

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102620\
 Data File : VN064310.D
 Acq On : 26 Oct 2020 18:17
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

Quant Time: Oct 27 02:36:07 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	47088	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	263776	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	236856	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	131806	31.11	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.70%
60) 4-Bromofluorobenzene	12.37	95	131821	31.11	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.70%
63) Toluene-d8	10.06	98	332923	31.52	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.07%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	74170	19.259 ug/l	91
3) Chloromethane	2.04	50	70905	19.704 ug/l	98
4) Vinyl Chloride	2.16	62	65405	18.643 ug/l	92
5) Bromomethane	2.53	94	44463	20.532 ug/l	90
6) Chloroethane	2.67	64	36923	18.841 ug/l	97
7) Trichlorofluoromethane	2.98	101	105503	19.519 ug/l	93
8) Diethyl Ether	3.38	74	33614	19.414 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52049	18.905 ug/l	88
10) 1,1-Dichloroethene	3.70	96	50857	19.222 ug/l	91
11) Methyl Iodide	3.91	142	64571	17.044 ug/l	95
12) Methyl Acetate	4.28	43	61378	19.374 ug/l	93
13) Acrolein	3.57	56	18549	88.648 ug/l	94
14) Acrylonitrile	4.93	53	127068	92.210 ug/l #	62
15) Acetone	3.77	58	33104	87.332 ug/l	86
16) Carbon Disulfide	4.01	76	145758	18.559 ug/l	98
17) Allyl chloride	4.28	41	88026	17.523 ug/l	97
18) Methylene Chloride	4.50	84	54843	18.203 ug/l	94
19) trans-1,2-Dichloroethene	4.99	96	54438	18.957 ug/l	91
20) Diisopropyl ether	5.90	45	192297	18.912 ug/l	96
21) 1,1-Dichloroethane	5.80	63	109631	19.248 ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	63193	19.071 ug/l #	85
23) tert-Butyl Alcohol	4.73	59	62020	98.888 ug/l #	100
24) Methyl tert-Butyl Ether	4.99	73	190330	19.044 ug/l	97
25) Chloroform	7.33	83	112254	19.104 ug/l	98
26) Cyclohexane	7.61	56	87047	18.656 ug/l #	99
29) 1,1-Dichloropropene	7.75	75	83907	18.477 ug/l	95
30) 2-Butanone	6.78	43	198736	92.880 ug/l #	98
31) 2,2-Dichloropropane	6.77	77	101565	18.619 ug/l #	65
32) 1,1,1-Trichloroethane	7.53	97	107558	18.922 ug/l	98
33) Carbon Tetrachloride	7.73	117	95187	18.301 ug/l	97
34) Benzene	8.00	78	226784	18.609 ug/l	96
35) Methacrylonitrile	7.17	41	124684	55.799 ug/l #	56
36) 1,2-Dichloroethane	8.08	62	100805	18.622 ug/l #	90
37) Trichloroethene	8.80	130	62293	18.740 ug/l	99
38) Methylcyclohexane	9.05	83	80705	18.392 ug/l	98
39) 1,2-Dichloropropane	9.08	63	61106	18.573 ug/l	98
40) Dibromomethane	9.17	93	44453	19.466 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	90119	18.272	ug/l	96
42) Vinyl Acetate	5.84	43	832483	91.048	ug/l	99
43) Ethyl Acetate	6.88	43	81992	18.799	ug/l #	81
44) Isopropyl Acetate	7.97	43	5354	0.668	ug/l	95
45) 1,4-Dioxane	9.16	88	21921	354.681	ug/l	89
46) Methyl methacrylate	9.17	41	75055	19.193	ug/l	98
47) n-amyl Acetate	12.05	43	119184	17.665	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	101147	18.182	ug/l	98
49) cis-1,3-Dichloropropene	9.81	75	101659	17.931	ug/l	96
50) 1,1,2-Trichloroethane	10.53	97	55686	18.163	ug/l	95
51) Ethyl methacrylate	10.40	69	85494	17.859	ug/l	99
52) 1,3-Dichloropropane	10.68	76	99975	18.570	ug/l	96
53) Dibromochloromethane	10.87	129	67812	18.110	ug/l	98
54) 1,2-Dibromoethane	10.98	107	60524	18.480	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	226106	94.894	ug/l	98
56) Bromoform	12.10	173	46834	17.446	ug/l	98
58) 4-Methyl-2-Pentanone	9.95	43	420106	95.870	ug/l	100
59) 2-Hexanone	10.72	43	305516	93.309	ug/l	99
61) Tetrachloroethene	10.60	164	59355	18.791	ug/l	96
62) Toluene	10.13	91	244120	18.711	ug/l	99
64) Chlorobenzene	11.41	112	155544	19.124	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	61785	19.229	ug/l	97
66) Ethyl Benzene	11.48	91	281127	18.854	ug/l	98
67) m/p-Xylenes	11.60	106	203740	37.206	ug/l	94
68) o-Xylene	11.92	106	99073	18.397	ug/l	99
69) Styrene	11.94	104	163479	18.214	ug/l	99
70) Isopropylbenzene	12.22	105	264892	18.551	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	77820	19.128	ug/l	99
72) 1,2,3-Trichloropropane	12.52	75	117926	27.219	ug/l	66
73) Bromobenzene	12.50	156	65893	18.824	ug/l	99
74) n-propylbenzene	12.57	91	295251	18.142	ug/l	99
75) 2-Chlorotoluene	12.65	91	189061	18.785	ug/l	99
76) 1,3,5-Trimethylbenzene	12.71	105	225206	18.649	ug/l	99
77) t-1,4-Dichloro-2-butene	12.27	75	29947	18.512	ug/l	96
78) 4-Chlorotoluene	12.75	91	194241	18.443	ug/l	100
79) tert-butylbenzene	12.97	119	182894	18.378	ug/l	99
80) 1,2,4-Trimethylbenzene	13.01	105	223531	18.351	ug/l	100
81) sec-Butylbenzene	13.14	105	230440	17.841	ug/l	99
82) p-Isopropyltoluene	13.26	119	213719	18.064	ug/l	97
83) 1,3-Dichlorobenzene	13.26	146	110978	18.252	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	110224	18.052	ug/l	98
85) n-Butylbenzene	13.59	91	185022	17.934	ug/l	96
86) Hexachloroethane	13.85	117	41189	18.668	ug/l	94
87) 1,2-Dichlorobenzene	13.63	146	109436	18.278	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	14.24	75	20627	20.058	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	59492	17.537	ug/l	99
90) Hexachlorobutadiene	14.98	225	33265	18.219	ug/l	98
91) Naphthalene	15.10	128	187834	18.342	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	61509	18.770	ug/l	93

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QLast Update : Mon Oct 26 17:44:53 2020
Response via : Initial Calibration

