

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064313.D
 Acq On : 26 Oct 2020 20:39
 Operator : JC/MD
 Sample : VN1026WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Quant Time: Oct 27 02:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	45963	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	261172	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	239856	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	132074	31.94	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.47%
60) 4-Bromofluorobenzene	12.38	95	129345	30.14	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	100.47%
63) Toluene-d8	10.06	98	316867	29.62	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	98.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	75026	19.958	ug/l 89
3) Chloromethane	2.04	50	67440	19.200	ug/l 95
4) Vinyl Chloride	2.16	62	65927	19.251	ug/l 98
5) Bromomethane	2.53	94	41317	19.547	ug/l 90
6) Chloroethane	2.67	64	36801	19.238	ug/l 98
7) Trichlorofluoromethane	2.98	101	108833	20.628	ug/l 92
8) Diethyl Ether	3.38	74	31427	18.595	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	51294	19.086	ug/l 83
10) 1,1-Dichloroethene	3.70	96	46832	18.134	ug/l 90
11) Methyl Iodide	3.91	142	64960	17.566	ug/l 99
12) Methyl Acetate	4.28	43	55161	17.838	ug/l 98
13) Acrolein	3.57	56	16758	82.049	ug/l 100
14) Acrylonitrile	4.93	53	129077	95.961	ug/l 98
15) Acetone	3.78	58	33303	90.008	ug/l 98
16) Carbon Disulfide	4.01	76	138081	18.012	ug/l 99
17) Allyl chloride	4.28	41	88725	18.094	ug/l 98
18) Methylene Chloride	4.51	84	55652	18.924	ug/l 96
19) trans-1,2-Dichloroethene	4.99	96	29649	10.578	ug/l 97
20) Diisopropyl ether	5.90	45	190398	19.183	ug/l 96
21) 1,1-Dichloroethane	5.79	63	104909	18.870	ug/l # 94
22) cis-1,2-Dichloroethene	6.78	96	61310	18.956	ug/l 96
23) tert-Butyl Alcohol	4.74	59	59255	96.792	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	185093	18.973	ug/l 98
25) Chloroform	7.33	83	110482	19.263	ug/l 95
26) Cyclohexane	7.62	56	83848	18.411	ug/l # 99
29) 1,1-Dichloropropene	7.75	75	81151	18.049	ug/l 98
30) 2-Butanone	6.78	43	189129	89.272	ug/l # 98
31) 2,2-Dichloropropane	6.78	77	92374	17.103	ug/l # 62
32) 1,1,1-Trichloroethane	7.53	97	106391	18.903	ug/l 99
33) Carbon Tetrachloride	7.73	117	94821	18.413	ug/l 99
34) Benzene	8.00	78	223715	18.540	ug/l 97
35) Methacrylonitrile	7.16	41	121762	55.035	ug/l # 59
37) Trichloroethene	8.80	130	59878	18.193	ug/l 99
38) Methylcyclohexane	9.05	83	76927	17.706	ug/l 98
39) 1,2-Dichloropropane	9.08	63	59809	18.360	ug/l 97
40) Dibromomethane	9.18	93	41545	18.374	ug/l 97
41) Bromodichloromethane	9.37	83	90453	18.523	ug/l 96

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Instrument :
 MSVOA_N
 ClientSampleID :
 VN1026WBS01

Quant Time: Oct 27 02:36:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 17:44:53 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.84	43	810173	89.491	ug/l	99
43) Ethyl Acetate	6.88	43	82750	19.162	ug/l #	89
44) Isopropyl Acetate	8.13	43	143604	18.098	ug/l	98
45) 1,4-Dioxane	9.16	88	22355	365.309	ug/l	93
46) Methyl methacrylate	9.16	41	69189	17.869	ug/l	99
47) n-amyl Acetate	12.04	43	116708	17.470	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	96723	17.560	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	101005	17.994	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	53867	17.745	ug/l	94
51) Ethyl methacrylate	10.40	69	82886	17.487	ug/l	99
52) 1,3-Dichloropropane	10.68	76	96422	18.089	ug/l	94
53) Dibromochloromethane	10.87	129	66983	18.067	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60943	18.794	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	218885	92.779	ug/l	98
56) Bromoform	12.10	173	45152	16.987	ug/l #	92
58) 4-Methyl-2-Pentanone	9.95	43	418221	94.246	ug/l	99
59) 2-Hexanone	10.72	43	307382	92.704	ug/l	98
61) Tetrachloroethene	10.60	164	60716	18.982	ug/l	95
62) Toluene	10.12	91	243022	18.394	ug/l	100
64) Chlorobenzene	11.41	112	149056	18.097	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	58925	18.109	ug/l	95
66) Ethyl Benzene	11.48	91	272088	18.019	ug/l	96
67) m/p-Xylenes	11.59	106	198939	35.875	ug/l	97
68) o-Xylene	11.92	106	97946	17.960	ug/l	99
69) Styrene	11.94	104	161465	17.765	ug/l	98
70) Isopropylbenzene	12.22	105	261162	18.061	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	76225	18.502	ug/l	99
72) 1,2,3-Trichloropropane	12.53	75	111797	25.482	ug/l	69
73) Bromobenzene	12.50	156	63393	17.884	ug/l	99
74) n-propylbenzene	12.57	91	292944	17.775	ug/l	99
75) 2-Chlorotoluene	12.65	91	183177	17.973	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	219529	17.952	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	28263	17.253	ug/l	94
78) 4-Chlorotoluene	12.75	91	186274	17.465	ug/l	99
79) tert-butylbenzene	12.97	119	177734	17.636	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	219725	17.813	ug/l	99
81) sec-Butylbenzene	13.14	105	228454	17.466	ug/l	100
82) p-Isopropyltoluene	13.26	119	203861	17.015	ug/l	98
83) 1,3-Dichlorobenzene	13.26	146	107306	17.427	ug/l	98
84) 1,4-Dichlorobenzene	13.34	146	105139	17.004	ug/l	100
85) n-Butylbenzene	13.59	91	174412	16.694	ug/l	97
86) Hexachloroethane	13.85	117	37861	16.945	ug/l	94
87) 1,2-Dichlorobenzene	13.63	146	105728	17.438	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19593	18.815	ug/l	95
89) 1,2,4-Trichlorobenzene	14.88	180	57786	16.821	ug/l	96
90) Hexachlorobutadiene	14.98	225	30471	16.480	ug/l	96
91) Naphthalene	15.10	128	178093	17.173	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	54487	16.419	ug/l	99

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Quant Time: Oct 27 02:36:55 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 17:44:53 2020
Response via : Initial Calibration

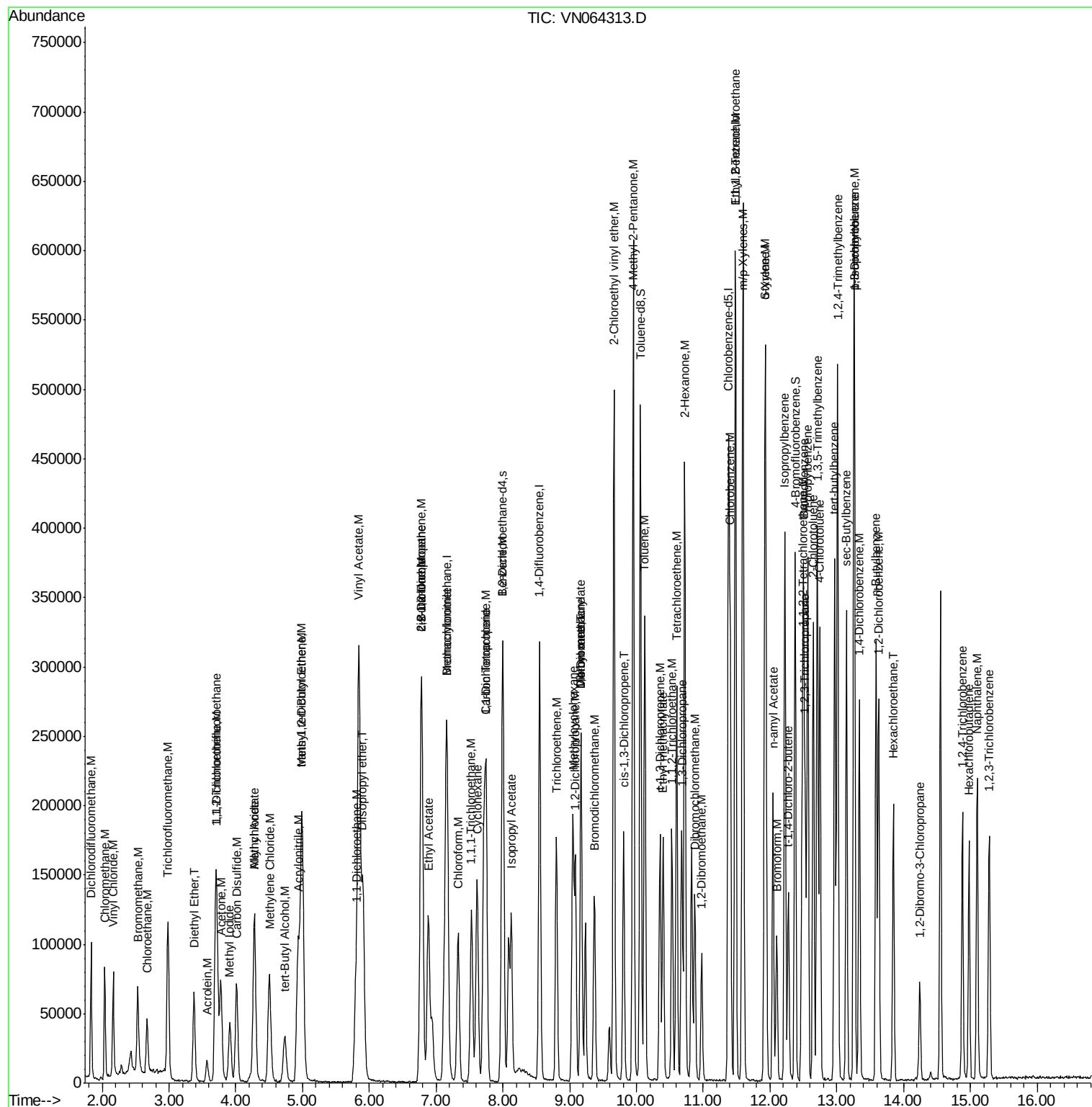
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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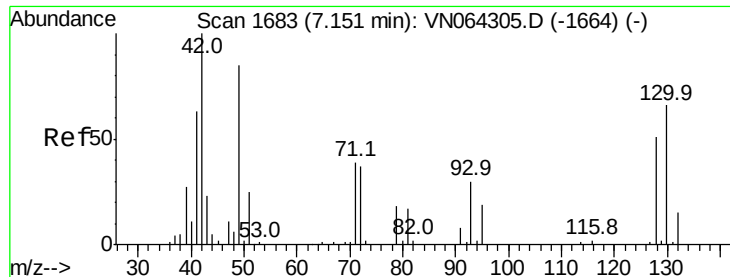
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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Quant Time: Oct 27 02:36:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N102620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 17:44:53 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

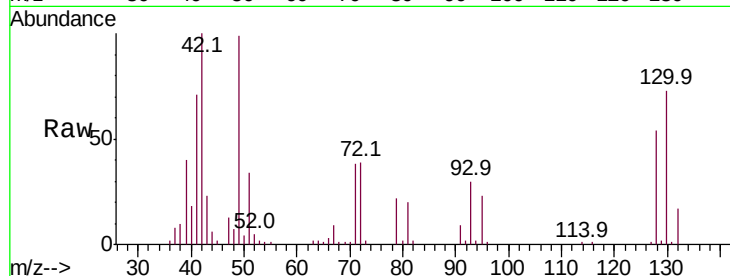
Tot Ion:128 Resp: 45963

Ion Ratio Lower Upper

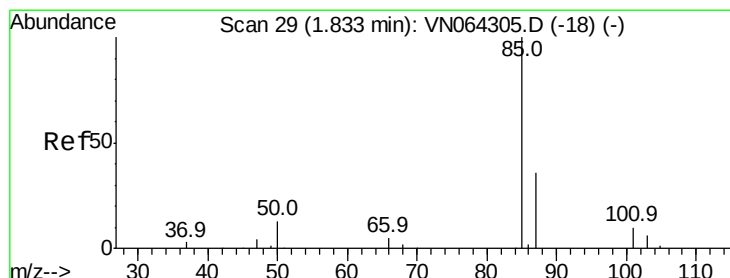
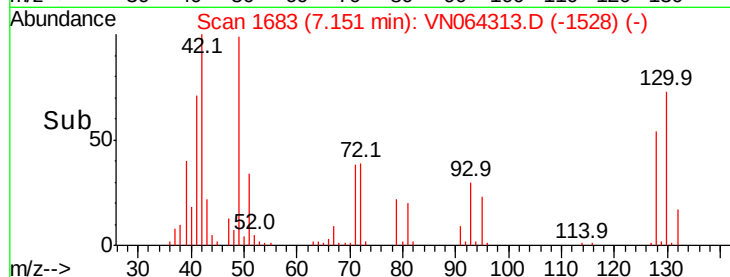
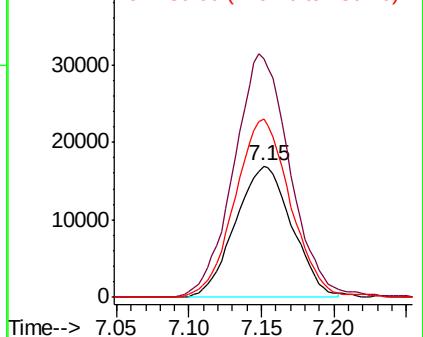
128 100

49 184.2 0.0 439.5

130 133.7 0.0 323.8



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: 19.958 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064313.D

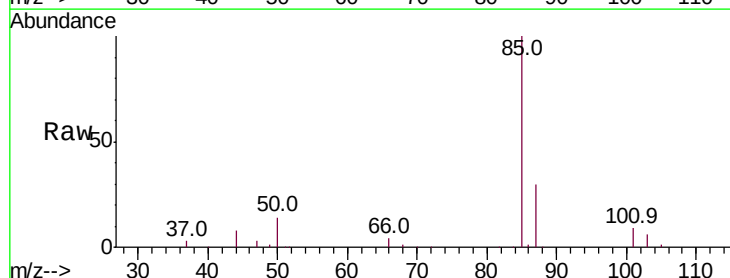
Acq: 26 Oct 2020 20:39

Tgt Ion: 85 Resp: 75026

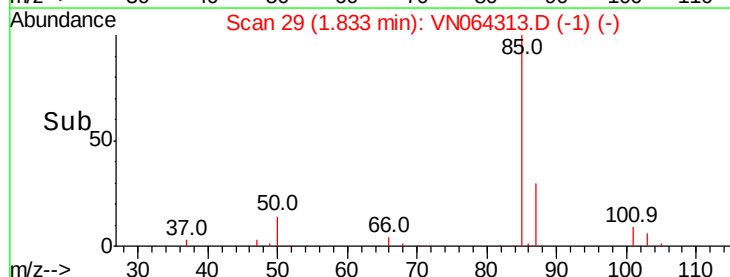
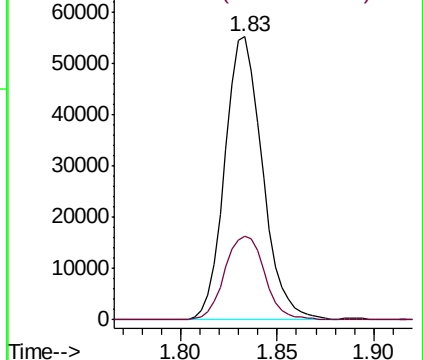
Ion Ratio Lower Upper

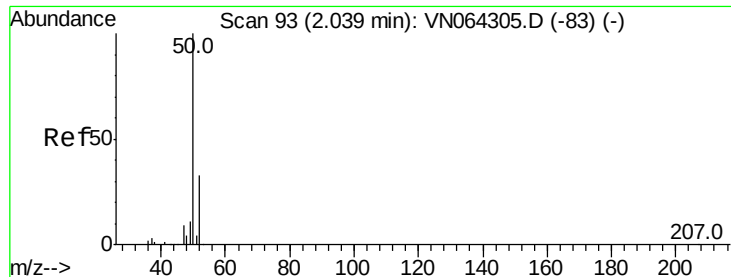
85 100

87 29.6 18.1 54.4



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





#3

Chloromethane

Concen: 19.200 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

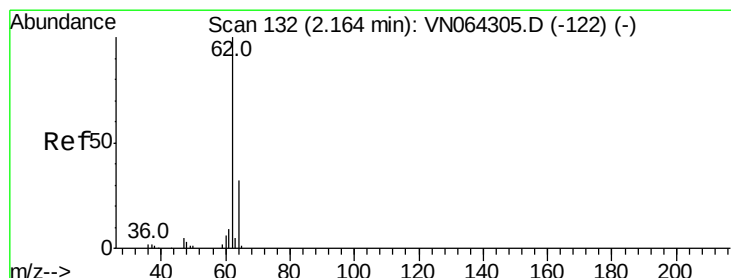
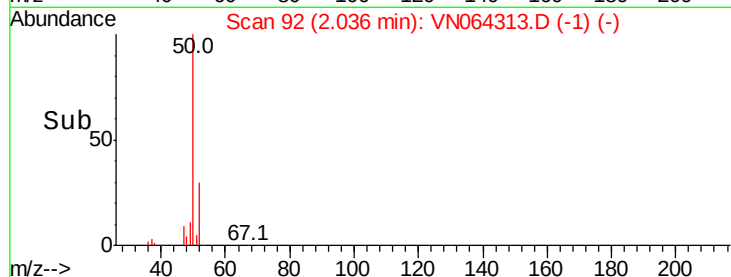
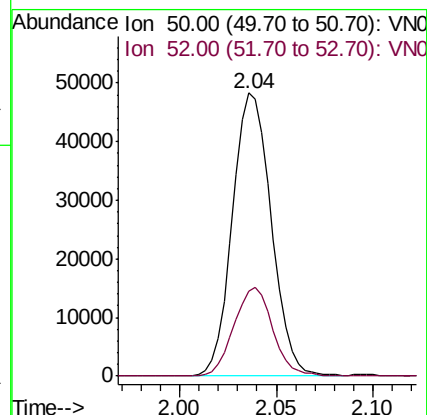
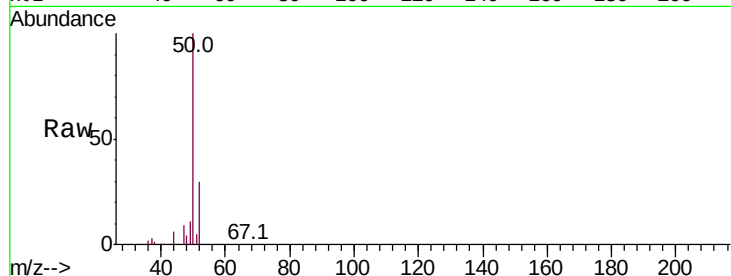
VN1026WBS01

Tot Ion: 50 Resp: 67440

Ion Ratio Lower Upper

50 100

52 29.8 26.2 39.2



#4

Vinyl Chloride

Concen: 19.251 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064313.D

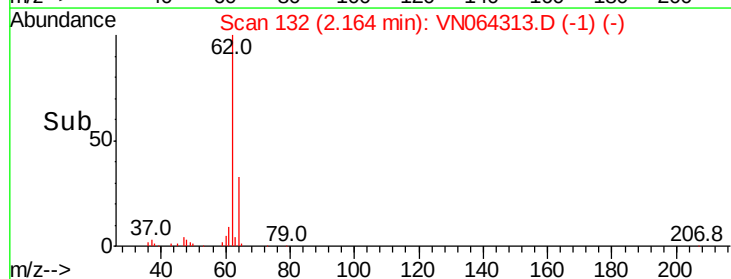
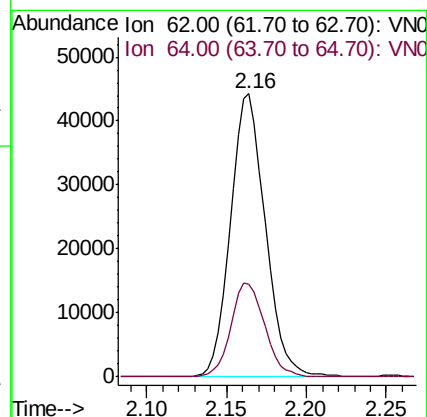
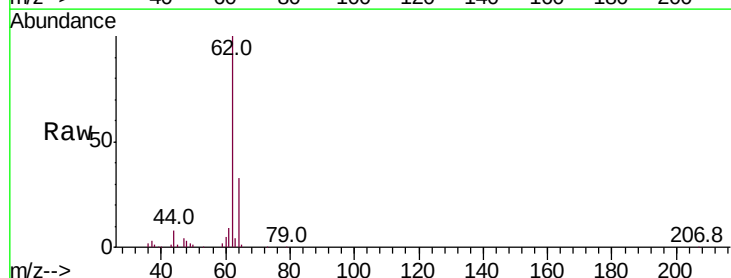
Acq: 26 Oct 2020 20:39

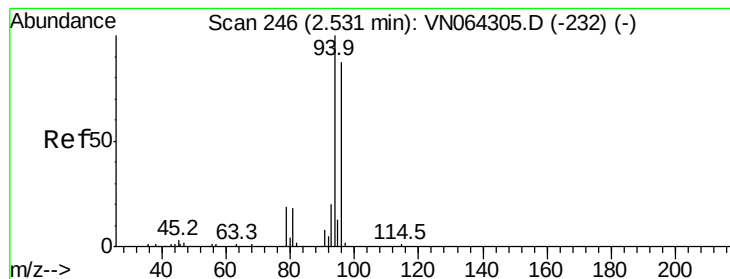
Tgt Ion: 62 Resp: 65927

Ion Ratio Lower Upper

62 100

64 32.9 25.5 38.3





#5

Bromomethane

Concen: 19.547 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

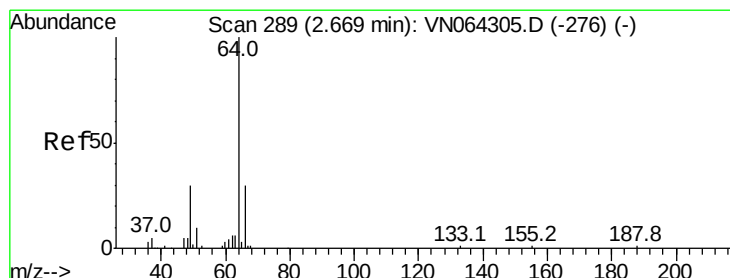
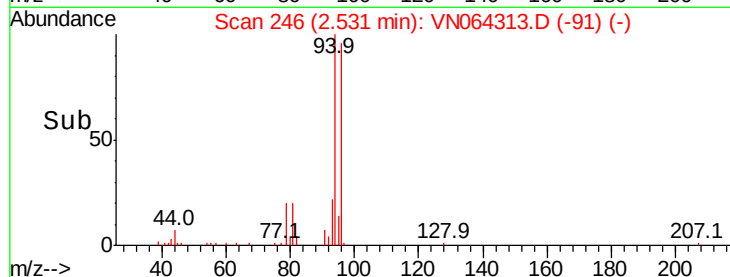
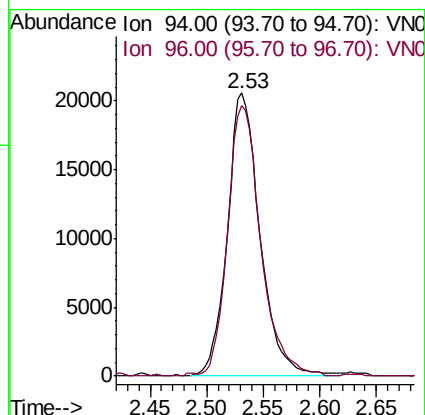
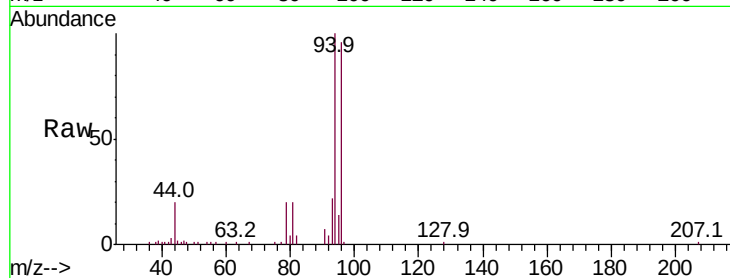
VN1026WBS01

Tot Ion: 94 Resp: 41317

Ion Ratio Lower Upper

94 100

96 95.6 69.4 104.0



#6

Chloroethane

Concen: 19.238 ug/l

RT: 2.67 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN064313.D

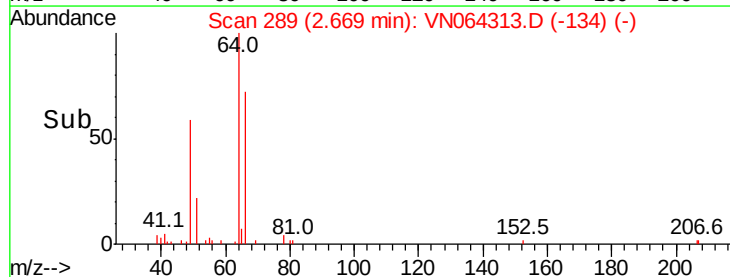
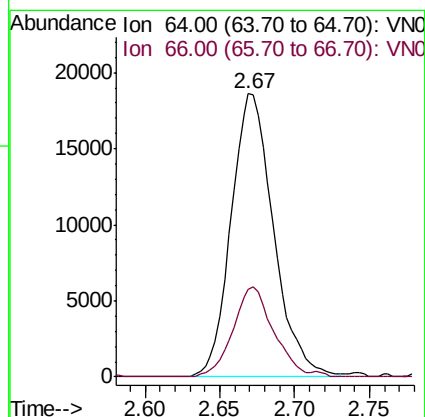
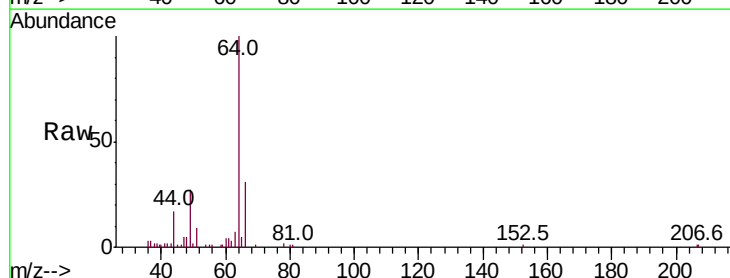
Acq: 26 Oct 2020 20:39

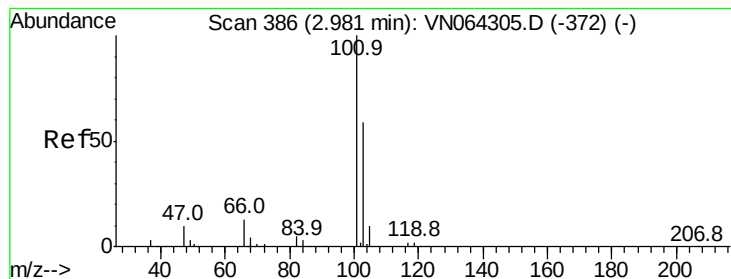
Tgt Ion: 64 Resp: 36801

Ion Ratio Lower Upper

64 100

66 30.9 24.1 36.1



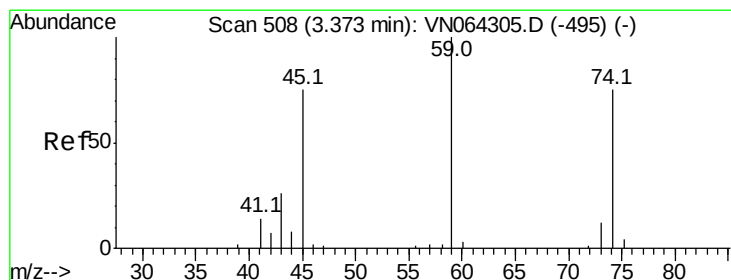
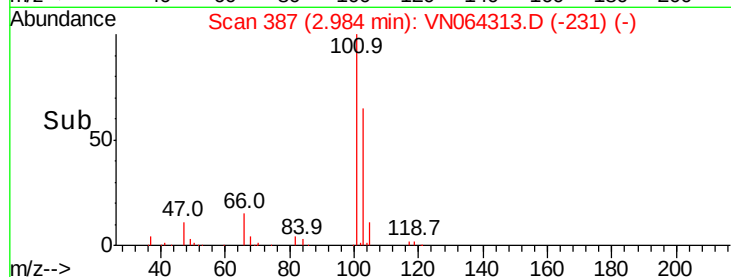
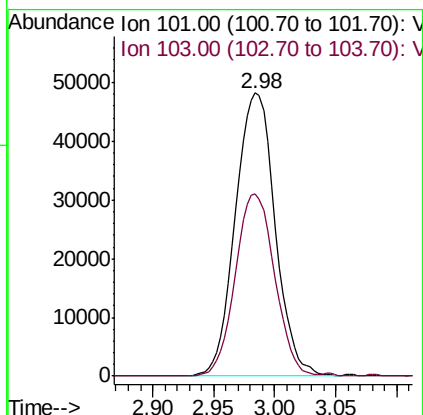
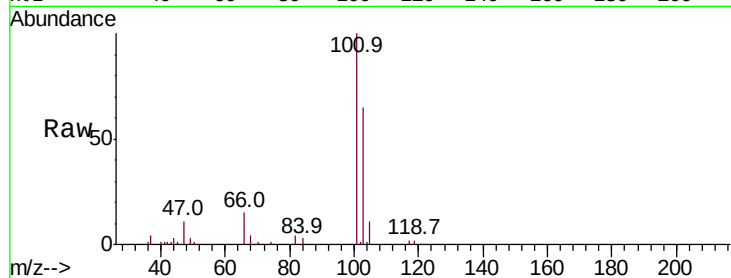


#7

Trichlorofluoromethane
Concen: 20.628 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

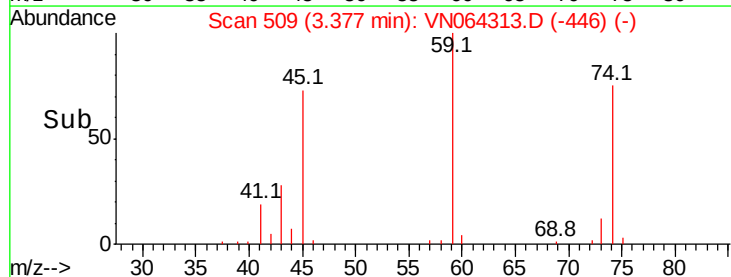
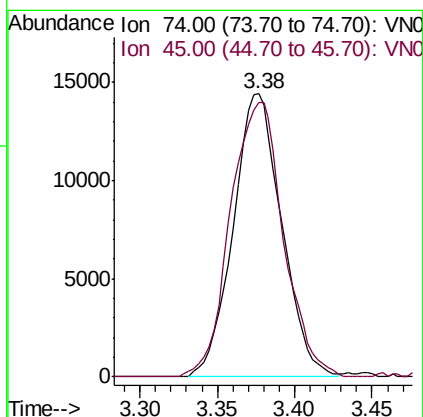
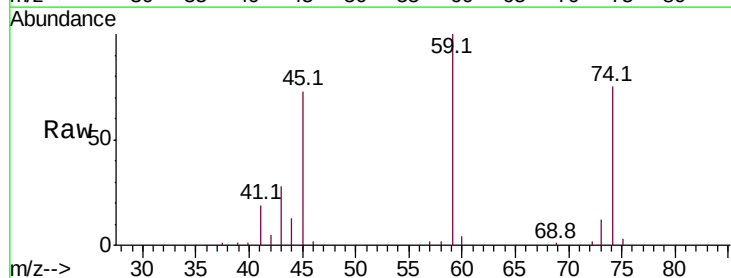
Tot Ion:101 Resp: 108833
Ion Ratio Lower Upper
101 100
103 64.6 47.1 70.7

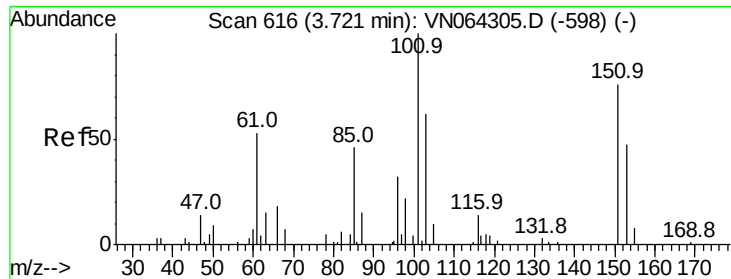


#8

Diethyl Ether
Concen: 18.595 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 74 Resp: 31427
Ion Ratio Lower Upper
74 100
45 106.2 20.4 183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.086 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

