

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064314.D
 Acq On : 26 Oct 2020 21:02
 Operator : JC/MD
 Sample : VN1026WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Quant Time: Oct 27 02:37:38 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	45872	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	259378	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	236621	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	129367	31.35	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.50%
60) 4-Bromofluorobenzene	12.38	95	122328	28.90	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.33%
63) Toluene-d8	10.06	98	319802	30.31	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.03%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	76506	20.392 ug/l	91
3) Chloromethane	2.04	50	68600	19.569 ug/l	99
4) Vinyl Chloride	2.16	62	68407	20.015 ug/l	99
5) Bromomethane	2.53	94	43065	20.414 ug/l	99
6) Chloroethane	2.67	64	37056	19.410 ug/l	98
7) Trichlorofluoromethane	2.98	101	105546	20.045 ug/l	90
8) Diethyl Ether	3.37	74	32510	19.274 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52834	19.698 ug/l	97
10) 1,1-Dichloroethene	3.70	96	51415	19.948 ug/l	99
11) Methyl Iodide	3.91	142	70910	19.213 ug/l	96
12) Methyl Acetate	4.28	43	61671	19.982 ug/l	98
13) Acrolein	3.56	56	8152	39.992 ug/l #	3
14) Acrylonitrile	4.93	53	130358	97.106 ug/l	97
15) Acetone	3.78	58	35836	97.046 ug/l	91
16) Carbon Disulfide	4.01	76	141820	18.537 ug/l	98
17) Allyl chloride	4.28	41	89141	18.215 ug/l	99
18) Methylene Chloride	4.51	84	55809	19.015 ug/l	98
19) trans-1,2-Dichloroethene	4.99	96	54317	19.417 ug/l	92
20) Diisopropyl ether	5.90	45	191748	19.357 ug/l	96
21) 1,1-Dichloroethane	5.80	63	109781	19.785 ug/l	98
22) cis-1,2-Dichloroethene	6.78	96	62901	19.487 ug/l	97
23) tert-Butyl Alcohol	4.73	59	60545	99.095 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	191769	19.696 ug/l	97
25) Chloroform	7.33	83	114565	20.015 ug/l	92
26) Cyclohexane	7.61	56	86866	19.111 ug/l #	100
29) 1,1-Dichloropropene	7.75	75	82158	18.399 ug/l	98
30) 2-Butanone	6.78	43	197372	93.807 ug/l #	98
31) 2,2-Dichloropropane	6.77	77	93934	17.512 ug/l #	65
32) 1,1,1-Trichloroethane	7.53	97	105551	18.884 ug/l	98
33) Carbon Tetrachloride	7.74	117	95700	18.712 ug/l	98
34) Benzene	8.00	78	224627	18.744 ug/l	94
35) Methacrylonitrile	7.12	41	31700	14.427 ug/l	95
36) 1,2-Dichloroethane	8.09	62	101609	19.088 ug/l #	92
37) Trichloroethene	8.80	130	61151	18.708 ug/l	89
38) Methylcyclohexane	9.05	83	78108	18.102 ug/l	98
39) 1,2-Dichloropropane	9.08	63	58697	18.143 ug/l	93
40) Dibromomethane	9.17	93	44188	19.679 ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064314.D
 Acq On : 26 Oct 2020 21:02
 Operator : JC/MD
 Sample : VN1026WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Quant Time: Oct 27 02:37:38 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)

41) Bromodichloromethane	9.37	83	94796	19.546	ug/l	93
42) Vinyl Acetate	5.84	43	848811	94.407	ug/l #	89
43) Ethyl Acetate	7.17	43	28772	6.709	ug/l	98
44) Isopropyl Acetate	8.13	43	148904	18.896	ug/l	98
45) 1,4-Dioxane	9.16	88	21574	354.985	ug/l	91
46) Methyl methacrylate	9.16	41	74473	19.367	ug/l	97
47) n-amyl Acetate	12.04	43	121312	18.285	ug/l	98
48) t-1,3-Dichloropropene	10.35	75	99873	18.258	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	103810	18.621	ug/l	94
50) 1,1,2-Trichloroethane	10.53	97	55276	18.335	ug/l	92
51) Ethyl methacrylate	10.40	69	87870	18.667	ug/l	98
52) 1,3-Dichloropropane	10.68	76	98041	18.520	ug/l	97
53) Dibromochloromethane	10.87	129	67657	18.375	ug/l	99
54) 1,2-Dibromoethane	10.98	107	60823	18.887	ug/l	99
55) 2-Chloroethyl vinyl ether	9.66	63	230666	98.449	ug/l	98
56) Bromoform	12.10	173	46066	17.451	ug/l #	94
58) 4-Methyl-2-Pentanone	9.95	43	429726	98.163	ug/l	100
59) 2-Hexanone	10.72	43	312817	95.633	ug/l	98
61) Tetrachloroethene	10.60	164	59356	18.810	ug/l	95
62) Toluene	10.13	91	250033	19.184	ug/l	100
64) Chlorobenzene	11.40	112	153767	18.924	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.48	131	60014	18.696	ug/l	97
66) Ethyl Benzene	11.48	91	278552	18.700	ug/l	93
67) m/p-Xylenes	11.60	106	205469	37.559	ug/l	95
68) o-Xylene	11.92	106	98302	18.272	ug/l	97
69) Styrene	11.94	104	162351	18.106	ug/l	99
70) Isopropylbenzene	12.22	105	267912	18.781	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	75262	18.518	ug/l	96
72) 1,2,3-Trichloropropane	12.53	75	116025	26.807	ug/l	1
73) Bromobenzene	12.50	156	63663	18.205	ug/l	96
74) n-propylbenzene	12.57	91	293244	18.036	ug/l	98
75) 2-Chlorotoluene	12.65	91	185155	18.415	ug/l	97
76) 1,3,5-Trimethylbenzene	12.71	105	222863	18.473	ug/l	96
77) t-1,4-Dichloro-2-butene	12.27	75	29959	18.538	ug/l	98
78) 4-Chlorotoluene	12.75	91	191656	18.215	ug/l	99
79) tert-butylbenzene	12.97	119	185941	18.702	ug/l	98
80) 1,2,4-Trimethylbenzene	13.01	105	231187	18.998	ug/l	96
81) sec-Butylbenzene	13.14	105	229836	17.812	ug/l	100
82) p-Isopropyltoluene	13.26	119	213021	18.023	ug/l	97
83) 1,3-Dichlorobenzene	13.26	146	108976	17.940	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	112746	18.483	ug/l	99
85) n-Butylbenzene	13.59	91	180469	17.510	ug/l	97
86) Hexachloroethane	13.85	117	41006	18.604	ug/l	96
87) 1,2-Dichlorobenzene	13.63	146	110613	18.493	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19773	19.247	ug/l	100
89) 1,2,4-Trichlorobenzene	14.88	180	60375	17.815	ug/l	98
90) Hexachlorobutadiene	14.98	225	31728	17.394	ug/l	95
91) Naphthalene	15.10	128	188067	18.383	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	59734	18.247	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
Data File : VN064314.D
Acq On : 26 Oct 2020 21:02
Operator : JC/MD
Sample : VN1026WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Quant Time: Oct 27 02:37:38 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

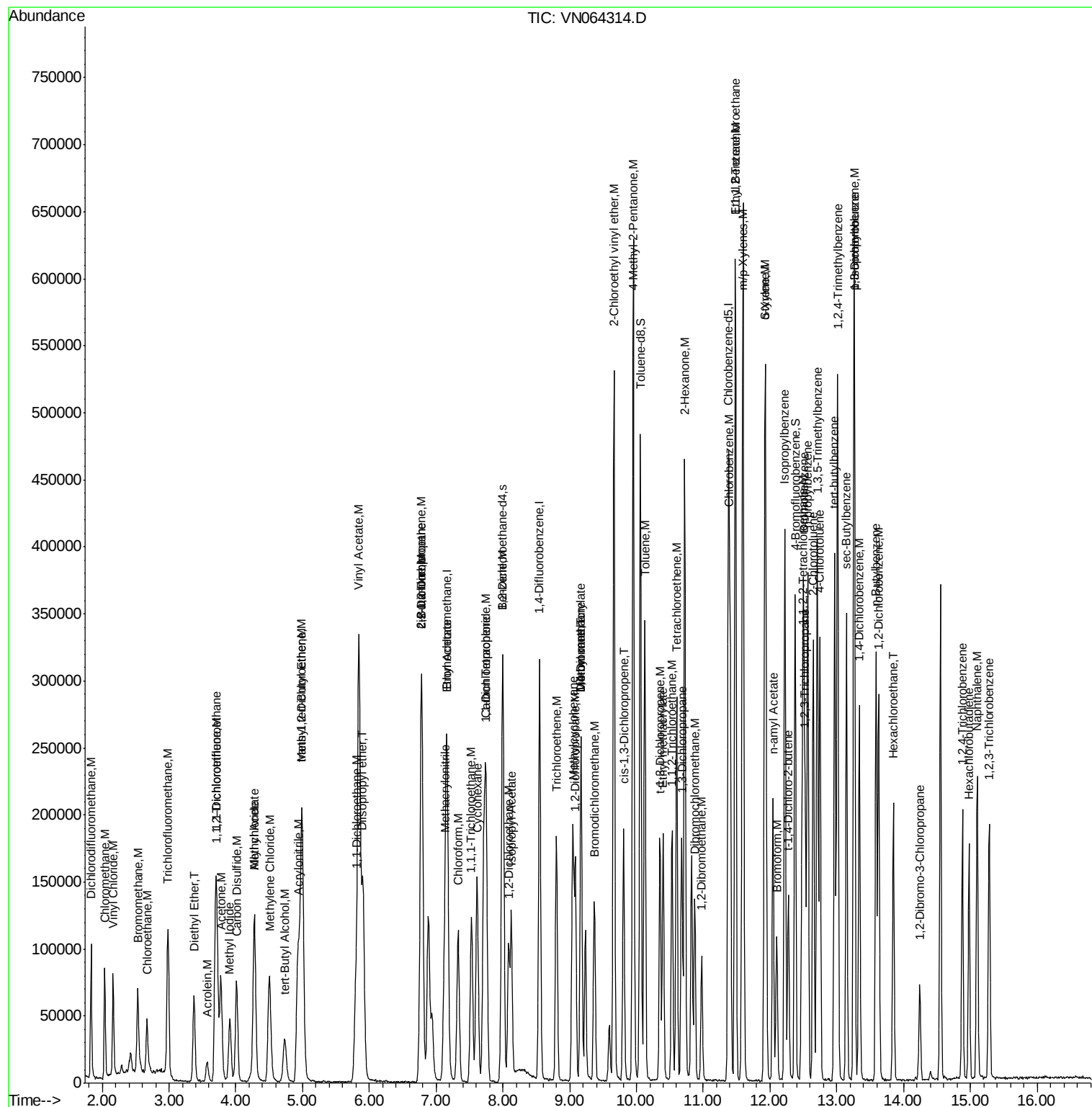
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

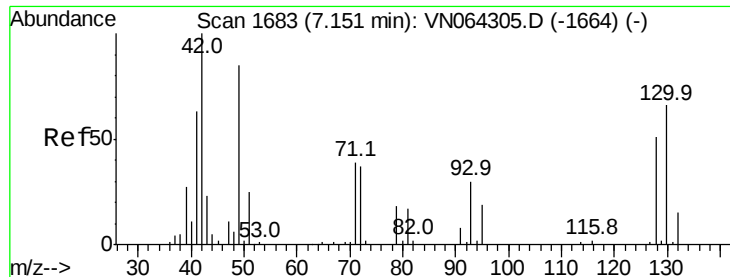
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064314.D
 Acq On : 26 Oct 2020 21:02
 Operator : JC/MD
 Sample : VN1026WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Quant Time: Oct 27 02:37:38 2020
 Quant Method : Z:\V0ASRV\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# 1682

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

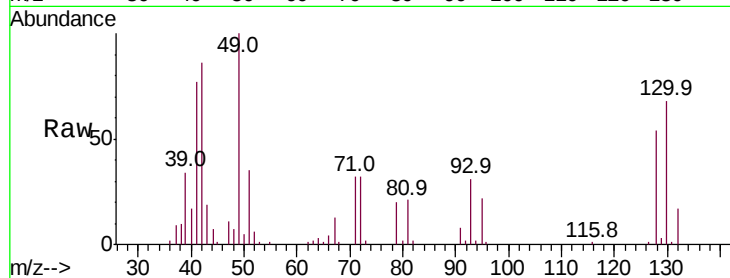
Tot Ion:128 Resp: 45872

Ion Ratio Lower Upper

128 100

49 185.3 0.0 439.5

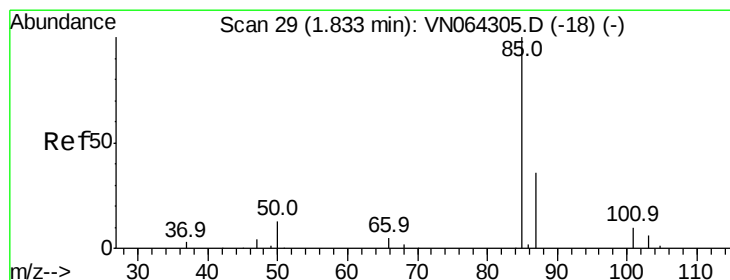
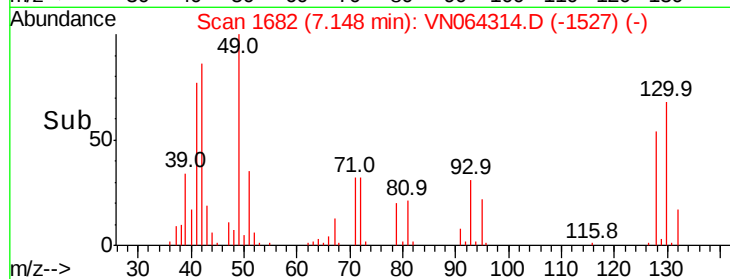
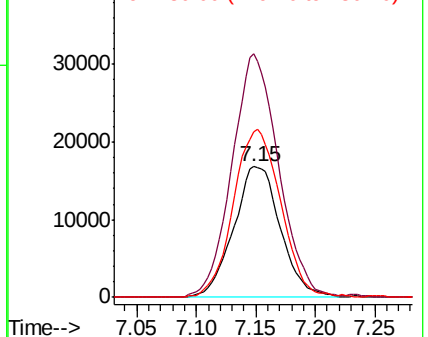
130 129.7 0.0 323.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.392 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064314.D

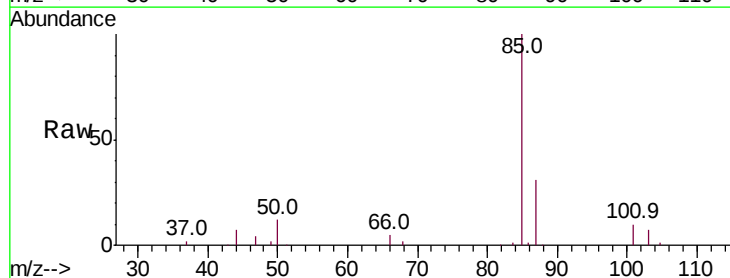
Acq: 26 Oct 2020 21:02

Tgt Ion: 85 Resp: 76506

Ion Ratio Lower Upper

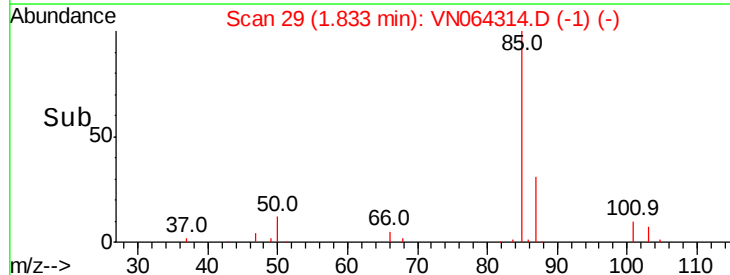
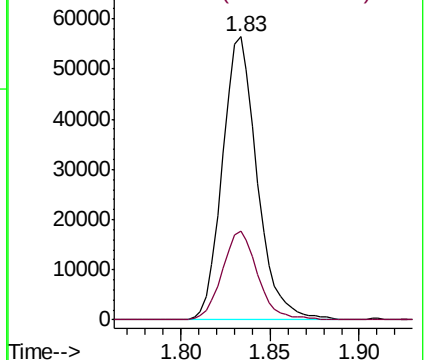
85 100

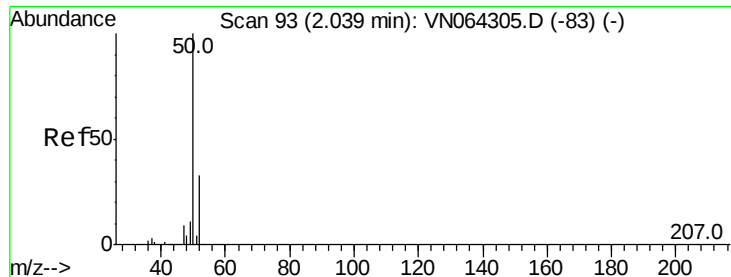
87 31.2 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0





#3

Chloromethane

Concen: 19.569 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

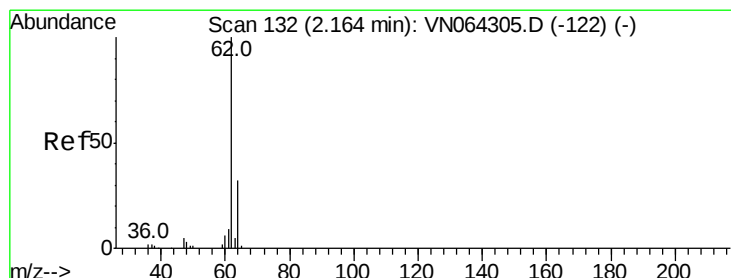
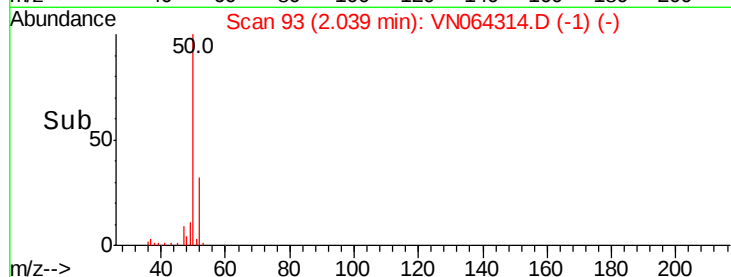
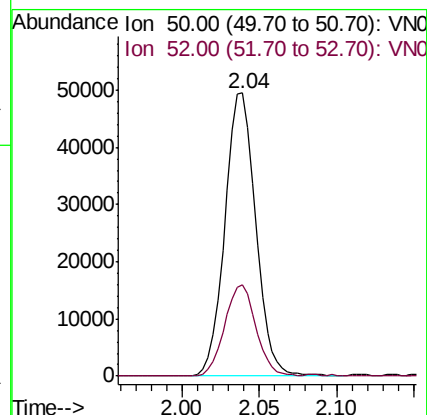
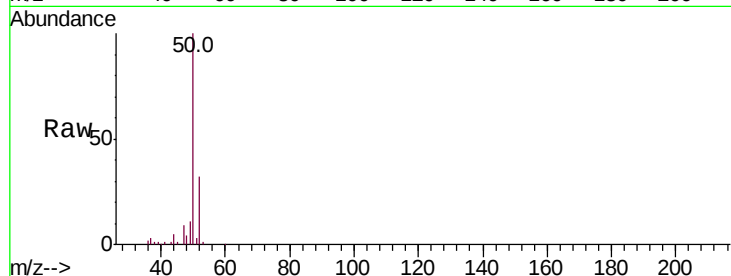
VN1026WBSD01

Tot Ion: 50 Resp: 68600

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 20.015 ug/l

RT: 2.16 min Scan# 131

Delta R.T. -0.00 min

Lab File: VN064314.D

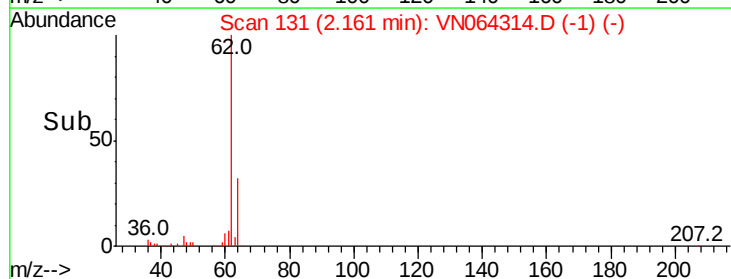
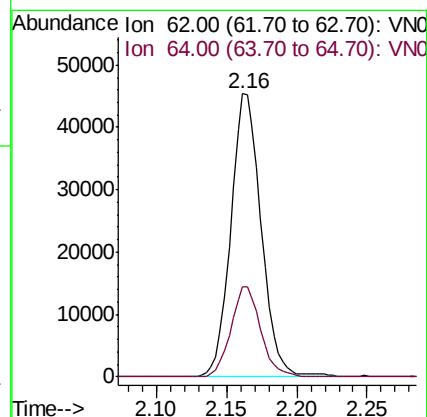
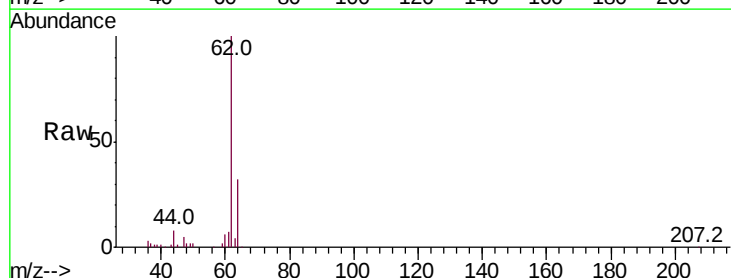
Acq: 26 Oct 2020 21:02

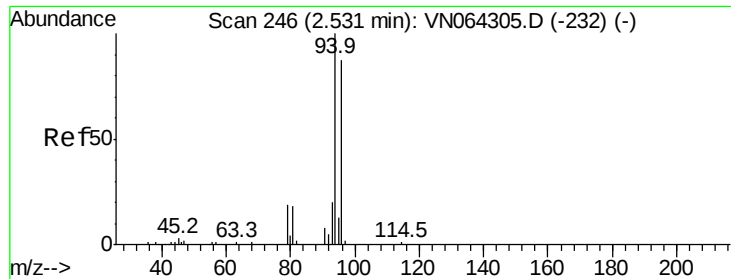
Tgt Ion: 62 Resp: 68407

Ion Ratio Lower Upper

62 100

64 31.6 25.5 38.3





#5

Bromomethane

Concen: 20.414 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

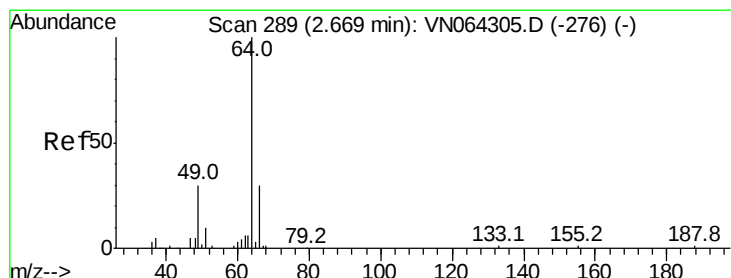
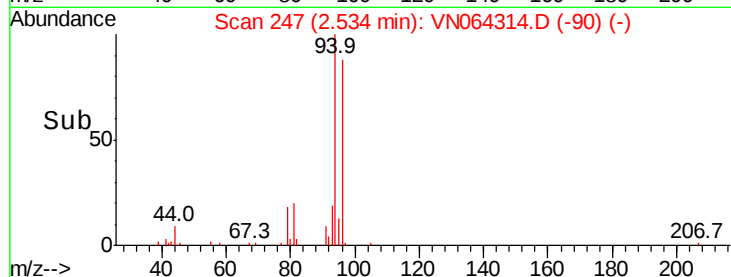
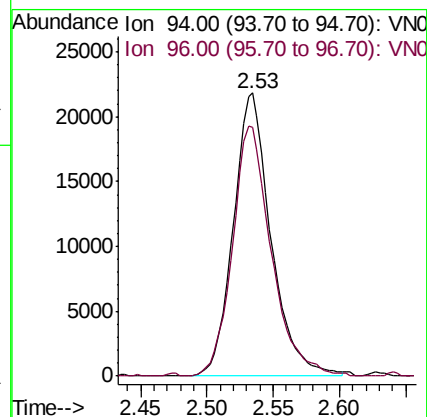
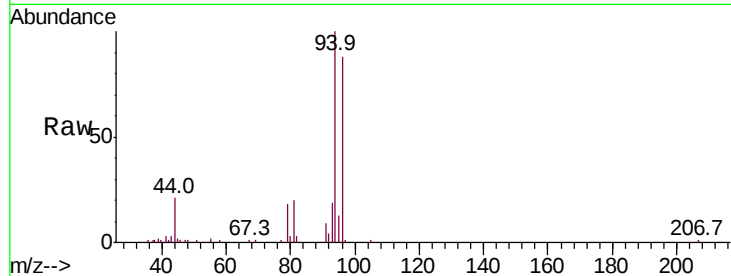
VN1026WBSD01

Tot Ion: 94 Resp: 43065

Ion Ratio Lower Upper

94 100

96 88.0 69.4 104.0



#6

Chloroethane

Concen: 19.410 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064314.D

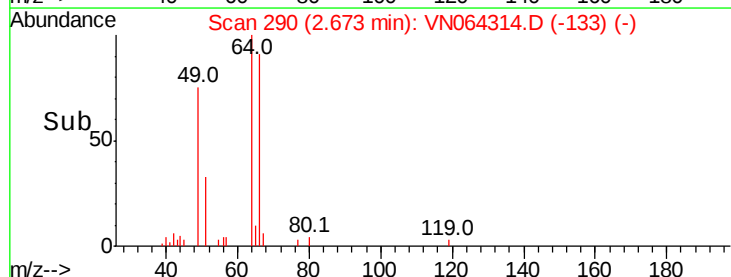
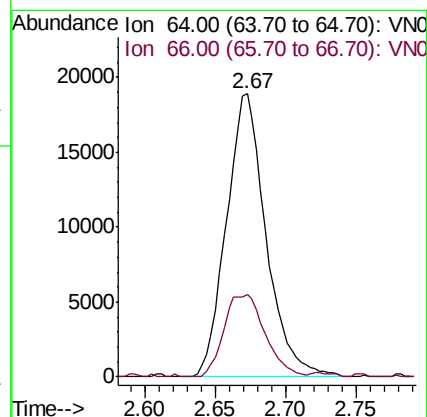
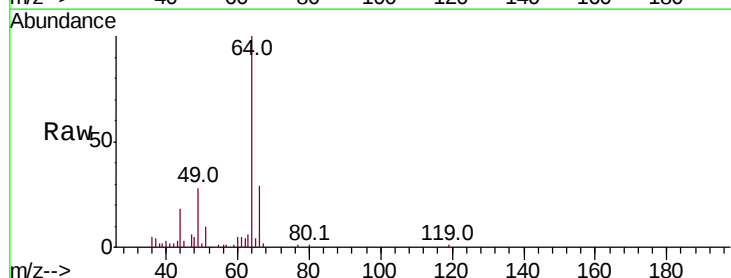
Acq: 26 Oct 2020 21:02

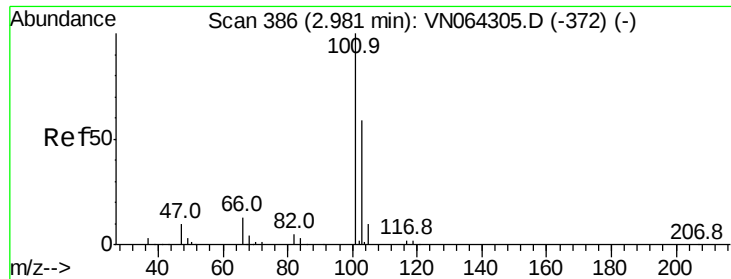
Tgt Ion: 64 Resp: 37056

Ion Ratio Lower Upper

64 100

66 29.0 24.1 36.1



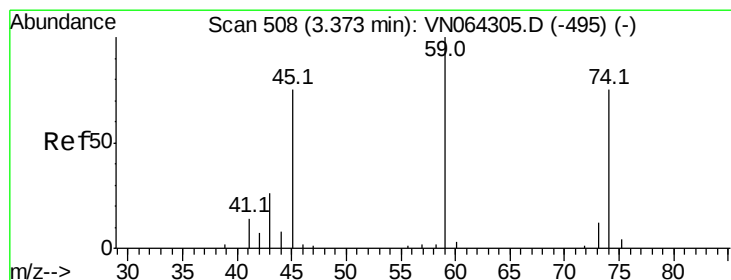
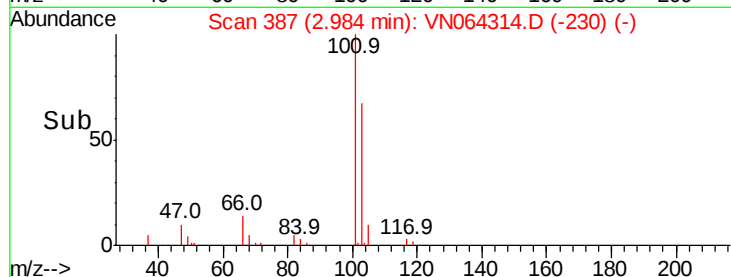
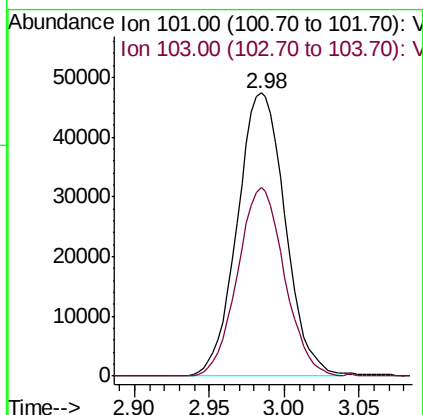
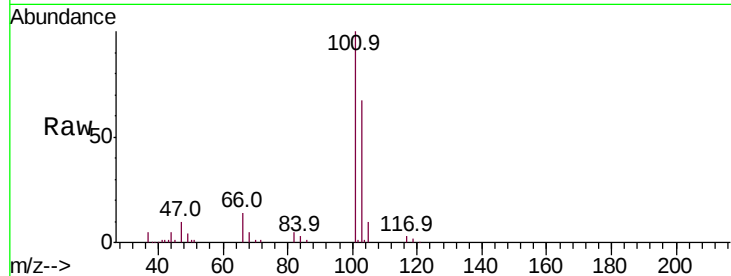


#7

Trichlorofluoromethane
 Concen: 20.045 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

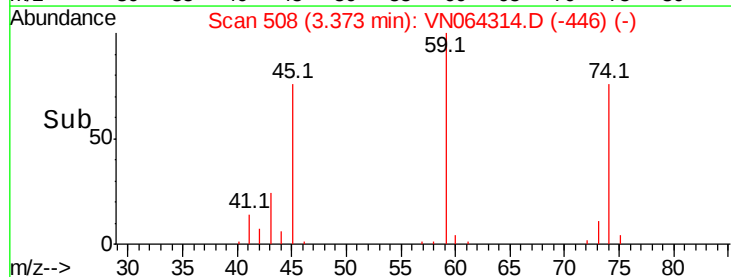
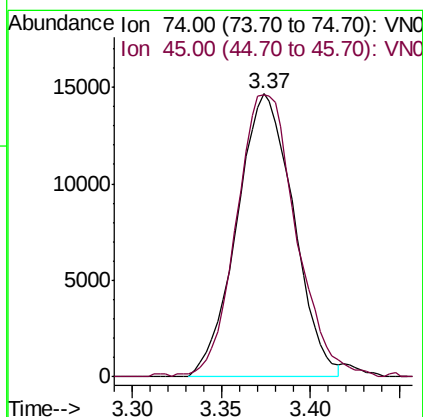
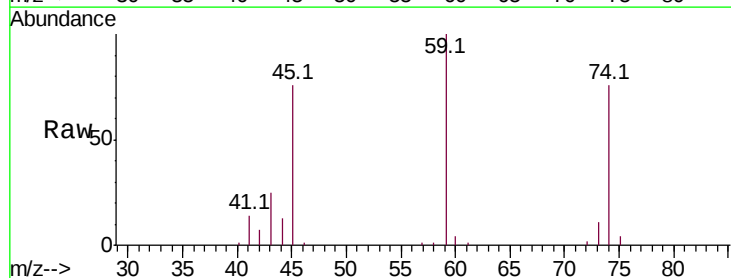
Tot Ion:101 Resp: 105546
 Ion Ratio Lower Upper
 101 100
 103 66.7 47.1 70.7

