

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102020\
 Data File : VN064195.D
 Acq On : 20 Oct 2020 13:35
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 21 04:48:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 20 11:51:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54874	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	313545	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	281112	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	136951	30.48	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.60%
60) 4-Bromofluorobenzene	12.38	95	147444	29.27	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.57%
63) Toluene-d8	10.06	98	371584	29.20	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.33%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	88410	23.483	ug/l 95
3) Chloromethane	2.04	50	85841	22.250	ug/l 99
4) Vinyl Chloride	2.16	62	81594	21.496	ug/l 96
5) Bromomethane	2.54	94	51080	22.494	ug/l 96
6) Chloroethane	2.68	64	46539	21.051	ug/l 99
7) Trichlorofluoromethane	2.99	101	137965	22.642	ug/l 98
8) Diethyl Ether	3.38	74	42780	20.679	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	68337	21.250	ug/l 96
10) 1,1-Dichloroethene	3.70	96	66443	21.220	ug/l 96
11) Methyl Iodide	3.91	142	93143	20.638	ug/l 99
12) Methyl Acetate	4.27	43	70888	21.480	ug/l 96
13) Acrolein	3.57	56	34481	95.554	ug/l # 1
14) Acrylonitrile	4.93	53	137653	103.505	ug/l 98
15) Acetone	3.78	58	37415	104.199	ug/l 92
16) Carbon Disulfide	4.01	76	189674	21.182	ug/l 100
17) Allyl chloride	4.27	41	119673	20.555	ug/l 97
18) Methylene Chloride	4.50	84	73640	20.563	ug/l 97
19) trans-1,2-Dichloroethene	4.99	96	71244	21.092	ug/l 95
20) Diisopropyl ether	5.90	45	224456	20.861	ug/l 99
21) 1,1-Dichloroethane	5.79	63	136931	20.846	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	83303	21.097	ug/l 99
23) tert-Butyl Alcohol	4.72	59	63530	103.282	ug/l # 100
24) Methyl tert-Butyl Ether	4.98	73	217927	21.063	ug/l 98
25) Chloroform	7.33	83	142038	20.811	ug/l 93
26) Cyclohexane	7.61	56	109972	21.115	ug/l # 96
29) 1,1-Dichloropropene	7.75	75	108040	20.748	ug/l 98
30) 2-Butanone	6.78	43	218747	101.872	ug/l 98
31) 2,2-Dichloropropane	6.77	77	138052	20.883	ug/l 99
32) 1,1,1-Trichloroethane	7.53	97	138744	20.912	ug/l 98
33) Carbon Tetrachloride	7.73	117	124723	20.620	ug/l 98
34) Benzene	8.00	78	299081	20.626	ug/l 98
35) Methacrylonitrile	7.12	41	52565	22.317	ug/l 91
36) 1,2-Dichloroethane	8.08	62	122188	20.835	ug/l 99
37) Trichloroethene	8.80	130	83464	20.906	ug/l 100
38) Methylcyclohexane	9.05	83	104036	20.890	ug/l 100
39) 1,2-Dichloropropane	9.08	63	81002	20.933	ug/l 100
40) Dibromomethane	9.17	93	52981	19.678	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	120990	20.764	ug/l	98
42) Vinyl Acetate	5.84	43	1047758	102.781	ug/l	99
43) Ethyl Acetate	6.87	43	84636	18.047	ug/l #	84
44) Isopropyl Acetate	8.12	43	186581	20.723	ug/l #	88
45) 1,4-Dioxane	9.16	88	10145	192.659	ug/l #	28
46) Methyl methacrylate	9.16	41	86455	20.237	ug/l	100
47) n-amyl Acetate	12.04	43	156852	19.638	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	135324	20.592	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	138409	20.385	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	72259	20.033	ug/l	97
51) Ethyl methacrylate	10.40	69	114633	20.098	ug/l	99
52) 1,3-Dichloropropane	10.68	76	125808	20.231	ug/l	99
53) Dibromochloromethane	10.87	129	90580	19.952	ug/l	99
54) 1,2-Dibromoethane	10.98	107	78101	20.370	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	263216	93.897	ug/l	99
56) Bromoform	12.10	173	61917	19.584	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	476609	100.052	ug/l	100
59) 2-Hexanone	10.72	43	357068	100.967	ug/l	100
61) Tetrachloroethene	10.60	164	79603	21.006	ug/l	96
62) Toluene	10.12	91	329870	20.526	ug/l	99
64) Chlorobenzene	11.41	112	209980	20.981	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	82236	20.972	ug/l	97
66) Ethyl Benzene	11.48	91	380432	20.590	ug/l	100
67) m/p-Xylenes	11.59	106	278876	40.584	ug/l	99
68) o-Xylene	11.92	106	138739	20.806	ug/l	92
69) Styrene	11.94	104	226902	20.113	ug/l	98
70) Isopropylbenzene	12.22	105	360726	20.483	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	95794	19.850	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	143020	28.399	ug/l	50
73) Bromobenzene	12.50	156	85400	20.110	ug/l	95
74) n-propylbenzene	12.56	91	412924	20.544	ug/l	100
75) 2-Chlorotoluene	12.65	91	249630	20.063	ug/l	96
76) 1,3,5-Trimethylbenzene	12.71	105	305174	20.365	ug/l	100
77) t-1,4-Dichloro-2-butene	12.27	75	38046	19.323	ug/l	93
78) 4-Chlorotoluene	12.75	91	264636	20.333	ug/l	99
79) tert-butylbenzene	12.97	119	250902	20.480	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	303225	19.933	ug/l	98
81) sec-Butylbenzene	13.14	105	327416	20.540	ug/l	99
82) p-Isopropyltoluene	13.26	119	302505	20.504	ug/l	99
83) 1,3-Dichlorobenzene	13.25	146	151001	19.837	ug/l	99
84) 1,4-Dichlorobenzene	13.33	146	153775	20.177	ug/l	97
85) n-Butylbenzene	13.59	91	272633	20.817	ug/l	99
86) Hexachloroethane	13.85	117	51875	20.424	ug/l	97
87) 1,2-Dichlorobenzene	13.63	146	148854	20.051	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	23508	19.233	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	88380	19.825	ug/l	96
90) Hexachlorobutadiene	14.98	225	49320	21.827	ug/l	97
91) Naphthalene	15.10	128	260687	19.292	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	85037	19.946	ug/l	99

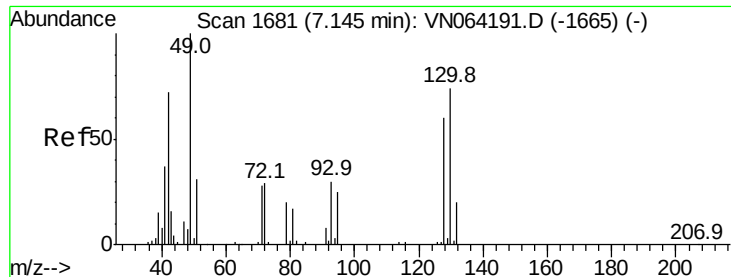
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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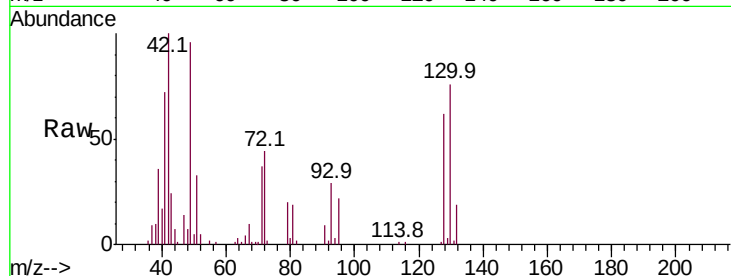
(#) = qualifier out of range (m) = manual integration (+) = signals summed



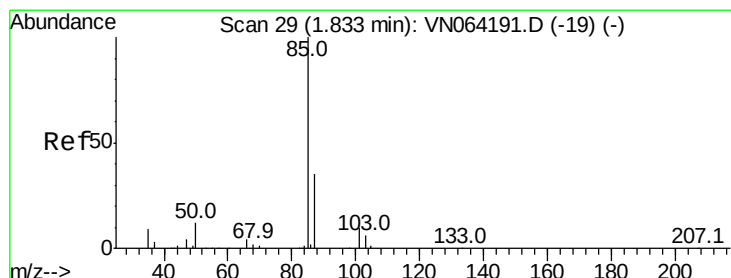
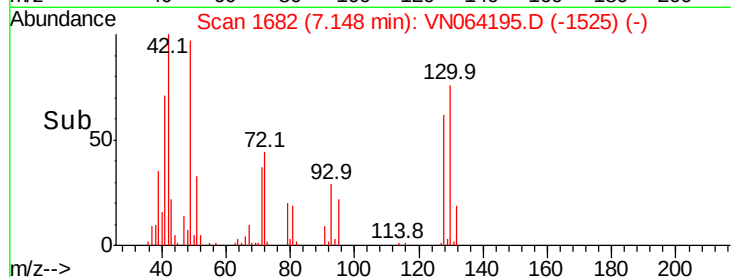
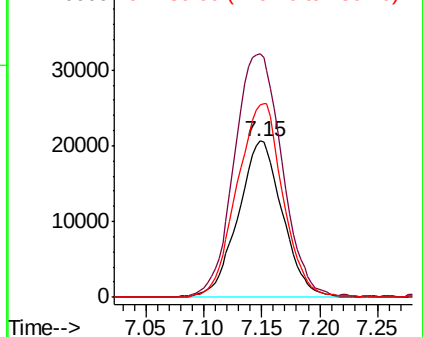
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1682
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 54874
Ion Ratio Lower Upper
128 100
49 165.3 0.0 433.3
130 128.7 0.0 322.5

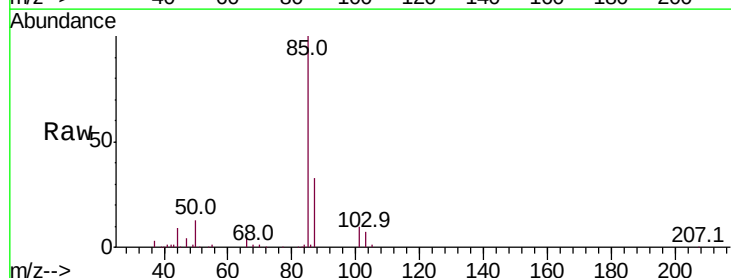


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

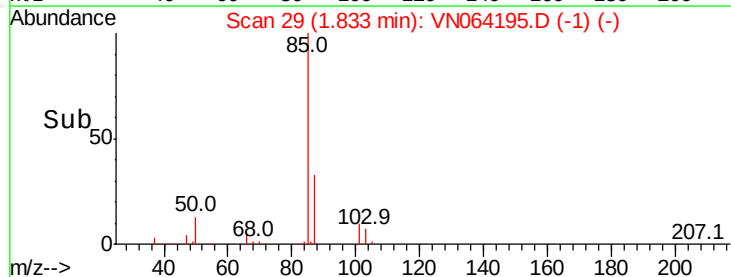
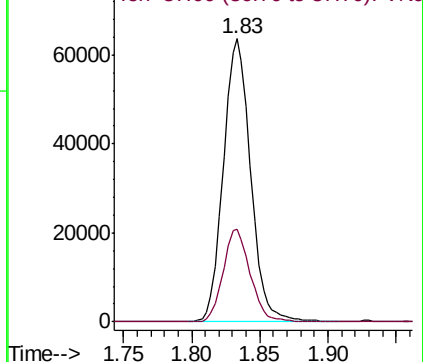


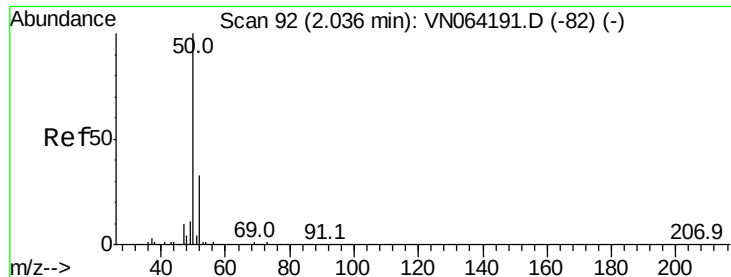
#2
Dichlorodifluoromethane
Concen: 23.483 ug/l
RT: 1.83 min Scan# 29
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 85 Resp: 88410
Ion Ratio Lower Upper
85 100
87 32.9 17.8 53.3



Abundance Ion 85.00 (84.70 to 85.70): VN
Ion 87.00 (86.70 to 87.70): VN





#3

Chloromethane

Concen: 22.250 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

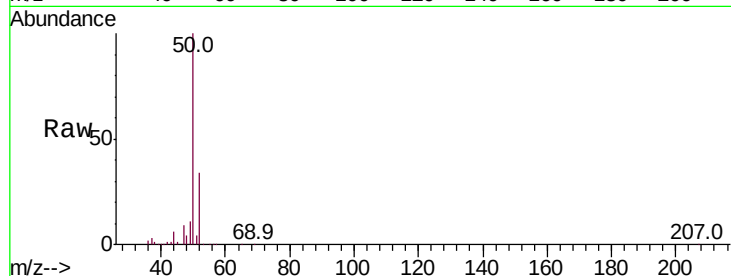
ClientSampleId :

Tot Ion: 50 Resp: 85841

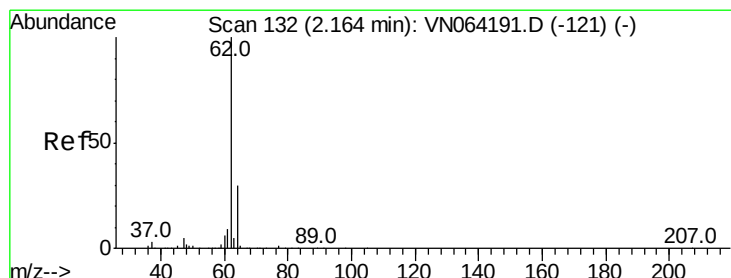
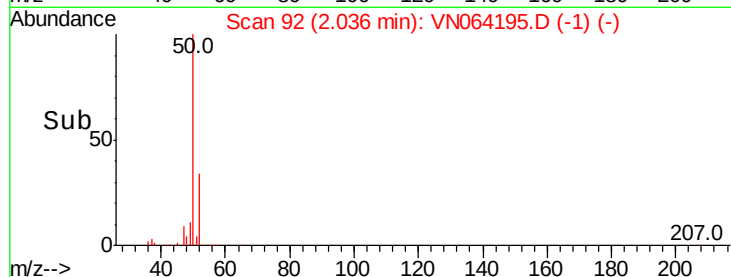
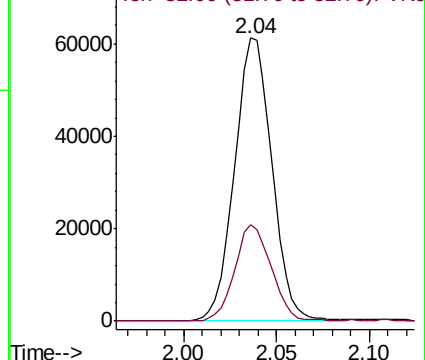
Ion Ratio Lower Upper

50 100

52 34.1 26.6 40.0



Abundance Ion 50.00 (49.70 to 50.70): VNO
Ion 52.00 (51.70 to 52.70): VNO



#4

Vinyl Chloride

Concen: 21.496 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064195.D

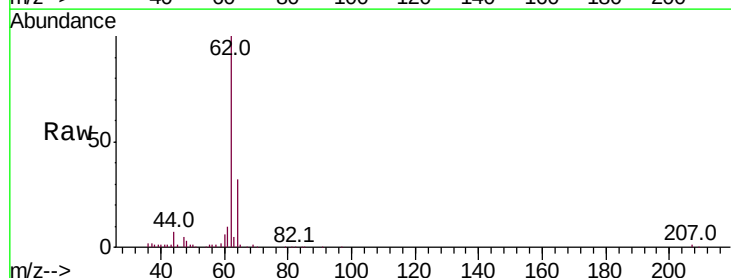
Acq: 20 Oct 2020 13:35

Tgt Ion: 62 Resp: 81594

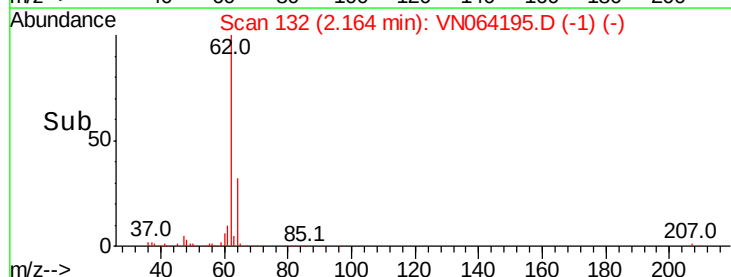
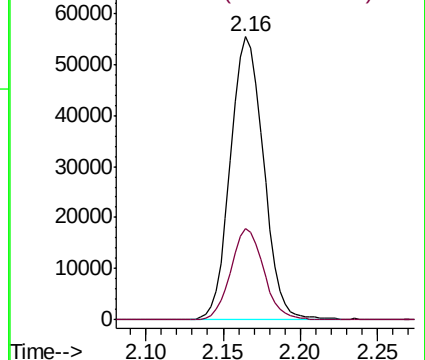
Ion Ratio Lower Upper

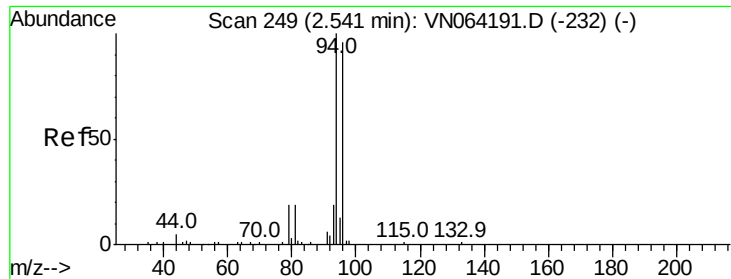
62 100

64 32.4 24.4 36.6



Abundance Ion 62.00 (61.70 to 62.70): VNO
Ion 64.00 (63.70 to 64.70): VNO





#5

Bromomethane

Concen: 22.494 ug/l

RT: 2.54 min Scan# 248

Delta R.T. -0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

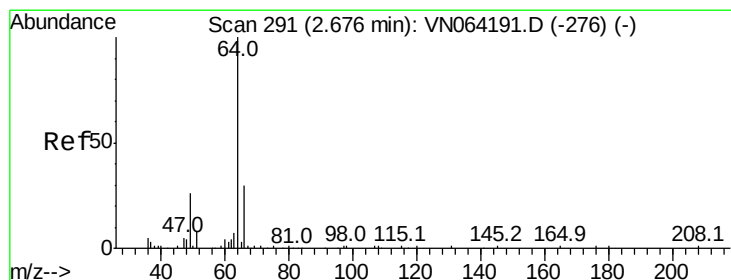
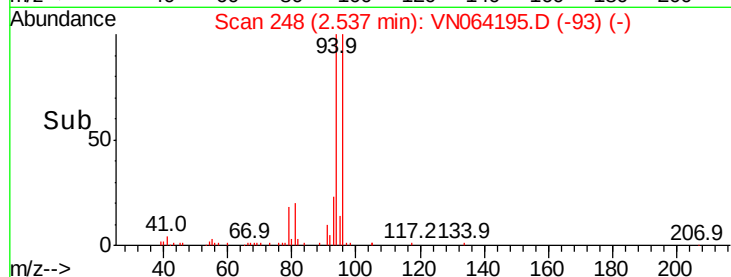
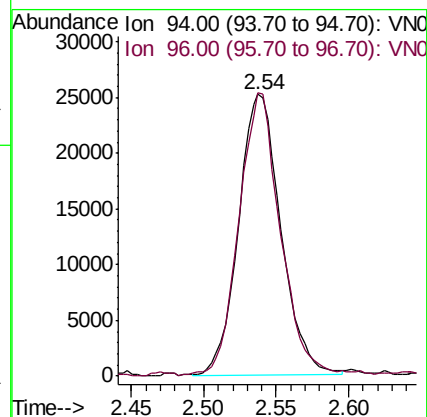
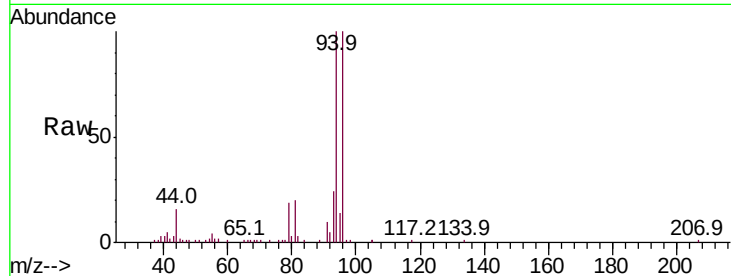
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 94 Resp: 51080

Ion Ratio Lower Upper

94 100

96 99.9 76.6 115.0



#6

Chloroethane

Concen: 21.051 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064195.D

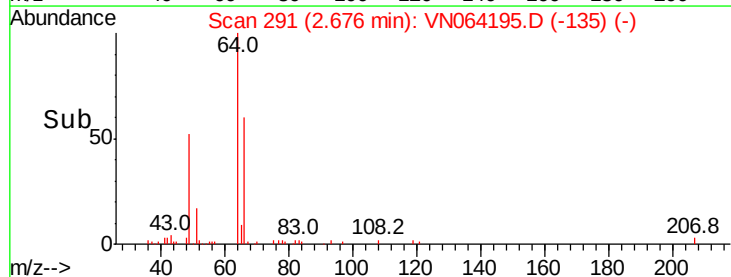
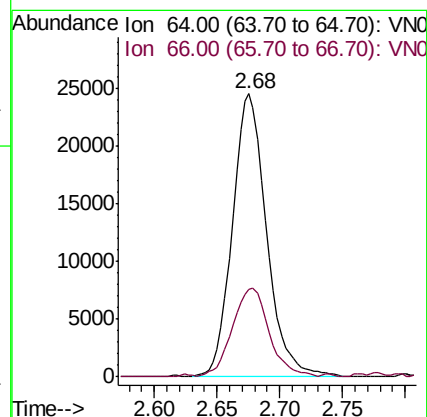
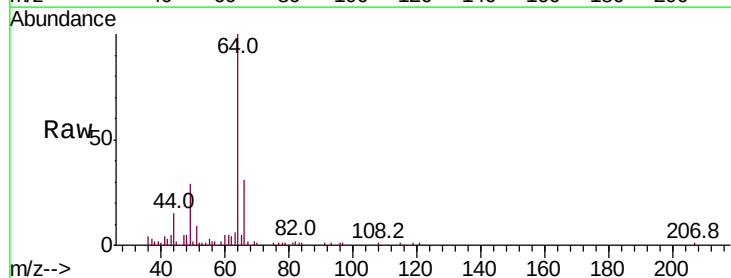
Acq: 20 Oct 2020 13:35

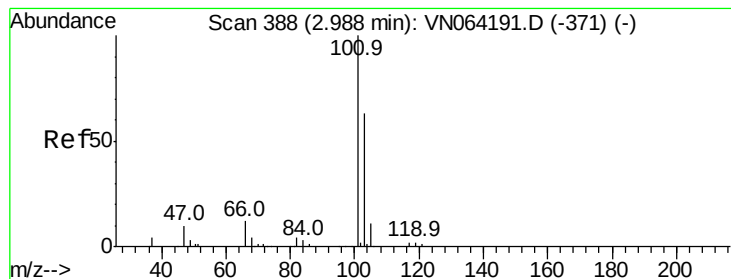
Tgt Ion: 64 Resp: 46539

Ion Ratio Lower Upper

64 100

66 30.9 24.3 36.5



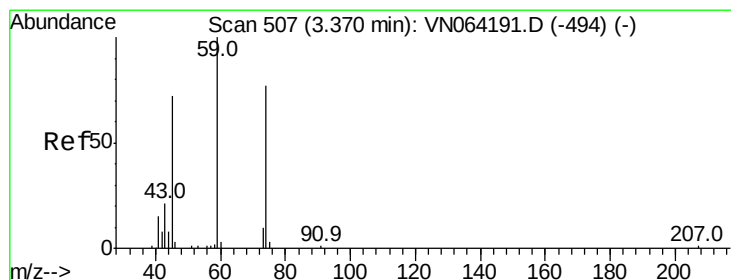
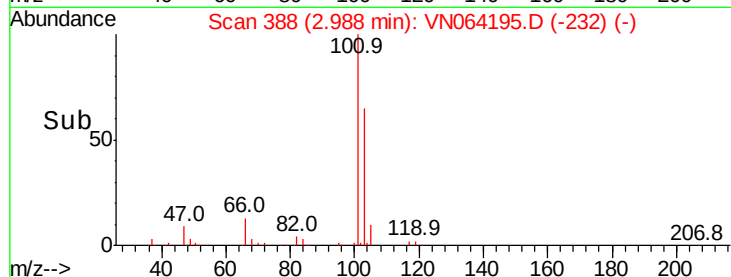
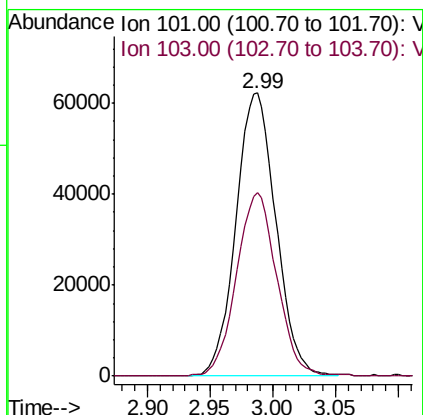
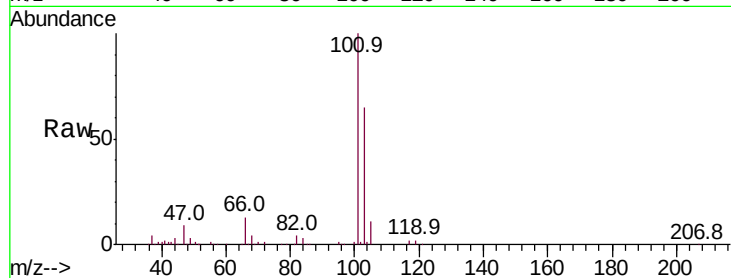


#7

Trichlorofluoromethane
Concen: 22.642 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064195.D
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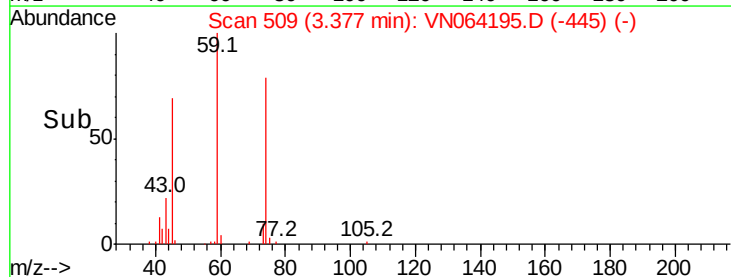
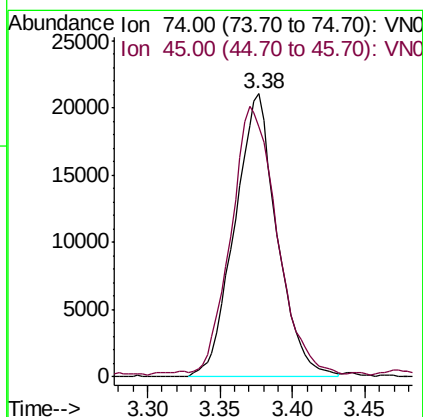
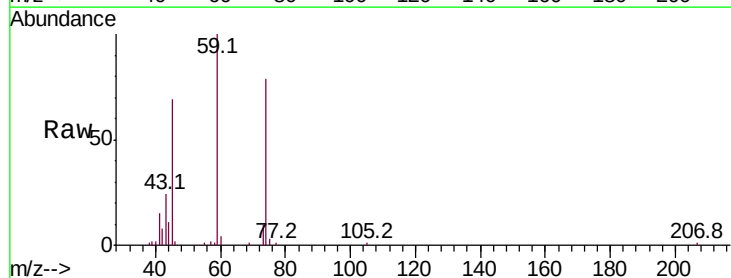
Tot Ion:101 Resp: 137965
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1

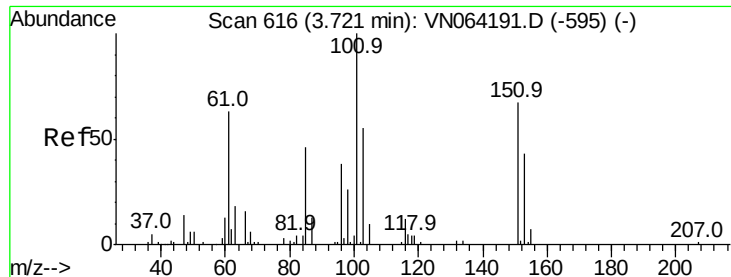


#8

Diethyl Ether
Concen: 20.679 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 74 Resp: 42780
Ion Ratio Lower Upper
74 100
45 103.5 19.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.250 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

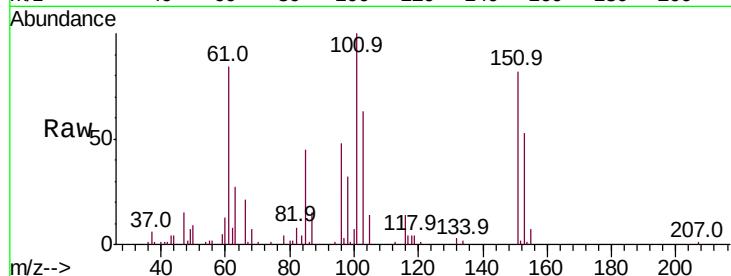
Tot Ion:101 Resp: 68337

Ion Ratio Lower Upper

101 100

85 47.5 0.0 94.0

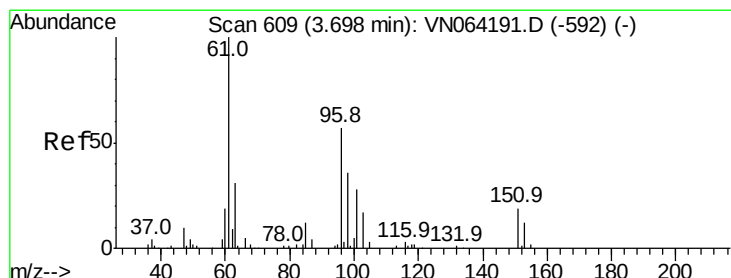
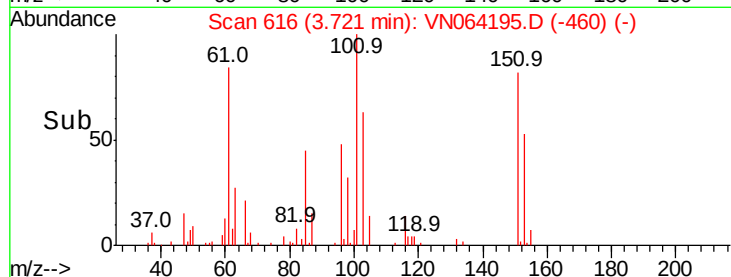
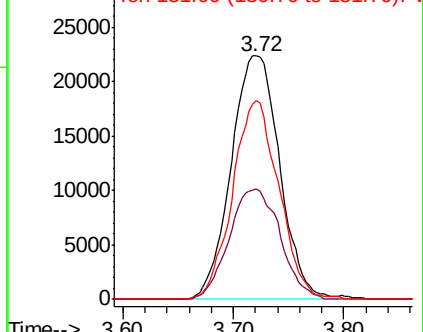
151 77.8 0.0 146.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 21.220 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064195.D

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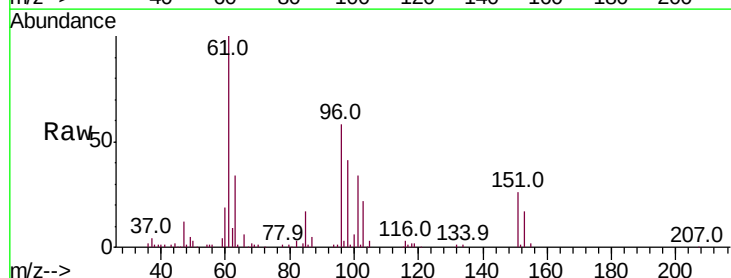
Tgt Ion: 96 Resp: 66443