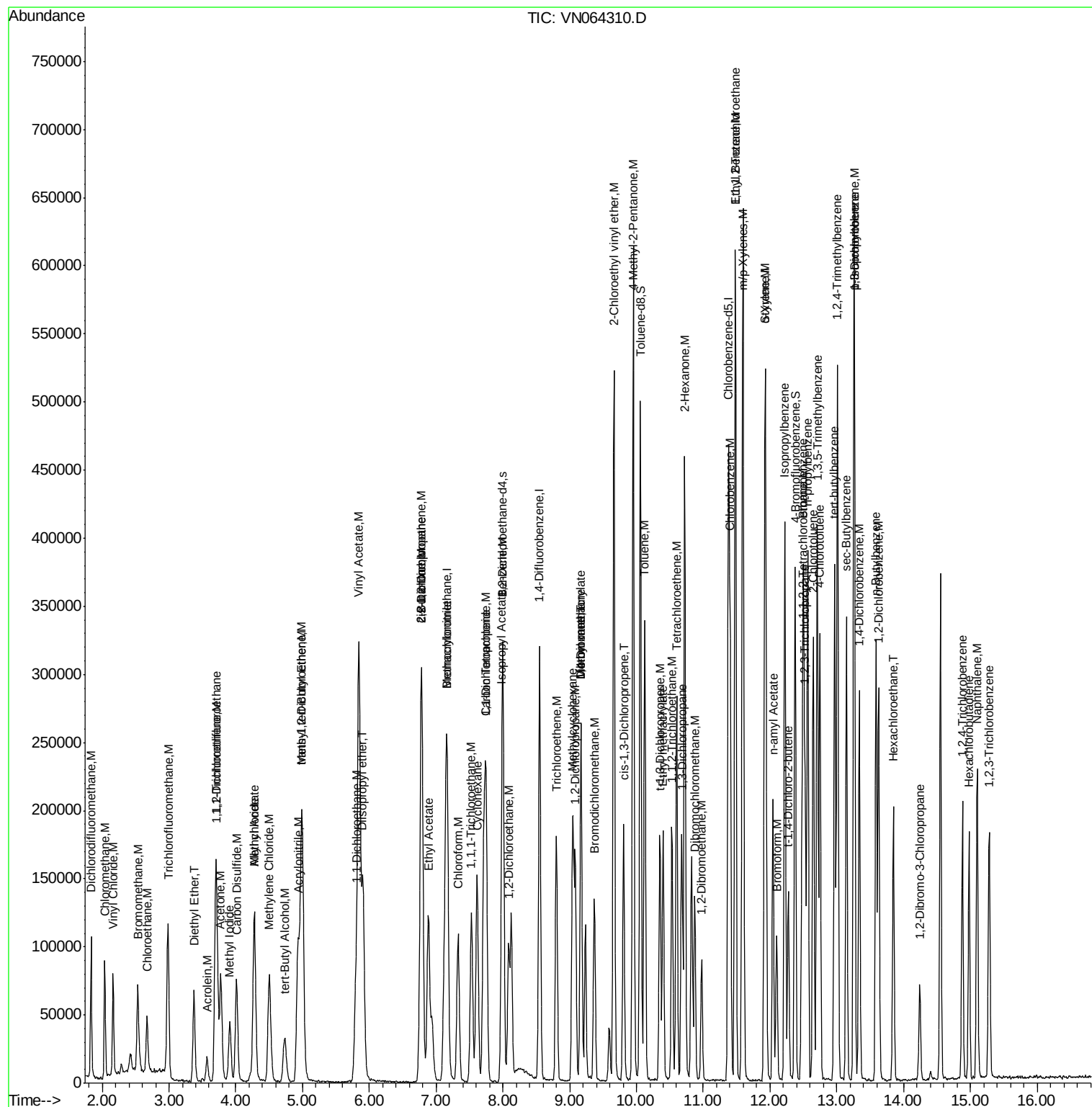
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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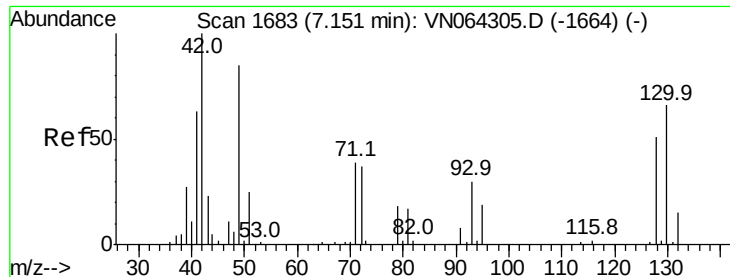
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102620\
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ClientSampleId :
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Quant Time: Oct 27 02:36:07 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

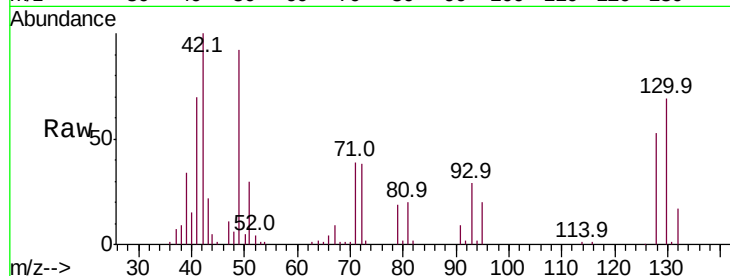
Tot Ion:128 Resp: 47088

Ion Ratio Lower Upper

128 100

49 177.8 0.0 439.5

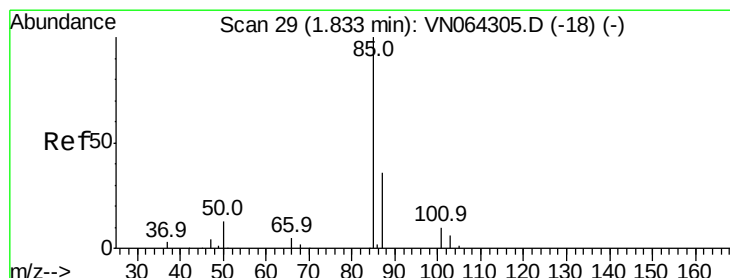
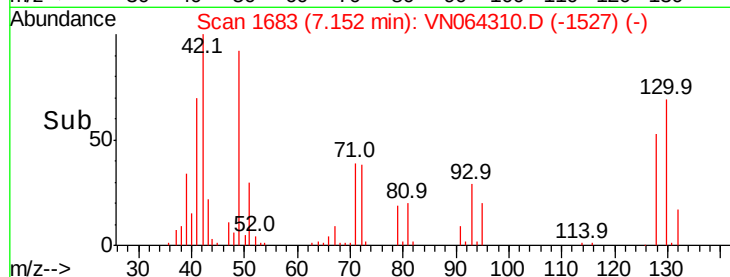
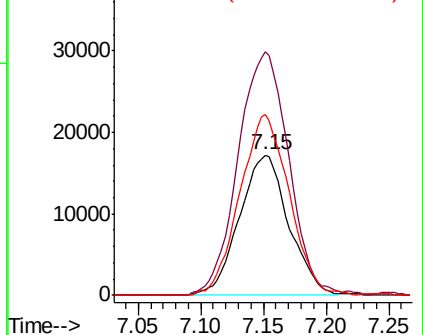
130 129.2 0.0 323.8



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: 19.259 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064310.D

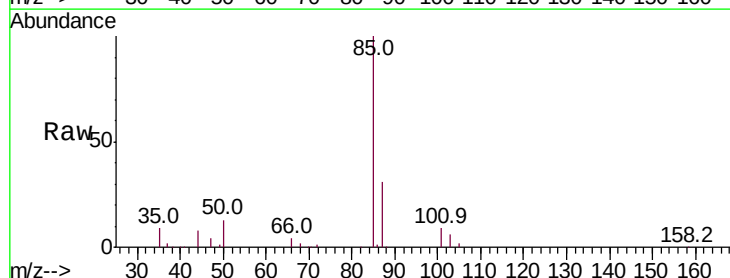
Acq: 26 Oct 2020 18:17

Tgt Ion: 85 Resp: 74170

Ion Ratio Lower Upper

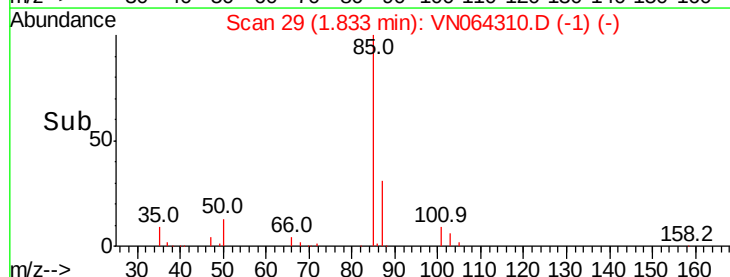
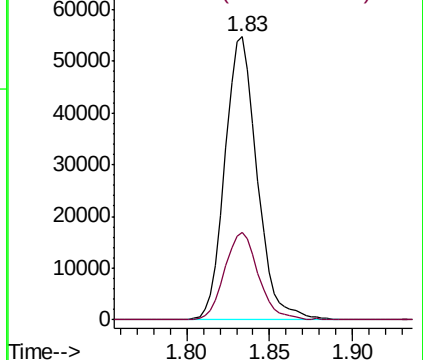
85 100