VN1026WBS01

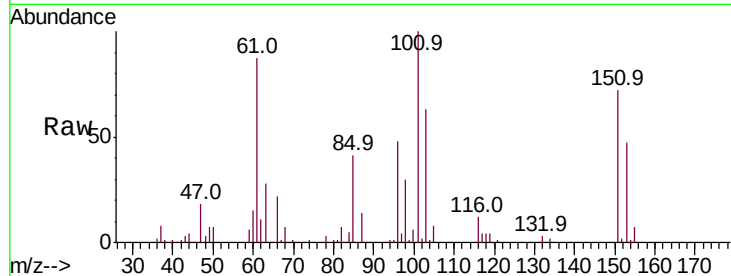
Tot Ion:101 Resp: 51294

Ion Ratio Lower Upper

101 100

85 19.2 0.0 96.2

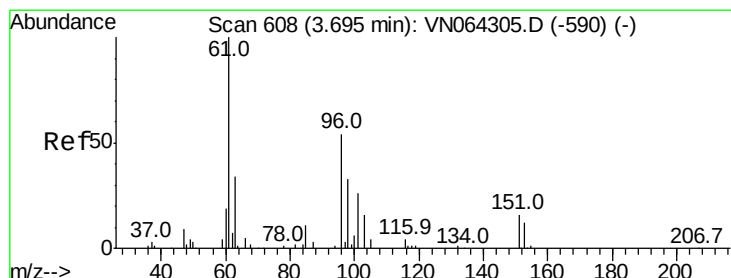
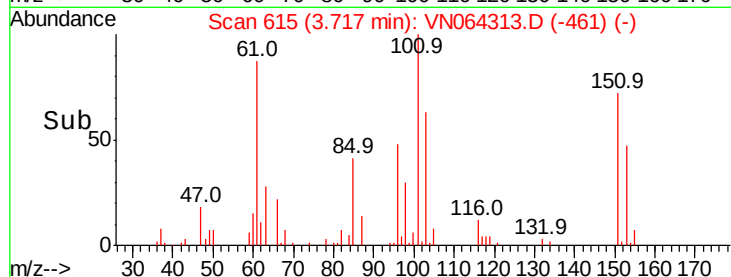
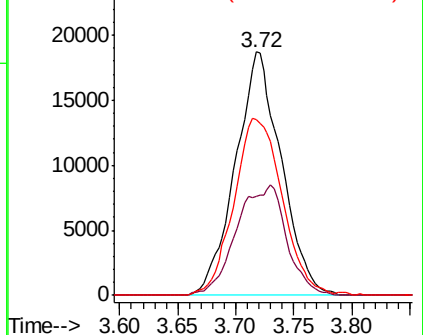
151 76.8 0.0 154.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.134 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

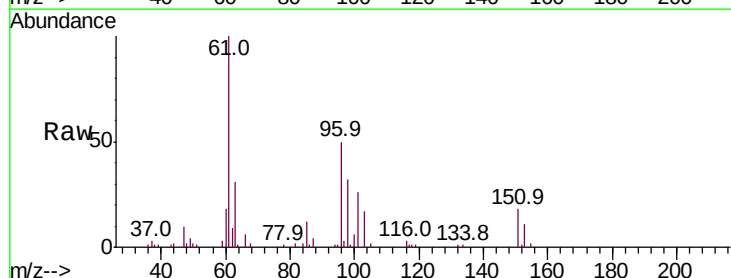
Tgt Ion: 96 Resp: 46832

Ion Ratio Lower Upper

96 100

61 200.6 147.4 221.2

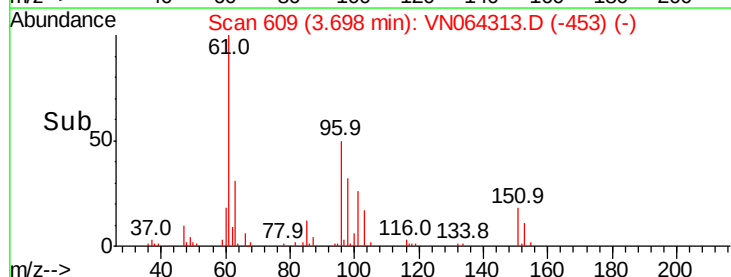
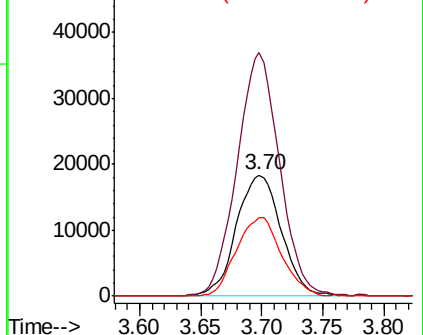
98 65.0 48.8 73.2

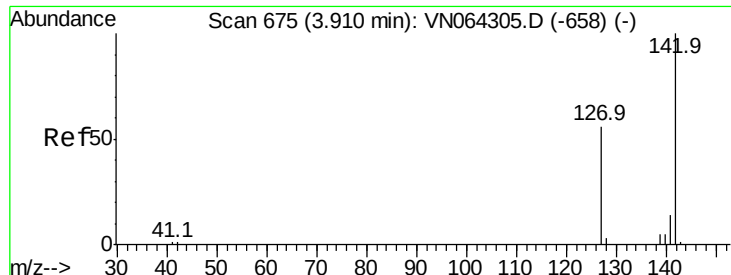


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

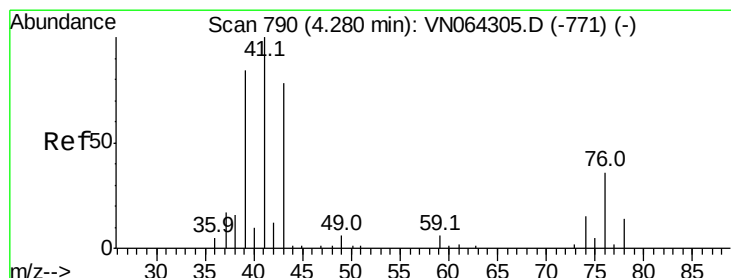
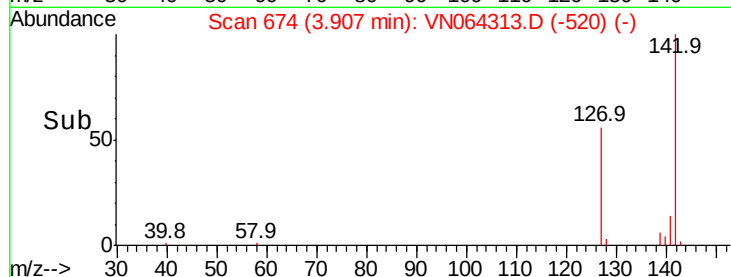
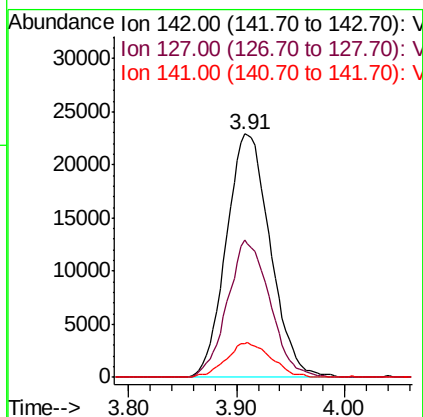
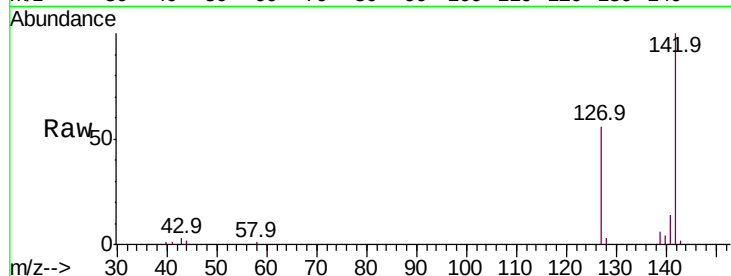




#11
Methyl Iodide
Concen: 17.566 ug/l
RT: 3.91 min Scan# 674
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

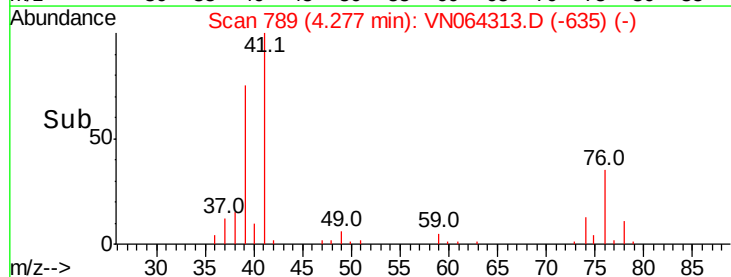
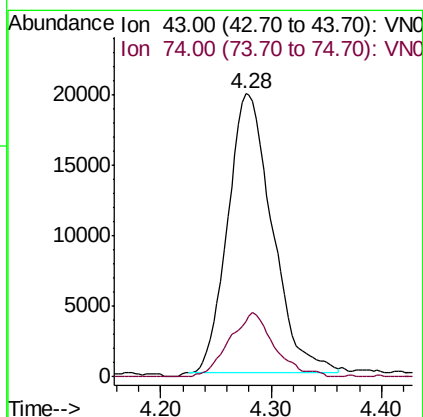
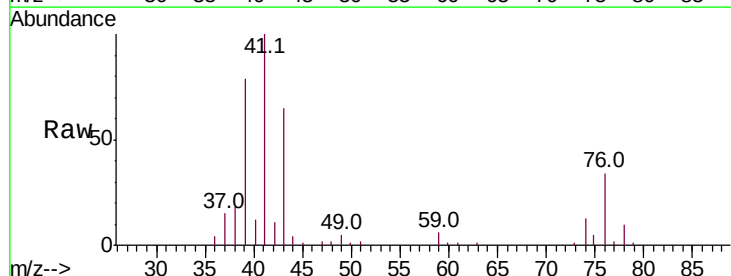
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

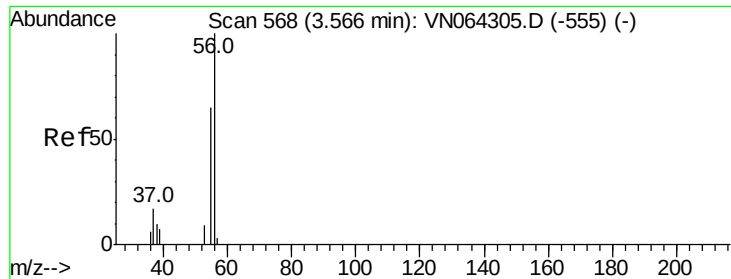
Tot Ion:142 Resp: 64960
Ion Ratio Lower Upper
142 100
127 56.3 27.9 83.7
141 13.9 7.1 21.3



#12
Methyl Acetate
Concen: 17.838 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 43 Resp: 55161
Ion Ratio Lower Upper
43 100
74 20.1 15.4 23.0





#13

Acrolein

Concen: 82.049 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

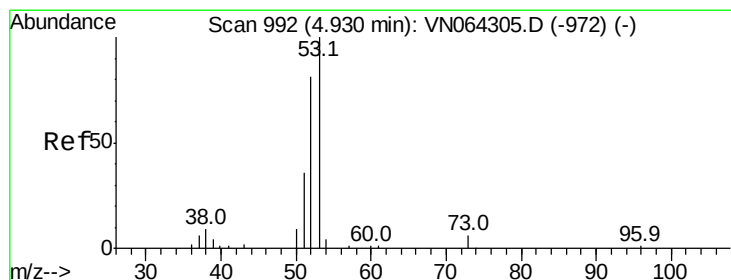
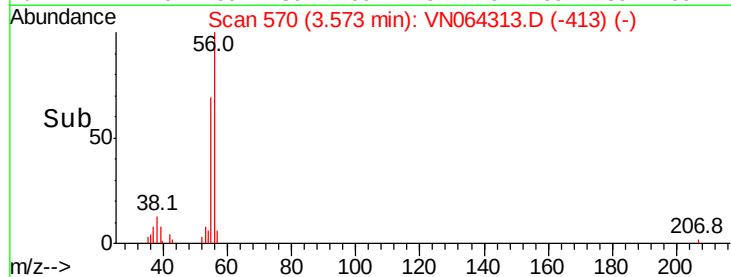
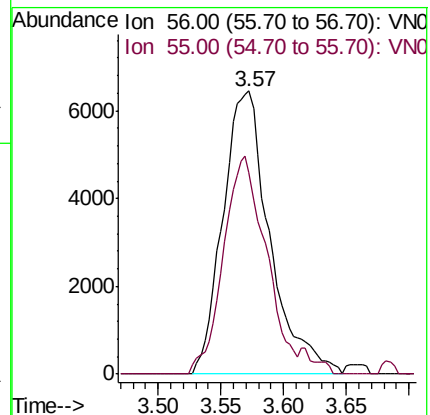
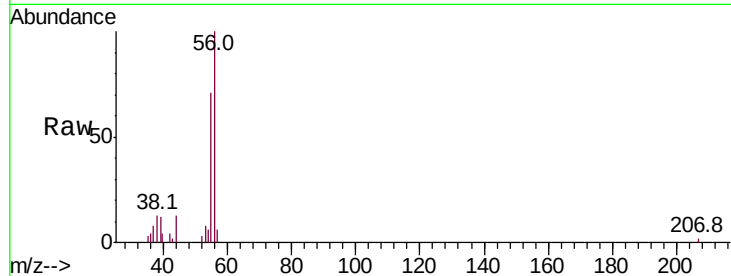
VN1026WBS01

Tot Ion: 56 Resp: 16758

Ion Ratio Lower Upper

56 100

55 69.5 55.5 83.3



#14

Acrylonitrile

Concen: 95.961 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

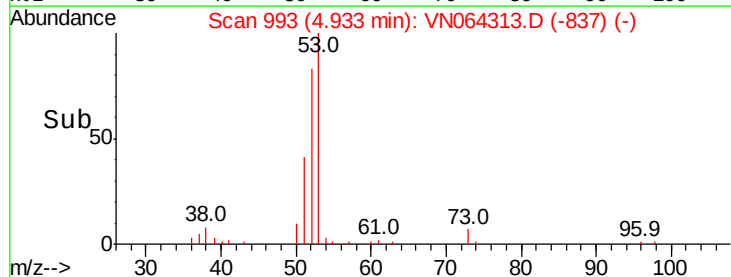
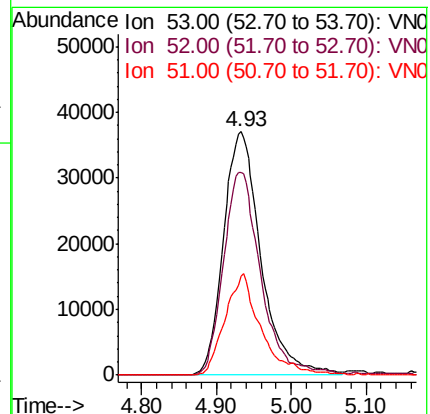
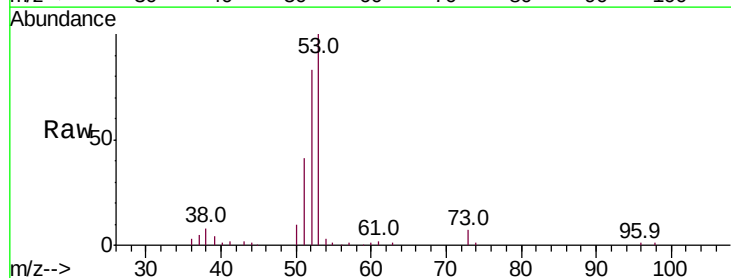
Tgt Ion: 53 Resp: 129077

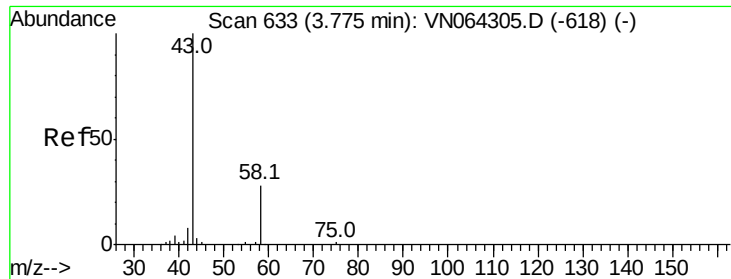
Ion Ratio Lower Upper

53 100

52 82.1 41.7 125.1

51 37.6 19.4 58.2





#15

Acetone

Concen: 90.008 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

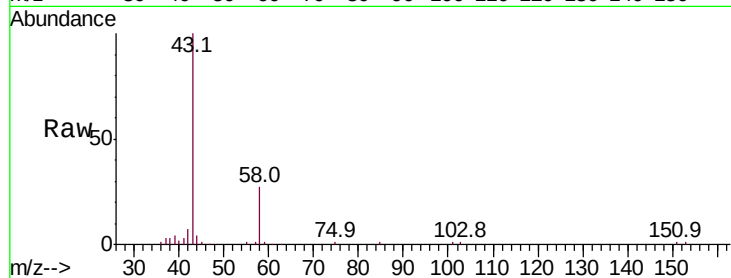
VN1026WBS01

Tot Ion: 58 Resp: 33303

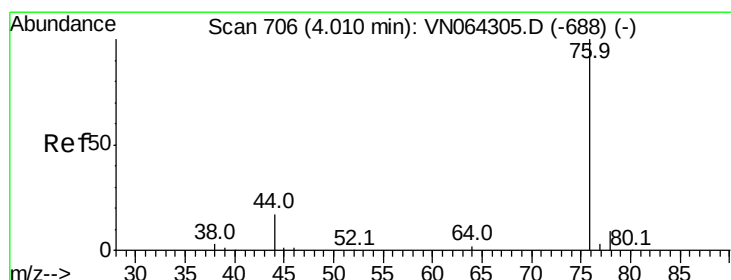
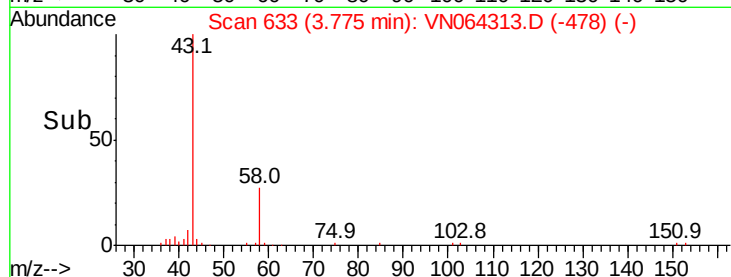
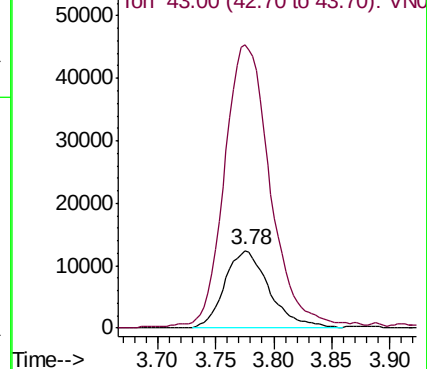
Ion Ratio Lower Upper

58 100

43 358.7 289.9 434.9



Abundance Ion 58.00 (57.70 to 58.70): VN064313.D (-478) (-)



#16

Carbon Disulfide

Concen: 18.012 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064313.D

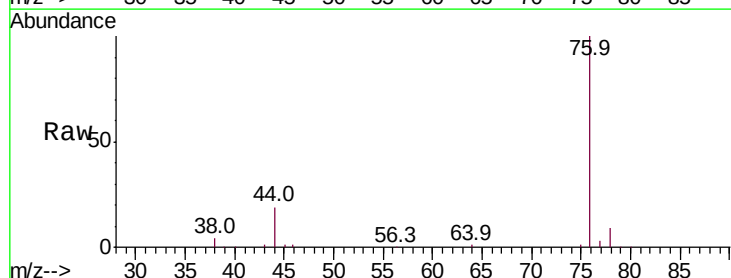
Acq: 26 Oct 2020 20:39

Tgt Ion: 76 Resp: 138081

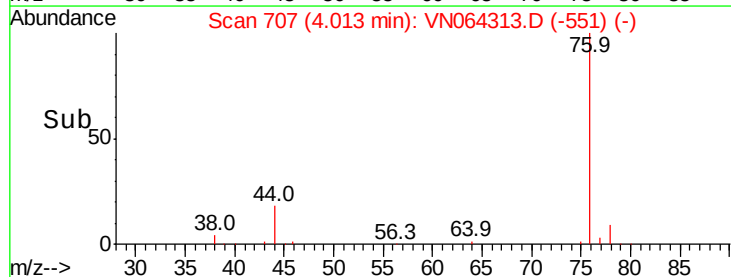
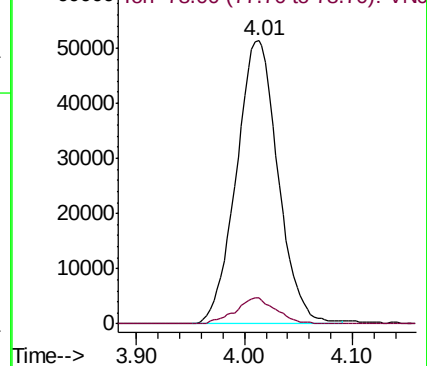
Ion Ratio Lower Upper

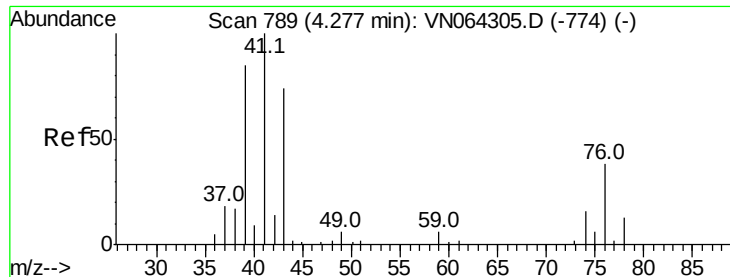
76 100

78 9.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN064313.D (-551) (-)

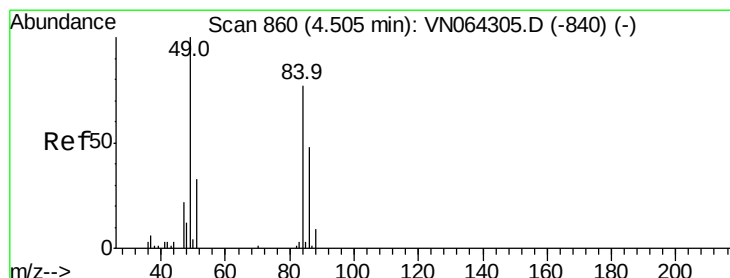
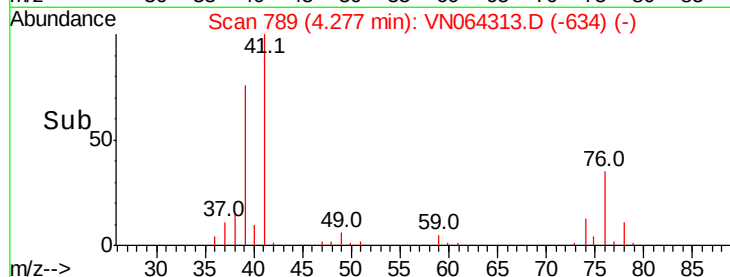
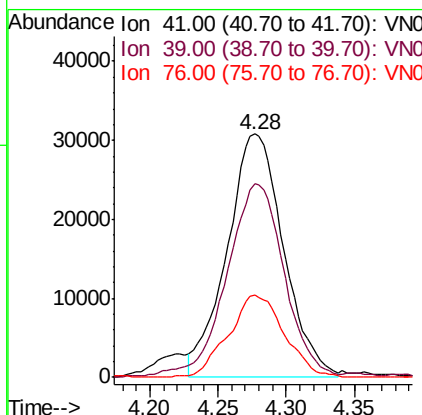
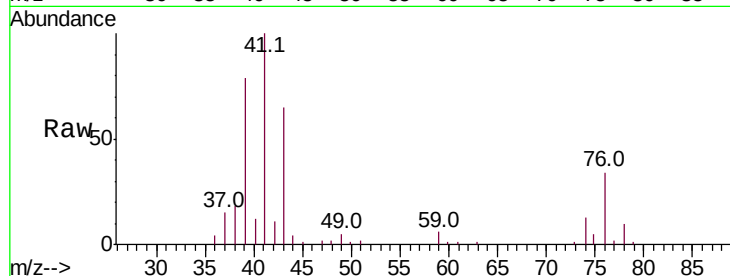




#17
Allvl chloride
Concen: 18.094 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

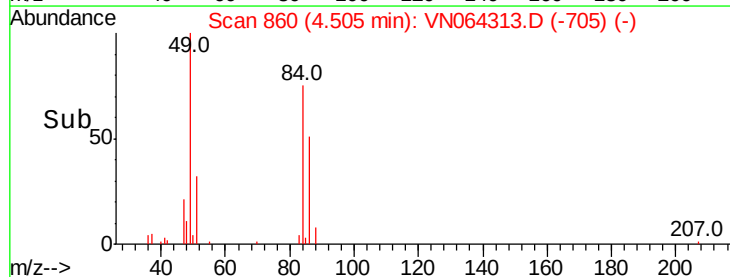
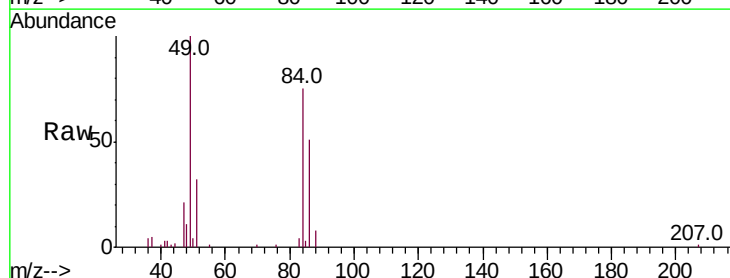
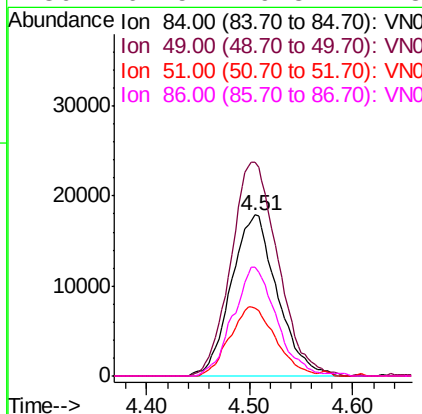
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

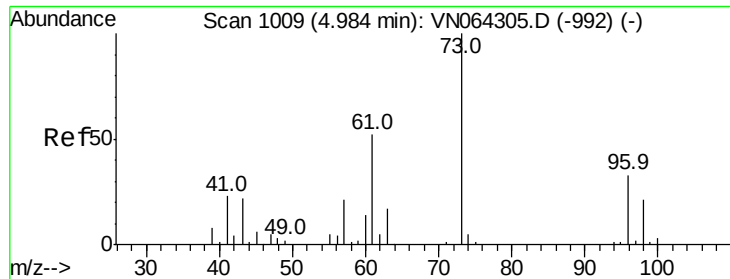
Tot Ion: 41 Resp: 88725
Ion Ratio Lower Upper
41 100
39 79.5 40.3 120.9
76 33.7 17.6 52.9



#18
Methylene Chloride
Concen: 18.924 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 84 Resp: 55652
Ion Ratio Lower Upper
84 100
49 132.5 103.1 154.7
51 42.0 33.8 50.8
86 67.5 49.8 74.8

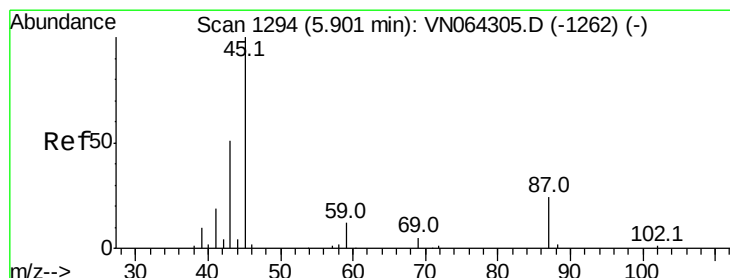
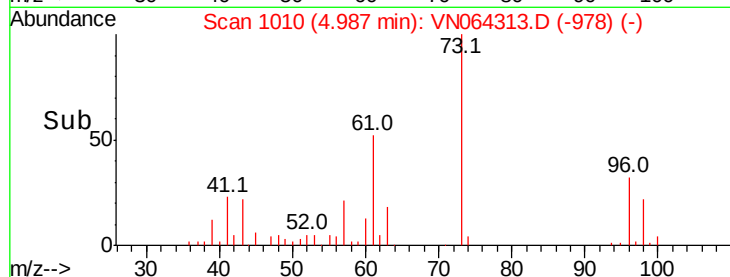
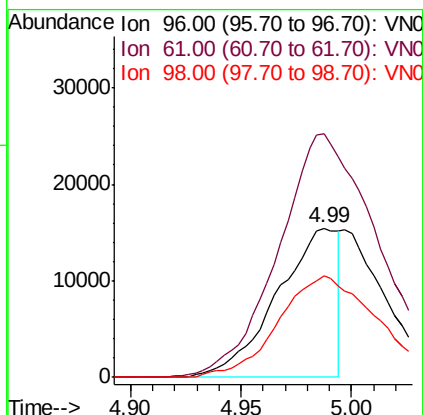
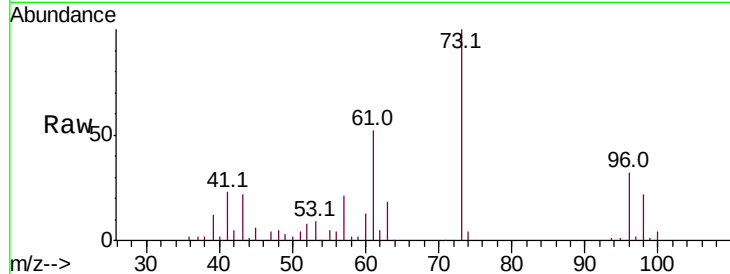




#19
trans-1,2-Dichloroethene
Concen: 10.578 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

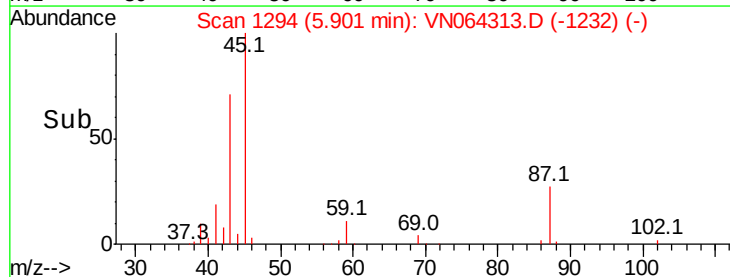
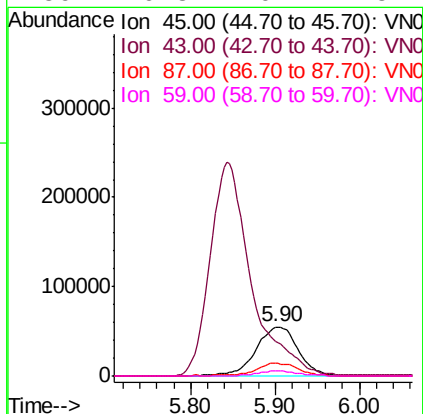
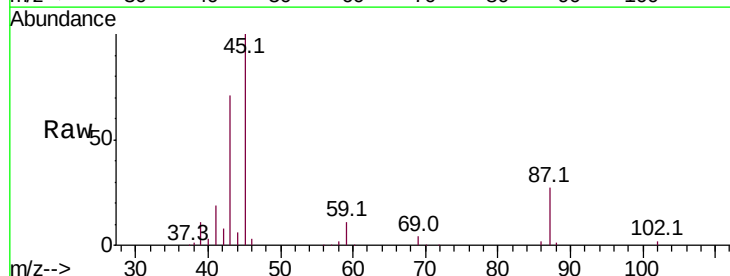
Instrument :
MSVOA_N
ClientSampled :
VN1026WBS01