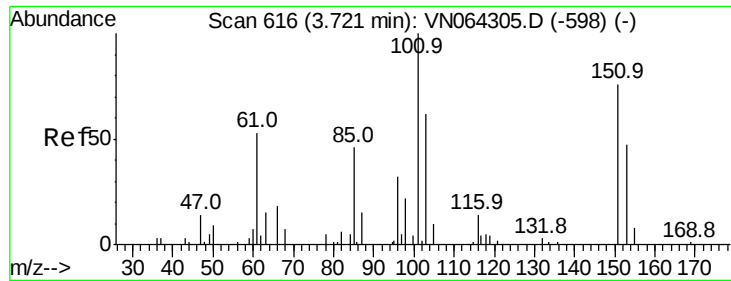


#8

Diethyl Ether
 Concen: 19.274 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 74 Resp: 32510
 Ion Ratio Lower Upper
 74 100
 45 104.7 20.4 183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.698 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

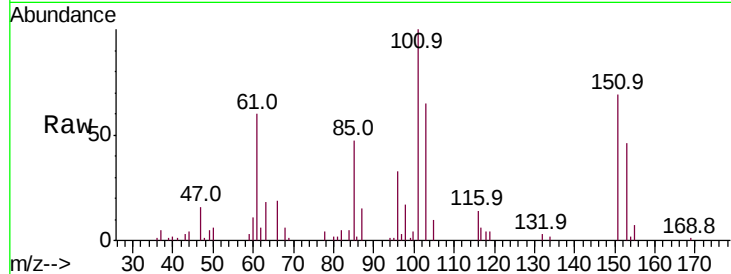
Tot Ion:101 Resp: 52834

Ion Ratio Lower Upper

101 100

85 45.4 0.0 96.2

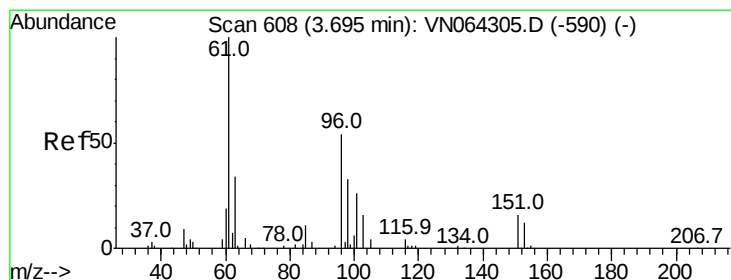
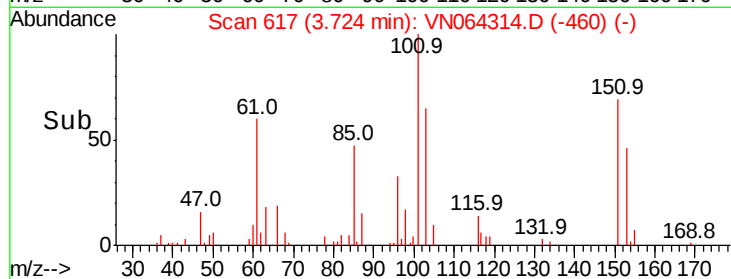
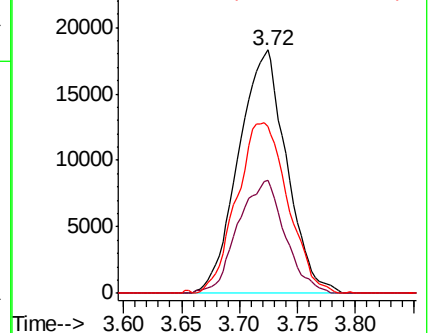
151 74.4 0.0 154.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.948 ug/l

RT: 3.70 min Scan# 608

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

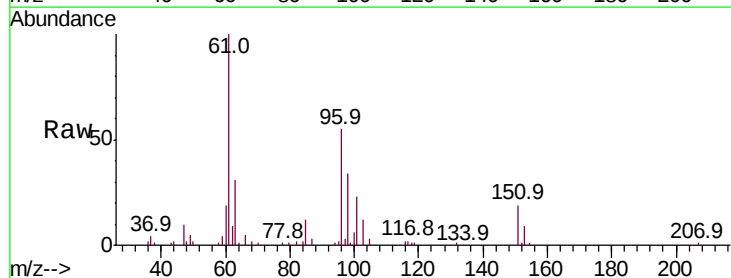
Tgt Ion: 96 Resp: 51415

Ion Ratio Lower Upper

96 100

61 183.0 147.4 221.2

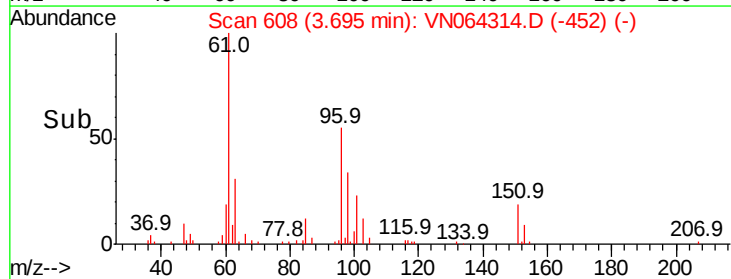
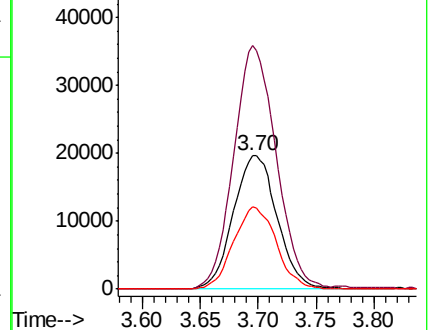
98 62.2 48.8 73.2

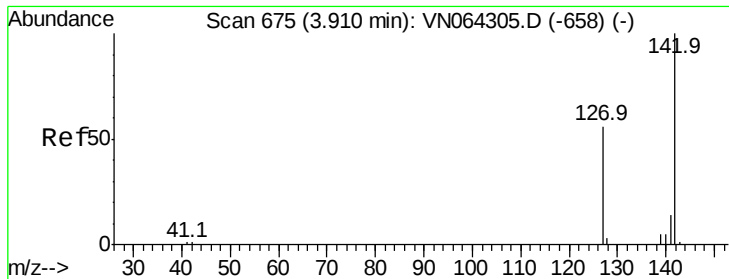


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0

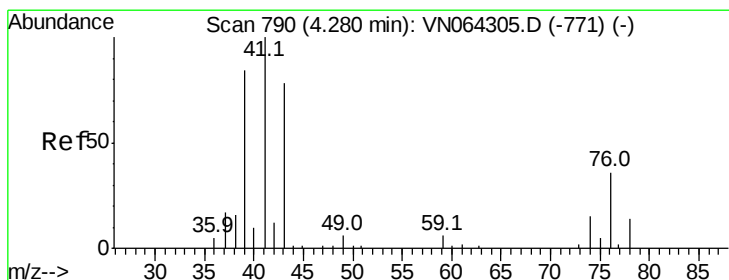
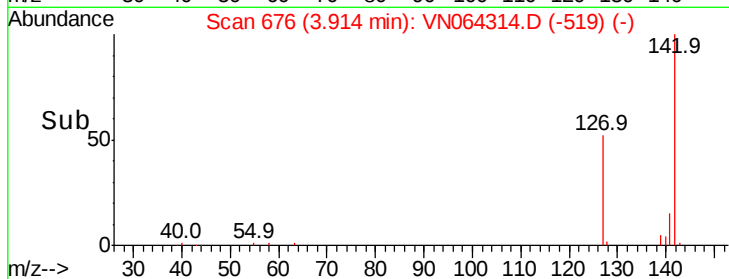
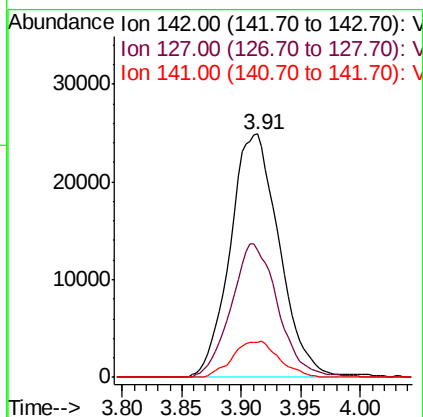
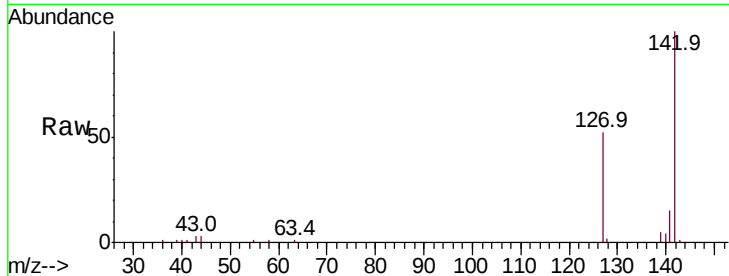




#11
Methyl Iodide
Concen: 19.213 ug/l
RT: 3.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

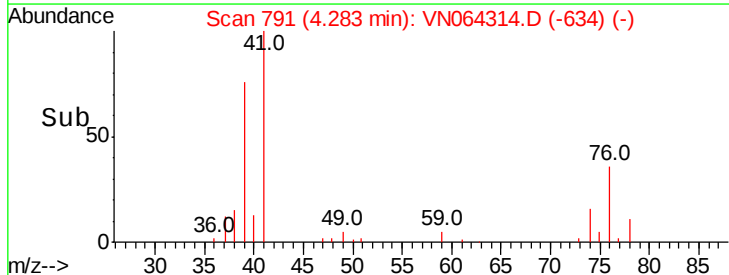
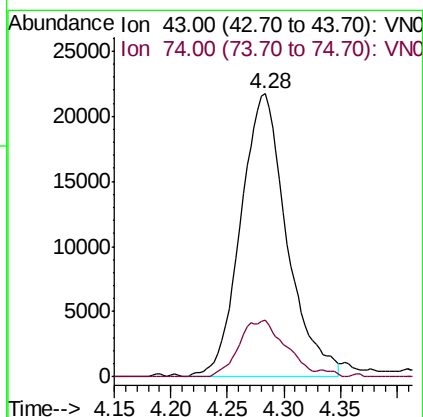
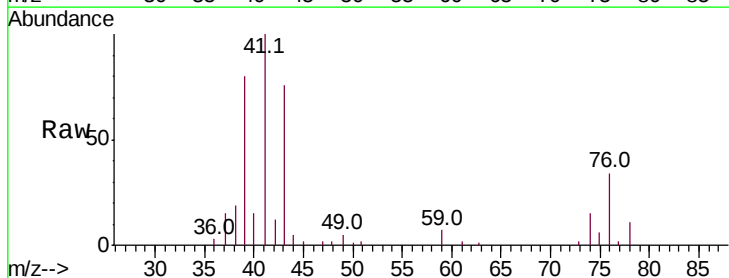
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

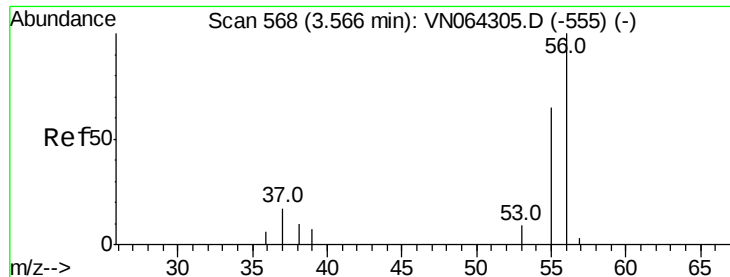
Tot Ion:142 Resp: 70910
Ion Ratio Lower Upper
142 100
127 52.1 27.9 83.7
141 14.7 7.1 21.3



#12
Methyl Acetate
Concen: 19.982 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 43 Resp: 61671
Ion Ratio Lower Upper
43 100
74 20.0 15.4 23.0





#13

Acrolein

Concen: 39.992 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

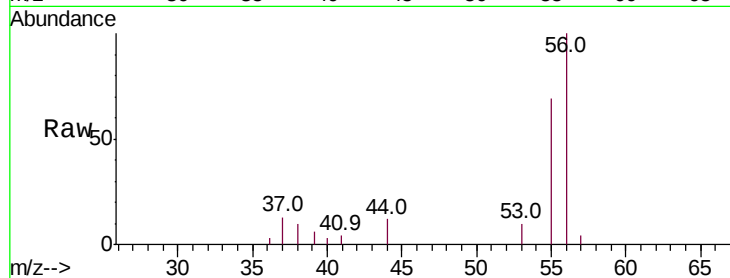
VN1026WBSD01

Tot Ion: 56 Resp: 8152

Ion Ratio Lower Upper

56 100

55 148.4 55.5 83.3#



Abundance Ion 56.00 (55.70 to 56.70): VN064314.D (-555) (-)

Ion 55.00 (54.70 to 55.70): VN064314.D (-555) (-)

3.56

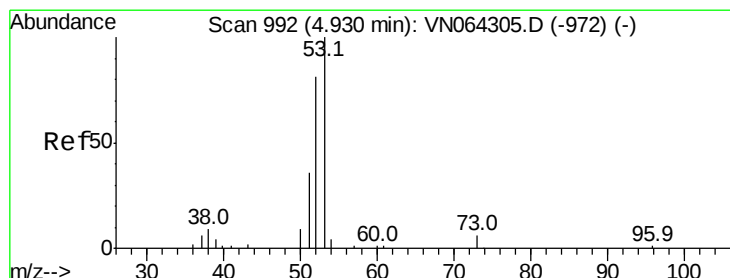
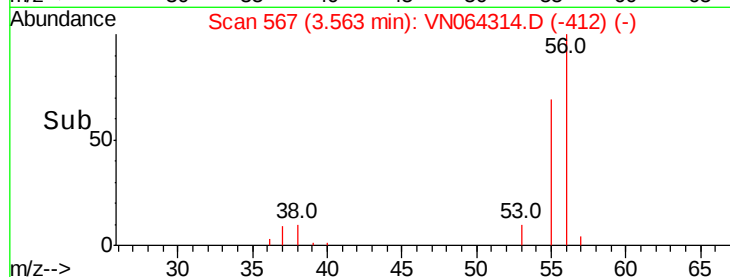
6000

4000

2000

0

Time-->



#14

Acrylonitrile

Concen: 97.106 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

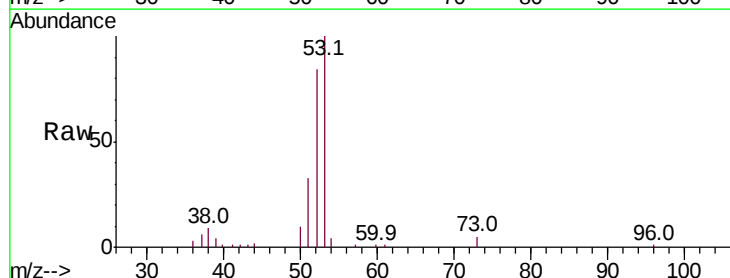
Tgt Ion: 53 Resp: 130358

Ion Ratio Lower Upper

53 100

52 84.9 41.7 125.1

51 36.1 19.4 58.2



Abundance Ion 53.00 (52.70 to 53.70): VN064314.D (-972) (-)

Ion 52.00 (51.70 to 52.70): VN064314.D (-972) (-)

Ion 51.00 (50.70 to 51.70): VN064314.D (-972) (-)

4.93

50000

40000

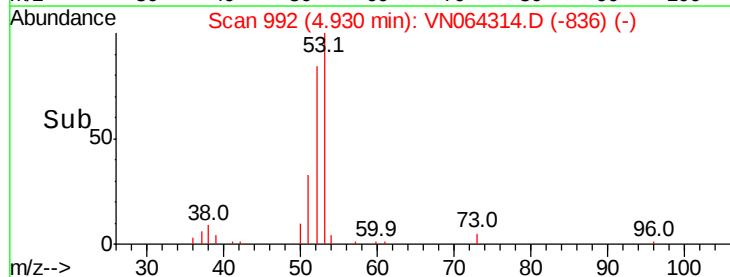
30000

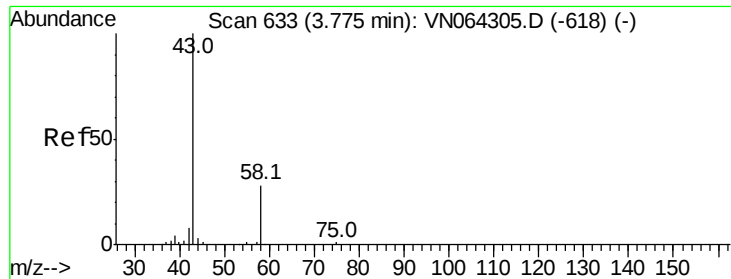
20000

10000

0

Time-->





#15

Acetone

Concen: 97.046 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

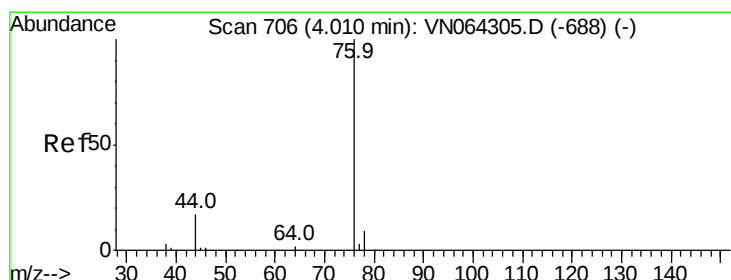
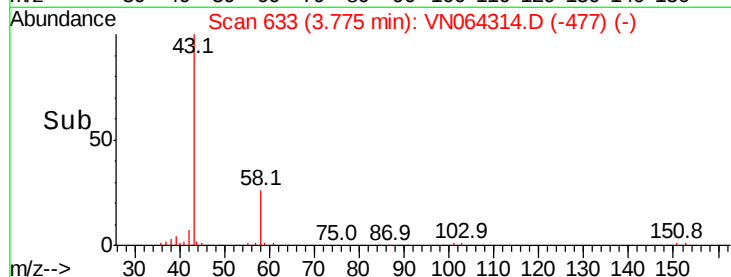
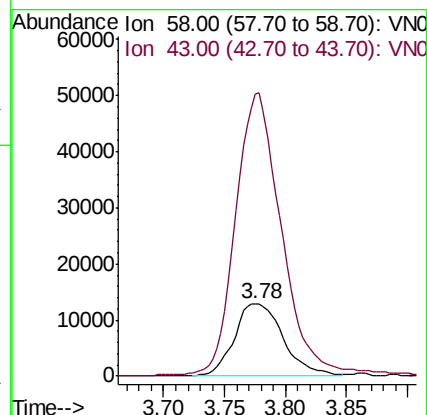
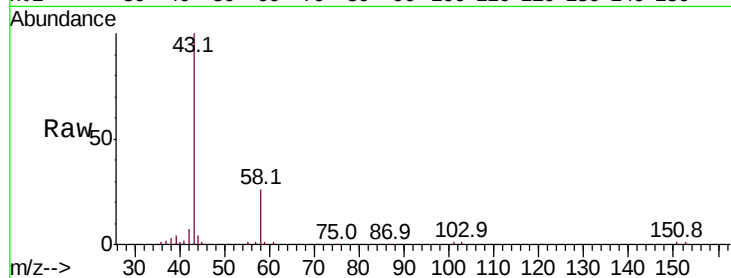
VN1026WBSD01

Tot Ion: 58 Resp: 35836

Ion Ratio Lower Upper

58 100

43 383.3 289.9 434.9



#16

Carbon Disulfide

Concen: 18.537 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064314.D

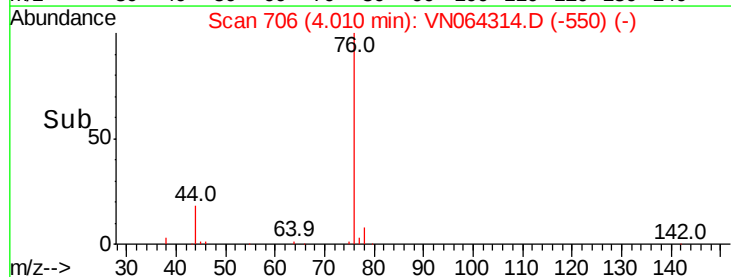
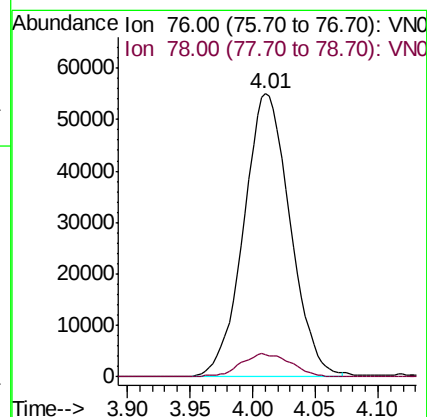
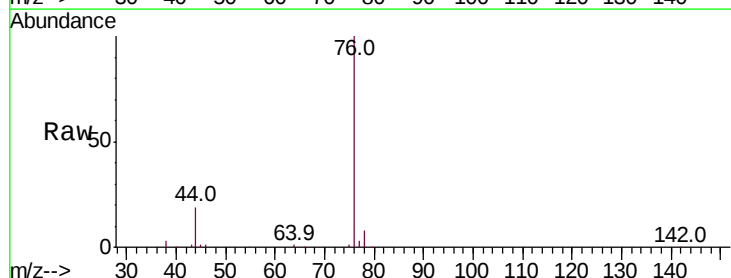
Acq: 26 Oct 2020 21:02

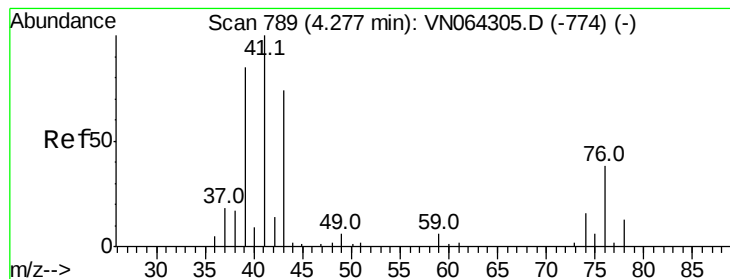
Tgt Ion: 76 Resp: 141820

Ion Ratio Lower Upper

76 100

78 7.9 7.0 10.4





#17

Allvl chloride

Concen: 18.215 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

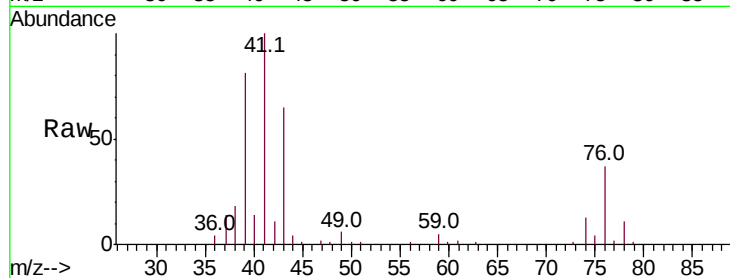
Tot Ion: 41 Resp: 89141

Ion Ratio Lower Upper

41 100

39 80.5 40.3 120.9

76 37.4 17.6 52.9

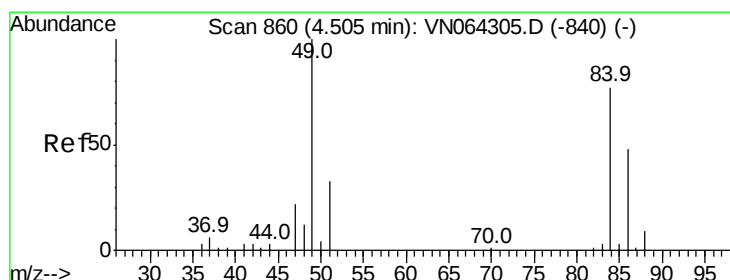
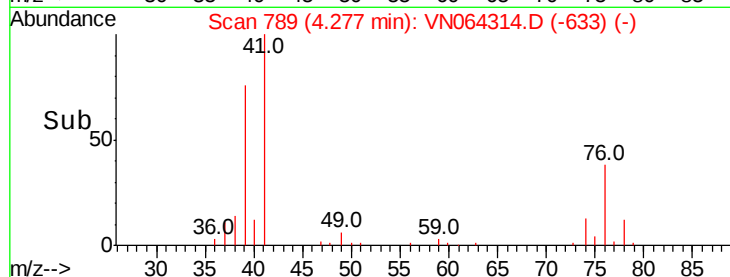
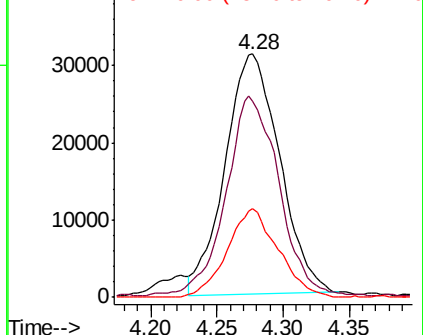


Abundance

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 76.00 (75.70 to 76.70): VNO



#18

Methylene Chloride

Concen: 19.015 ug/l

RT: 4.51 min Scan# 860

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion: 84 Resp: 55809

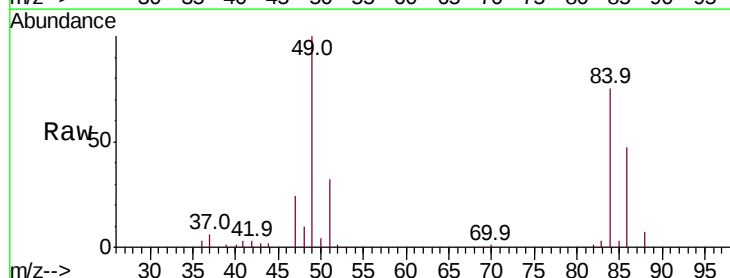
Ion Ratio Lower Upper

84 100

49 131.8 103.1 154.7

51 43.0 33.8 50.8

86 62.2 49.8 74.8



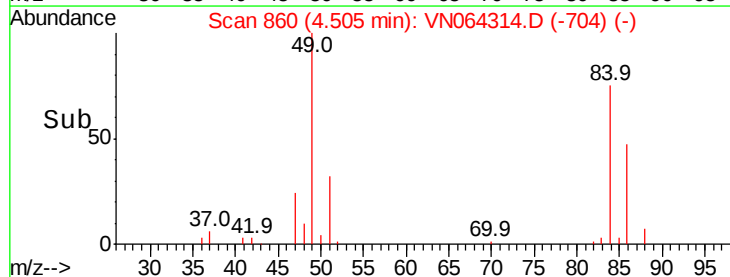
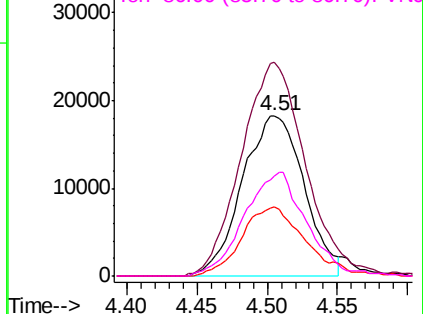
Abundance

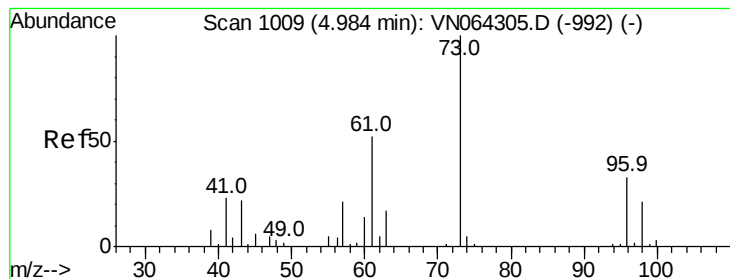
Ion 84.00 (83.70 to 84.70): VNO

Ion 49.00 (48.70 to 49.70): VNO

Ion 51.00 (50.70 to 51.70): VNO

Ion 86.00 (85.70 to 86.70): VNO





#19

trans-1,2-Dichloroethene

Concen: 19.417 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

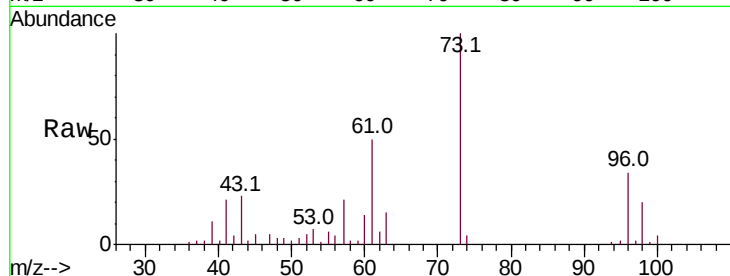
Tot Ion: 96 Resp: 54317

Ion Ratio Lower Upper

96 100

61 147.8 126.9 190.3

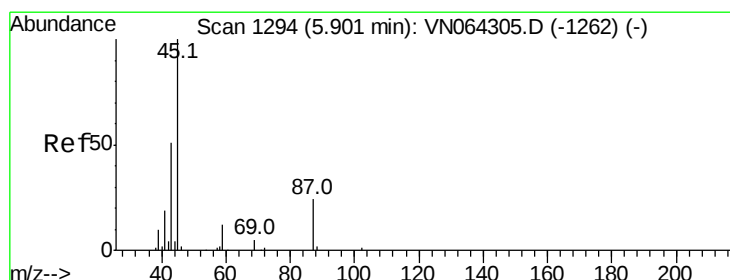
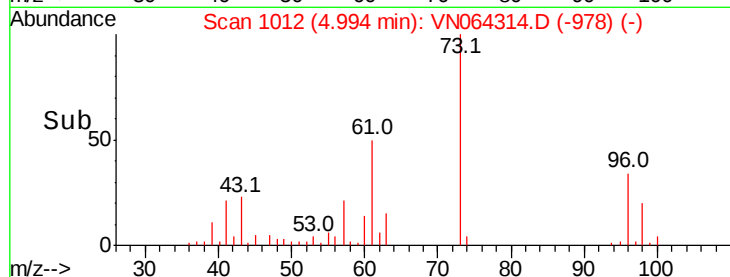
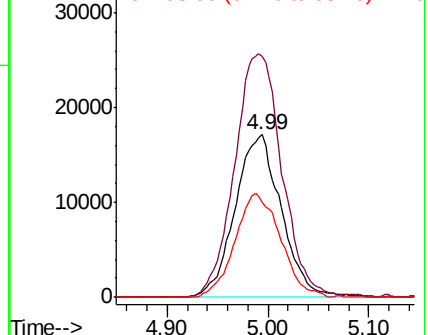
98 58.2 50.6 76.0



Abundance Ion 96.00 (95.70 to 96.70): VN064305.D (-992) (-)

Ion 61.00 (60.70 to 61.70): VN064305.D (-992) (-)

Ion 98.00 (97.70 to 98.70): VN064305.D (-992) (-)



#20

Diisopropyl ether

Concen: 19.357 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion: 45 Resp: 191748

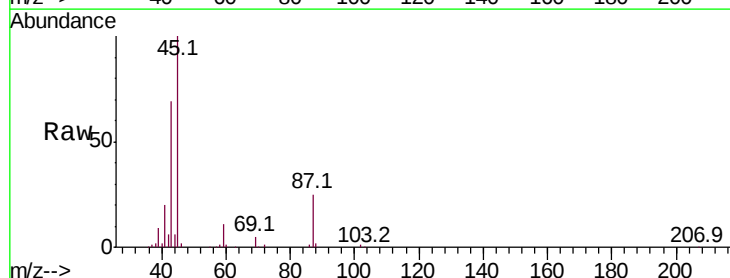
Ion Ratio Lower Upper

45 100

43 67.0 56.6 85.0

87 25.1 20.3 30.5

59 10.7 10.1 15.1

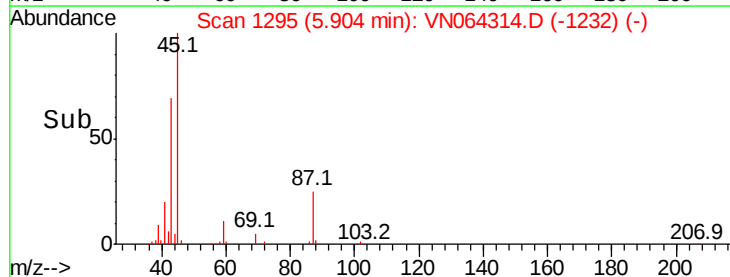
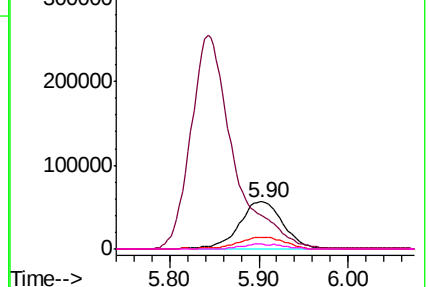