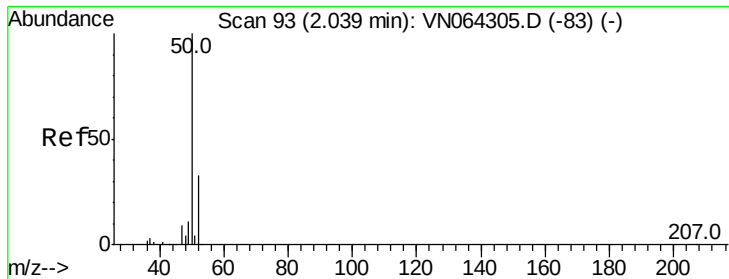
87 31.0 18.1 54.4



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

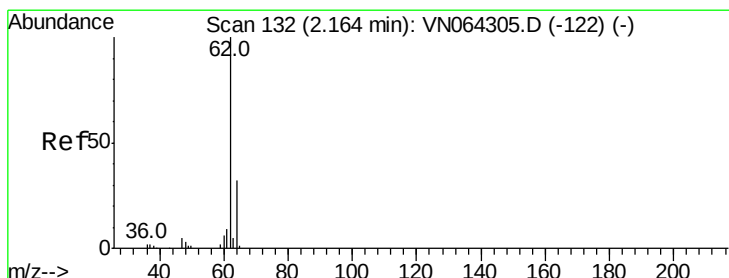
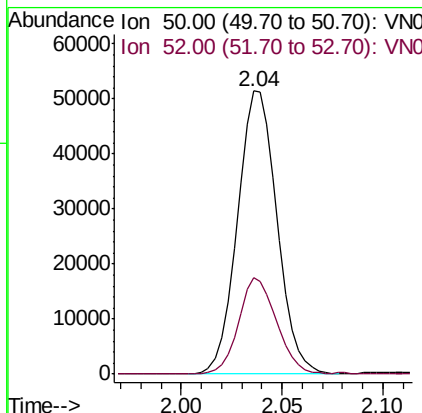
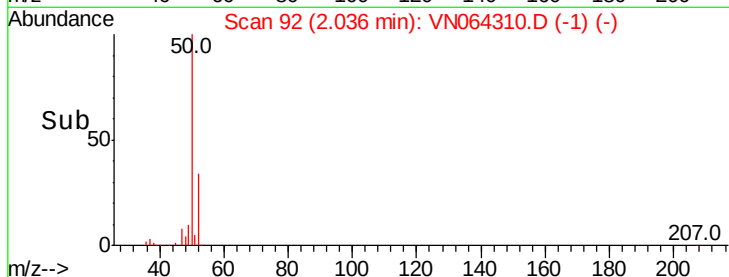
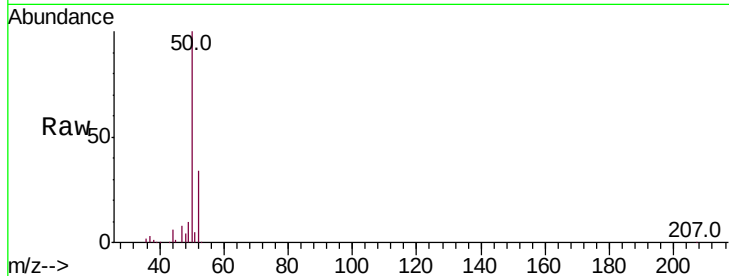




#3
Chloromethane
Concen: 19.704 ug/l
RT: 2.04 min Scan# 92
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

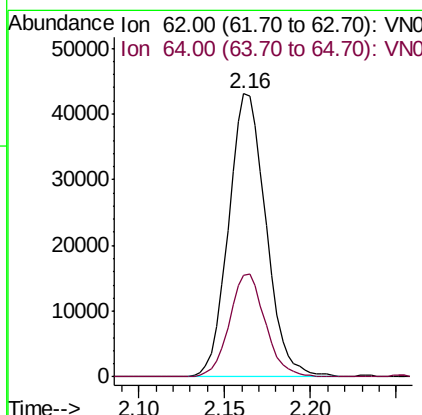
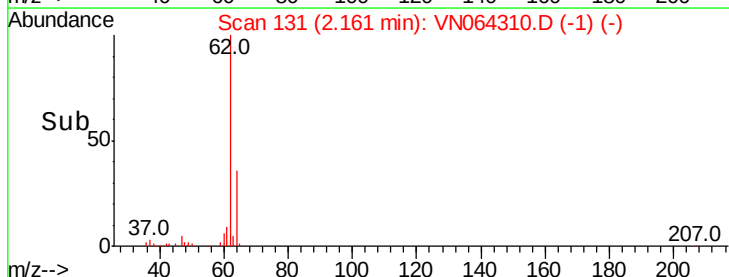
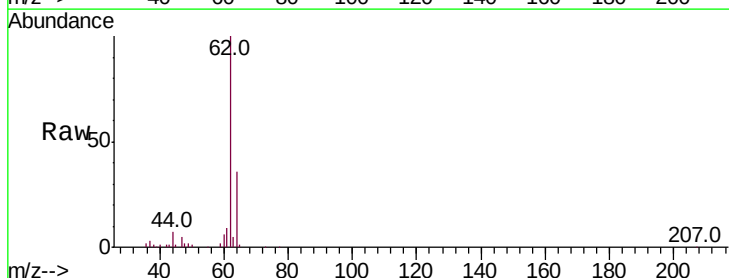
Instrument :
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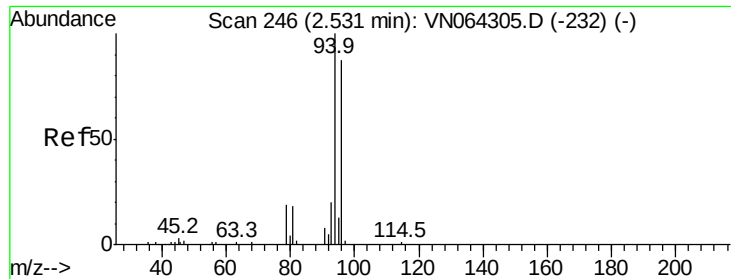
Tot Ion: 50 Resp: 70905
Ion Ratio Lower Upper
50 100
52 34.1 26.2 39.2



#4
Vinyl Chloride
Concen: 18.643 ug/l
RT: 2.16 min Scan# 131
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 62 Resp: 65405
Ion Ratio Lower Upper
62 100
64 36.1 25.5 38.3





#5

Bromomethane

Concen: 20.532 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

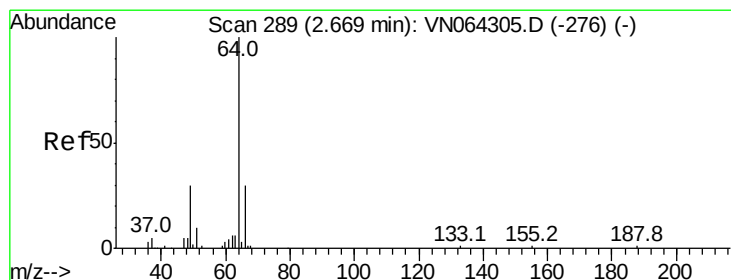
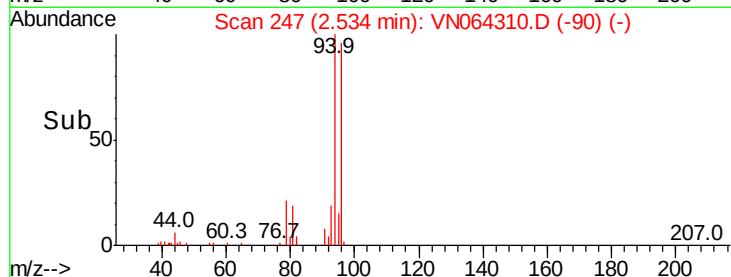
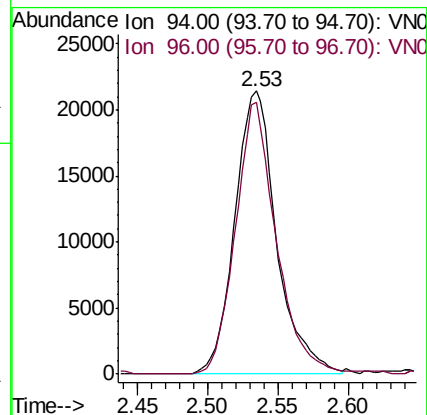
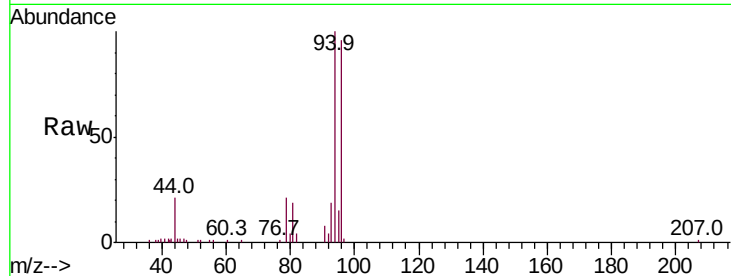
ICVFN102620

Tot Ion: 94 Resp: 44463

Ion Ratio Lower Upper

94 100

96 96.1 69.4 104.0



#6

Chloroethane

Concen: 18.841 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064310.D

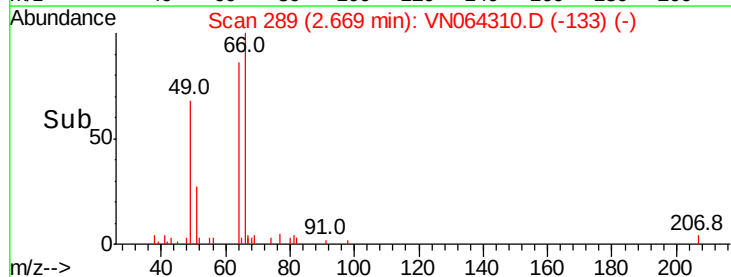
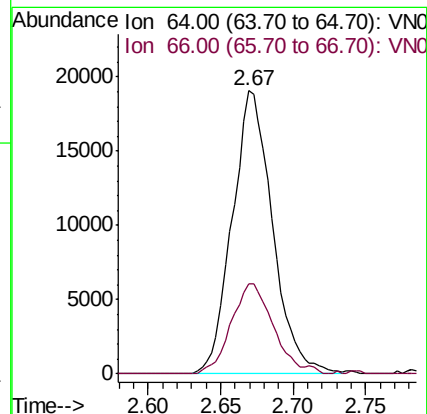
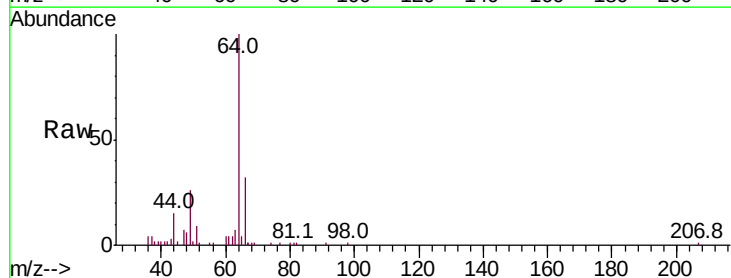
Acq: 26 Oct 2020 18:17

