694 min Scan# 1633
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:104 Resp: 323460
Ion Ratio Lower Upper
104 100
78 42.0 30.0 55.6

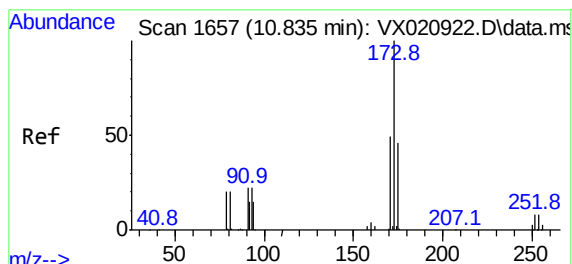
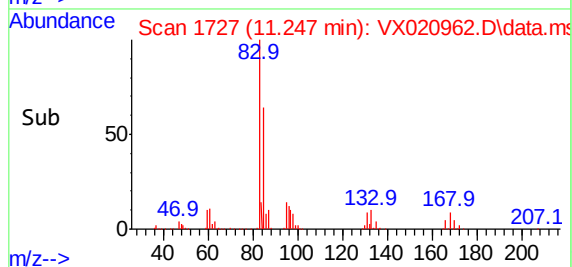
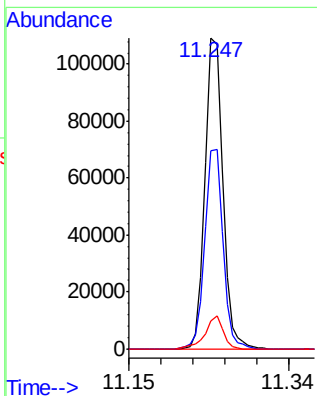
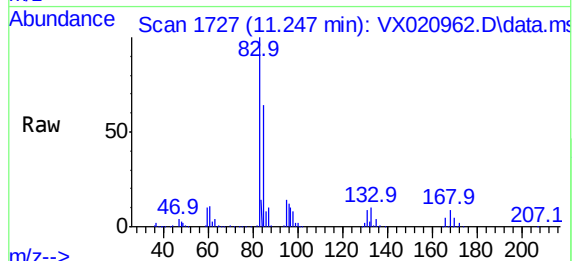




#57
1,1,2,2-Tetrachloroethane
Concen: 45.30 ug/L
RT: 11.247 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

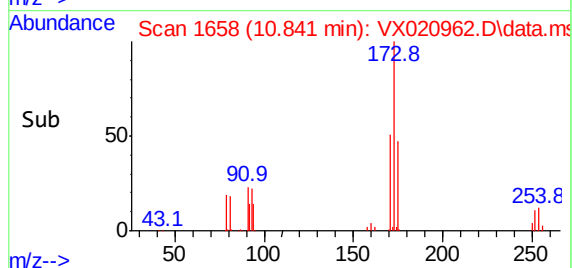
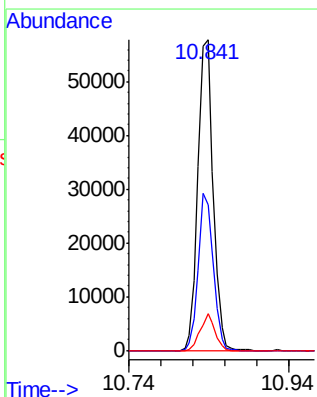
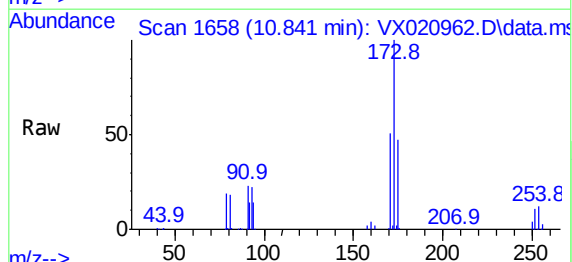
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

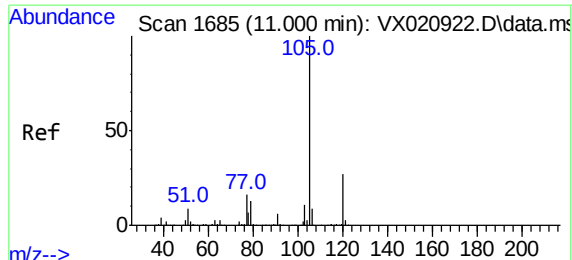
Tgt Ion: 83 Resp: 147313
Ion Ratio Lower Upper
83 100
85 63.6 44.7 82.9
131 9.1 7.8 11.8