Ion Ratio Lower Upper

96 100

61 172.1 141.0 211.4

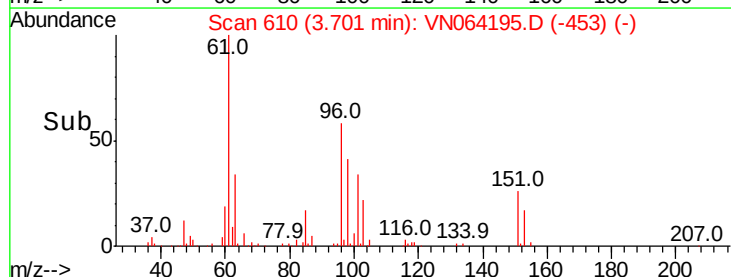
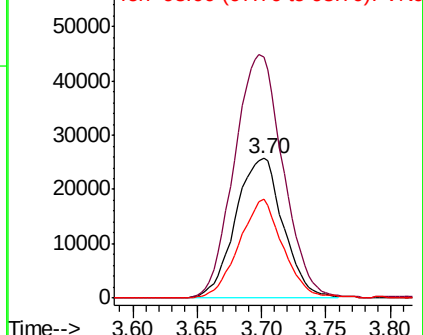
98 70.6 51.4 77.2

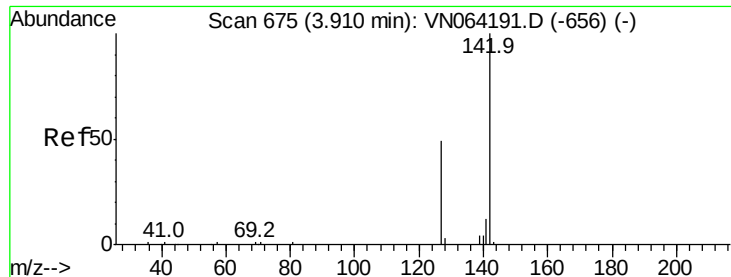


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

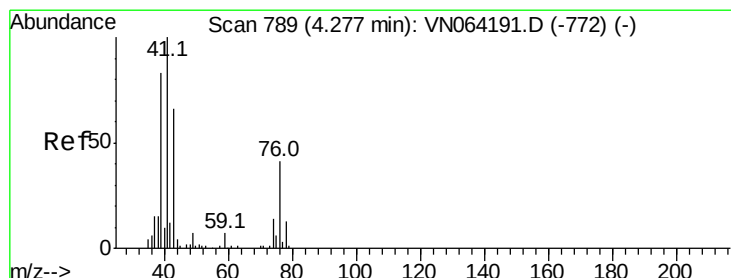
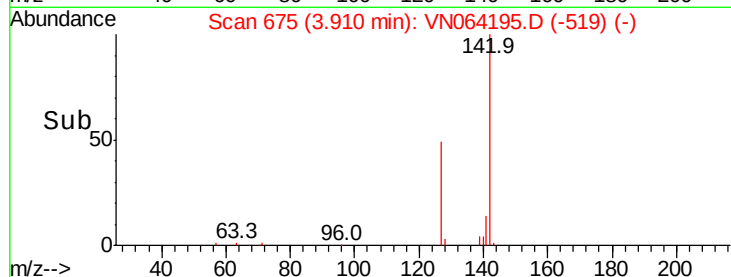
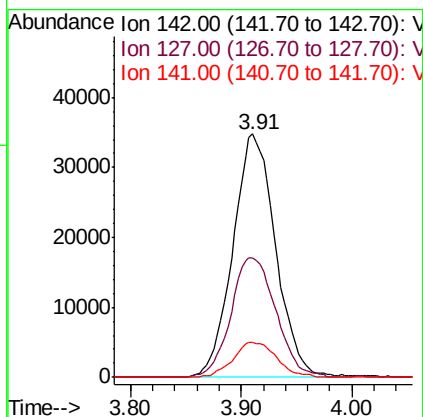
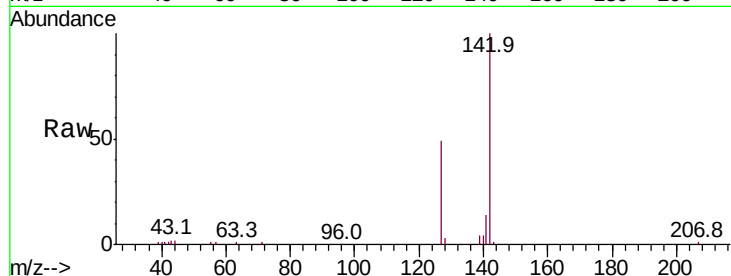




#11
Methyl Iodide
Concen: 20.638 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

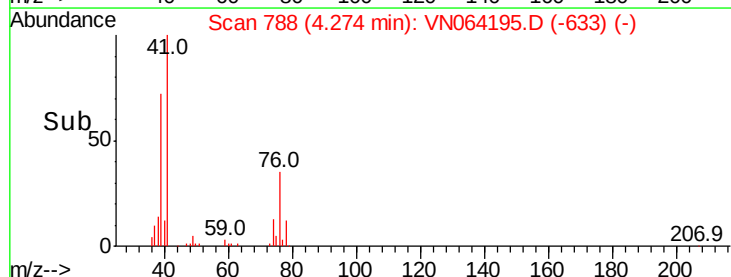
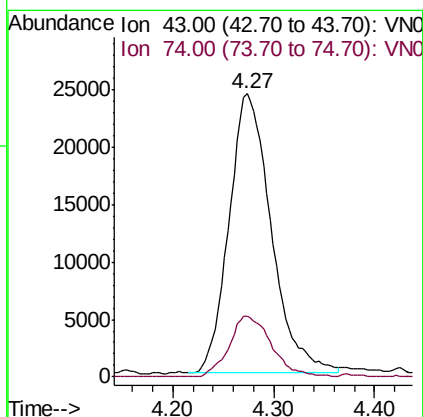
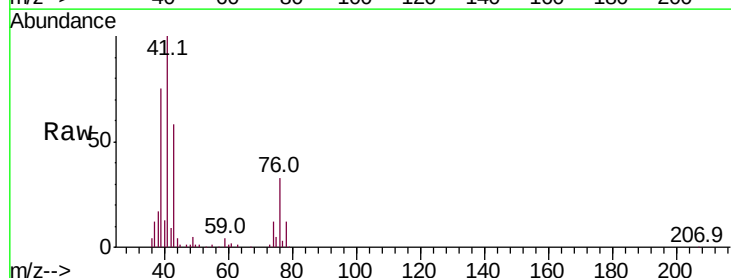
Instrument :
MSVOA_N
ClientSampled :

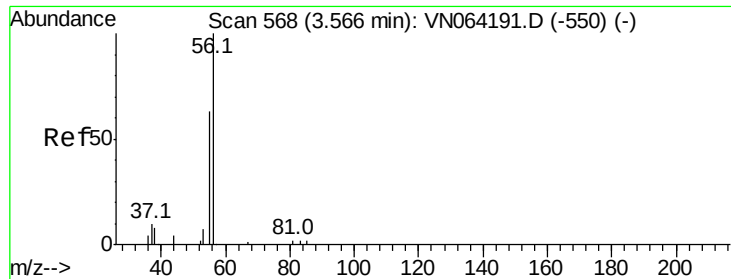
Tot Ion:142 Resp: 93143
Ion Ratio Lower Upper
142 100
127 49.1 24.5 73.5
141 14.2 6.0 18.1



#12
Methyl Acetate
Concen: 21.480 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 43 Resp: 70888
Ion Ratio Lower Upper
43 100
74 22.0 16.2 24.2





#13

Acrolein

Concen: 95.554 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

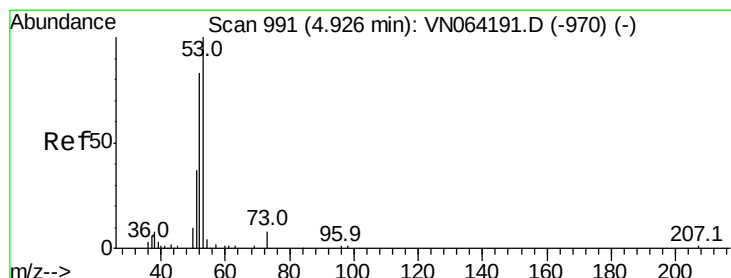
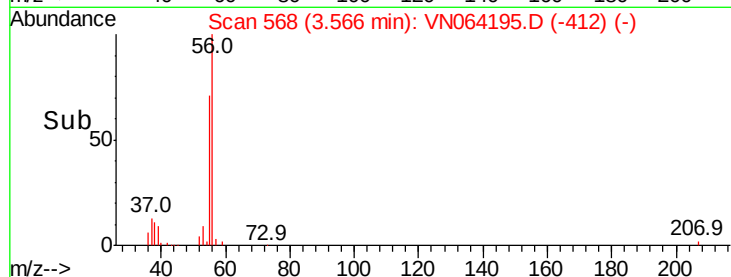
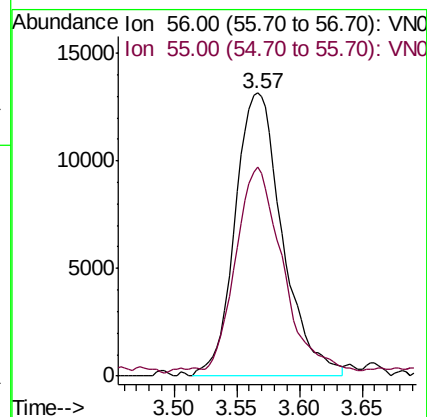
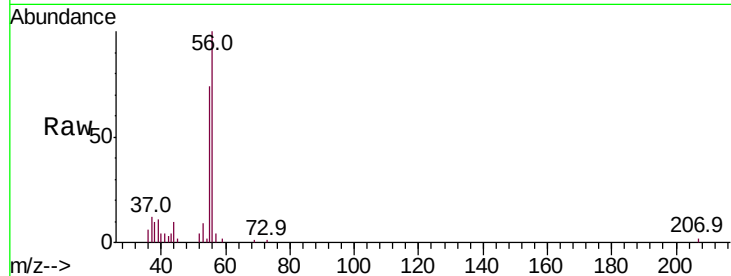
ClientSampleId :

Tot Ion: 56 Resp: 34481

Ion Ratio Lower Upper

56 100

55 70.5 0.5 0.7#



#14

Acrylonitrile

Concen: 103.505 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

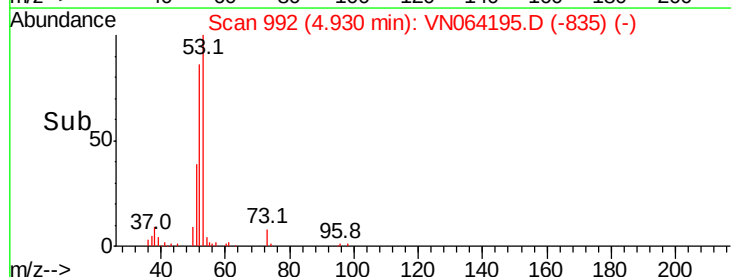
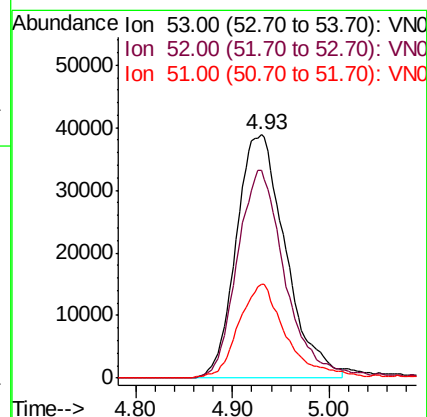
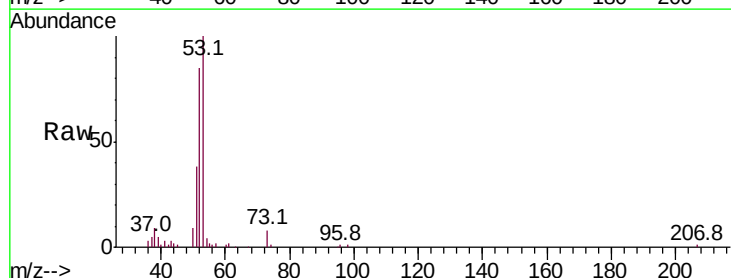
Tgt Ion: 53 Resp: 137653

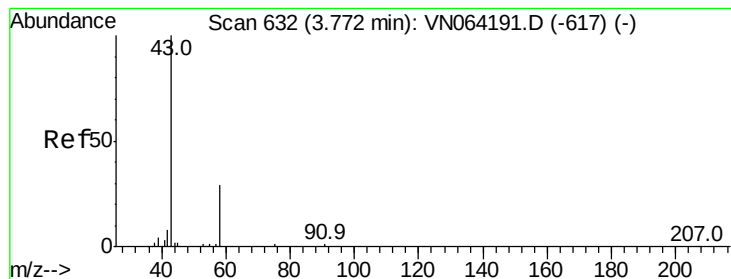
Ion Ratio Lower Upper

53 100

52 81.4 41.3 123.9

51 37.2 18.1 54.1





#15

Acetone

Concen: 104.199 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

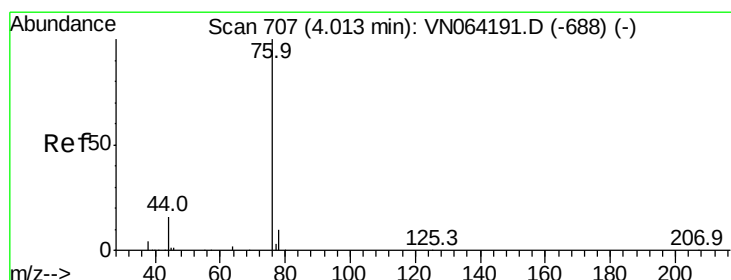
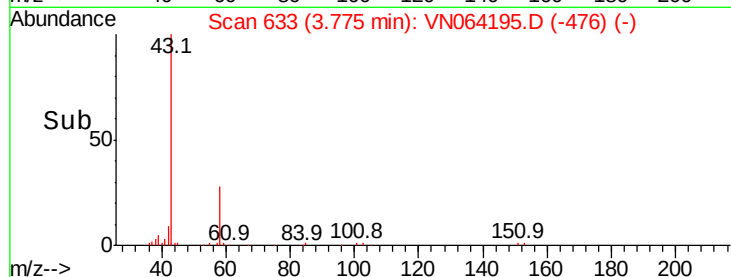
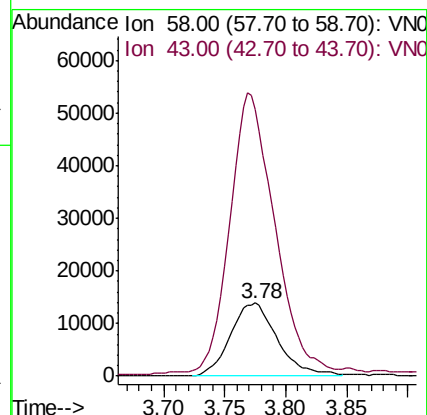
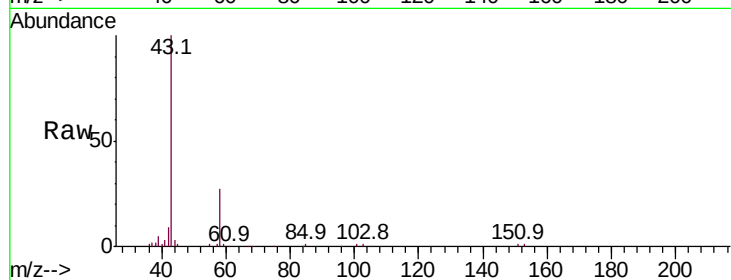
ClientSampled :

Tot Ion: 58 Resp: 37415

Ion Ratio Lower Upper

58 100

43 358.1 272.1 408.1



#16

Carbon Disulfide

Concen: 21.182 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064195.D

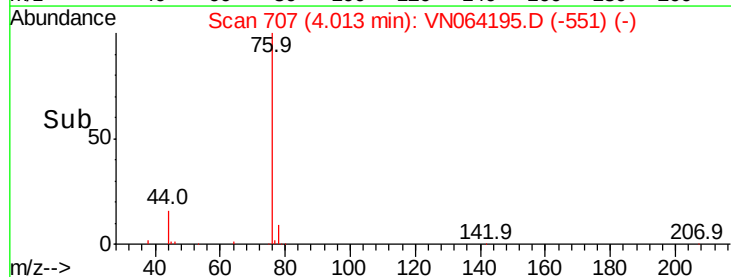
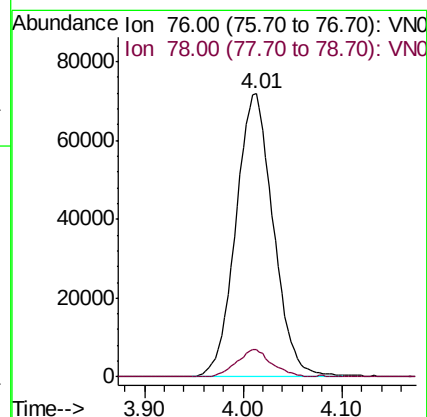
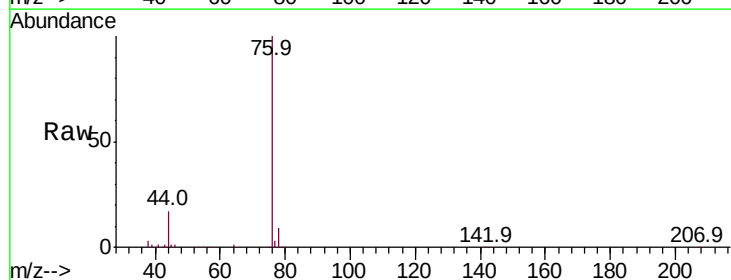
Acq: 20 Oct 2020 13:35

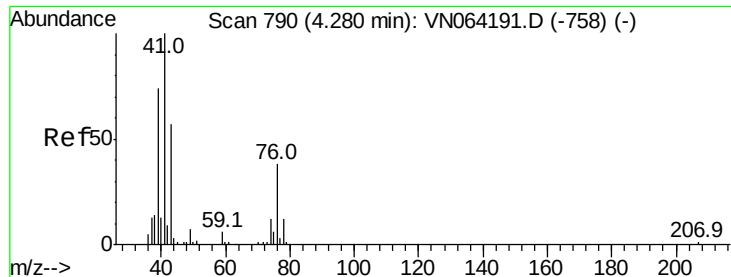
Tgt Ion: 76 Resp: 189674

Ion Ratio Lower Upper

76 100

78 9.5 7.7 11.5

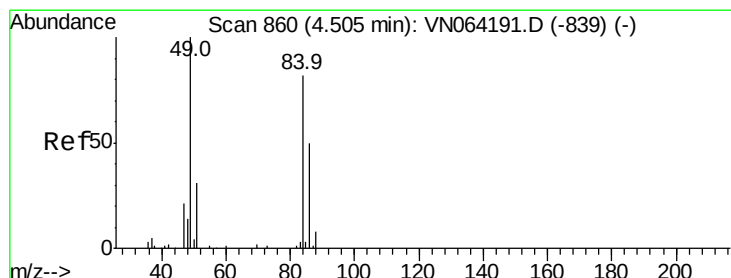
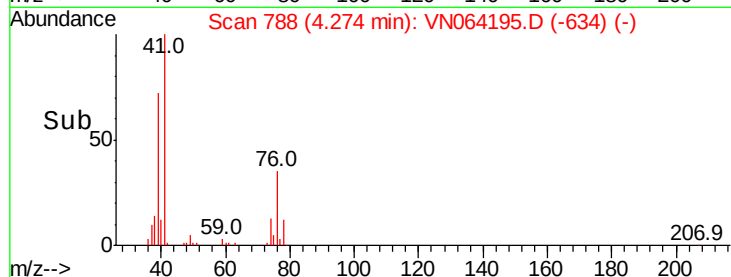
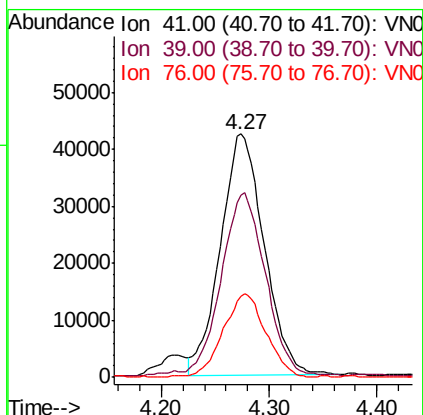
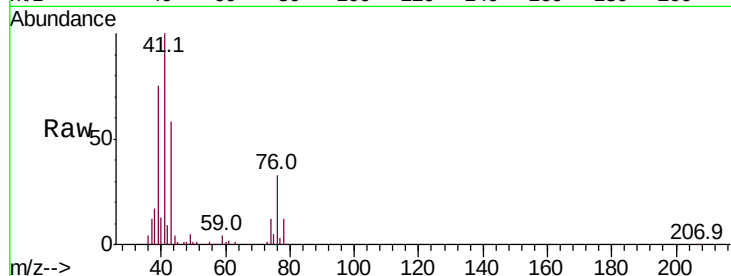




#17
Allvl chloride
Concen: 20.555 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

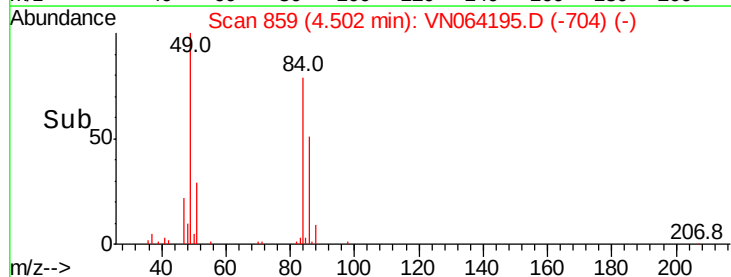
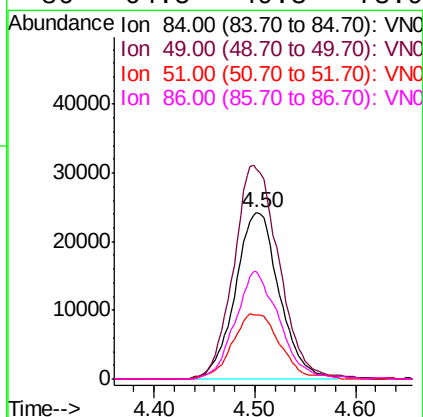
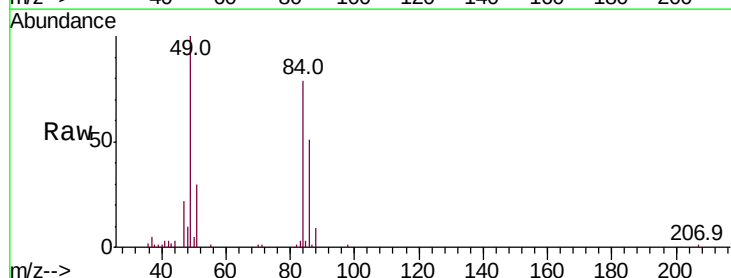
Instrument :
MSVOA_N
ClientSampled :

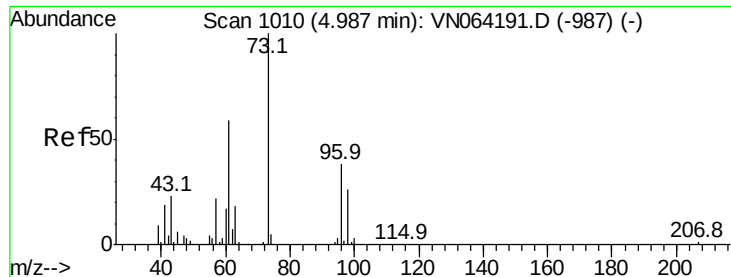
Tot Ion: 41 Resp: 119673
Ion Ratio Lower Upper
41 100
39 74.5 36.8 110.4
76 33.9 18.8 56.4



#18
Methylene Chloride
Concen: 20.563 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 84 Resp: 73640
Ion Ratio Lower Upper
84 100
49 126.3 97.6 146.4
51 38.2 31.1 46.7
86 64.5 49.3 73.9

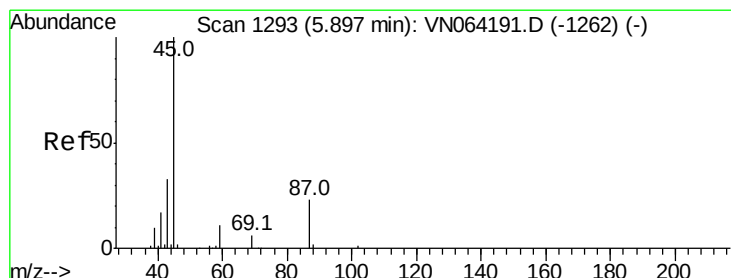
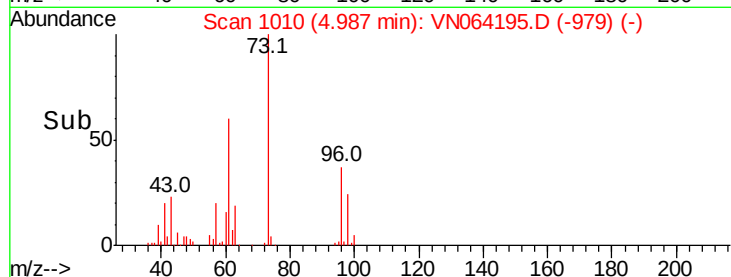
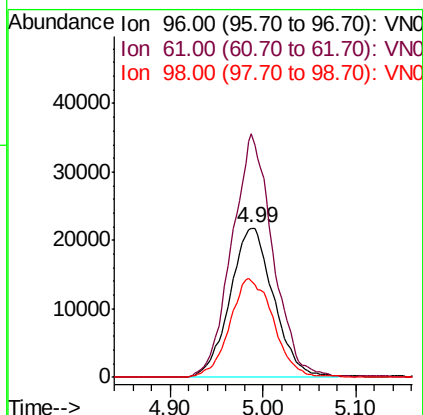
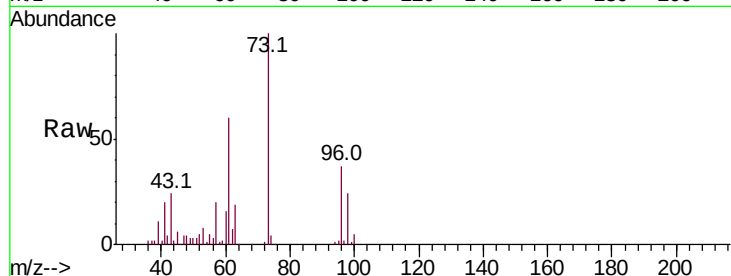




#19
trans-1,2-Dichloroethene
Concen: 21.092 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

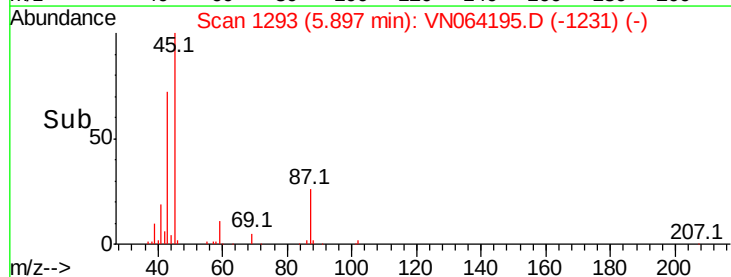
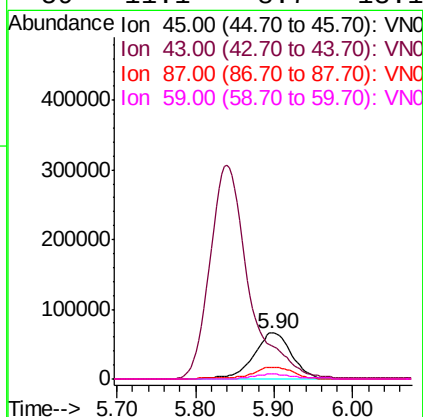
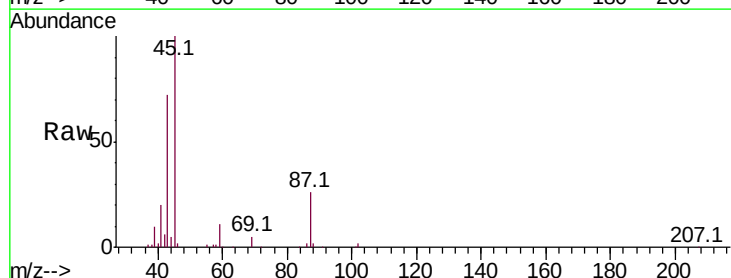
Instrument :
MSVOA_N
ClientSampleId :

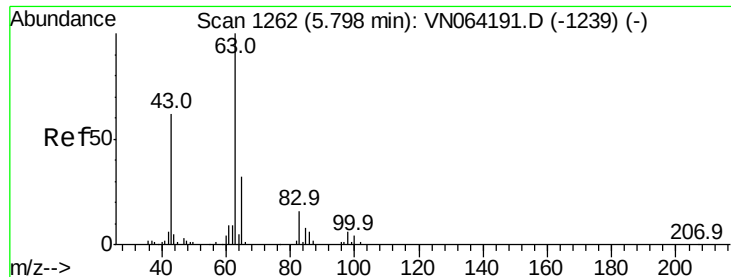
Tot Ion: 96 Resp: 71244
Ion Ratio Lower Upper
96 100
61 162.8 125.5 188.3
98 64.5 54.7 82.1



#20
Diisopropyl ether
Concen: 20.861 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 45 Resp: 224456
Ion Ratio Lower Upper
45 100
43 69.0 55.1 82.7
87 26.3 19.4 29.2
59 11.1 8.7 13.1

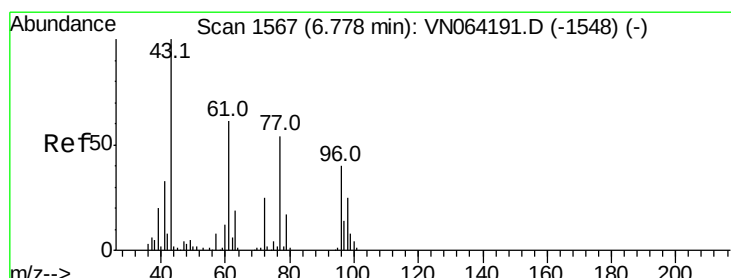
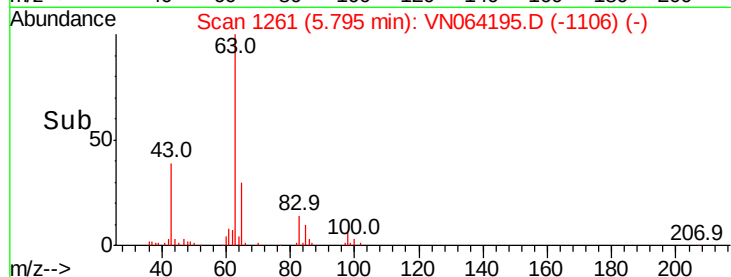
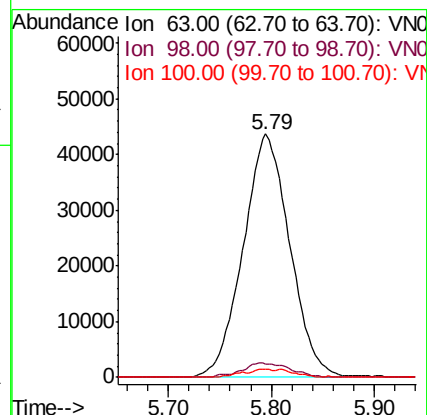
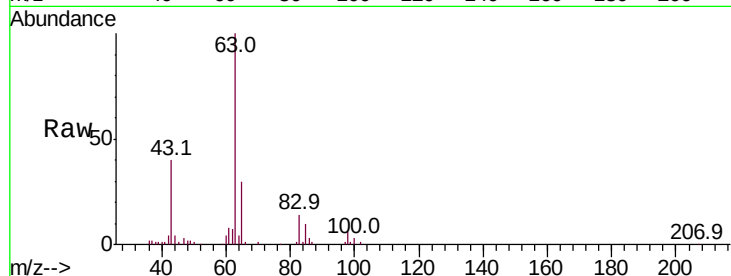