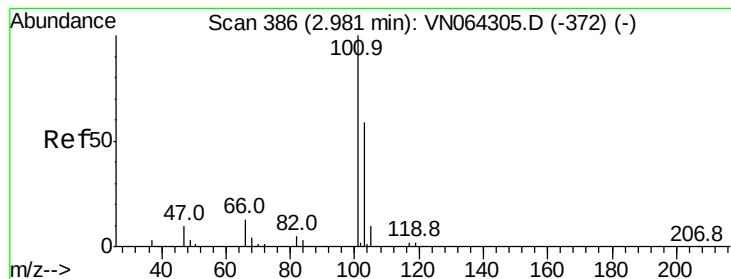
Tgt Ion: 64 Resp: 36923

Ion Ratio Lower Upper

64 100

66 31.9 24.1 36.1



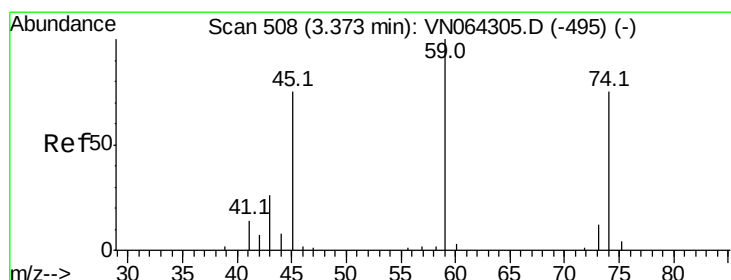
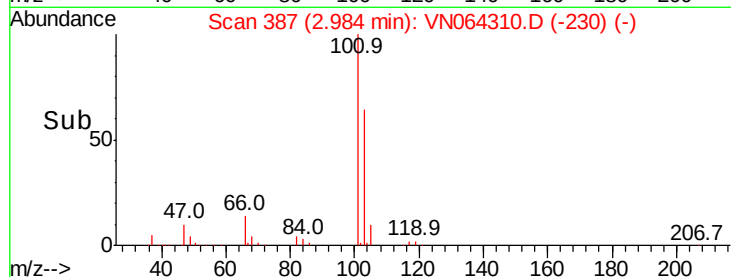
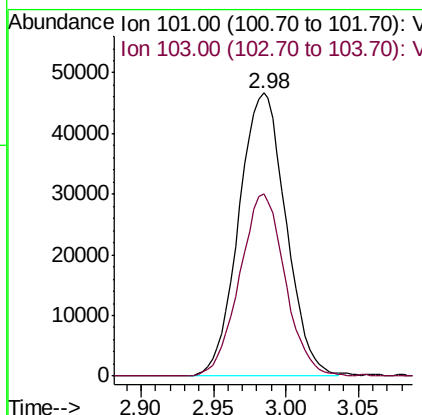
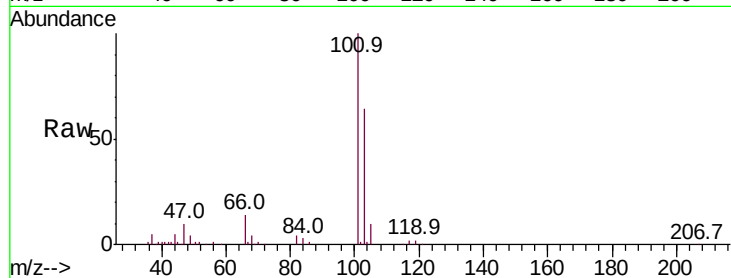


#7

Trichlorofluoromethane
 Concen: 19.519 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Instrument :
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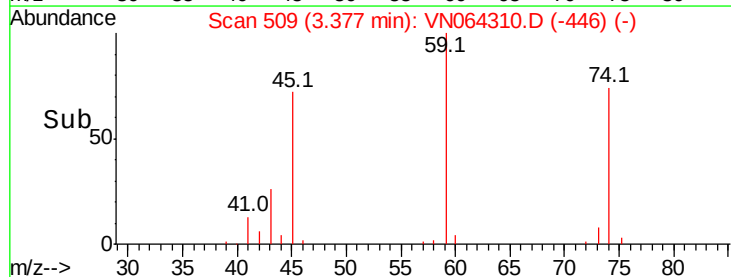
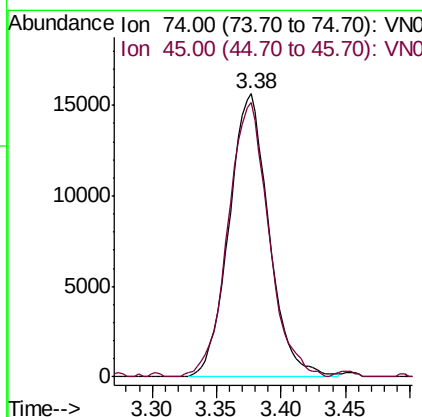
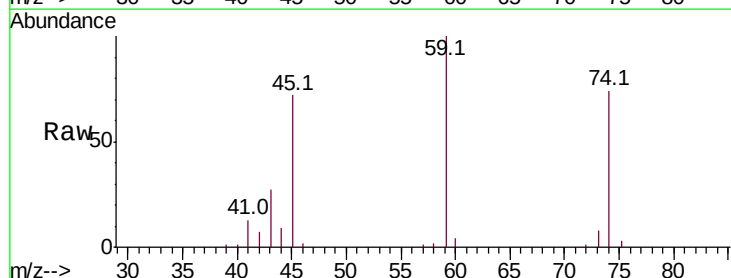
Tot Ion:101 Resp: 105503
 Ion Ratio Lower Upper
 101 100
 103 64.3 47.1 70.7

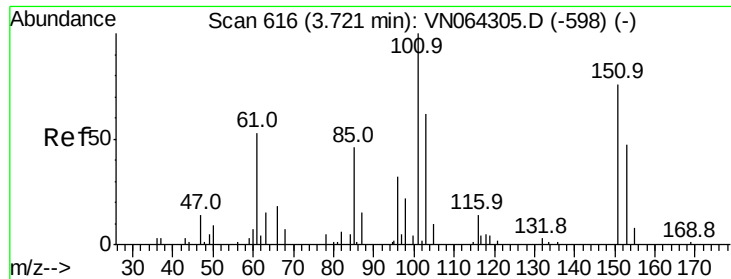


#8

Diethyl Ether
 Concen: 19.414 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion: 74 Resp: 33614
 Ion Ratio Lower Upper
 74 100
 45 99.3 20.4 183.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.905 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

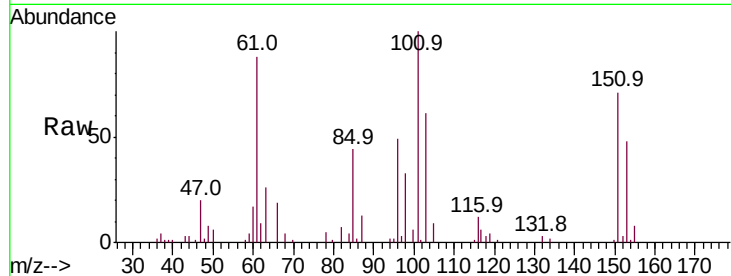
Tot Ion:101 Resp: 52049

Ion Ratio Lower Upper

101 100

85 29.8 0.0 96.2

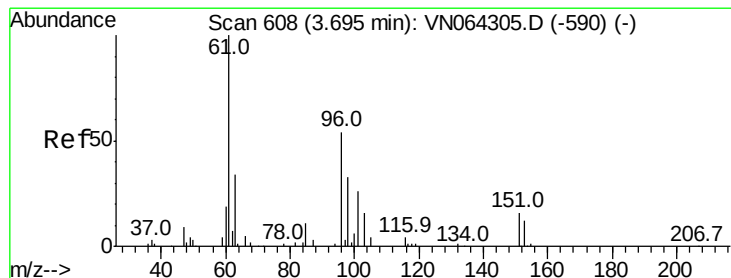
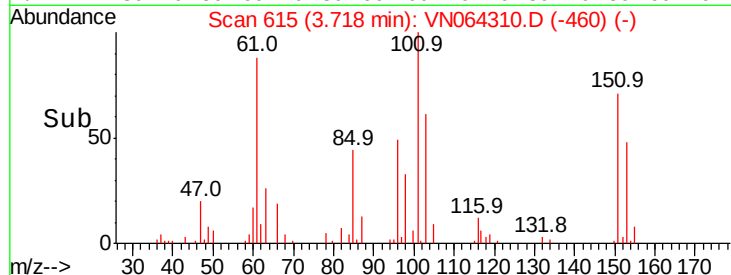
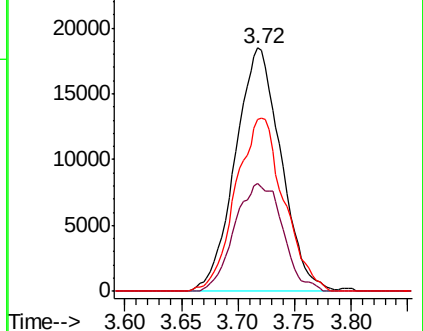
151 74.7 0.0 154.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VNO