#59
Bromoform
Concen: 49.01 ug/L
RT: 10.841 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:173 Resp: 77033
Ion Ratio Lower Upper
173 100
175 49.4 39.4 59.2
254 11.1 8.6 13.0

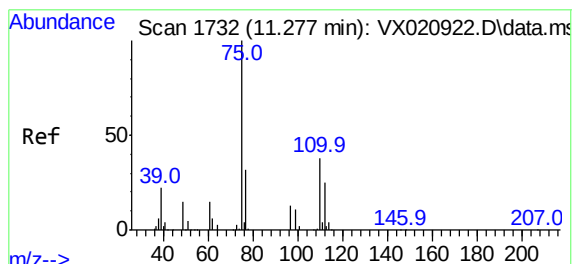
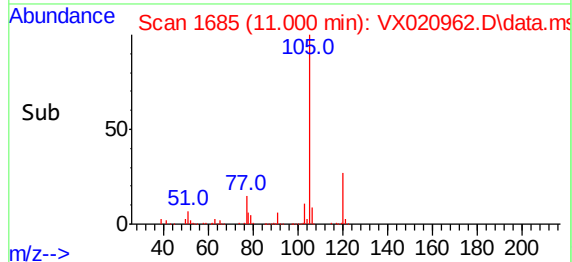
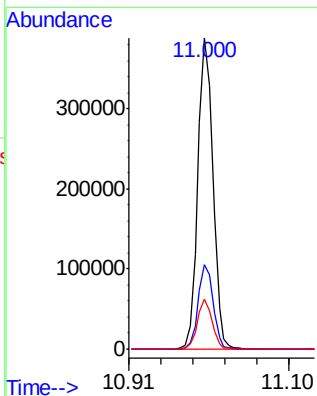
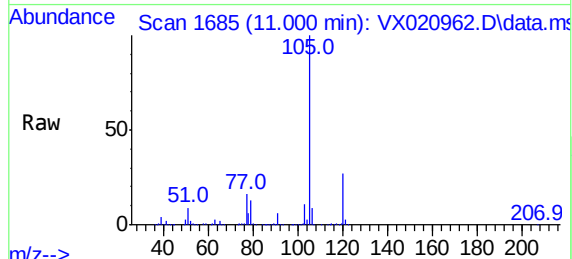




#60
Isopropylbenzene
Concen: 51.26 ug/L
RT: 11.000 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

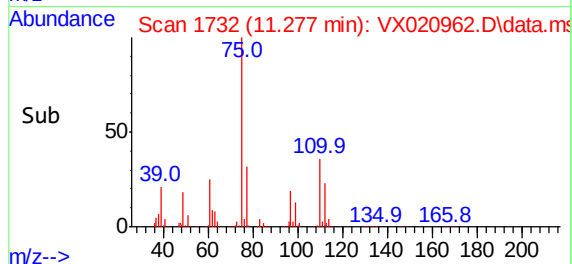
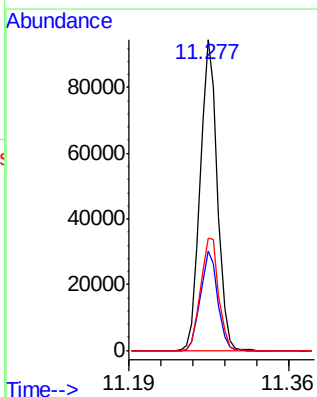
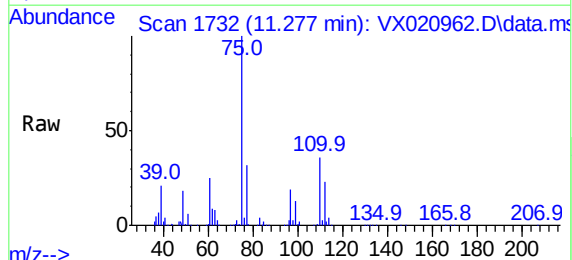
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