#21
 1,1-Dichloroethane
 Concen: 20.846 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

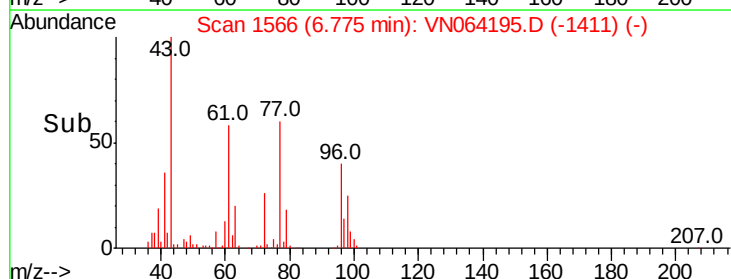
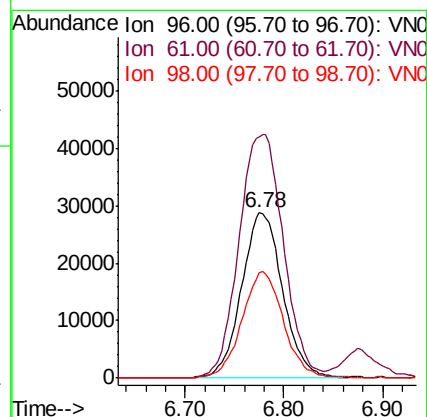
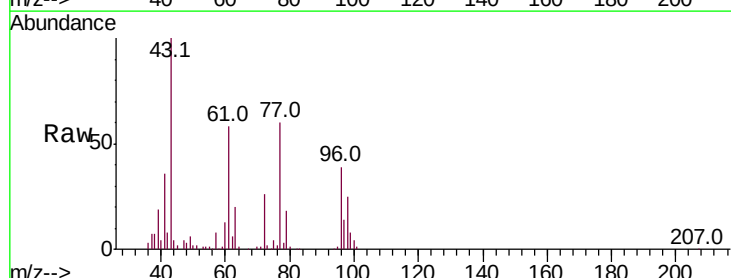
Instrument :
 MSVOA_N
 ClientSampled :

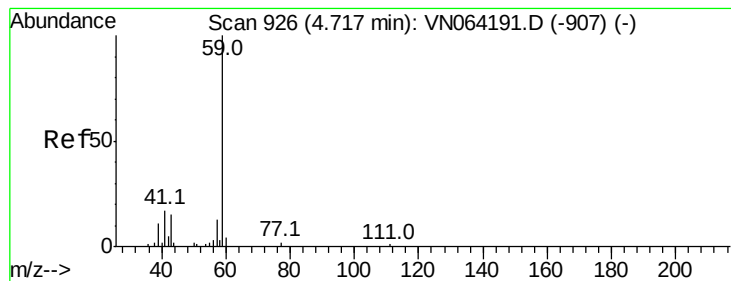
Tot Ion	Ratio	Lower	Upper
63	100		
98	5.6	2.9	8.7
100	3.4	2.1	6.3



#22
 cis-1,2-Dichloroethene
 Concen: 21.097 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.9	126.2	189.4
98	64.6	50.2	75.4



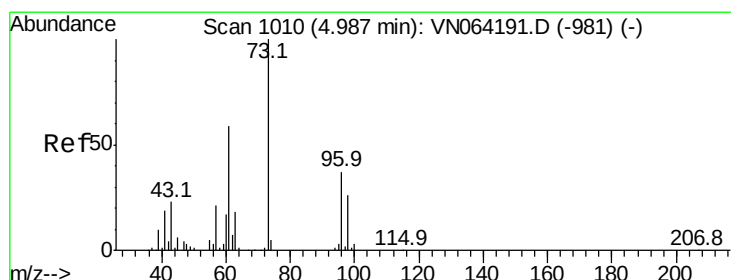
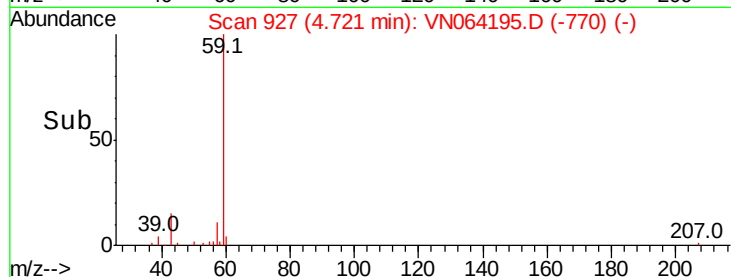
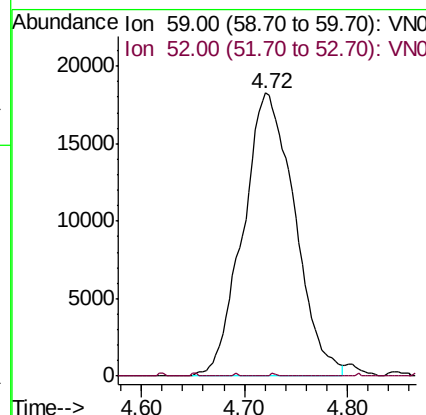
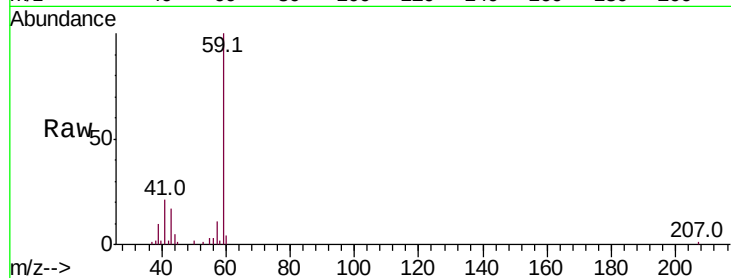


#23

tert-Butyl Alcohol
 Concen: 103.282 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampled :

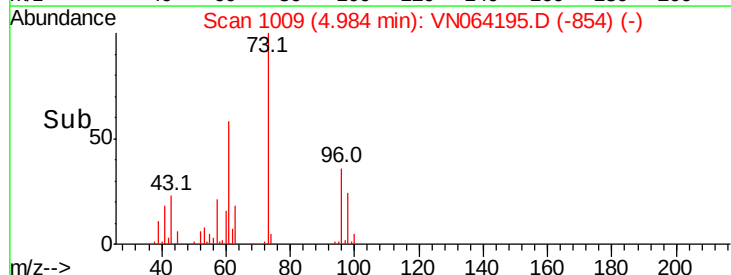
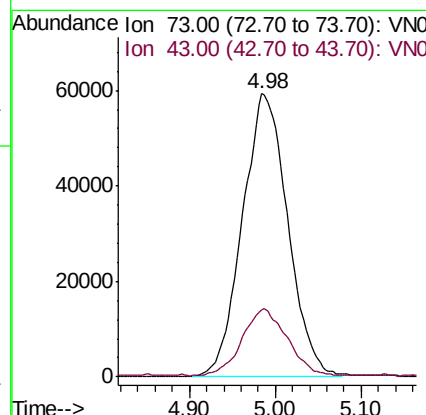
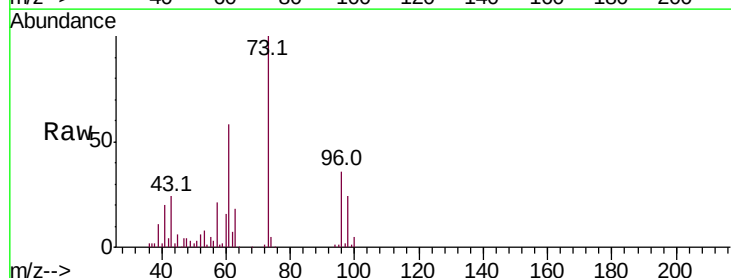
Tot Ion: 59 Resp: 63530
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.0 0.0#

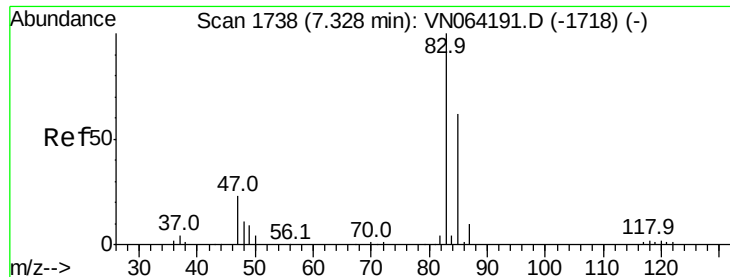


#24

Methyl tert-Butyl Ether
 Concen: 21.063 ug/l
 RT: 4.98 min Scan# 1009
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 73 Resp: 217927
 Ion Ratio Lower Upper
 73 100
 43 23.4 18.2 27.2

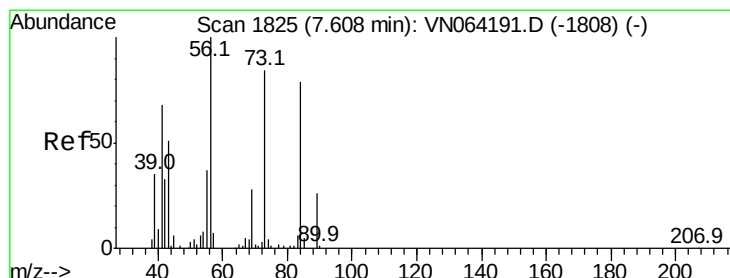
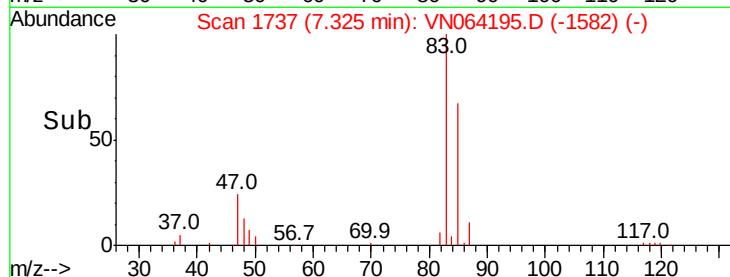
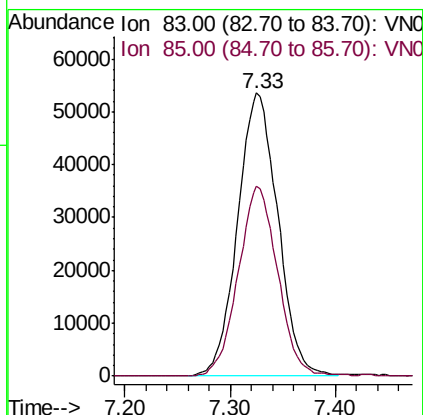
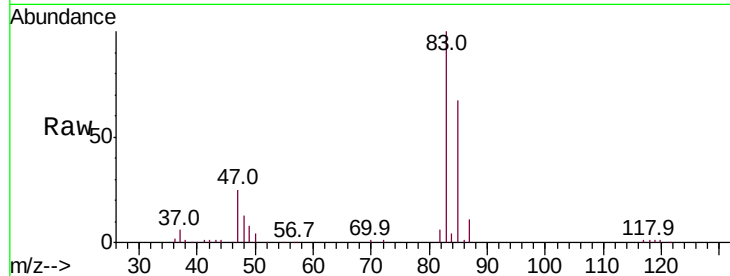




#25
Chloroform
Concen: 20.811 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

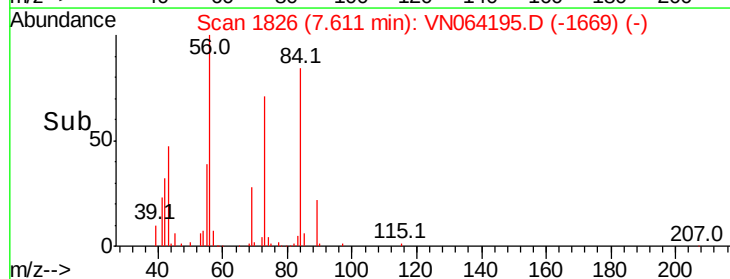
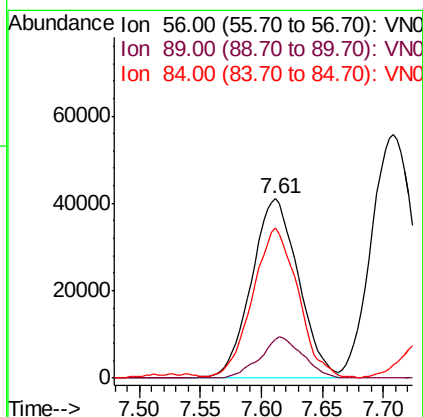
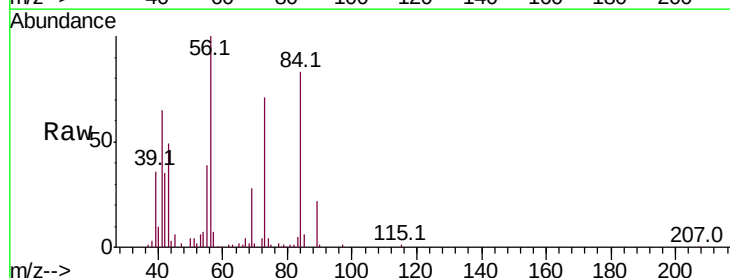
Instrument :
MSVOA_N
ClientSampleId :

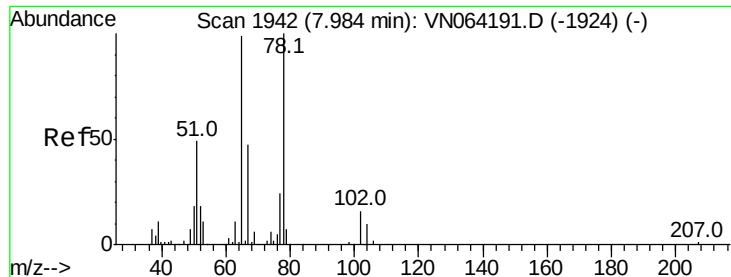
Tot Ion: 83 Resp: 142038
Ion Ratio Lower Upper
83 100
85 67.2 49.7 74.5



#26
Cyclohexane
Concen: 21.115 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 56 Resp: 109972
Ion Ratio Lower Upper
56 100
89 20.8 21.4 32.0#
84 80.8 65.8 98.6





#27

1,2-Dichloroethane-d4

Concen: 30.483 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. 0.00 min

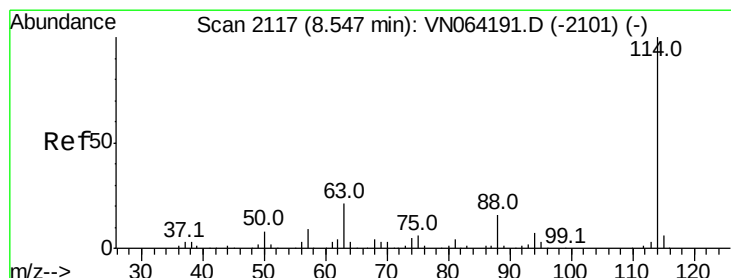
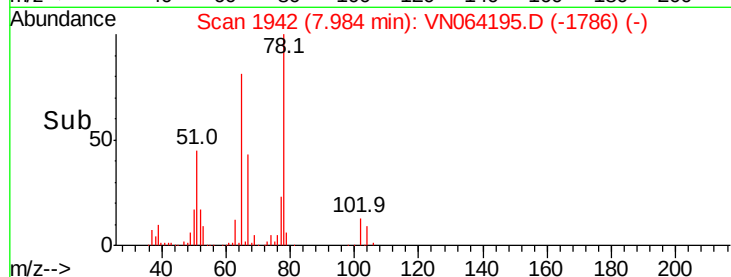
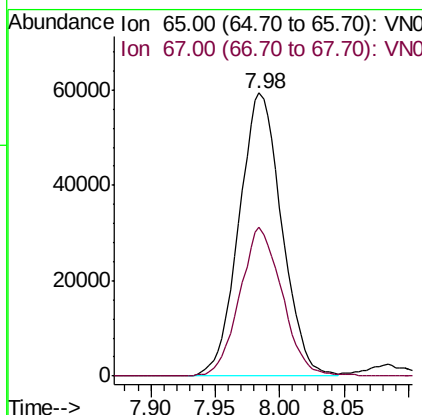
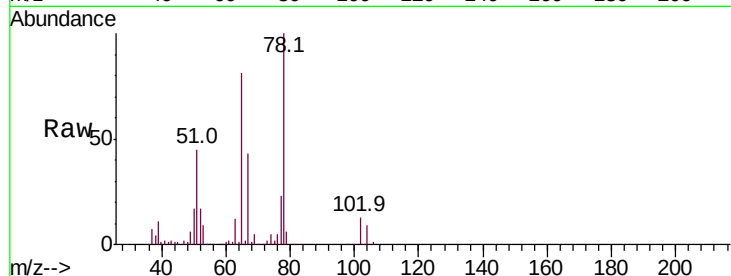
Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 65 Resp: 136951

Ion	Ratio	Lower	Upper
65	100		
67	52.0	39.8	59.6



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

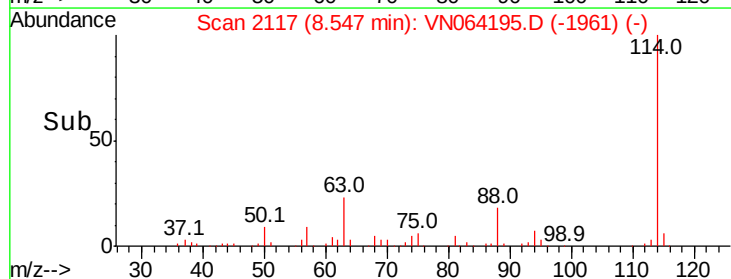
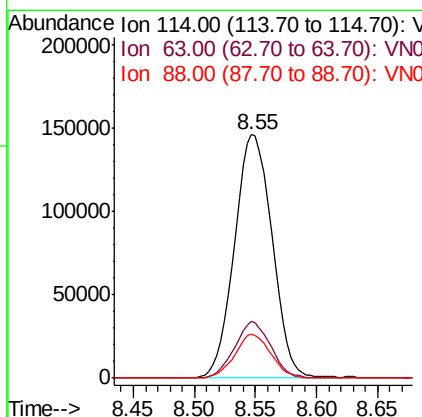
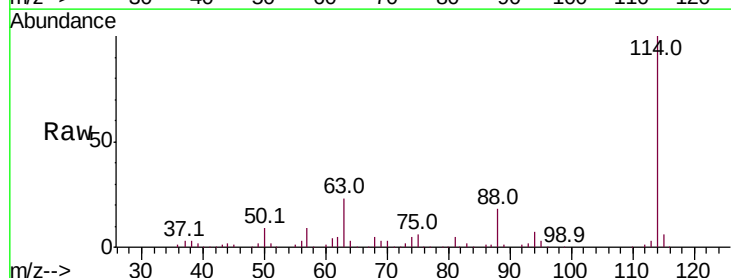
Delta R.T. 0.00 min

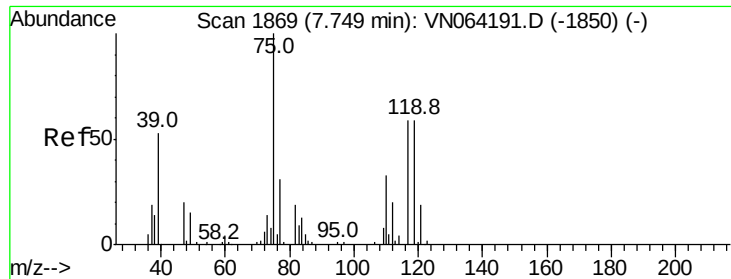
Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Tgt Ion: 114 Resp: 313545

Ion	Ratio	Lower	Upper
114	100		
63	22.2	17.0	25.4
88	17.2	13.0	19.4





#29

1,1-Dichloropropene

Concen: 20.748 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

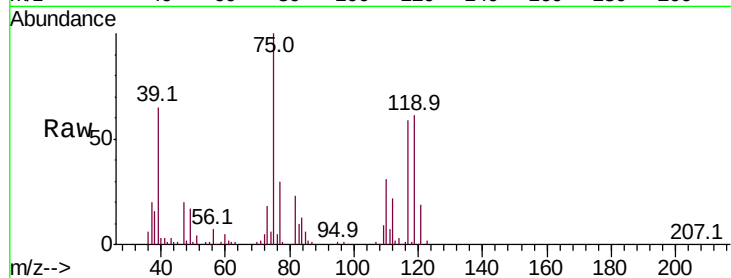
Tot Ion: 75 Resp: 108040

Ion Ratio Lower Upper

75 100

110 32.7 0.0 66.8

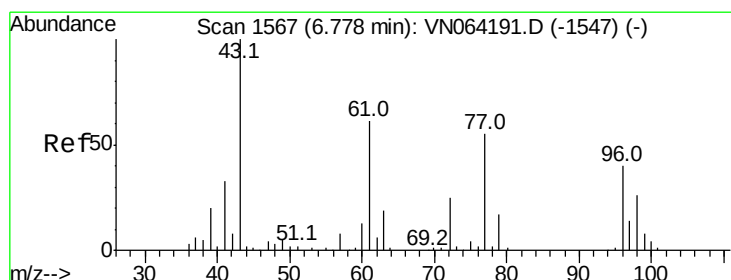
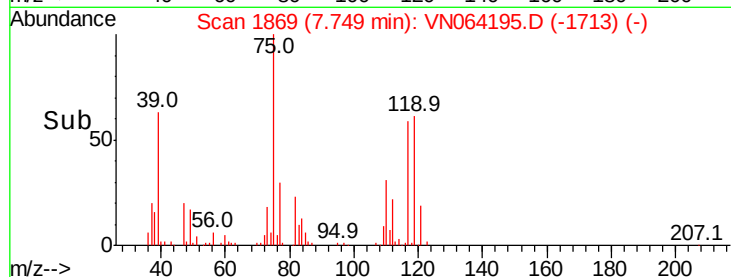
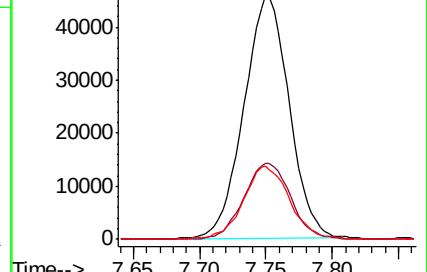
77 30.8 0.0 63.6



Abundance Ion 75.00 (74.70 to 75.70): VN064195.D (-1850) (-)

Ion 110.00 (109.70 to 110.70): VN064195.D (-1850) (-)

Ion 77.00 (76.70 to 77.70): VN064195.D (-1850) (-)



#30

2-Butanone

Concen: 101.872 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

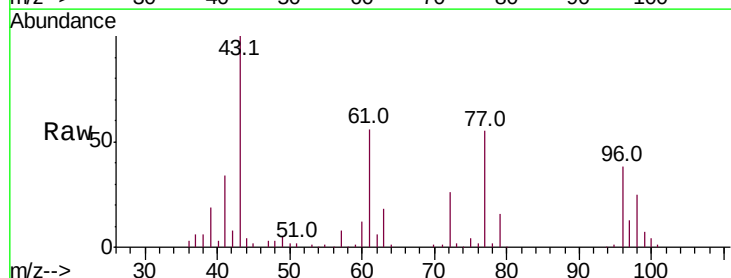
Tgt Ion: 43 Resp: 218747

Ion Ratio Lower Upper

43 100

57 7.8 5.8 8.6

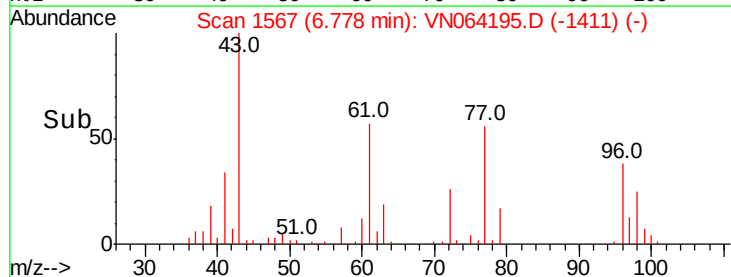
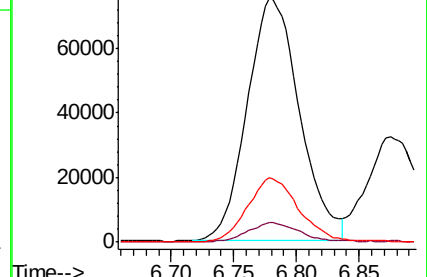
72 25.8 19.8 29.8

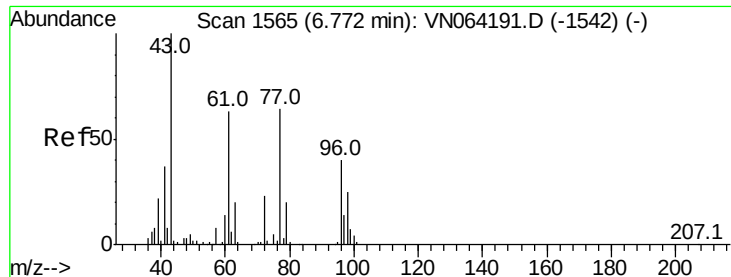


Abundance Ion 43.00 (42.70 to 43.70): VN064195.D (-1411) (-)

Ion 57.00 (56.70 to 57.70): VN064195.D (-1411) (-)

Ion 72.00 (71.70 to 72.70): VN064195.D (-1411) (-)

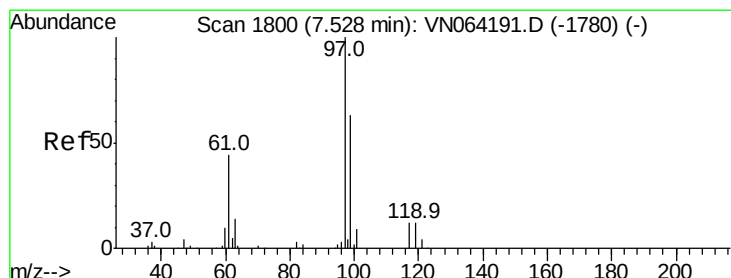
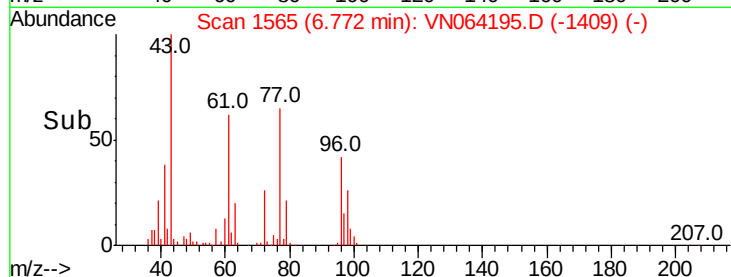
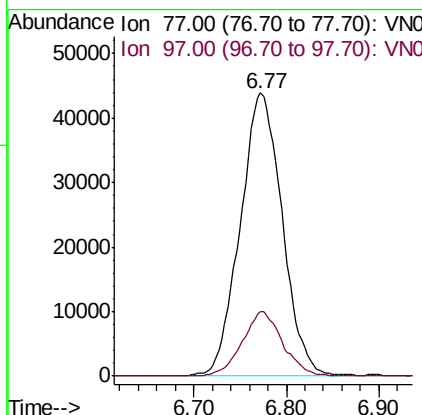
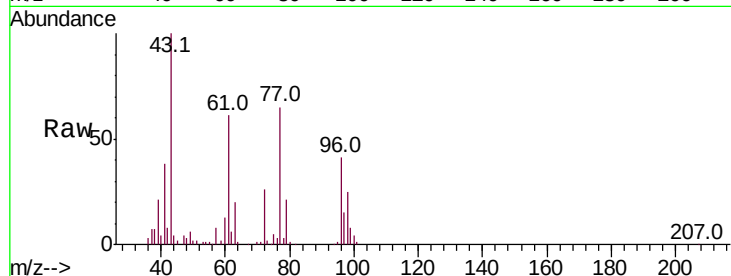




#31
 2,2-Dichloropropane
 Concen: 20.883 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

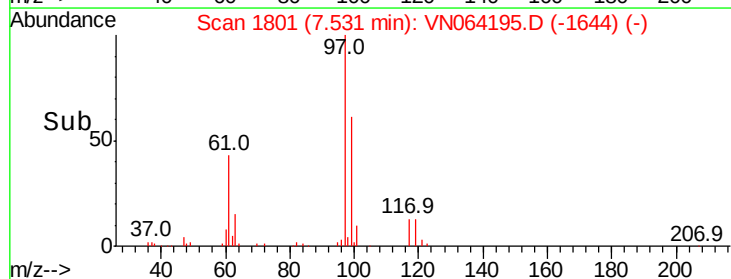
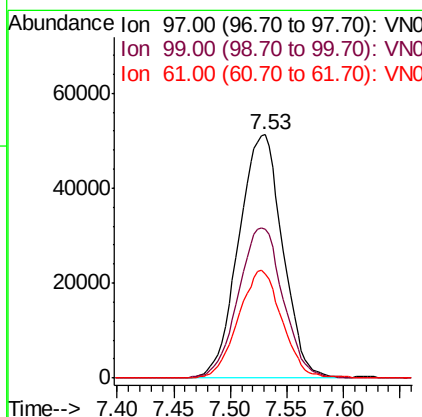
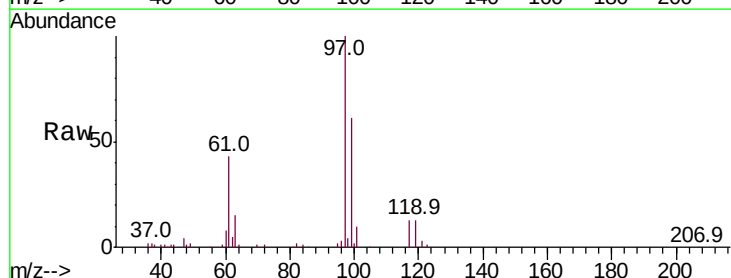
Instrument :
 MSVOA_N
 ClientSampled :

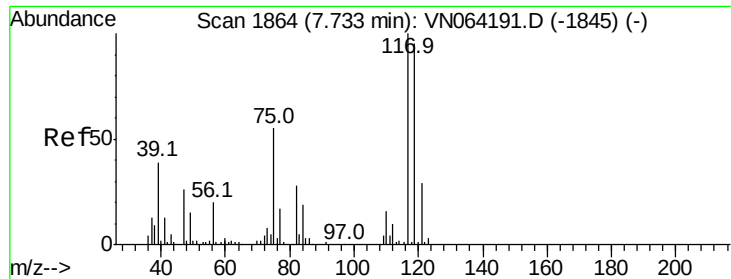
Tot Ion: 77 Resp: 138052
 Ion Ratio Lower Upper
 77 100
 97 21.9 17.3 25.9



#32
 1,1,1-Trichloroethane
 Concen: 20.912 ug/l
 RT: 7.53 min Scan# 1801
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 97 Resp: 138744
 Ion Ratio Lower Upper
 97 100
 99 61.7 51.3 76.9
 61 43.8 34.8 52.2