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.222 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

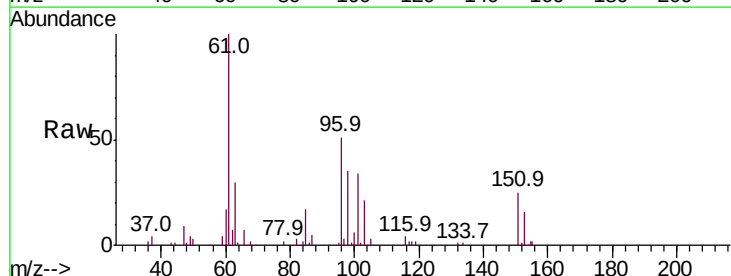
Tgt Ion: 96 Resp: 50857

Ion Ratio Lower Upper

96 100

61 197.0 147.4 221.2

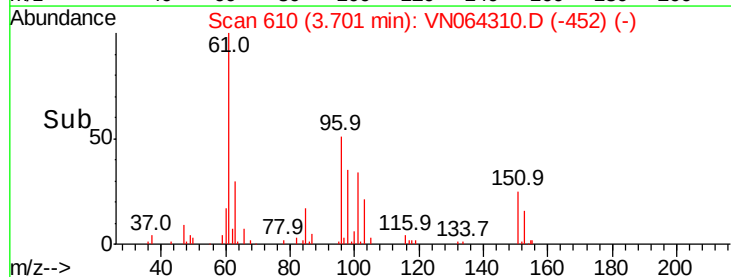
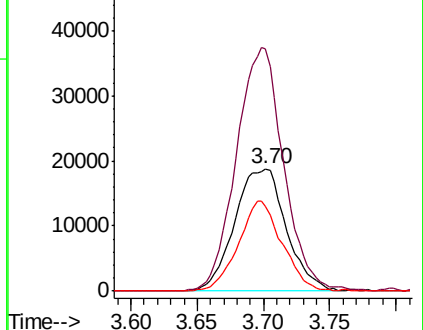
98 69.3 48.8 73.2

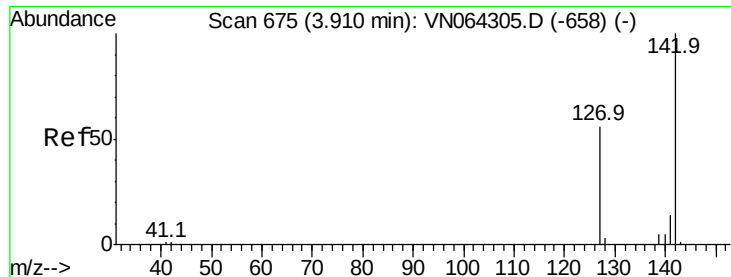


Abundance Ion 96.00 (95.70 to 96.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

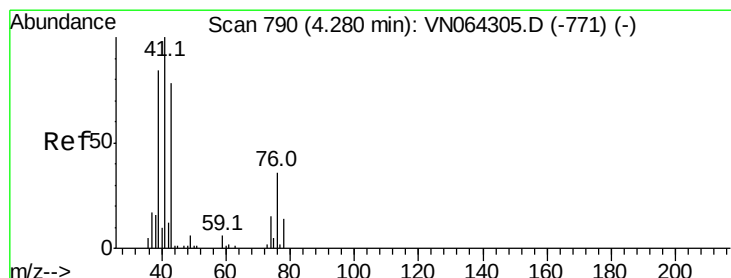
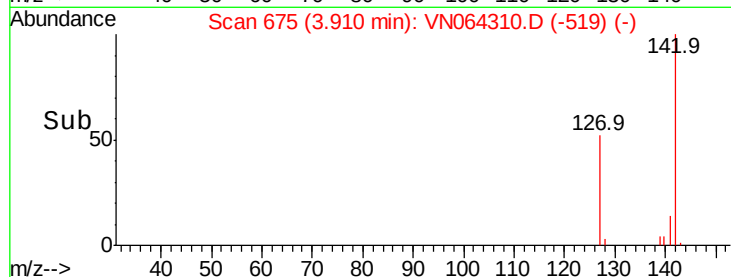
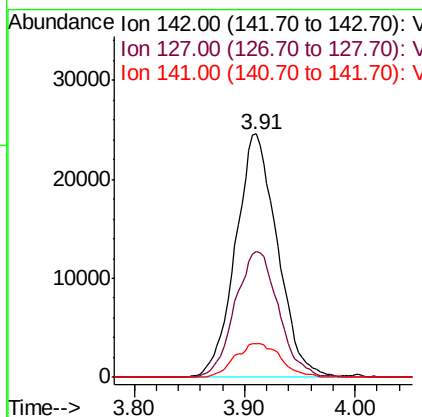
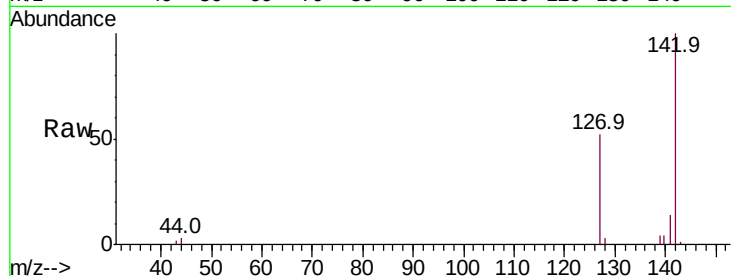




#11
Methvl Iodide
Concen: 17.044 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

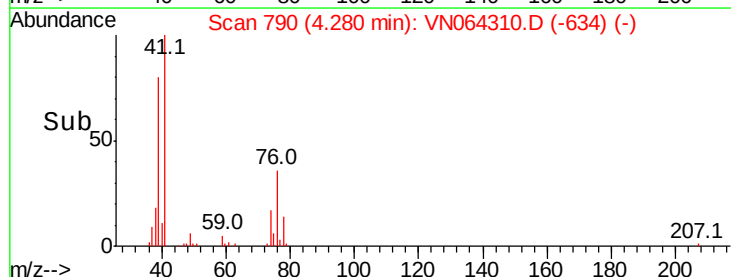
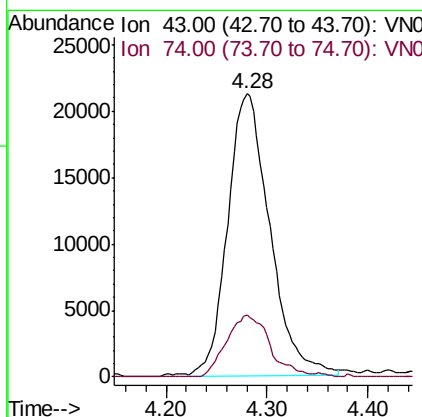
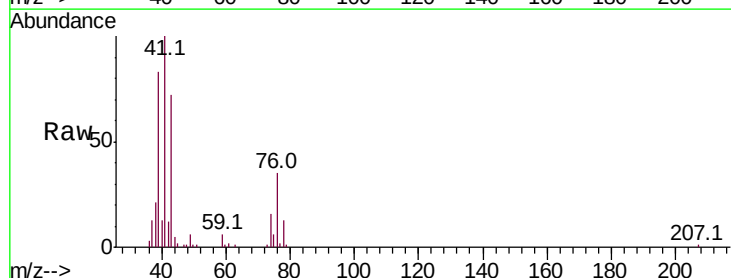
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