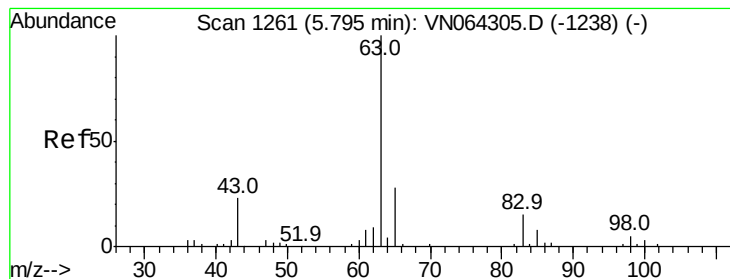
Tot Ion: 96 Resp: 29649
Ion Ratio Lower Upper
96 100
61 160.8 126.9 190.3
98 68.2 50.6 76.0



#20
Diisopropyl ether
Concen: 19.183 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 45 Resp: 190398
Ion Ratio Lower Upper
45 100
43 67.4 56.6 85.0
87 26.2 20.3 30.5
59 10.8 10.1 15.1





#21

1,1-Dichloroethane

Concen: 18.870 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

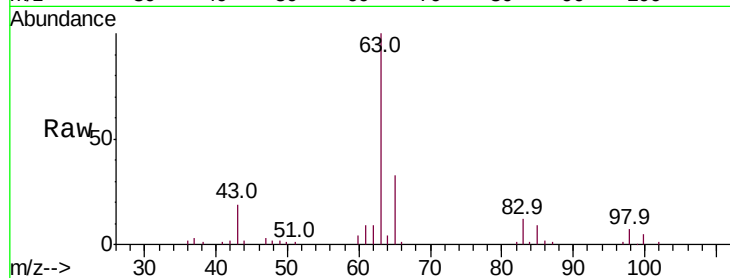
Tot Ion: 63 Resp: 104909

Ion Ratio Lower Upper

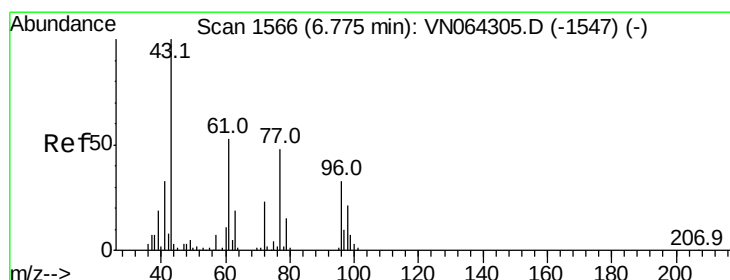
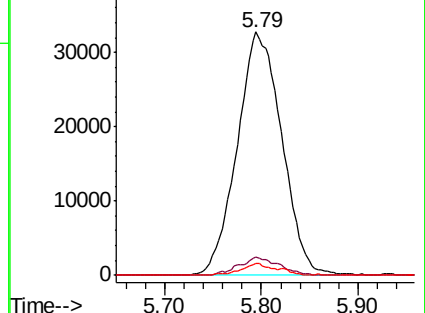
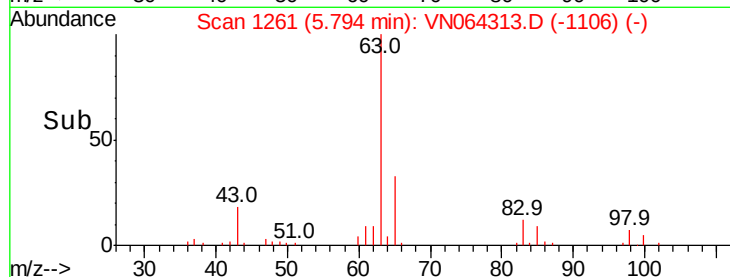
63 100

98 7.4 2.6 8.0

100 4.9 1.6 4.8#



Abundance Ion 63.00 (62.70 to 63.70): VN064313.D (-1106) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.956 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

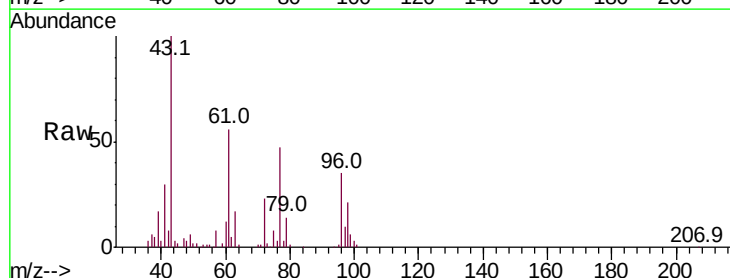
Tgt Ion: 96 Resp: 61310

Ion Ratio Lower Upper

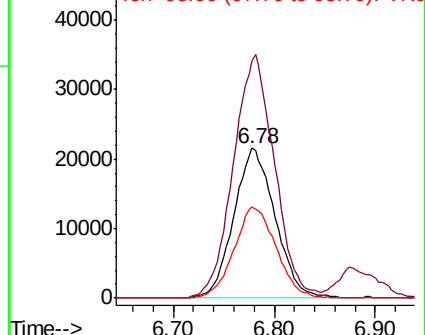
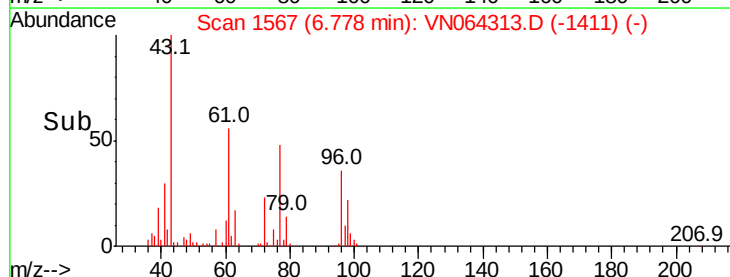
96 100

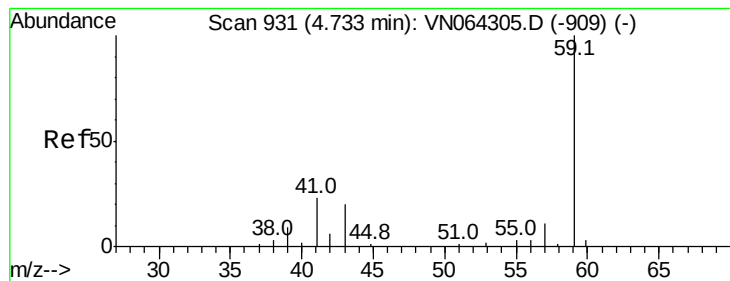
61 161.4 133.0 199.6

98 61.7 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VN064313.D (-1411) (-)





#23

tert-Butyl Alcohol

Concen: 96.792 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

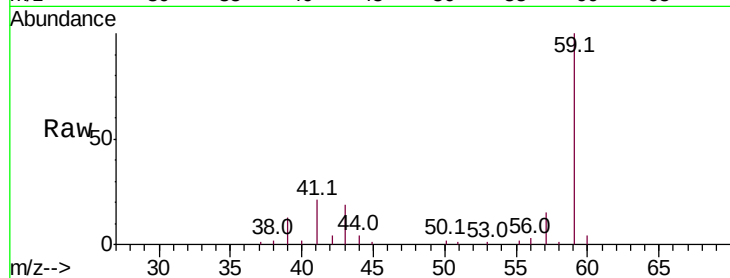
VN1026WBS01

Tot Ion: 59 Resp: 59255

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

20000

15000

10000

5000

0

Time--> 4.60

4.70

4.80

4.90

5.00

5.10

5.20

5.30

5.40

5.50

5.60

5.70

5.80

5.90

6.00

6.10

6.20

6.30

6.40

6.50

6.60

6.70

6.80

6.90

7.00

7.10

7.20

7.30

7.40

7.50

7.60

7.70

7.80

7.90

8.00

8.10

8.20

8.30

8.40

8.50

8.60

8.70

8.80

8.90

9.00

9.10

9.20

9.30

9.40

9.50

9.60

9.70

9.80

9.90

10.00

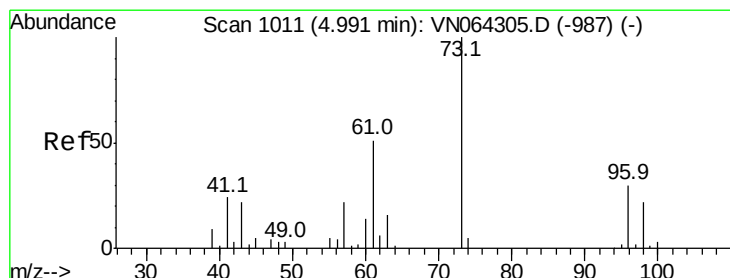
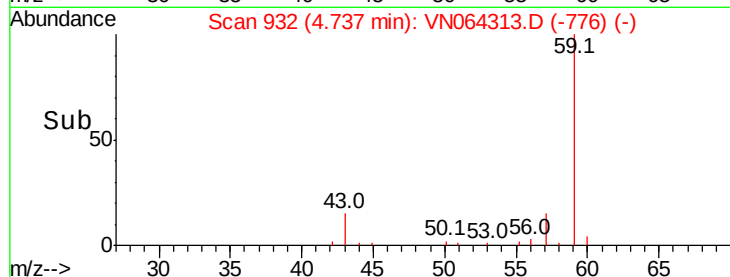
10.10

10.20

10.30

10.40

10.50



#24

Methyl tert-Butyl Ether

Concen: 18.973 ug/l

RT: 4.99 min Scan# 1011

Delta R.T. -0.00 min

Lab File: VN064313.D

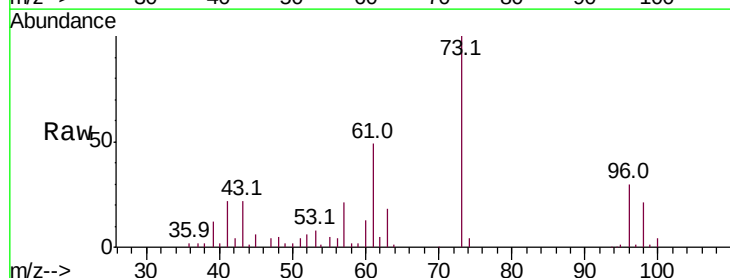
Acq: 26 Oct 2020 20:39

Tgt Ion: 73 Resp: 185093

Ion Ratio Lower Upper

73 100

43 23.3 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

50000

40000

30000

20000

10000

0

Time--> 4.90

5.00

5.10

5.20

5.30

5.40

5.50

5.60

5.70

5.80

5.90

6.00

6.10

6.20

6.30

6.40

6.50

6.60

6.70

6.80

6.90

7.00

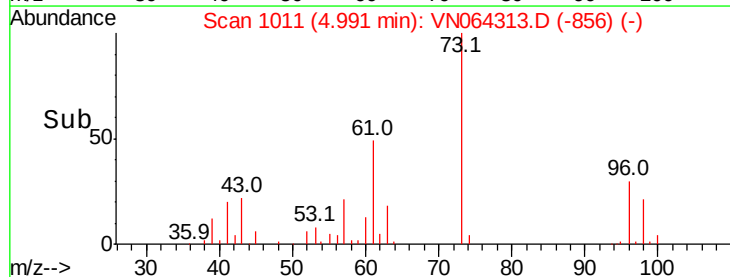
7.10

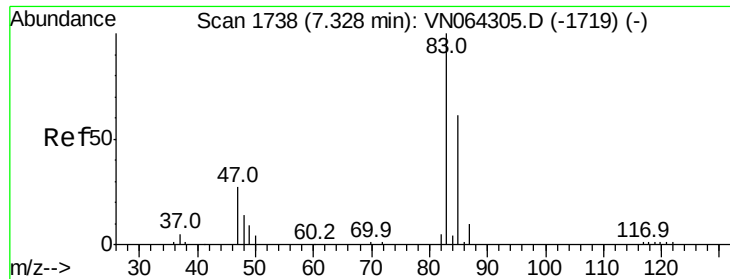
7.20

7.30

7.40

7.50

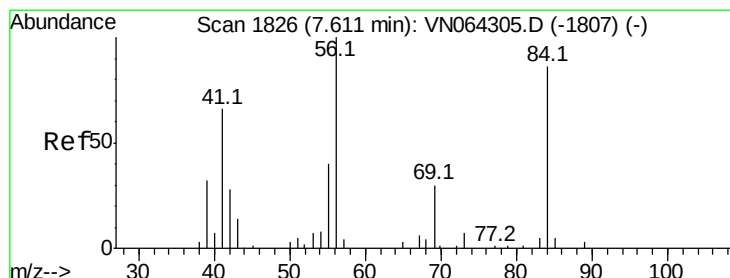
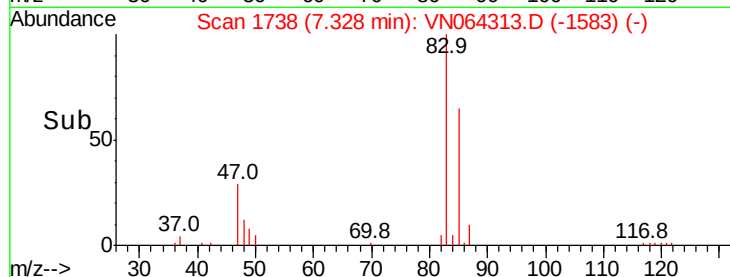
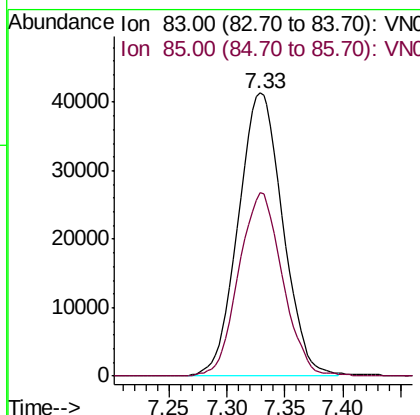
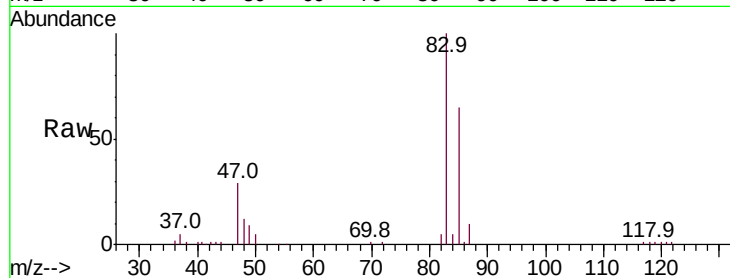




#25
Chloroform
Concen: 19.263 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

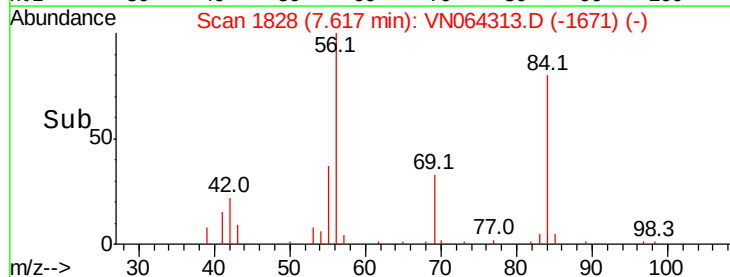
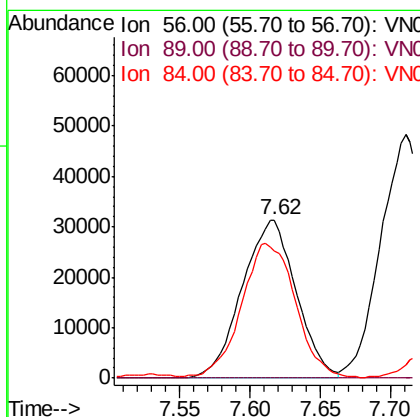
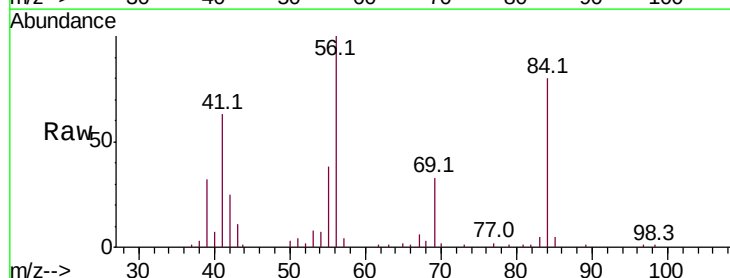
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

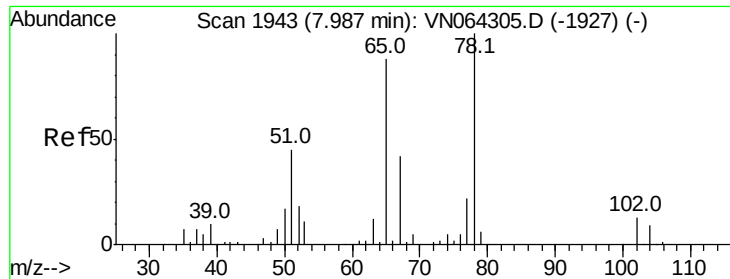
Tot Ion: 83 Resp: 110482
Ion Ratio Lower Upper
83 100
85 64.8 48.6 73.0



#26
Cyclohexane
Concen: 18.411 ug/l
RT: 7.62 min Scan# 1828
Delta R.T. 0.01 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 56 Resp: 83848
Ion Ratio Lower Upper
56 100
89 0.1 1.0 1.6#
84 85.7 67.5 101.3

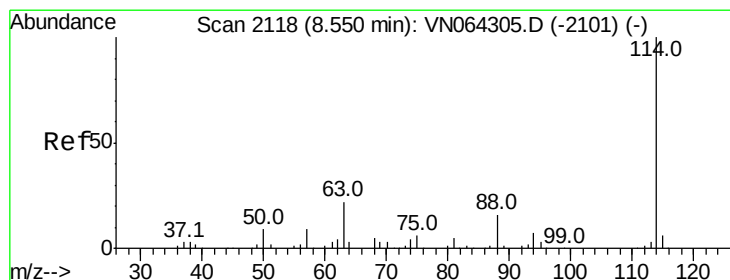
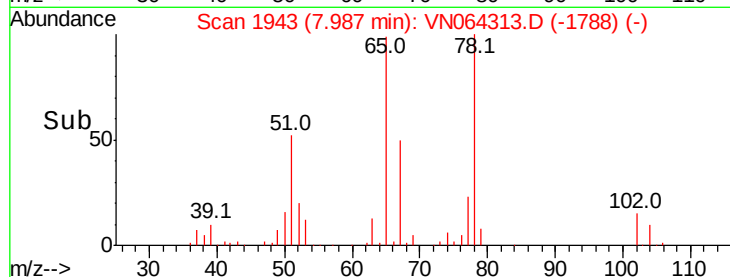
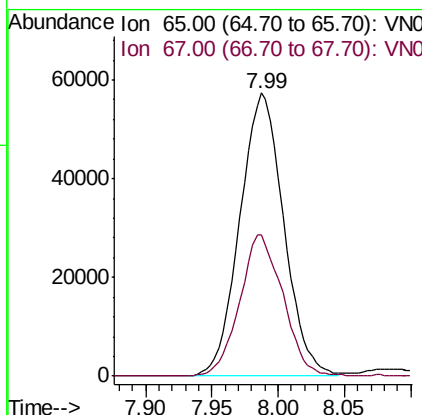
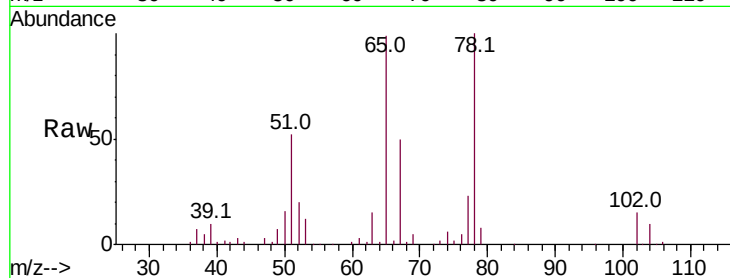




#27
 1,2-Dichloroethane-d4
 Concen: 31.939 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

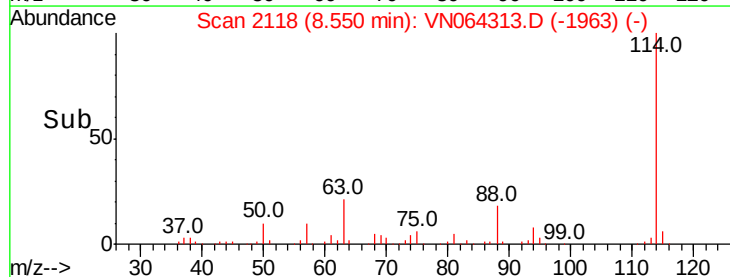
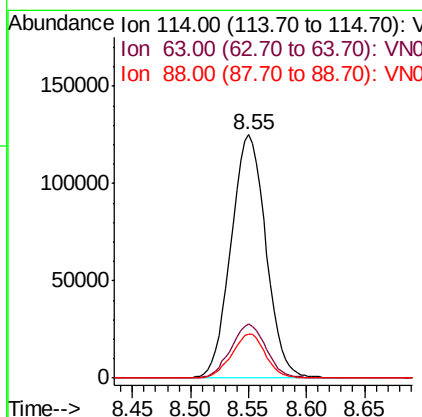
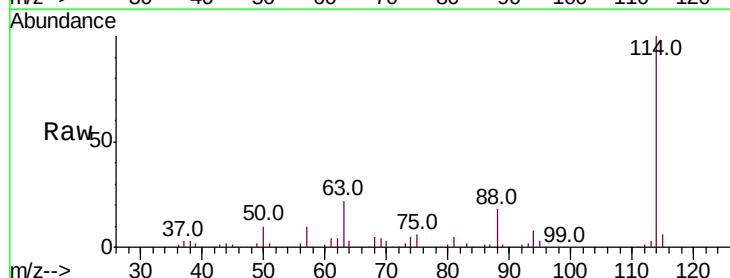
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

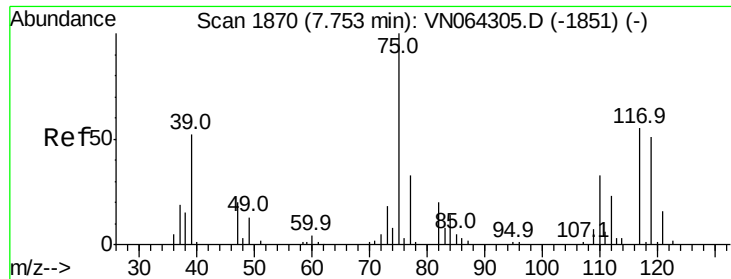
Tot Ion: 65 Resp: 132074
 Ion Ratio Lower Upper
 65 100
 67 49.0 38.5 57.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion:114 Resp: 261172
 Ion Ratio Lower Upper
 114 100
 63 22.5 18.3 27.5
 88 17.6 13.2 19.8

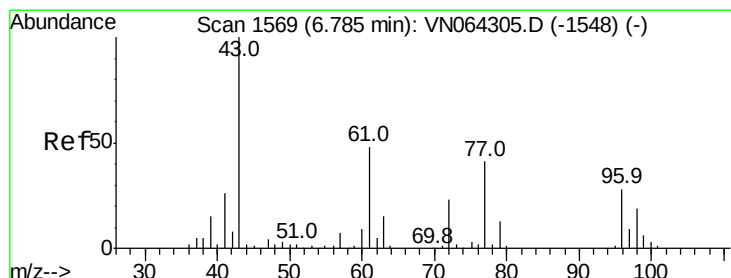
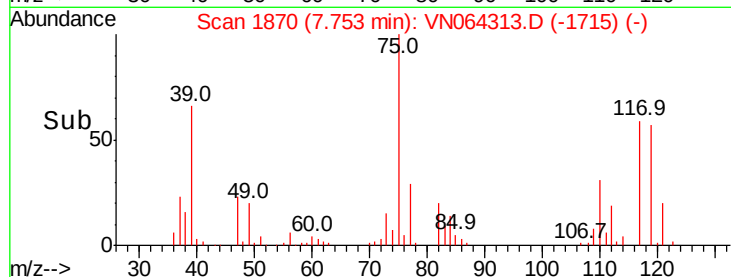
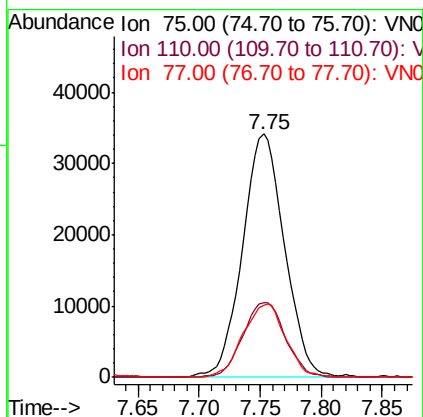
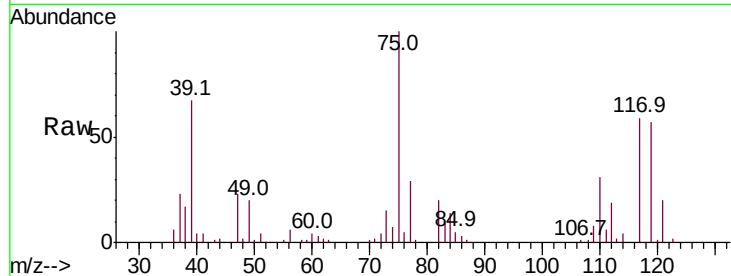




#29
 1,1-Dichloropropene
 Concen: 18.049 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

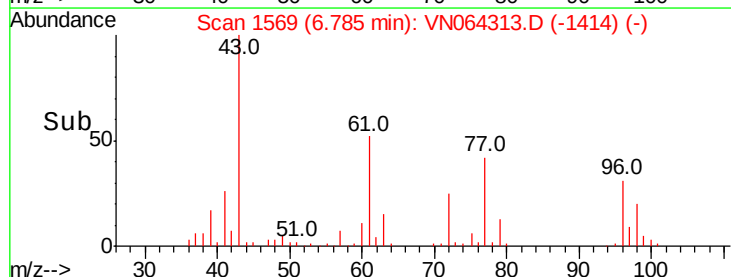
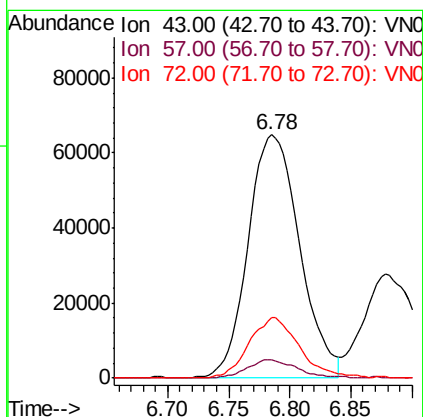
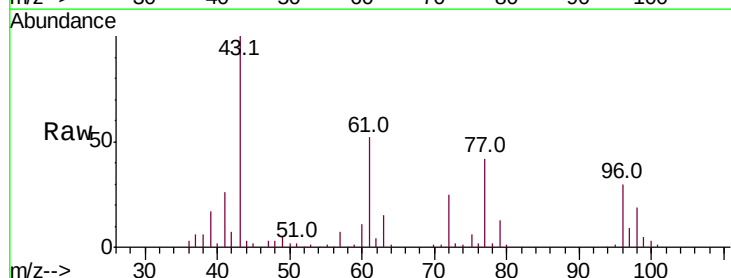
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

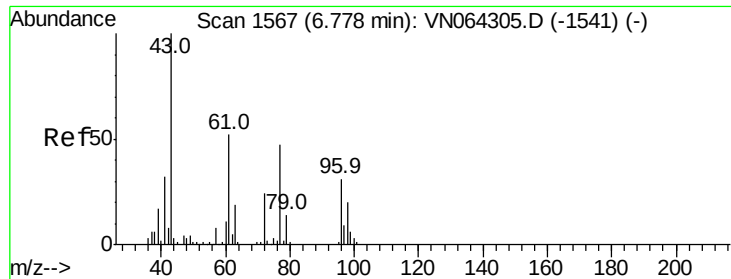
Tot Ion: 75 Resp: 81151
 Ion Ratio Lower Upper
 75 100
 110 31.1 0.0 64.4
 77 30.7 0.0 63.6



#30
 2-Butanone
 Concen: 89.272 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion: 43 Resp: 189129
 Ion Ratio Lower Upper
 43 100
 57 7.2 4.1 6.1#
 72 24.5 19.0 28.6





#31

2,2-Dichloropropane

Concen: 17.103 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

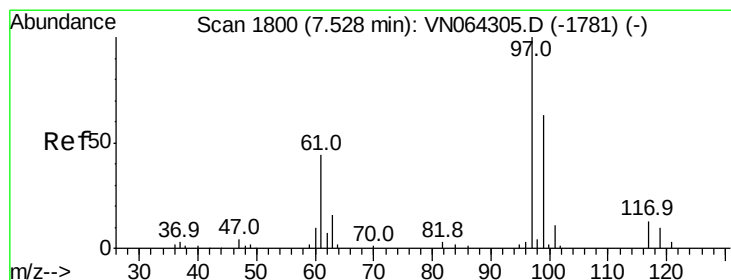
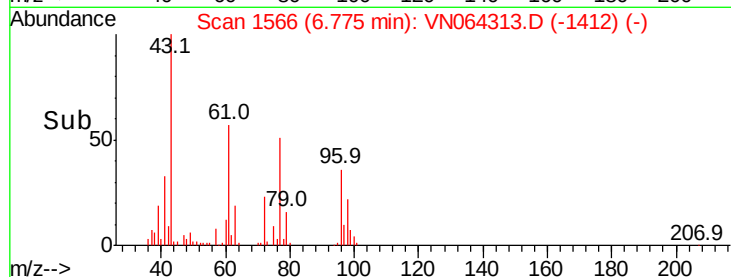
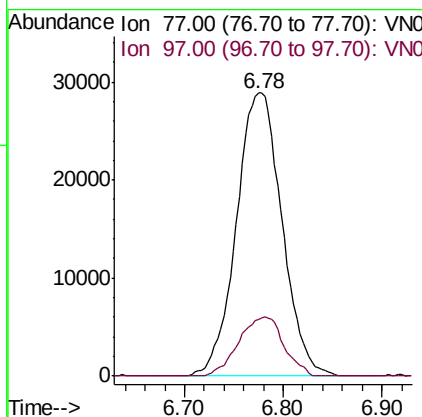
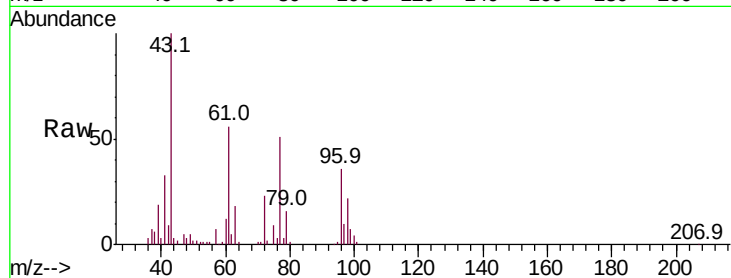
Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion: 77 Resp: 92374

Ion	Ratio	Lower	Upper
77	100		
97	20.6	5.8	8.8#



#32

1,1,1-Trichloroethane

Concen: 18.903 ug/l

RT: 7.53 min Scan# 1800

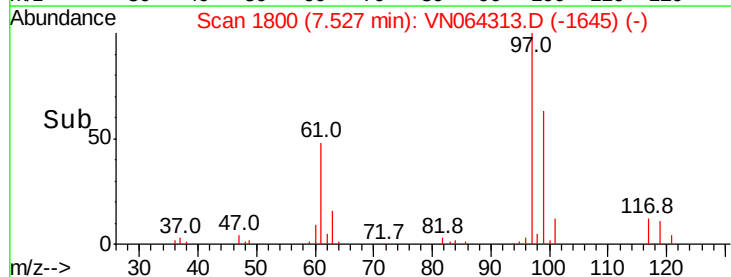
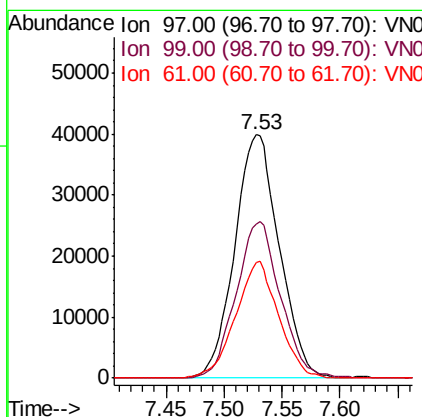
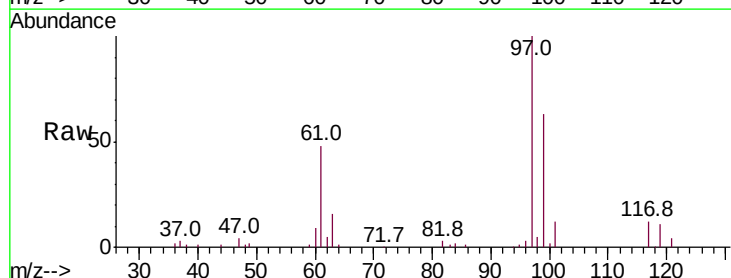
Delta R.T. -0.00 min