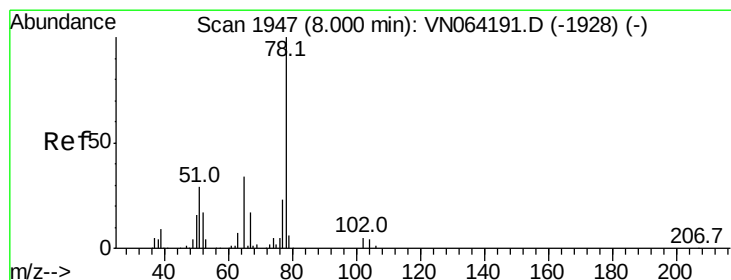
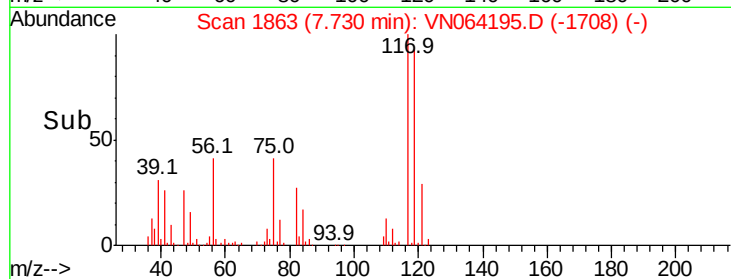
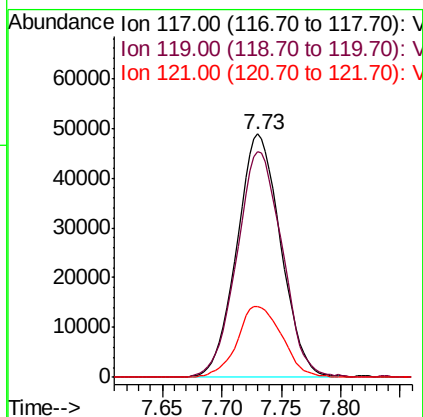
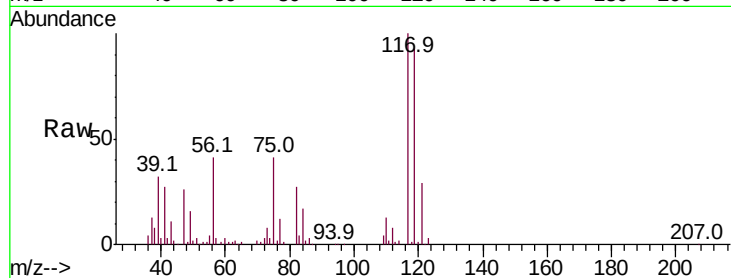




#33
Carbon Tetrachloride
Concen: 20.620 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

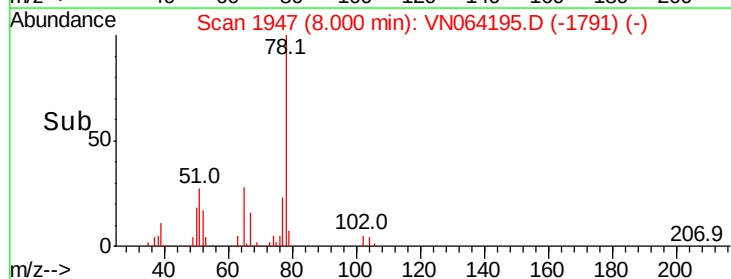
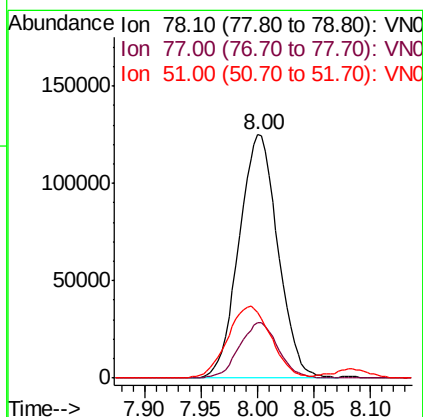
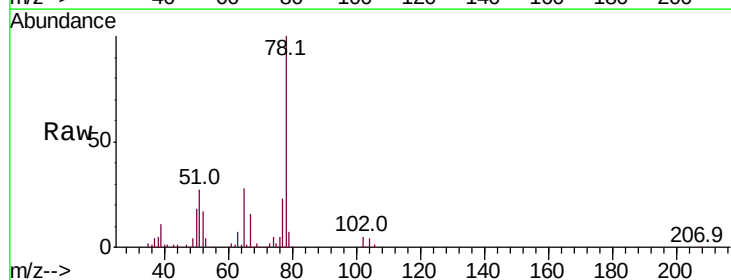
Instrument :
MSVOA_N
ClientSampled :

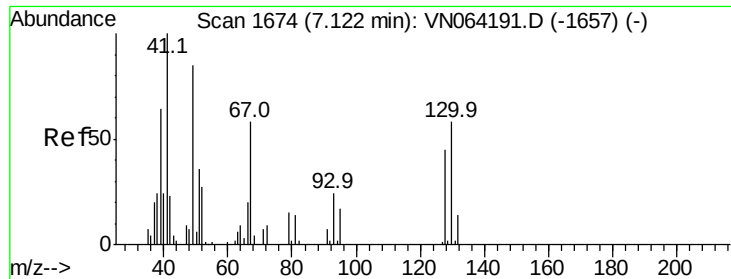
Tot Ion:117 Resp: 124723
Ion Ratio Lower Upper
117 100
119 92.7 76.0 114.0
121 29.0 23.0 34.6



#34
Benzene
Concen: 20.626 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 78 Resp: 299081
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6
51 26.6 23.0 34.6

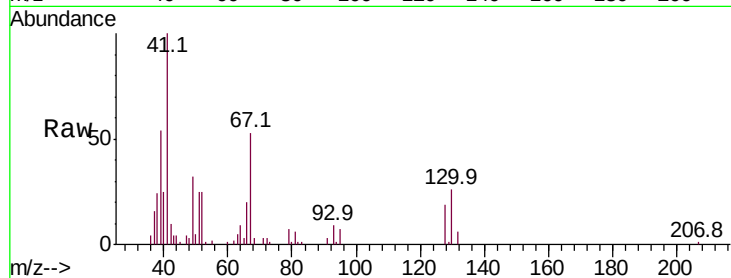




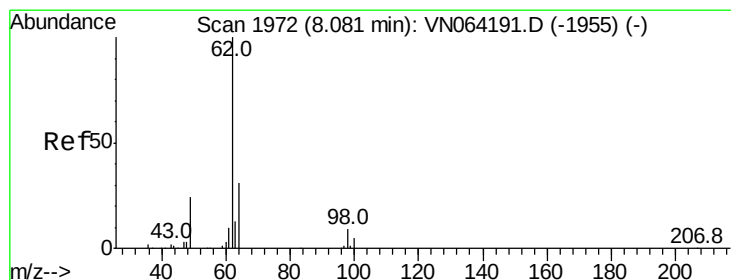
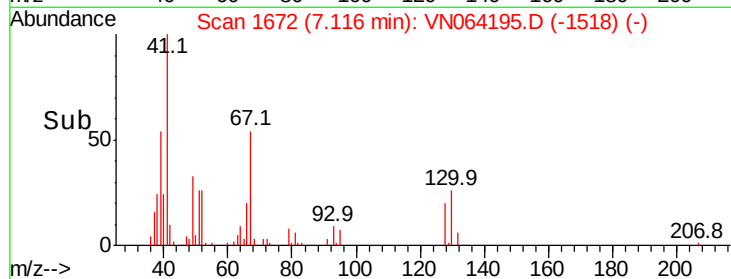
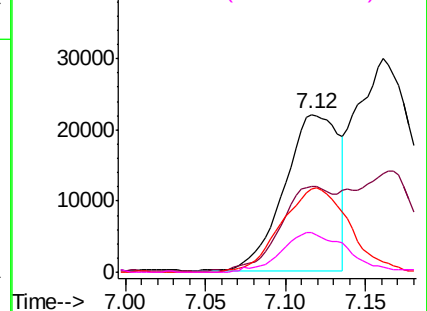
#35
Methacrylonitrile
Concen: 22.317 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	52565
Ion	Ratio	Lower	Upper
41	100		
39	53.7	32.1	96.3
67	53.4	28.9	86.8
52	25.5	13.4	40.2

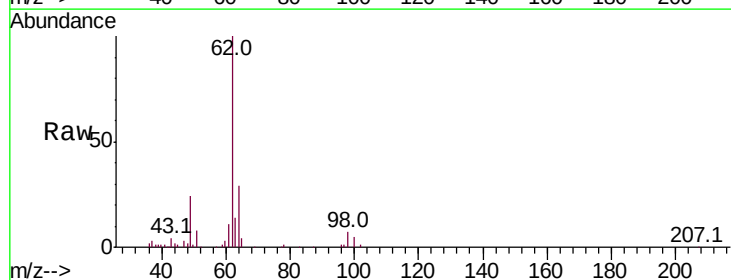


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

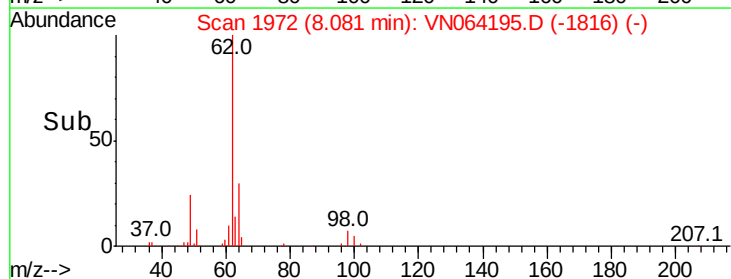
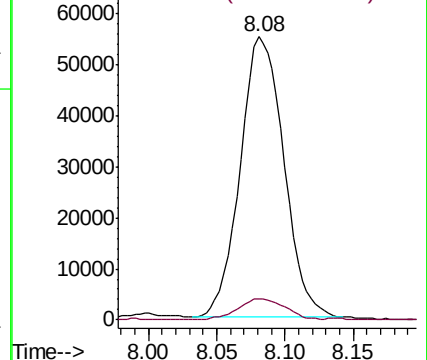


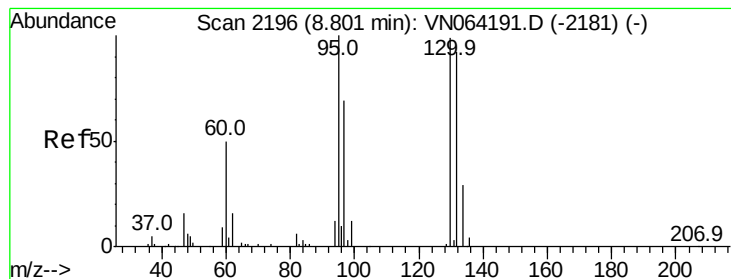
#36
1,2-Dichloroethane
Concen: 20.835 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion:	62	Resp:	122188
Ion	Ratio	Lower	Upper
62	100		
98	8.2	6.3	9.5



Abundance Ion 62.00 (61.70 to 62.70): VN0
Ion 98.00 (97.70 to 98.70): VN0





#37

Trichloroethene

Concen: 20.906 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

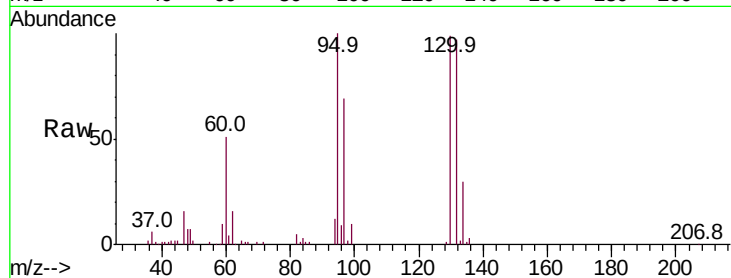
ClientSampleId :

Tot Ion:130 Resp: 83464

Ion Ratio Lower Upper

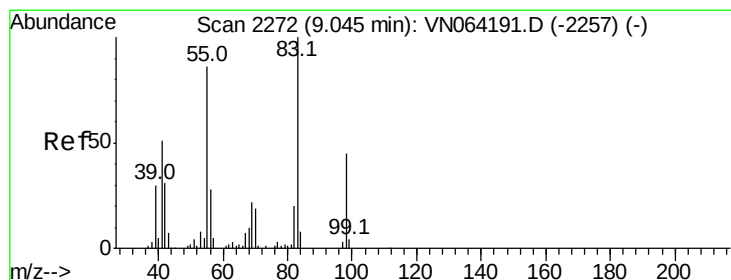
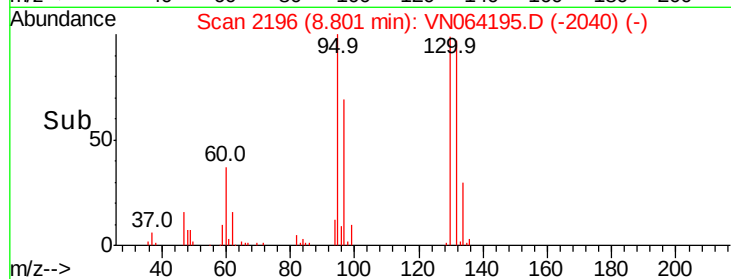
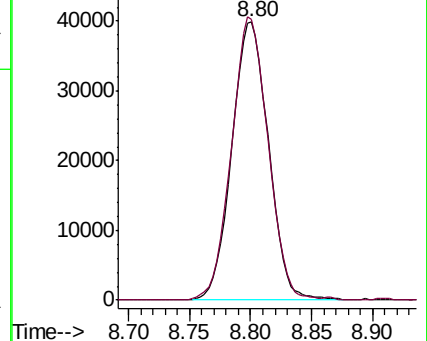
130 100

95 100.9 81.0 121.4



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 20.890 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

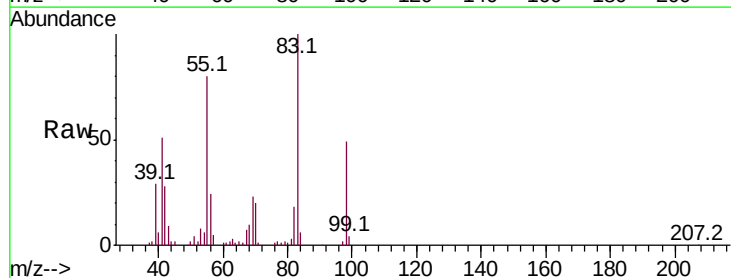
Tgt Ion: 83 Resp: 104036

Ion Ratio Lower Upper

83 100

55 80.5 40.3 120.9

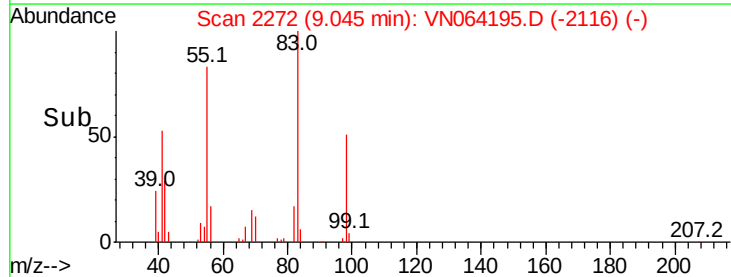
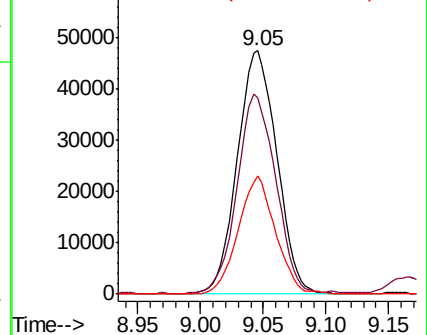
98 44.4 22.4 67.0

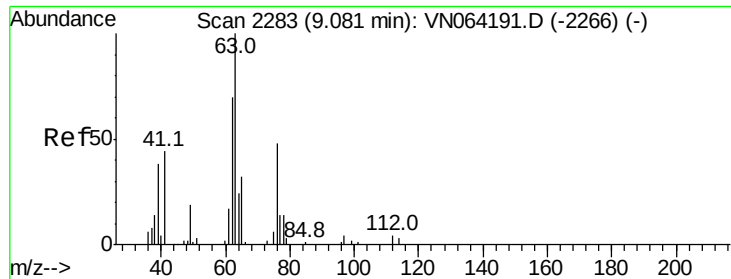


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN

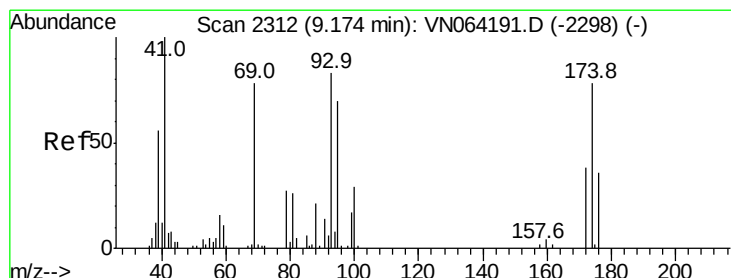
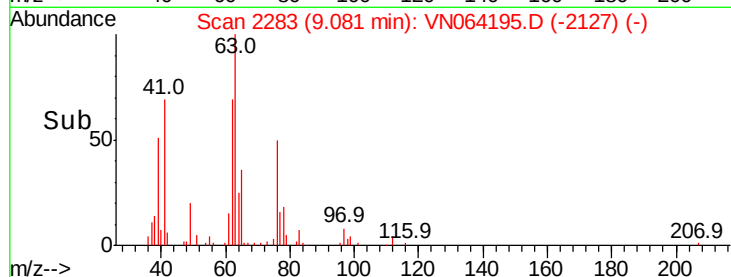
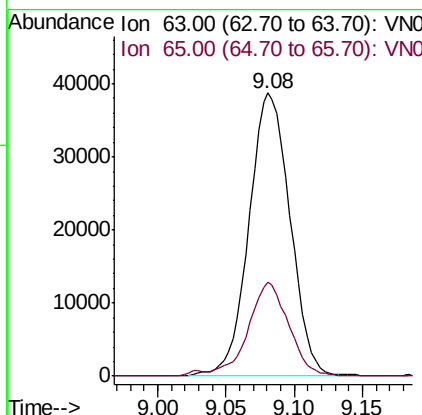
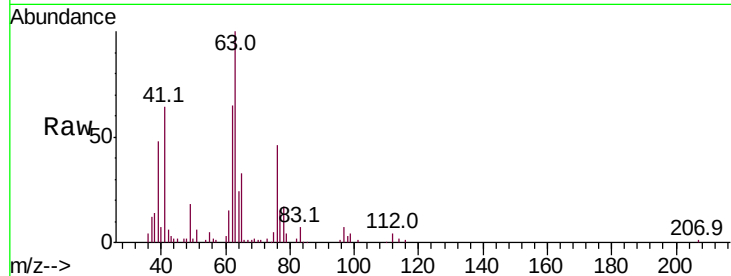




#39
 1,2-Dichloropropane
 Concen: 20.933 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

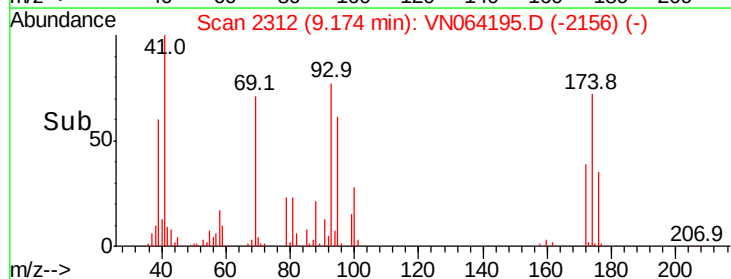
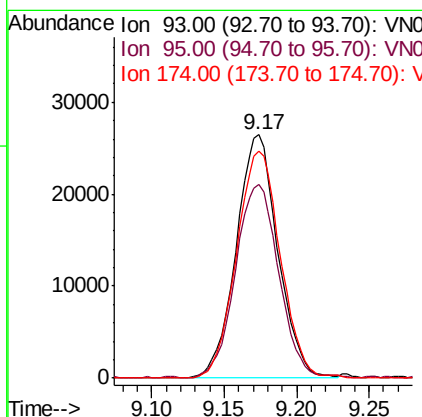
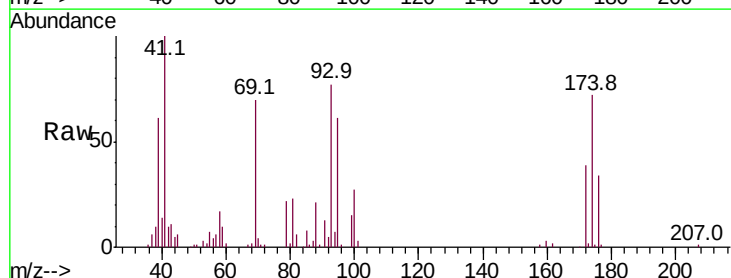
Instrument :
 MSVOA_N
 ClientSampleId :

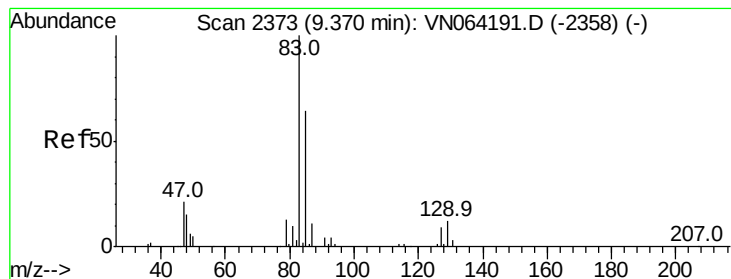
Tot Ion: 63 Resp: 81002
 Ion Ratio Lower Upper
 63 100
 65 33.3 26.5 39.7



#40
 Dibromomethane
 Concen: 19.678 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 93 Resp: 52981
 Ion Ratio Lower Upper
 93 100
 95 82.7 0.0 169.2
 174 97.3 0.0 187.4





#41

Bromodichloromethane

Concen: 20.764 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

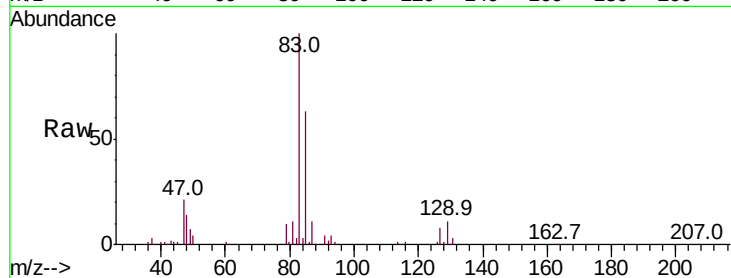
Tot Ion: 83 Resp: 120990

Ion Ratio Lower Upper

83 100

85 62.8 51.5 77.3

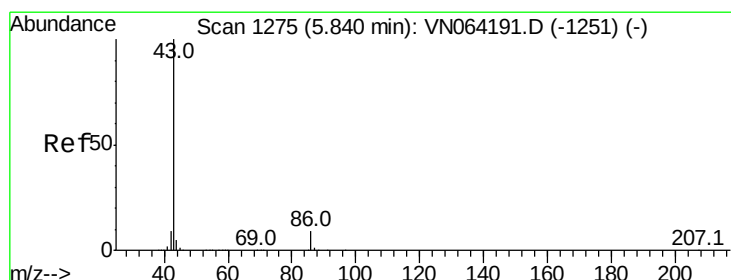
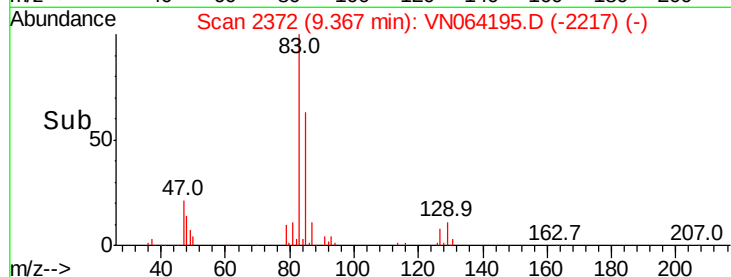
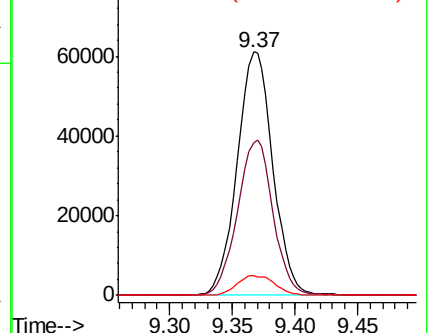
127 8.1 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): VN0



#42

Vinyl Acetate

Concen: 102.781 ug/l

RT: 5.84 min Scan# 1275

Delta R.T. 0.00 min

Lab File: VN064195.D

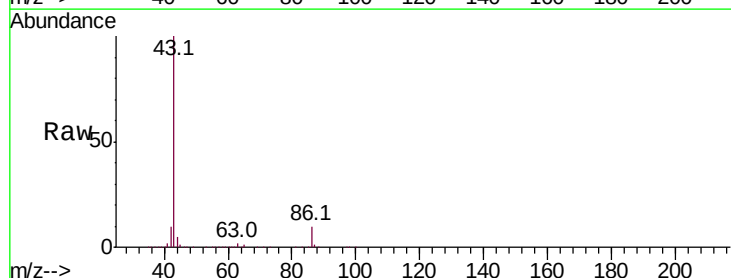
Acq: 20 Oct 2020 13:35

Tgt Ion: 43 Resp: 1047758

Ion Ratio Lower Upper

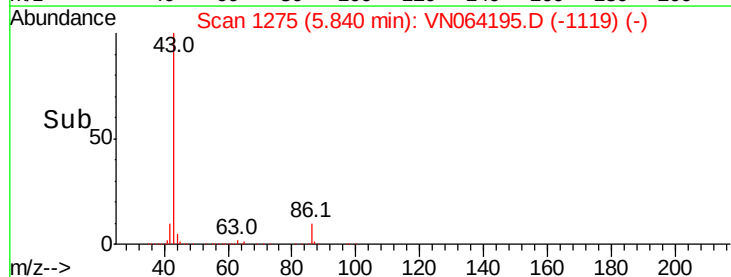
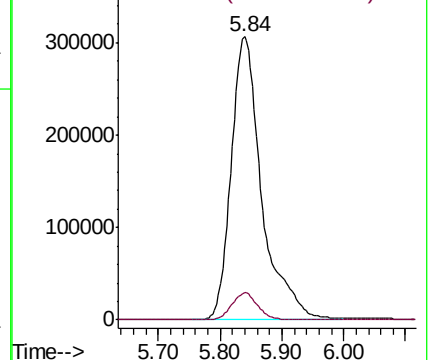
43 100

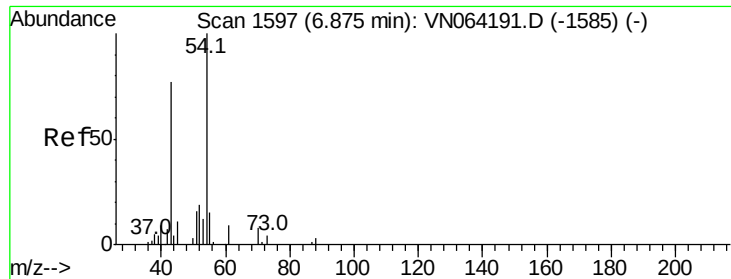
86 8.2 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

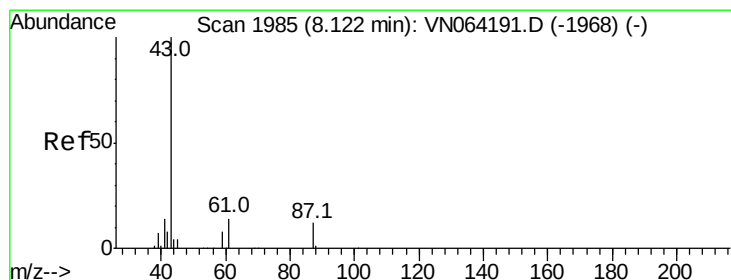
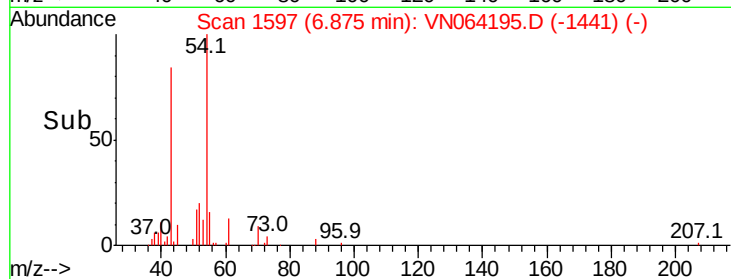
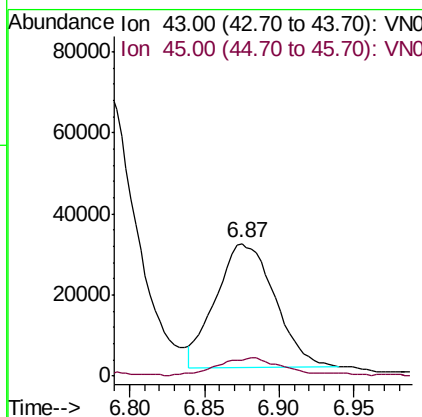
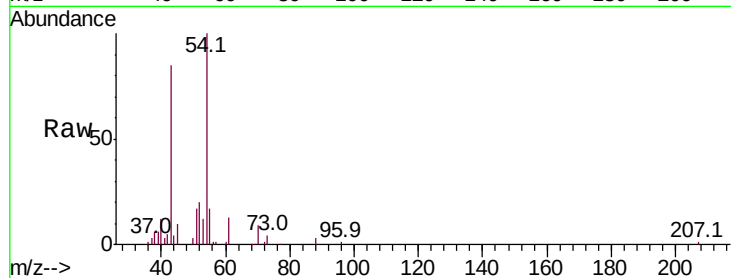




#43
Ethyl Acetate
Concen: 18.047 ug/l
RT: 6.87 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

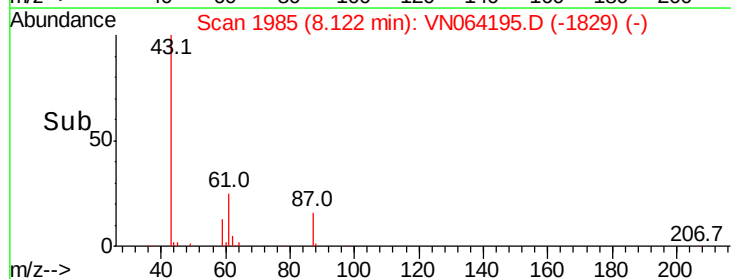
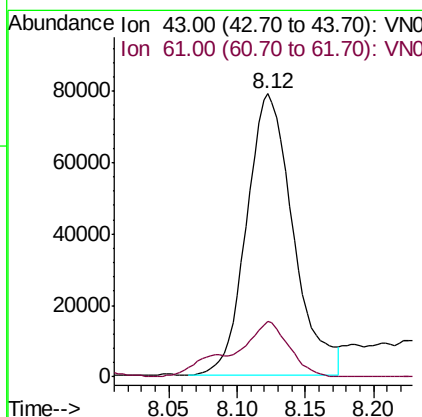
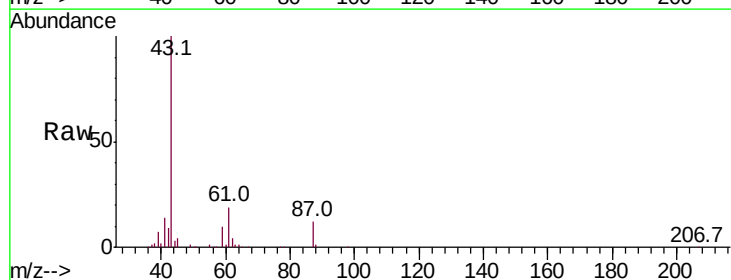
Instrument :
MSVOA_N
ClientSampled :

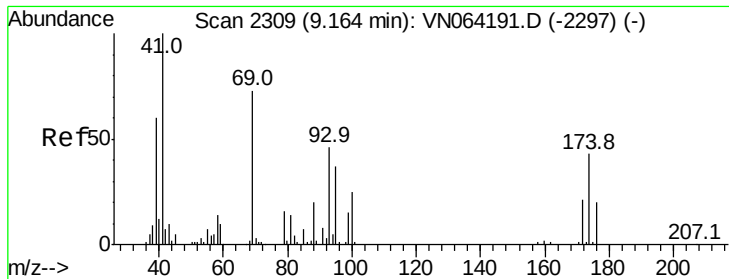
Tot Ion: 43 Resp: 84636
Ion Ratio Lower Upper
43 100
45 6.2 9.8 14.8#



#44
Isopropyl Acetate
Concen: 20.723 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 43 Resp: 186581
Ion Ratio Lower Upper
43 100
61 17.8 18.7 28.1#