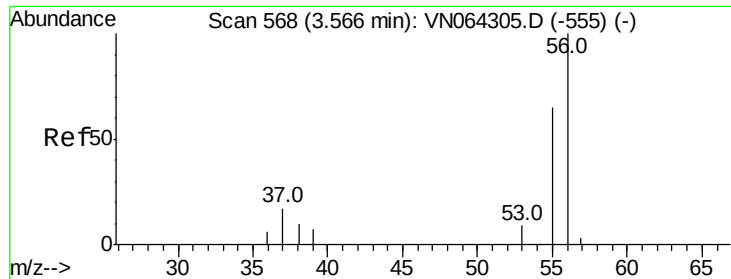
Tot Ion:142 Resp: 64571
Ion Ratio Lower Upper
142 100
127 51.7 27.9 83.7
141 13.6 7.1 21.3



#12
Methyl Acetate
Concen: 19.374 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 43 Resp: 61378
Ion Ratio Lower Upper
43 100
74 22.4 15.4 23.0





#13

Acrolein

Concen: 88.648 ug/l

RT: 3.57 min Scan# 570

Delta R.T. 0.01 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

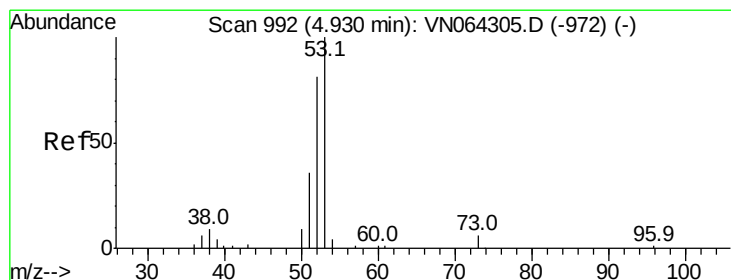
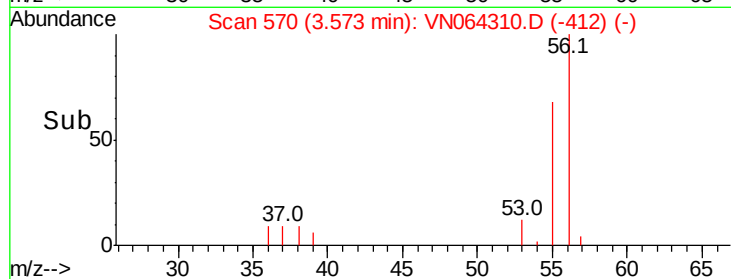
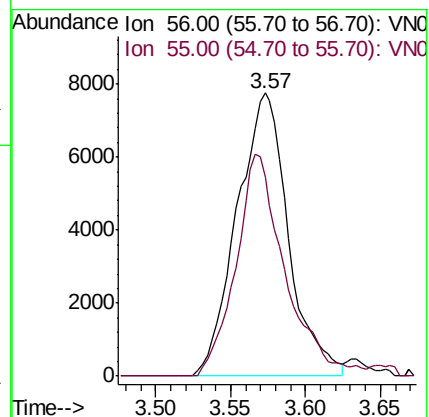
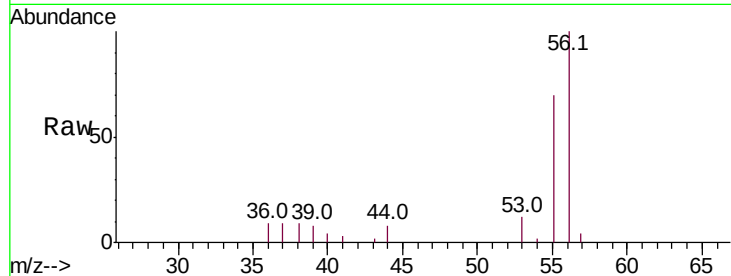
ICVFN102620

Tot Ion: 56 Resp: 18549

Ion Ratio Lower Upper

56 100

55 74.4 55.5 83.3



#14

Acrylonitrile

Concen: 92.210 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

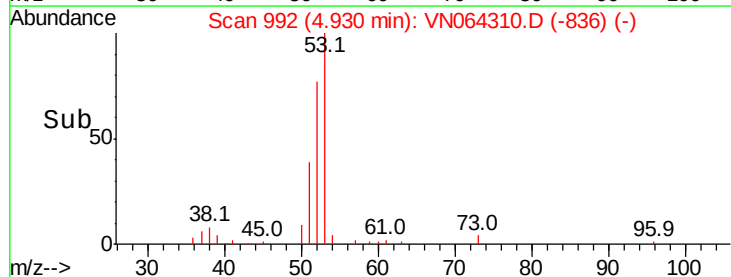
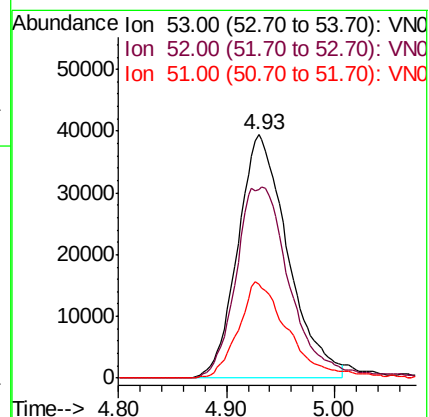
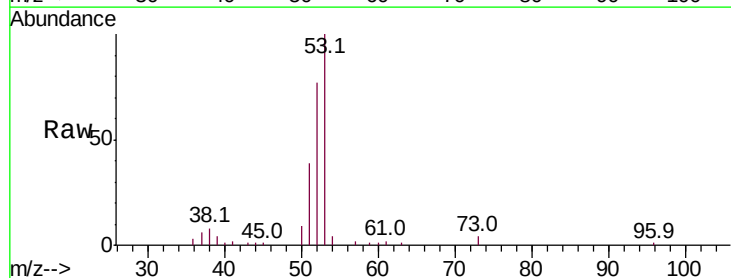
Tgt Ion: 53 Resp: 127068

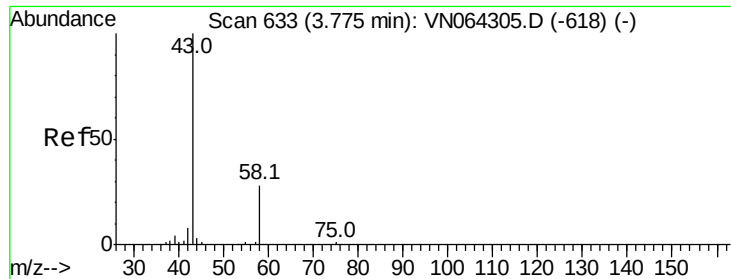
Ion Ratio Lower Upper

53 100

52 32.9 41.7 125.1#

51 38.4 19.4 58.2





#15

Acetone

Concen: 87.332 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

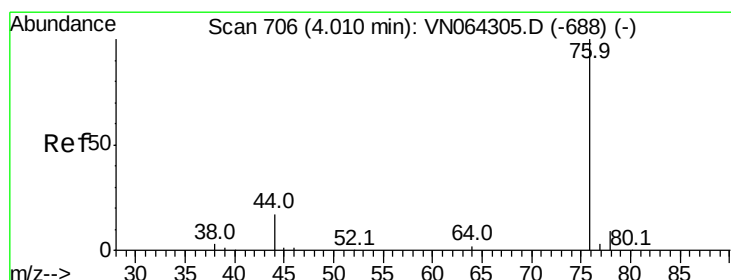
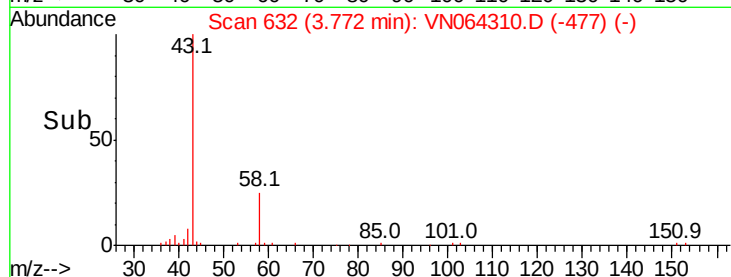
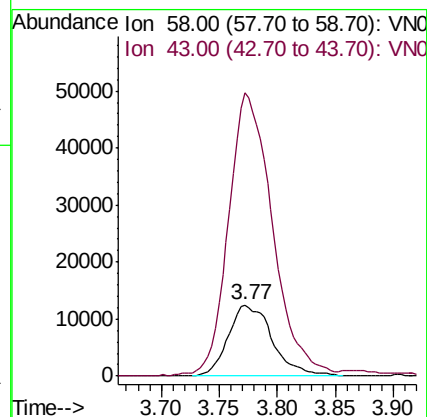
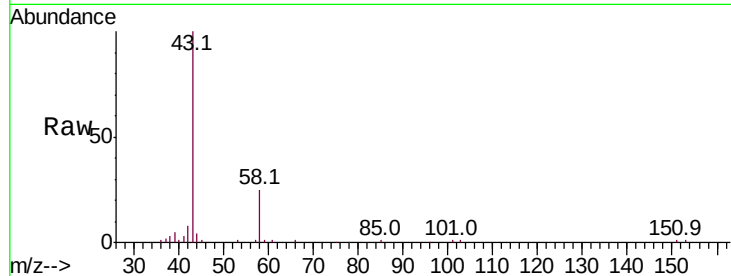
ICVFN102620