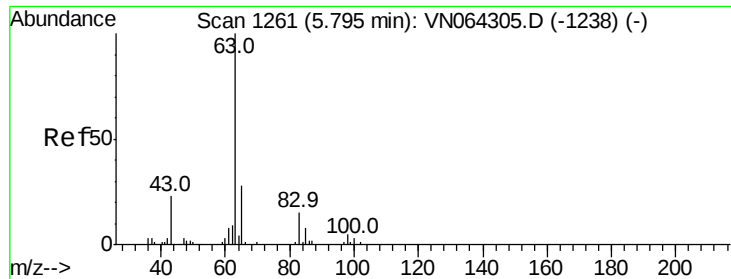
Abundance Ion 45.00 (44.70 to 45.70): VN064305.D (-1262) (-)

Ion 43.00 (42.70 to 43.70): VN064305.D (-1262) (-)

Ion 87.00 (86.70 to 87.70): VN064305.D (-1262) (-)

Ion 59.00 (58.70 to 59.70): VN064305.D (-1262) (-)





#21

1,1-Dichloroethane

Concen: 19.785 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

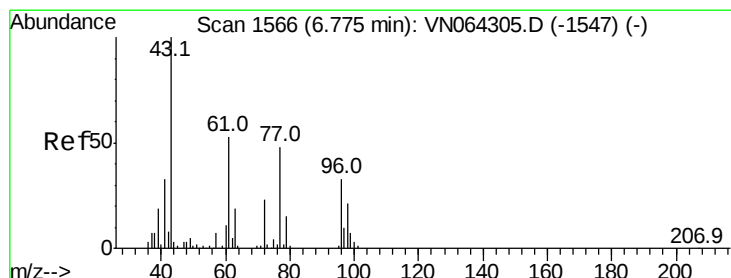
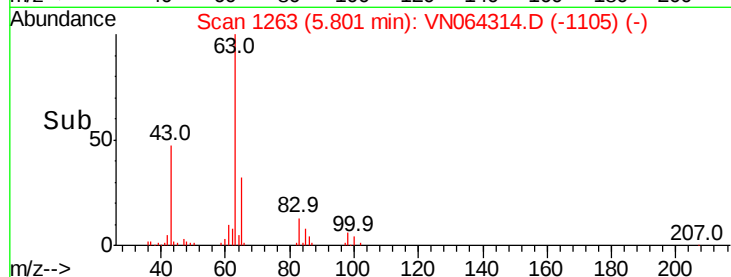
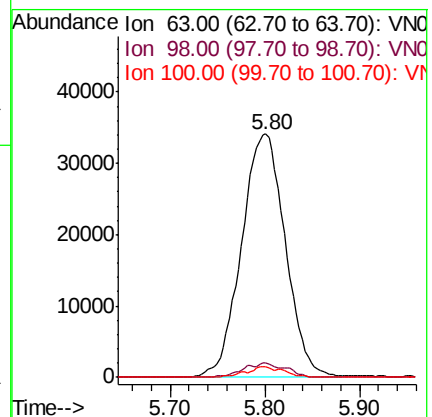
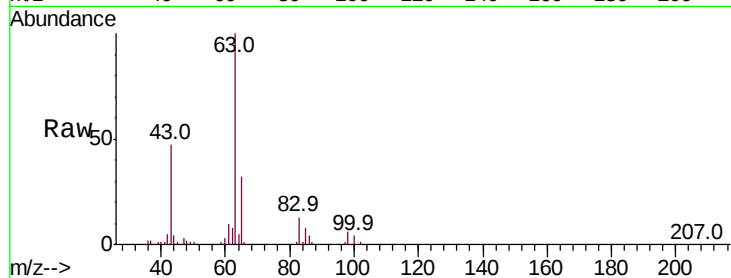
Tot Ion: 63 Resp: 109781

Ion Ratio Lower Upper

63 100

98 5.8 2.6 8.0

100 4.2 1.6 4.8



#22

cis-1,2-Dichloroethene

Concen: 19.487 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.01 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

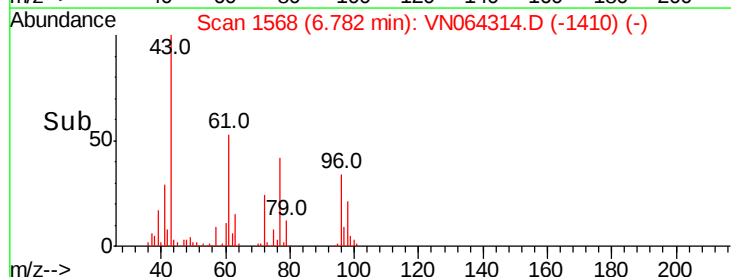
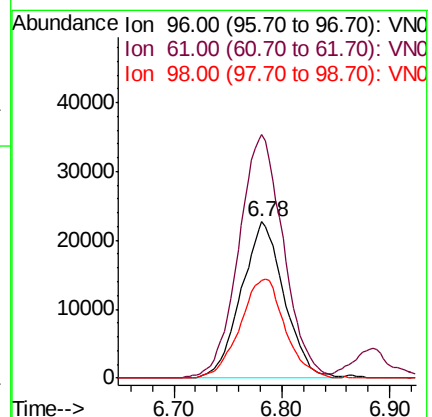
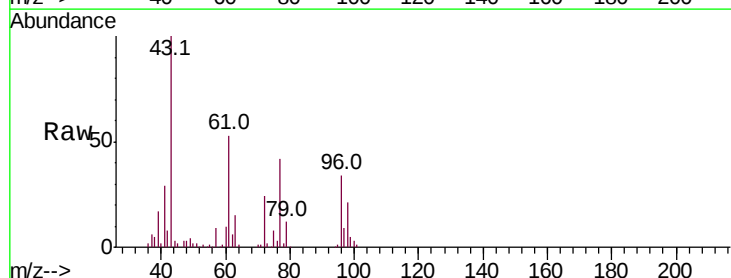
Tgt Ion: 96 Resp: 62901

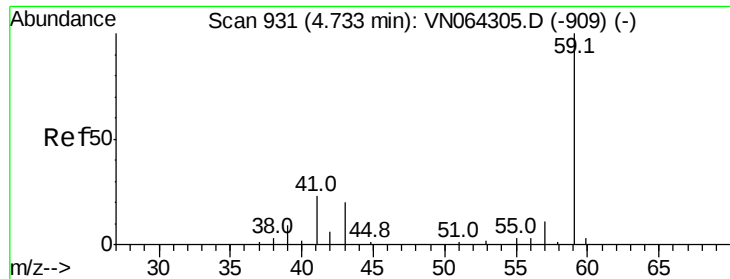
Ion Ratio Lower Upper

96 100

61 161.9 133.0 199.6

98 66.1 51.6 77.4

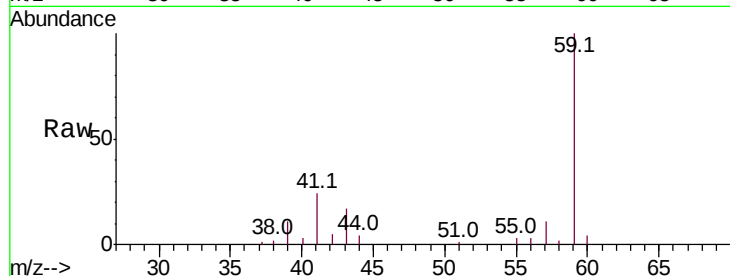




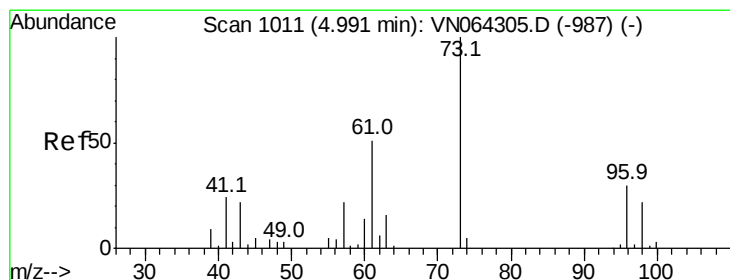
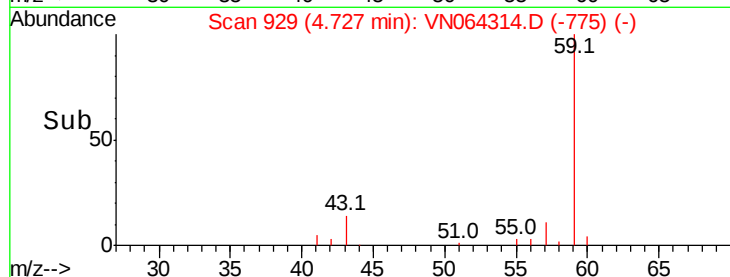
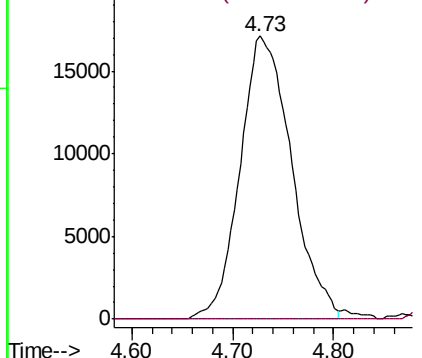
#23
 tert-Butyl Alcohol
 Concen: 99.095 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion: 59 Resp: 60545
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0

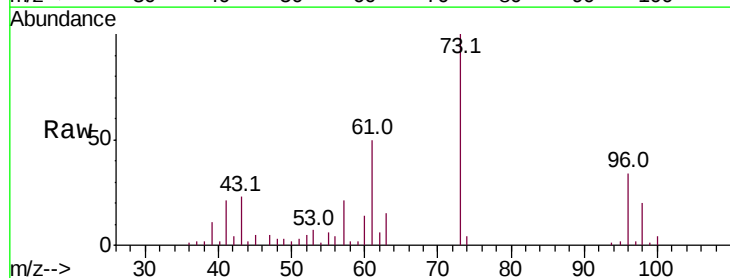


Abundance Ion 59.00 (58.70 to 59.70): VN0
 Ion 52.00 (51.70 to 52.70): VN0

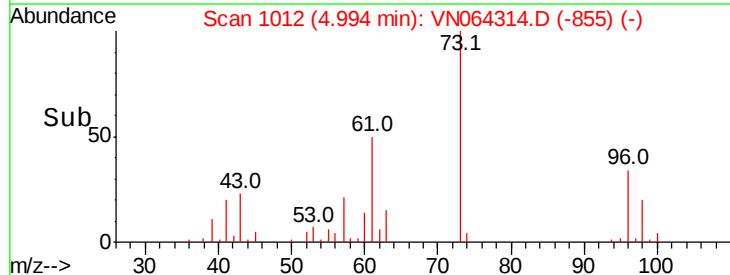
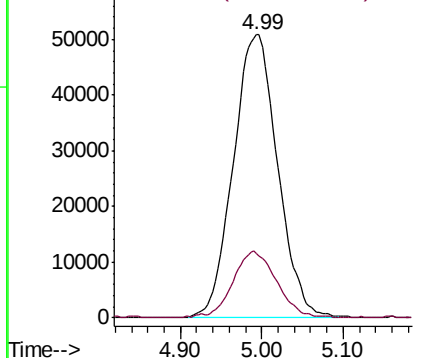


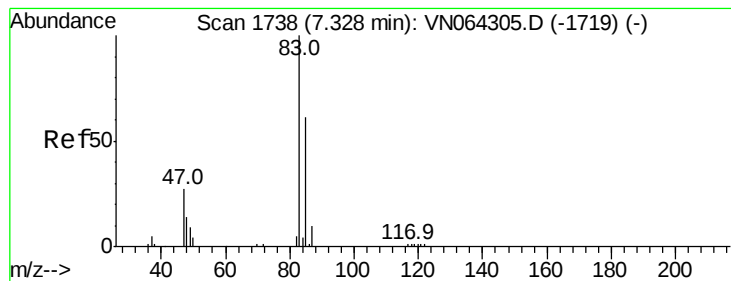
#24
 Methyl tert-Butyl Ether
 Concen: 19.696 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 73 Resp: 191769
 Ion Ratio Lower Upper
 73 100
 43 22.9 19.4 29.2



Abundance Ion 73.00 (72.70 to 73.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0





#25

Chloroform

Concen: 20.015 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

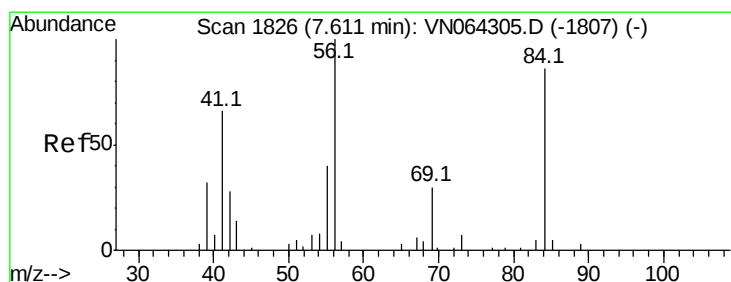
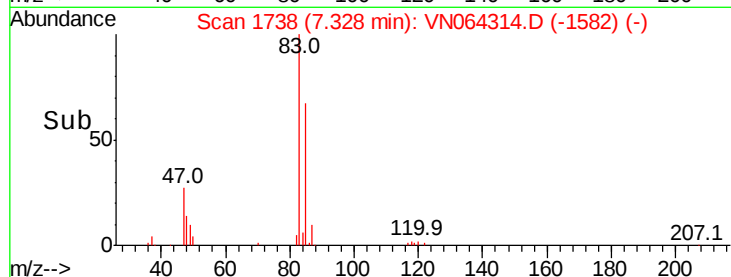
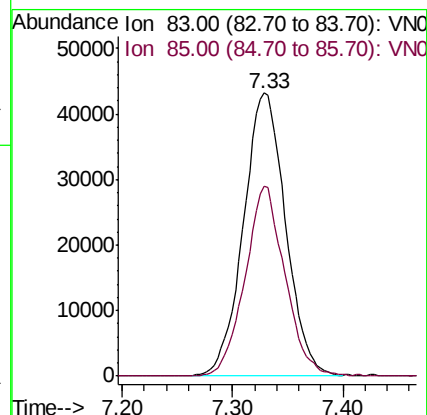
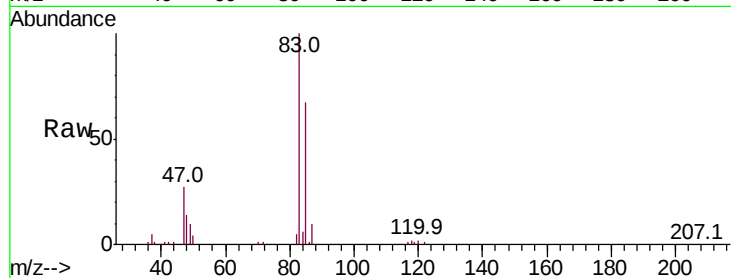
VN1026WBSD01

Tot Ion: 83 Resp: 114565

Ion Ratio Lower Upper

83 100

85 67.0 48.6 73.0



#26

Cyclohexane

Concen: 19.111 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

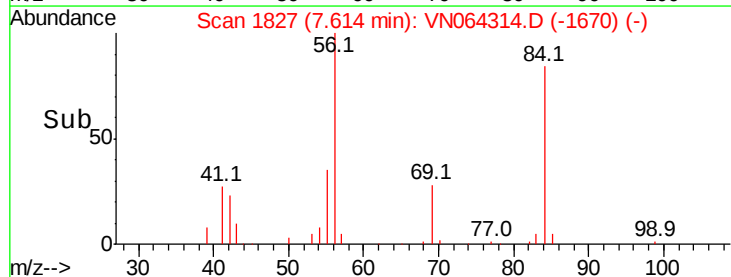
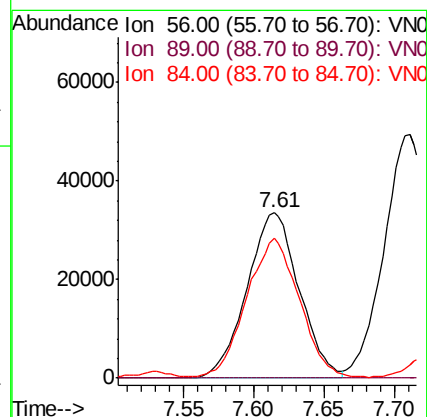
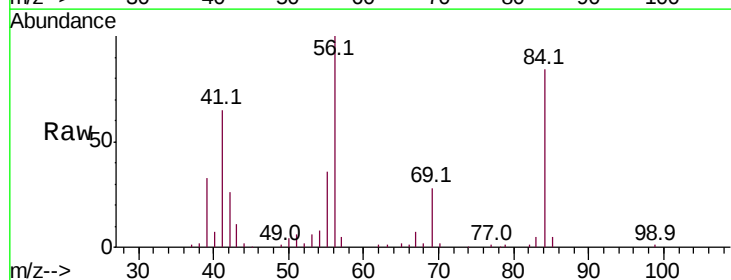
Tgt Ion: 56 Resp: 86866

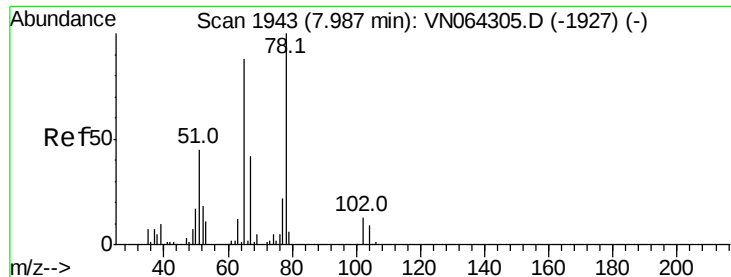
Ion Ratio Lower Upper

56 100

89 0.0 1.0 1.6#

84 84.4 67.5 101.3





#27

1,2-Dichloroethane-d4

Concen: 31.347 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

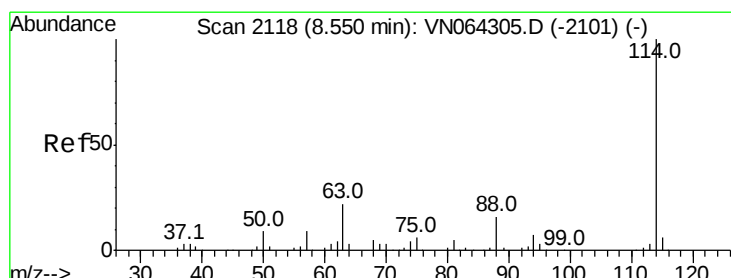
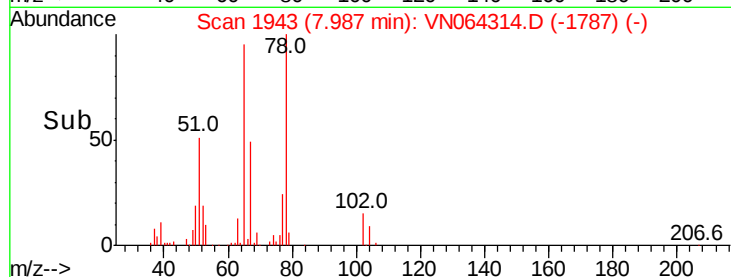
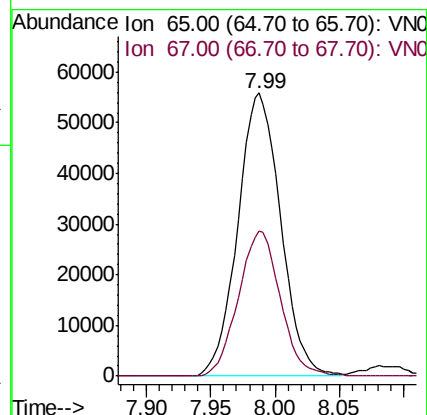
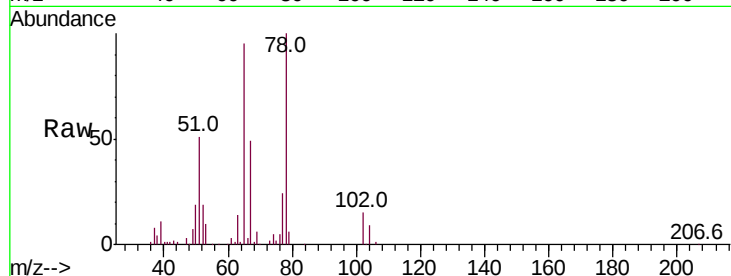
VN1026WBSD01

Tot Ion: 65 Resp: 129367

Ion Ratio Lower Upper

65 100

67 50.0 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: VN064314.D

Acq: 26 Oct 2020 21:02

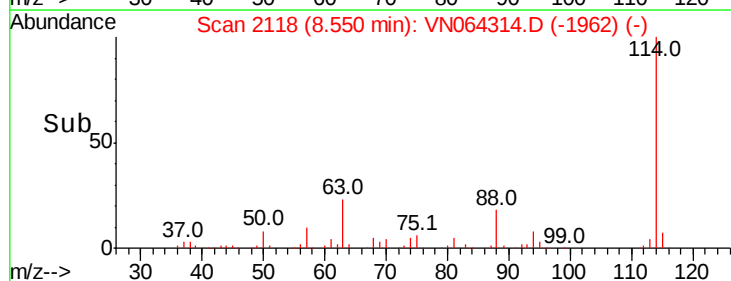
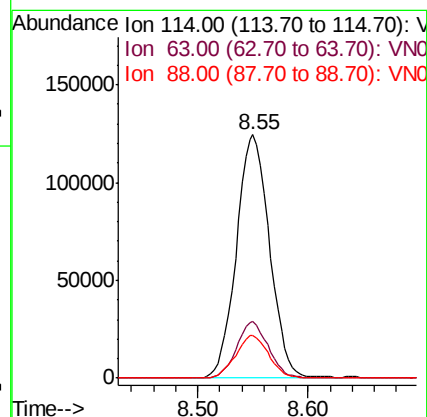
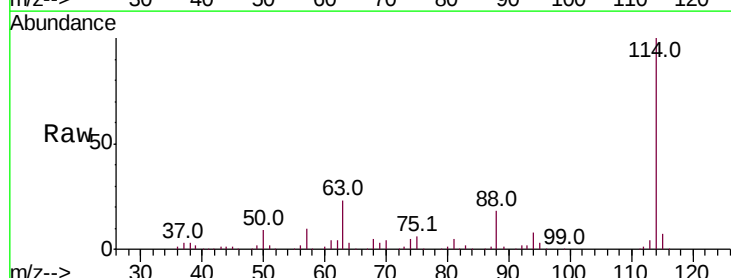
Tgt Ion: 114 Resp: 259378

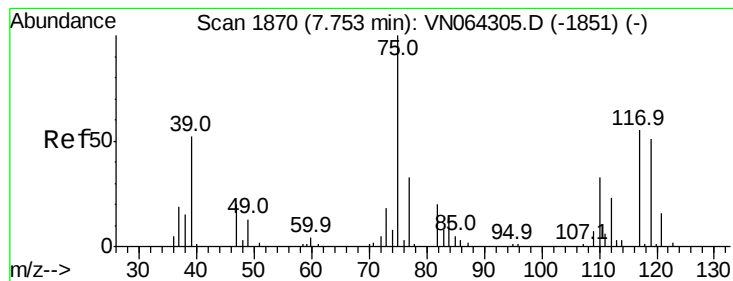
Ion Ratio Lower Upper

114 100

63 22.2 18.3 27.5

88 17.4 13.2 19.8





#29

1,1-Dichloropropene

Concen: 18.399 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

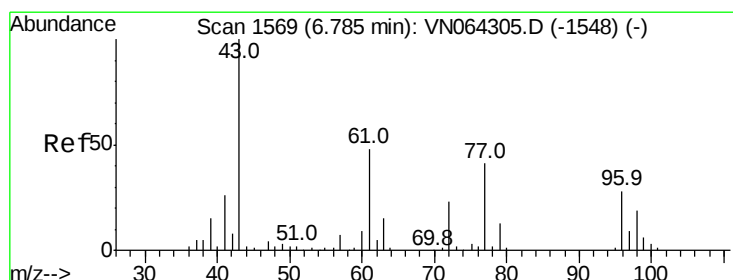
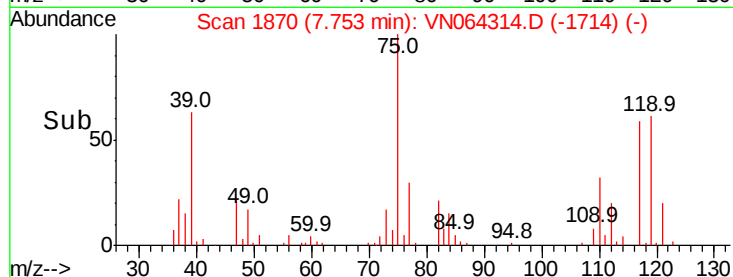
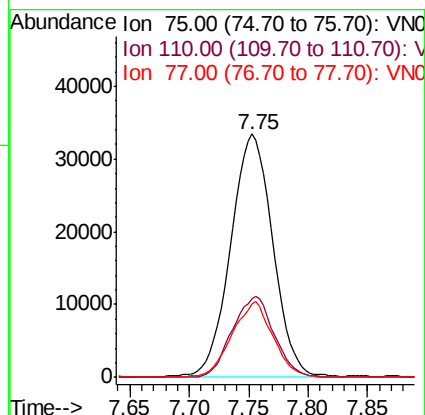
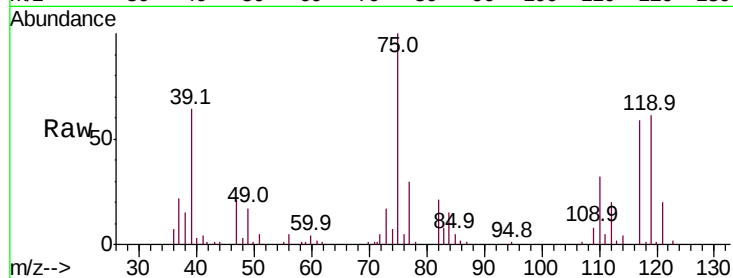
Tot Ion: 75 Resp: 82158

Ion Ratio Lower Upper

75 100

110 33.0 0.0 64.4

77 29.9 0.0 63.6



#30

2-Butanone

Concen: 93.807 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

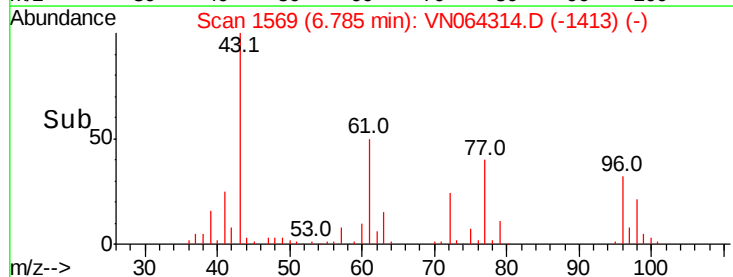
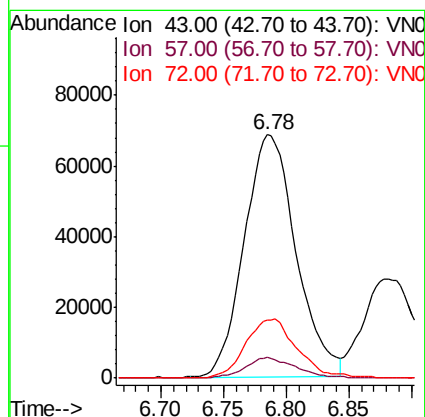
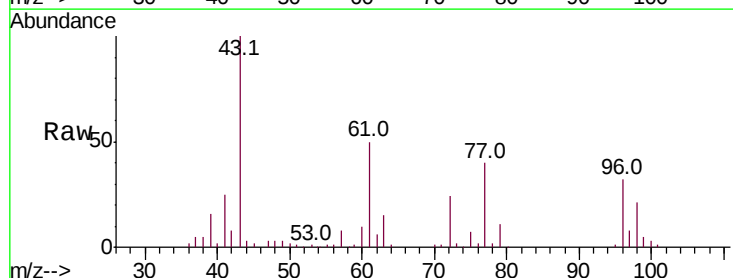
Tgt Ion: 43 Resp: 197372

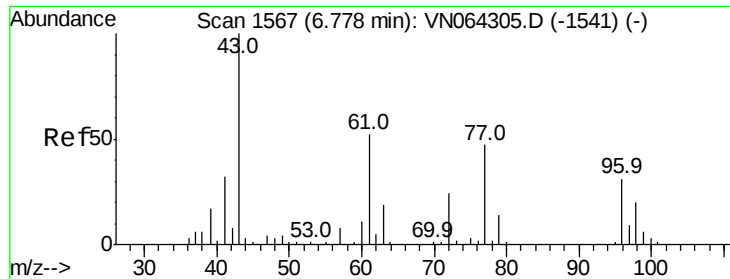
Ion Ratio Lower Upper

43 100

57 8.2 4.1 6.1#

72 24.0 19.0 28.6





#31

2,2-Dichloropropane

Concen: 17.512 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.01 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

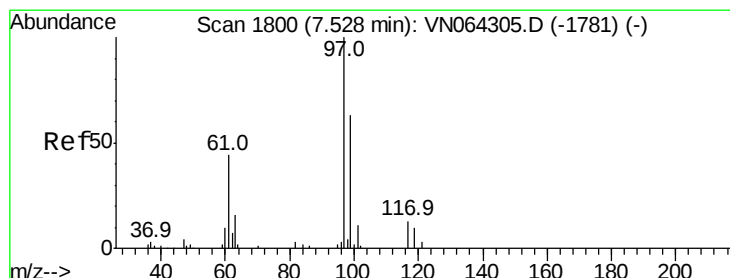
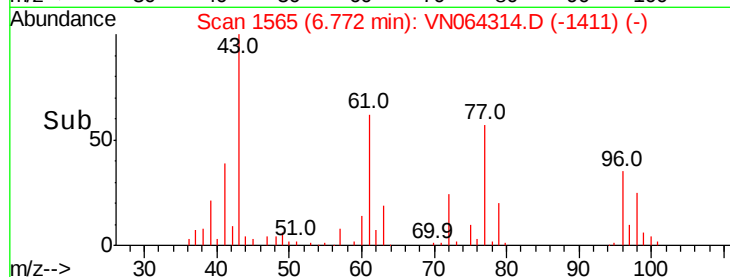
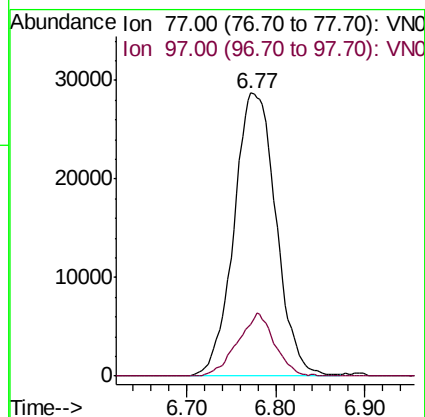
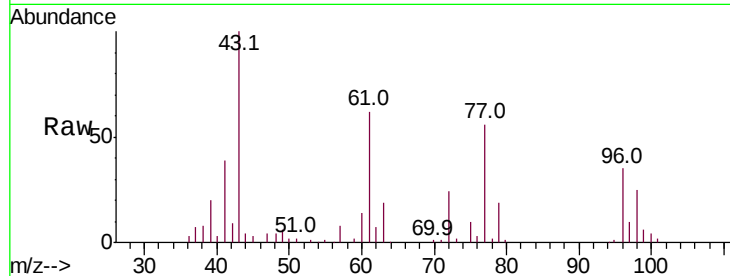
VN1026WBSD01