#45

1,4-Dioxane

Concen: 192.659 ug/l

RT: 9.16 min Scan# 2307

Delta R.T. -0.01 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :

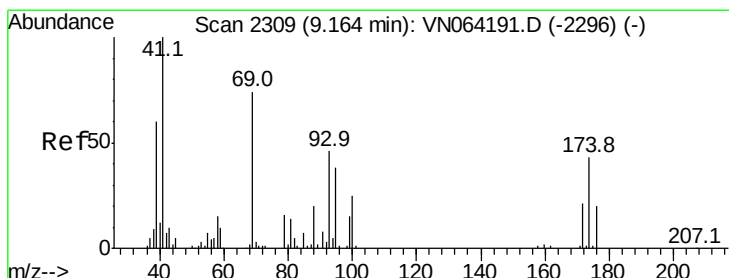
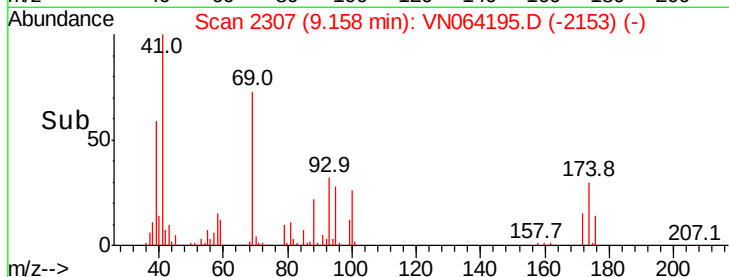
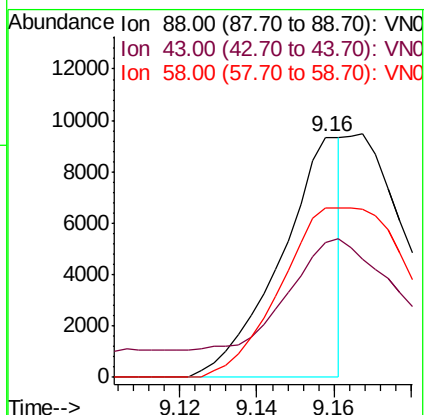
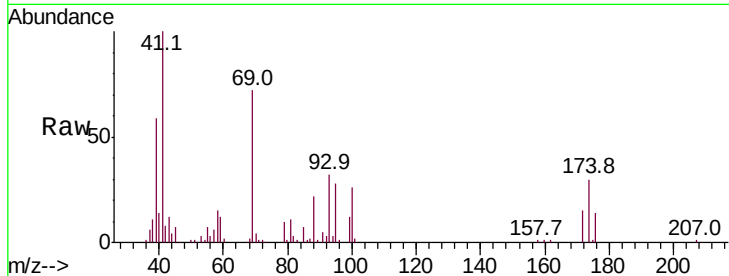
Tot Ion: 88 Resp: 10145

Ion Ratio Lower Upper

88 100

43 73.4 37.0 55.4#

58 0.0 62.4 93.6#



#46

Methyl methacrylate

Concen: 20.237 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

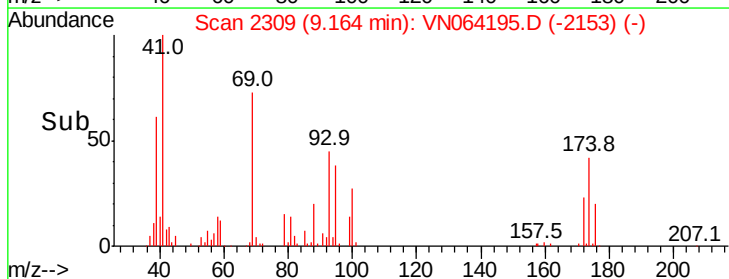
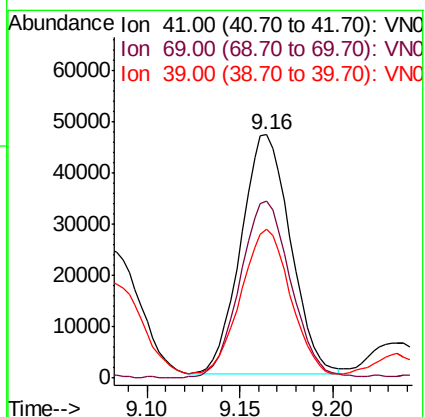
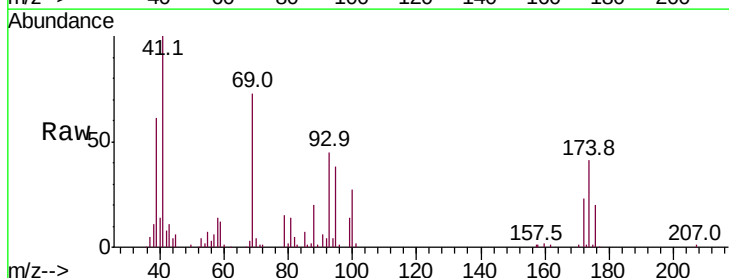
Tgt Ion: 41 Resp: 86455

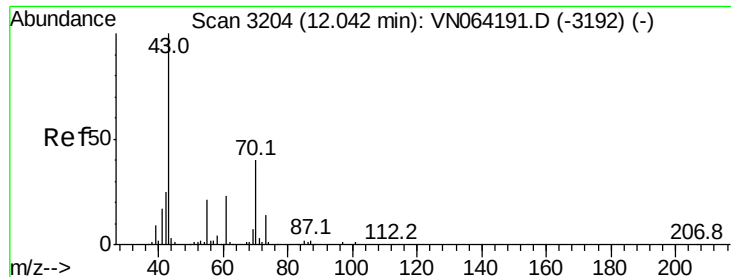
Ion Ratio Lower Upper

41 100

69 73.9 36.8 110.4

39 60.6 30.4 91.2





#47

n-amvl Acetate

Concen: 19.638 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

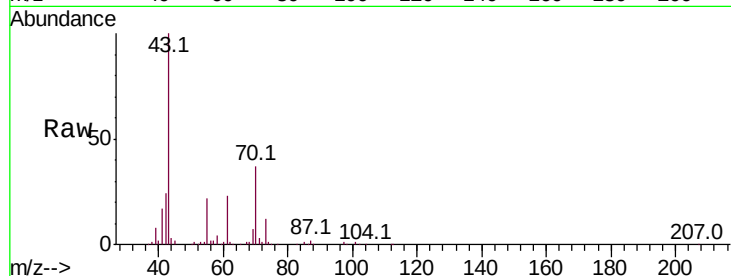
ClientSampleId :

Tot Ion: 43 Resp: 156852

Ion Ratio Lower Upper

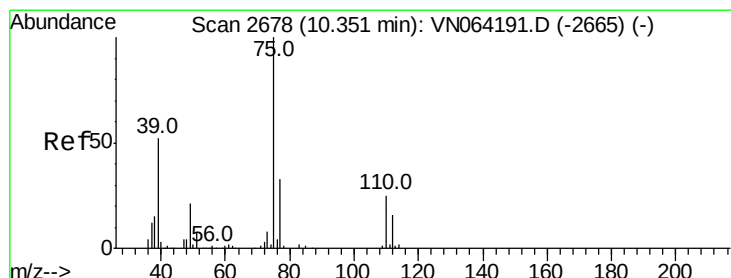
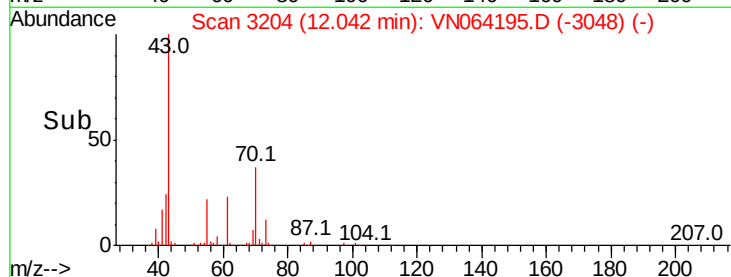
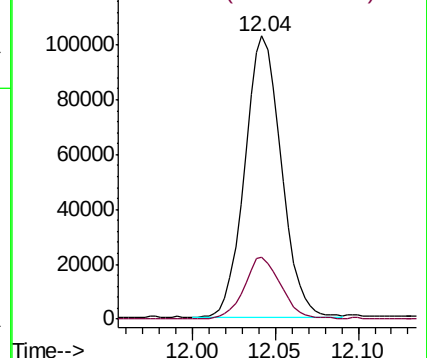
43 100

55 22.0 17.6 26.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 20.592 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064195.D

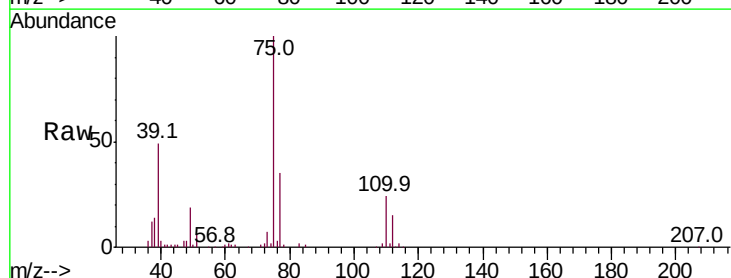
Acq: 20 Oct 2020 13:35

Tgt Ion: 75 Resp: 135324

Ion Ratio Lower Upper

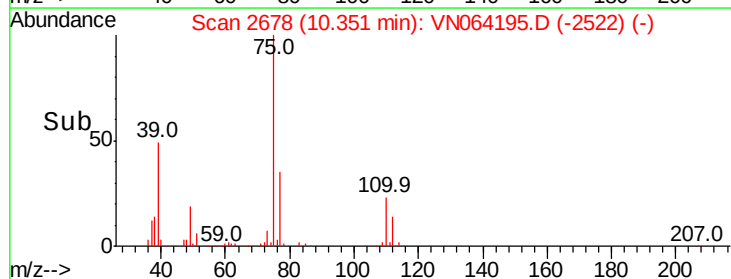
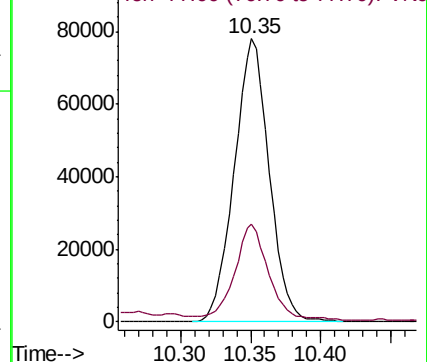
75 100

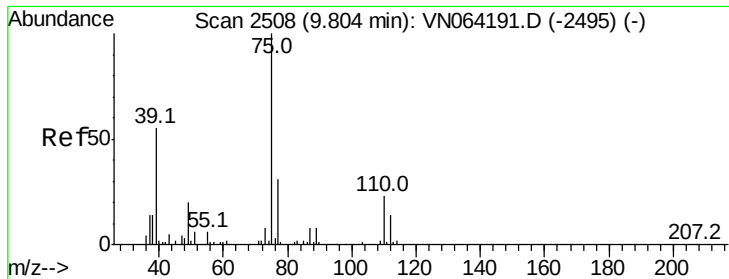
77 33.9 27.4 41.2



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



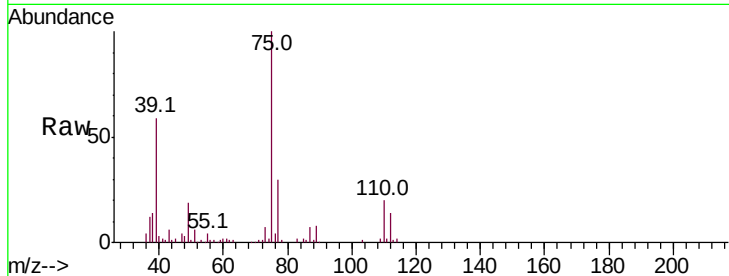


#49

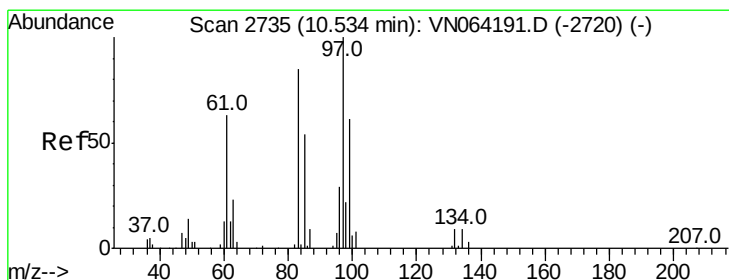
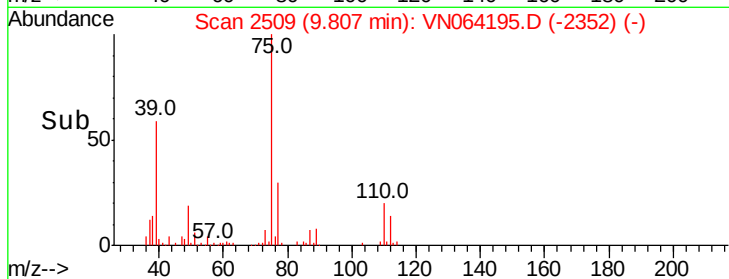
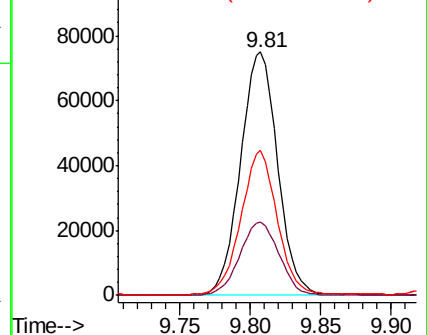
cis-1,3-Dichloropropene
 Concen: 20.385 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.5	36.7
39	58.9	43.8	65.8



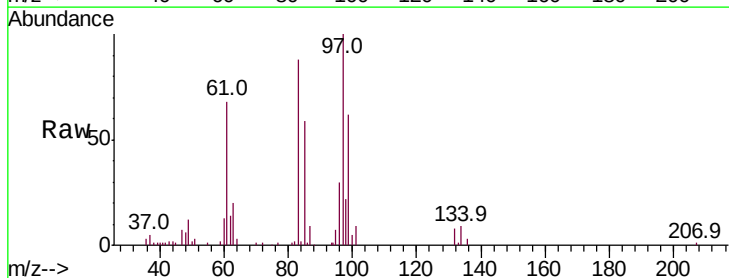
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



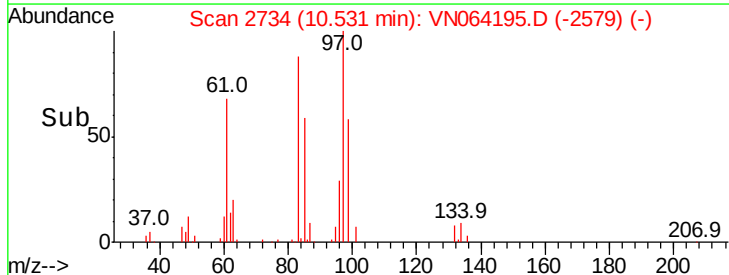
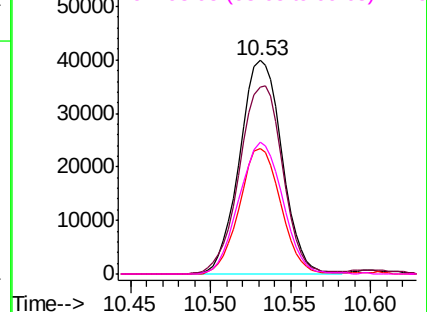
#50

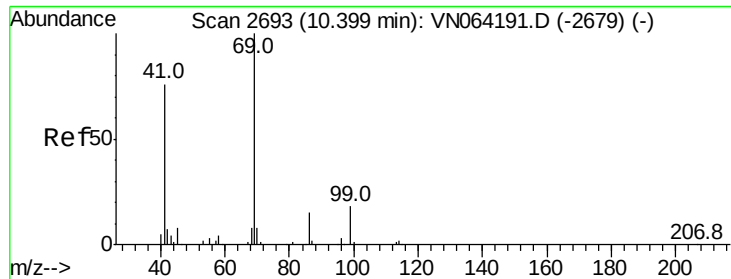
1,1,2-Trichloroethane
 Concen: 20.033 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.4	67.7	101.5
85	58.9	43.2	64.8
99	61.9	49.2	73.8



Abundance Ion 97.00 (96.70 to 97.70): VNO
 Ion 82.95 (82.65 to 83.65): VNO
 Ion 84.95 (84.65 to 85.65): VNO
 Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 20.098 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

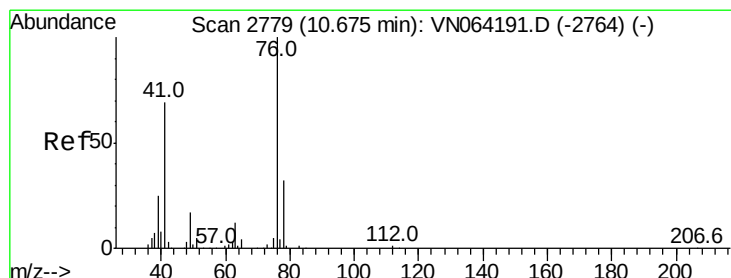
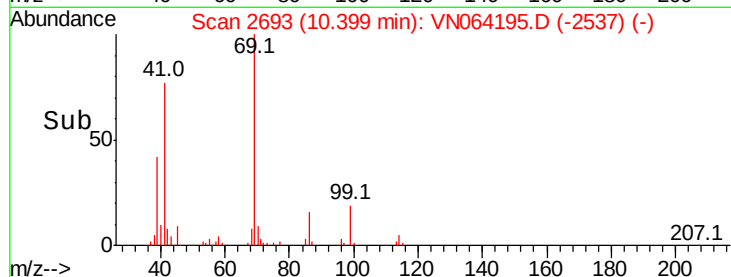
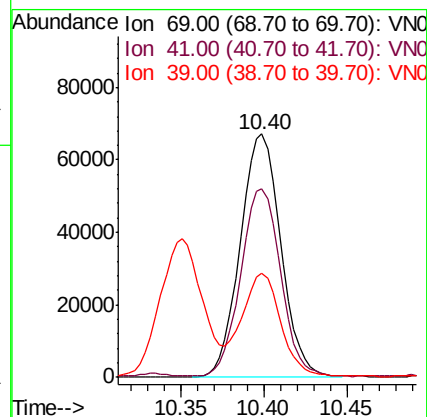
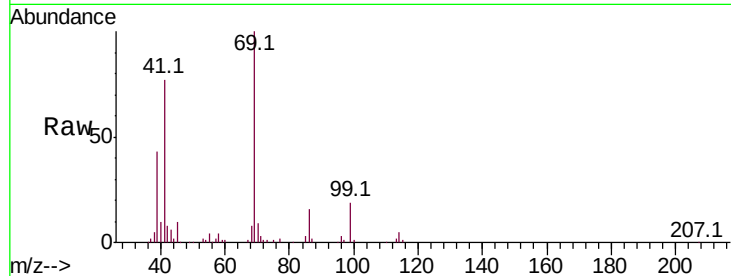
Tot Ion: 69 Resp: 114633

Ion Ratio Lower Upper

69 100

41 76.9 38.0 114.1

39 42.0 21.4 64.3



#52

1,3-Dichloropropane

Concen: 20.231 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064195.D

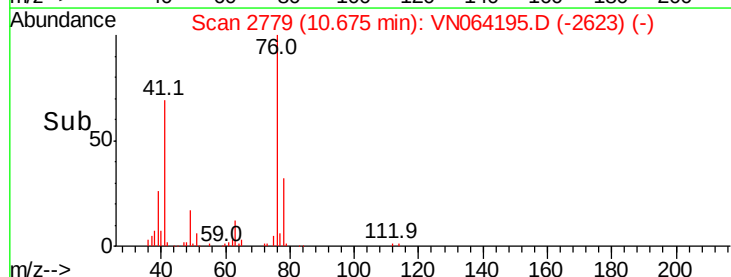
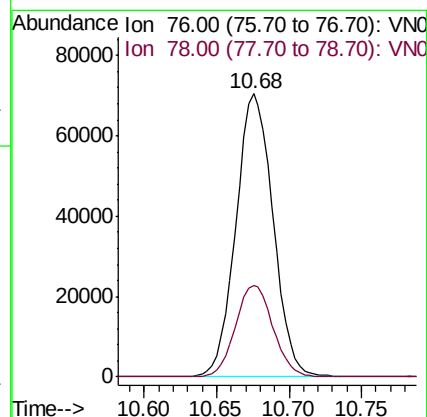
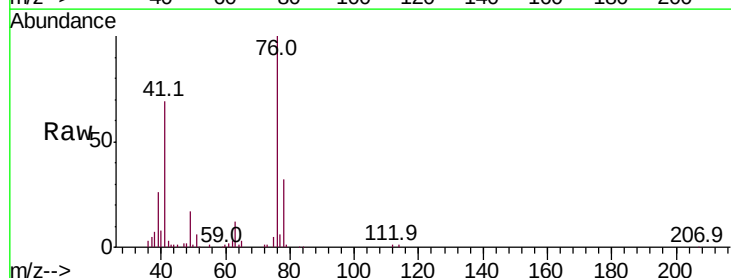
Acq: 20 Oct 2020 13:35

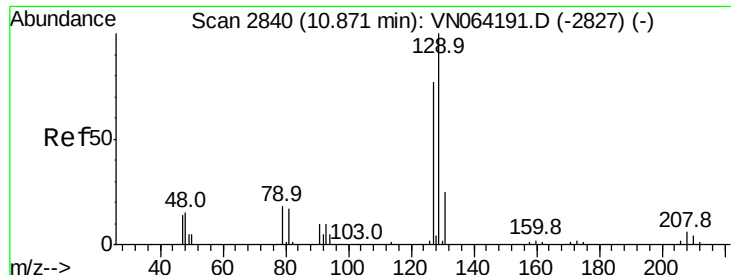
Tgt Ion: 76 Resp: 125808

Ion Ratio Lower Upper

76 100

78 32.6 0.0 64.4

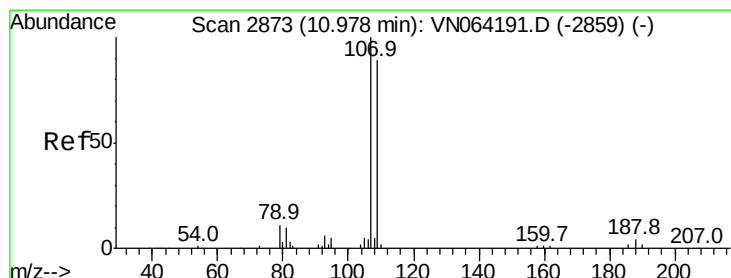
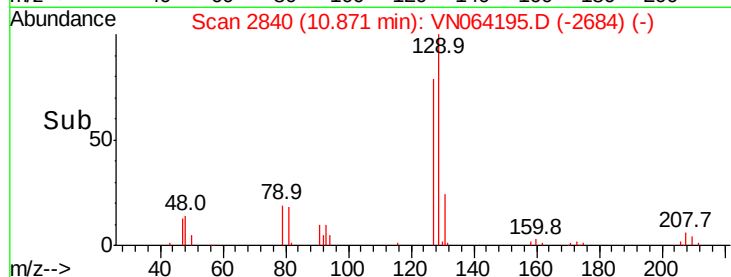
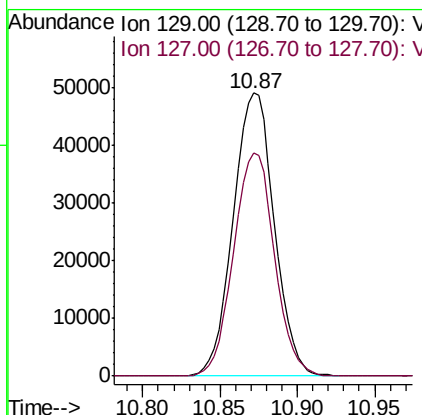
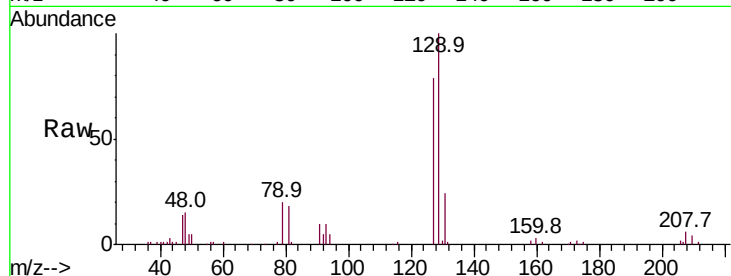




#53
Dibromochloromethane
Concen: 19.952 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

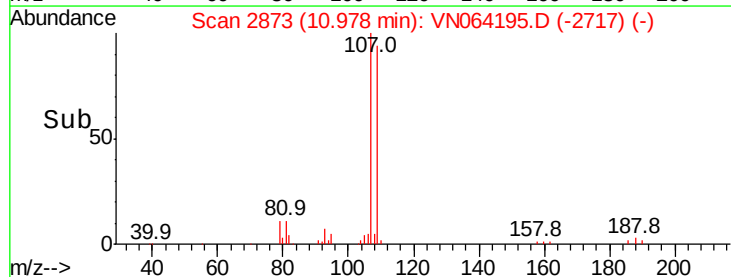
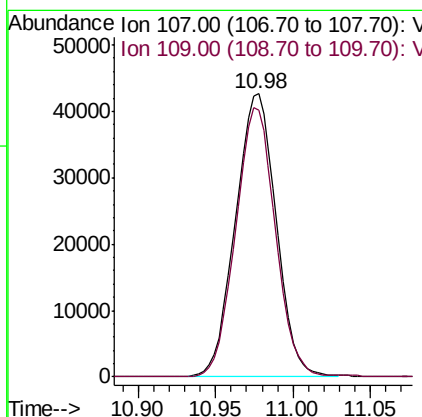
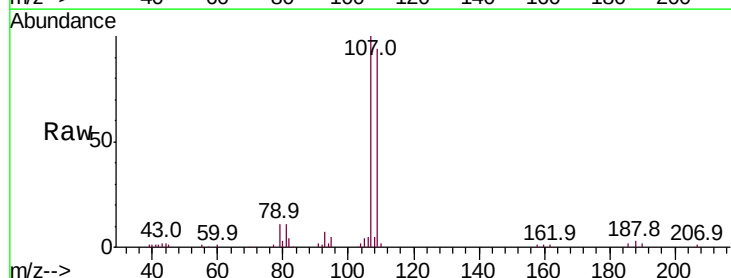
Instrument :
MSVOA_N
ClientSampled :

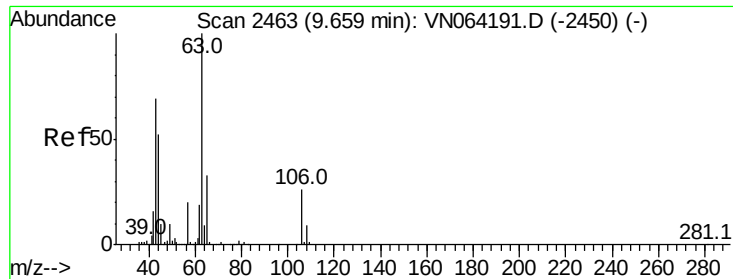
Tot Ion:129 Resp: 90580
Ion Ratio Lower Upper
129 100
127 78.6 39.0 117.0



#54
1,2-Dibromoethane
Concen: 20.370 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion:107 Resp: 78101
Ion Ratio Lower Upper
107 100
109 92.8 71.8 107.8





#55

2-Chloroethyl vinyl ether

Concen: 93.897 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

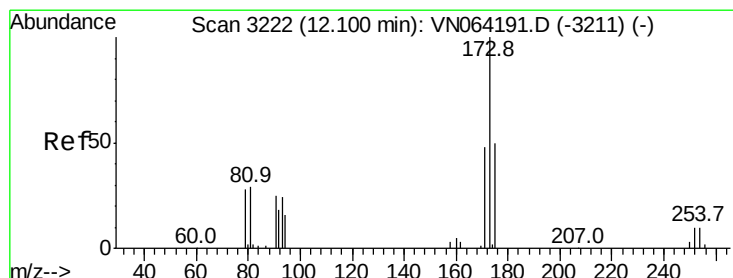
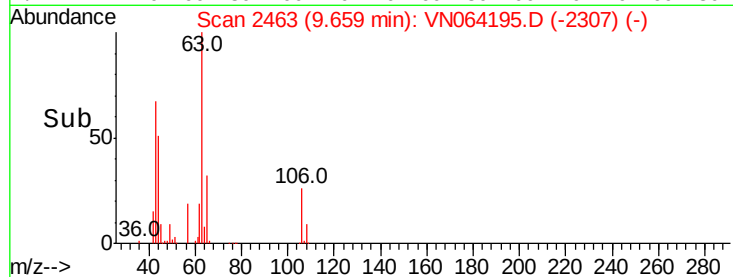
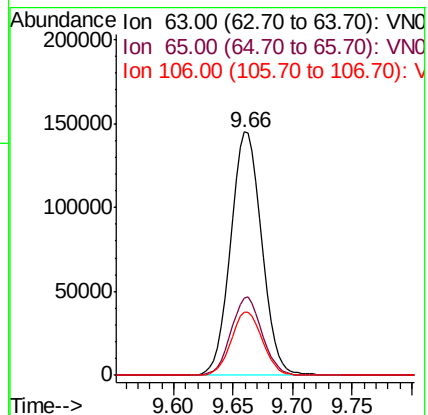
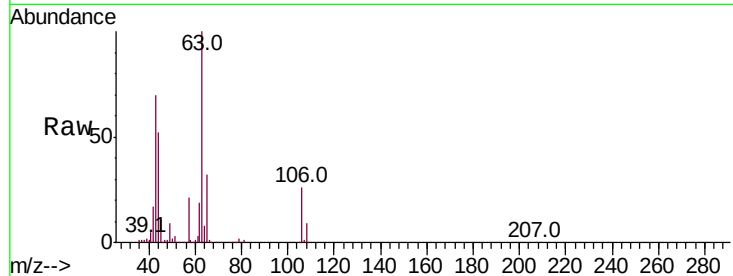
Tot Ion: 63 Resp: 263216

Ion Ratio Lower Upper

63 100

65 31.9 25.9 38.9

106 26.2 21.4 32.2



#56

Bromoform

Concen: 19.584 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

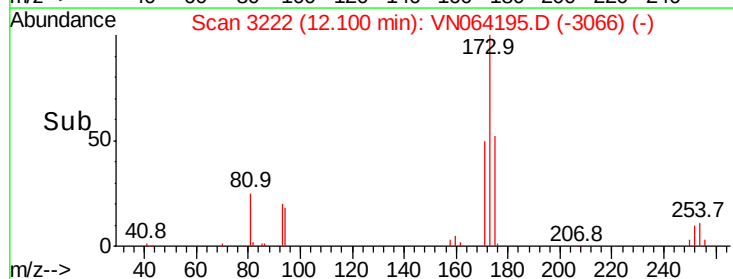
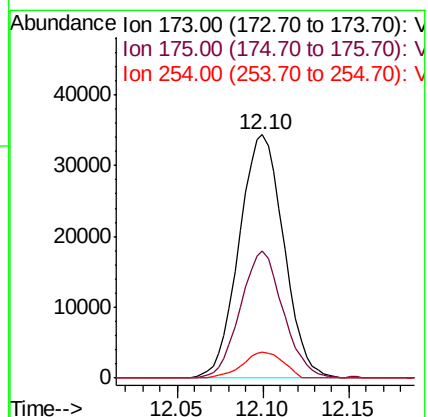
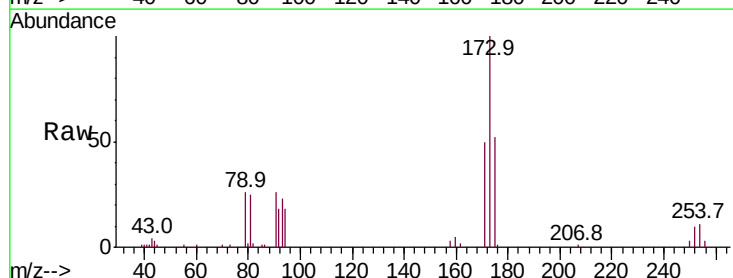
Tgt Ion: 173 Resp: 61917