Tot Ion: 58 Resp: 33104

Ion Ratio Lower Upper

58 100

43 393.9 289.9 434.9



#16

Carbon Disulfide

Concen: 18.559 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064310.D

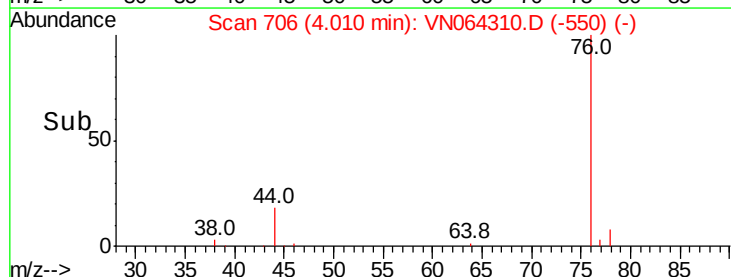
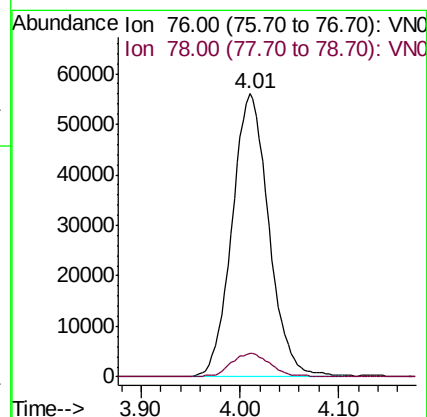
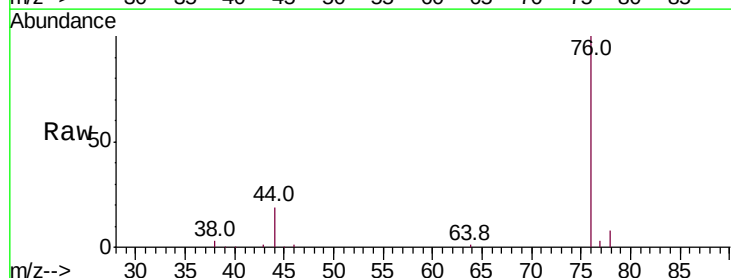
Acq: 26 Oct 2020 18:17

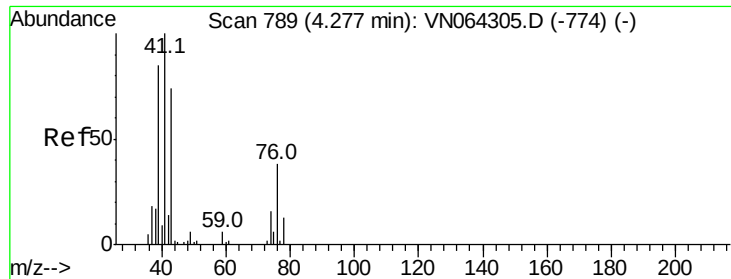
Tgt Ion: 76 Resp: 145758

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.4

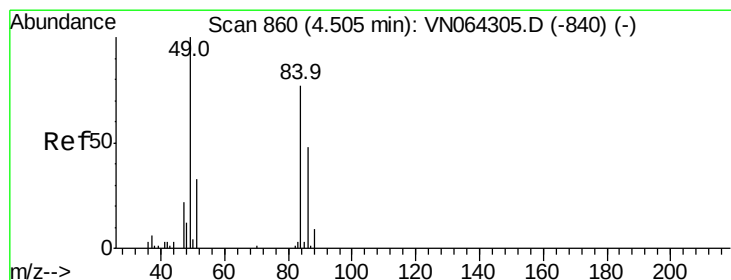
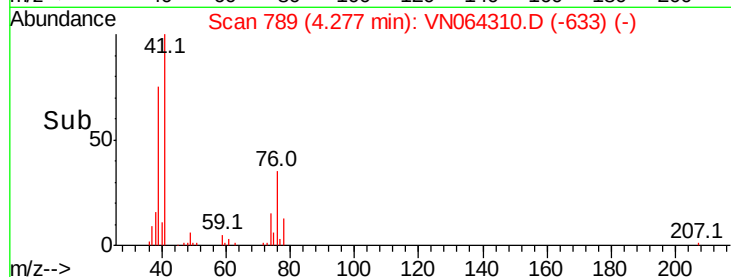
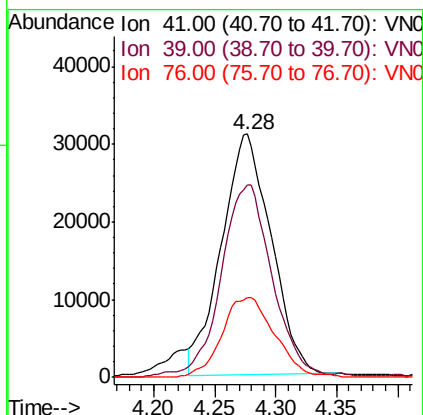
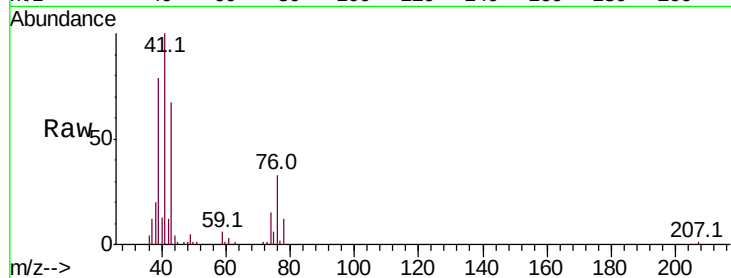




#17
Allvl chloride
Concen: 17.523 ug/l
RT: 4.28 min Scan# 789
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

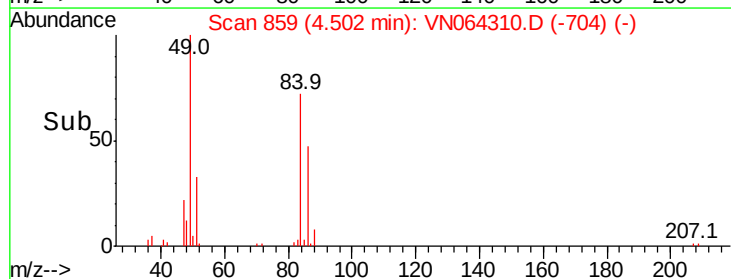
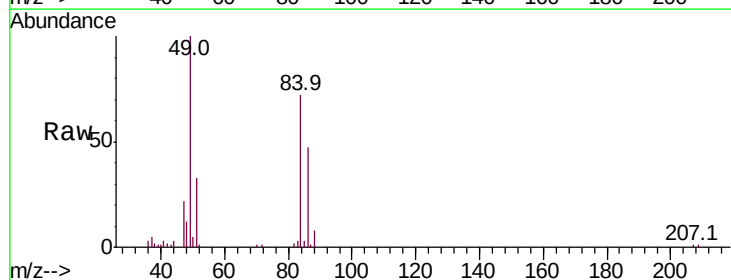
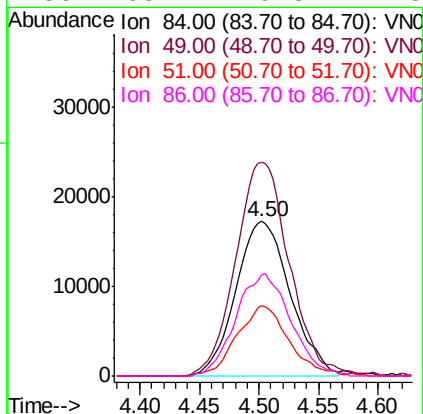
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

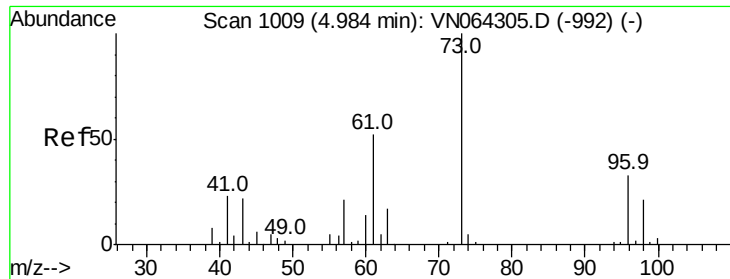
Tot Ion: 41 Resp: 88026
Ion Ratio Lower Upper
41 100
39 78.8 40.3 120.9
76 32.8 17.6 52.9