Tot Ion: 77 Resp: 93934

Ion Ratio Lower Upper

77 100

97 19.5 5.8 8.8#



#32

1,1,1-Trichloroethane

Concen: 18.884 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

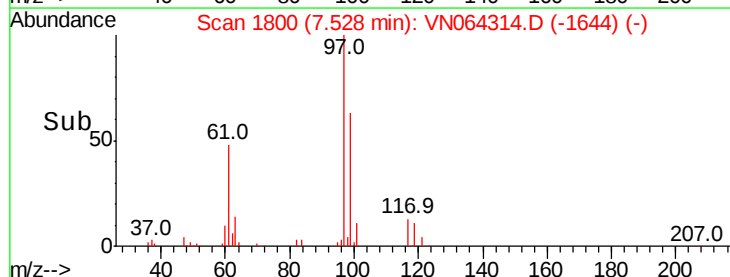
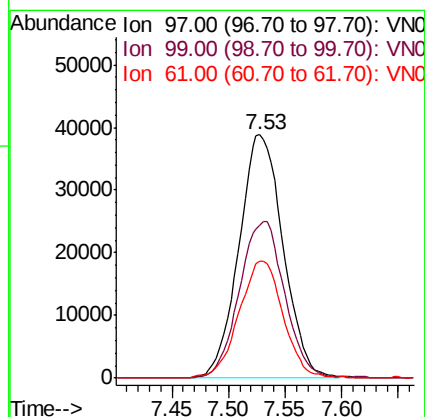
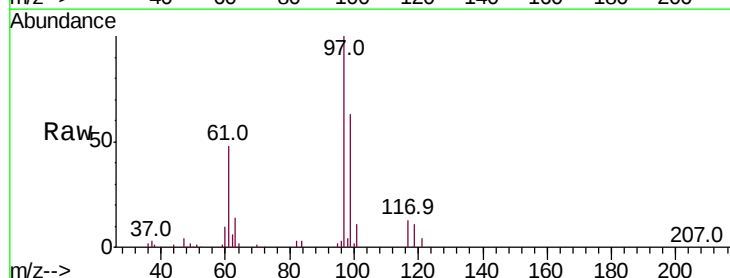
Tgt Ion: 97 Resp: 105551

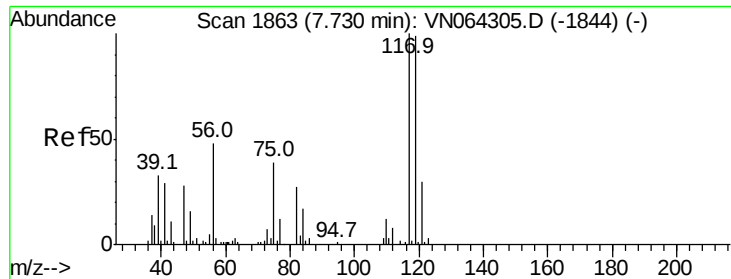
Ion Ratio Lower Upper

97 100

99 65.7 51.6 77.4

61 47.9 36.4 54.6





#33

Carbon Tetrachloride

Concen: 18.712 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.01 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

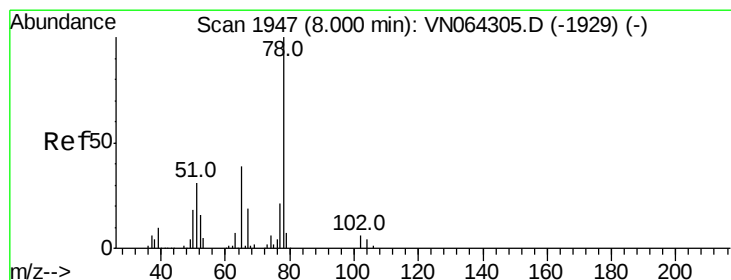
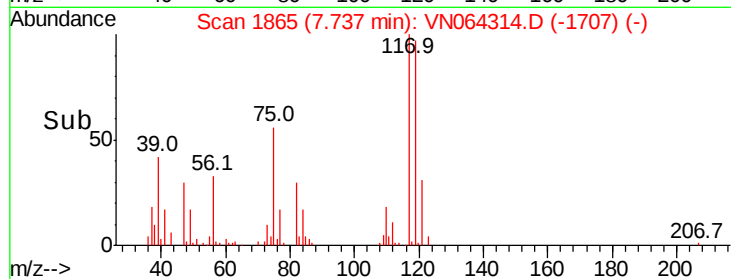
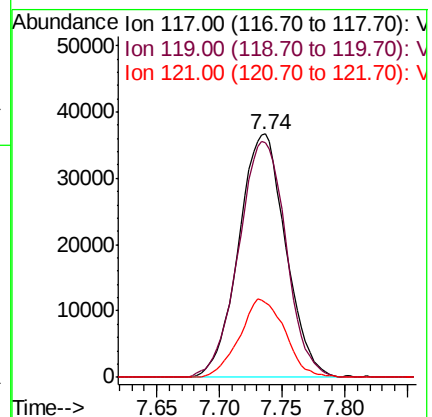
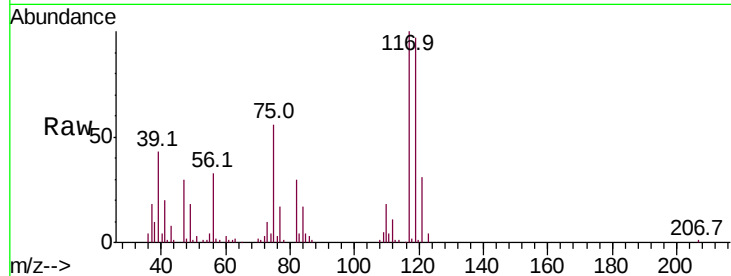
Tot Ion:117 Resp: 95700

Ion Ratio Lower Upper

117 100

119 96.6 79.3 118.9

121 30.8 24.6 37.0



#34

Benzene

Concen: 18.744 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

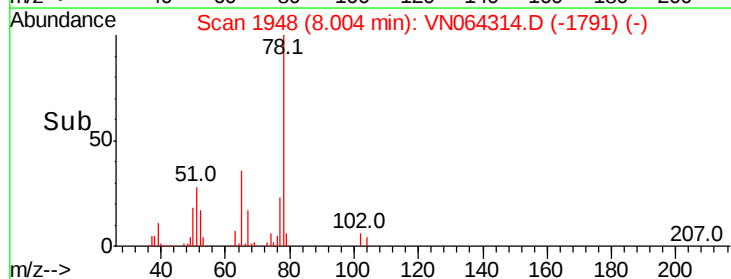
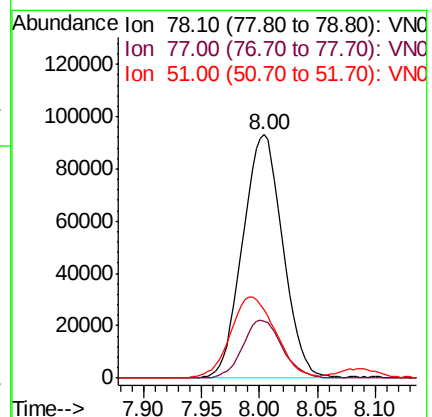
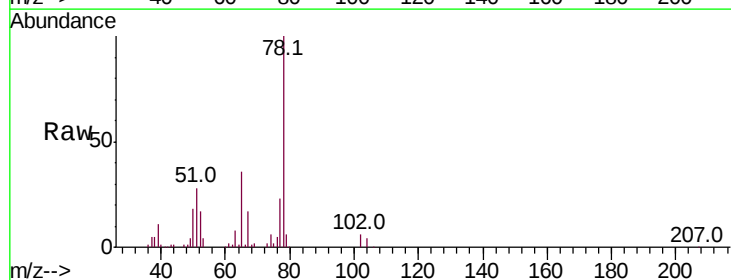
Tgt Ion: 78 Resp: 224627

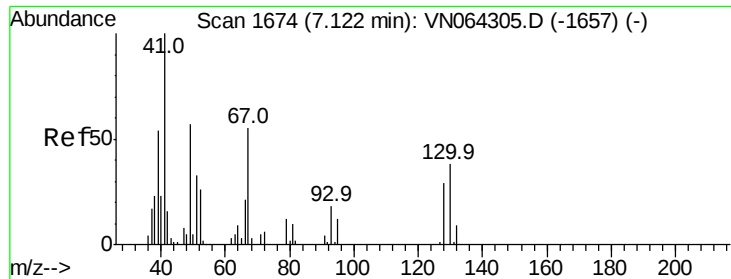
Ion Ratio Lower Upper

78 100

77 23.3 16.5 24.7

51 27.5 24.5 36.7

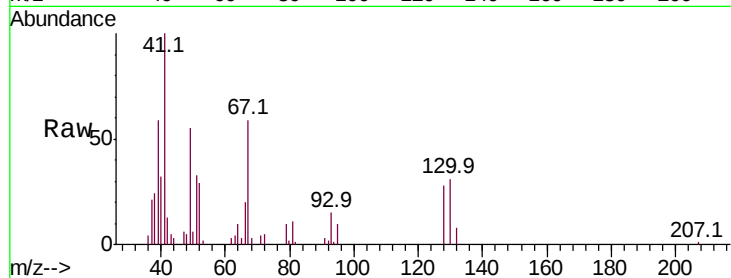




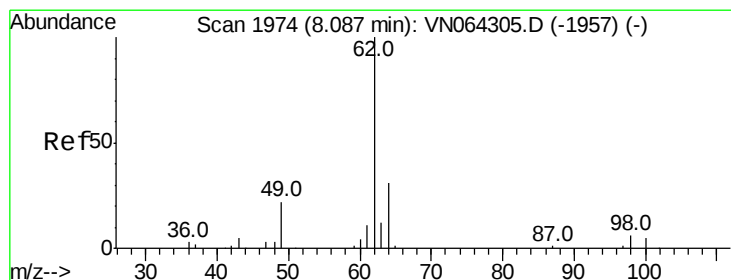
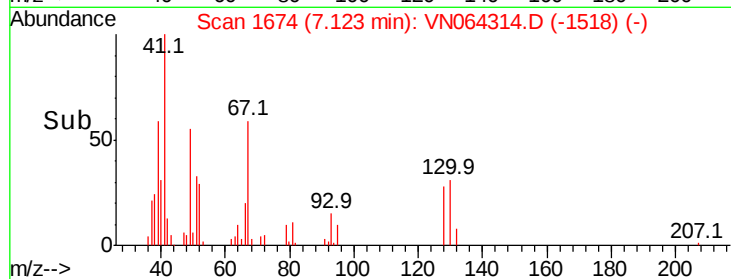
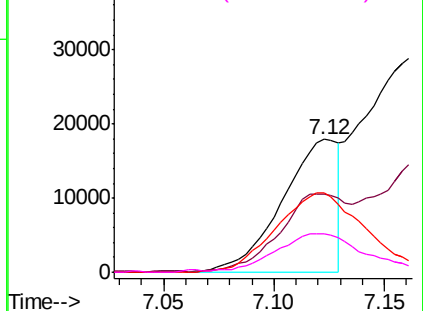
#35
Methacrylonitrile
Concen: 14.427 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion: 41 Resp: 31700
Ion Ratio Lower Upper
41 100
39 58.9 27.1 81.2
67 59.4 27.7 83.1
52 27.2 13.2 39.5

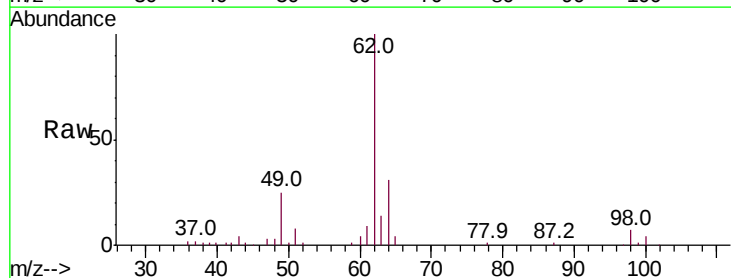


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

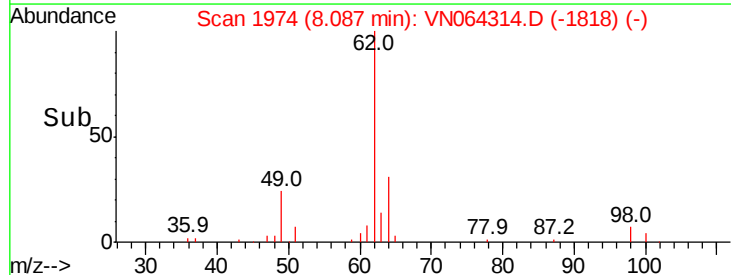
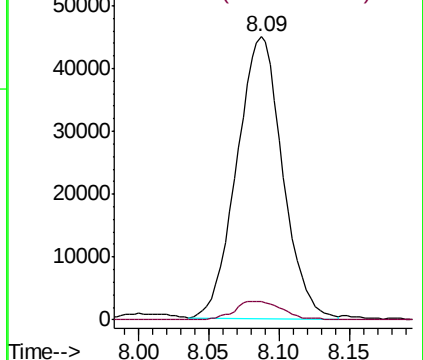


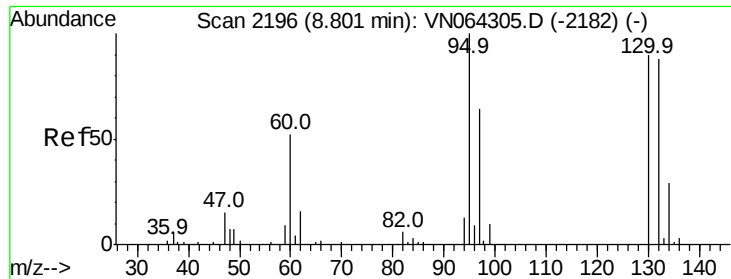
#36
1,2-Dichloroethane
Concen: 19.088 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 62 Resp: 101609
Ion Ratio Lower Upper
62 100
98 6.7 3.4 5.0#



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





#37

Trichloroethene

Concen: 18.708 ug/l

RT: 8.80 min Scan# 2197

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

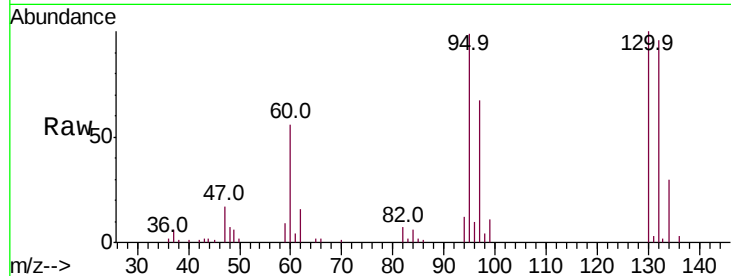
VN1026WBSD01

Tot Ion:130 Resp: 61151

Ion Ratio Lower Upper

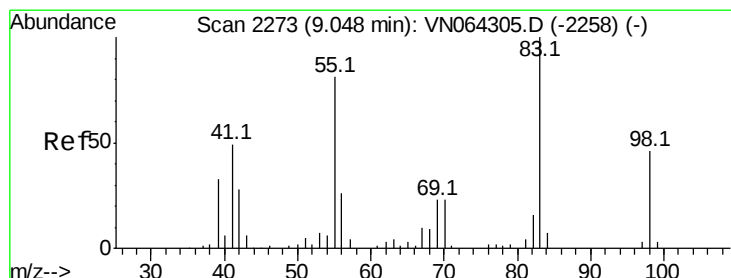
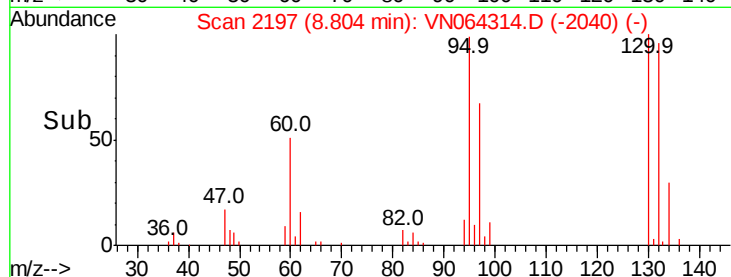
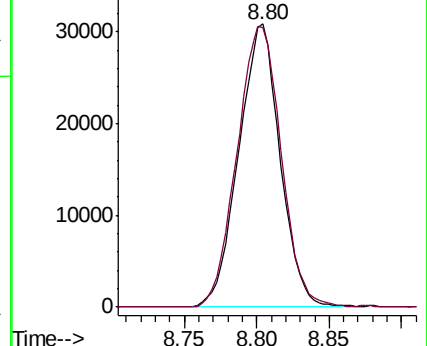
130 100

95 98.8 88.8 133.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VN



#38

Methylcyclohexane

Concen: 18.102 ug/l

RT: 9.05 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

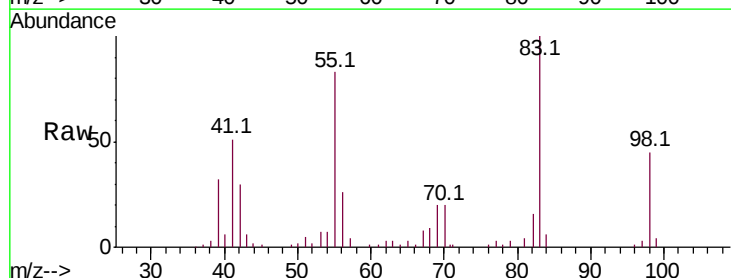
Tgt Ion: 83 Resp: 78108

Ion Ratio Lower Upper

83 100

55 83.6 40.3 120.8

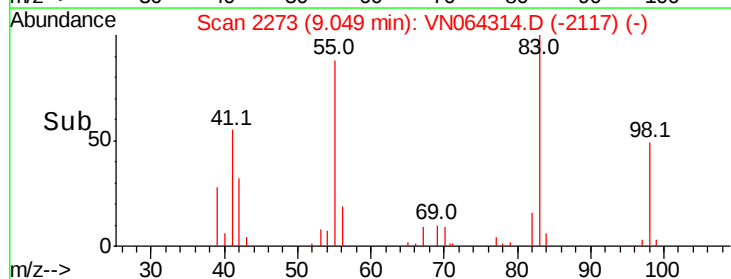
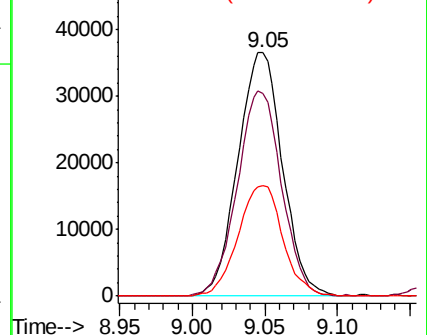
98 45.6 22.8 68.3

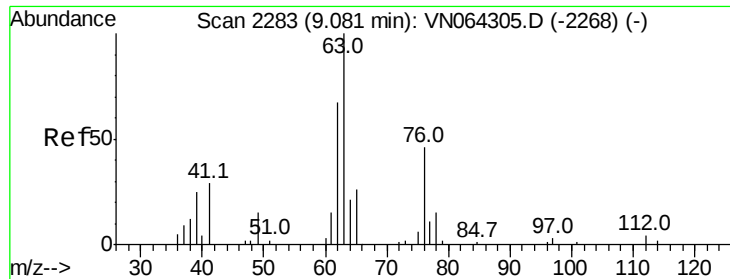


Abundance Ion 83.00 (82.70 to 83.70): VN

Ion 55.00 (54.70 to 55.70): VN

Ion 98.00 (97.70 to 98.70): VN





#39

1,2-Dichloropropane

Concen: 18.143 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

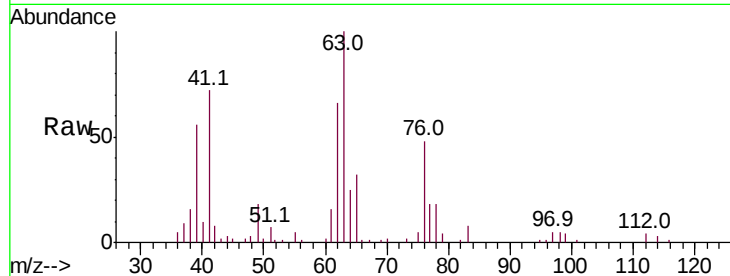
VN1026WBSD01

Tot Ion: 63 Resp: 58697

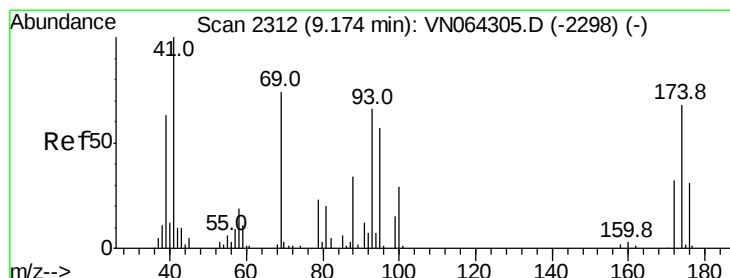
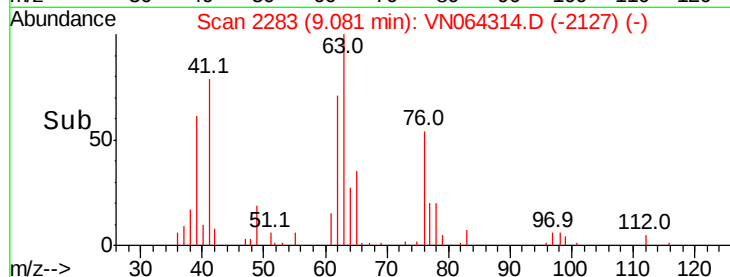
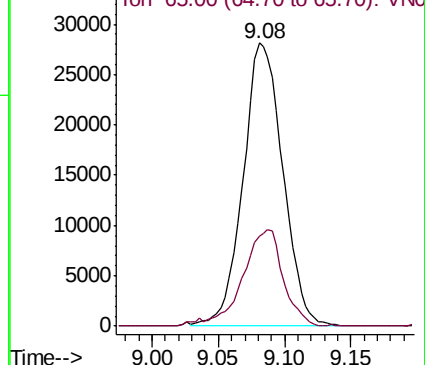
Ion Ratio Lower Upper

63 100

65 31.9 22.6 33.8



Abundance Ion 63.00 (62.70 to 63.70): VN064314.D (-2127) (-)



#40

Dibromomethane

Concen: 19.679 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

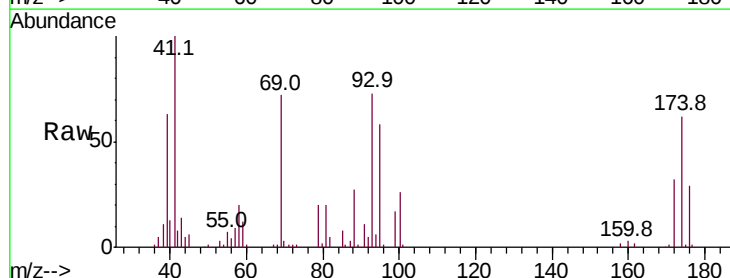
Tgt Ion: 93 Resp: 44188

Ion Ratio Lower Upper

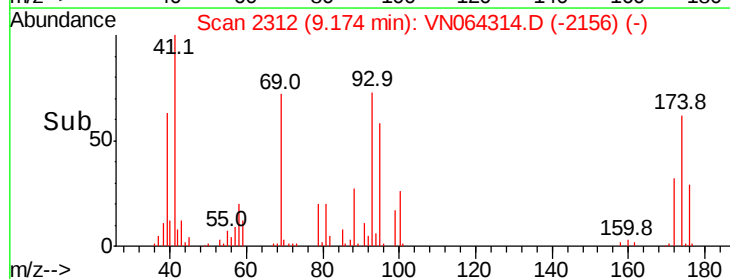
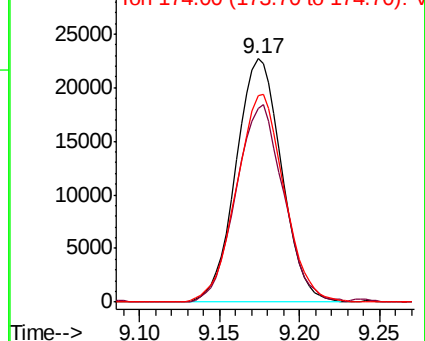
93 100

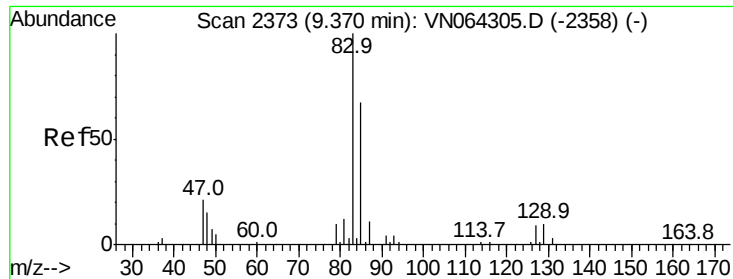
95 84.5 0.0 174.4

174 89.3 0.0 188.0



Abundance Ion 93.00 (92.70 to 93.70): VN064314.D (-2156) (-)





#41

Bromodichloromethane

Concen: 19.546 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

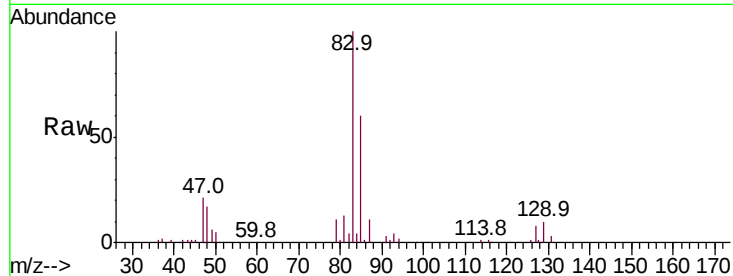
Tot Ion: 83 Resp: 94796

Ion Ratio Lower Upper

83 100

85 60.4 53.4 80.0

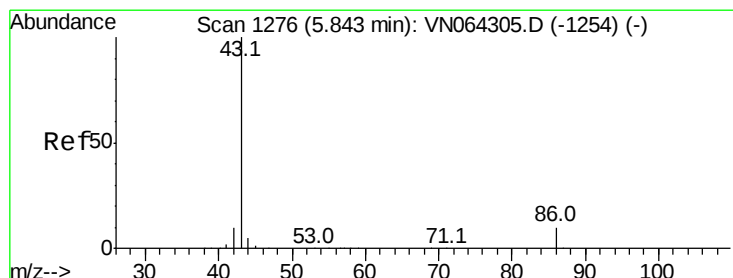
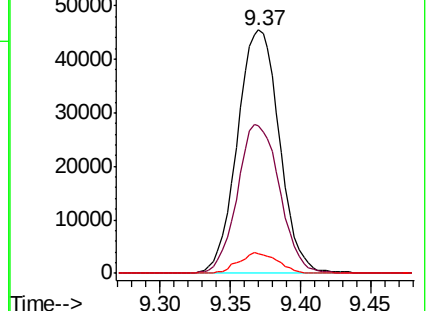
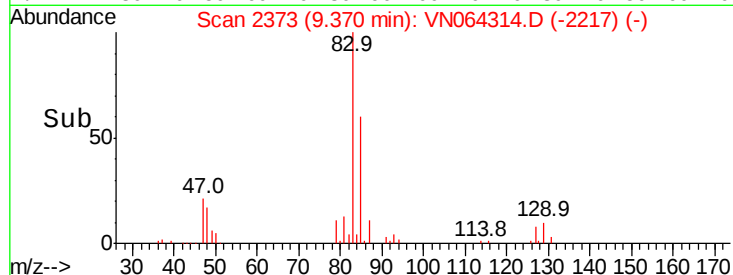
127 9.3 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN064314.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064314.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064314.D (-2217) (-)



#42

Vinyl Acetate

Concen: 94.407 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064314.D

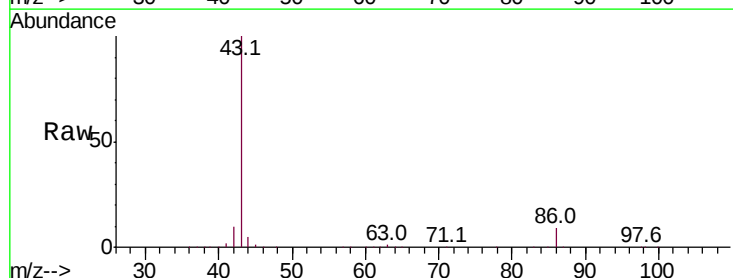
Acq: 26 Oct 2020 21:02

Tgt Ion: 43 Resp: 848811

Ion Ratio Lower Upper

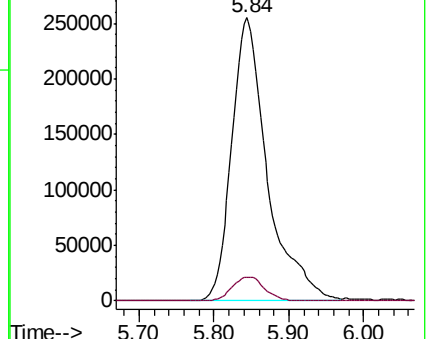
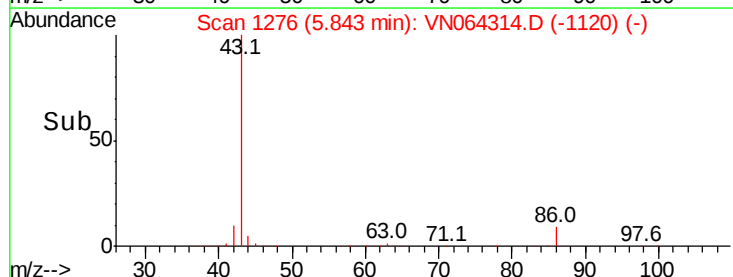
43 100

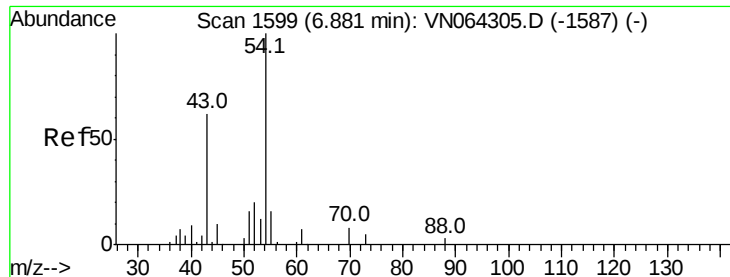
86 4.2 6.6 9.8#



Abundance Ion 43.00 (42.70 to 43.70): VN064314.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN064314.D (-1120) (-)





#43

Ethyl Acetate

Concen: 6.709 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.29 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

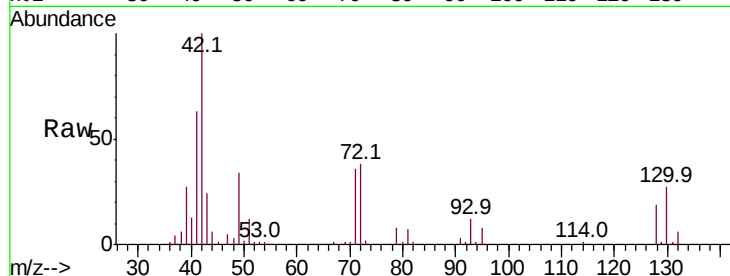
VN1026WBSD01

Tot Ion: 43 Resp: 28772

Ion Ratio Lower Upper

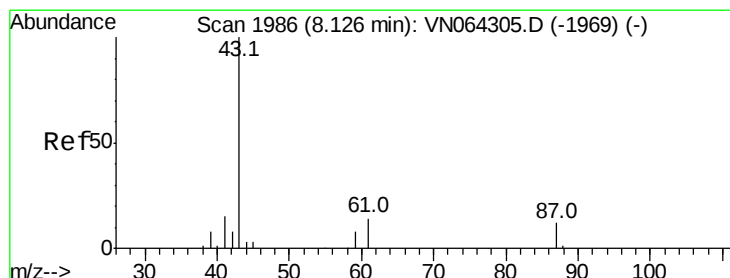
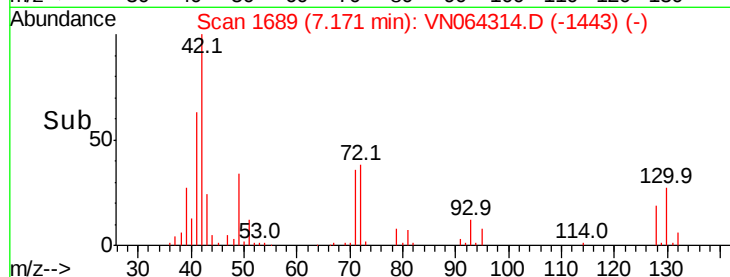
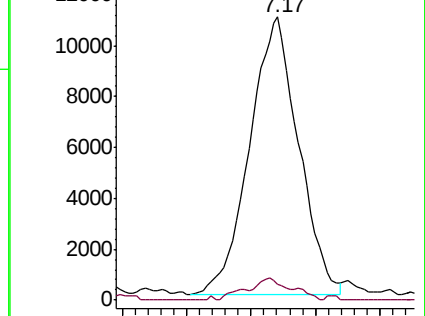
43 100

45 4.2 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: 18.896 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064314.D