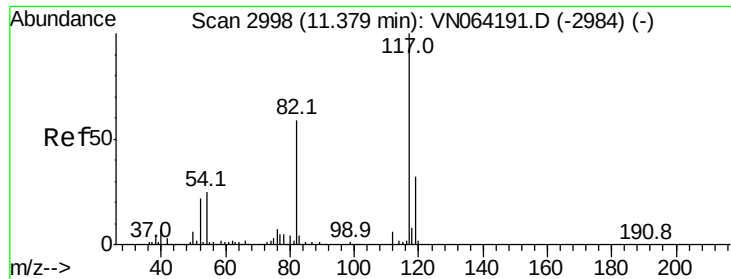
Ion Ratio Lower Upper

173 100

175 50.1 39.0 58.4

254 9.7 6.8 10.2

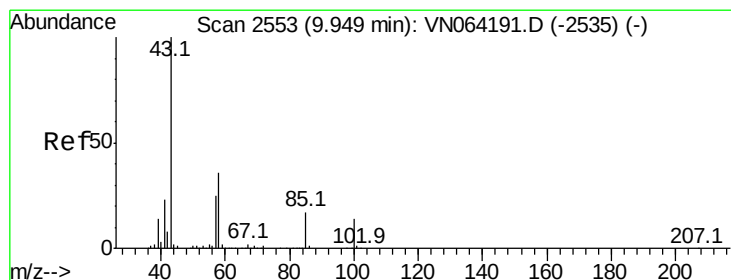
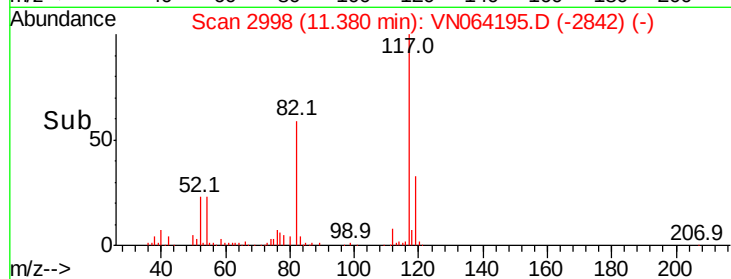
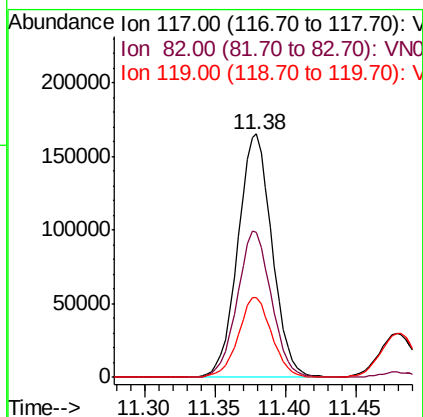
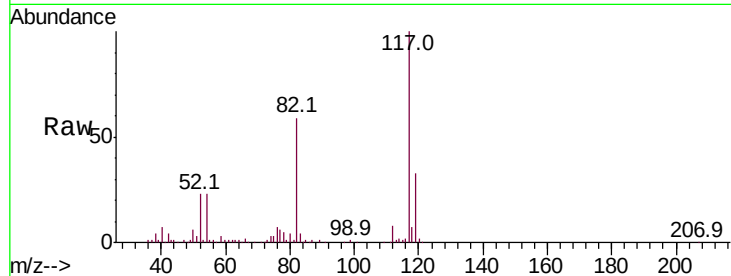




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

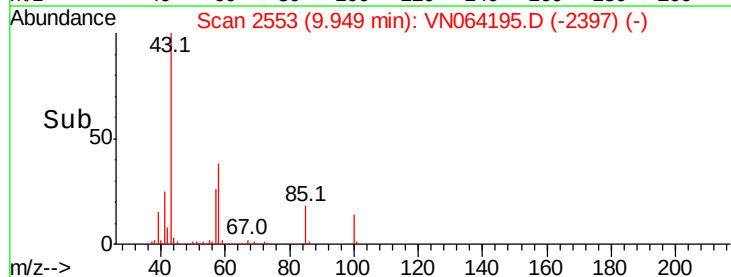
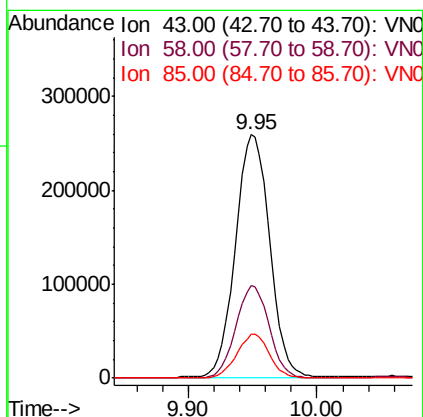
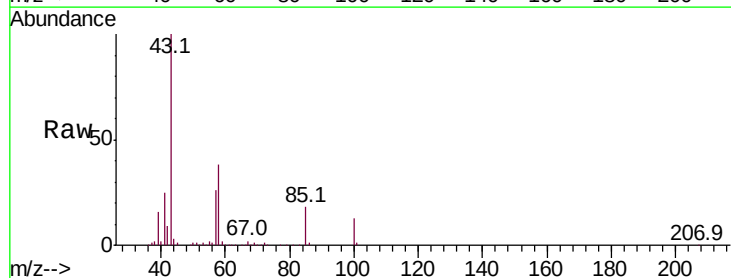
Instrument :
MSVOA_N
ClientSampleId :

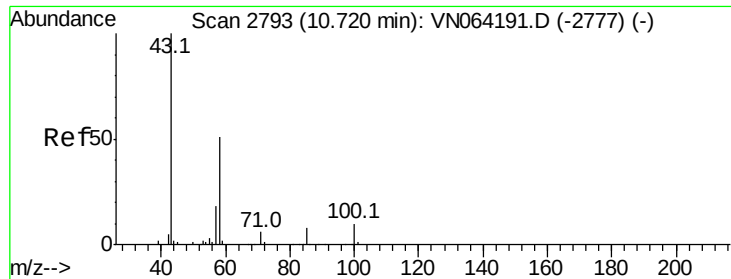
Tot Ion	Ratio	Lower	Upper
117	100		
82	59.8	47.8	71.8
119	32.1	25.7	38.5



#58
4-Methyl-2-Pentanone
Concen: 100.052 ug/l
RT: 9.95 min Scan# 2553
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.5	44.3
85	17.4	13.7	20.5

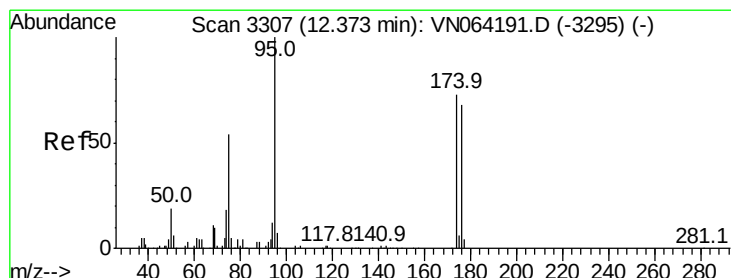
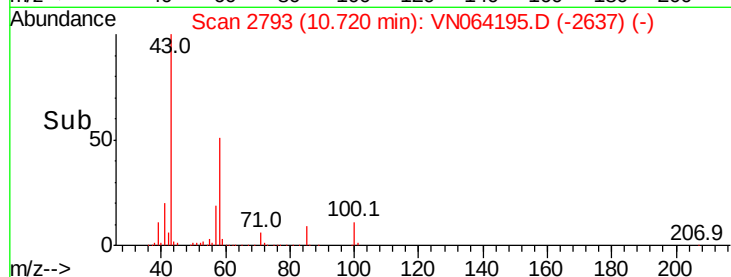
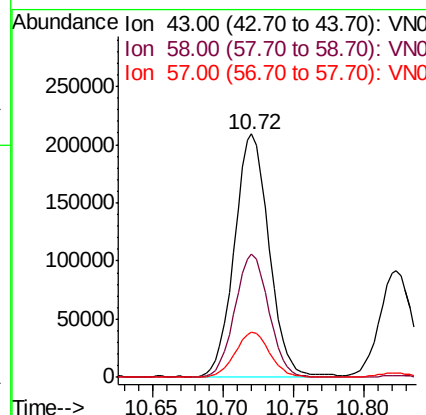
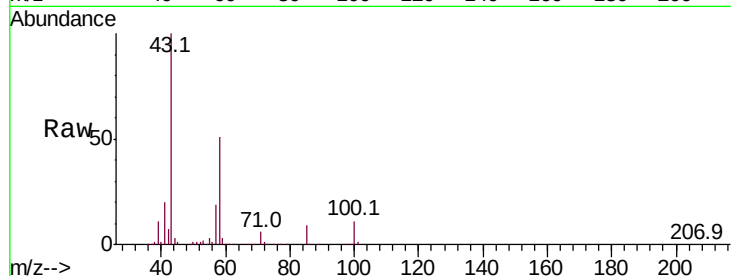




#59
2-Hexanone
Concen: 100.967 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

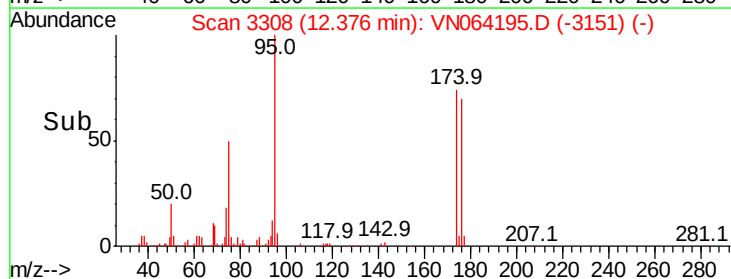
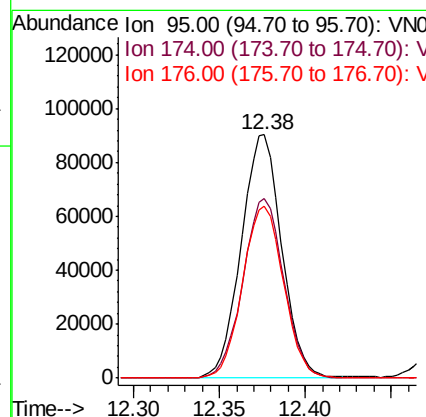
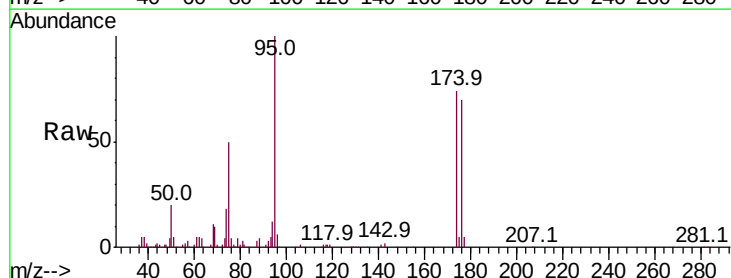
Instrument :
MSVOA_N
ClientSampled :

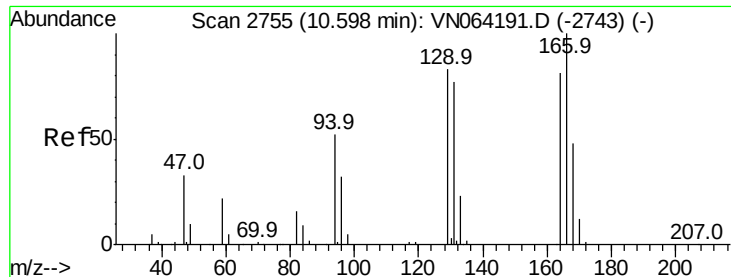
Tot Ion: 43 Resp: 357068
Ion Ratio Lower Upper
43 100
58 50.0 40.2 60.4
57 18.8 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.268 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 95 Resp: 147444
Ion Ratio Lower Upper
95 100
174 74.4 57.6 86.4
176 71.4 54.9 82.3

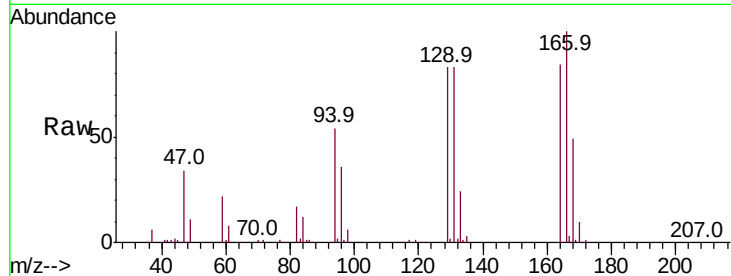




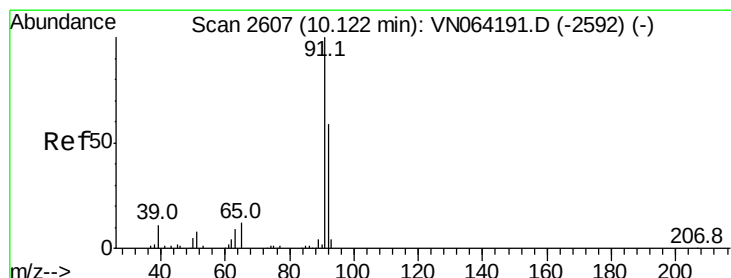
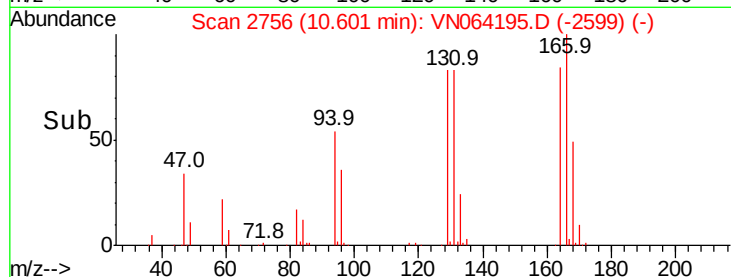
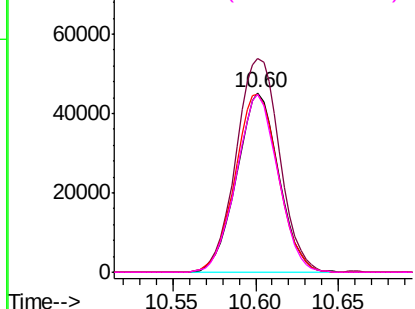
#61
Tetrachloroethene
Concen: 21.006 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:164 Resp: 79603
Ion Ratio Lower Upper
164 100
166 118.8 99.2 148.8
129 99.0 82.8 124.2
131 99.2 76.2 114.4

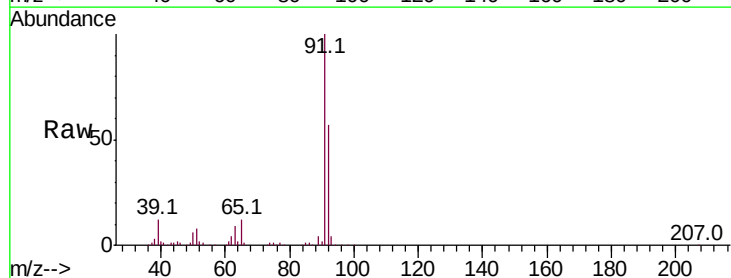


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

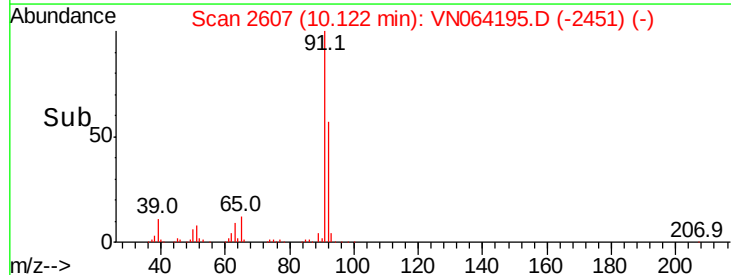
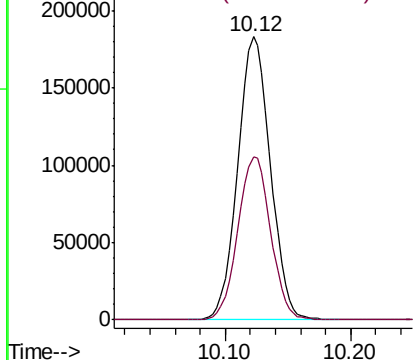


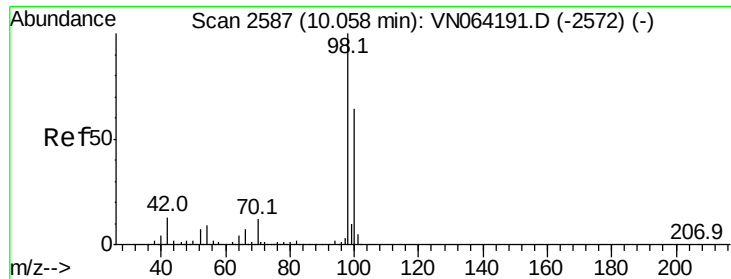
#62
Toluene
Concen: 20.526 ug/l
RT: 10.12 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion: 91 Resp: 329870
Ion Ratio Lower Upper
91 100
92 57.9 46.8 70.2



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 29.197 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

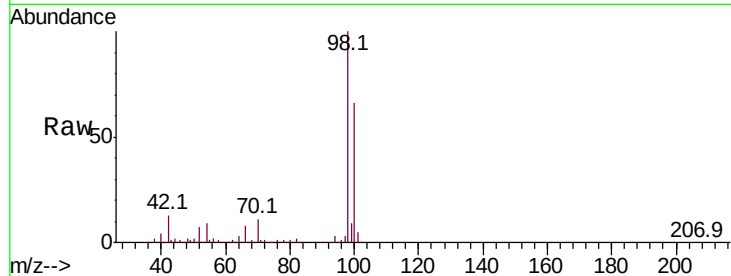
ClientSampleId :

Tot Ion: 98 Resp: 371584

Ion Ratio Lower Upper

98 100

100 66.1 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN064195.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064195.D (-2572) (-)

10.06

200000

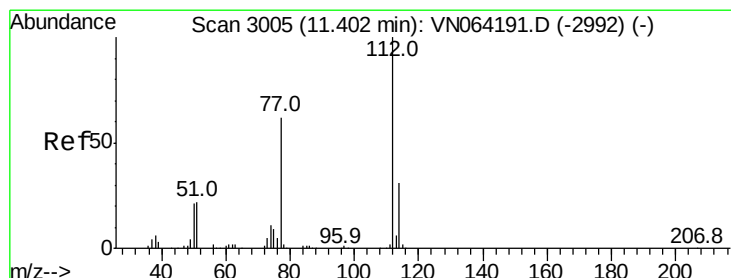
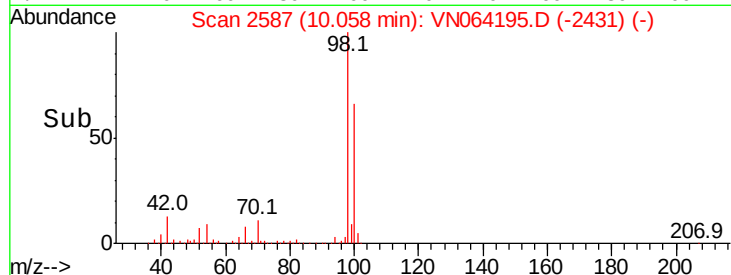
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 20.981 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064195.D

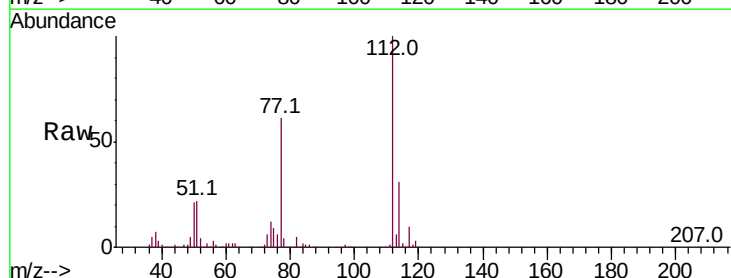
Acq: 20 Oct 2020 13:35

Tgt Ion: 112 Resp: 209980

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): VN064195.D (-2849) (-)

Ion 114.00 (113.70 to 114.70): VN064195.D (-2849) (-)

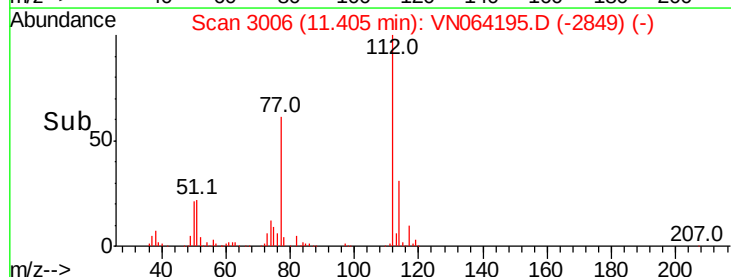
11.41

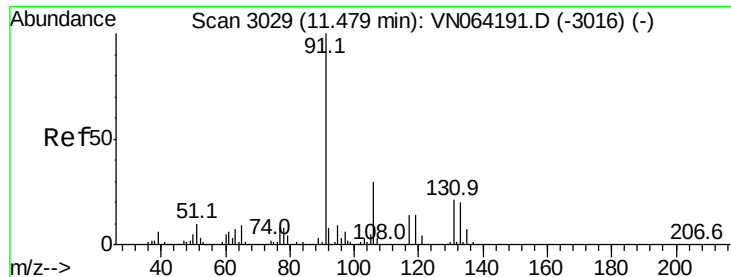
100000

50000

0

Time-->





#65

1,1,1,2-Tetrachloroethane

Concen: 20.972 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

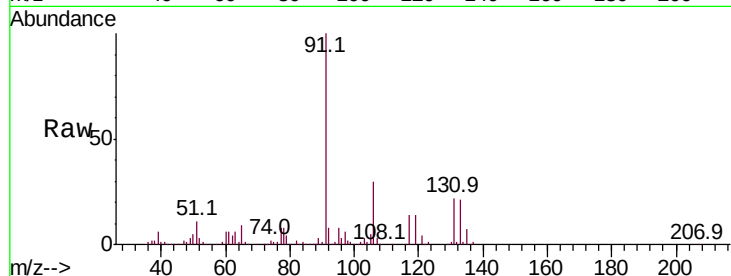
Tot Ion:131 Resp: 82236

Ion Ratio Lower Upper

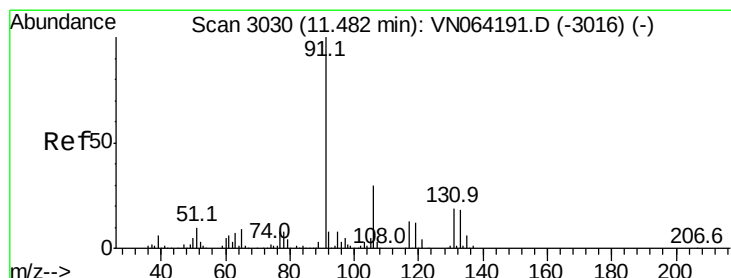
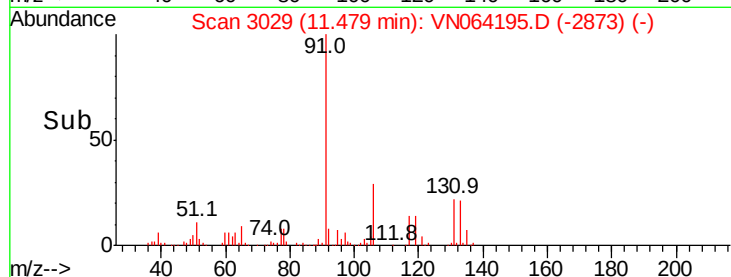
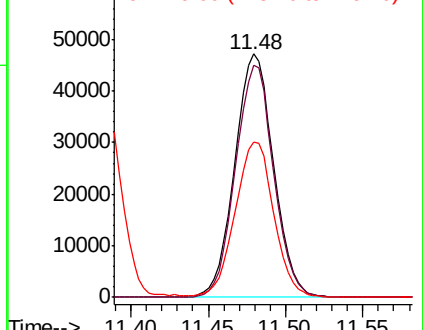
131 100

133 93.7 0.0 193.0

119 64.0 0.0 132.2



Abundance Ion 131.00 (130.70 to 131.70): V
Ion 133.00 (132.70 to 133.70): V
Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 20.590 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064195.D

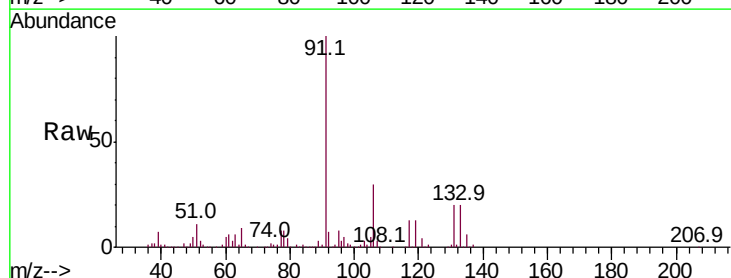
Acq: 20 Oct 2020 13:35

Tgt Ion: 91 Resp: 380432

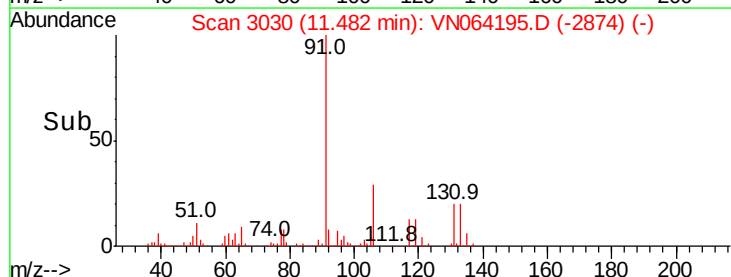
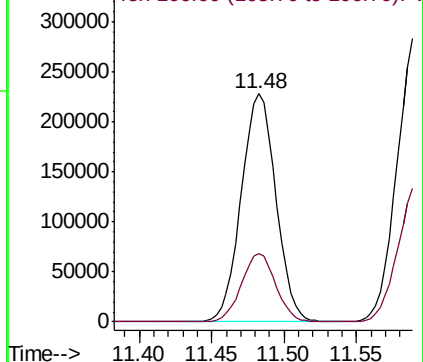
Ion Ratio Lower Upper

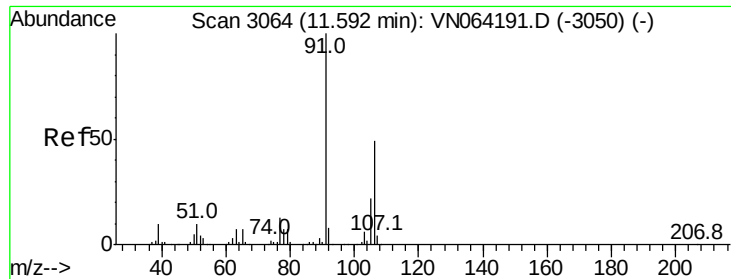
91 100

106 30.2 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.00 (105.70 to 106.70): V

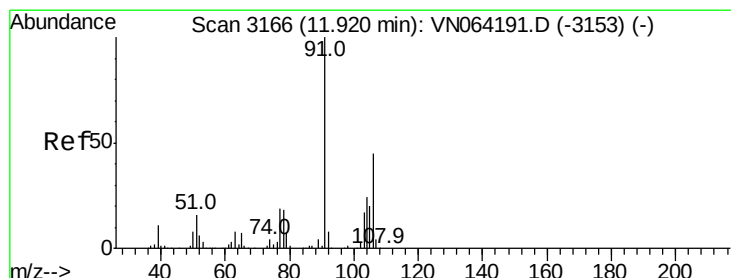
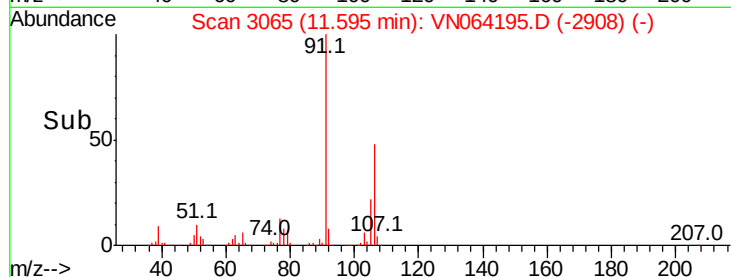
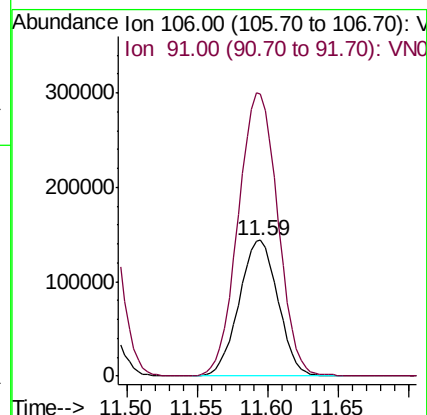
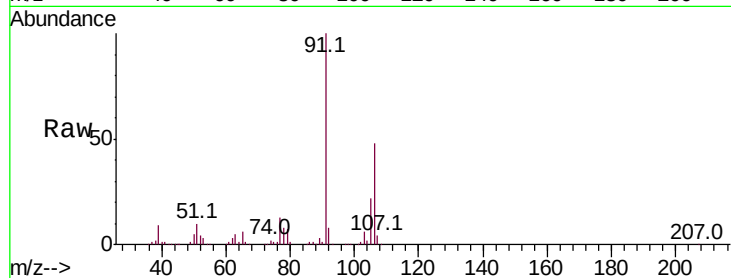




#67
m/p-Xylenes
Concen: 40.584 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

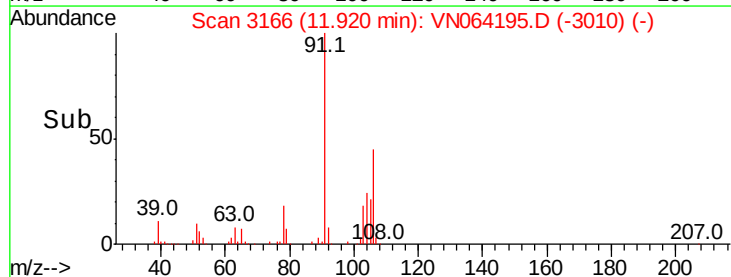
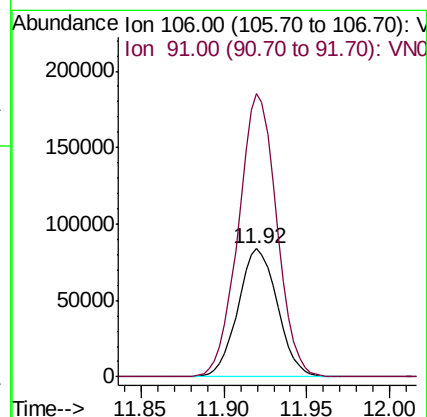
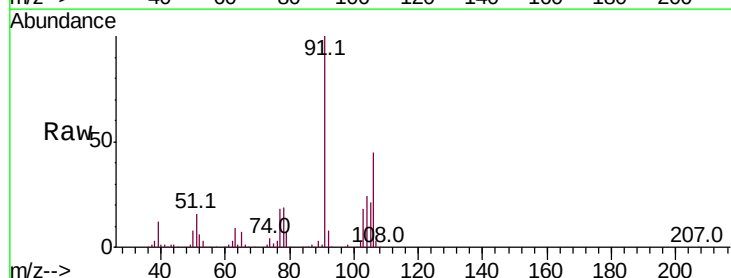
Instrument :
MSVOA_N
ClientSampleId :

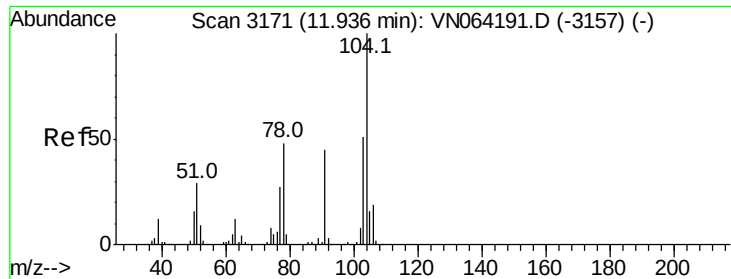
Tot Ion:106 Resp: 278876
Ion Ratio Lower Upper
106 100
91 211.2 167.9 251.9