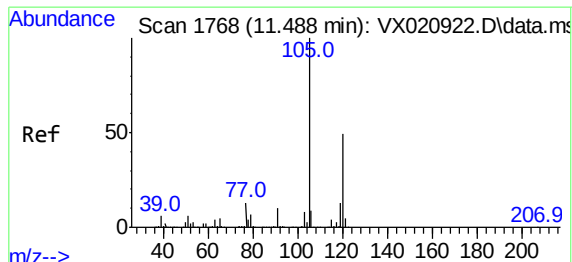
Tgt Ion:105 Resp: 489638
Ion Ratio Lower Upper
105 100
120 26.8 21.2 31.8
77 15.3 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 48.50 ug/L
RT: 11.277 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 75 Resp: 121229
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2
110 38.1 31.8 47.8

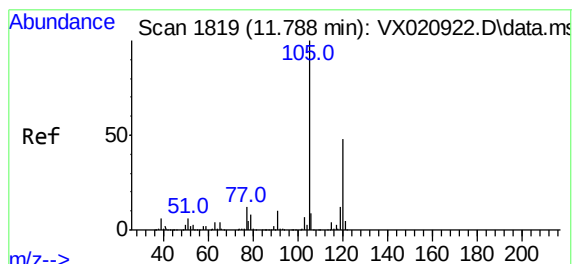
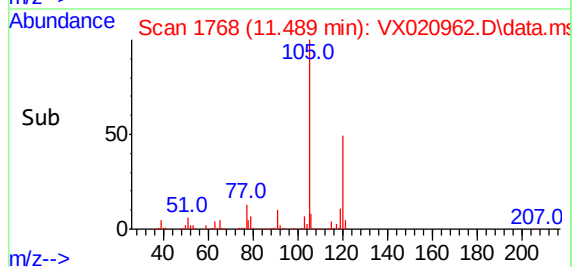
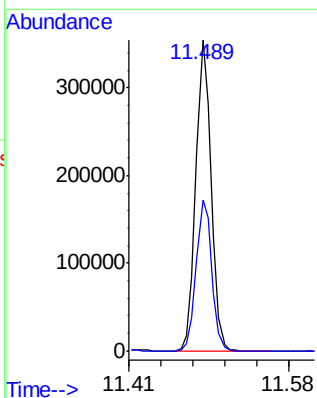
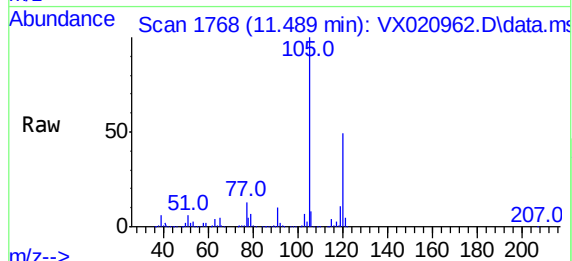




#62
1,3,5-Trimethylbenzene
Concen: 51.75 ug/L
RT: 11.489 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

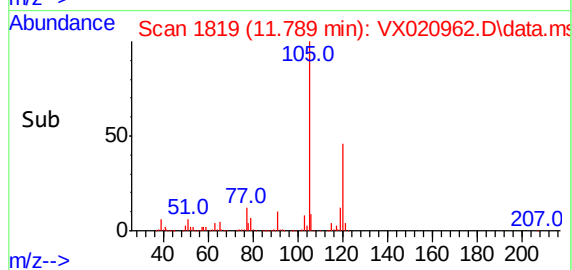
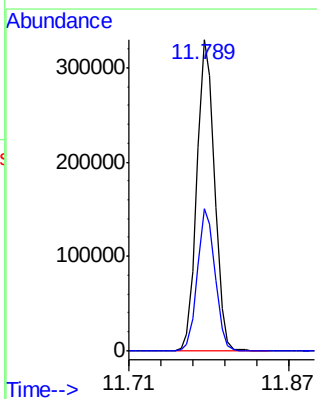
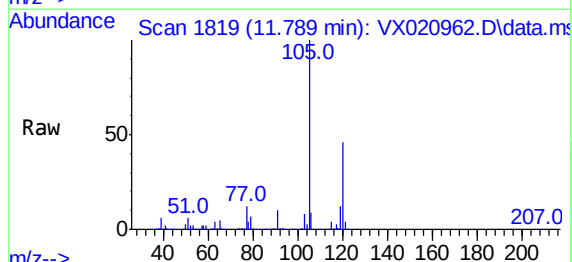
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