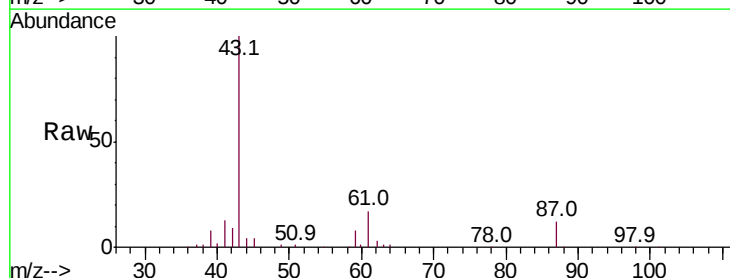
Acq: 26 Oct 2020 21:02

Tgt Ion: 43 Resp: 148904

Ion Ratio Lower Upper

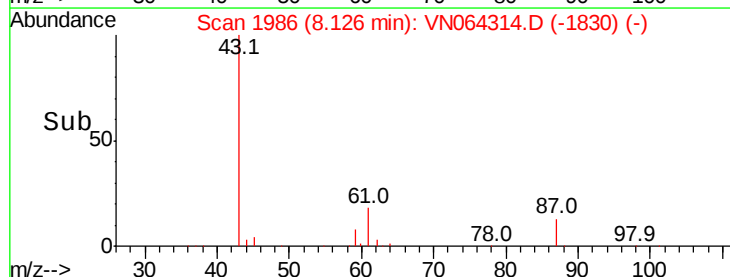
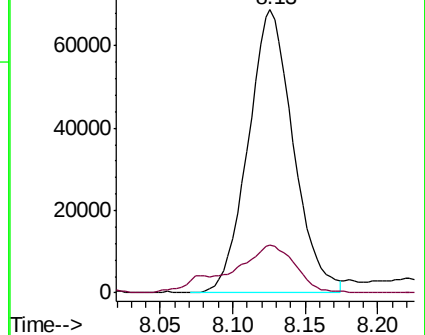
43 100

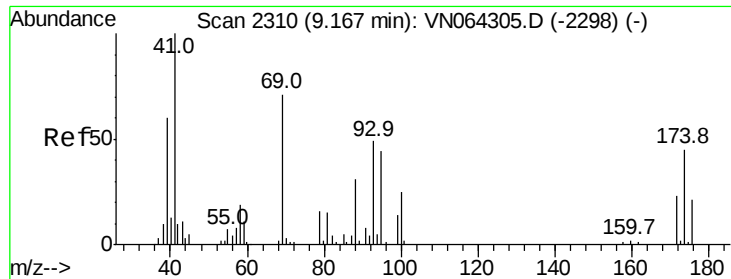
61 18.6 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#45

1,4-Dioxane

Concen: 354.985 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

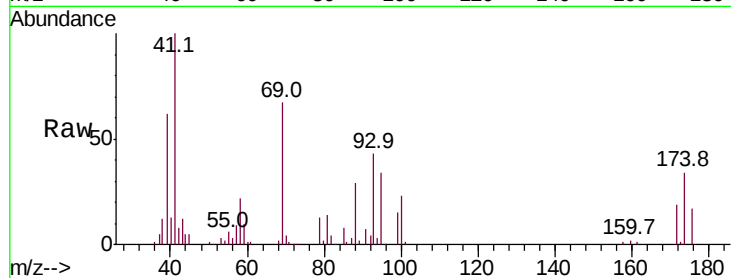
Tot Ion: 88 Resp: 21574

Ion Ratio Lower Upper

88 100

43 44.7 31.2 46.8

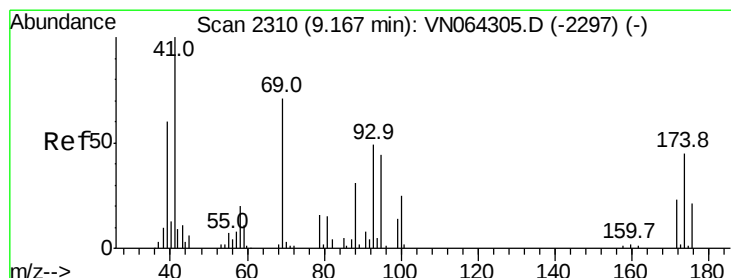
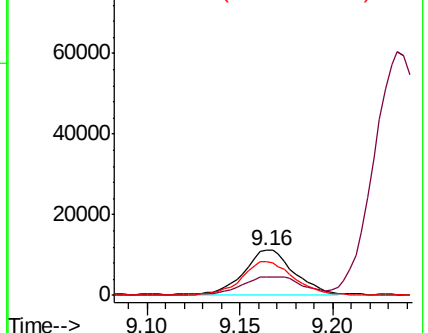
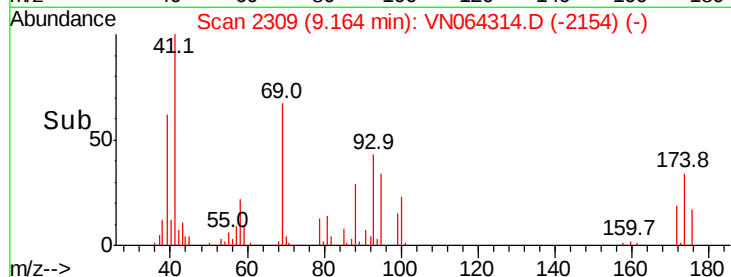
58 76.0 55.4 83.2



Abundance Ion 88.00 (87.70 to 88.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#46

Methyl methacrylate

Concen: 19.367 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

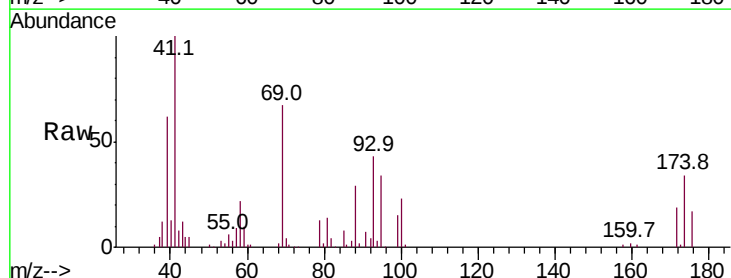
Tgt Ion: 41 Resp: 74473

Ion Ratio Lower Upper

41 100

69 67.4 35.3 105.9

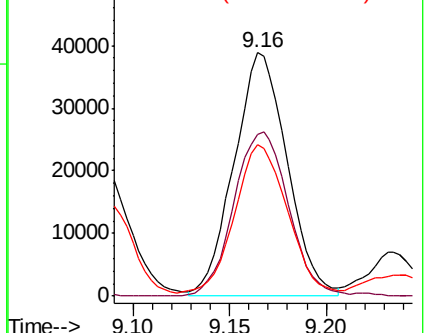
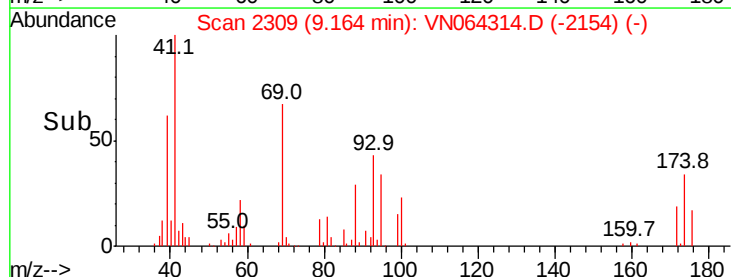
39 61.1 30.2 90.6

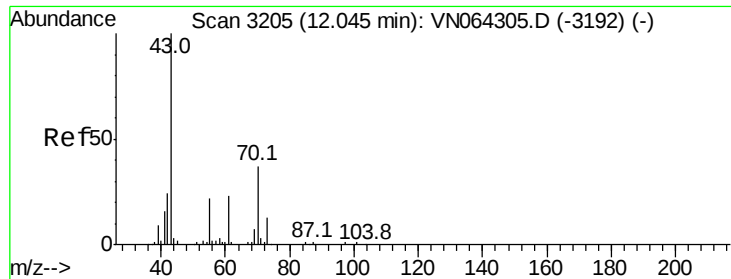


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amyl Acetate

Concen: 18.285 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

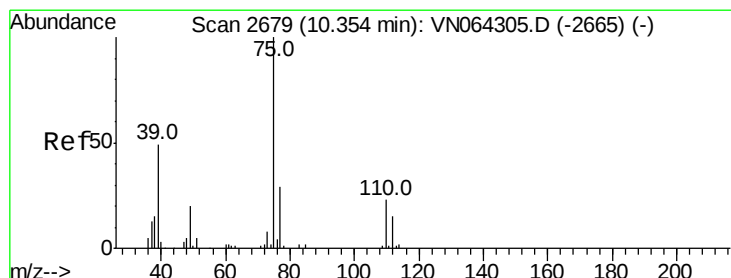
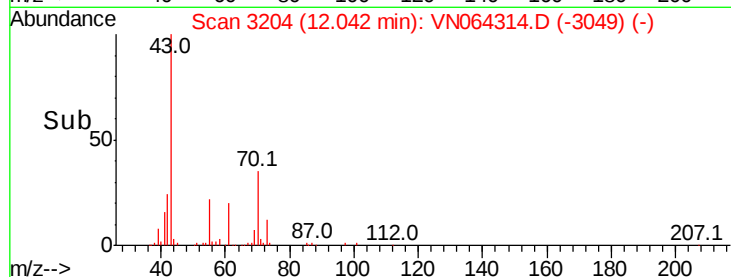
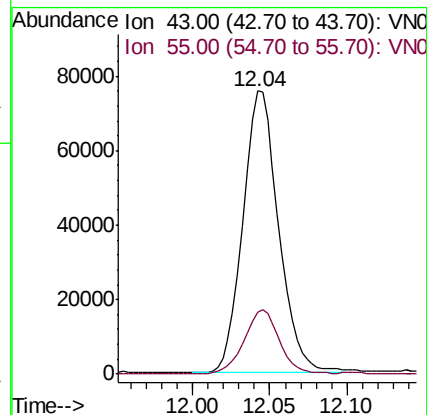
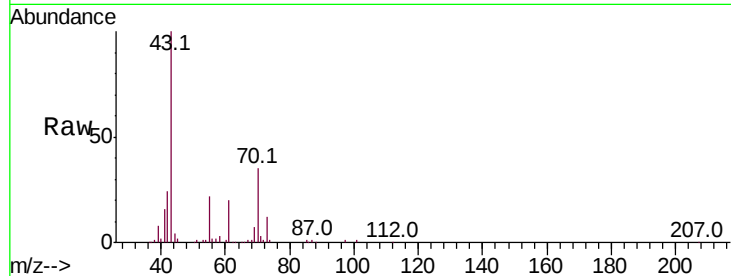
VN1026WBSD01

Tot Ion: 43 Resp: 121312

Ion Ratio Lower Upper

43 100

55 22.7 17.3 25.9



#48

t-1,3-Dichloropropene

Concen: 18.258 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064314.D

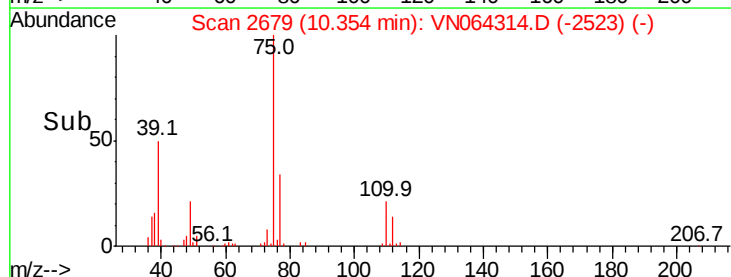
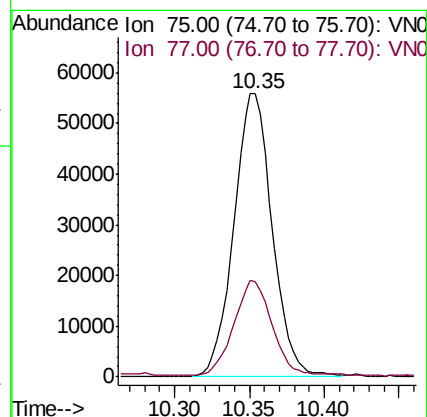
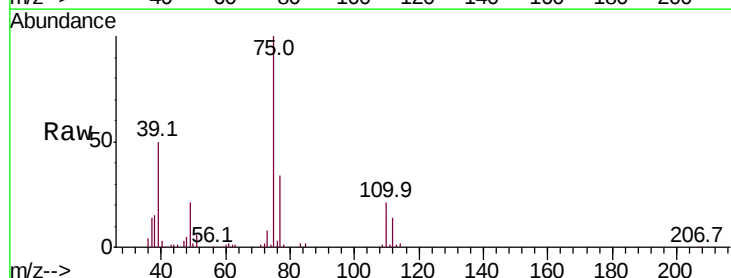
Acq: 26 Oct 2020 21:02

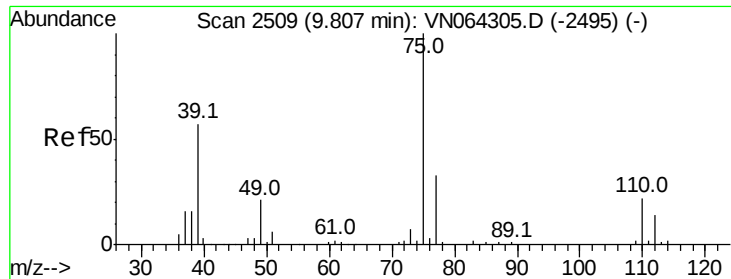
Tgt Ion: 75 Resp: 99873

Ion Ratio Lower Upper

75 100

77 32.9 23.7 35.5

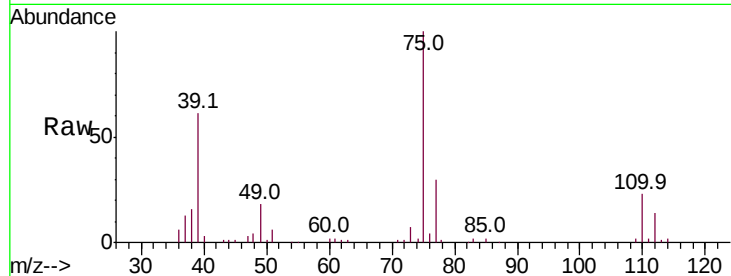




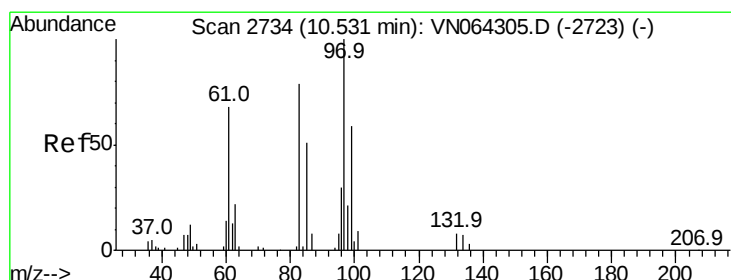
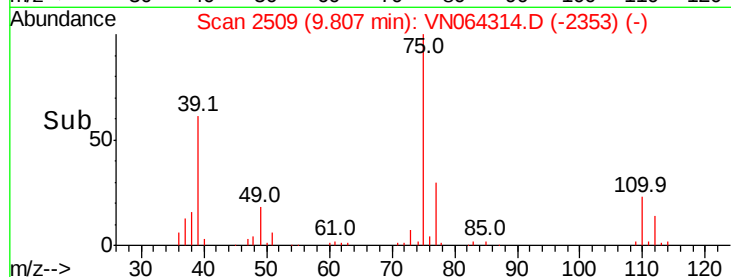
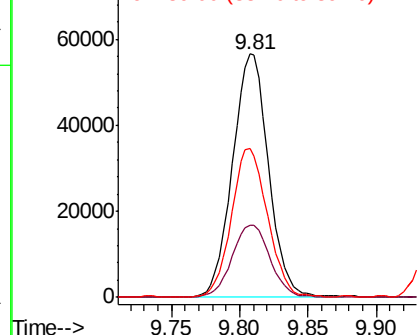
#49
 cis-1,3-Dichloropropene
 Concen: 18.621 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	29.8	26.7	40.1
39	61.1	45.9	68.9

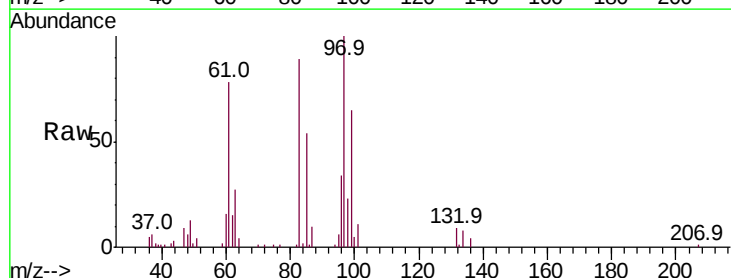


Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO

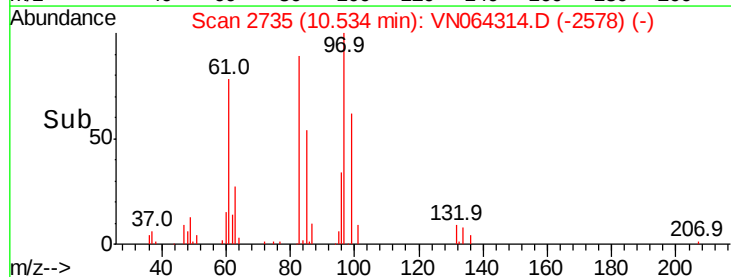
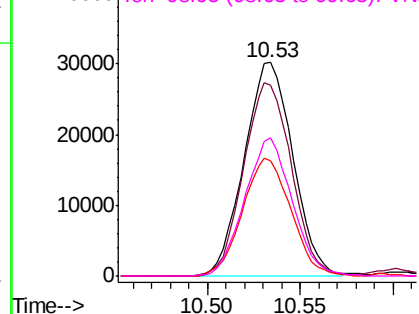


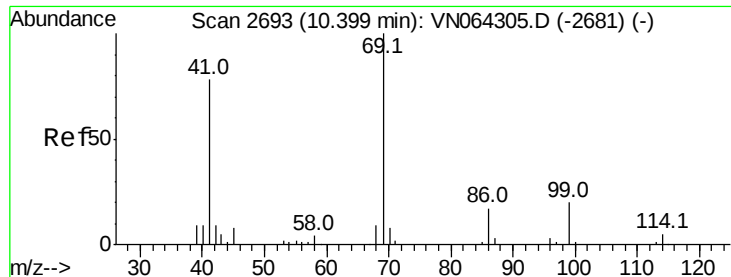
#50
 1,1,2-Trichloroethane
 Concen: 18.335 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	63.2	94.8
85	54.2	41.0	61.6
99	64.5	47.4	71.0



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





#51

Ethyl methacrylate

Concen: 18.667 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

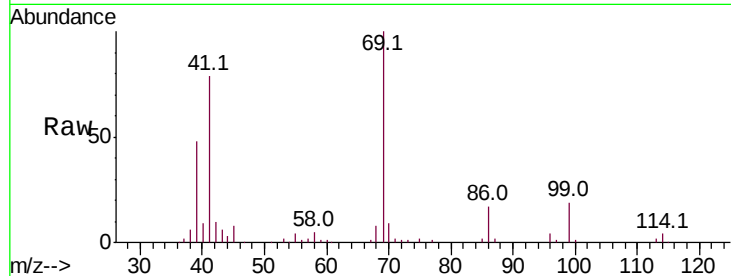
Tot Ion: 69 Resp: 87870

Ion Ratio Lower Upper

69 100

41 78.6 38.8 116.4

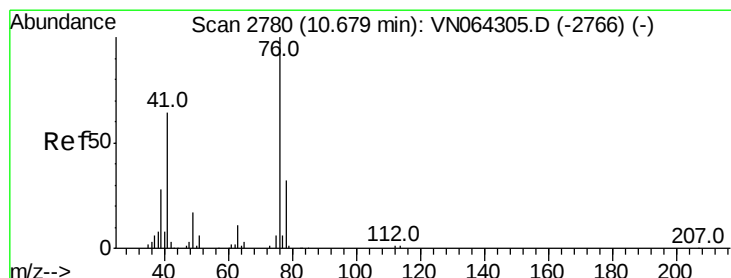
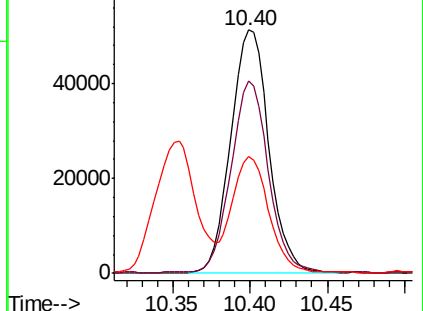
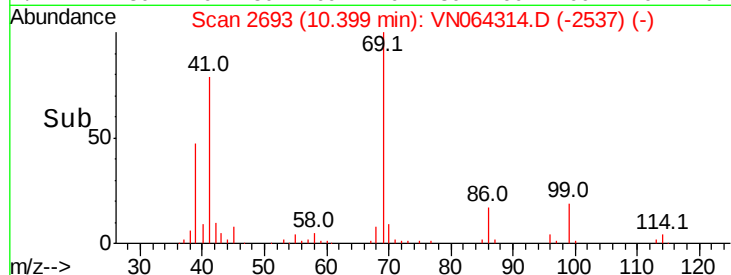
39 47.1 24.6 74.0



Abundance Ion 69.00 (68.70 to 69.70): VN064314.D (-2537) (-)

Ion 41.00 (40.70 to 41.70): VN064314.D (-2537) (-)

Ion 39.00 (38.70 to 39.70): VN064314.D (-2537) (-)



#52

1,3-Dichloropropane

Concen: 18.520 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064314.D

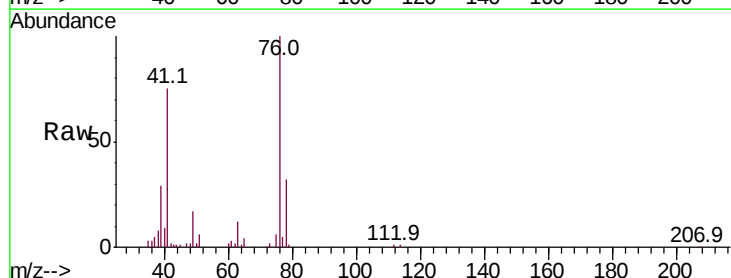
Acq: 26 Oct 2020 21:02

Tgt Ion: 76 Resp: 98041

Ion Ratio Lower Upper

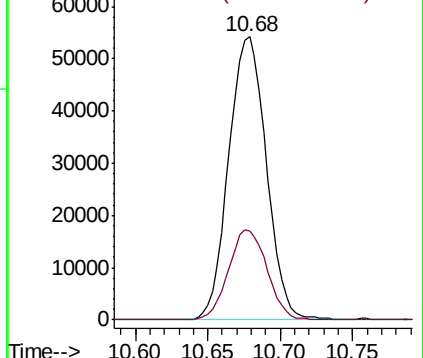
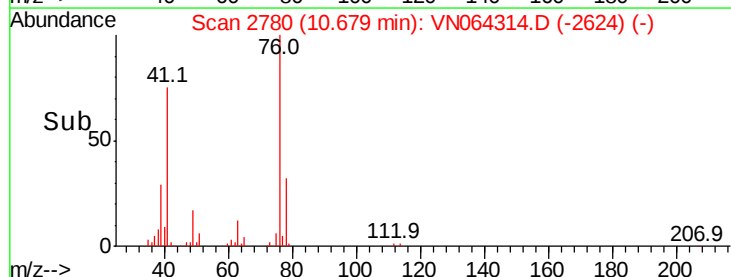
76 100

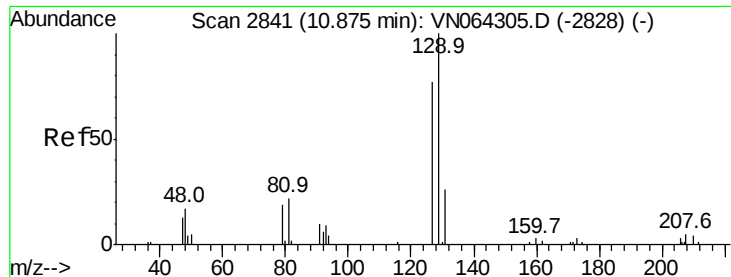
78 32.5 0.0 61.6



Abundance Ion 76.00 (75.70 to 76.70): VN064314.D (-2624) (-)

Ion 78.00 (77.70 to 78.70): VN064314.D (-2624) (-)





#53

Dibromochloromethane

Concen: 18.375 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

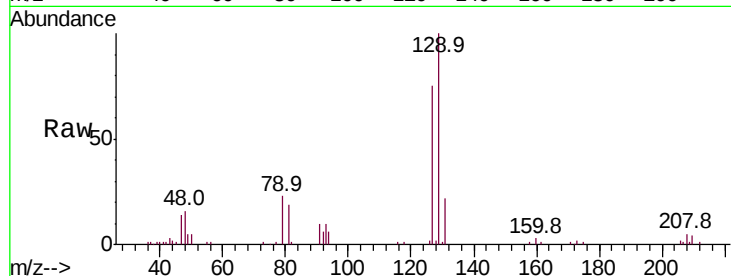
VN1026WBSD01

Tot Ion:129 Resp: 67657

Ion Ratio Lower Upper

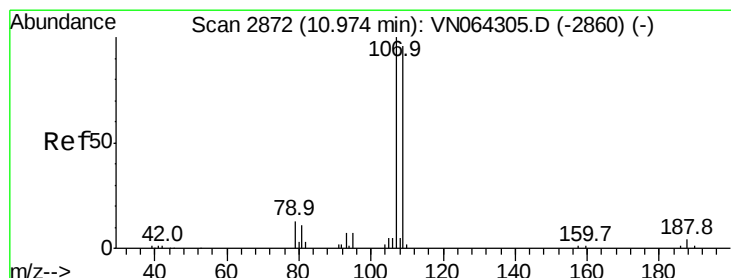
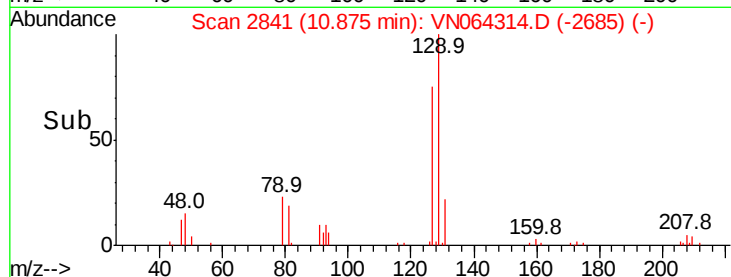
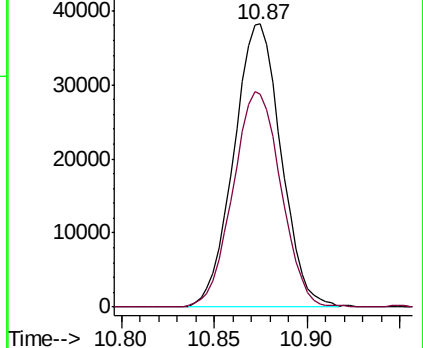
129 100

127 77.2 38.9 116.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.887 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064314.D

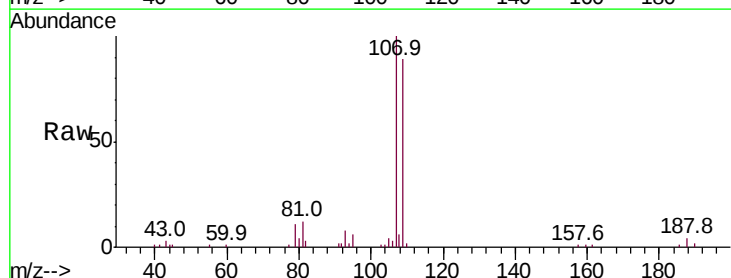
Acq: 26 Oct 2020 21:02

Tgt Ion:107 Resp: 60823

Ion Ratio Lower Upper

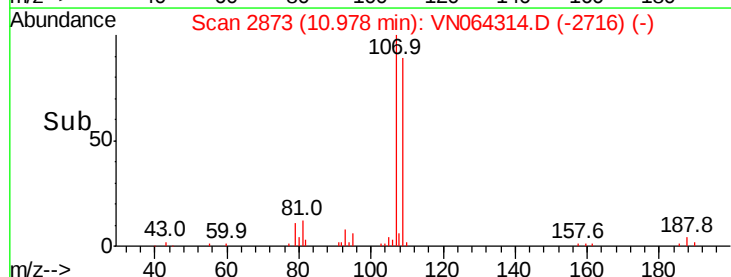
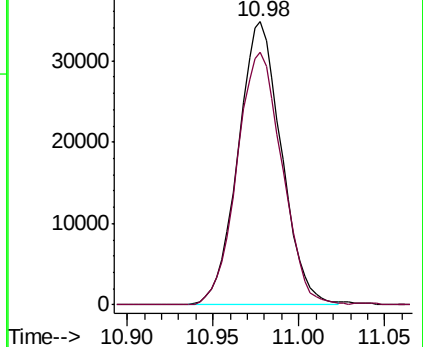
107 100

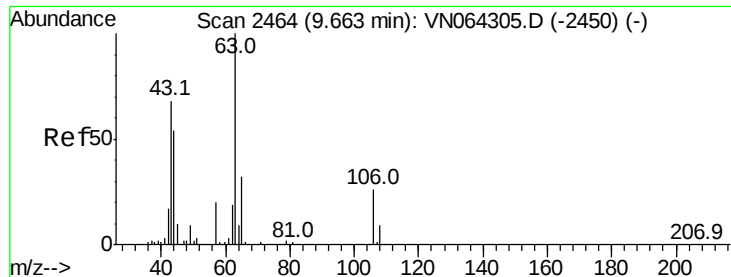
109 92.7 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





#55

2-Chloroethyl vinyl ether

Concen: 98.449 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

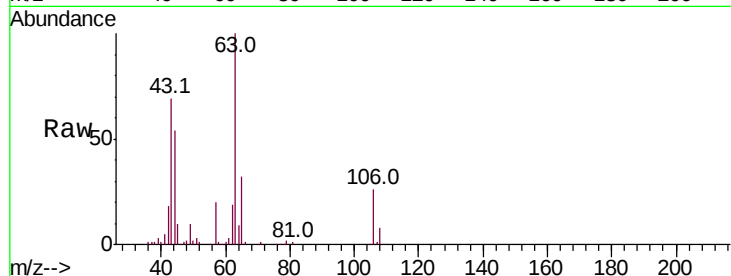
Tot Ion: 63 Resp: 230666

Ion	Ratio	Lower	Upper
63	100		
65	33.0	25.6	38.4
106	26.7	20.7	31.1

63 100

65 33.0 25.6 38.4

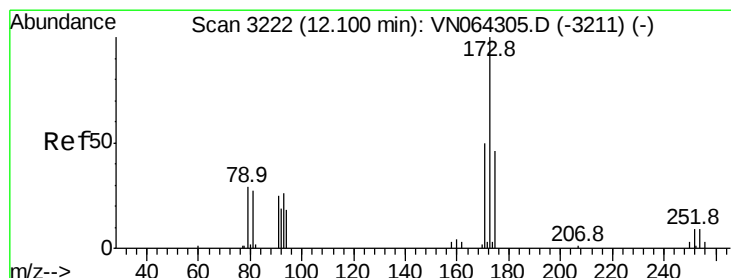
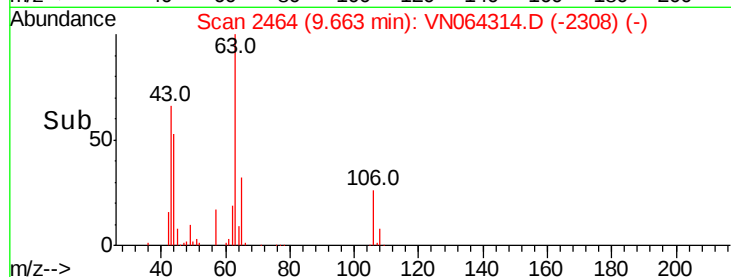
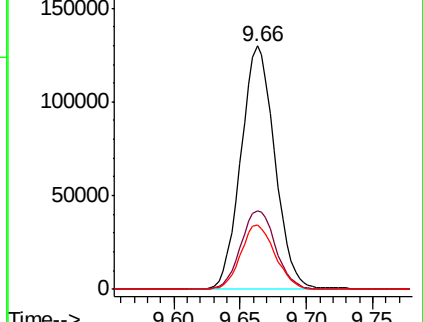
106 26.7 20.7 31.1



Abundance Ion 63.00 (62.70 to 63.70): VN064314.D (-2308) (-)

Ion 65.00 (64.70 to 65.70): VN064314.D (-2308) (-)

Ion 106.00 (105.70 to 106.70): VN064314.D (-2308) (-)