#68
o-Xylene
Concen: 20.806 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion:106 Resp: 138739
Ion Ratio Lower Upper
106 100
91 214.6 113.9 341.7

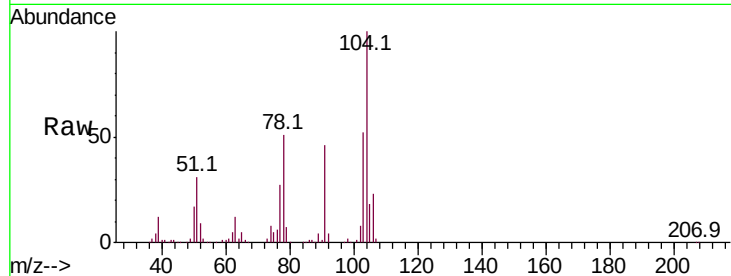




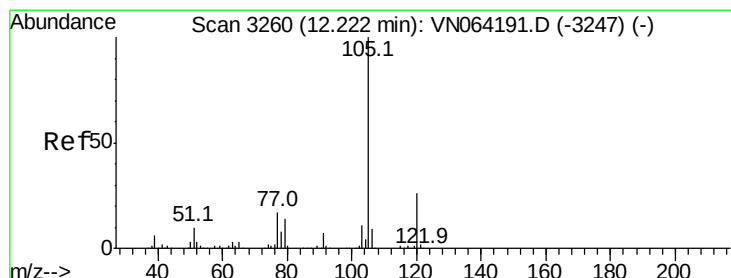
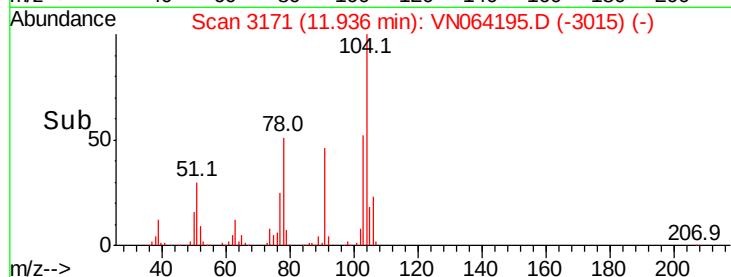
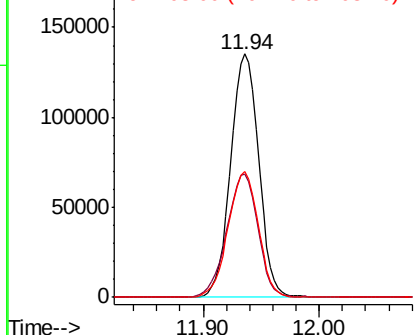
#69
Stvrene
Concen: 20.113 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:104 Resp: 226902
Ion Ratio Lower Upper
104 100
78 56.4 43.6 65.4
103 55.5 44.8 67.2

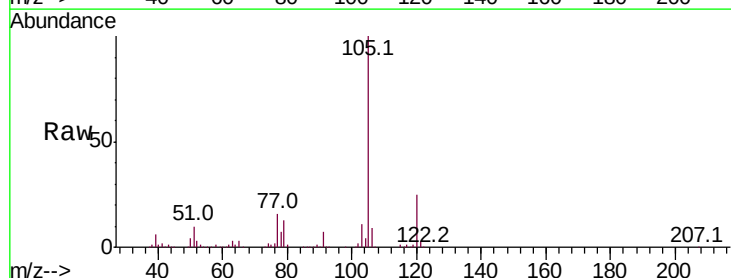


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

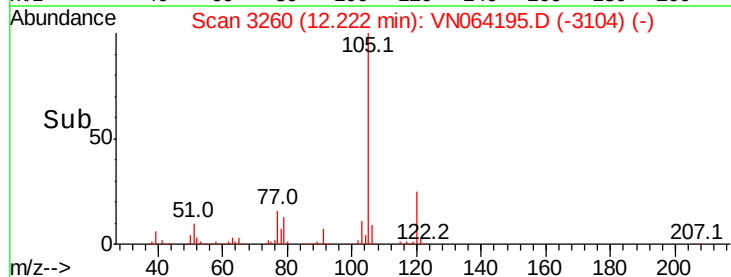
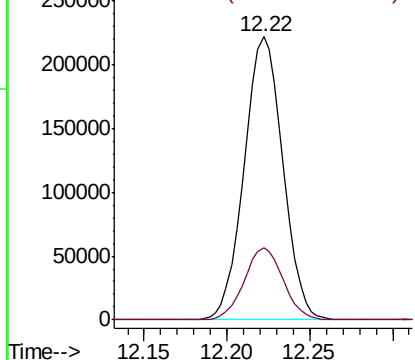


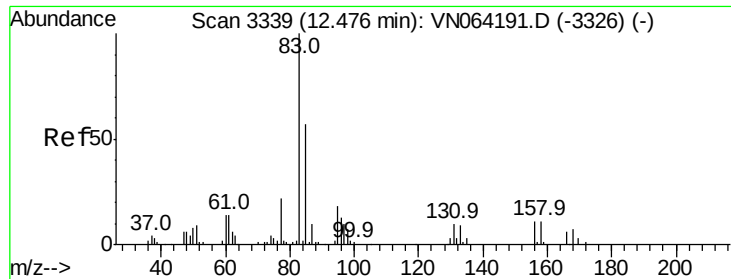
#70
Isopropylbenzene
Concen: 20.483 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion:105 Resp: 360726
Ion Ratio Lower Upper
105 100
120 25.7 18.1 33.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 19.850 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

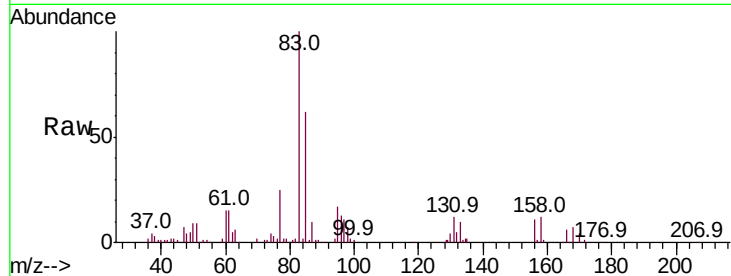
Tot Ion: 83 Resp: 95794

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

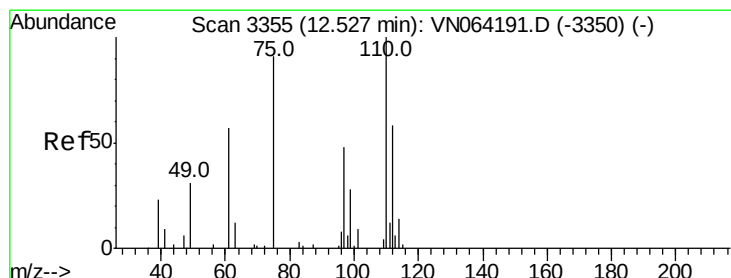
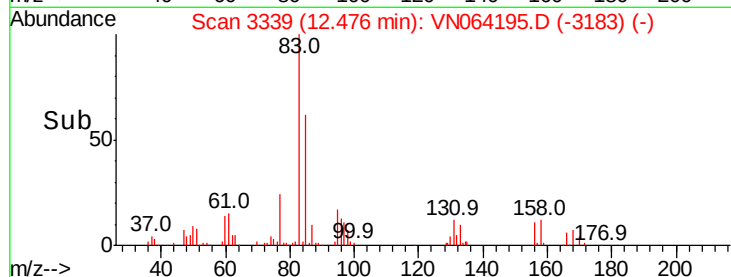
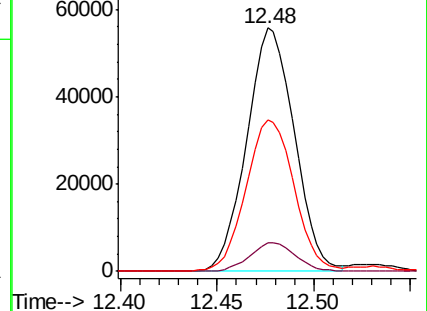
85 62.5 30.8 92.4



Abundance Ion 83.00 (82.70 to 83.70): VN064195.D (-3326) (-)

Ion 131.00 (130.70 to 131.70): VN064195.D (-3326) (-)

Ion 85.00 (84.70 to 85.70): VN064195.D (-3326) (-)



#72

1,2,3-Trichloropropane

Concen: 28.399 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064195.D

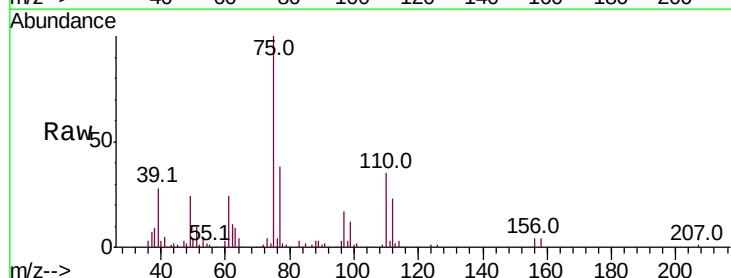
Acq: 20 Oct 2020 13:35

Tgt Ion: 75 Resp: 143020

Ion Ratio Lower Upper

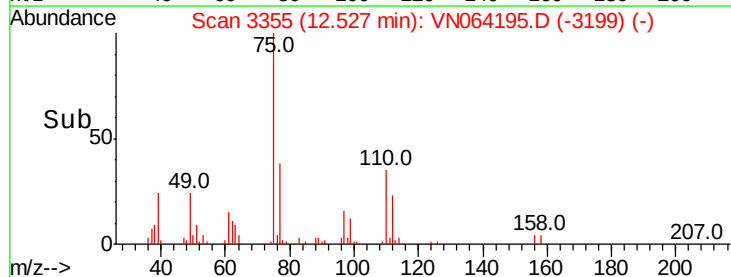
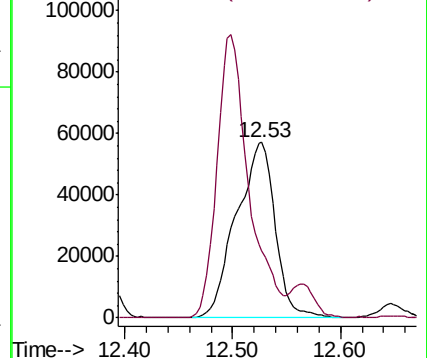
75 100

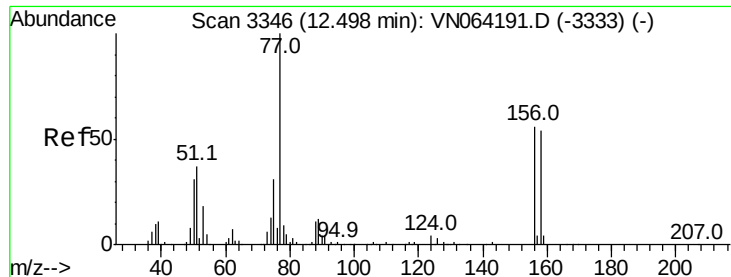
77 131.6 0.0 417.6



Abundance Ion 75.00 (74.70 to 75.70): VN064195.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064195.D (-3350) (-)





#73

Bromobenzene

Concen: 20.110 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

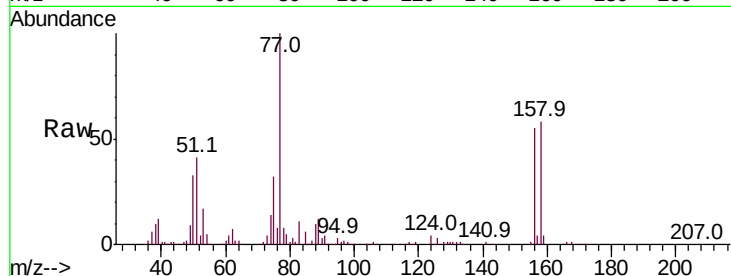
Tot Ion:156 Resp: 85400

Ion Ratio Lower Upper

156 100

77 220.4 0.0 429.8

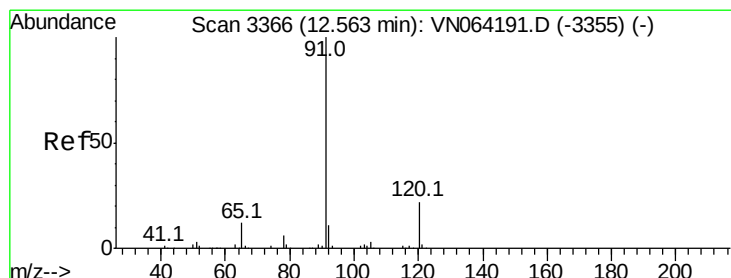
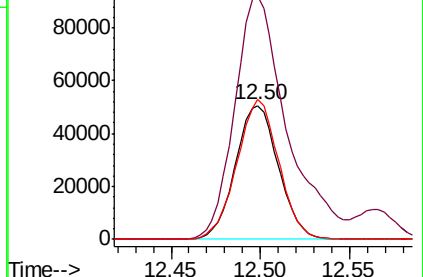
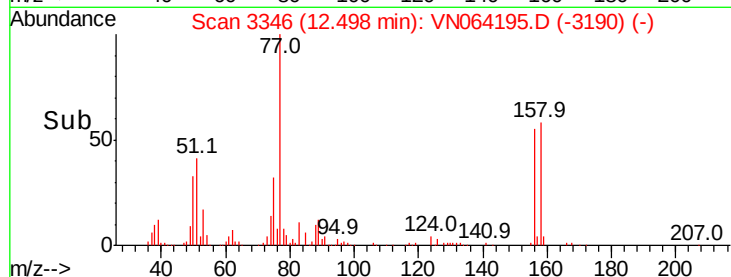
158 102.1 0.0 190.6



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.544 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064195.D

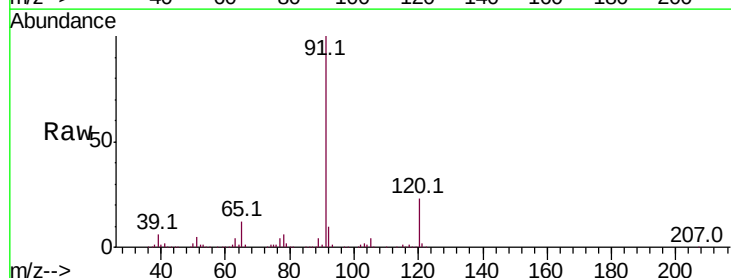
Acq: 20 Oct 2020 13:35

Tgt Ion: 91 Resp: 412924

Ion Ratio Lower Upper

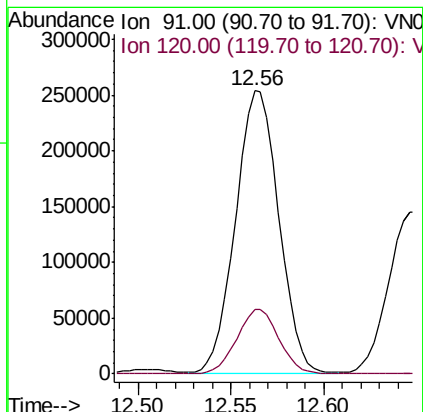
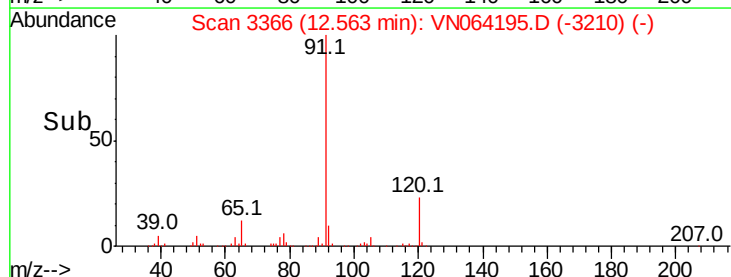
91 100

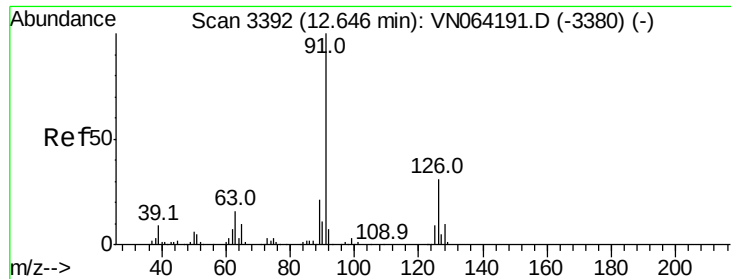
120 22.1 0.0 43.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 20.063 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

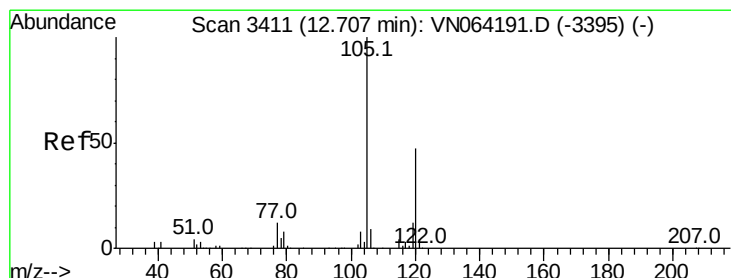
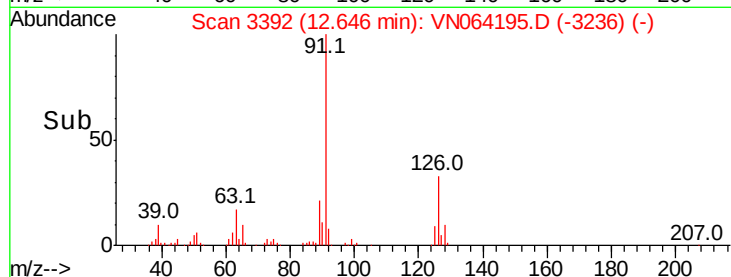
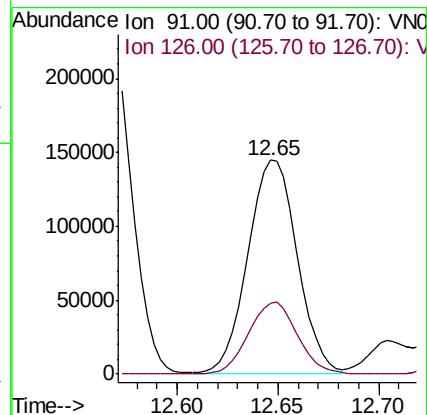
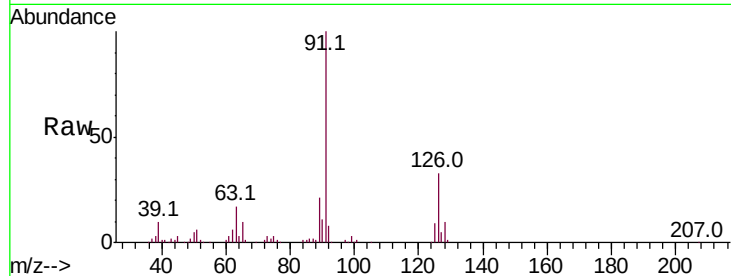
ClientSampleId :

Tot Ion: 91 Resp: 249630

Ion Ratio Lower Upper

91 100

126 33.2 0.0 62.4



#76

1,3,5-Trimethylbenzene

Concen: 20.365 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064195.D

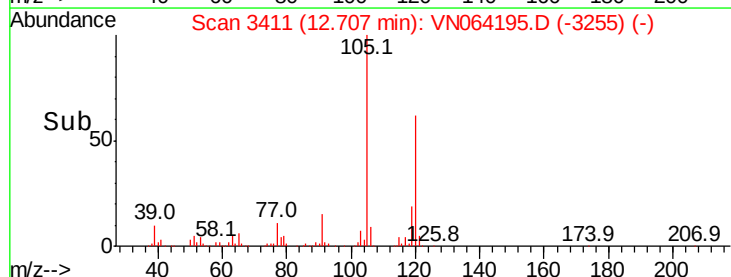
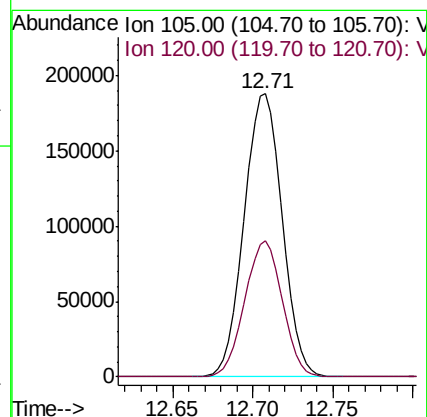
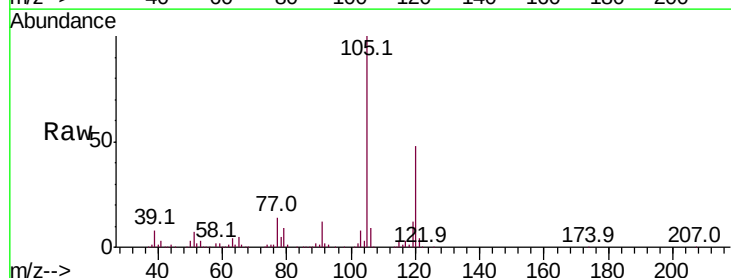
Acq: 20 Oct 2020 13:35

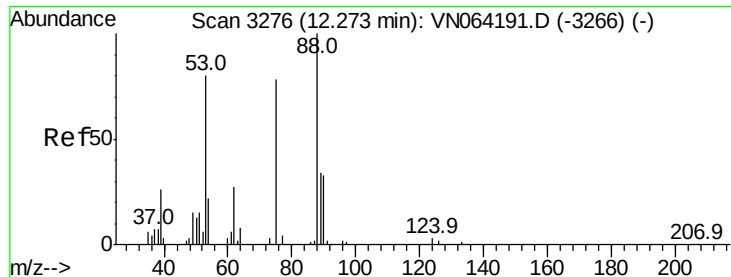
Tgt Ion: 105 Resp: 305174

Ion Ratio Lower Upper

105 100

120 47.4 0.0 95.0





#77

t-1,4-Dichloro-2-butene

Concen: 19.323 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampled :

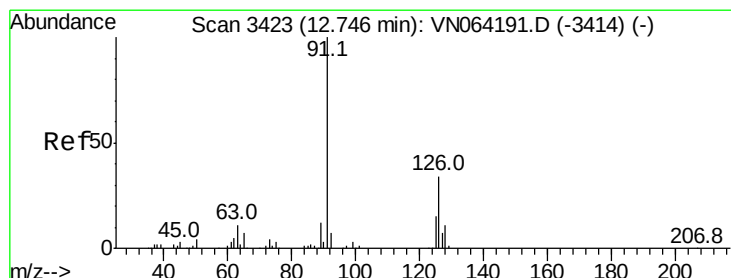
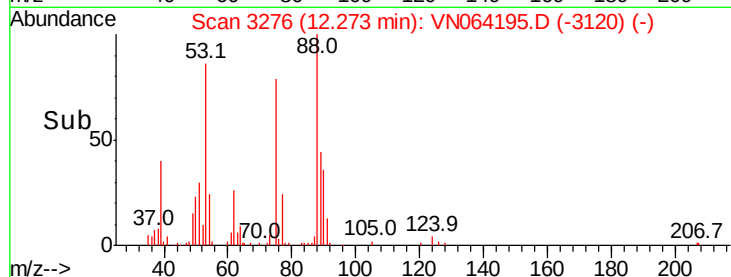
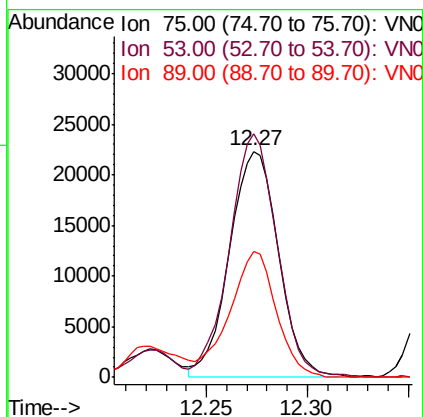
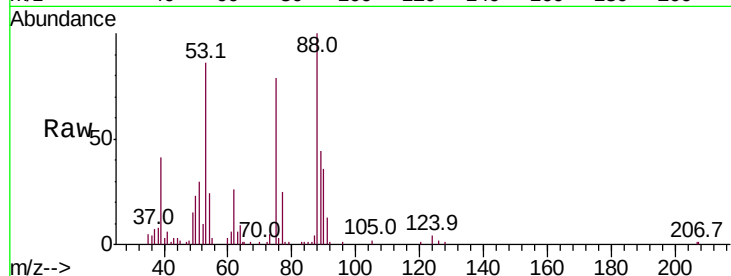
Tot Ion: 75 Resp: 38046

Ion Ratio Lower Upper

75 100

53 107.7 51.4 154.2

89 56.3 23.8 71.5



#78

4-Chlorotoluene

Concen: 20.333 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064195.D

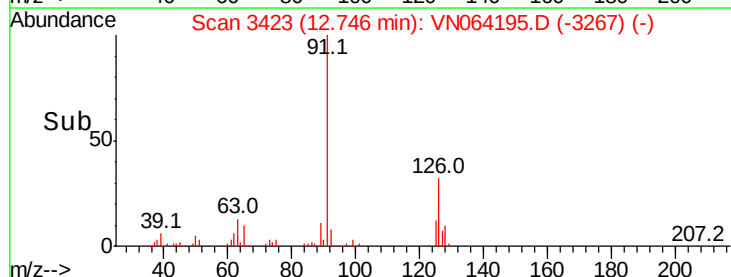
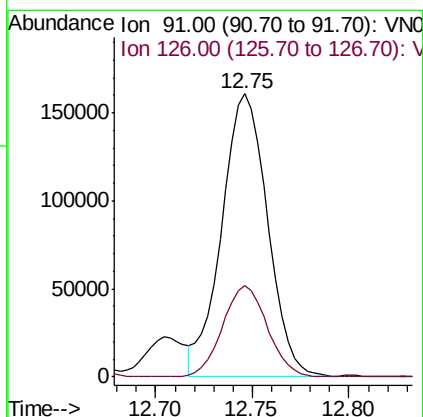
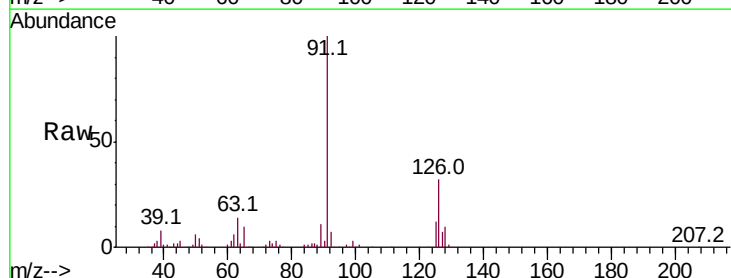
Acq: 20 Oct 2020 13:35

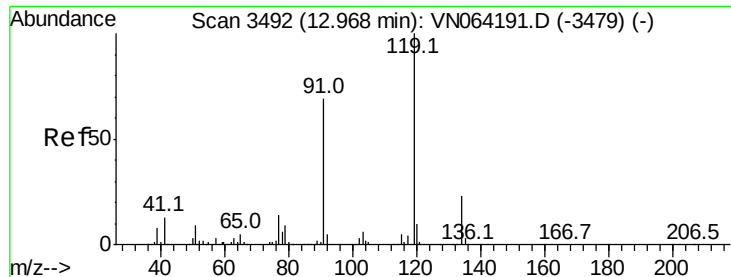
Tgt Ion: 91 Resp: 264636

Ion Ratio Lower Upper

91 100

126 31.2 0.0 63.2

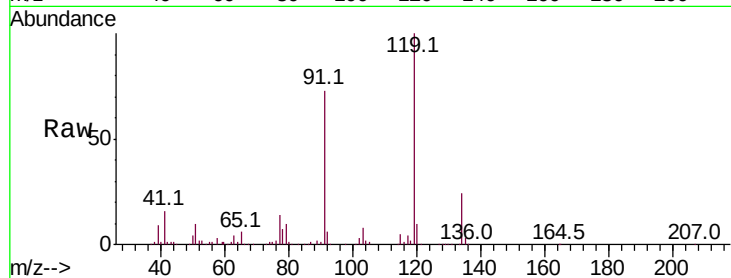




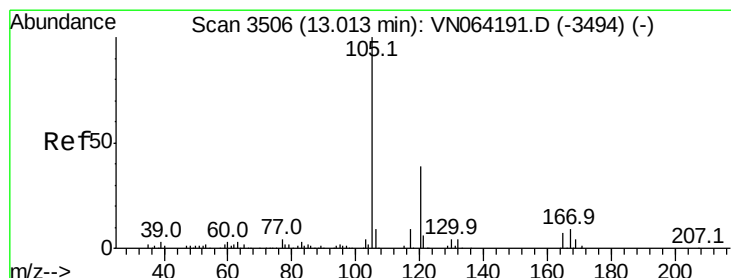
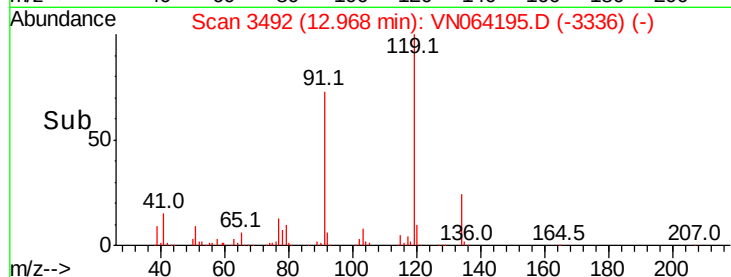
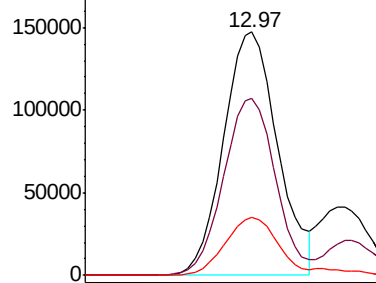
#79
tert-butylbenzene
Concen: 20.480 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 250902
Ion Ratio Lower Upper
119 100
91 69.4 0.0 143.2
134 22.9 0.0 49.2

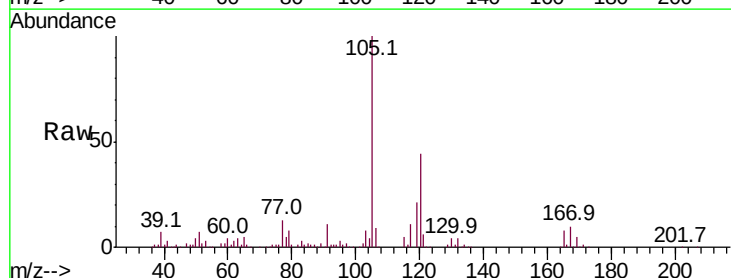


Abundance Ion 119.00 (118.70 to 119.70): V
200000
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

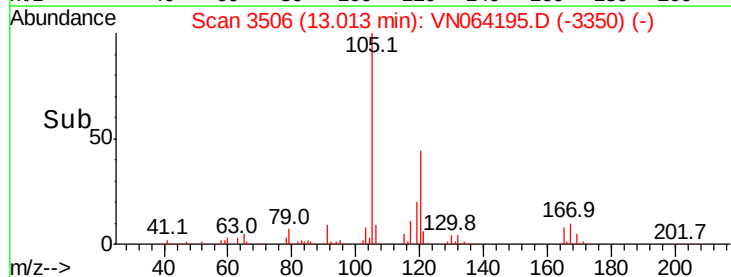
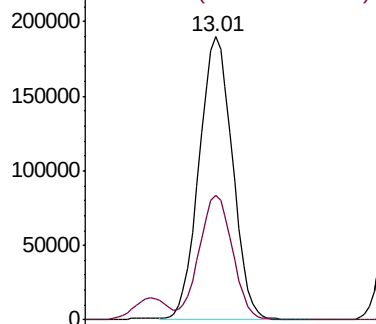