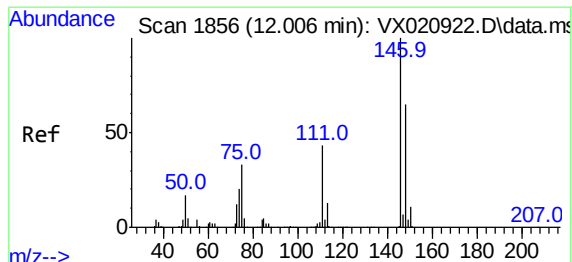
Tgt Ion:105 Resp: 404540
Ion Ratio Lower Upper
105 100
120 49.5 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 51.42 ug/L
RT: 11.789 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:105 Resp: 404560
Ion Ratio Lower Upper
105 100
120 45.4 36.4 54.6

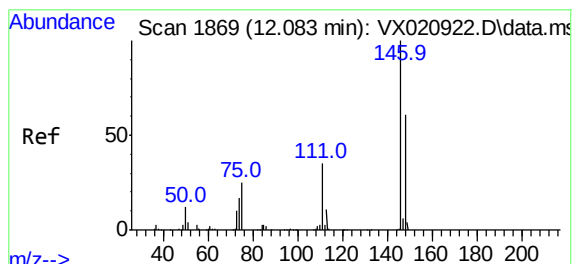
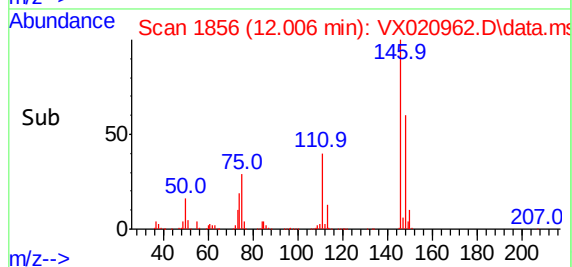
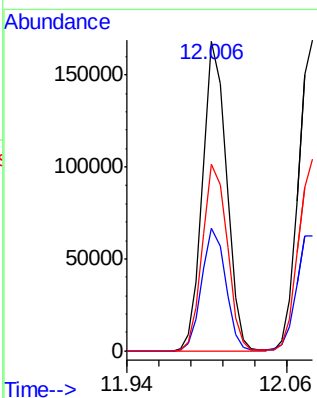
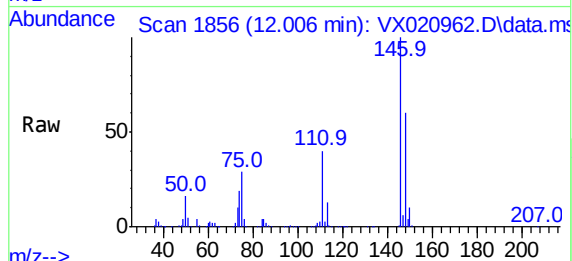




#64
1,3-Dichlorobenzene
Concen: 50.36 ug/L
RT: 12.006 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

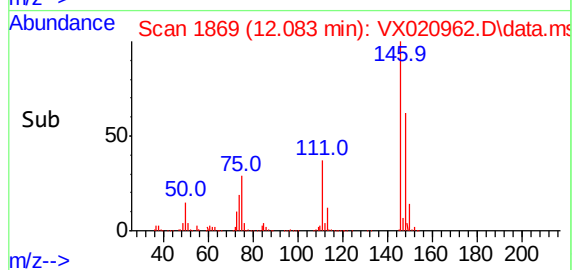
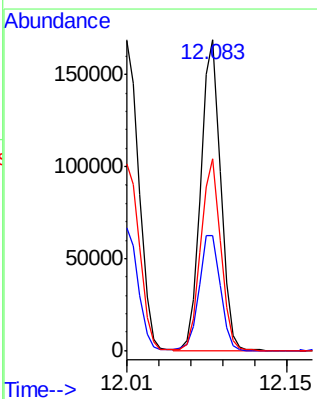
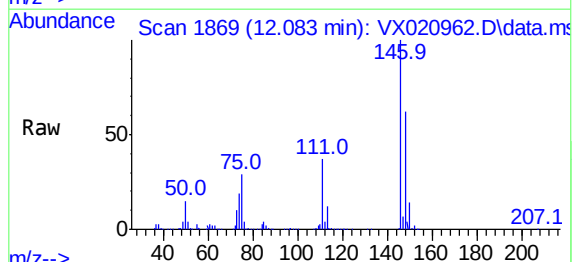
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