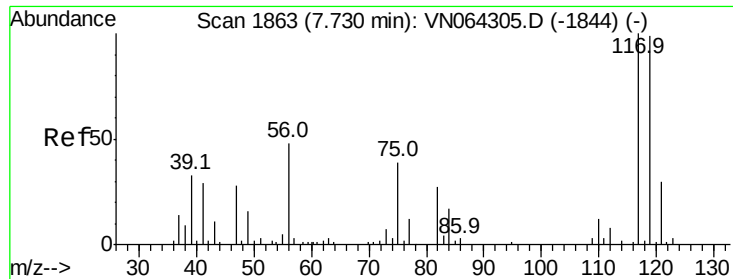
Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Tgt Ion: 97 Resp: 106391

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.6	77.4
61	46.2	36.4	54.6

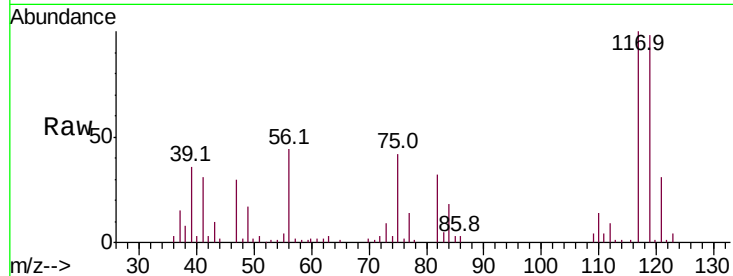




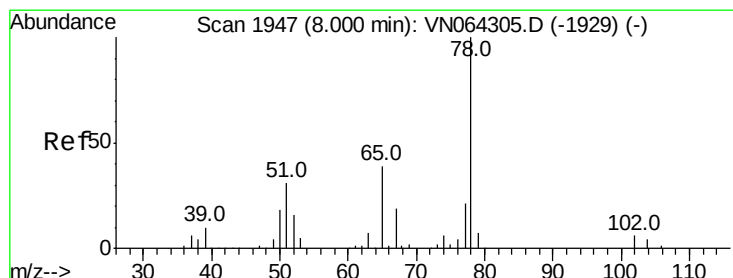
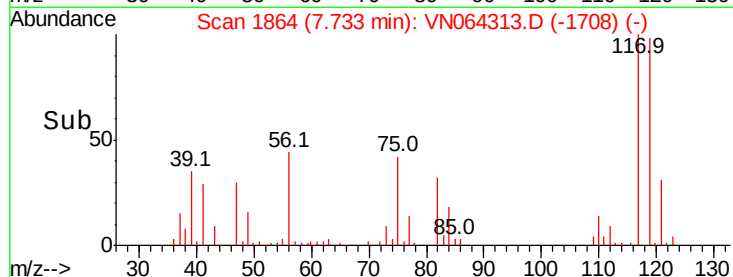
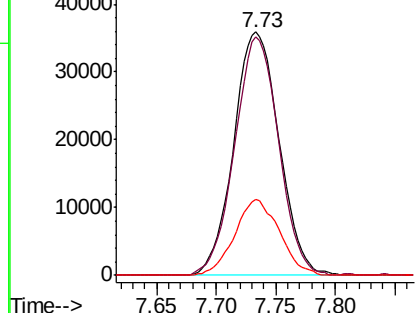
#33
Carbon Tetrachloride
Concen: 18.413 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion:117 Resp: 94821
Ion Ratio Lower Upper
117 100
119 98.2 79.3 118.9
121 31.2 24.6 37.0

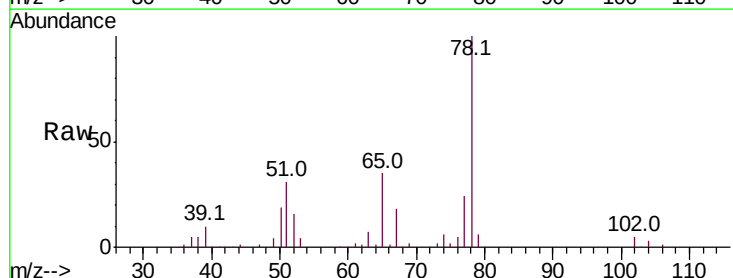


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

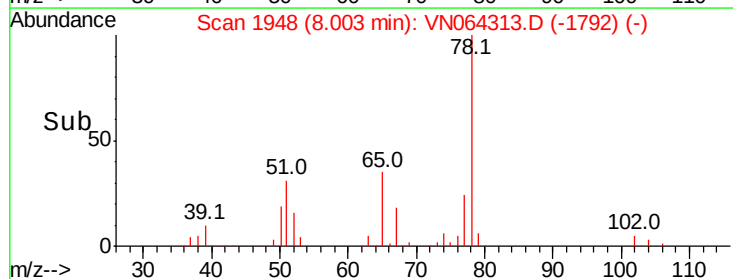
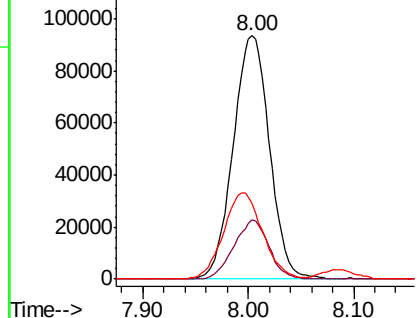


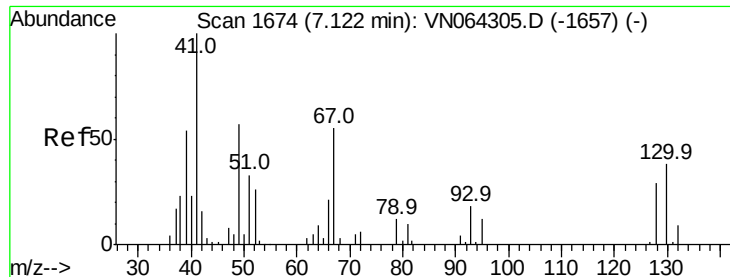
#34
Benzene
Concen: 18.540 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 78 Resp: 223715
Ion Ratio Lower Upper
78 100
77 24.2 16.5 24.7
51 30.5 24.5 36.7



Abundance Ion 78.10 (77.80 to 78.80): V
Ion 77.00 (76.70 to 77.70): V
Ion 51.00 (50.70 to 51.70): V

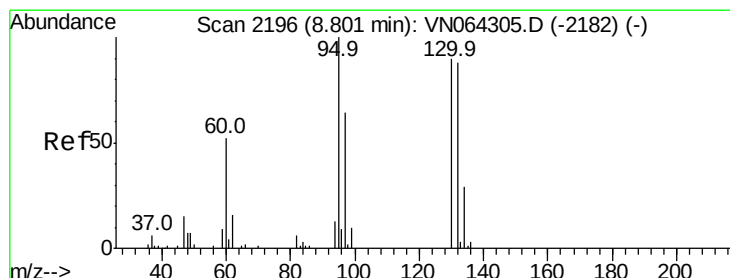
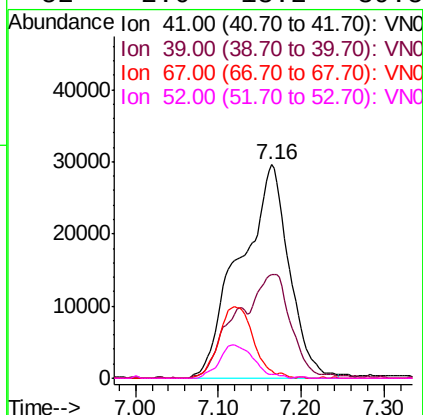
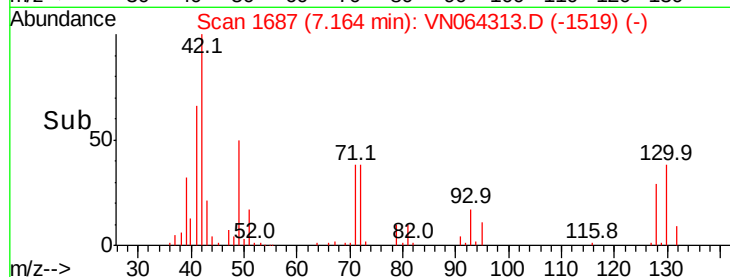
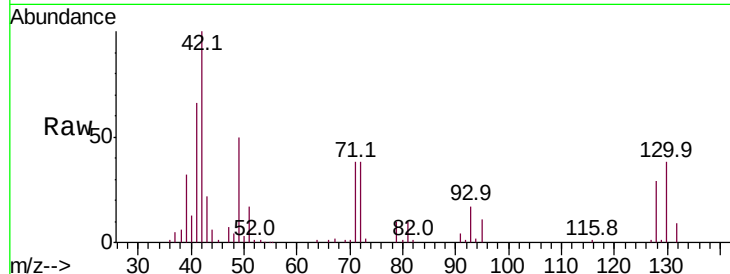




#35
Methacrylonitrile
Concen: 55.035 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

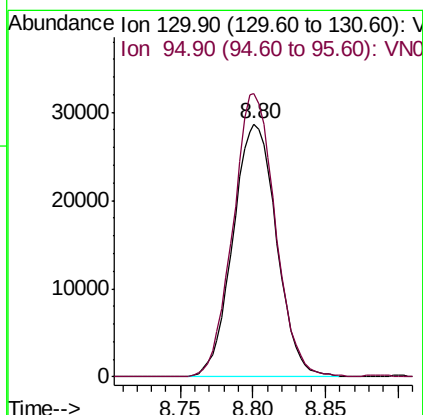
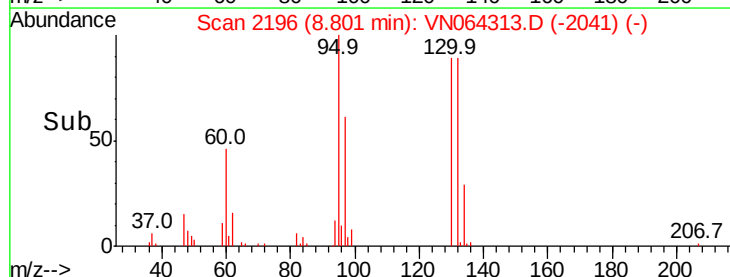
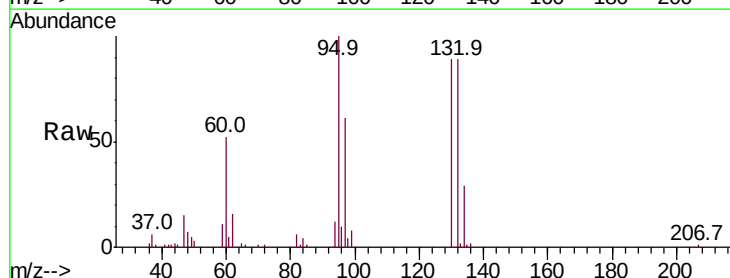
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

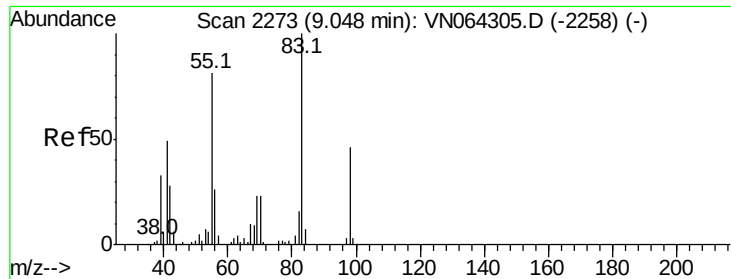
Tot Ion: 41 Resp: 121762
Ion Ratio Lower Upper
41 100
39 48.5 27.1 81.2
67 3.7 27.7 83.1#
52 2.0 13.2 39.5#



#37
Trichloroethene
Concen: 18.193 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:130 Resp: 59878
Ion Ratio Lower Upper
130 100
95 112.0 88.8 133.2

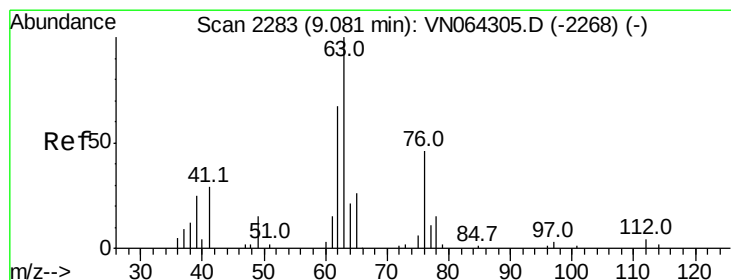
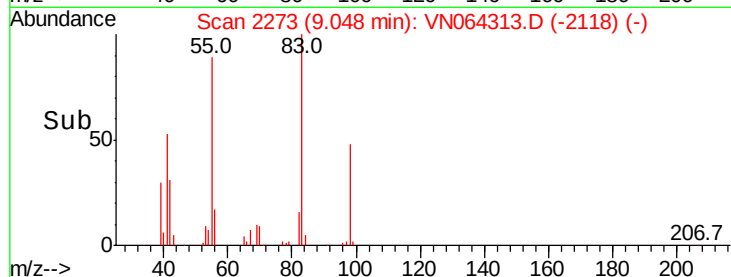
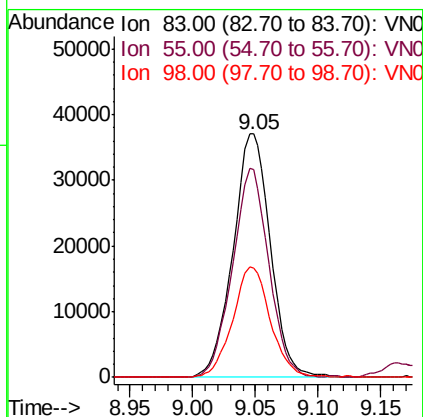
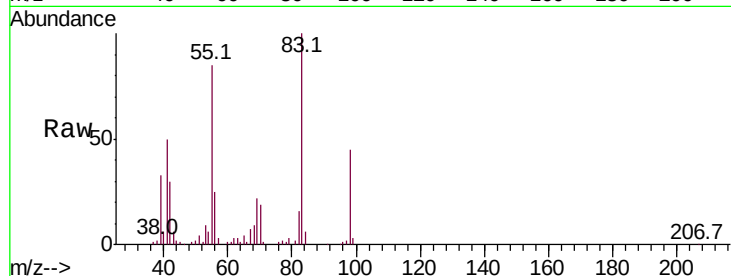




#38
Methylvlcyclohexane
Concen: 17.706 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

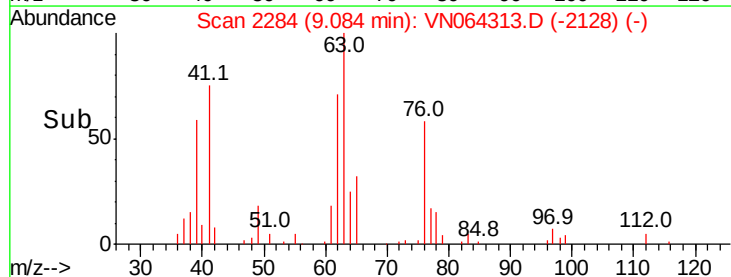
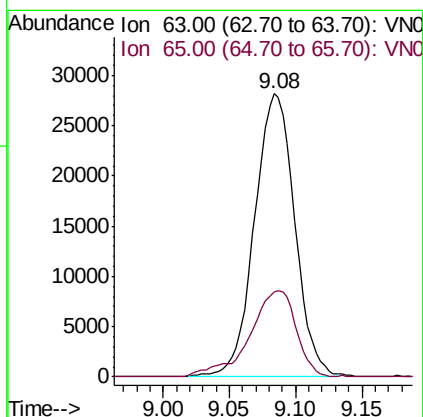
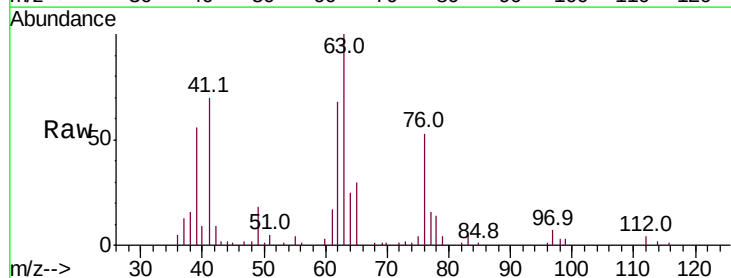
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

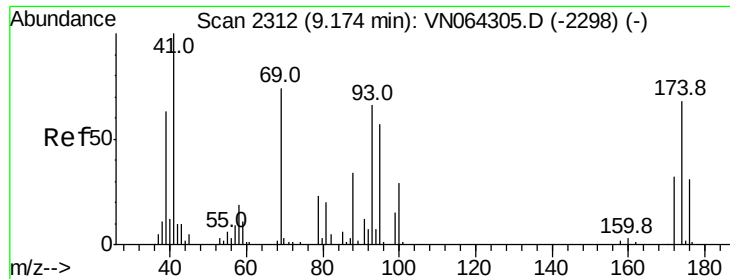
Tot Ion: 83 Resp: 76927
Ion Ratio Lower Upper
83 100
55 82.9 40.3 120.8
98 45.7 22.8 68.3



#39
1,2-Dichloropropane
Concen: 18.360 ug/l
RT: 9.08 min Scan# 2284
Delta R.T. 0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 63 Resp: 59809
Ion Ratio Lower Upper
63 100
65 30.0 22.6 33.8





#40

Dibromomethane

Concen: 18.374 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

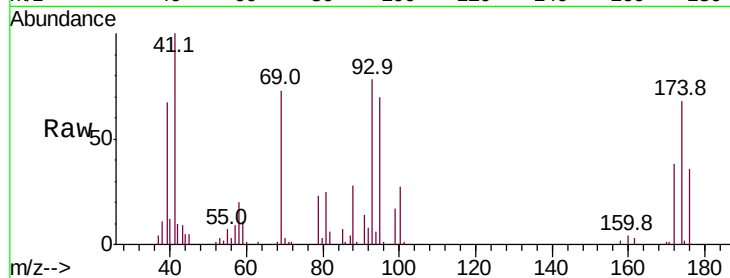
Tot Ion: 93 Resp: 41545

Ion Ratio Lower Upper

93 100

95 84.9 0.0 174.4

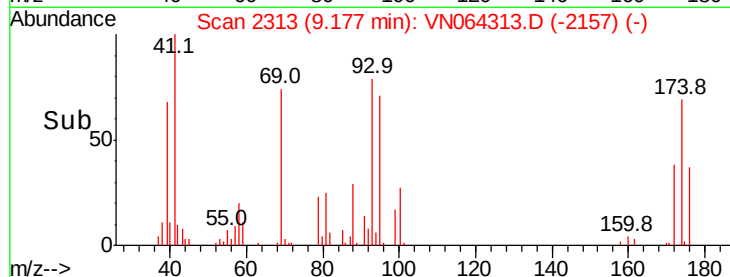
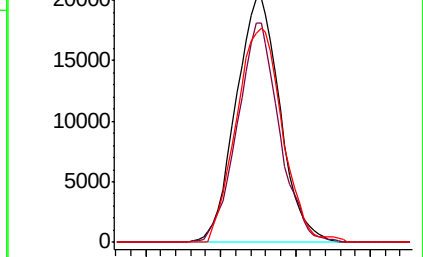
174 90.4 0.0 188.0



Abundance Ion 93.00 (92.70 to 93.70): VN0

Ion 95.00 (94.70 to 95.70): VN0

Ion 174.00 (173.70 to 174.70): V



#41

Bromodichloromethane

Concen: 18.523 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

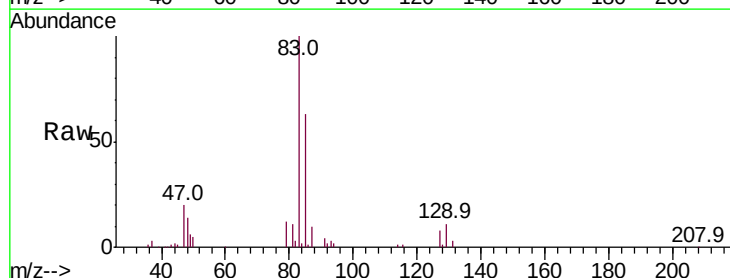
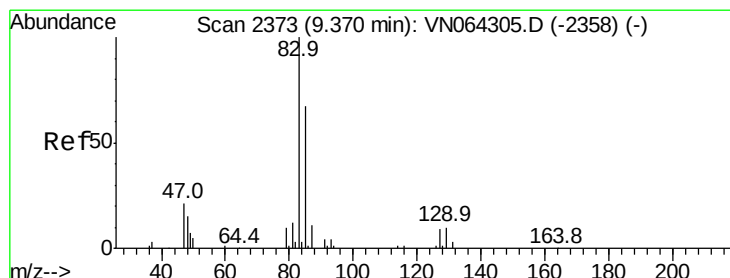
Tgt Ion: 83 Resp: 90453

Ion Ratio Lower Upper

83 100

85 62.8 53.4 80.0

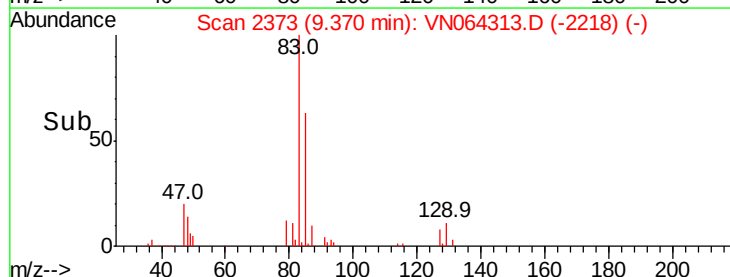
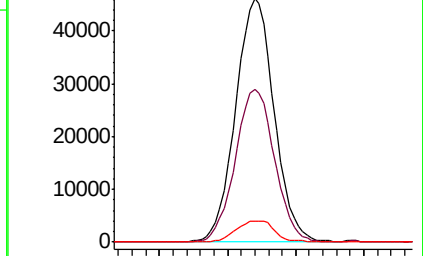
127 8.5 7.0 10.4

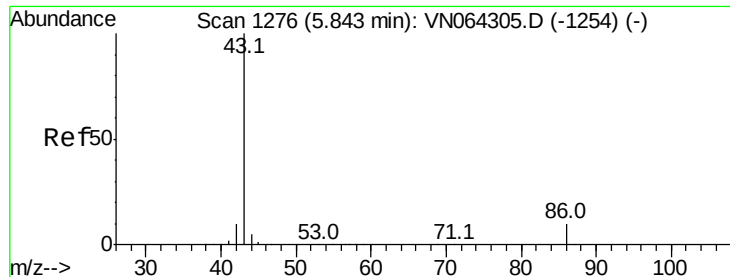


Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 85.00 (84.70 to 85.70): VN0

Ion 127.00 (126.70 to 127.70): V





#42

Vinyl Acetate

Concen: 89.491 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

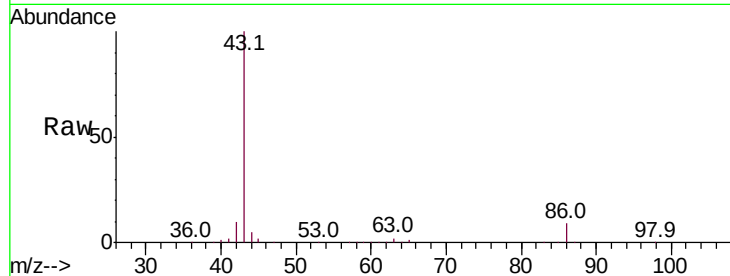
VN1026WBS01

Tot Ion: 43 Resp: 810173

Ion Ratio Lower Upper

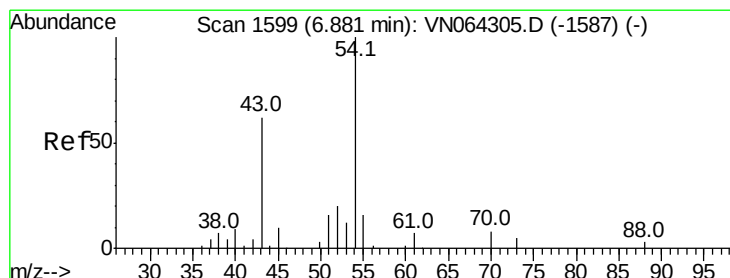
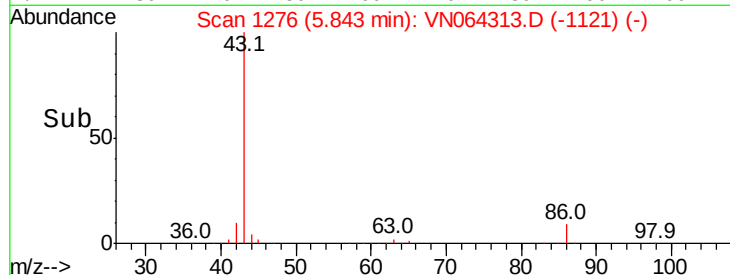
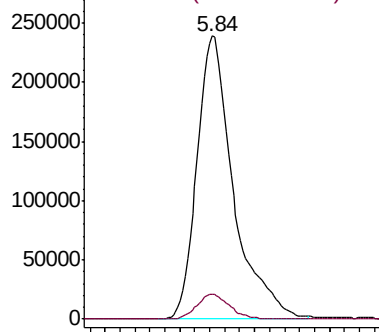
43 100

86 7.9 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#43

Ethyl Acetate

Concen: 19.162 ug/l

RT: 6.88 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VN064313.D

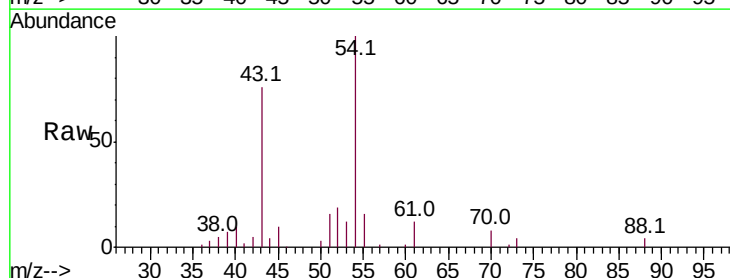
Acq: 26 Oct 2020 20:39

Tgt Ion: 43 Resp: 82750

Ion Ratio Lower Upper

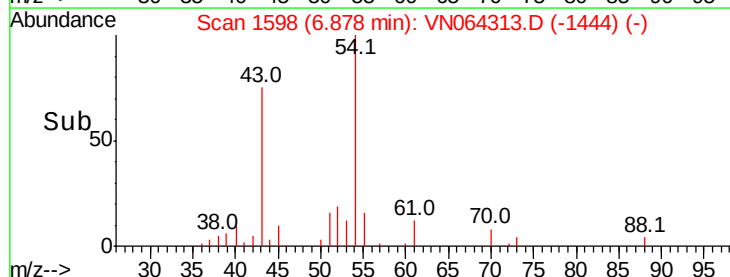
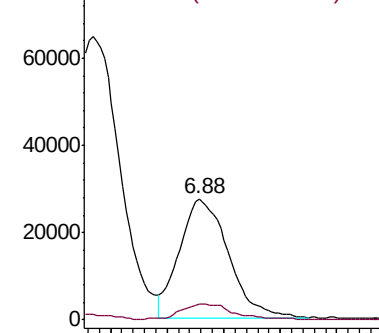
43 100

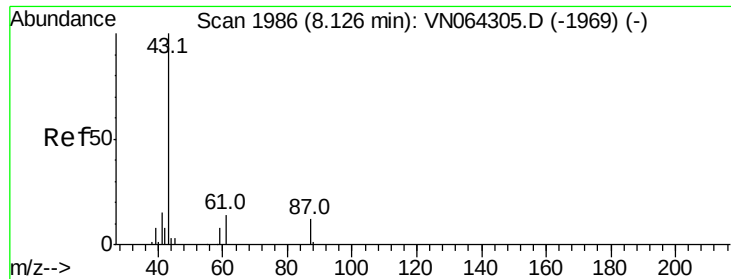
45 8.7 4.0 6.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0





#44

Isopropyl Acetate

Concen: 18.098 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

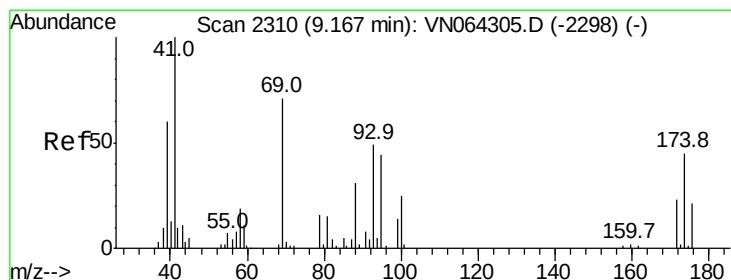
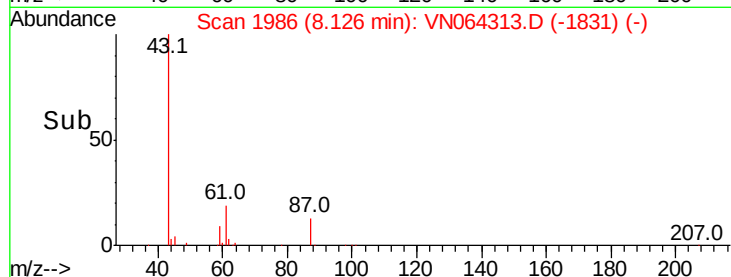
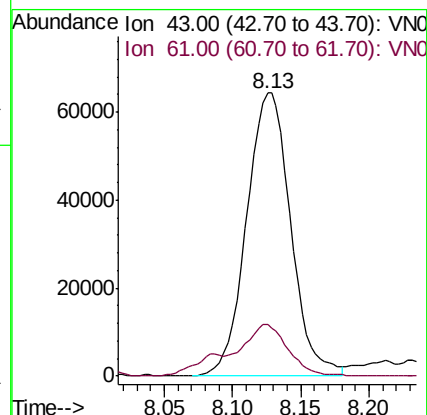
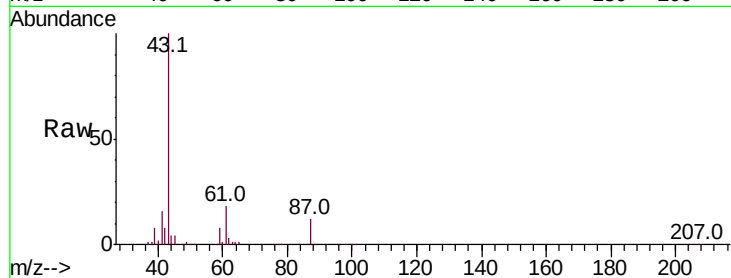
VN1026WBS01

Tot Ion: 43 Resp: 143604

Ion Ratio Lower Upper

43 100

61 16.9 14.3 21.5



#45

1,4-Dioxane

Concen: 365.309 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.01 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