#56

Bromoform

Concen: 17.451 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

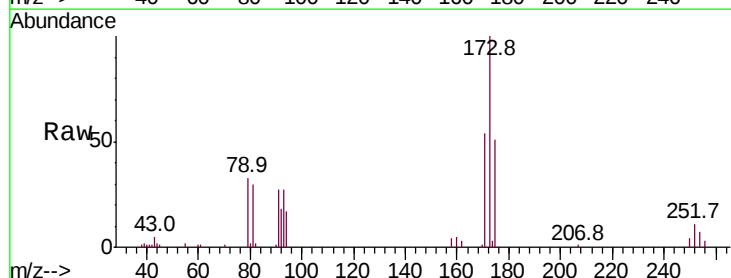
Tgt Ion: 173 Resp: 46066

Ion	Ratio	Lower	Upper
173	100		
175	50.3	37.3	55.9
254	3.4	4.8	7.2#

173 100

175 50.3 37.3 55.9

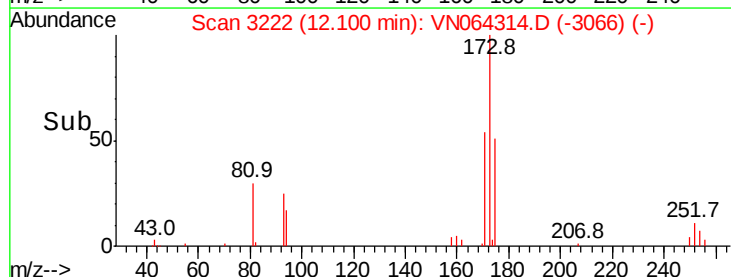
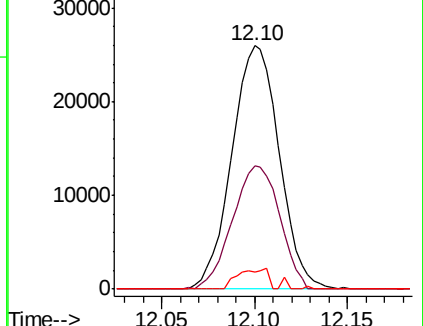
254 3.4 4.8 7.2#

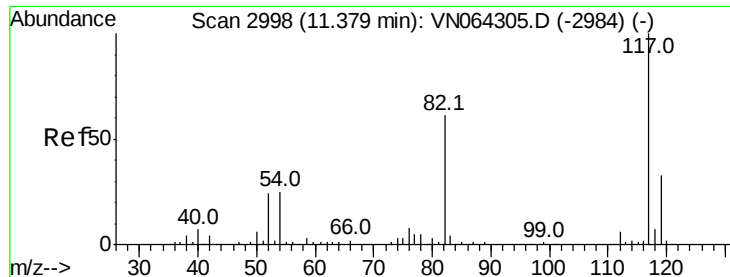


Abundance Ion 173.00 (172.70 to 173.70): VN064314.D (-3066) (-)

Ion 175.00 (174.70 to 175.70): VN064314.D (-3066) (-)

Ion 254.00 (253.70 to 254.70): VN064314.D (-3066) (-)

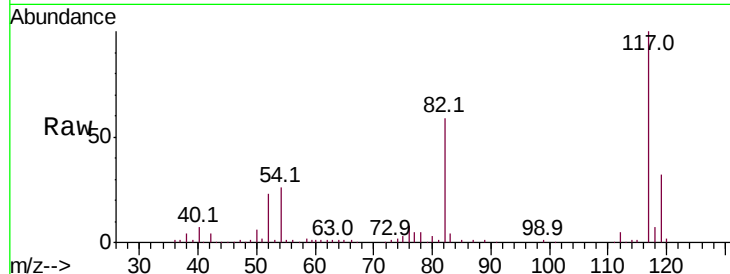




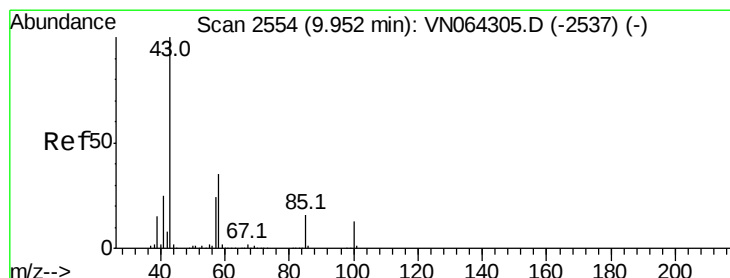
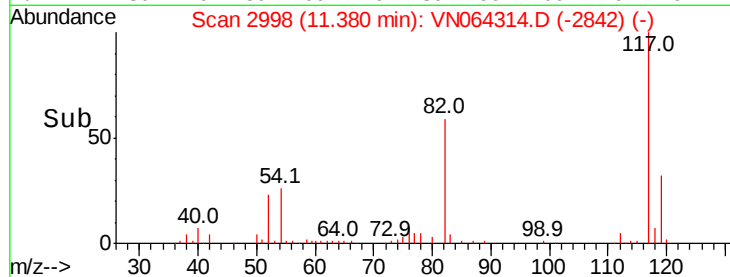
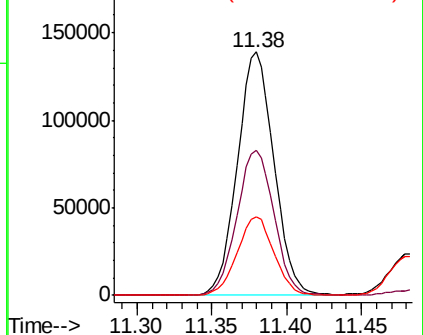
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampled :
VN1026WBSD01

Tot Ion:117 Resp: 236621
Ion Ratio Lower Upper
117 100
82 60.5 48.7 73.1
119 32.5 25.1 37.7

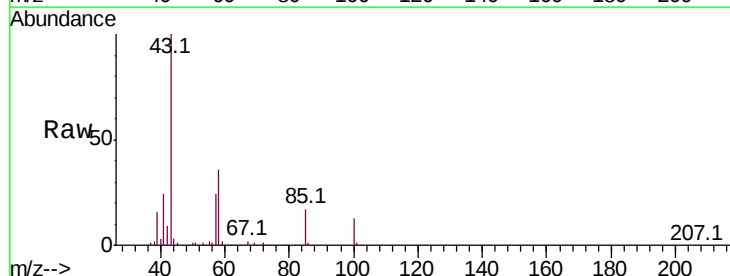


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

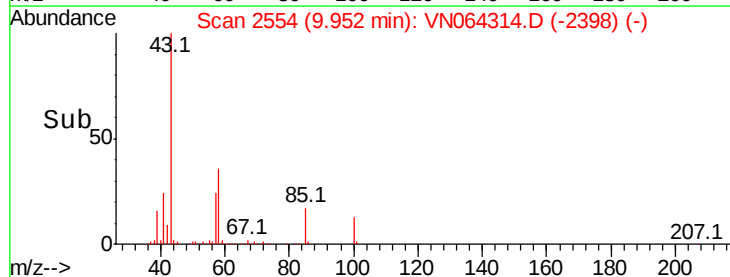
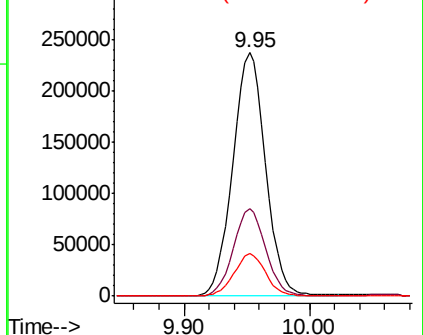


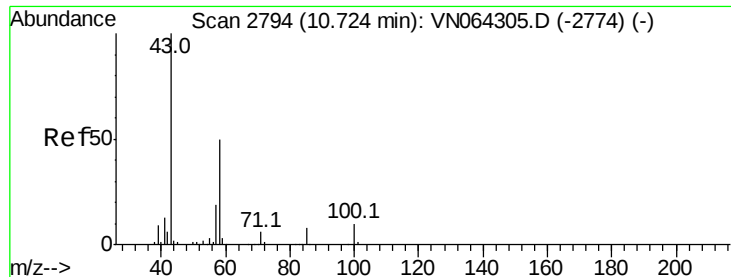
#58
4-Methyl-2-Pentanone
Concen: 98.163 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 43 Resp: 429726
Ion Ratio Lower Upper
43 100
58 35.6 28.7 43.1
85 17.0 13.4 20.2



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

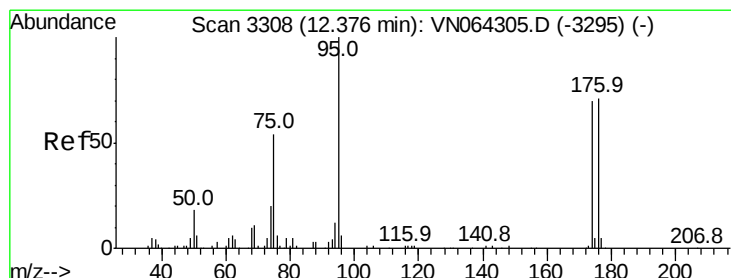
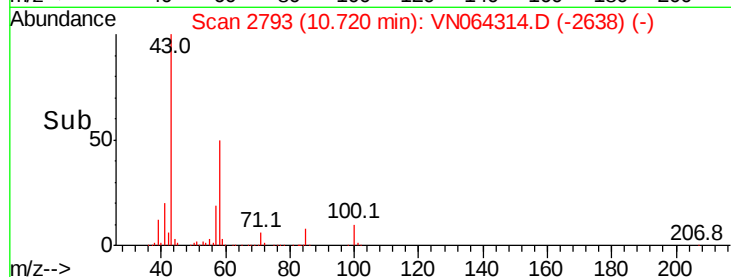
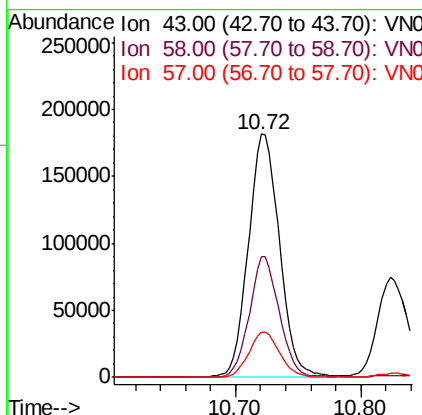
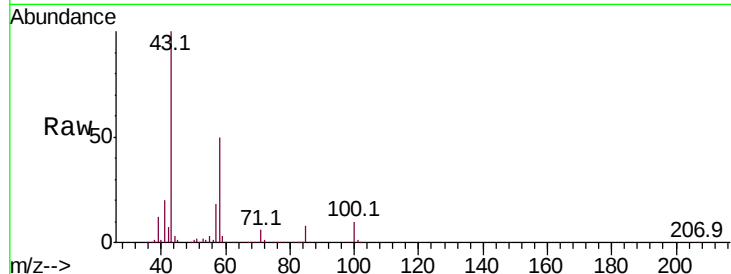




#59
2-Hexanone
Concen: 95.633 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

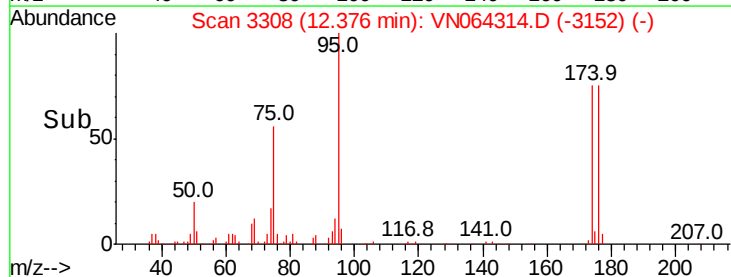
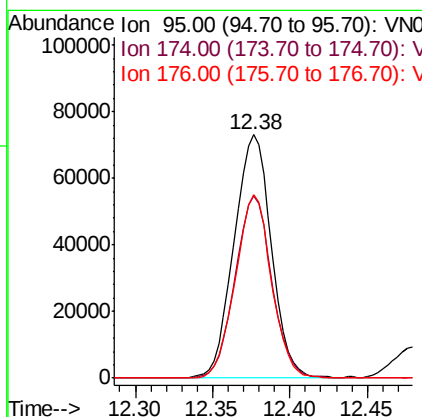
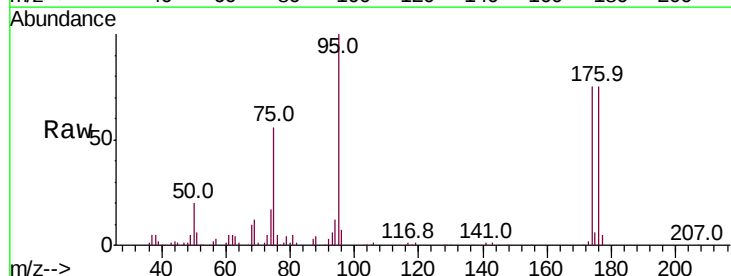
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

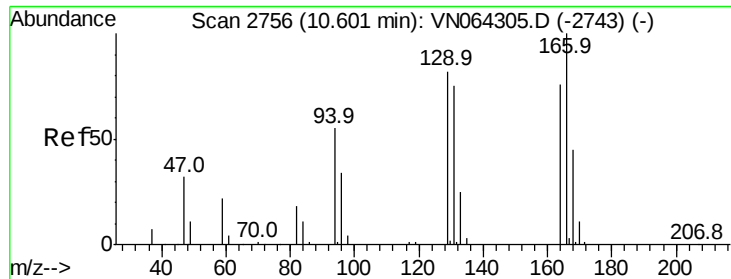
Tot Ion: 43 Resp: 312817
Ion Ratio Lower Upper
43 100
58 47.9 39.4 59.2
57 18.6 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 28.898 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 95 Resp: 122328
Ion Ratio Lower Upper
95 100
174 73.9 57.6 86.4
176 72.9 55.5 83.3





#61

Tetrachloroethene

Concen: 18.810 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

Tot Ion:164 Resp: 59356

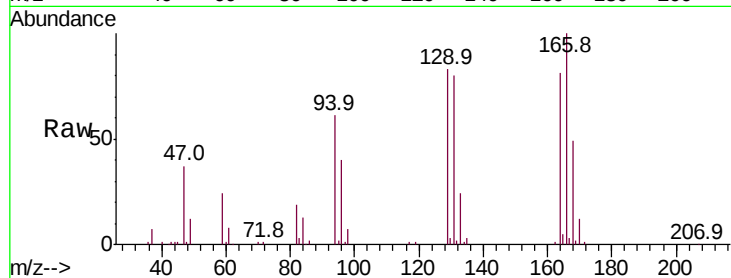
Ion Ratio Lower Upper

164 100

166 123.4 105.4 158.0

129 102.0 86.4 129.6

131 98.0 78.5 117.7



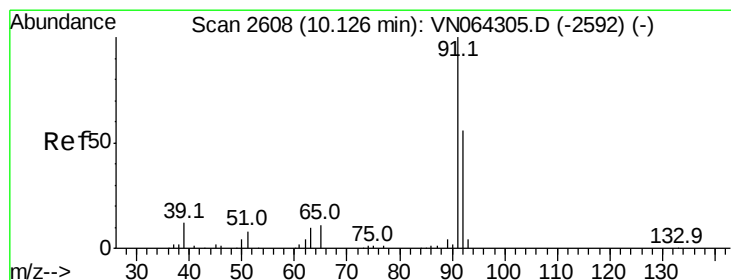
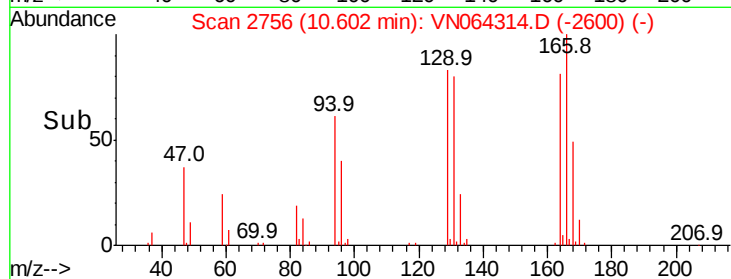
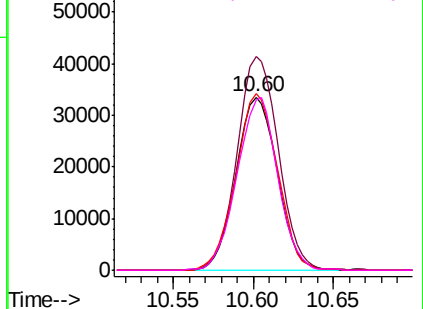
Abundance

Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.184 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064314.D

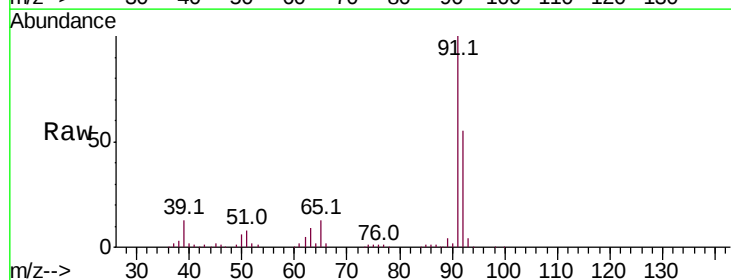
Acq: 26 Oct 2020 21:02

Tgt Ion: 91 Resp: 250033

Ion Ratio Lower Upper

91 100

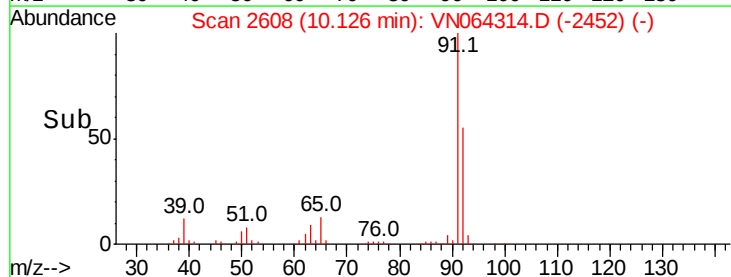
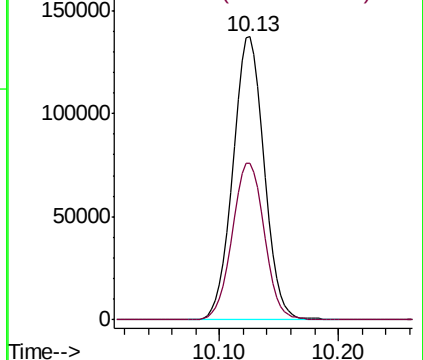
92 57.0 45.8 68.6

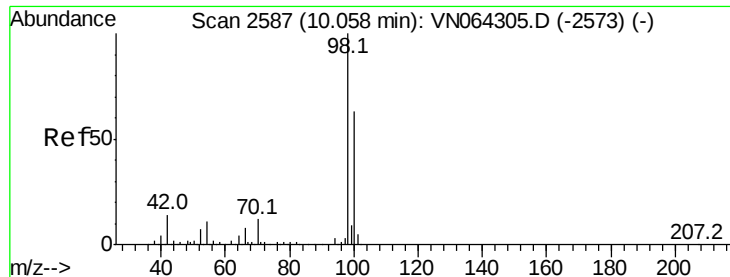


Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.307 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

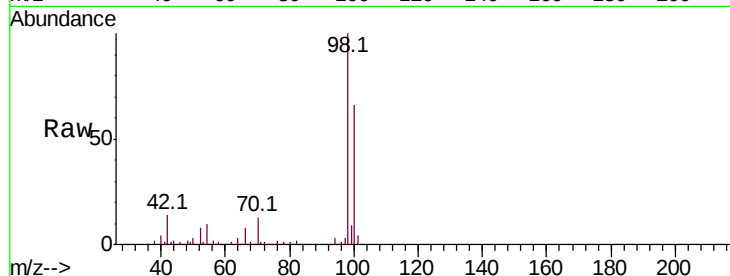
VN1026WBSD01

Tot Ion: 98 Resp: 319802

Ion Ratio Lower Upper

98 100

100 64.4 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) (-)

10.06

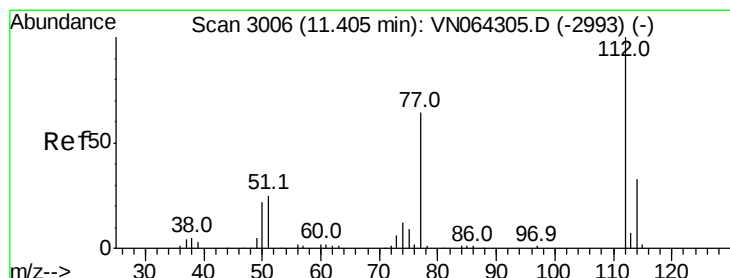
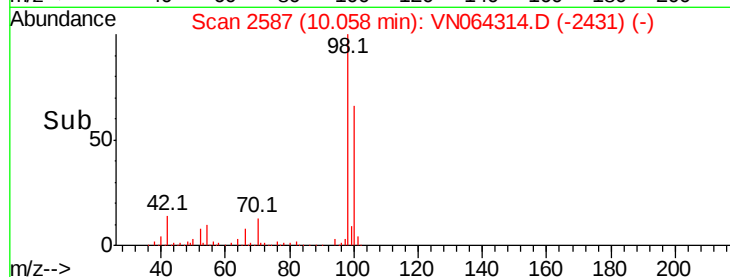
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 18.924 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064314.D

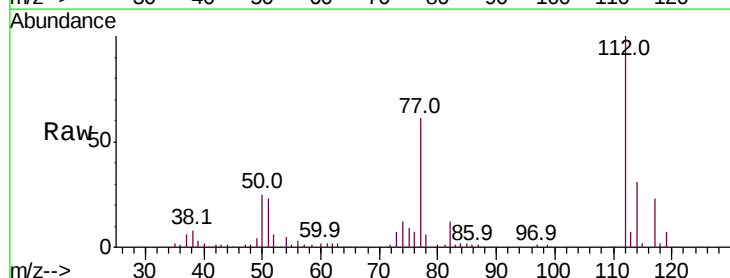
Acq: 26 Oct 2020 21:02

Tgt Ion: 112 Resp: 153767

Ion Ratio Lower Upper

112 100

114 30.9 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): VN064305.D (-2993) (-)

Ion 114.00 (113.70 to 114.70): VN064305.D (-2993) (-)

11.40

100000

80000

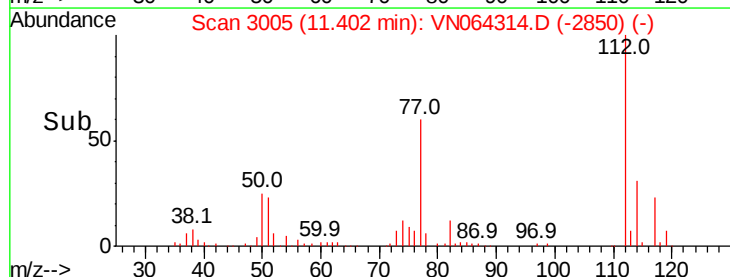
60000

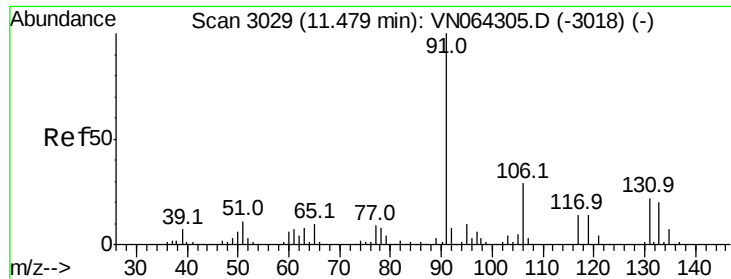
40000

20000

0

Time-->

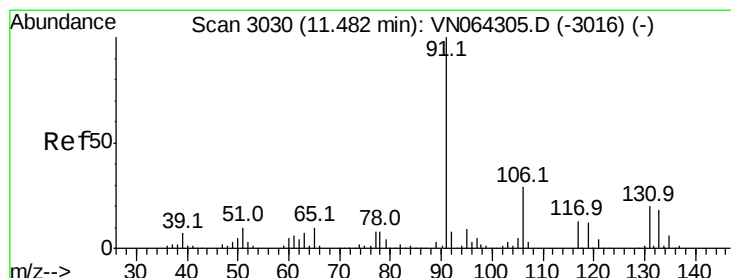
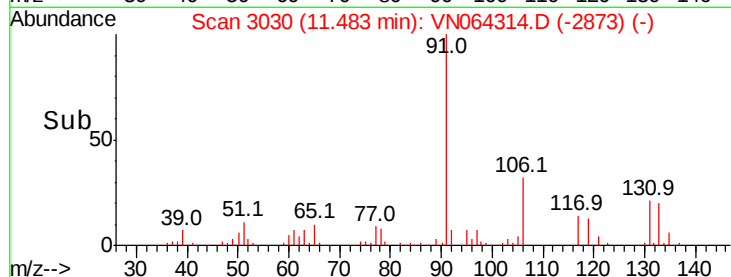
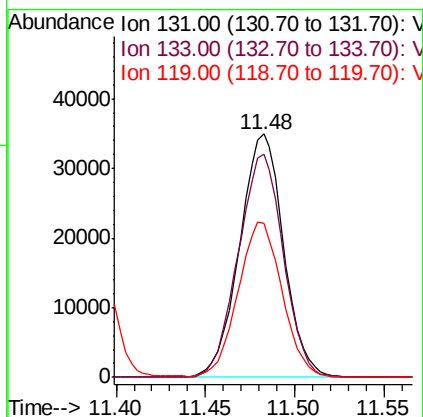
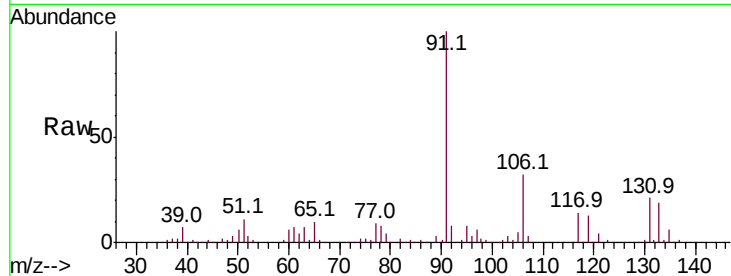




#65
 1,1,1,2-Tetrachloroethane
 Concen: 18.696 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

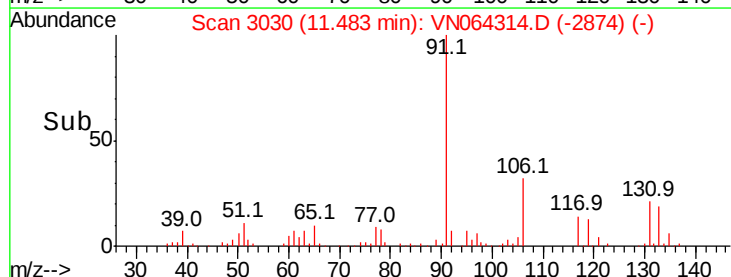
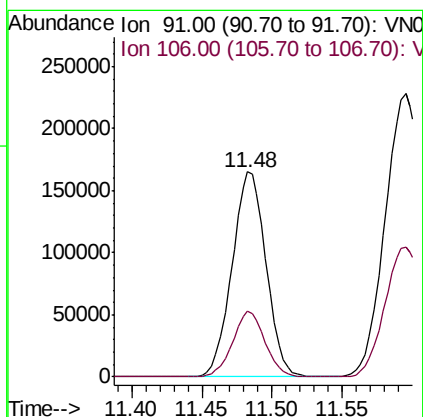
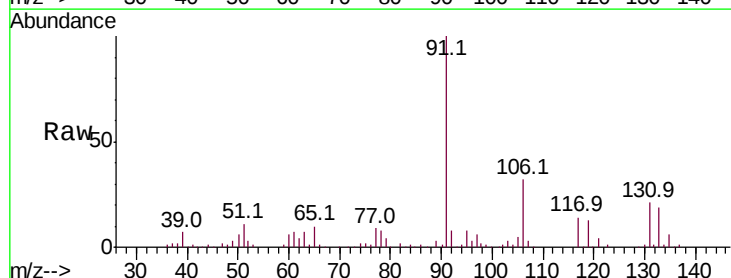
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

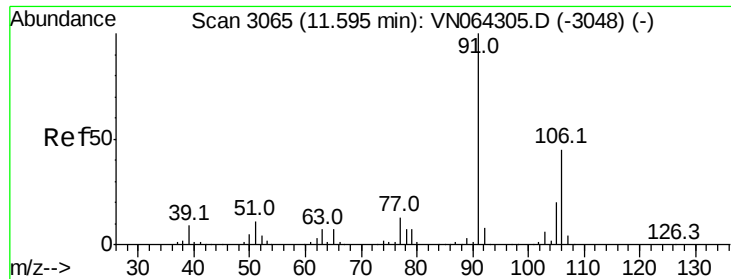
Tot Ion:131 Resp: 60014
 Ion Ratio Lower Upper
 131 100
 133 94.0 0.0 183.0
 119 63.9 0.0 121.6



#66
 Ethyl Benzene
 Concen: 18.700 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion: 91 Resp: 278552
 Ion Ratio Lower Upper
 91 100
 106 32.1 22.8 34.2





#67

m/p-Xylenes

Concen: 37.559 ug/l

RT: 11.60 min Scan# 3065

Delta R.T. 0.00 min

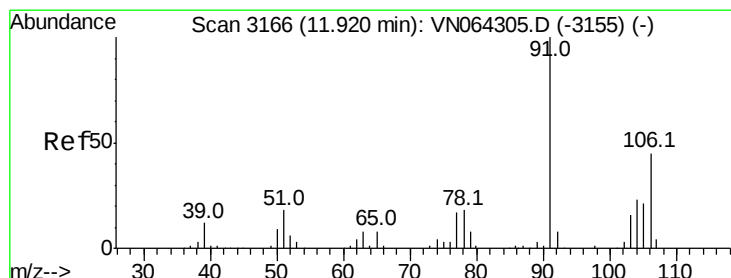
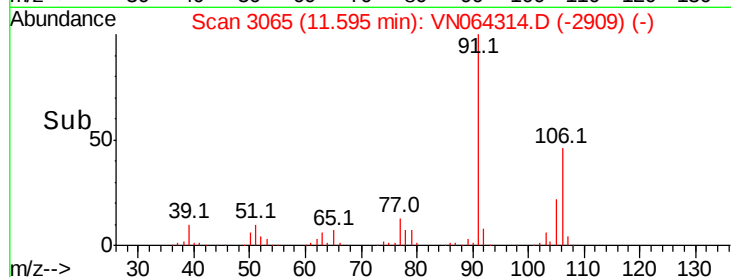
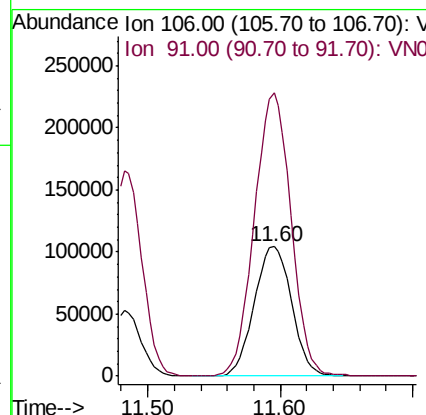
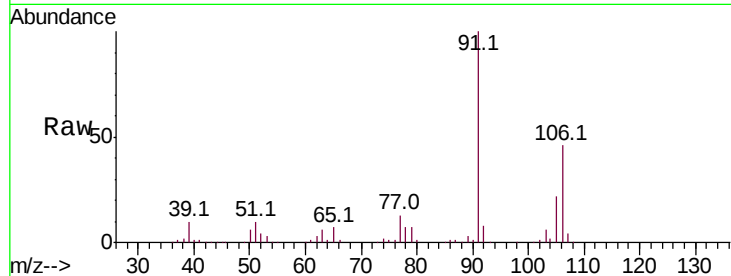
Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampled :
VN1026WBSD01