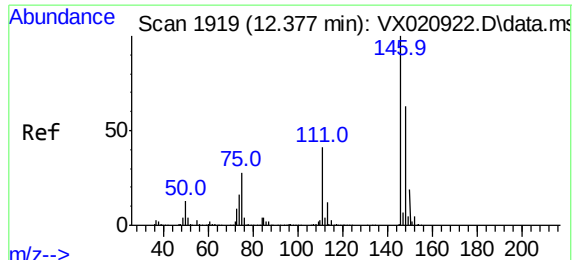
Tgt Ion:146 Resp: 205724
Ion Ratio Lower Upper
146 100
111 39.6 28.9 53.7
148 60.4 47.7 88.7



#65
1,4-Dichlorobenzene
Concen: 49.78 ug/L
RT: 12.083 min Scan# 1869
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:146 Resp: 203659
Ion Ratio Lower Upper
146 100
111 36.9 28.7 53.3
148 61.9 45.8 85.2

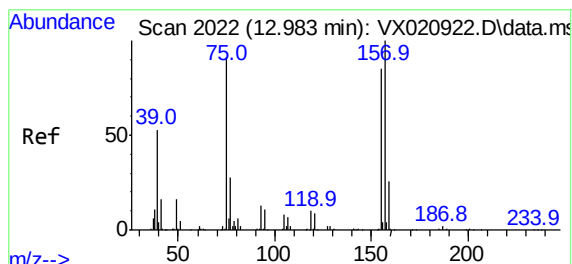
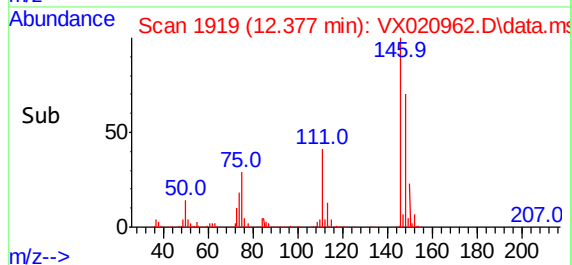
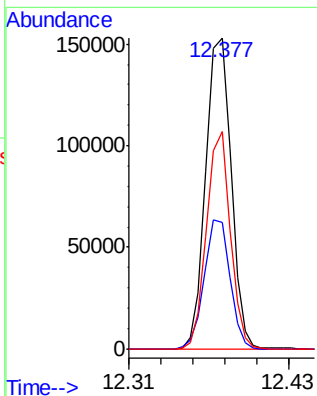
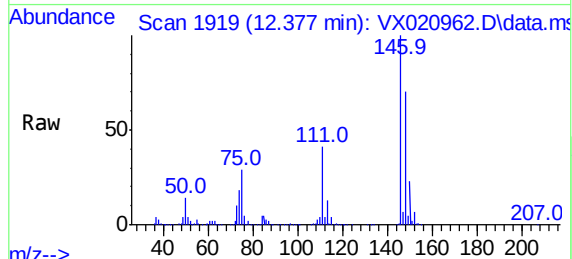




#67
1,2-Dichlorobenzene
Concen: 49.58 ug/L
RT: 12.377 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

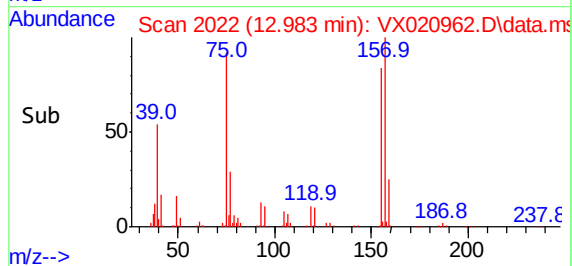
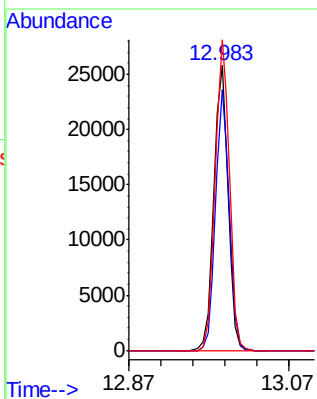
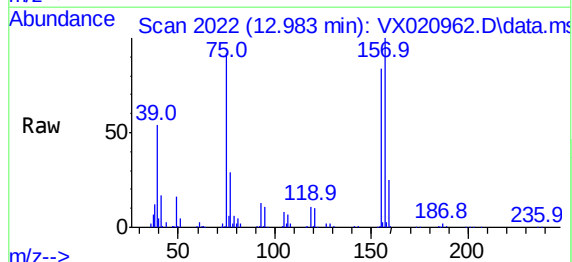
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