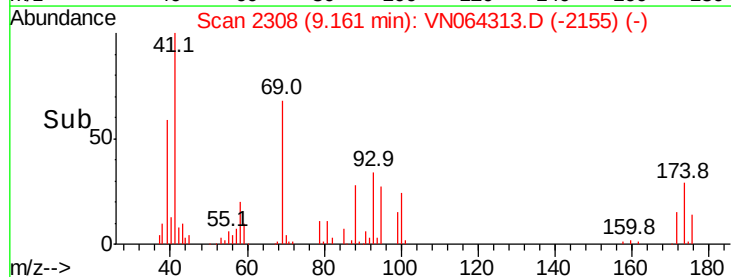
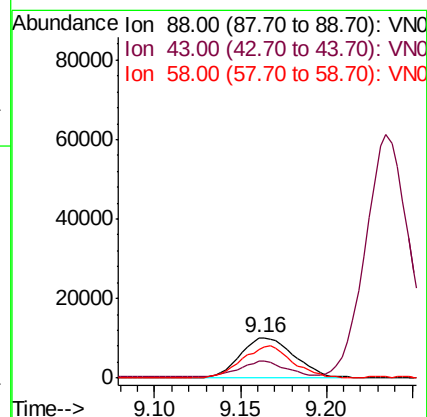
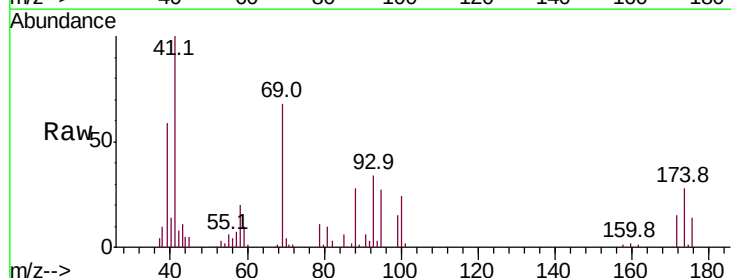
Tgt Ion: 88 Resp: 22355

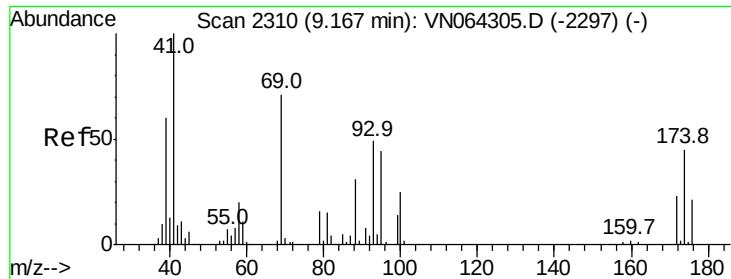
Ion Ratio Lower Upper

88 100

43 33.1 31.2 46.8

58 74.1 55.4 83.2

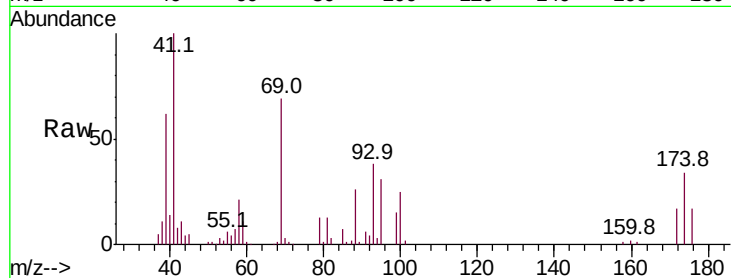




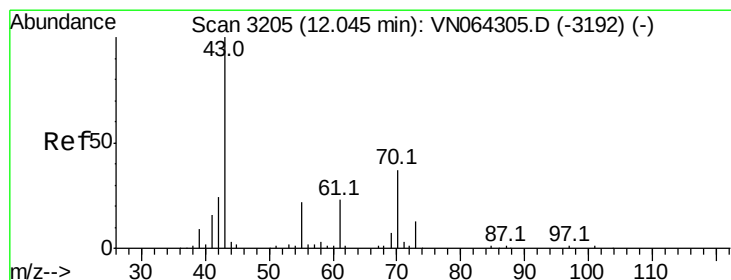
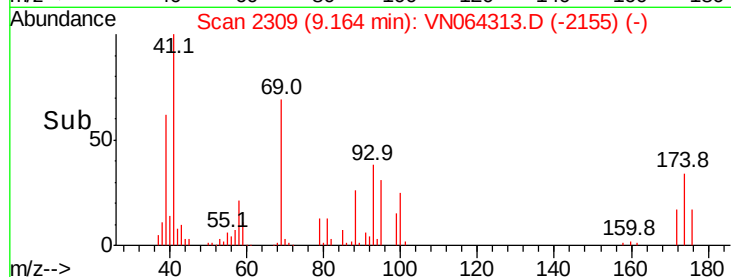
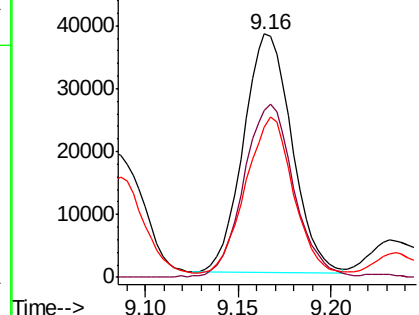
#46
Methvl methacrylate
Concen: 17.869 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampled :
VN1026WBS01

Tot Ion: 41 Resp: 69189
Ion Ratio Lower Upper
41 100
69 69.7 35.3 105.9
39 60.9 30.2 90.6

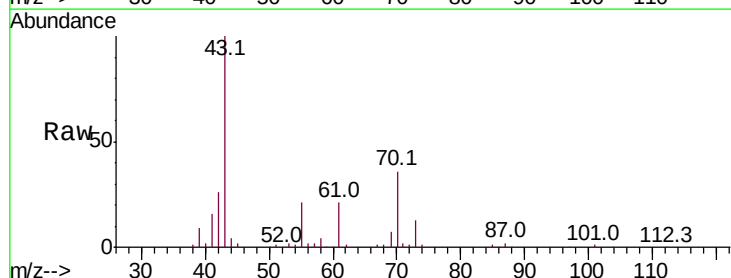


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0

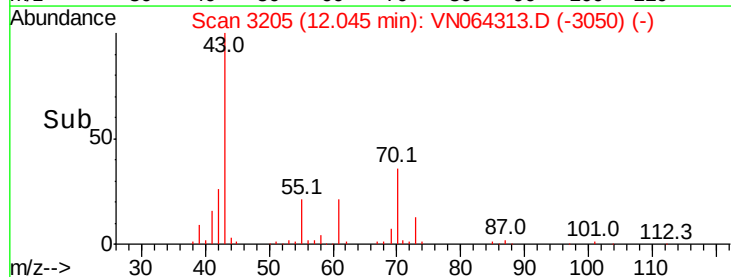
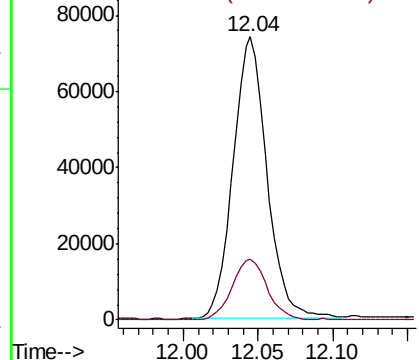


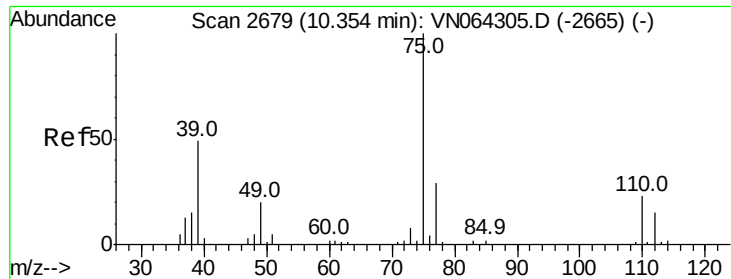
#47
n-amyI Acetate
Concen: 17.470 ug/l
RT: 12.04 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 43 Resp: 116708
Ion Ratio Lower Upper
43 100
55 22.3 17.3 25.9



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: 17.560 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

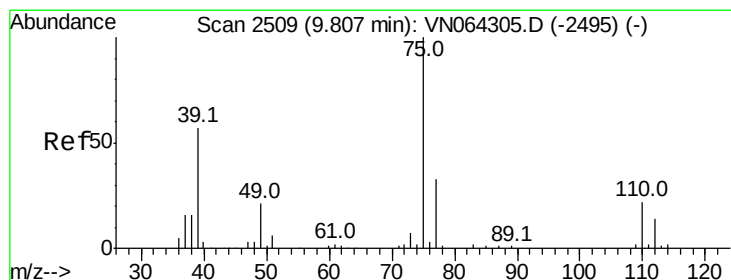
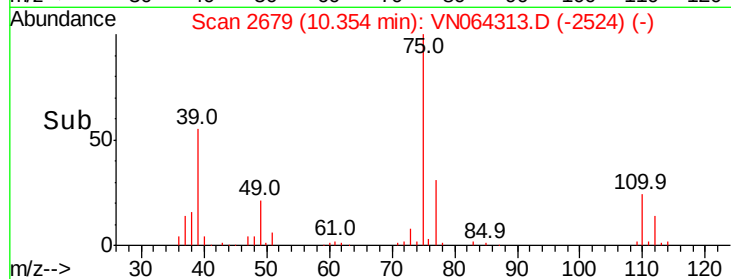
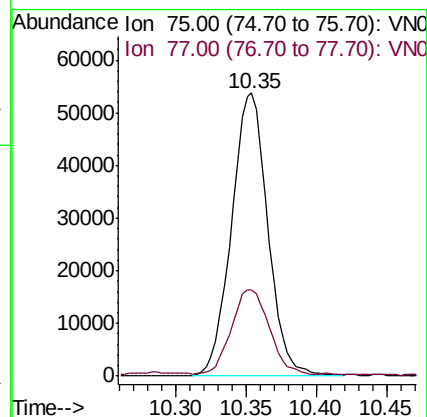
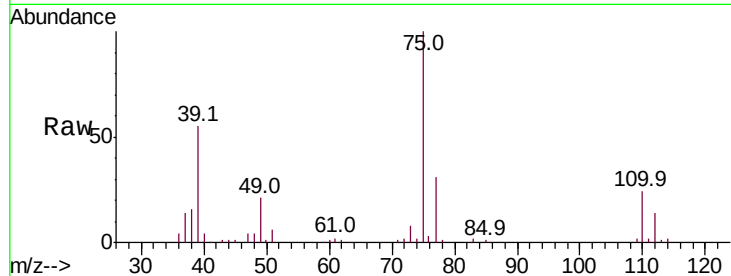
VN1026WBS01

Tot Ion: 75 Resp: 96723

Ion Ratio Lower Upper

75 100

77 30.0 23.7 35.5



#49

cis-1,3-Dichloropropene

Concen: 17.994 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

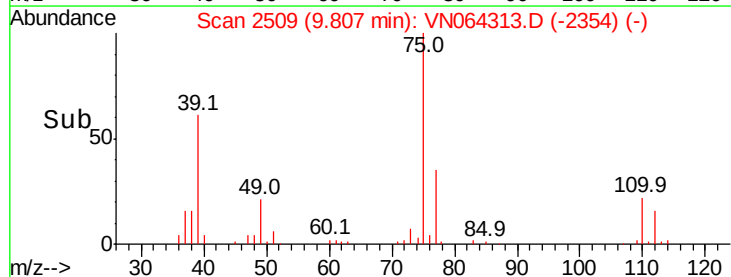
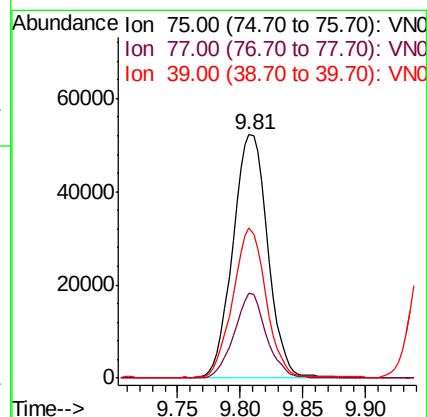
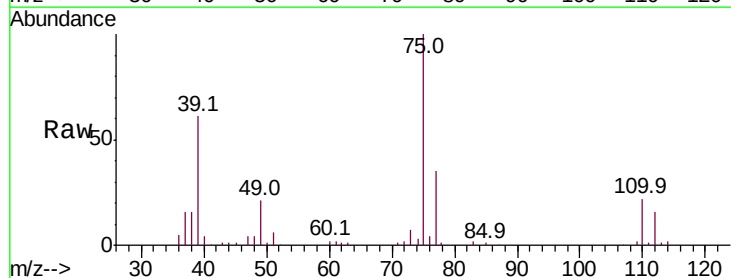
Tgt Ion: 75 Resp: 101005

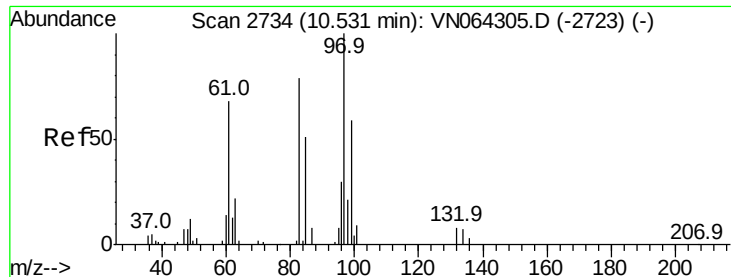
Ion Ratio Lower Upper

75 100

77 34.9 26.7 40.1

39 61.1 45.9 68.9

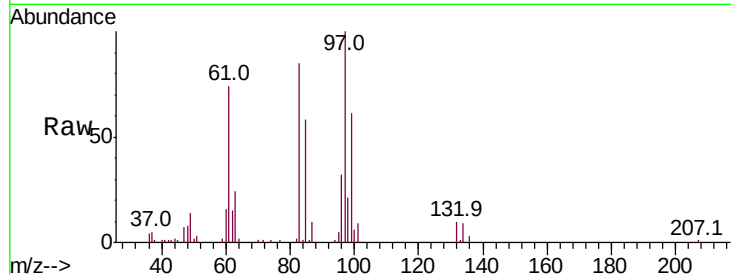




#50
 1,1,2-Trichloroethane
 Concen: 17.745 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	85.4	63.2	94.8
85	57.9	41.0	61.6
99	60.7	47.4	71.0

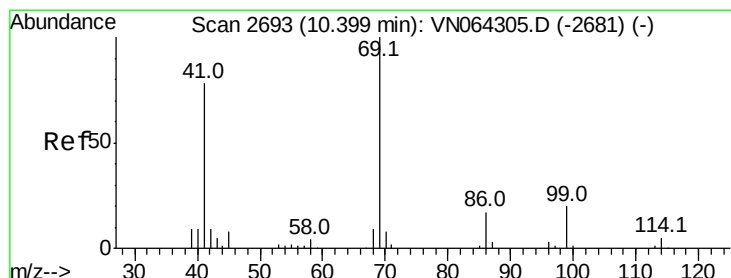
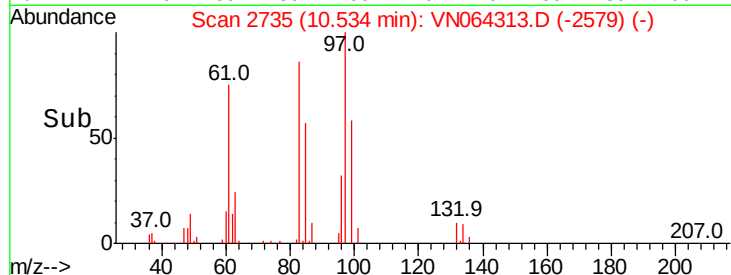
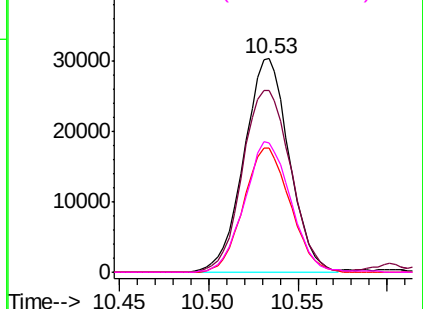


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 82.95 (82.65 to 83.65): VN0

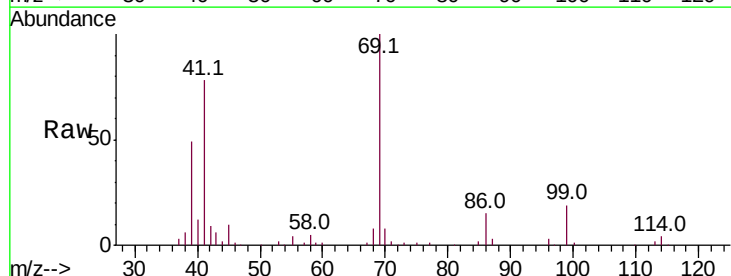
Ion 84.95 (84.65 to 85.65): VN0

Ion 98.95 (98.65 to 99.65): VN0



#51
 Ethyl methacrylate
 Concen: 17.487 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

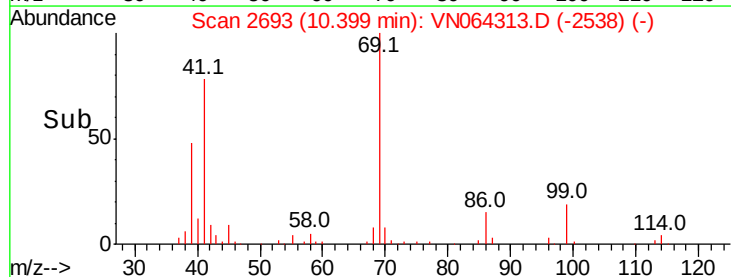
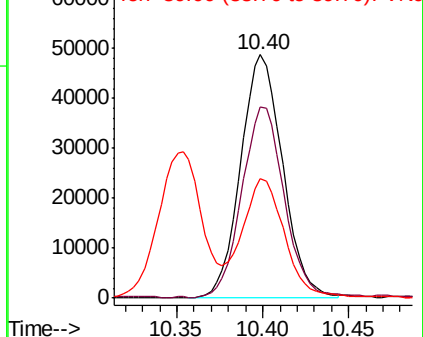
Tgt Ion	Ratio	Lower	Upper
69	100		
41	78.0	38.8	116.4
39	47.5	24.6	74.0

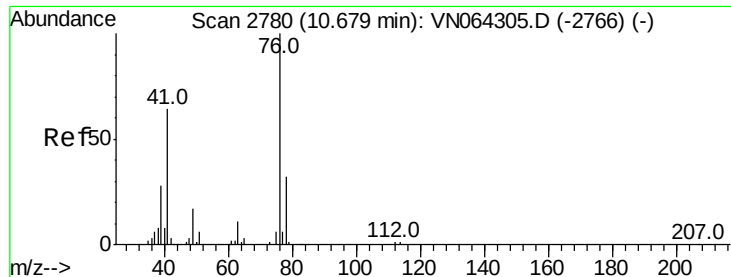


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#52

1,3-Dichloropropane

Concen: 18.089 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

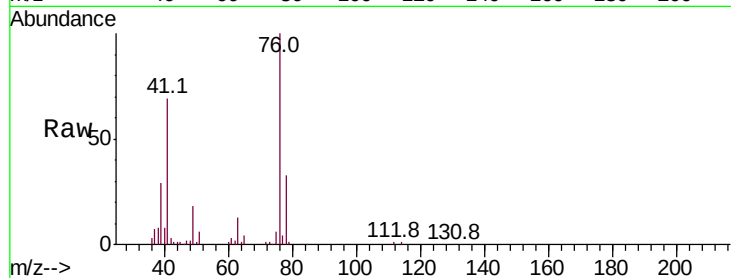
VN1026WBS01

Tot Ion: 76 Resp: 96422

Ion Ratio Lower Upper

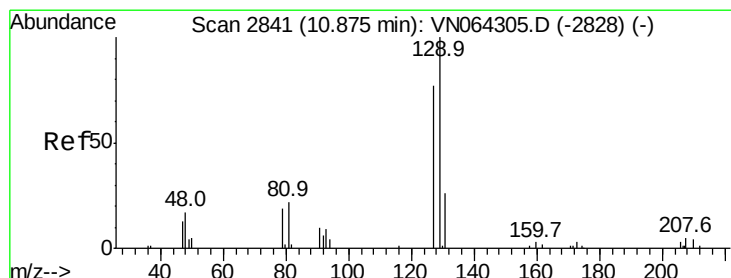
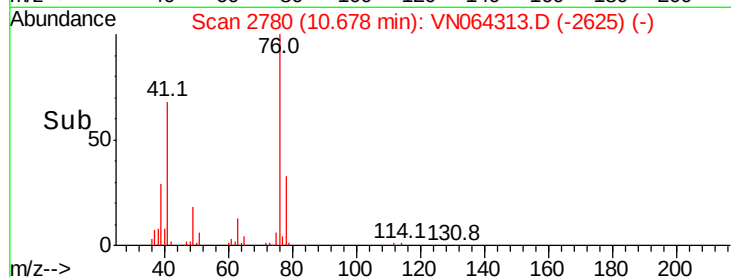
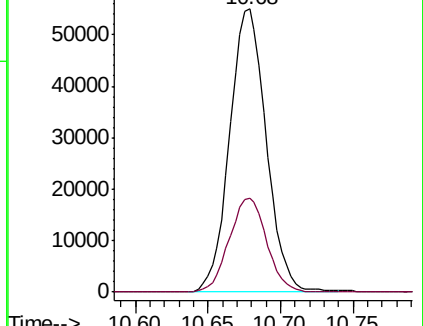
76 100

78 34.1 0.0 61.6



Abundance Ion 76.00 (75.70 to 76.70): VN064305.D (-2766) (-)

Ion 78.00 (77.70 to 78.70): VN064305.D (-2766) (-)



#53

Dibromochloromethane

Concen: 18.067 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VN064313.D

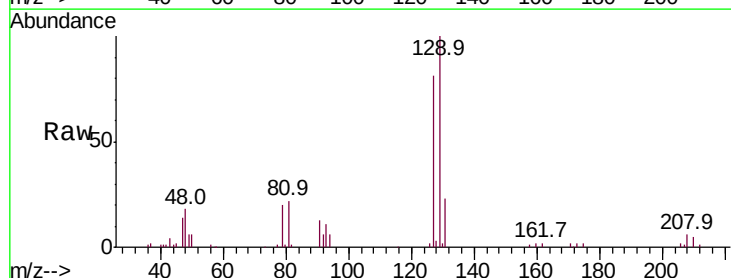
Acq: 26 Oct 2020 20:39

Tgt Ion: 129 Resp: 66983

Ion Ratio Lower Upper

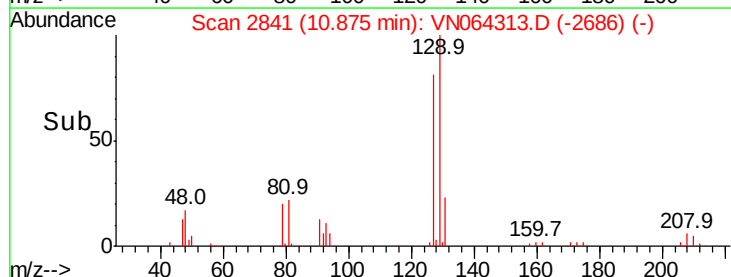
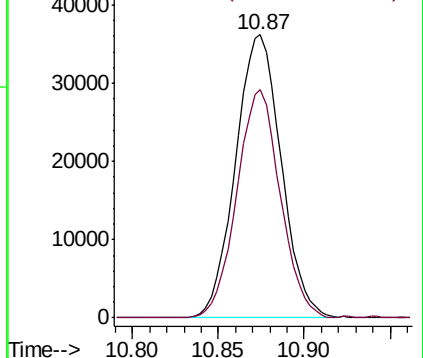
129 100

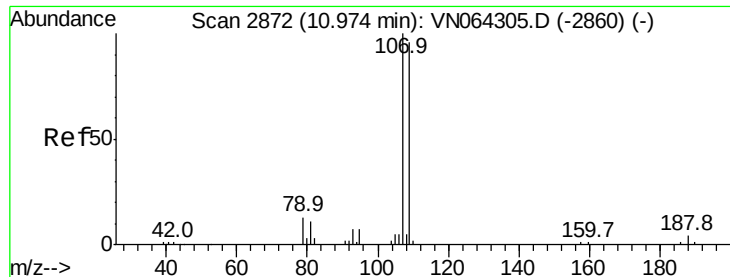
127 76.6 38.9 116.7



Abundance Ion 129.00 (128.70 to 129.70): VN064305.D (-2828) (-)

Ion 127.00 (126.70 to 127.70): VN064305.D (-2828) (-)





#54

1,2-Dibromoethane

Concen: 18.794 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

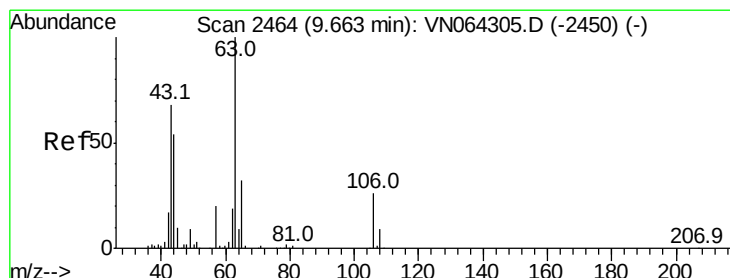
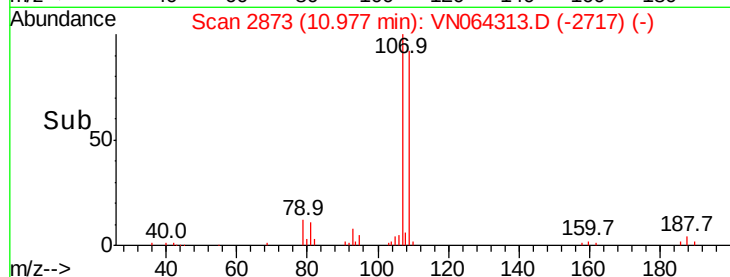
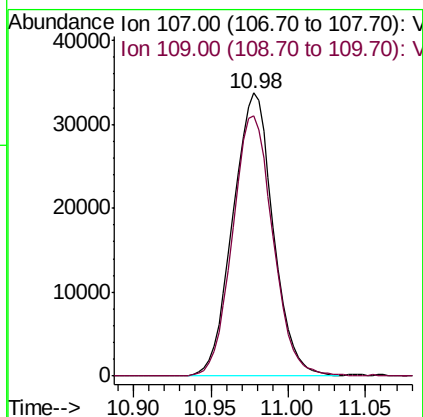
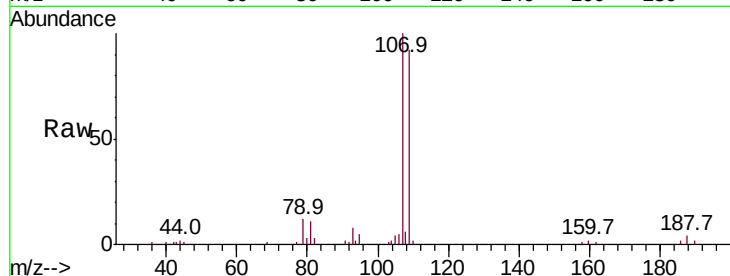
VN1026WBS01

Tot Ion:107 Resp: 60943

Ion Ratio Lower Upper

107 100

109 92.4 74.8 112.2



#55

2-Chloroethyl vinyl ether

Concen: 92.779 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

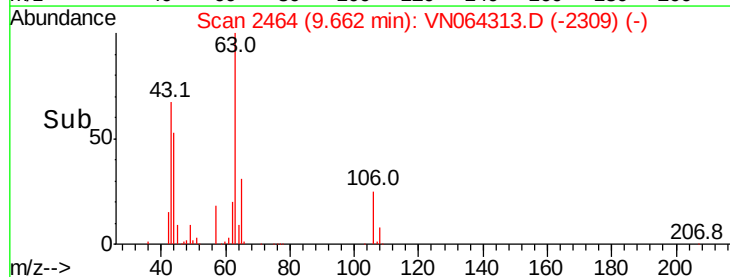
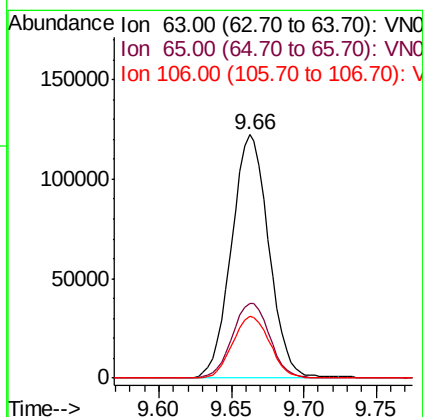
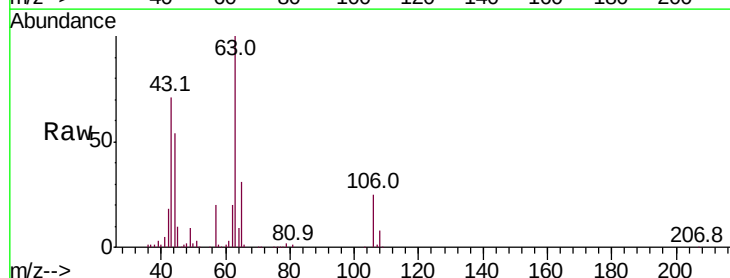
Tgt Ion: 63 Resp: 218885

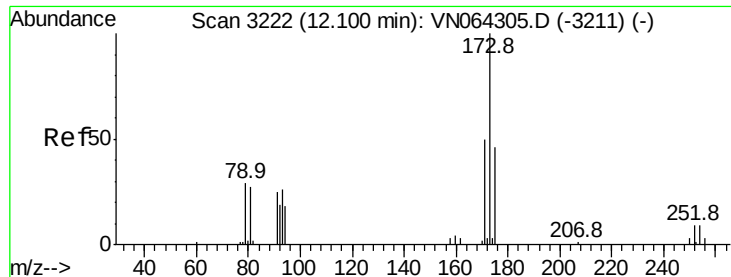
Ion Ratio Lower Upper

63 100

65 30.8 25.6 38.4

106 25.4 20.7 31.1

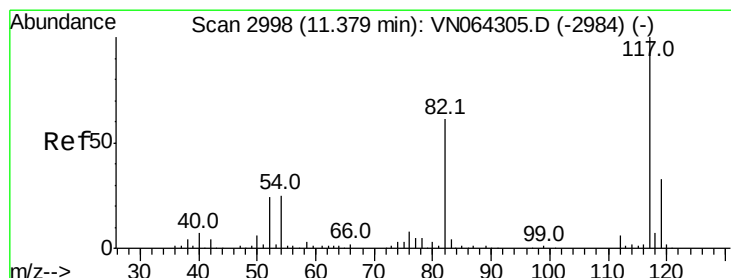
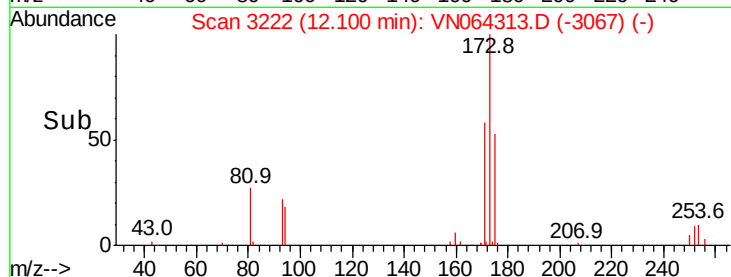
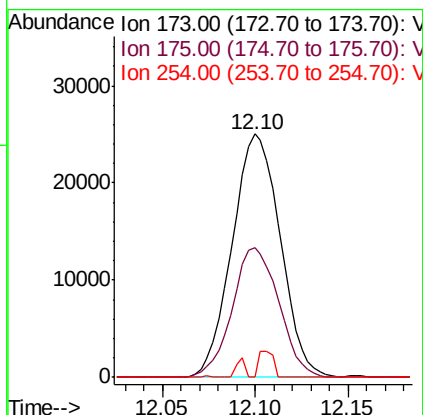
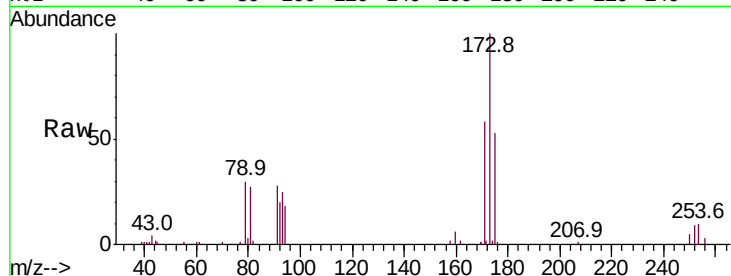




#56
Bromoform
Concen: 16.987 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