Tot Ion:106 Resp: 205469

Ion	Ratio	Lower	Upper
106	100		
91	212.7	176.2	264.2



#68

o-Xylene

Concen: 18.272 ug/l

RT: 11.92 min Scan# 3166

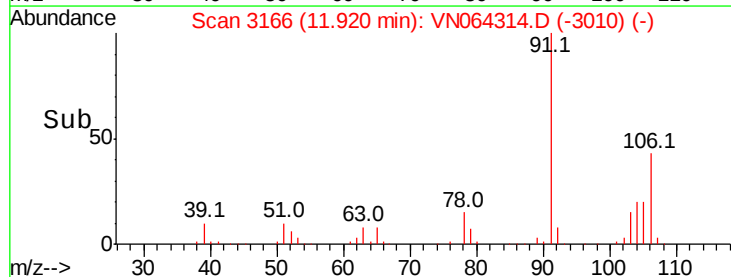
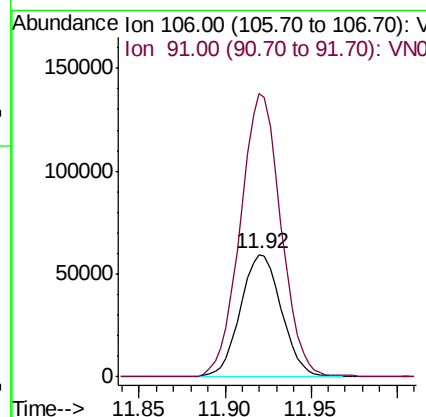
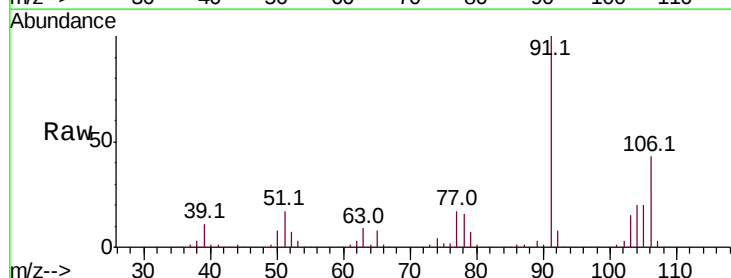
Delta R.T. 0.00 min

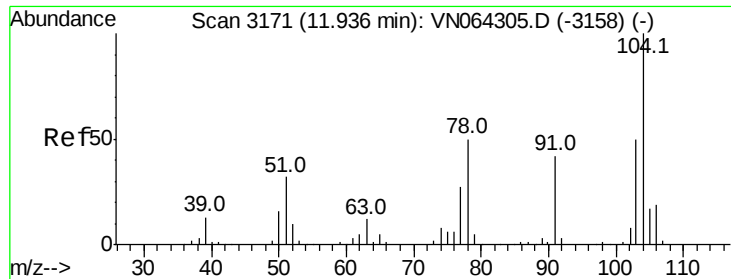
Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Tgt Ion:106 Resp: 98302

Ion	Ratio	Lower	Upper
106	100		
91	229.8	112.9	338.6

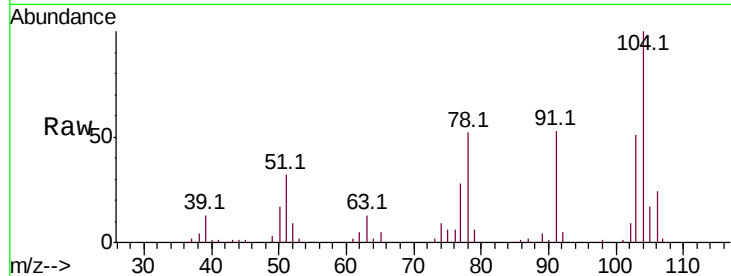




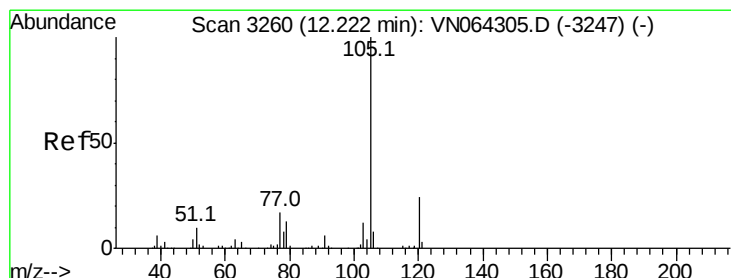
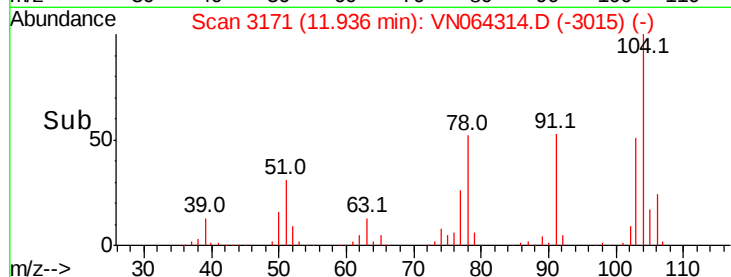
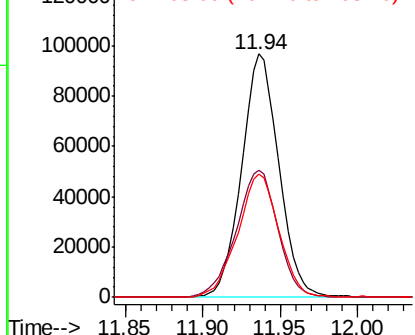
#69
Stvrene
Concen: 18.106 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

Tot Ion:104 Resp: 162351
Ion Ratio Lower Upper
104 100
78 58.2 46.3 69.5
103 56.0 44.2 66.2

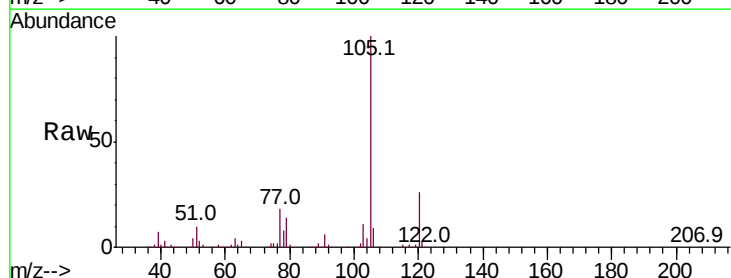


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

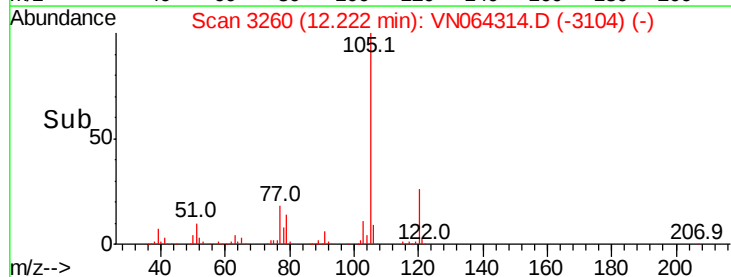
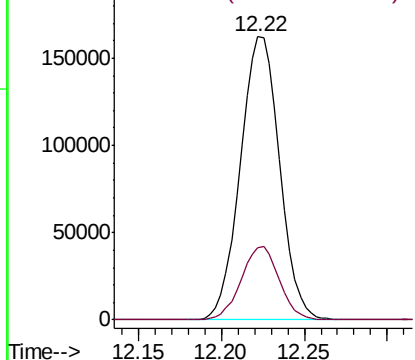


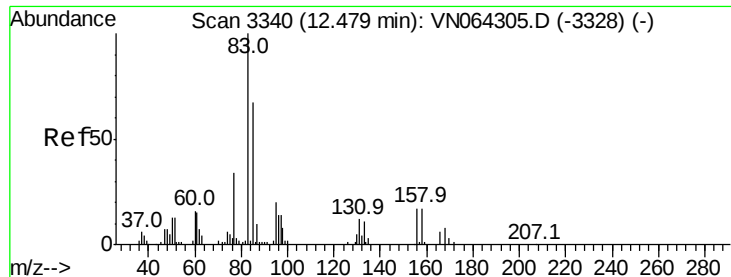
#70
Isopropylbenzene
Concen: 18.781 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion:105 Resp: 267912
Ion Ratio Lower Upper
105 100
120 25.1 17.4 32.2



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





#71

1,1,2,2-Tetrachloroethane

Concen: 18.518 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

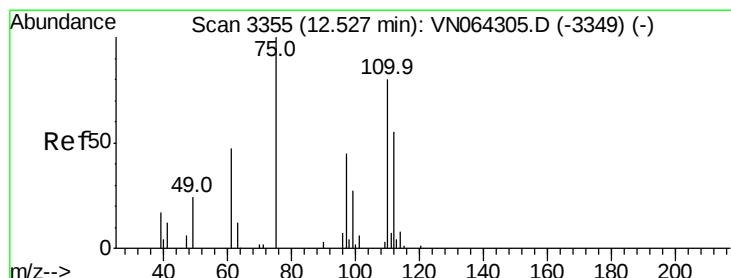
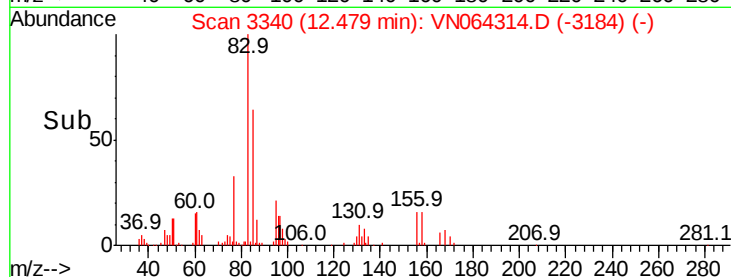
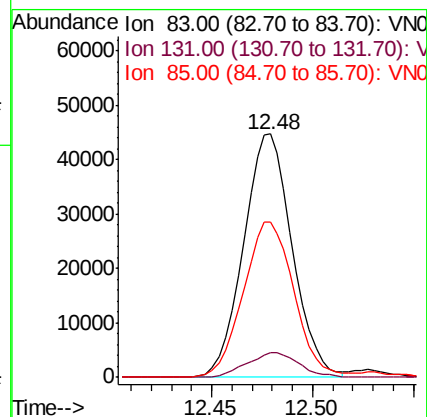
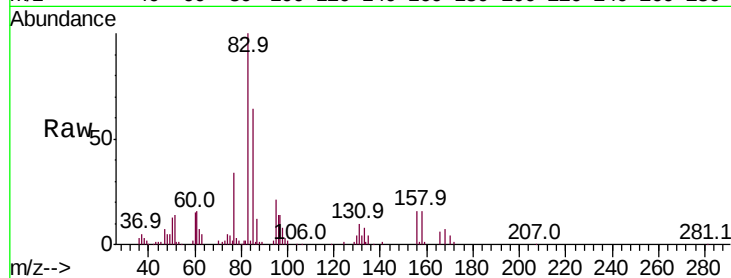
Tot Ion: 83 Resp: 75262

Ion Ratio Lower Upper

83 100

131 10.8 6.0 18.0

85 66.9 32.0 96.0



#72

1,2,3-Trichloropropane

Concen: 26.807 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN064314.D

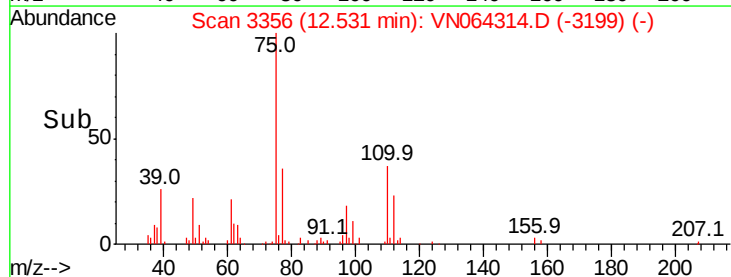
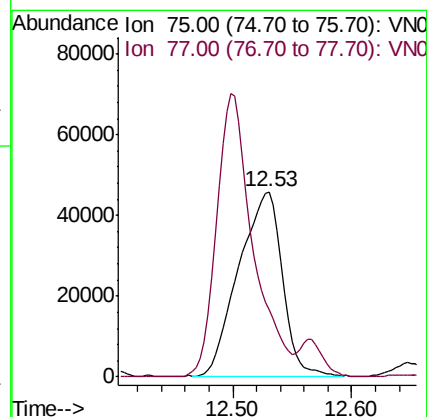
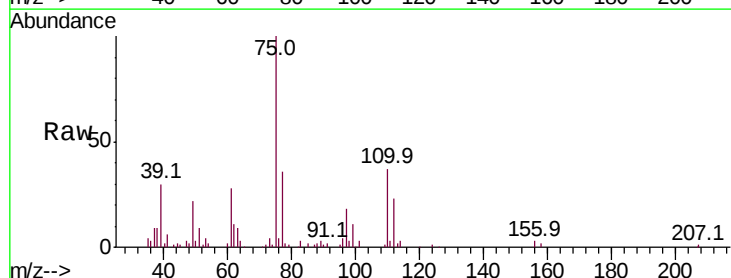
Acq: 26 Oct 2020 21:02

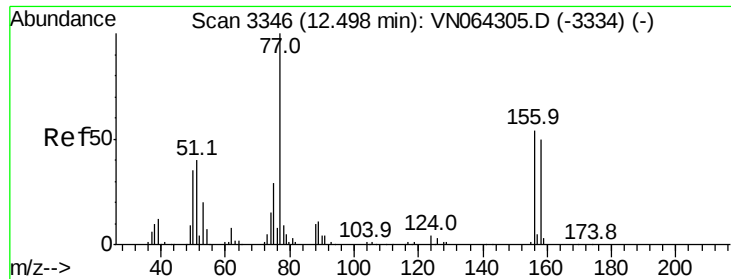
Tgt Ion: 75 Resp: 116025

Ion Ratio Lower Upper

75 100

77 11.3 0.0 340.8





#73

Bromobenzene

Concen: 18.205 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

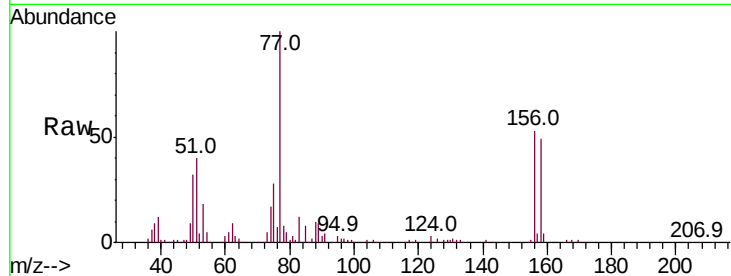
Tot Ion:156 Resp: 63663

Ion Ratio Lower Upper

156 100

77 233.2 0.0 449.2

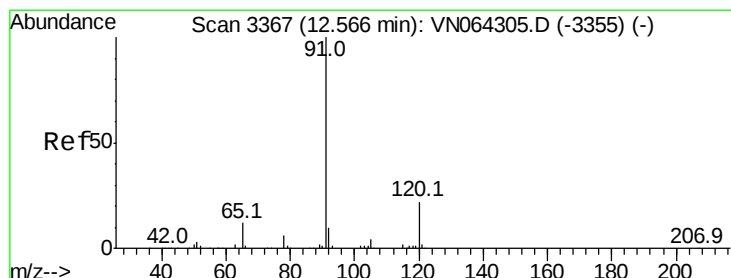
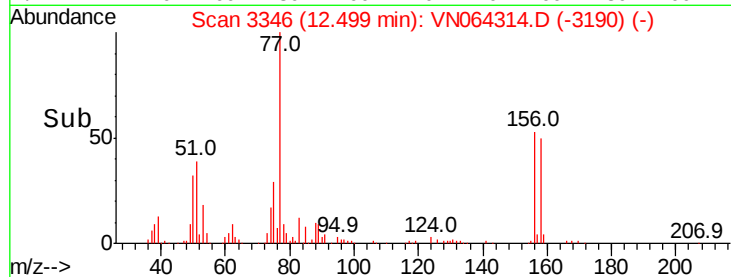
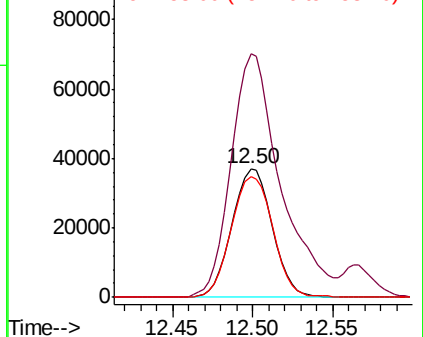
158 96.8 0.0 191.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 18.036 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064314.D

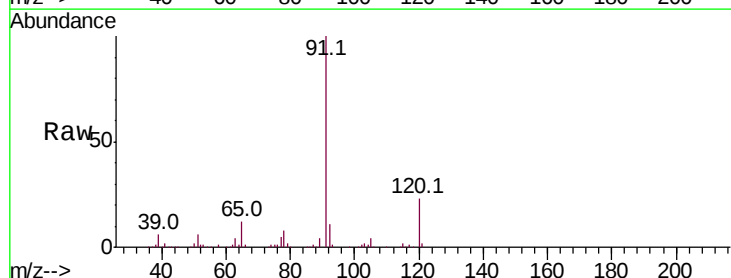
Acq: 26 Oct 2020 21:02

Tgt Ion: 91 Resp: 293244

Ion Ratio Lower Upper

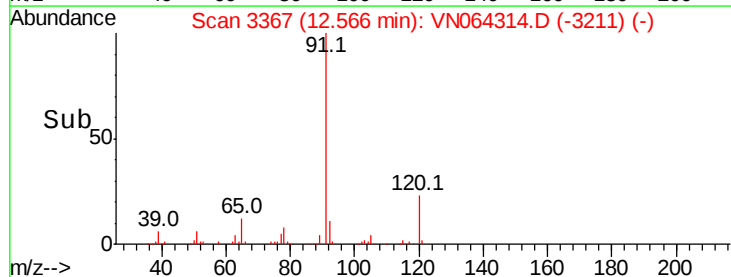
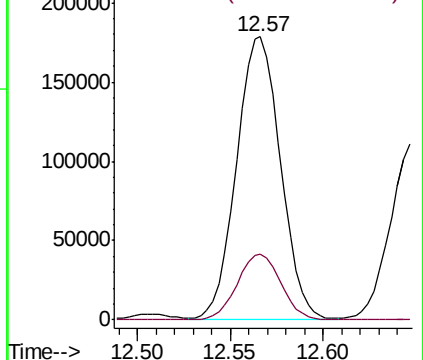
91 100

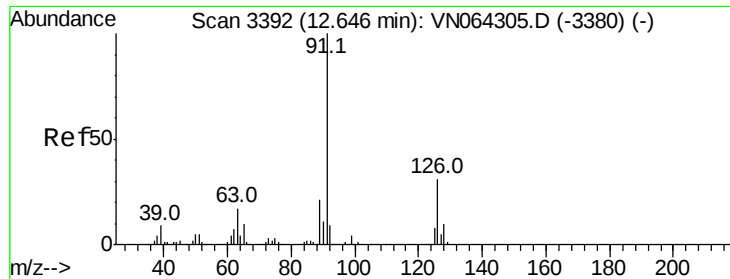
120 23.0 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.415 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

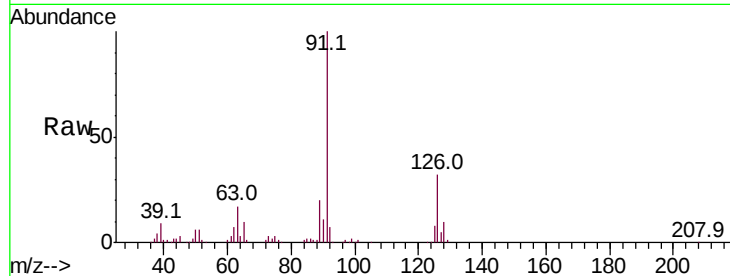
VN1026WBSD01

Tot Ion: 91 Resp: 185155

Ion Ratio Lower Upper

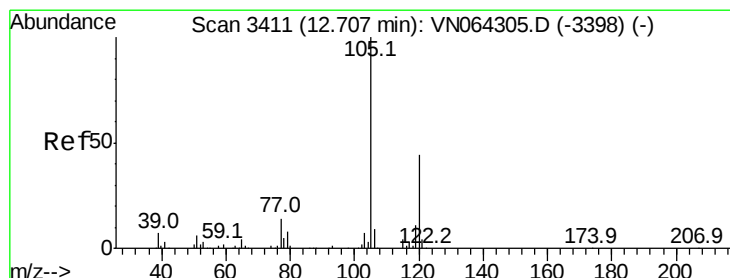
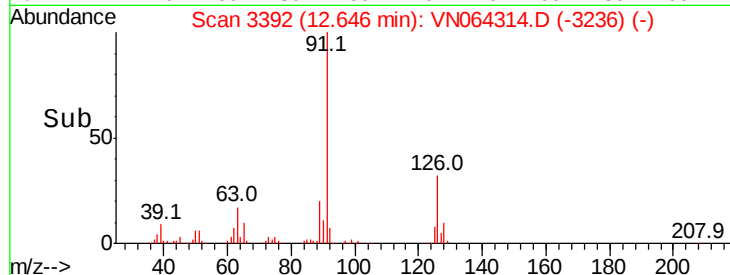
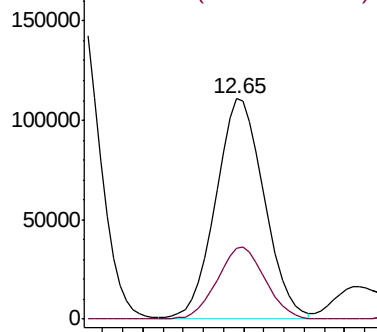
91 100

126 32.4 0.0 62.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 18.473 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064314.D

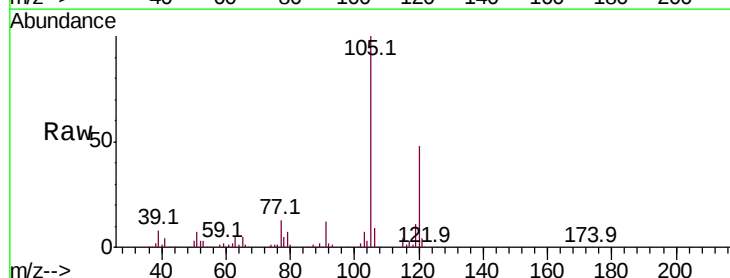
Acq: 26 Oct 2020 21:02

Tgt Ion: 105 Resp: 222863

Ion Ratio Lower Upper

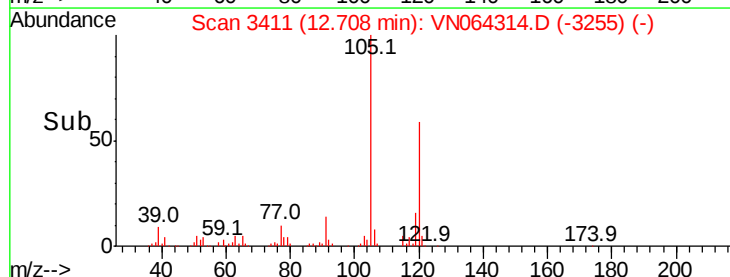
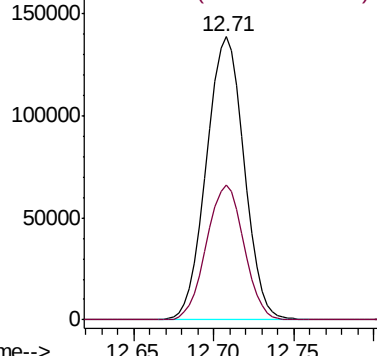
105 100

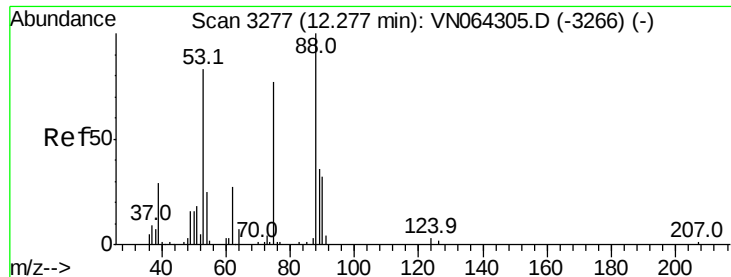
120 47.3 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 18.538 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

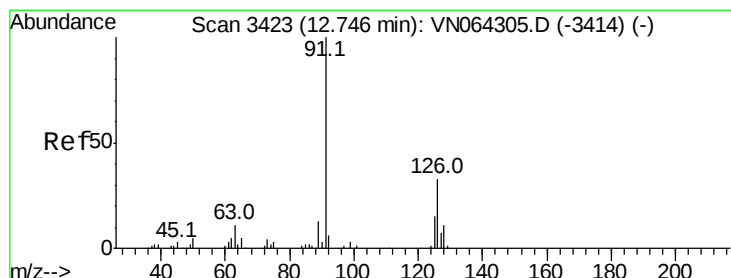
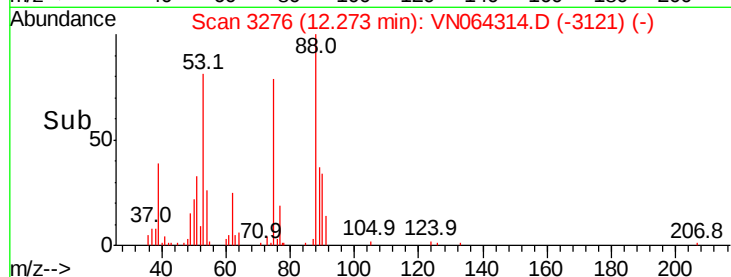
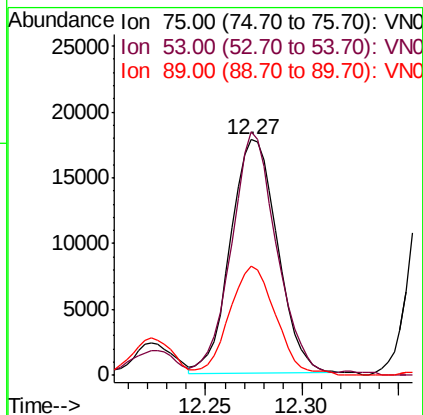
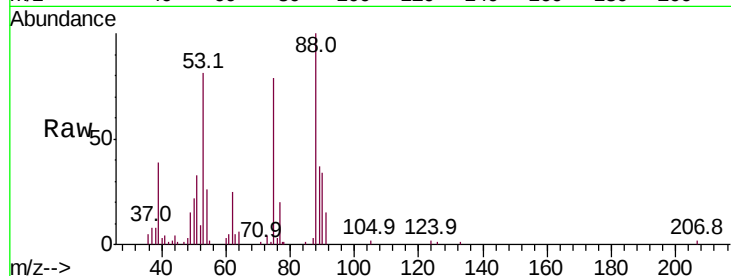
Tot Ion: 75 Resp: 29959

Ion Ratio Lower Upper

75 100

53 103.5 51.0 153.0

89 47.2 24.8 74.3



#78

4-Chlorotoluene

Concen: 18.215 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064314.D

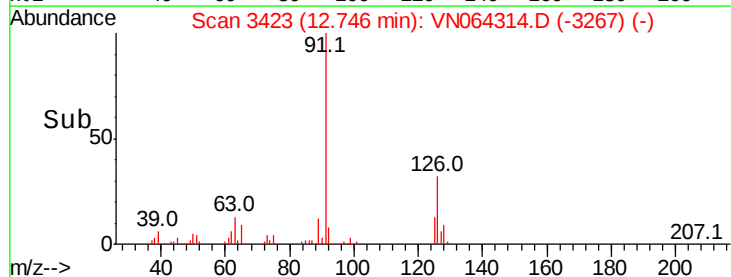
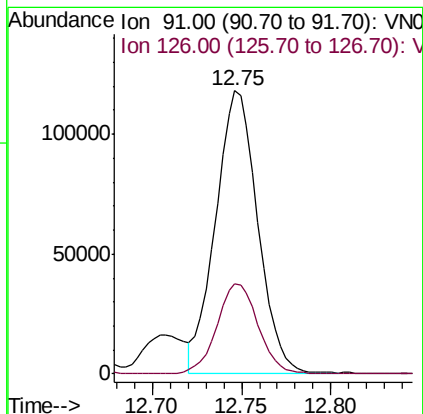
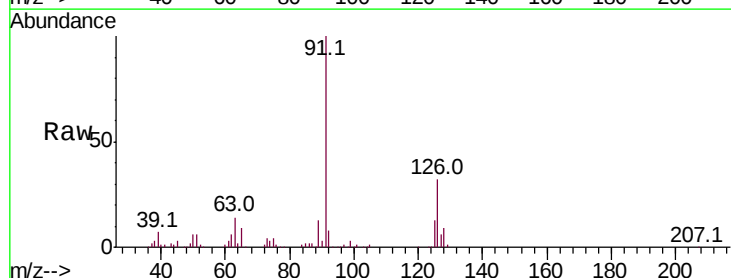
Acq: 26 Oct 2020 21:02

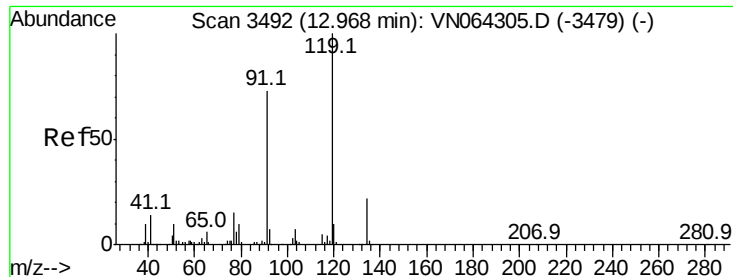
Tgt Ion: 91 Resp: 191656

Ion Ratio Lower Upper

91 100

126 31.5 0.0 62.4

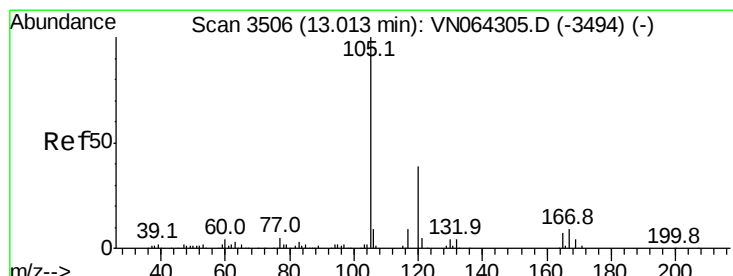
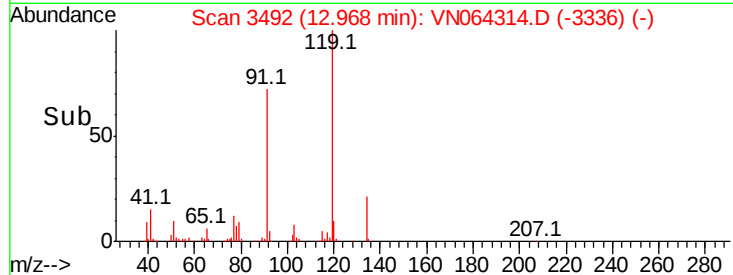
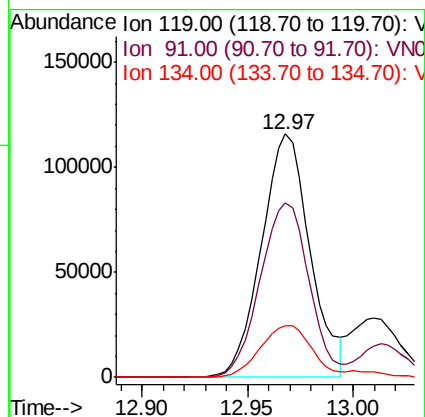
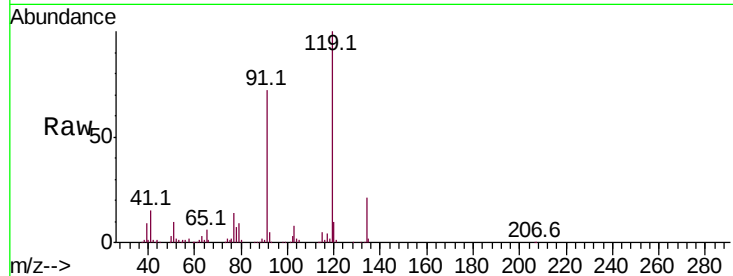




#79
tert-butylbenzene
Concen: 18.702 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