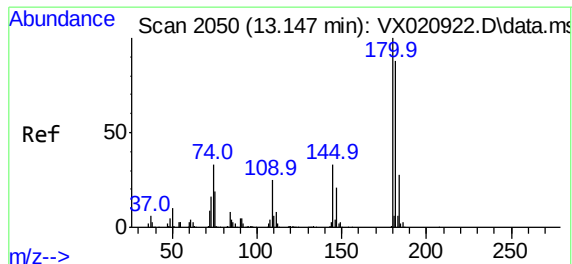
Tgt Ion:146 Resp: 199990
Ion Ratio Lower Upper
146 100
111 40.7 33.8 50.8
148 69.9 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 46.72 ug/L
RT: 12.983 min Scan# 2022
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion: 75 Resp: 32140
Ion Ratio Lower Upper
75 100
155 91.4 65.3 97.9
157 109.1 80.5 120.7

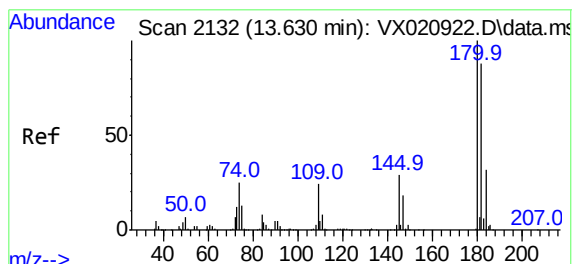
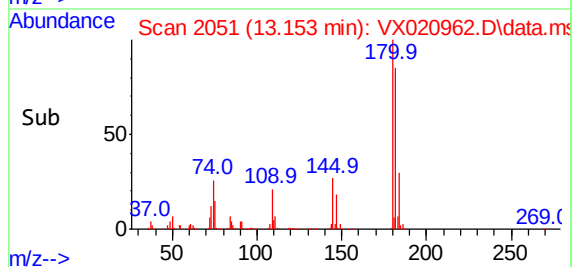
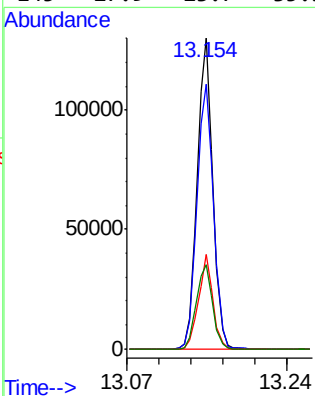
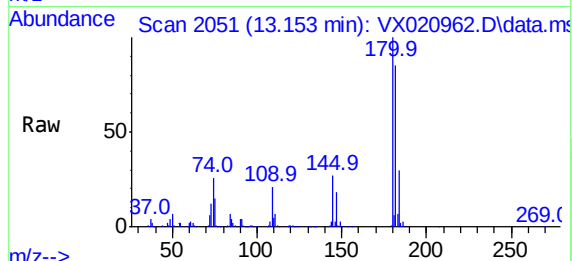




#69
1,3,5-Trichlorobenzene
Concen: 54.32 ug/L
RT: 13.153 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