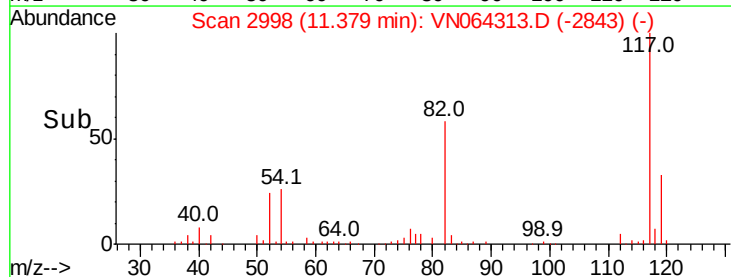
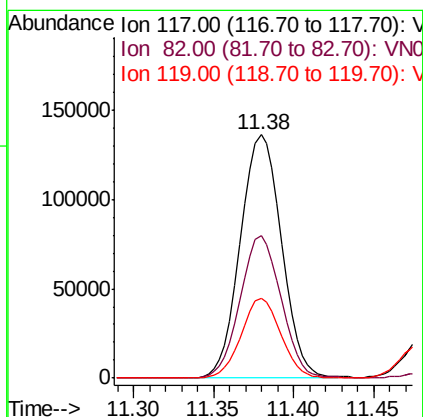
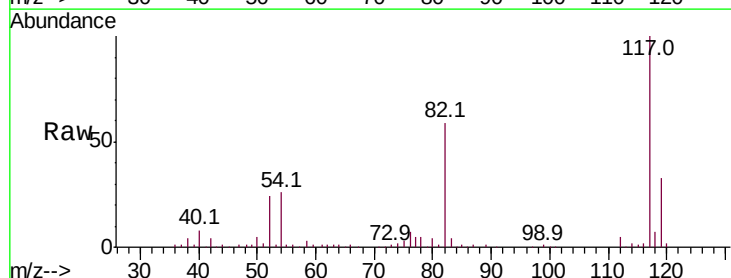
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

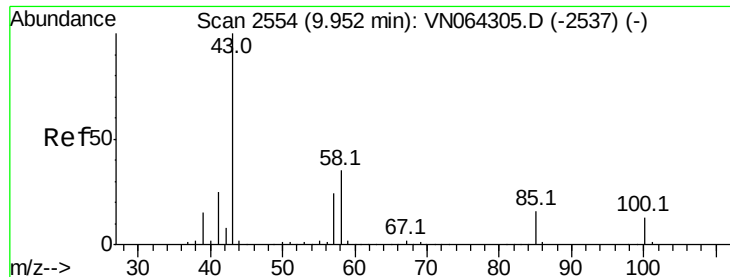
Tot Ion:173 Resp: 45152
Ion Ratio Lower Upper
173 100
175 51.6 37.3 55.9
254 3.3 4.8 7.2#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:117 Resp: 239856
Ion Ratio Lower Upper
117 100
82 58.1 48.7 73.1
119 31.4 25.1 37.7

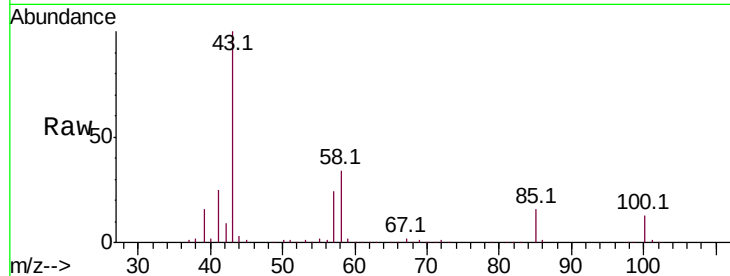




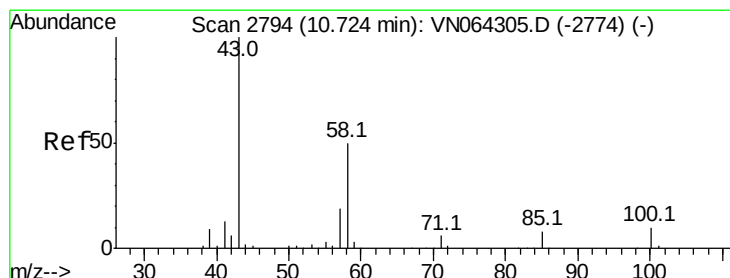
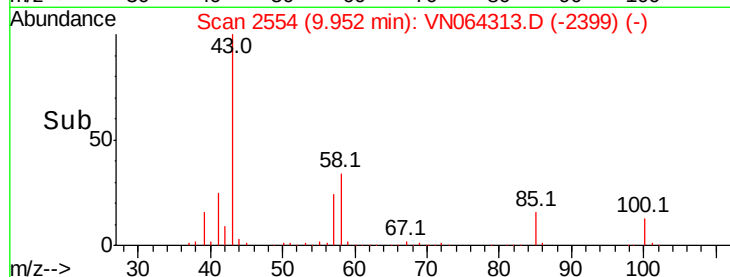
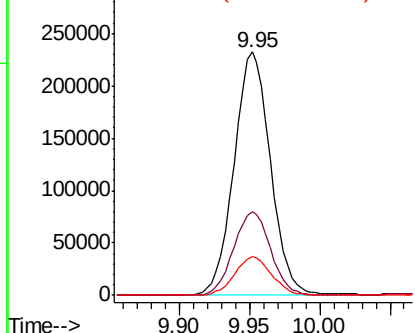
#58
4-Methyl-2-Pentanone
Concen: 94.246 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

Tot Ion: 43 Resp: 418221
Ion Ratio Lower Upper
43 100
58 35.2 28.7 43.1
85 16.3 13.4 20.2

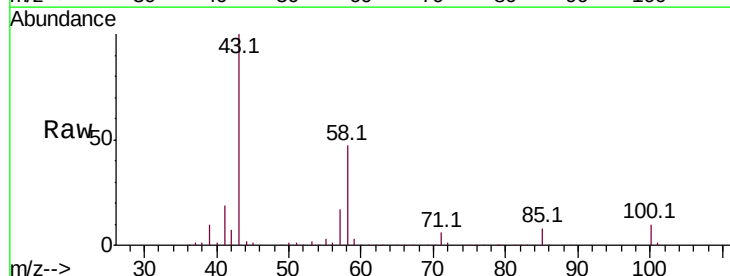


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 85.00 (84.70 to 85.70): VN0

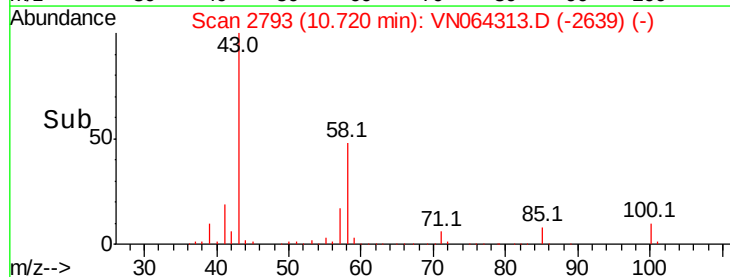
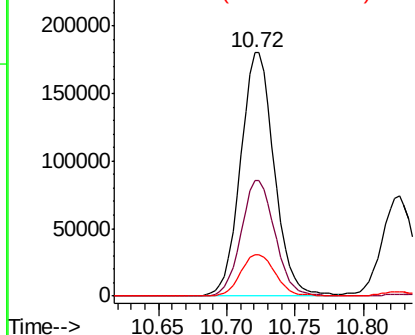


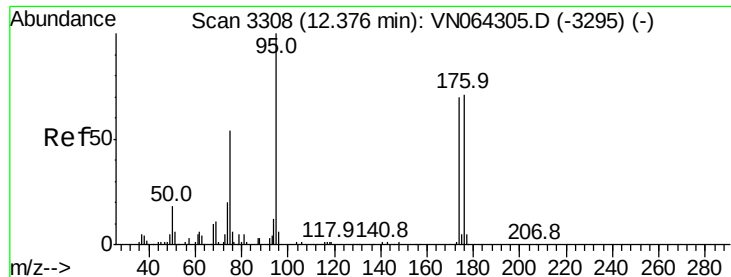
#59
2-Hexanone
Concen: 92.704 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 43 Resp: 307382
Ion Ratio Lower Upper
43 100
58 48.2 39.4 59.2
57 18.0 14.8 22.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0
Ion 57.00 (56.70 to 57.70): VN0

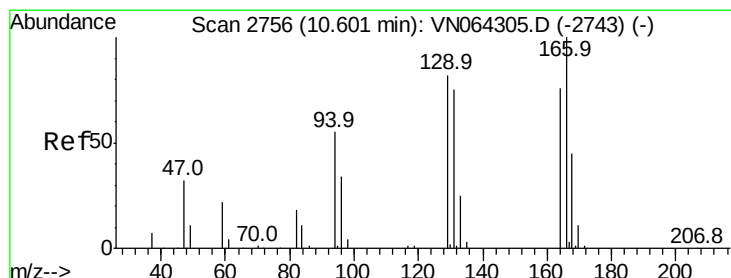
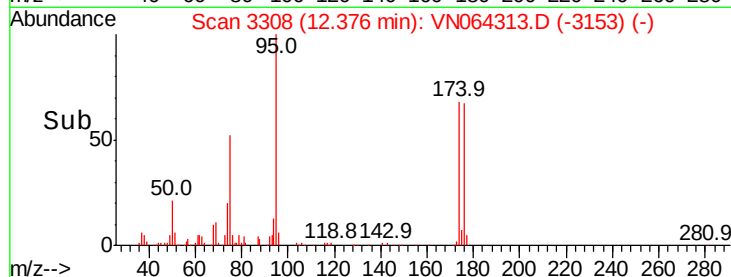
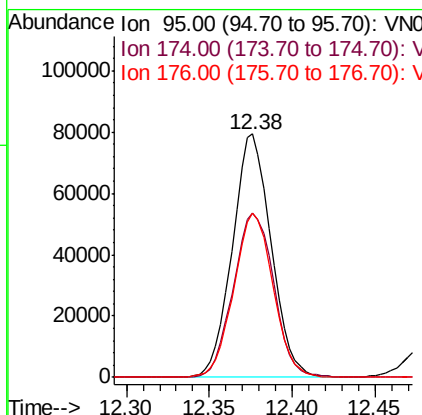
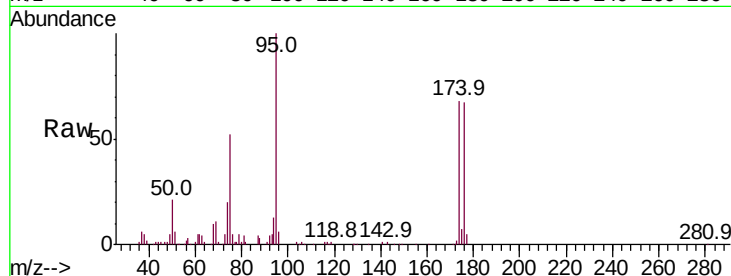




#60
4-Bromofluorobenzene
Concen: 30.144 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

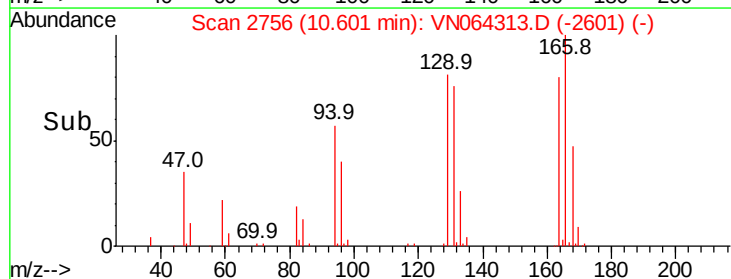
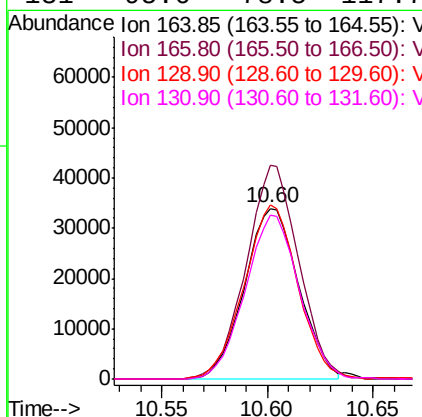
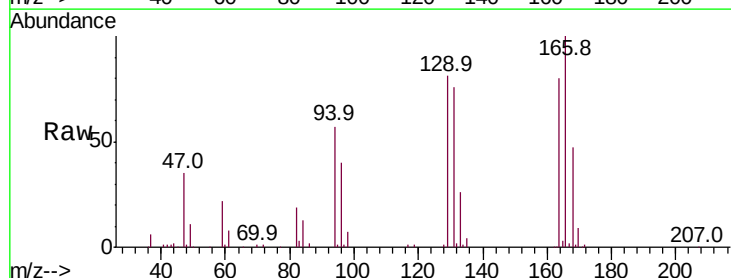
Instrument :
MSVOA_N
ClientSampled :
VN1026WBS01

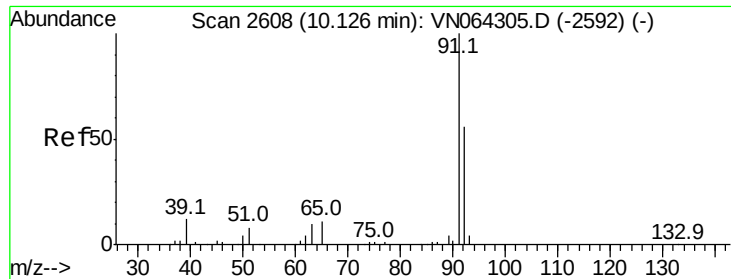
Tot Ion: 95 Resp: 129345
Ion Ratio Lower Upper
95 100
174 70.4 57.6 86.4
176 68.3 55.5 83.3



#61
Tetrachloroethene
Concen: 18.982 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:164 Resp: 60716
Ion Ratio Lower Upper
164 100
166 124.5 105.4 158.0
129 101.3 86.4 129.6
131 95.6 78.5 117.7





#62

Toluene

Concen: 18.394 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

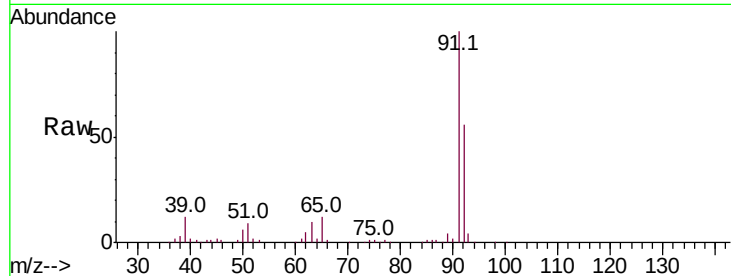
VN1026WBS01

Tot Ion: 91 Resp: 243022

Ion Ratio Lower Upper

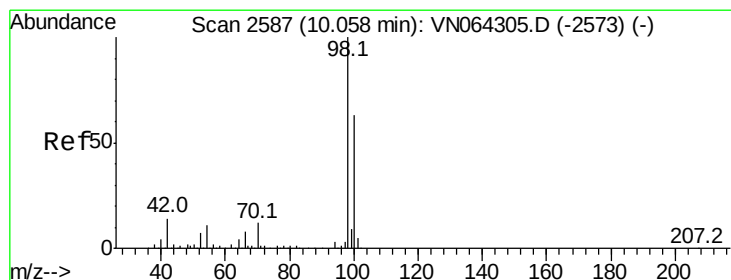
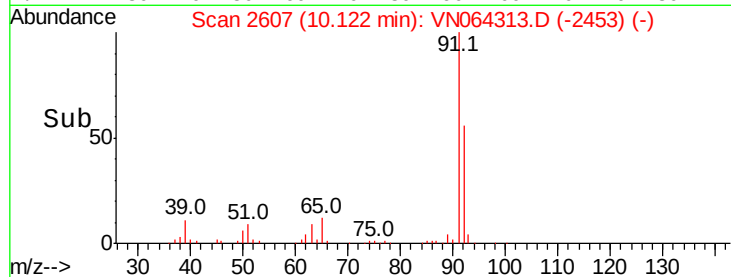
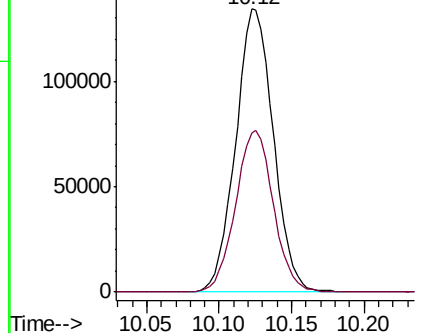
91 100

92 57.3 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN064305.D (-2592) (-)

Ion 92.00 (91.70 to 92.70): VN064305.D (-2592) (-)



#63

Toluene-d8

Concen: 29.623 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064313.D

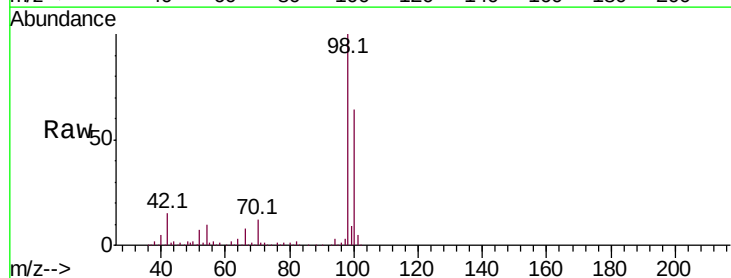
Acq: 26 Oct 2020 20:39

Tgt Ion: 98 Resp: 316867

Ion Ratio Lower Upper

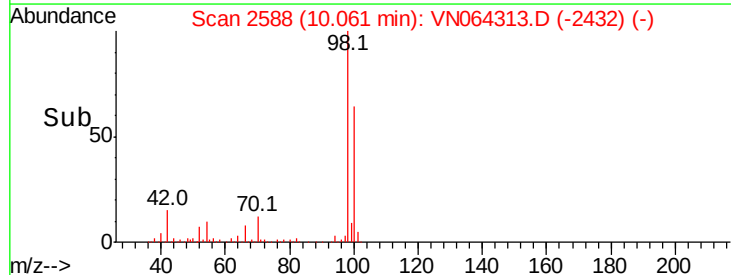
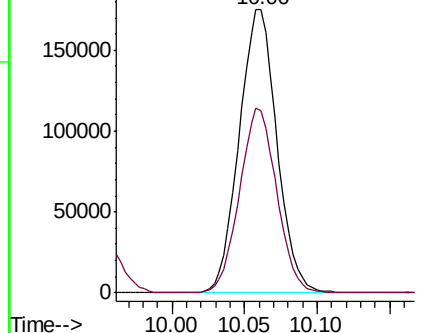
98 100

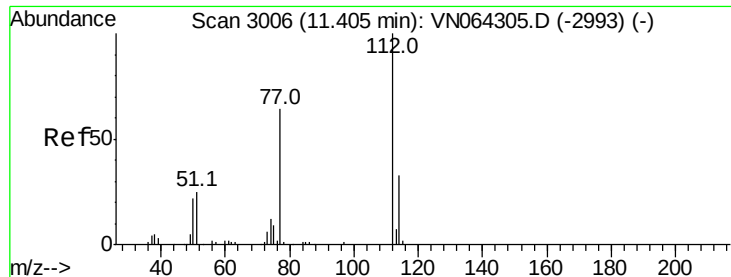
100 64.0 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN064305.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN064305.D (-2573) (-)





#64

Chlorobenzene

Concen: 18.097 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

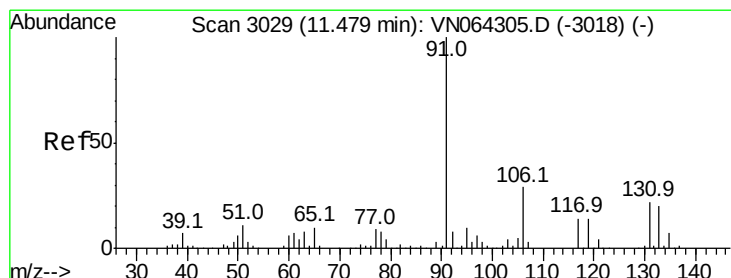
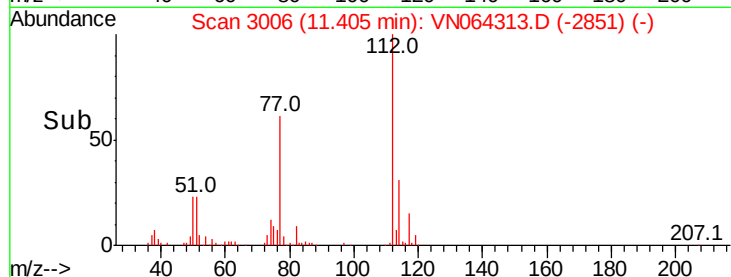
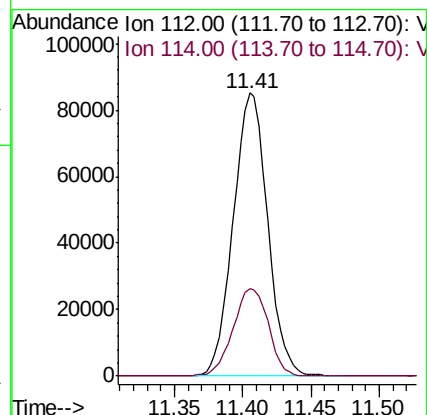
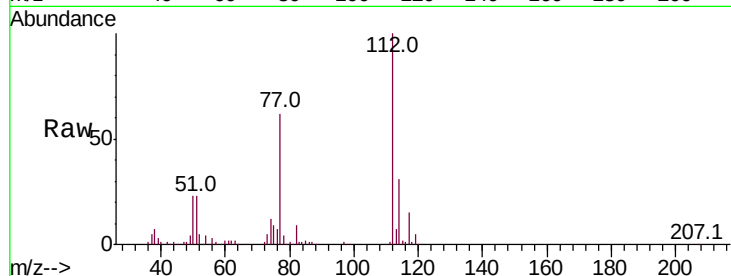
VN1026WBS01

Tot Ion:112 Resp: 149056

Ion Ratio Lower Upper

112 100

114 31.0 26.7 40.1



#65

1,1,1,2-Tetrachloroethane

Concen: 18.109 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

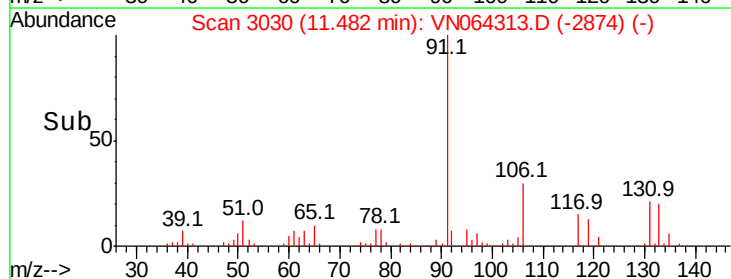
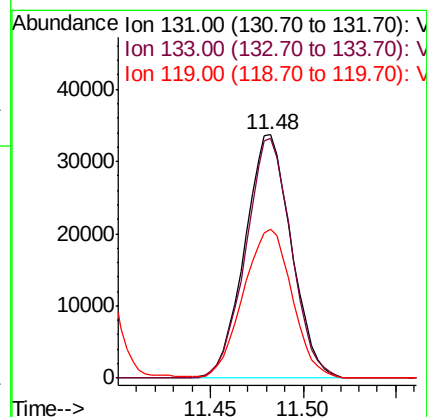
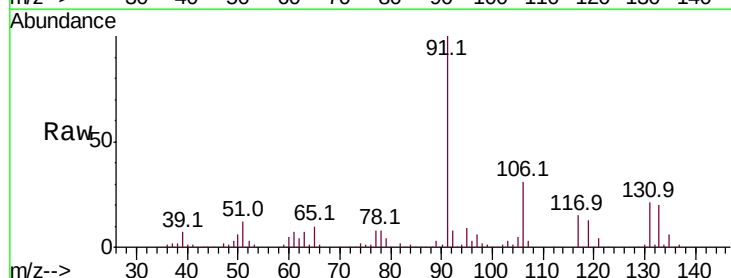
Tgt Ion:131 Resp: 58925

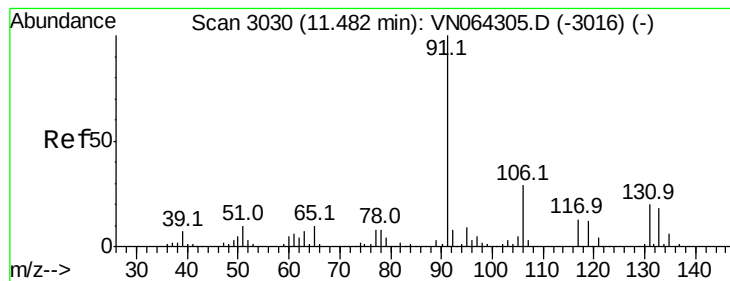
Ion Ratio Lower Upper

131 100

133 96.8 0.0 183.0

119 64.2 0.0 121.6





#66

Ethyl Benzene

Concen: 18.019 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

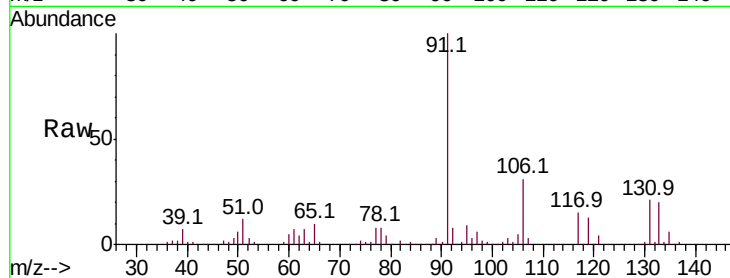
VN1026WBS01

Tot Ion: 91 Resp: 272088

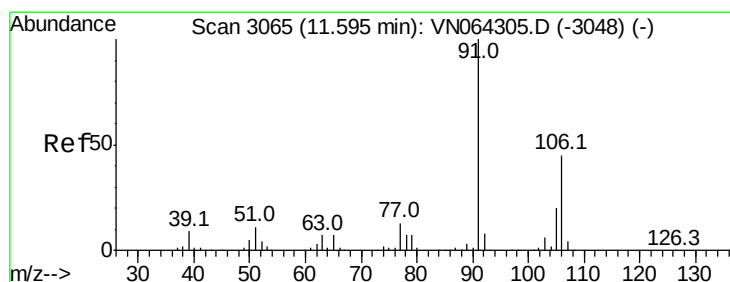
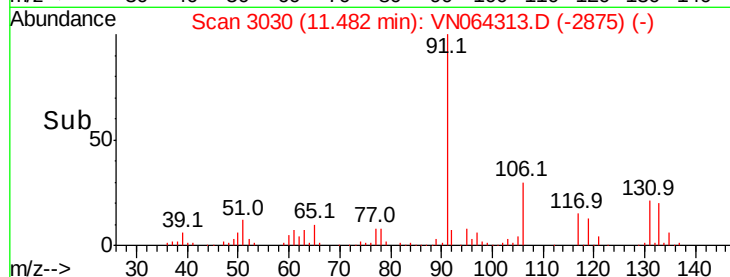
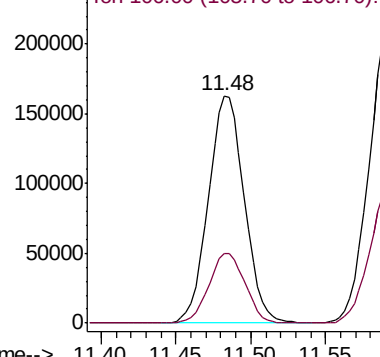
Ion Ratio Lower Upper

91 100

106 30.8 22.8 34.2



Abundance Ion 91.00 (90.70 to 91.70): VN064313.D (-2875) (-)



#67

m/p-Xylenes

Concen: 35.875 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064313.D

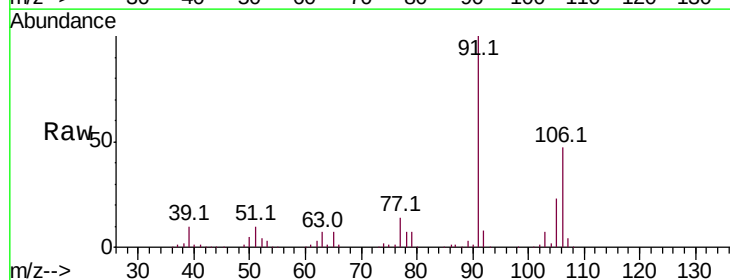
Acq: 26 Oct 2020 20:39

Tgt Ion: 106 Resp: 198939

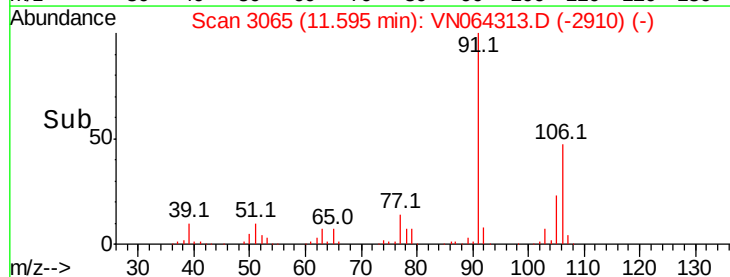
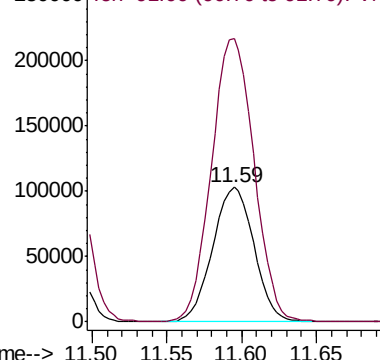
Ion Ratio Lower Upper

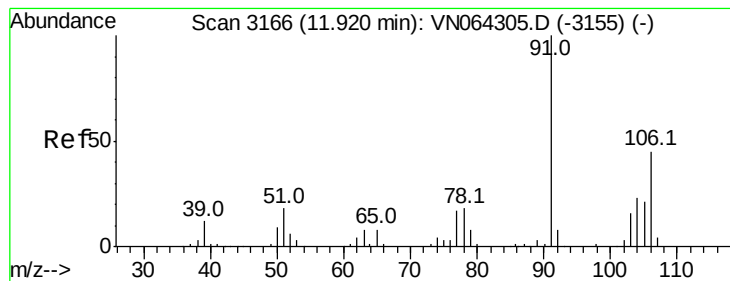
106 100

91 215.1 176.2 264.2



Abundance Ion 106.00 (105.70 to 106.70): VN064313.D (-2910) (-)





#68

o-Xylene

Concen: 17.960 ug/l

RT: 11.92 min Scan# 3166

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

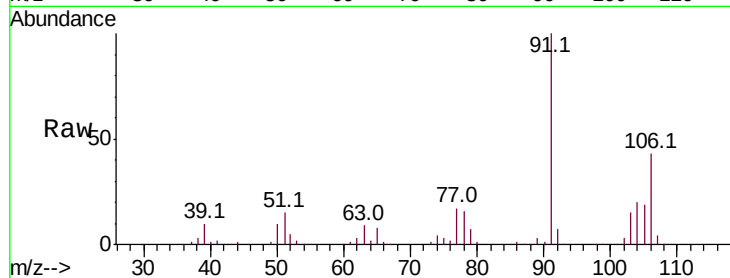
VN1026WBS01

Tot Ion:106 Resp: 97946

Ion Ratio Lower Upper

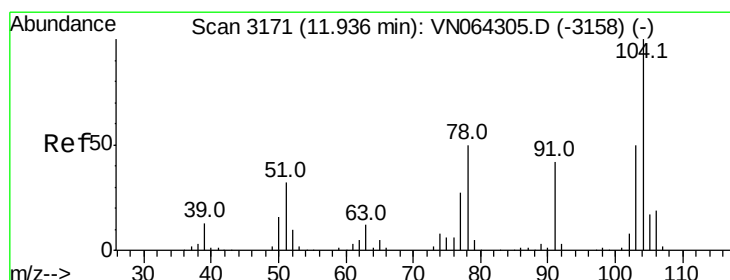
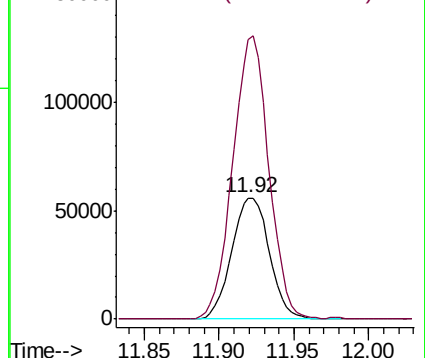
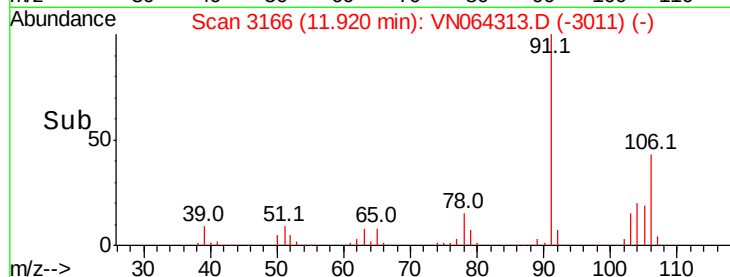
106 100