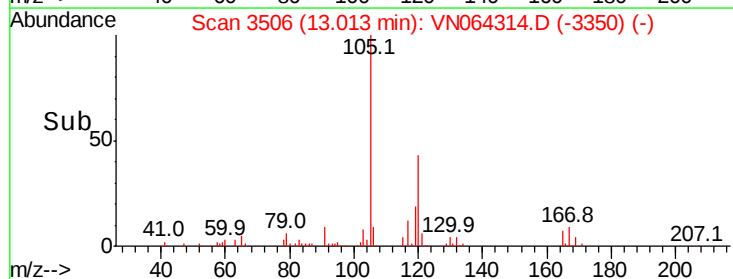
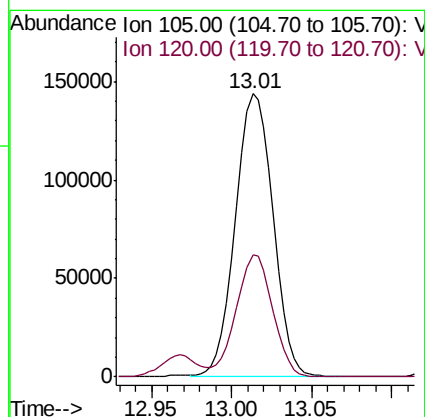
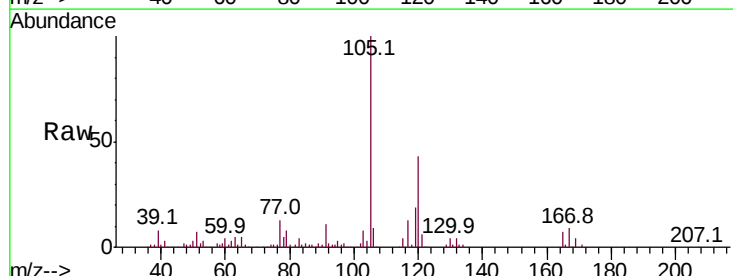
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

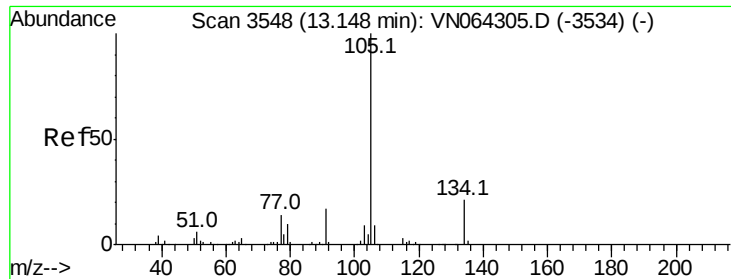
Tot Ion	Ratio	Lower	Upper
119	100		
91	72.1	0.0	146.8
134	22.2	0.0	48.6



#80
1,2,4-Trimethylbenzene
Concen: 18.998 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	40.9	0.0	87.0

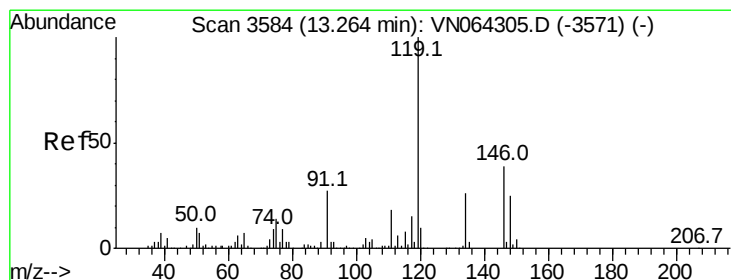
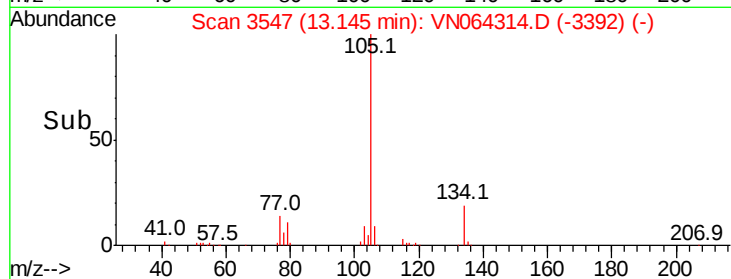
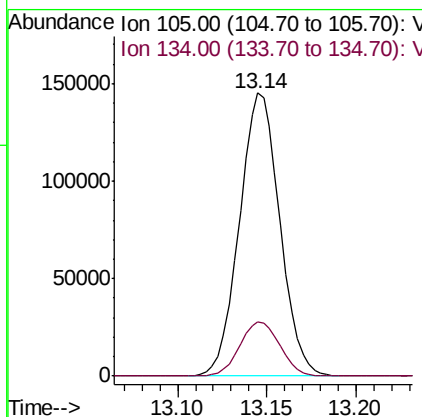
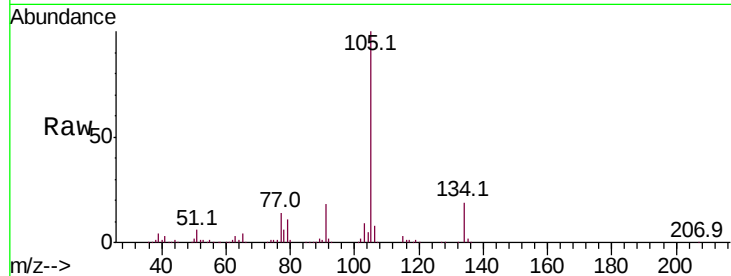




#81
 sec-Butylbenzene
 Concen: 17.812 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

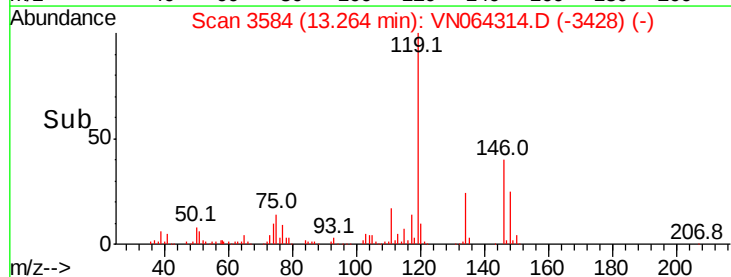
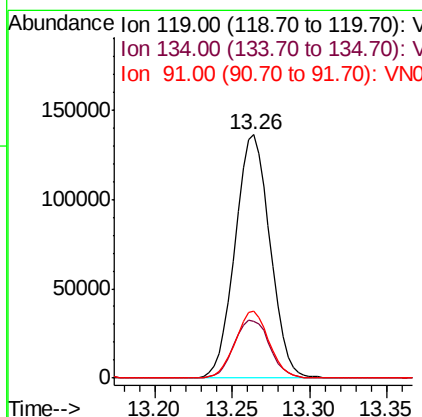
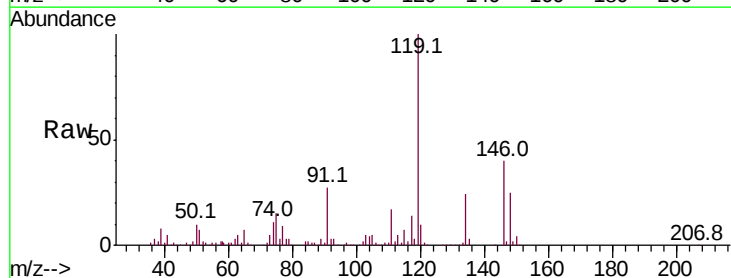
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

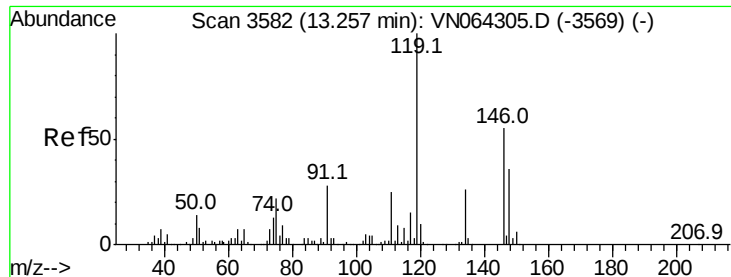
Tot Ion:105 Resp: 229836
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.023 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion:119 Resp: 213021
 Ion Ratio Lower Upper
 119 100
 134 24.5 0.0 52.2
 91 26.6 0.0 56.0

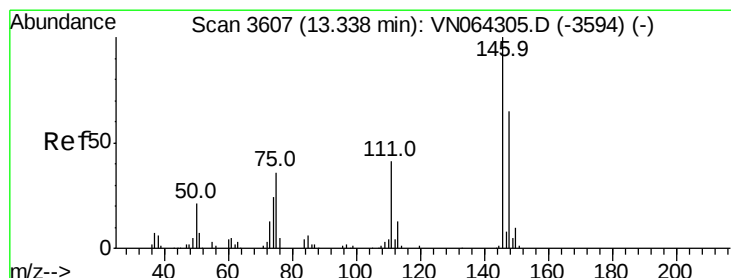
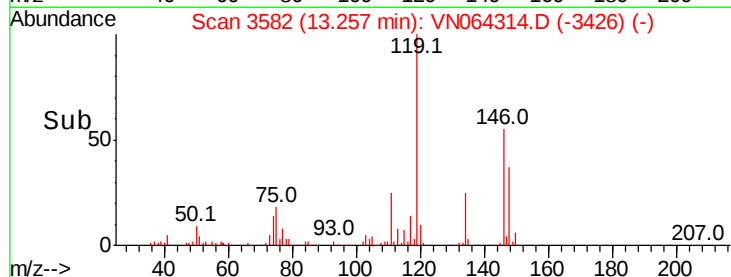
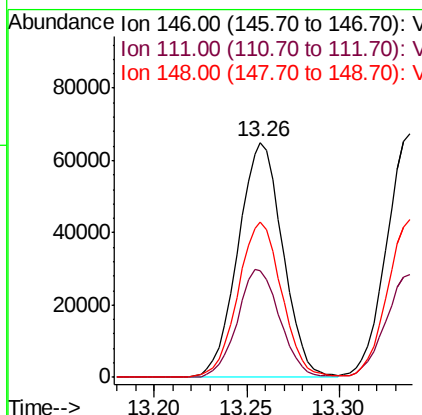
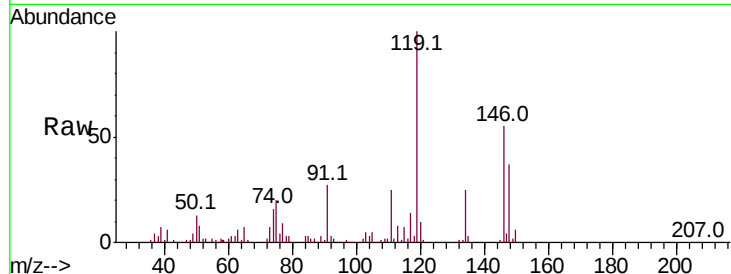




#83
 1,3-Dichlorobenzene
 Concen: 17.940 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

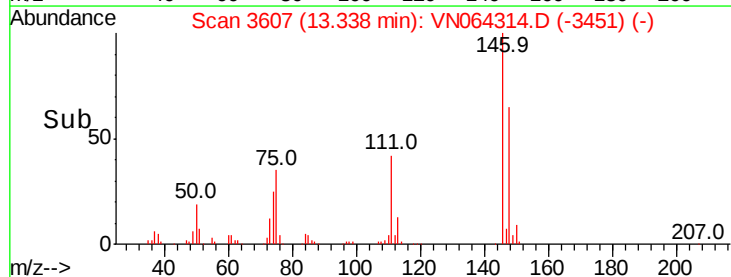
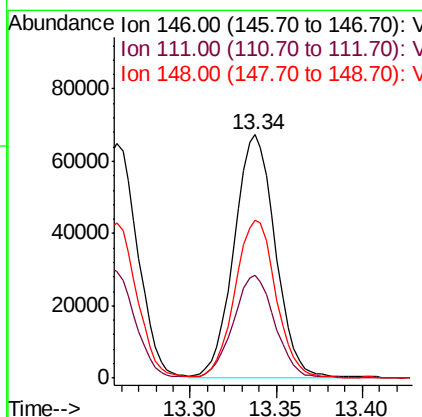
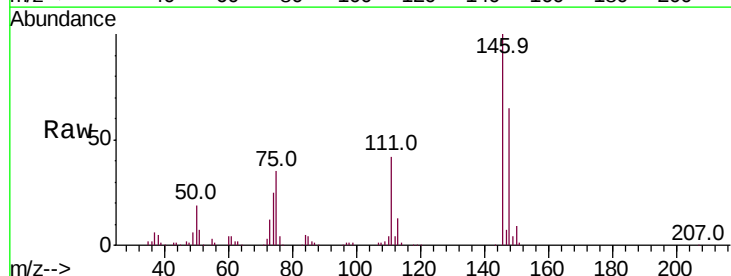
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

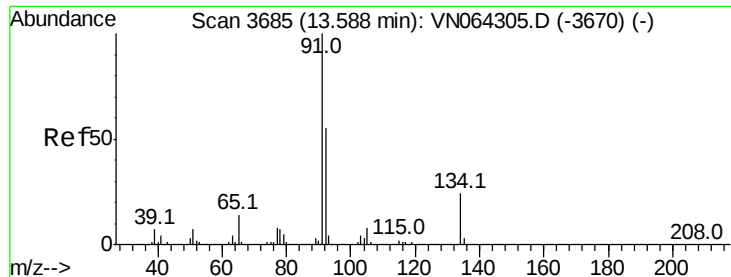
Tot Ion:146 Resp: 108976
 Ion Ratio Lower Upper
 146 100
 111 43.5 22.5 67.5
 148 64.7 32.5 97.5



#84
 1,4-Dichlorobenzene
 Concen: 18.483 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion:146 Resp: 112746
 Ion Ratio Lower Upper
 146 100
 111 41.4 21.6 64.8
 148 64.5 32.4 97.0

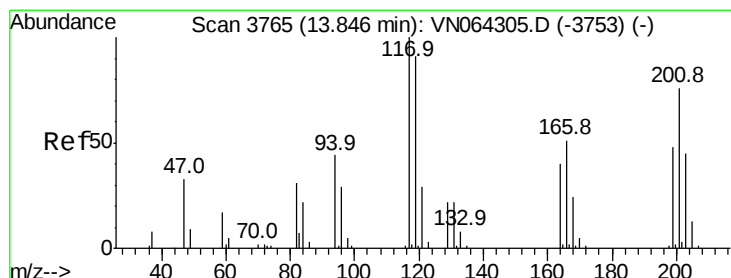
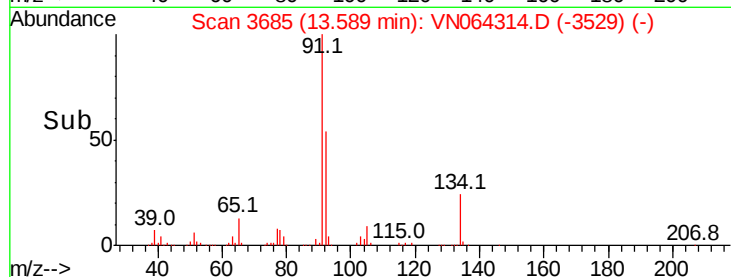
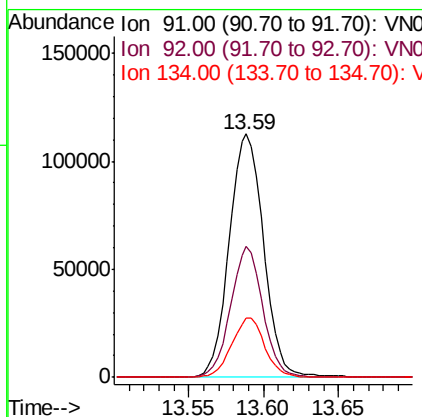
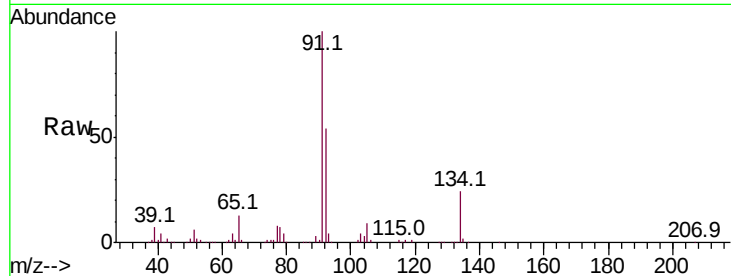




#85
n-Butylbenzene
Concen: 17.510 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

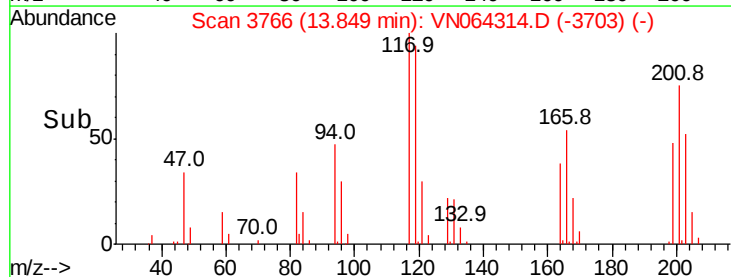
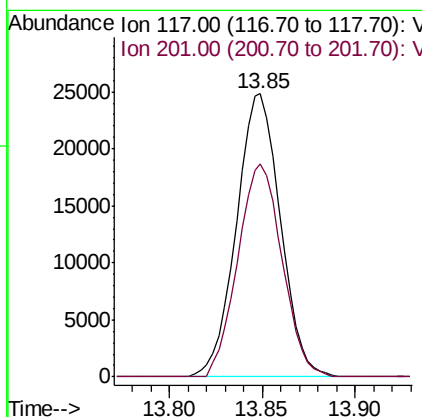
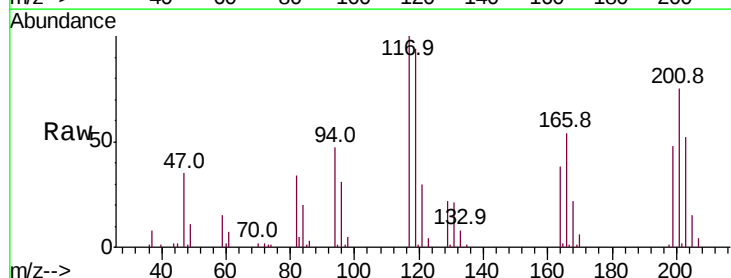
Instrument :
MSVOA_N
ClientSampleId :
VN1026WBSD01

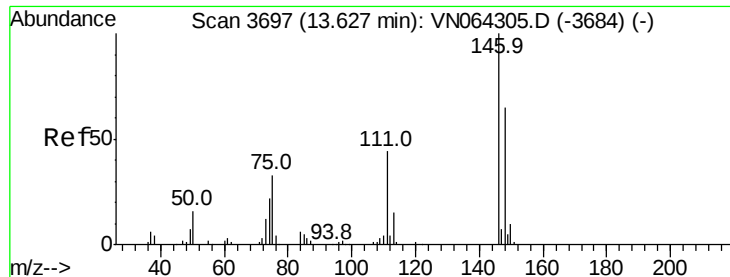
Tot Ion: 91 Resp: 180469
Ion Ratio Lower Upper
91 100
92 50.2 0.0 106.0
134 23.5 0.0 46.4



#86
Hexachloroethane
Concen: 18.604 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064314.D
Acq: 26 Oct 2020 21:02

Tgt Ion: 117 Resp: 41006
Ion Ratio Lower Upper
117 100
201 75.4 39.6 118.7





#87

1,2-Dichlorobenzene

Concen: 18.493 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

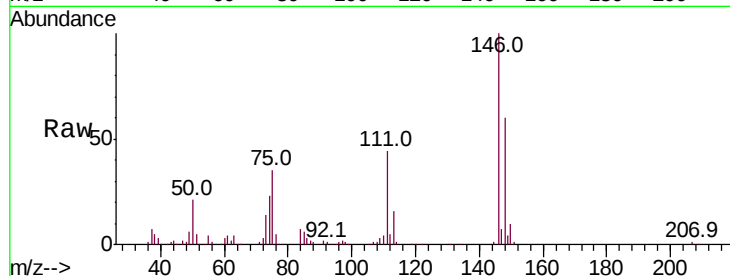
Tot Ion:146 Resp: 110613

Ion Ratio Lower Upper

146 100

111 43.2 22.3 66.8

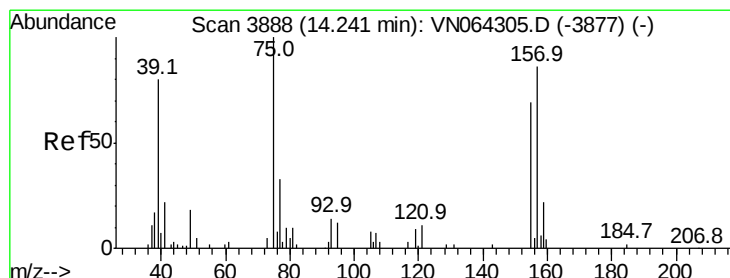
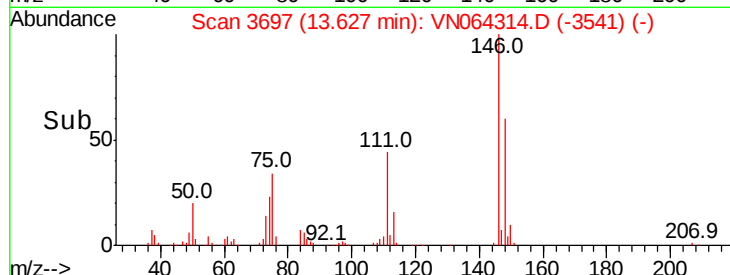
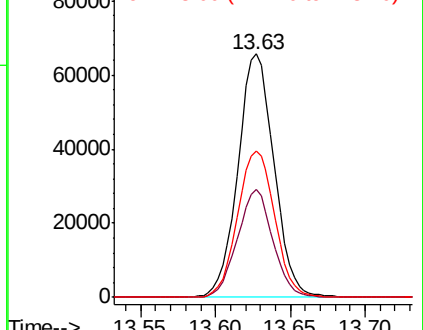
148 61.7 31.6 95.0



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: 19.247 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

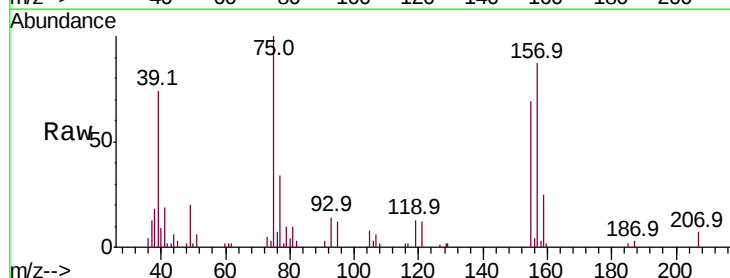
Tgt Ion: 75 Resp: 19773

Ion Ratio Lower Upper

75 100

155 69.5 55.8 83.8

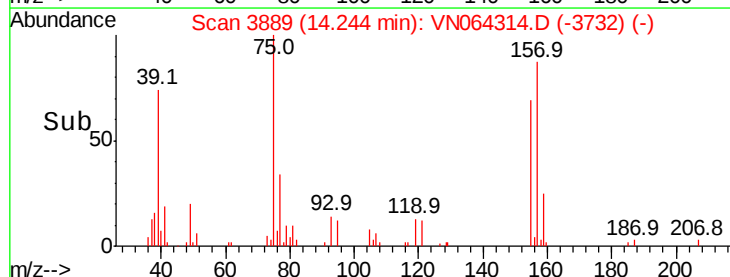
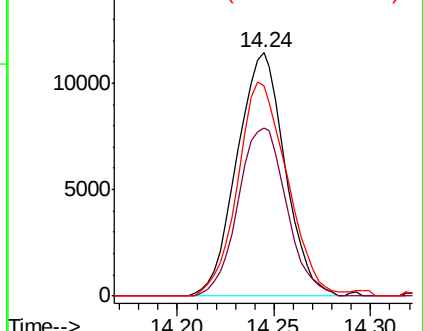
157 90.5 72.1 108.1

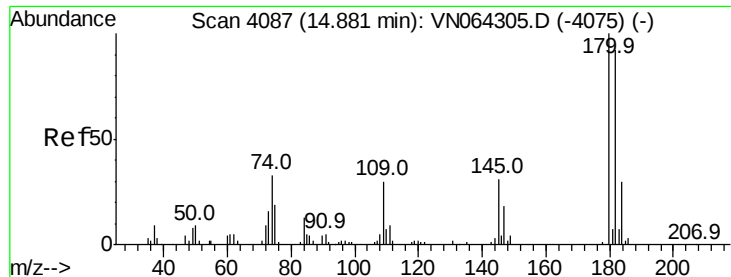


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

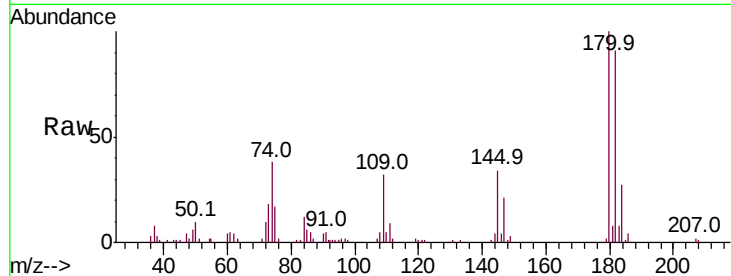




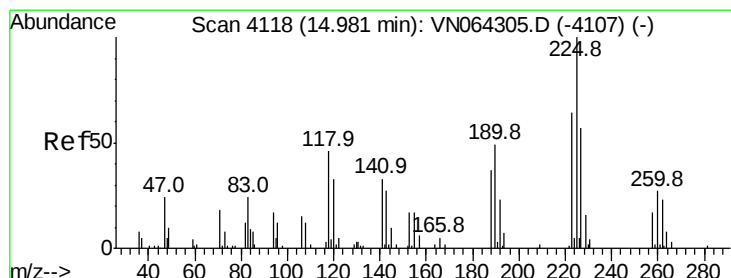
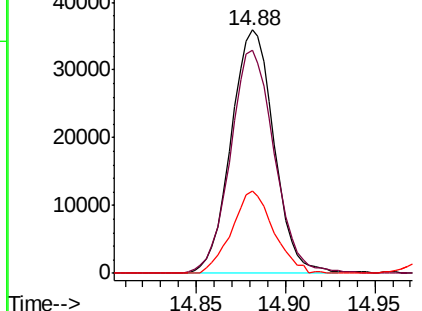
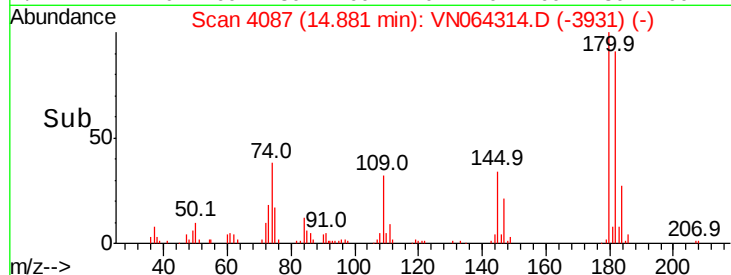
#89
 1,2,4-Trichlorobenzene
 Concen: 17.815 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1026WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.0	76.6	114.8
145	32.7	25.4	38.0

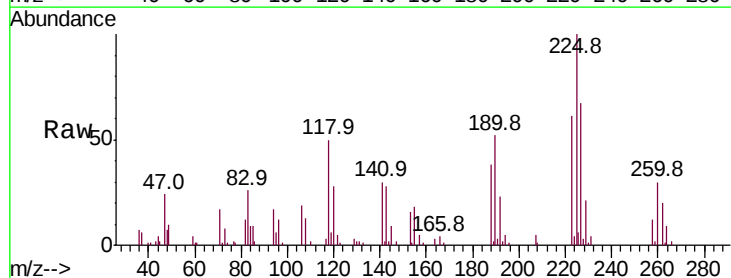


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

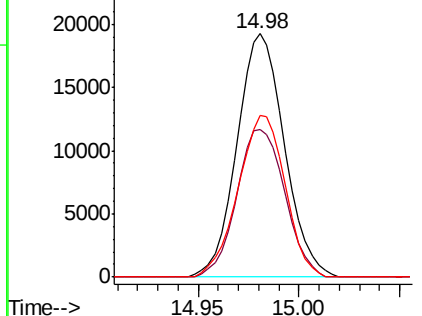
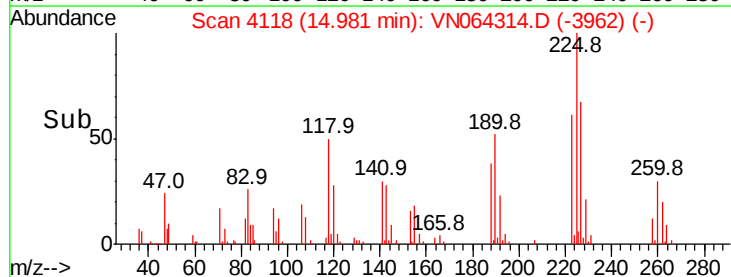


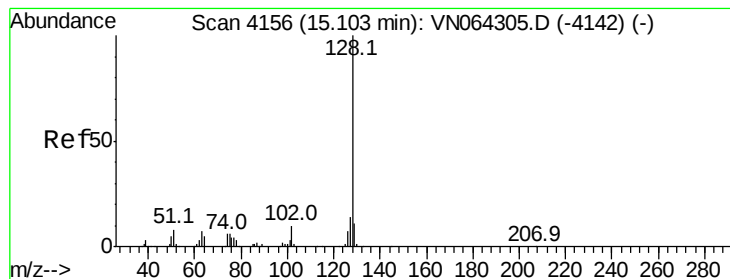
#90
 Hexachlorobutadiene
 Concen: 17.394 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064314.D
 Acq: 26 Oct 2020 21:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.5	0.0	122.0
227	65.7	0.0	118.0



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





#91

Naphthalene

Concen: 18.383 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

Instrument :

MSVOA_N

ClientSampleId :

VN1026WBSD01

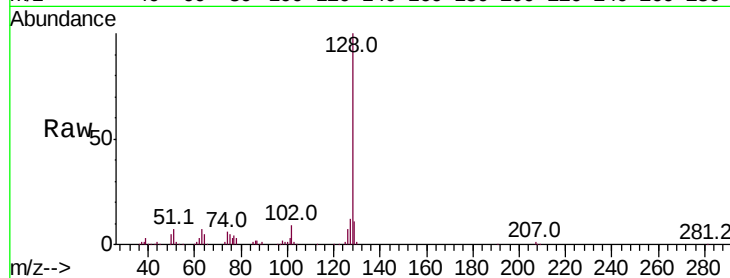
Tot Ion:128 Resp: 188067

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

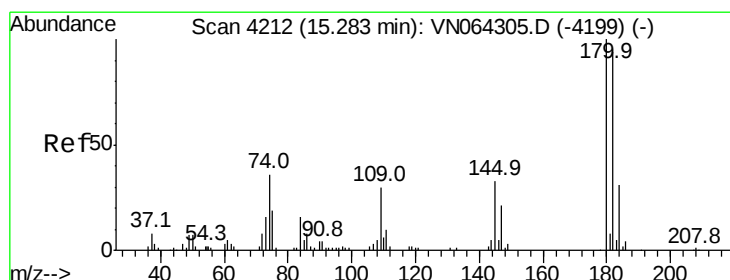
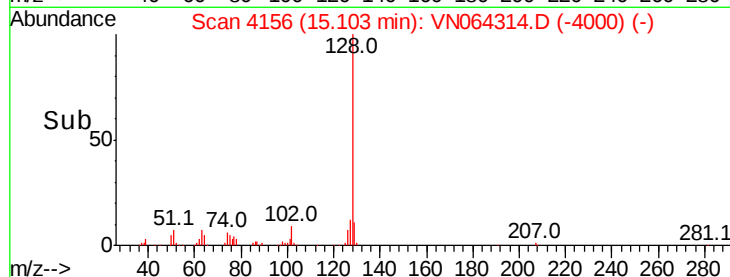
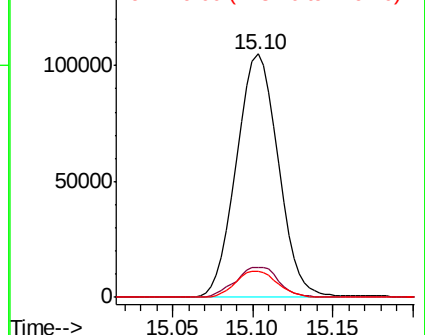
129 10.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 18.247 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064314.D

Acq: 26 Oct 2020 21:02

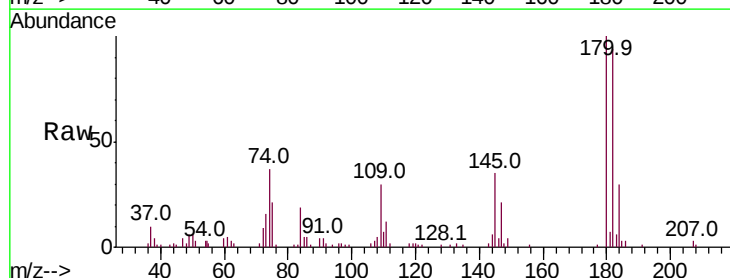
Tgt Ion:180 Resp: 59734

Ion Ratio Lower Upper

180 100

182 94.0 0.0 190.0

145 35.0 0.0 67.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