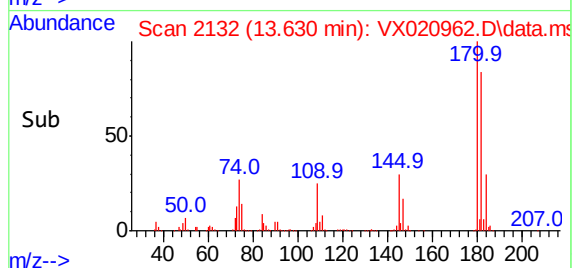
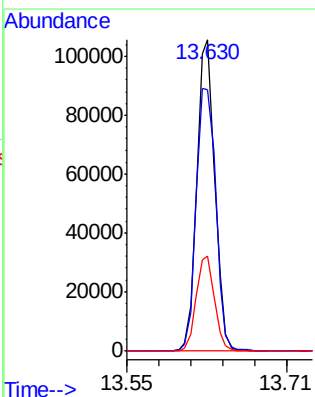
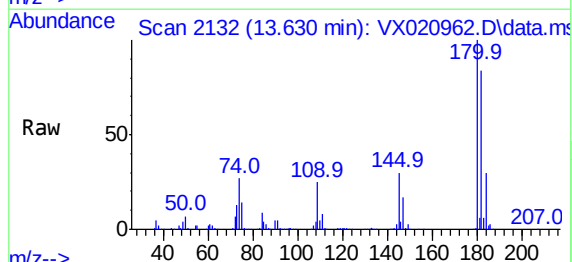
Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

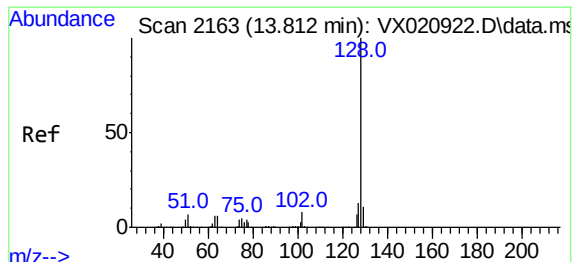
Tgt Ion:180 Resp: 151036
Ion Ratio Lower Upper
180 100
182 90.5 74.8 112.2
184 28.1 24.1 36.1
145 27.9 23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 53.34 ug/L
RT: 13.630 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:180 Resp: 131133
Ion Ratio Lower Upper
180 100
182 92.2 74.3 111.5
145 30.5 24.1 36.1

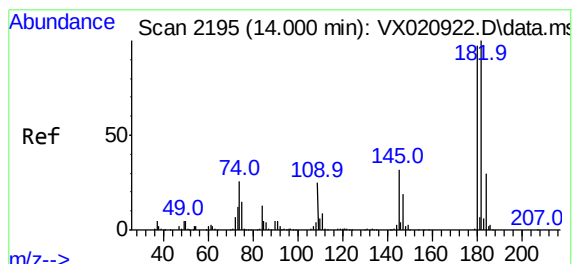
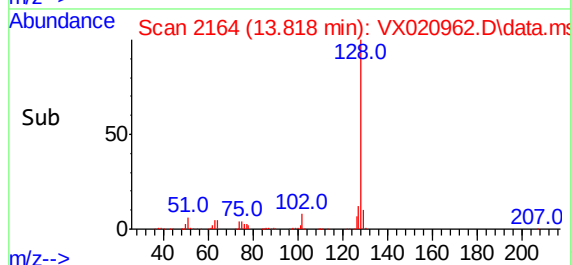
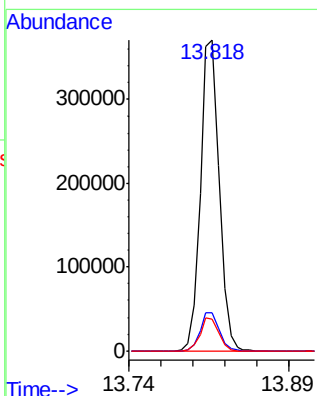
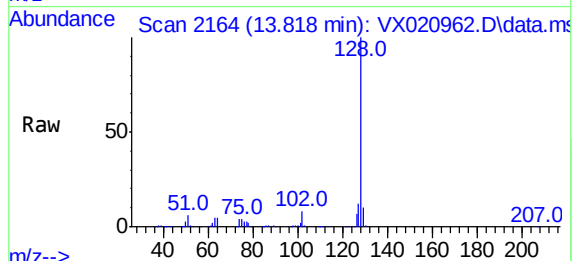




#71
Naphthalene
Concen: 51.75 ug/L
RT: 13.818 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Instrument :
MSVOA_X
ClientSampleId :
VSTD050443

Tgt Ion:128 Resp: 461120
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 10.6 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.47 ug/L
RT: 14.001 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VX020962.D
Acq: 02 Mar 2021 10:16

Tgt Ion:180 Resp: 128644
Ion Ratio Lower Upper
180 100
182 99.4 74.6 112.0
145 32.3 25.6 38.4