91 223.3 112.9 338.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#69

Styrene

Concen: 17.765 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

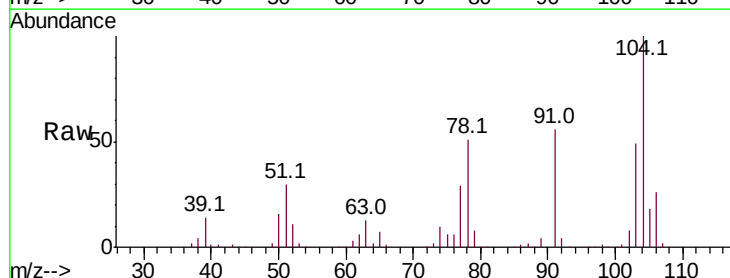
Tgt Ion:104 Resp: 161465

Ion Ratio Lower Upper

104 100

78 56.1 46.3 69.5

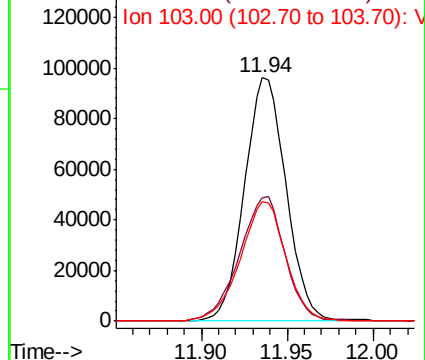
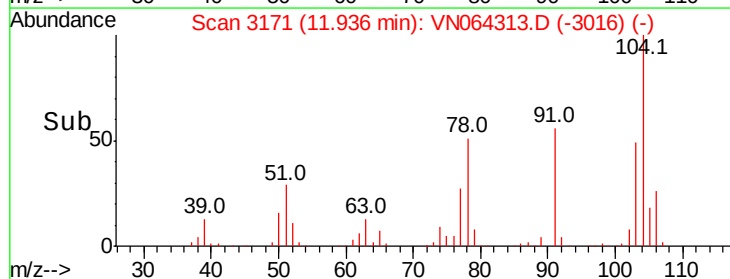
103 53.8 44.2 66.2

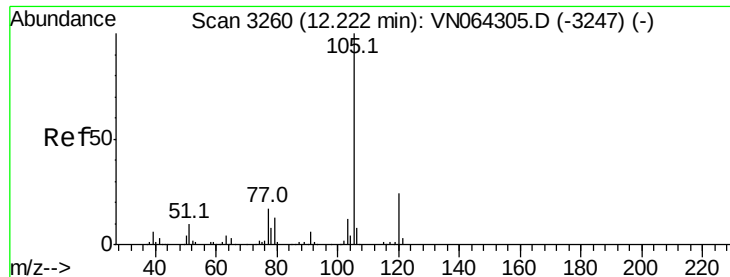


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V

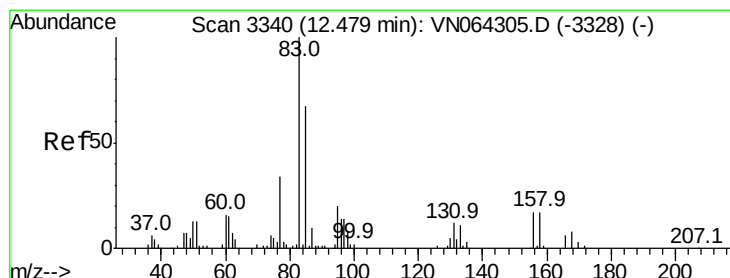
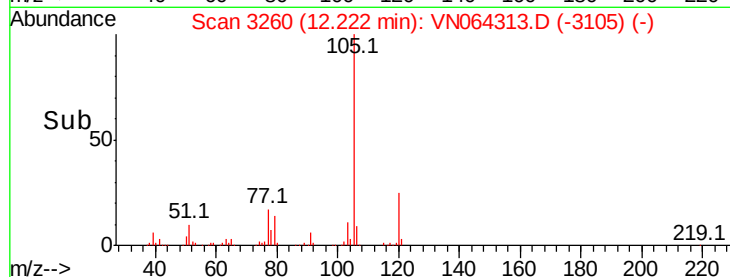
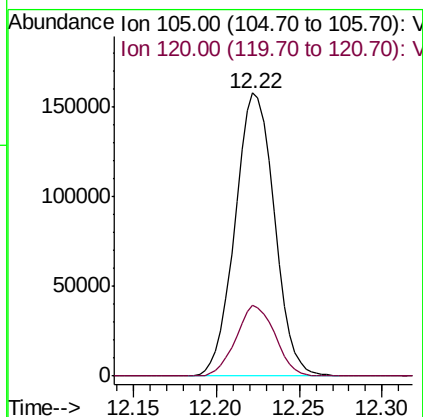
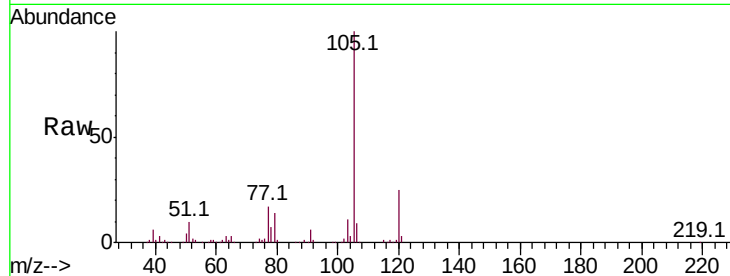




#70
Isopropylbenzene
Concen: 18.061 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

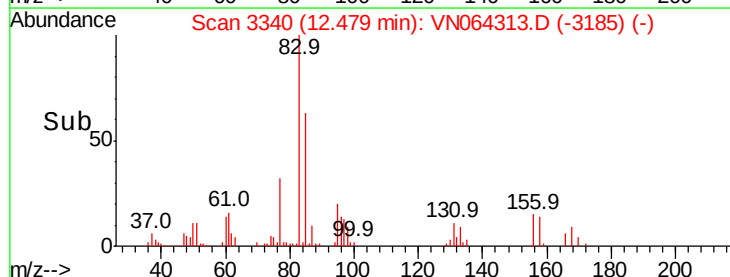
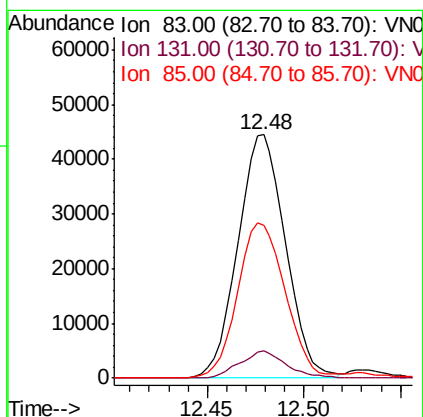
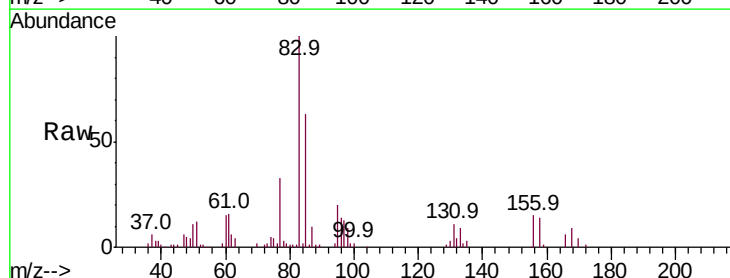
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

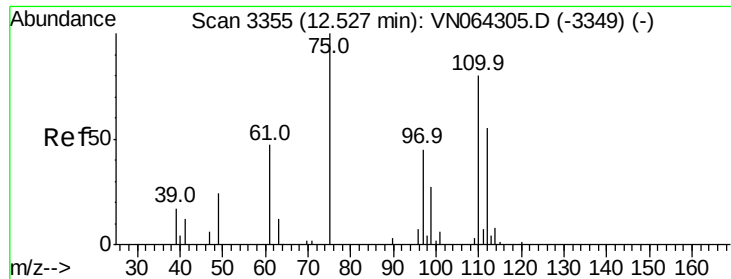
Tot Ion:105 Resp: 261162
Ion Ratio Lower Upper
105 100
120 24.8 17.4 32.2



#71
1,1,2,2-Tetrachloroethane
Concen: 18.502 ug/l
RT: 12.48 min Scan# 3340
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 83 Resp: 76225
Ion Ratio Lower Upper
83 100
131 10.9 6.0 18.0
85 63.6 32.0 96.0





#72

1,2,3-Trichloropropane

Concen: 25.482 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

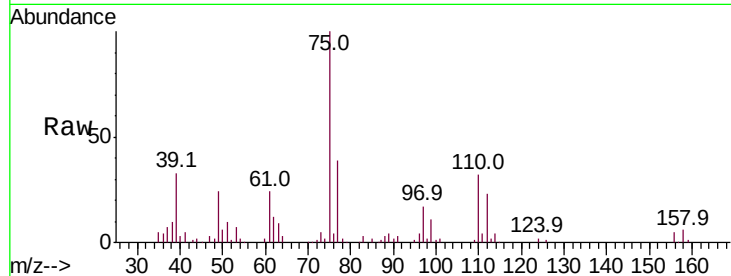
VN1026WBS01

Tot Ion: 75 Resp: 111797

Ion Ratio Lower Upper

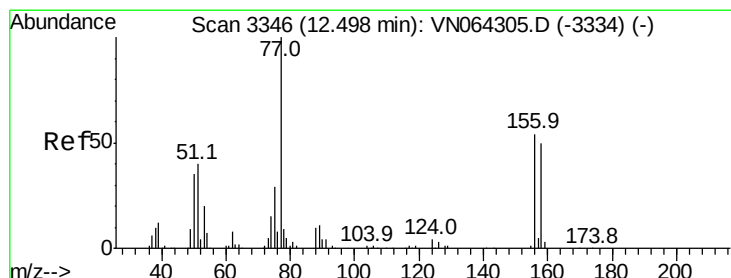
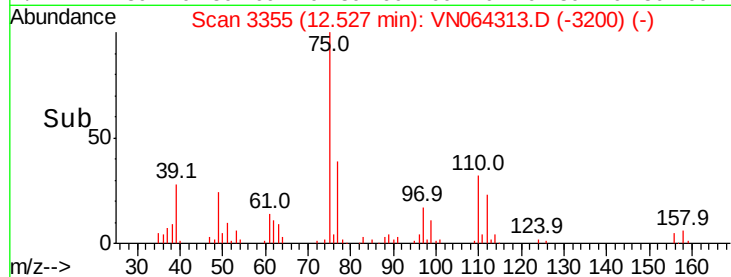
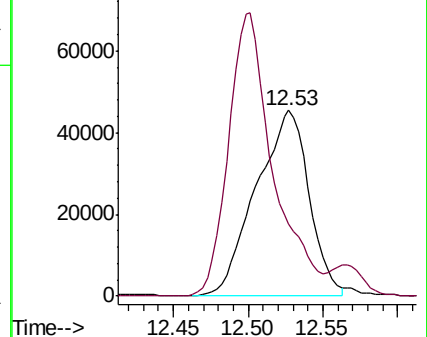
75 100

77 127.9 0.0 340.8



Abundance Ion 75.00 (74.70 to 75.70): VN064313.D (-3200) (-)

Ion 77.00 (76.70 to 77.70): VN064313.D (-3200) (-)



#73

Bromobenzene

Concen: 17.884 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

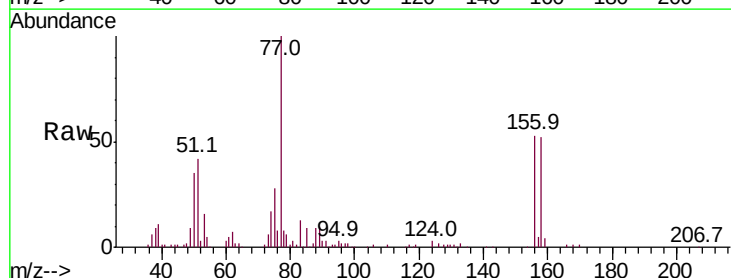
Tgt Ion: 156 Resp: 63393

Ion Ratio Lower Upper

156 100

77 225.5 0.0 449.2

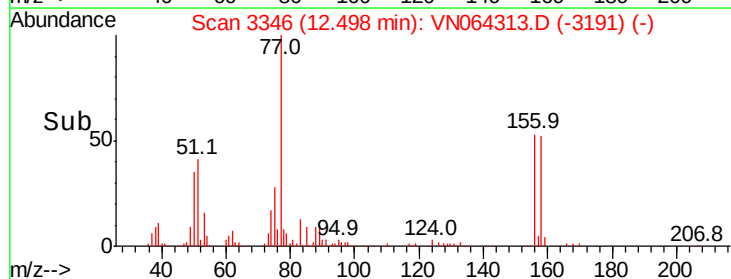
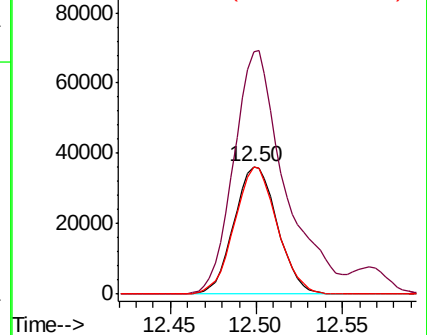
158 98.5 0.0 191.0

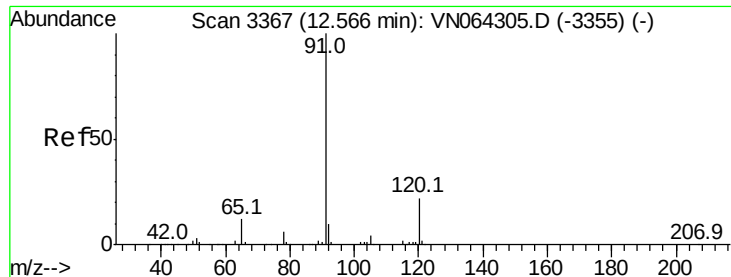


Abundance Ion 156.00 (155.70 to 156.70): VN064313.D (-3191) (-)

Ion 77.00 (76.70 to 77.70): VN064313.D (-3191) (-)

Ion 158.00 (157.70 to 158.70): VN064313.D (-3191) (-)





#74

n-propylbenzene

Concen: 17.775 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

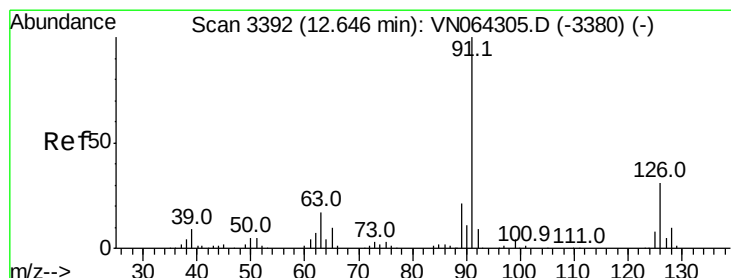
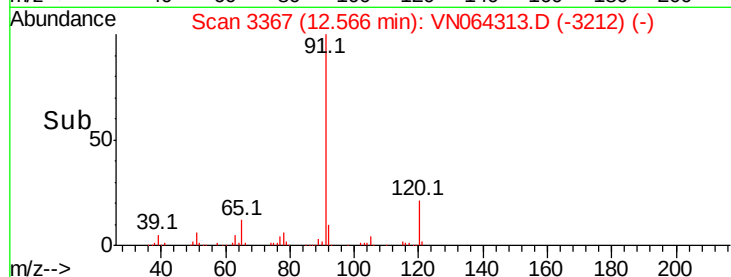
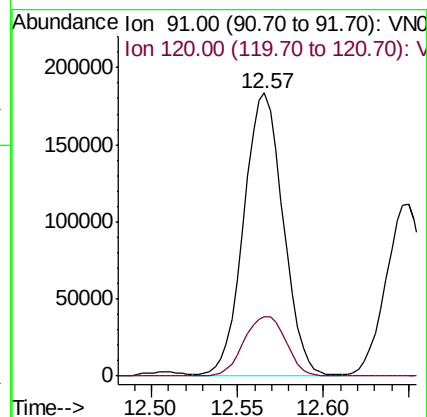
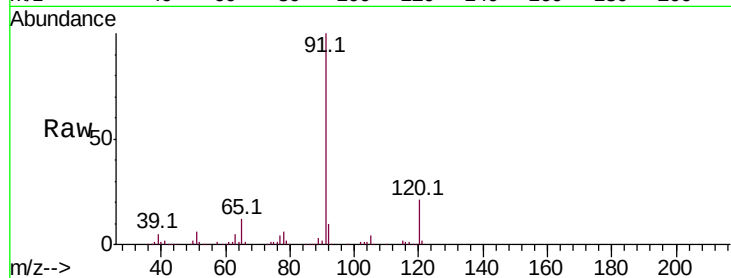
VN1026WBS01

Tot Ion: 91 Resp: 292944

Ion Ratio Lower Upper

91 100

120 22.4 0.0 44.2



#75

2-Chlorotoluene

Concen: 17.973 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064313.D

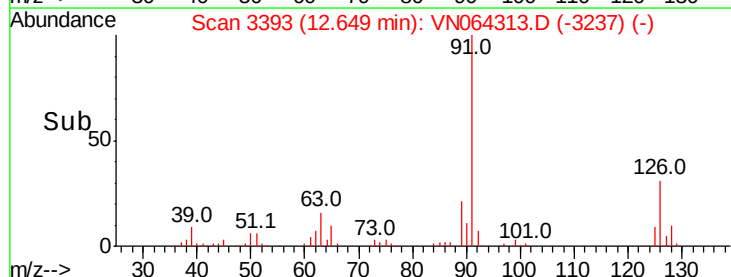
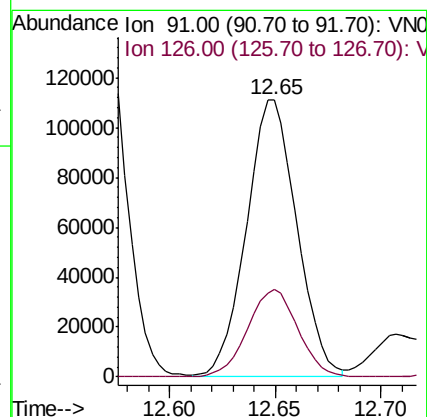
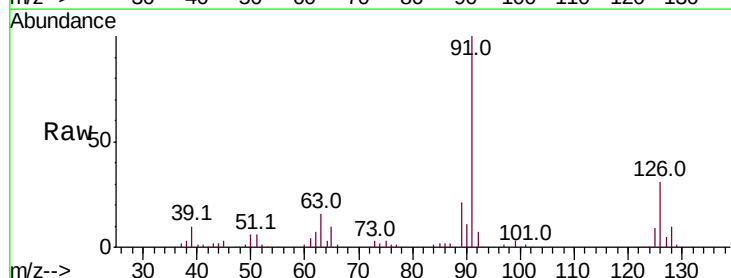
Acq: 26 Oct 2020 20:39

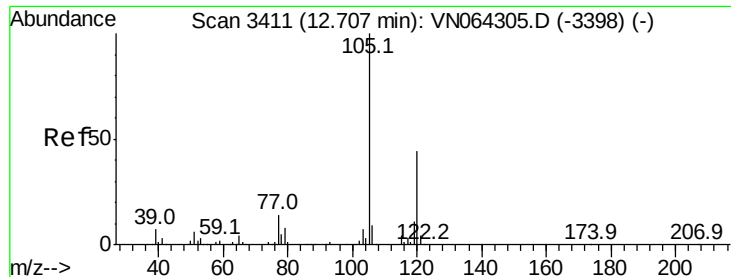
Tgt Ion: 91 Resp: 183177

Ion Ratio Lower Upper

91 100

126 31.9 0.0 62.0

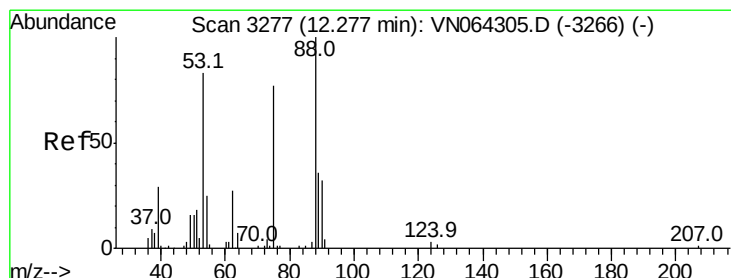
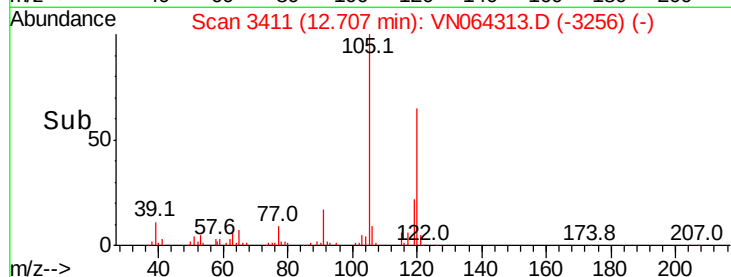
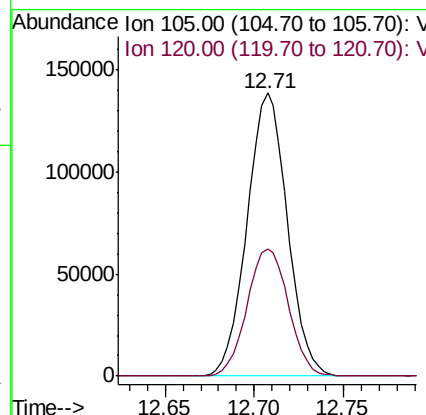
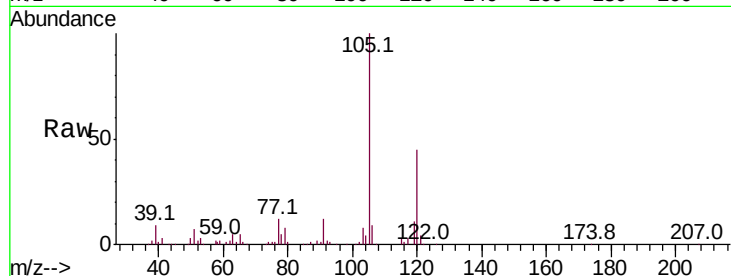




#76
 1,3,5-Trimethylbenzene
 Concen: 17.952 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

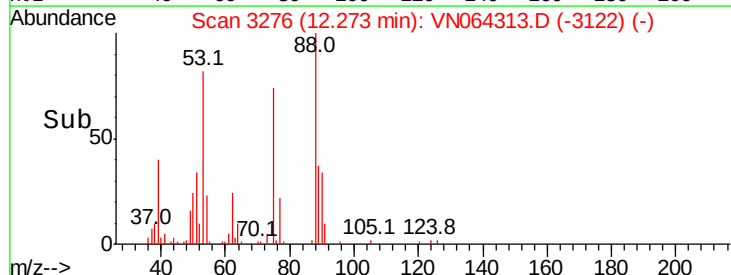
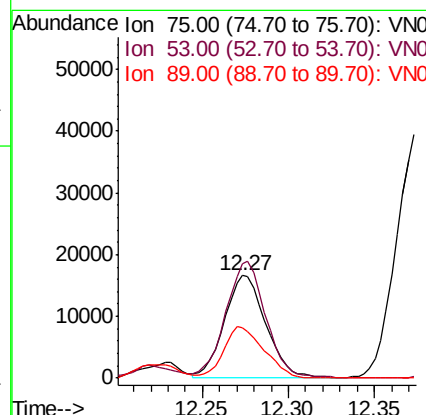
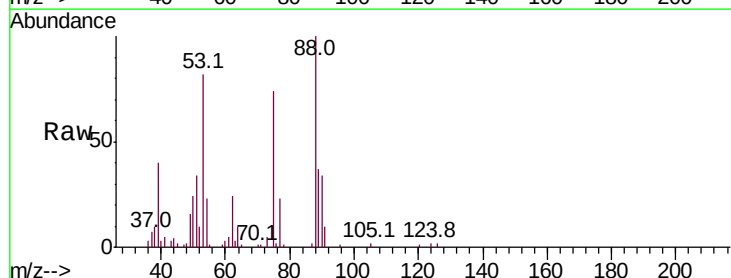
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

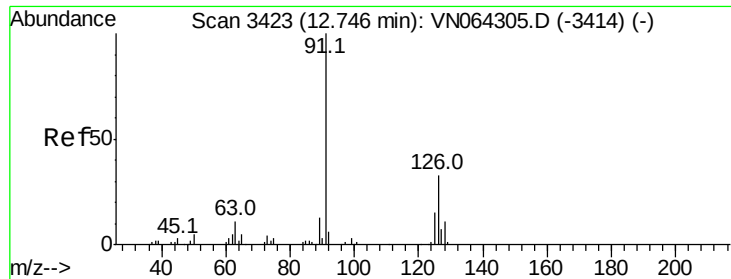
Tot Ion:105 Resp: 219529
 Ion Ratio Lower Upper
 105 100
 120 46.2 0.0 89.8



#77
 t-1,4-Dichloro-2-butene
 Concen: 17.253 ug/l
 RT: 12.27 min Scan# 3276
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion: 75 Resp: 28263
 Ion Ratio Lower Upper
 75 100
 53 110.8 51.0 153.0
 89 49.6 24.8 74.3





#78

4-Chlorotoluene

Concen: 17.465 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampled :

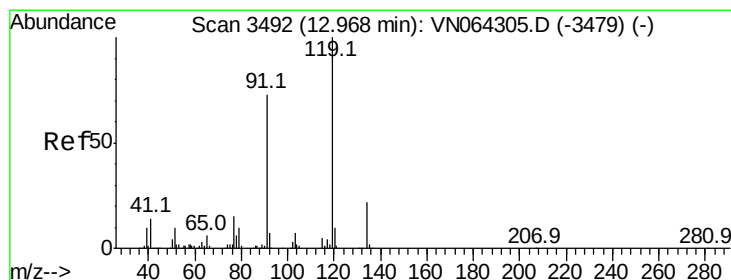
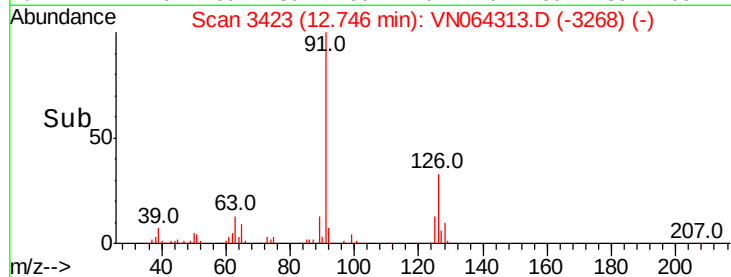
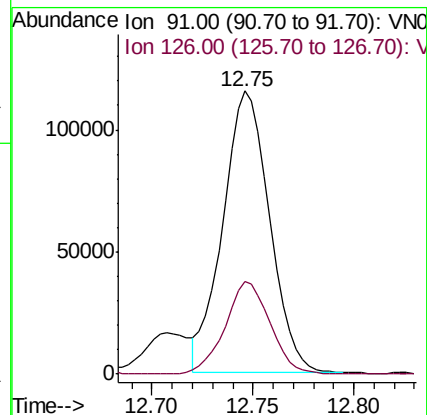
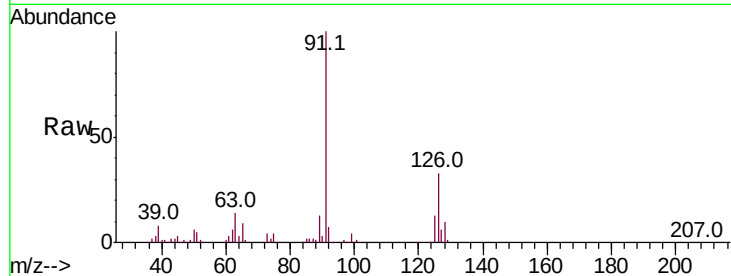
VN1026WBS01

Tot Ion: 91 Resp: 186274

Ion Ratio Lower Upper

91 100

126 31.6 0.0 62.4



#79

tert-butylbenzene

Concen: 17.636 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

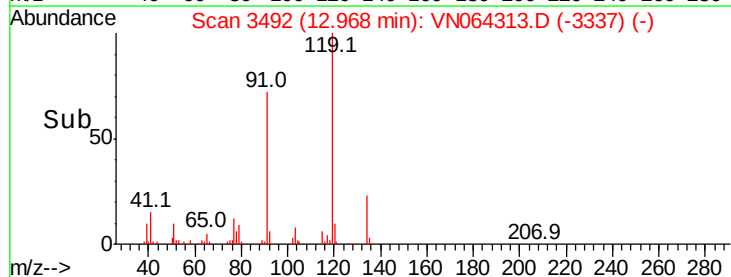
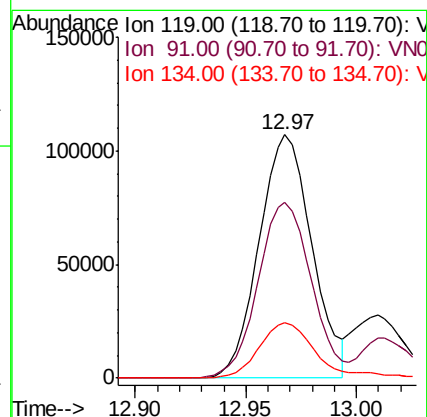
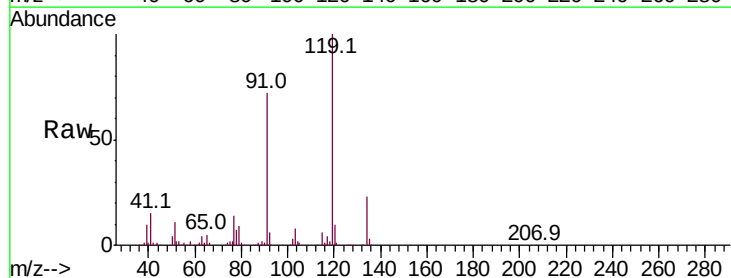
Tgt Ion: 119 Resp: 177734

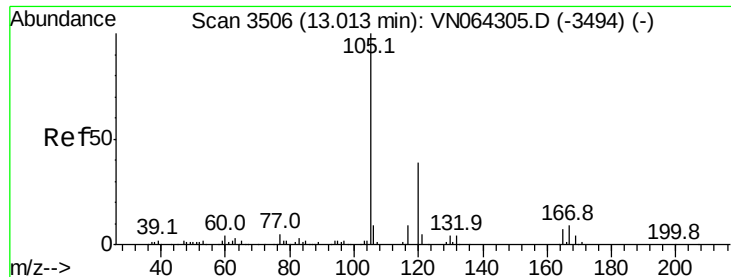
Ion Ratio Lower Upper

119 100

91 72.9 0.0 146.8

134 22.9 0.0 48.6

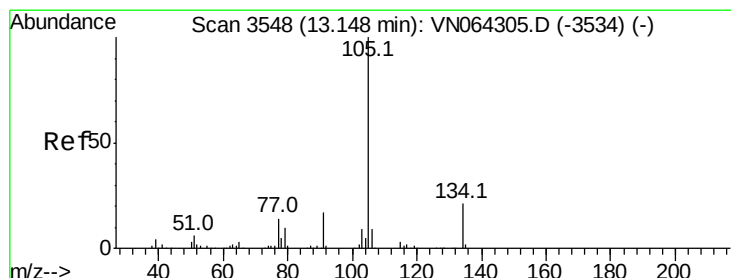
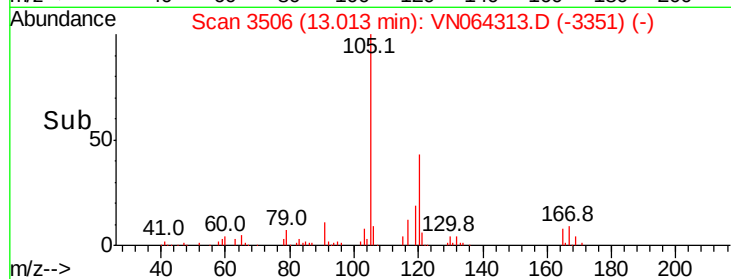
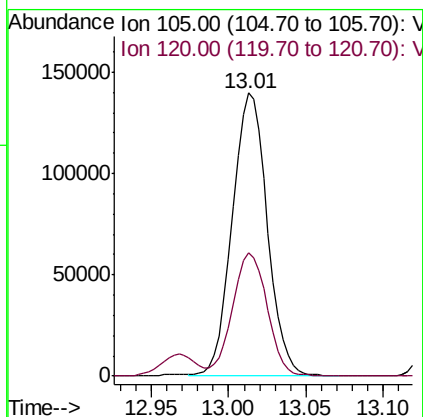
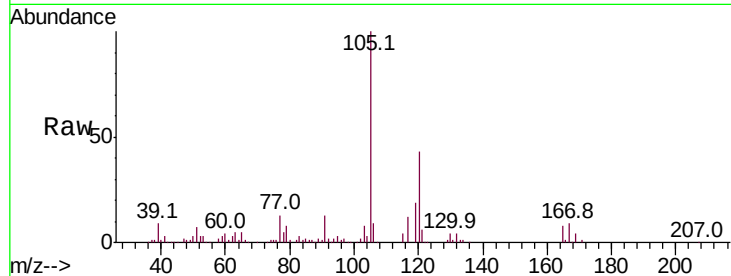