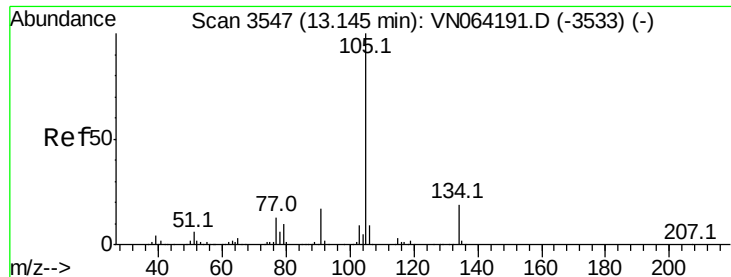
#80
1,2,4-Trimethylbenzene
Concen: 19.933 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064195.D
Acq: 20 Oct 2020 13:35

Tgt Ion:105 Resp: 303225
Ion Ratio Lower Upper
105 100
120 44.0 0.0 85.8



Abundance Ion 105.00 (104.70 to 105.70): V
200000
Ion 120.00 (119.70 to 120.70): V

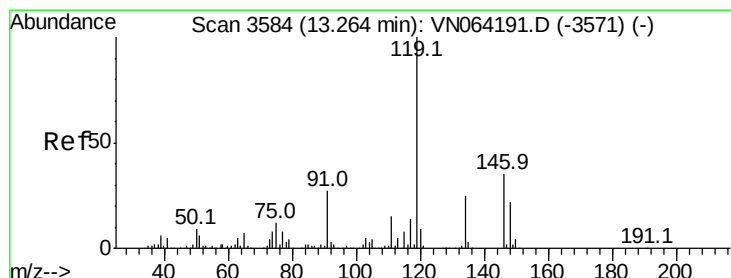
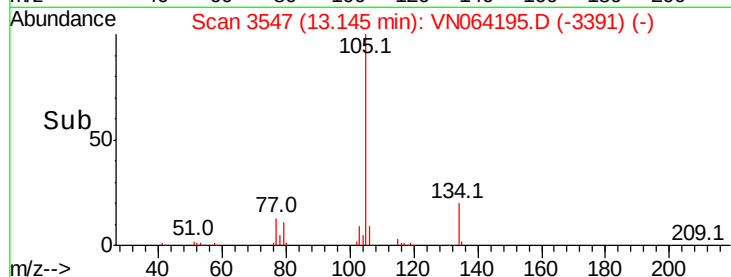
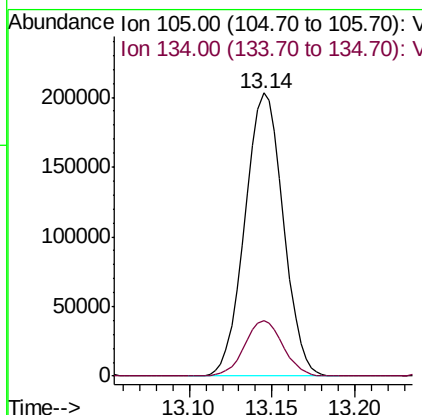
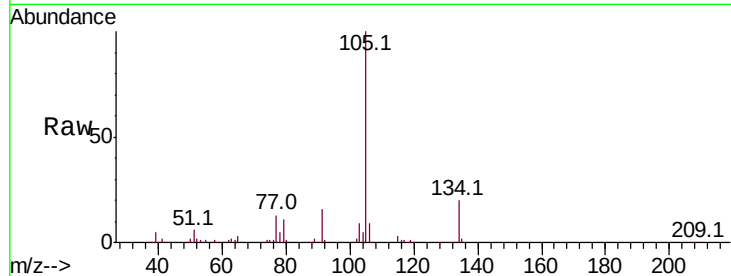




#81
 sec-Butylbenzene
 Concen: 20.540 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

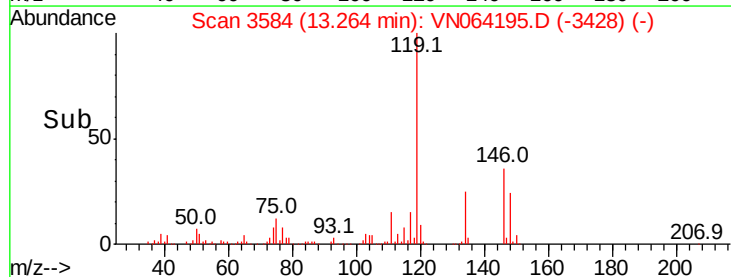
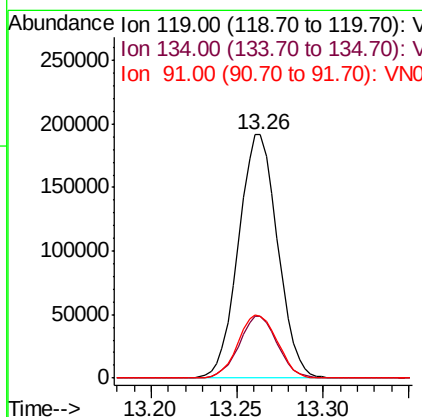
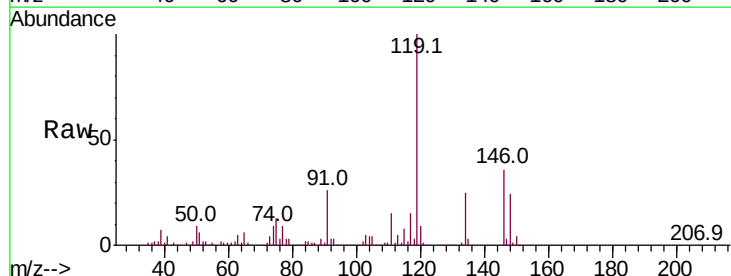
Instrument :
 MSVOA_N
 ClientSampled :

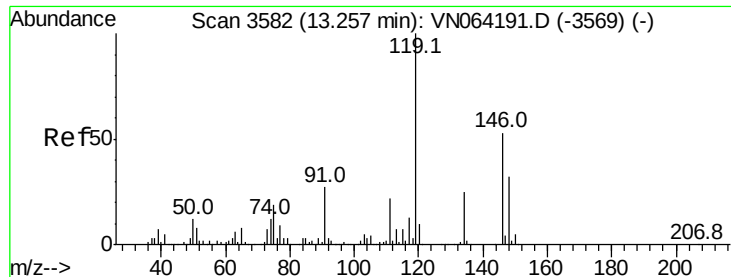
Tot Ion:105 Resp: 327416
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 20.504 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion:119 Resp: 302505
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 51.4
 91 26.2 0.0 52.8

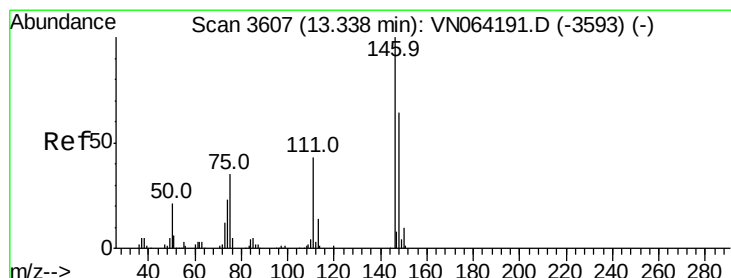
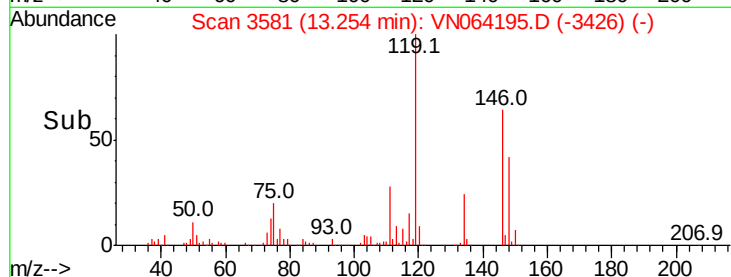
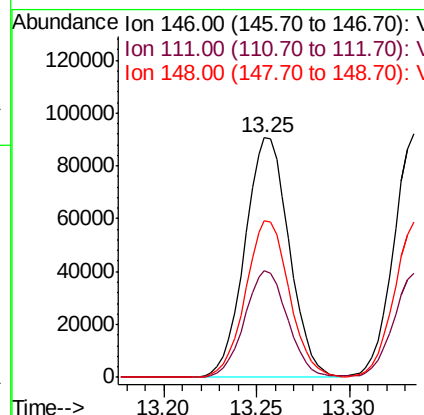
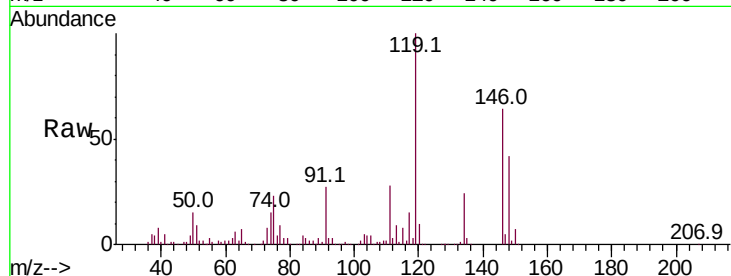




#83
 1,3-Dichlorobenzene
 Concen: 19.837 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

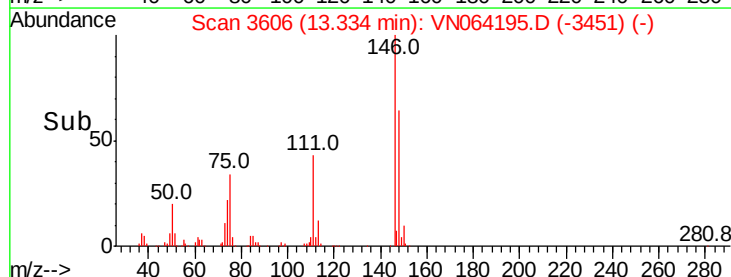
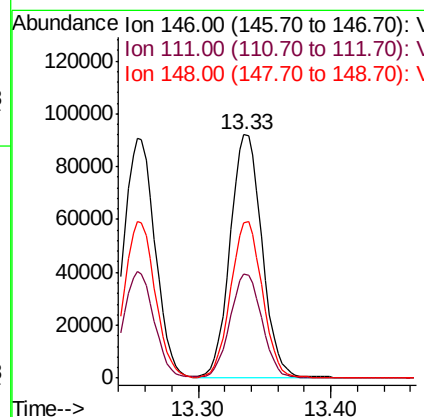
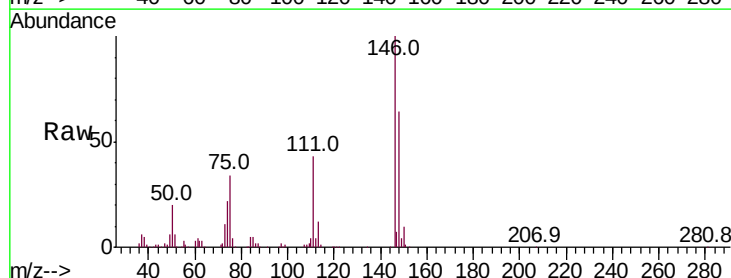
Instrument :
 MSVOA_N
 ClientSampleId :

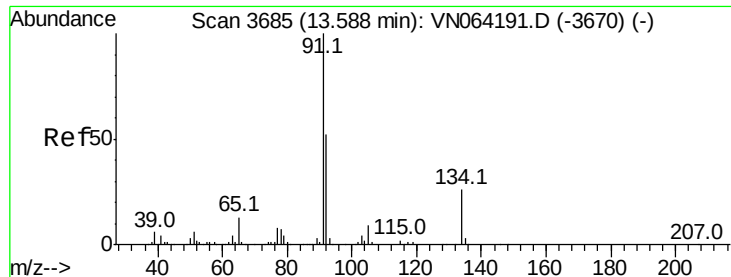
Tot Ion:146 Resp: 151001
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.8 65.4
 148 64.4 31.4 94.2



#84
 1,4-Dichlorobenzene
 Concen: 20.177 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion:146 Resp: 153775
 Ion Ratio Lower Upper
 146 100
 111 42.9 20.9 62.8
 148 64.4 30.9 92.7





#85

n-Butylbenzene

Concen: 20.817 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

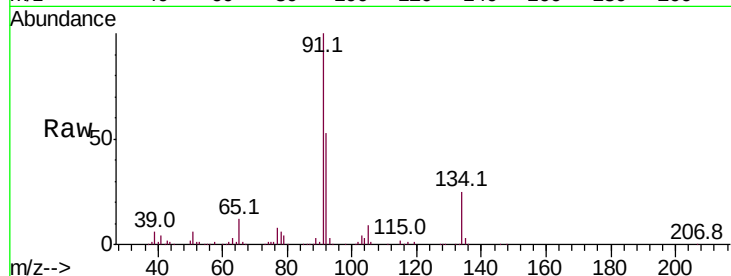
Tot Ion: 91 Resp: 272633

Ion Ratio Lower Upper

91 100

92 51.5 0.0 104.8

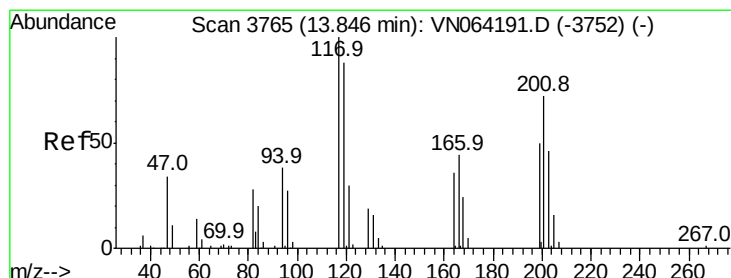
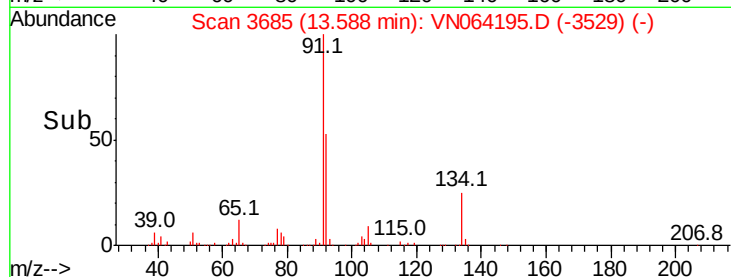
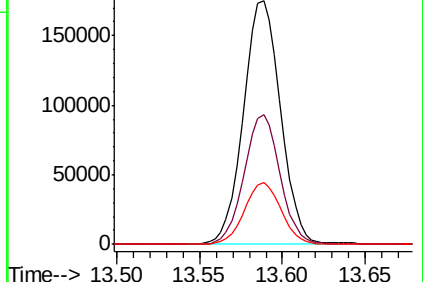
134 25.0 0.0 49.8



Abundance Ion 91.00 (90.70 to 91.70): VN064195.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064195.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064195.D (-3670) (-)



#86

Hexachloroethane

Concen: 20.424 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064195.D

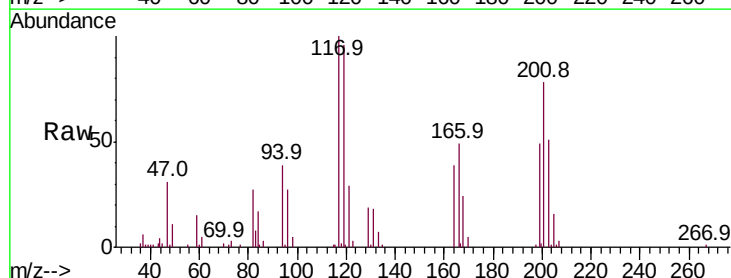
Acq: 20 Oct 2020 13:35

Tgt Ion: 117 Resp: 51875

Ion Ratio Lower Upper

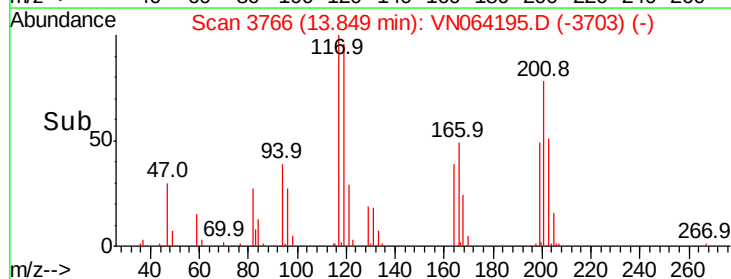
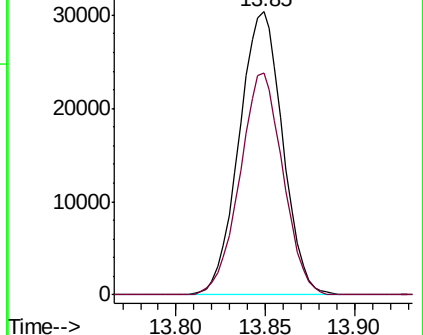
117 100

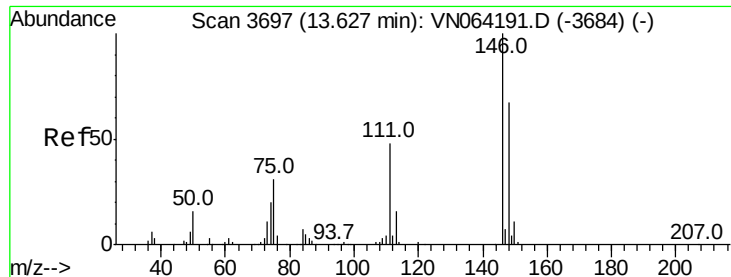
201 77.3 37.5 112.3



Abundance Ion 117.00 (116.70 to 117.70): VN064195.D (-3752) (-)

Ion 201.00 (200.70 to 201.70): VN064195.D (-3752) (-)

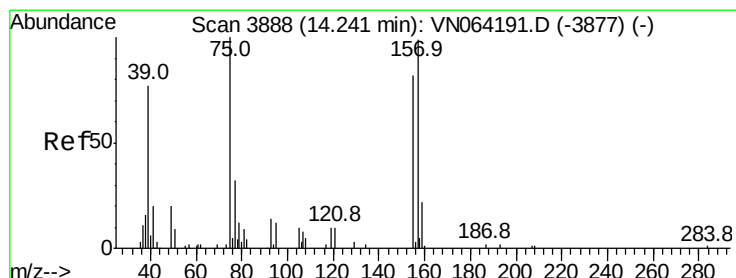
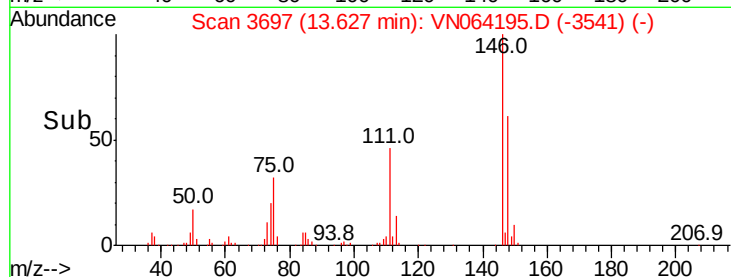
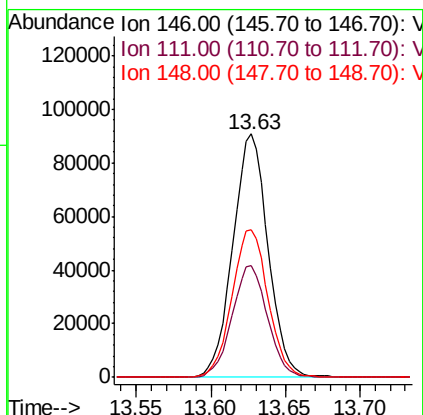
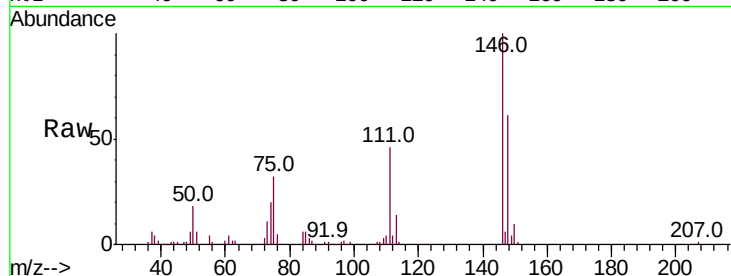




#87
 1,2-Dichlorobenzene
 Concen: 20.051 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

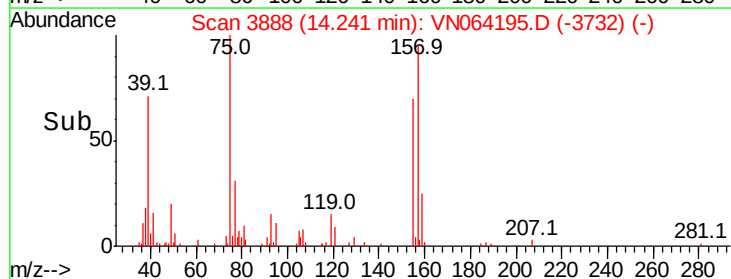
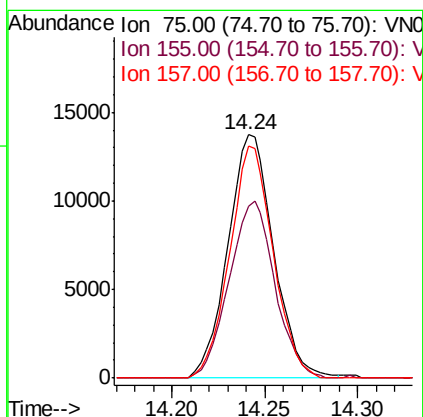
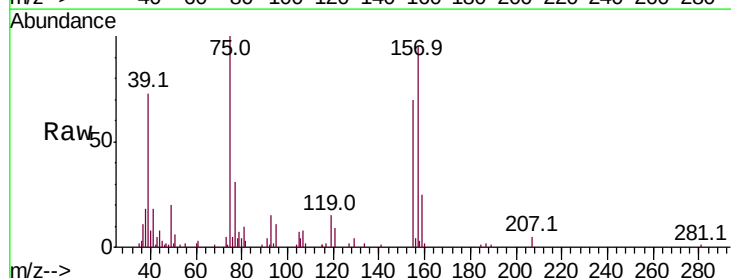
Instrument :
 MSVOA_N
 ClientSampled :

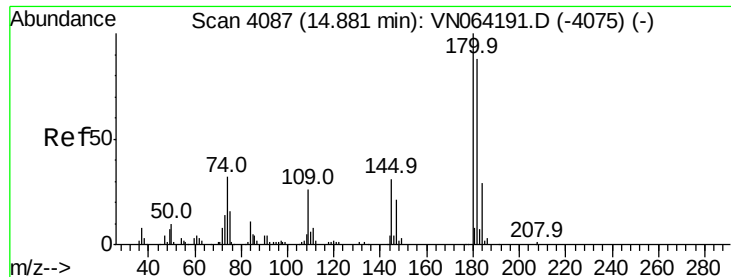
Tot Ion:146 Resp: 148854
 Ion Ratio Lower Upper
 146 100
 111 46.1 22.6 67.8
 148 62.1 32.6 97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.233 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion: 75 Resp: 23508
 Ion Ratio Lower Upper
 75 100
 155 72.7 61.1 91.7
 157 90.6 76.5 114.7

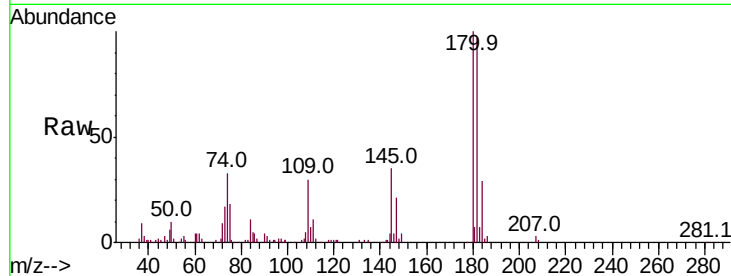




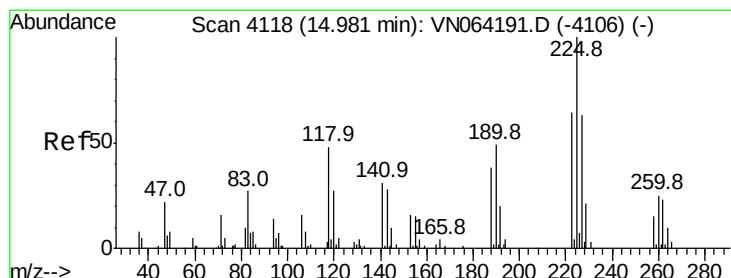
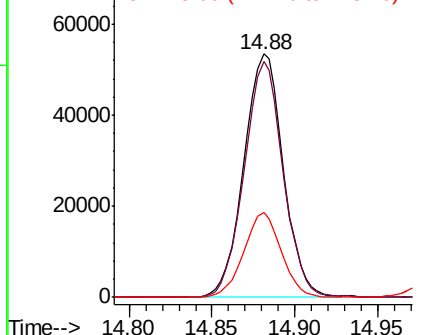
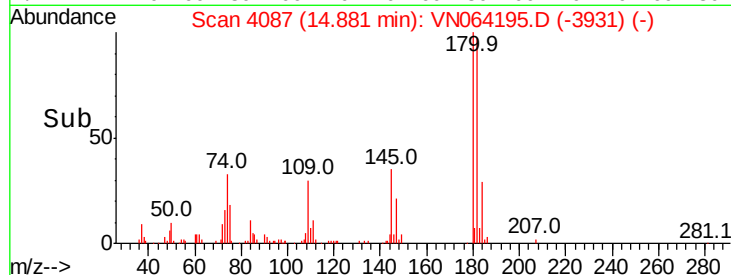
#89
 1,2,4-Trichlorobenzene
 Concen: 19.825 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 88380
 Ion Ratio Lower Upper
 180 100
 182 95.0 73.0 109.4
 145 33.1 24.3 36.5

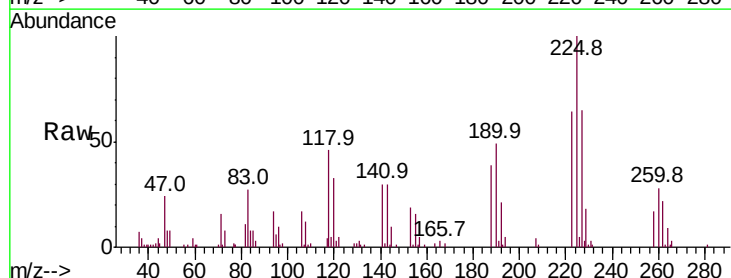


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

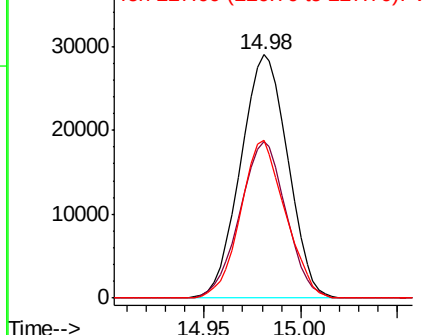
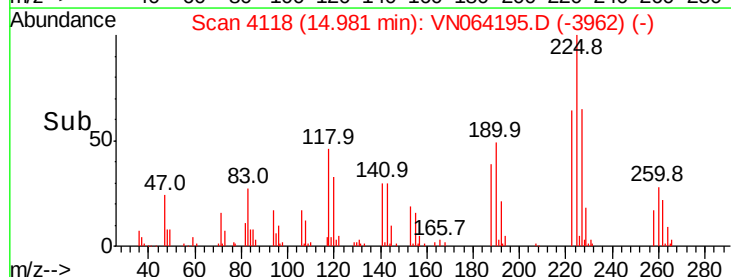


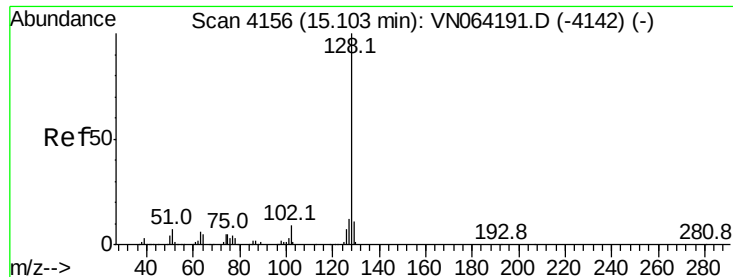
#90
 Hexachlorobutadiene
 Concen: 21.827 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064195.D
 Acq: 20 Oct 2020 13:35

Tgt Ion:225 Resp: 49320
 Ion Ratio Lower Upper
 225 100
 223 62.7 0.0 127.0
 227 61.4 0.0 129.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V





#91

Naphthalene

Concen: 19.292 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

Instrument :

MSVOA_N

ClientSampleId :

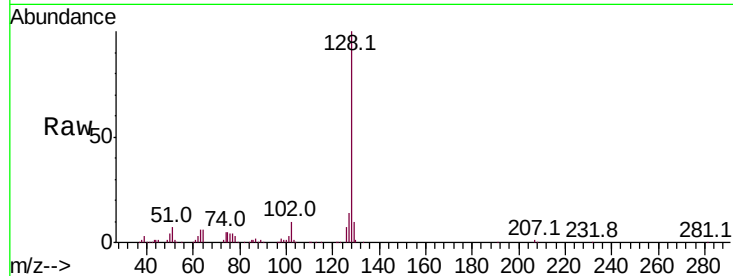
Tot Ion:128 Resp: 260687

Ion Ratio Lower Upper

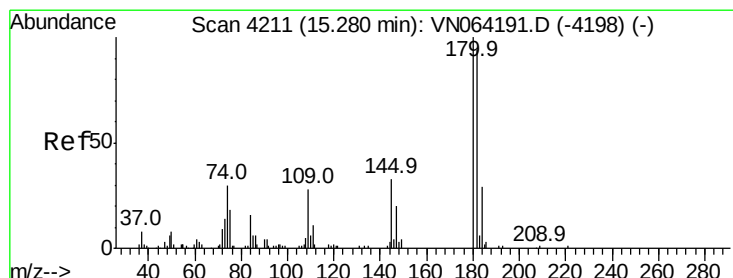
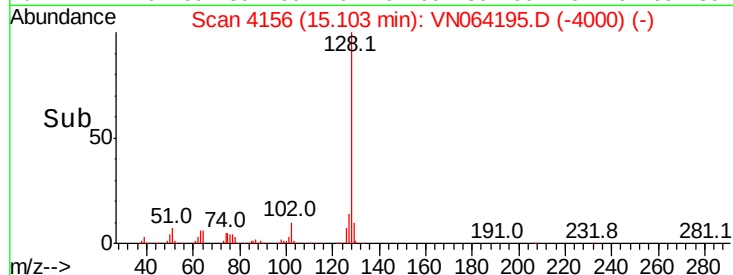
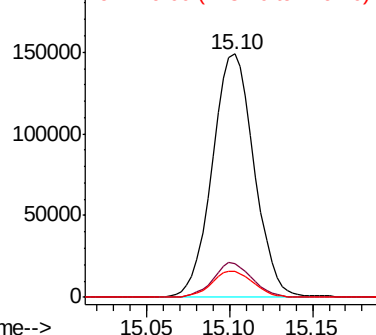
128 100

127 13.3 10.1 15.1

129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.946 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064195.D

Acq: 20 Oct 2020 13:35

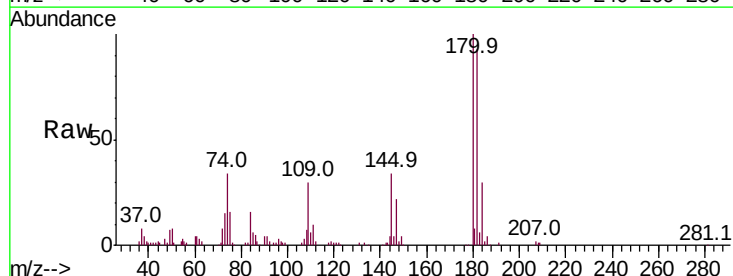
Tgt Ion:180 Resp: 85037

Ion Ratio Lower Upper

180 100

182 93.8 0.0 190.0

145 33.6 0.0 66.6



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