#80
 1,2,4-Trimethylbenzene
 Concen: 17.813 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

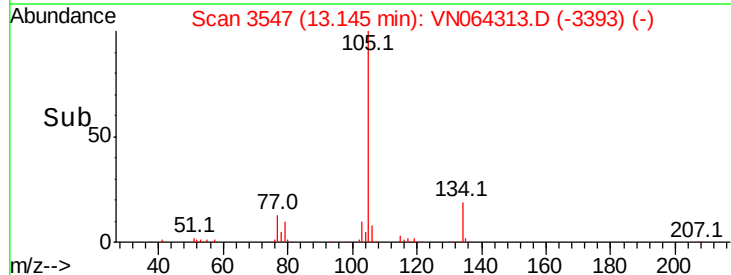
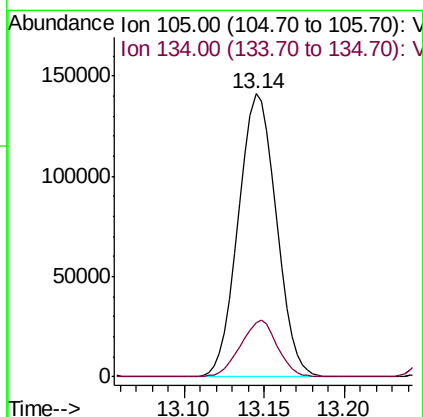
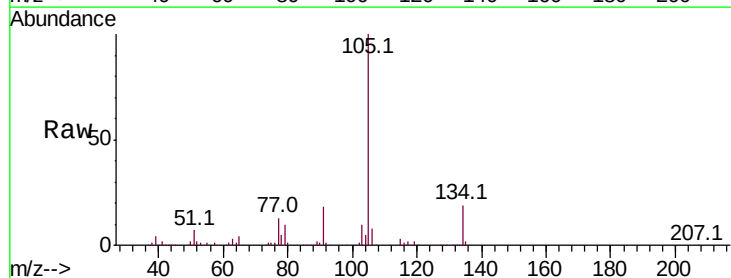
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

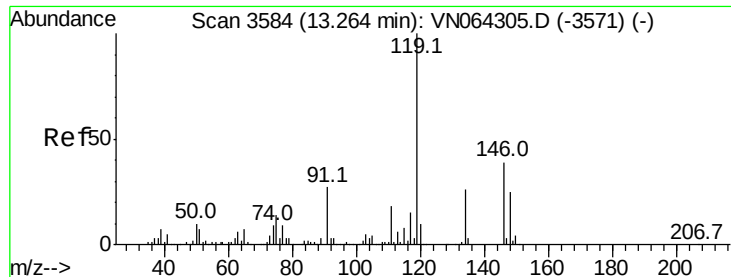
Tot Ion:105 Resp: 219725
 Ion Ratio Lower Upper
 105 100
 120 43.0 0.0 87.0



#81
 sec-Butylbenzene
 Concen: 17.466 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion:105 Resp: 228454
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 38.4

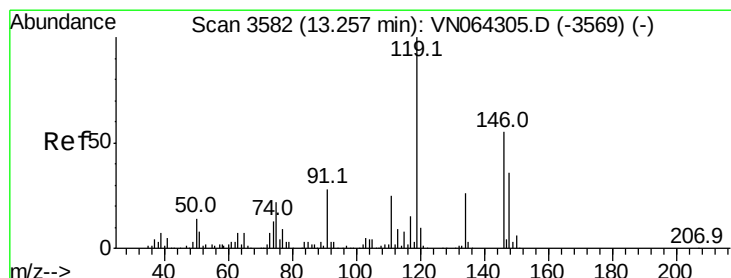
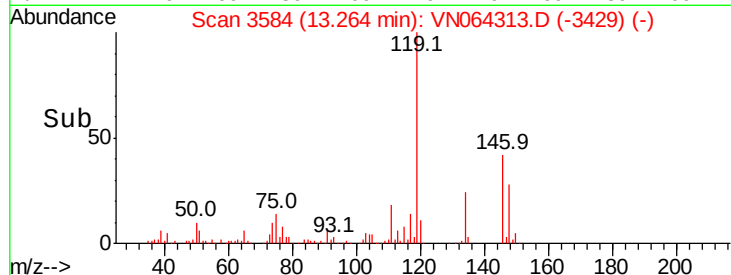
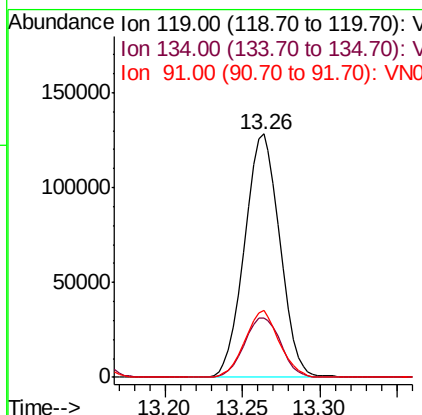
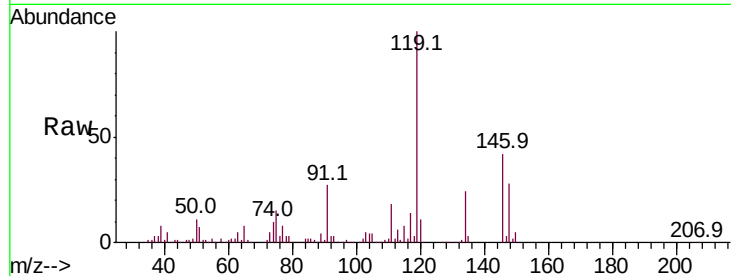




#82
 p-Isopropyltoluene
 Concen: 17.015 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

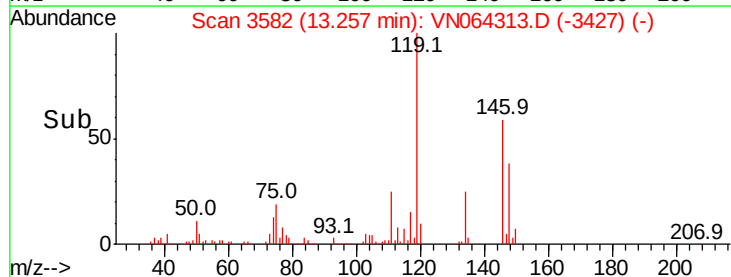
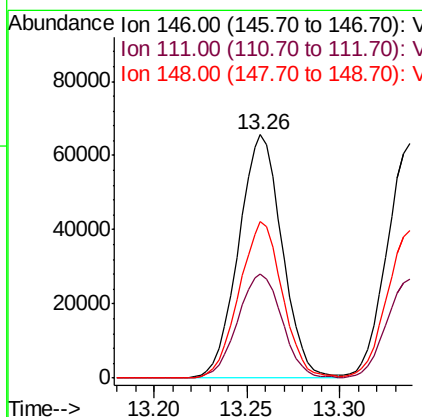
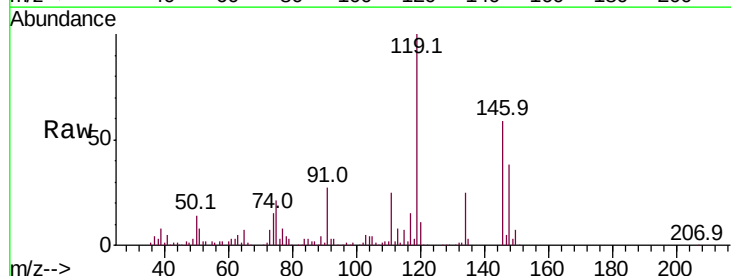
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

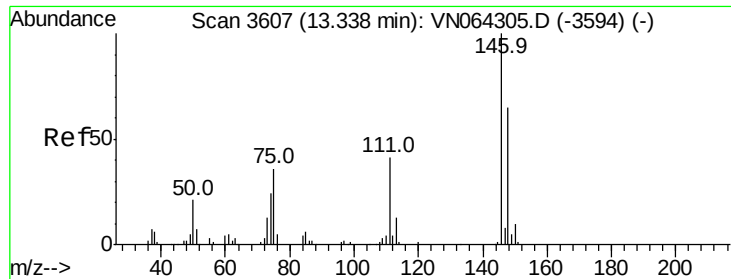
Tot Ion	Ratio	Lower	Upper
119	100		
134	25.3	0.0	52.2
91	26.8	0.0	56.0



#83
 1,3-Dichlorobenzene
 Concen: 17.427 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.6	22.5	67.5
148	63.9	32.5	97.5

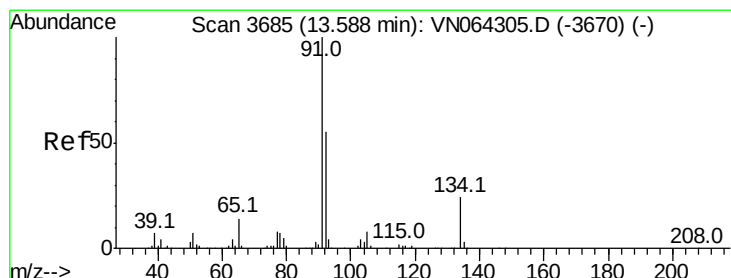
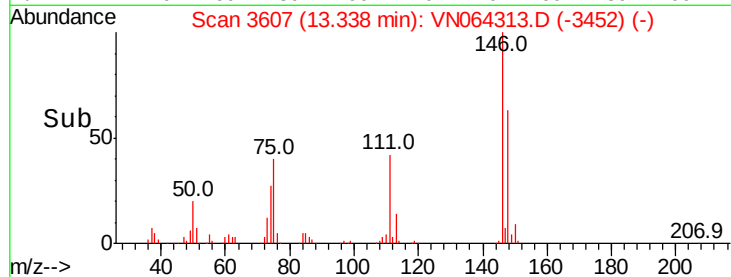
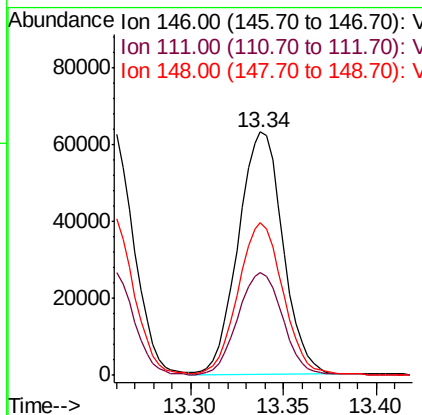
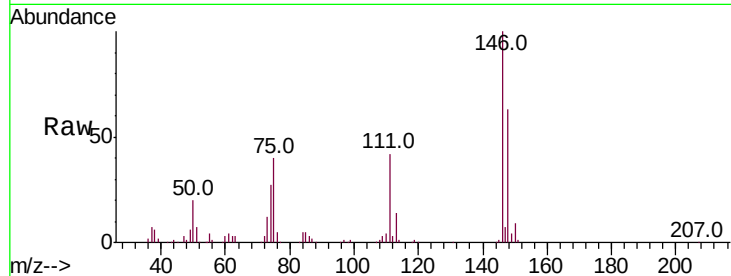




#84
1,4-Dichlorobenzene
Concen: 17.004 ug/l
RT: 13.34 min Scan# 3607
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

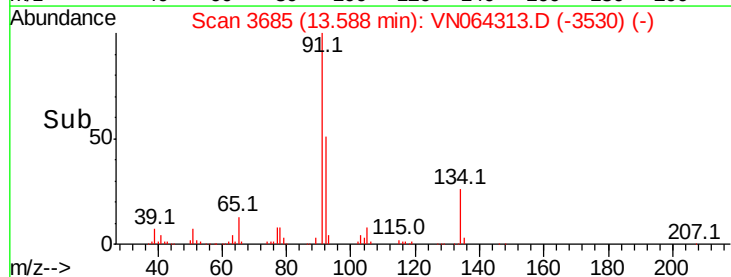
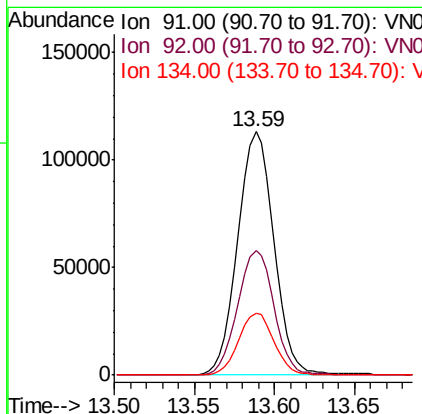
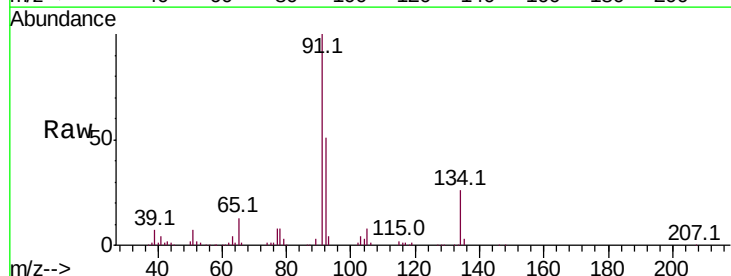
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

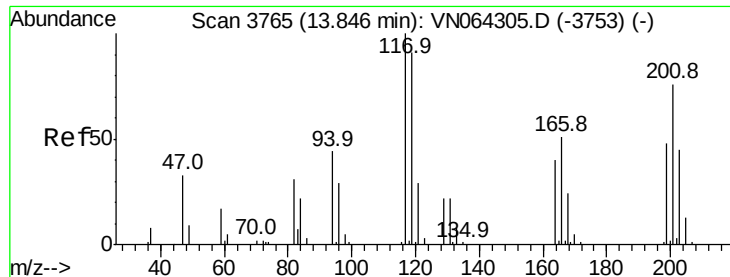
Tot Ion:146 Resp: 105139
Ion Ratio Lower Upper
146 100
111 43.1 21.6 64.8
148 64.5 32.4 97.0



#85
n-Butylbenzene
Concen: 16.694 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion: 91 Resp: 174412
Ion Ratio Lower Upper
91 100
92 51.4 0.0 106.0
134 24.9 0.0 46.4





#86

Hexachloroethane

Concen: 16.945 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

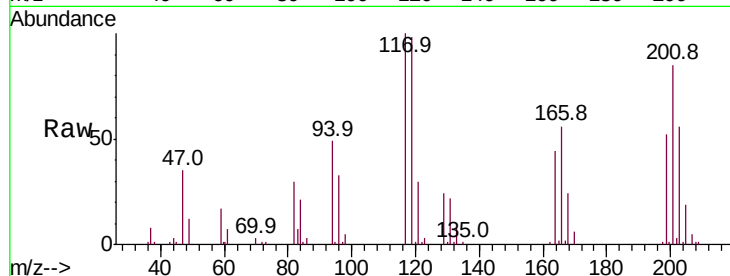
VN1026WBS01

Tot Ion:117 Resp: 37861

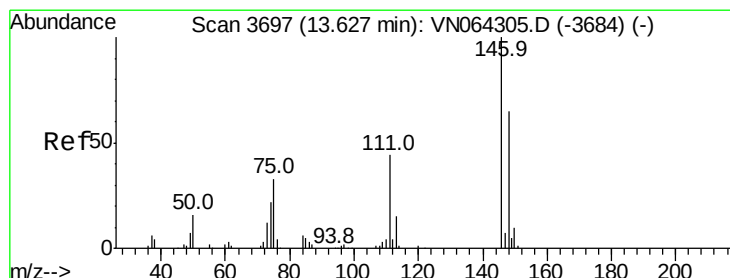
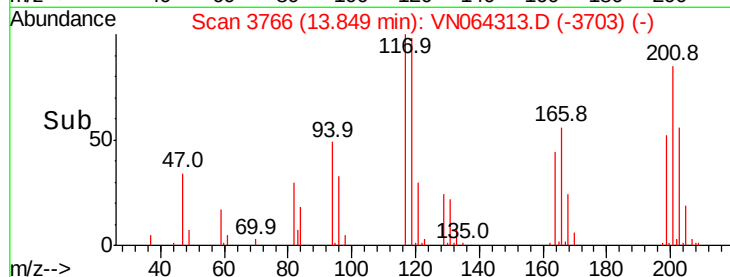
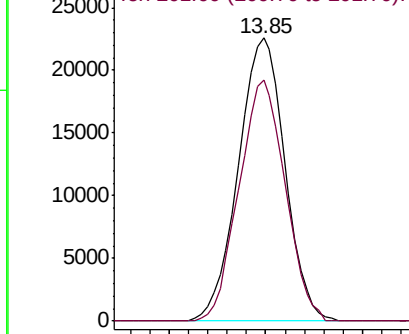
Ion Ratio Lower Upper

117 100

201 84.2 39.6 118.7



Abundance Ion 117.00 (116.70 to 117.70): V
Ion 201.00 (200.70 to 201.70): V



#87

1,2-Dichlorobenzene

Concen: 17.438 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

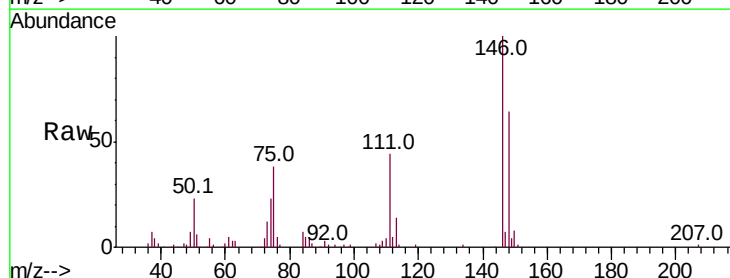
Tgt Ion:146 Resp: 105728

Ion Ratio Lower Upper

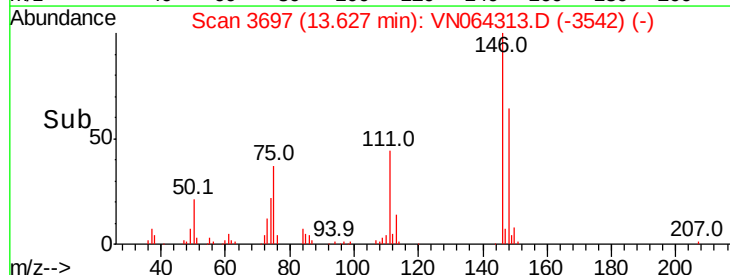
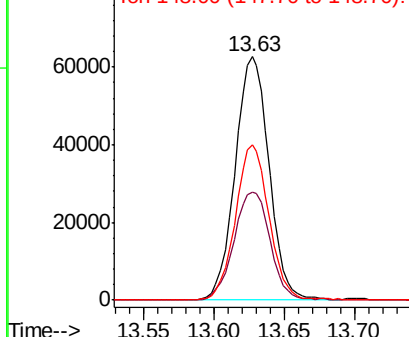
146 100

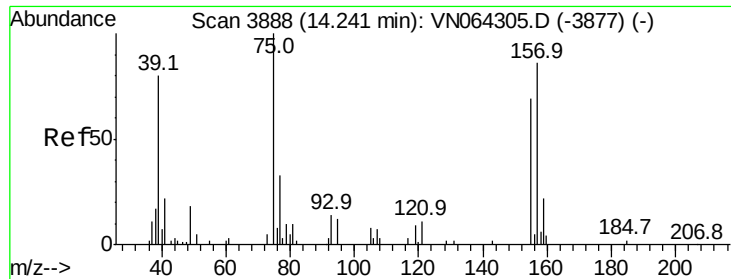
111 47.0 22.3 66.8

148 63.1 31.6 95.0



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.815 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBS01

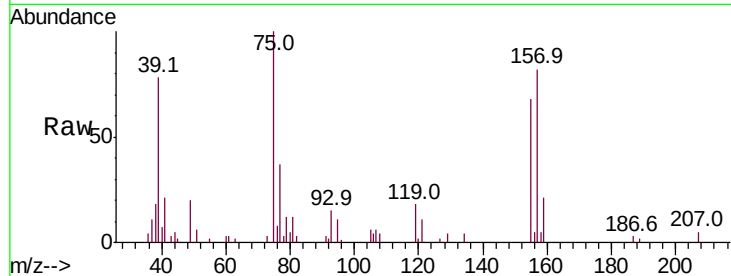
Tot Ion: 75 Resp: 19593

Ion Ratio Lower Upper

75 100

155 70.6 55.8 83.8

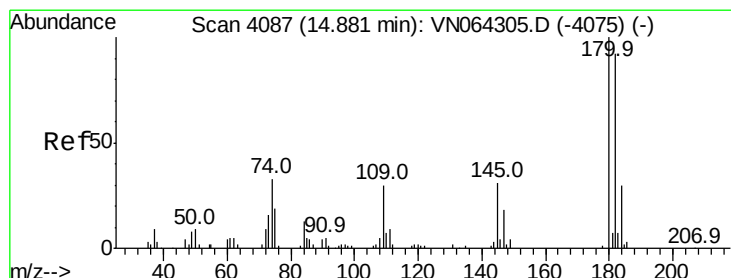
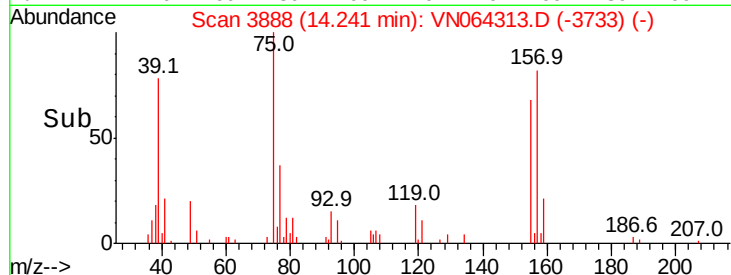
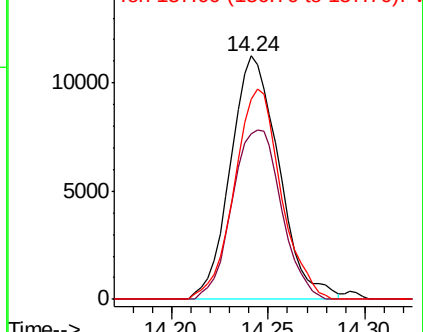
157 83.1 72.1 108.1



Abundance Ion 75.00 (74.70 to 75.70): VN064313.D (-3733) (-)

Ion 155.00 (154.70 to 155.70): VN064313.D (-3733) (-)

Ion 157.00 (156.70 to 157.70): VN064313.D (-3733) (-)



#89

1,2,4-Trichlorobenzene

Concen: 16.821 ug/l

RT: 14.88 min Scan# 4087

Delta R.T. -0.00 min

Lab File: VN064313.D

Acq: 26 Oct 2020 20:39

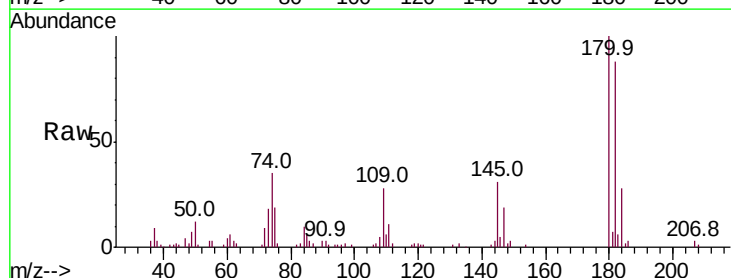
Tgt Ion:180 Resp: 57786

Ion Ratio Lower Upper

180 100

182 90.9 76.6 114.8

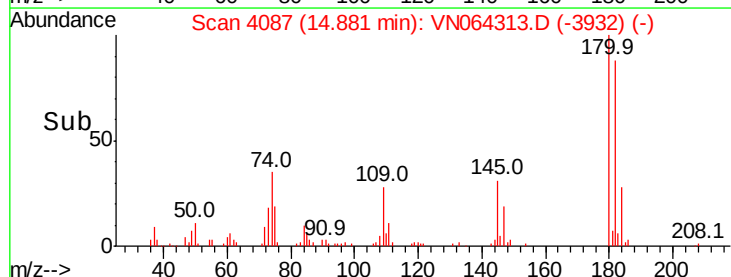
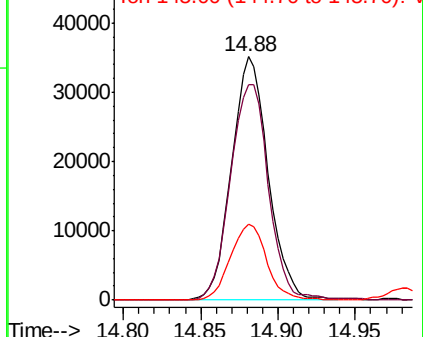
145 30.7 25.4 38.0

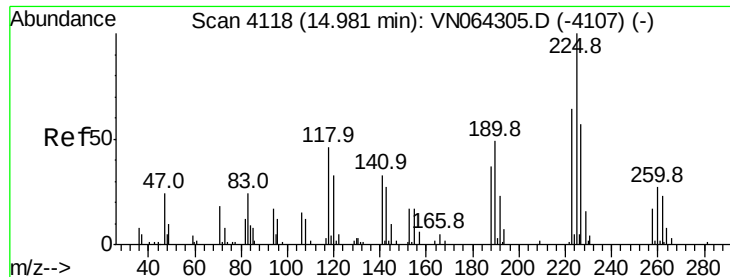


Abundance Ion 180.00 (179.70 to 180.70): VN064313.D (-3932) (-)

Ion 182.00 (181.70 to 182.70): VN064313.D (-3932) (-)

Ion 145.00 (144.70 to 145.70): VN064313.D (-3932) (-)

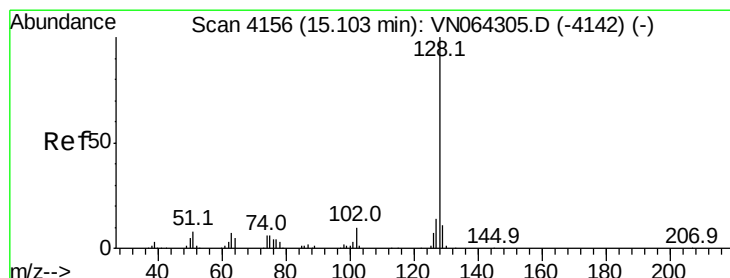
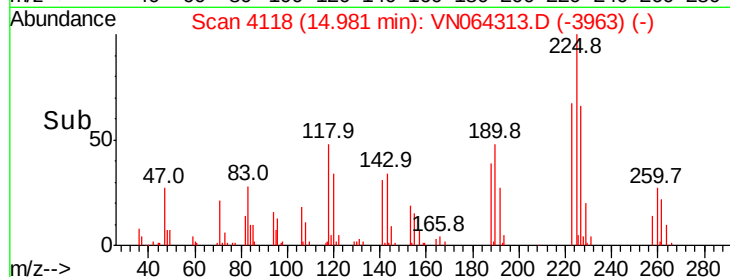
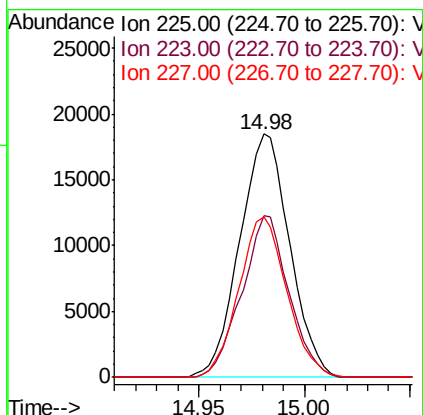
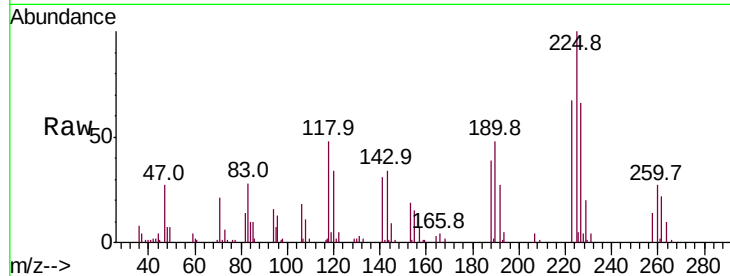




#90
Hexachlorobutadiene
Concen: 16.480 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

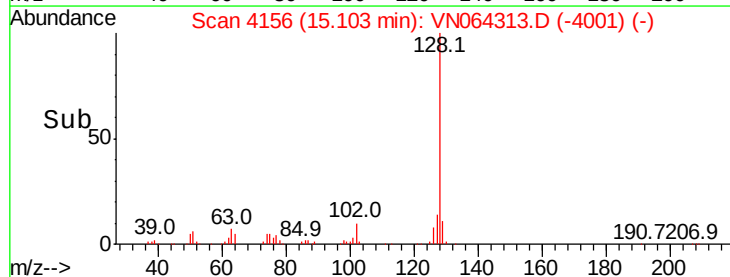
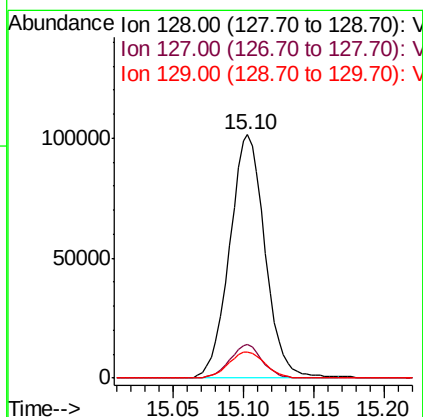
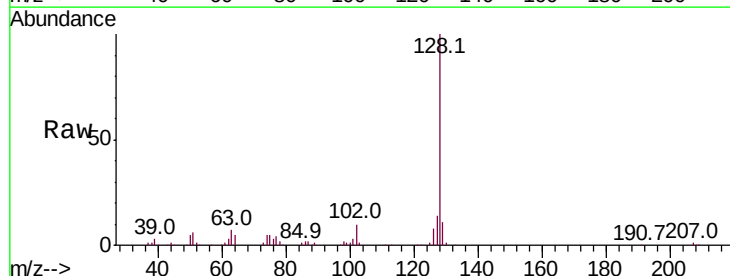
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBS01

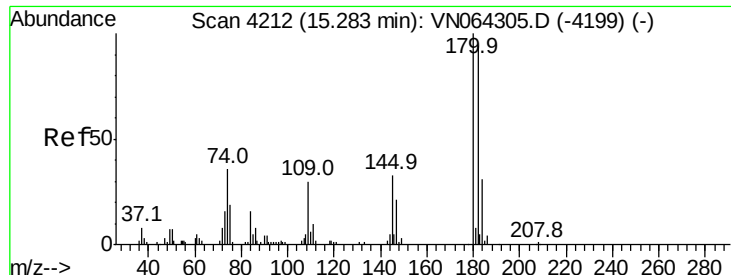
Tot Ion:225 Resp: 30471
Ion Ratio Lower Upper
225 100
223 62.3 0.0 122.0
227 63.5 0.0 118.0



#91
Naphthalene
Concen: 17.173 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064313.D
Acq: 26 Oct 2020 20:39

Tgt Ion:128 Resp: 178093
Ion Ratio Lower Upper
128 100
127 12.6 10.8 16.2
129 11.1 8.8 13.2





#92
 1,2,3-Trichlorobenzene
 Concen: 16.419 ug/l
 RT: 15.28 min Scan# 4212
 Delta R.T. -0.00 min
 Lab File: VN064313.D
 Acq: 26 Oct 2020 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.8	0.0	190.0
145	34.3	0.0	67.8