#18
Methylene Chloride
Concen: 18.203 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 84 Resp: 54843
Ion Ratio Lower Upper
84 100
49 138.5 103.1 154.7
51 44.8 33.8 50.8
86 65.7 49.8 74.8

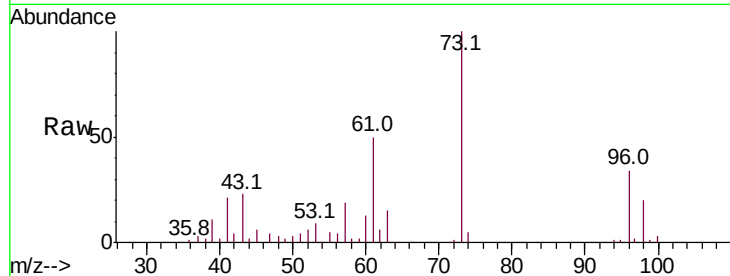




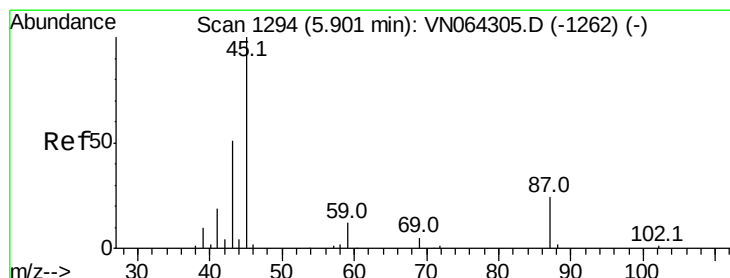
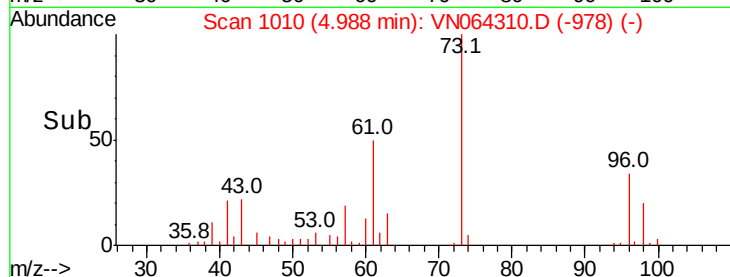
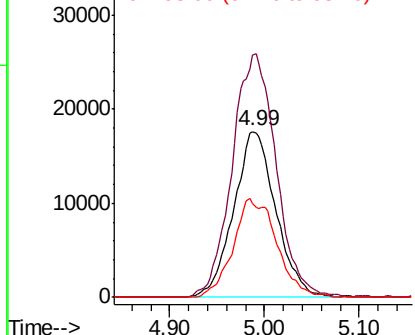
#19
trans-1,2-Dichloroethene
Concen: 18.957 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

Tot Ion: 96 Resp: 54438
Ion Ratio Lower Upper
96 100
61 145.5 126.9 190.3
98 56.9 50.6 76.0

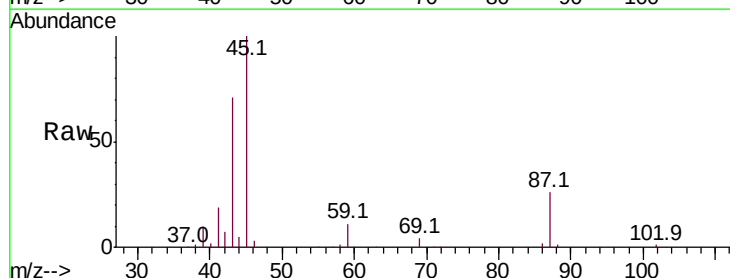


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

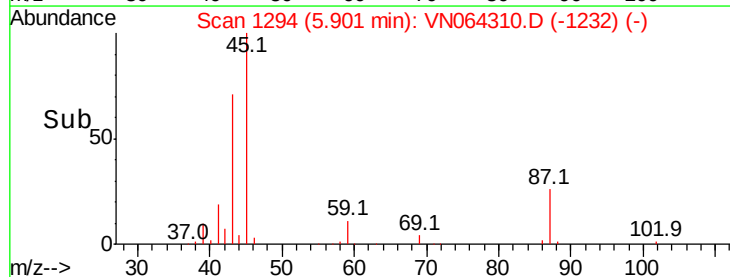
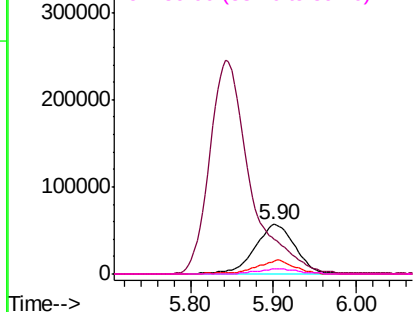


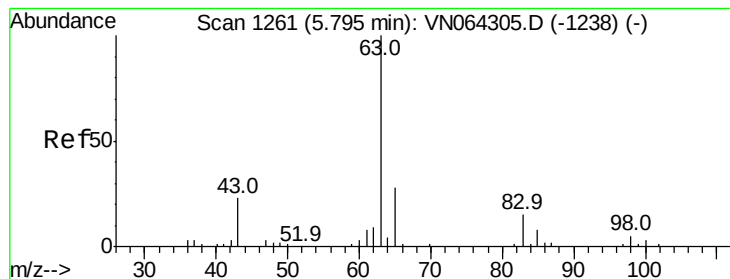
#20
Diisopropyl ether
Concen: 18.912 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 45 Resp: 192297
Ion Ratio Lower Upper
45 100
43 67.5 56.6 85.0
87 26.1 20.3 30.5
59 10.4 10.1 15.1



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#21

1,1-Dichloroethane

Concen: 19.248 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

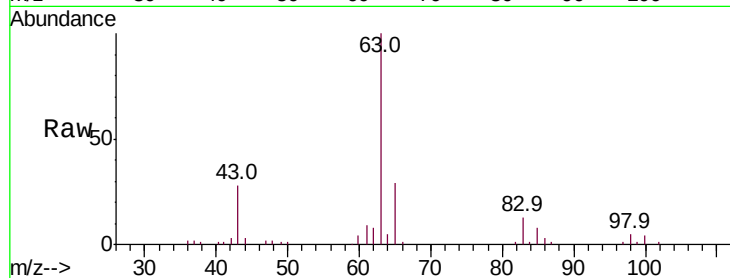
Tot Ion: 63 Resp: 109631

Ion Ratio Lower Upper

63 100

98 5.0 2.6 8.0

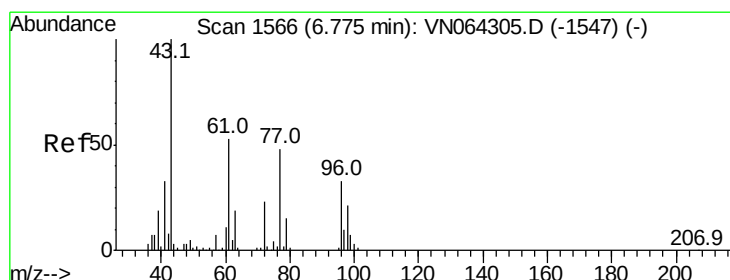
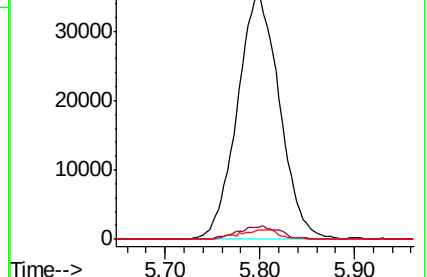
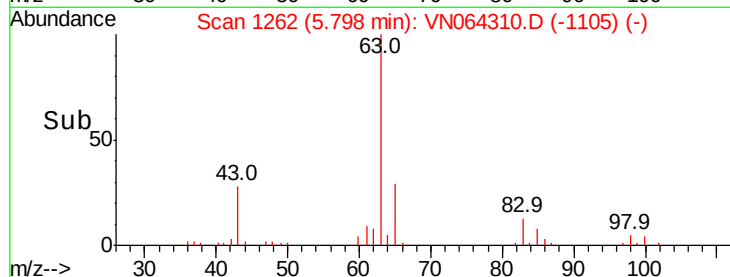
100 3.7 1.6 4.8



Abundance Ion 63.00 (62.70 to 63.70): VN064310.D (-1238) (-)

Ion 98.00 (97.70 to 98.70): VN064310.D (-1238) (-)

Ion 100.00 (99.70 to 100.70): VN064310.D (-1238) (-)



#22

cis-1,2-Dichloroethene

Concen: 19.071 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

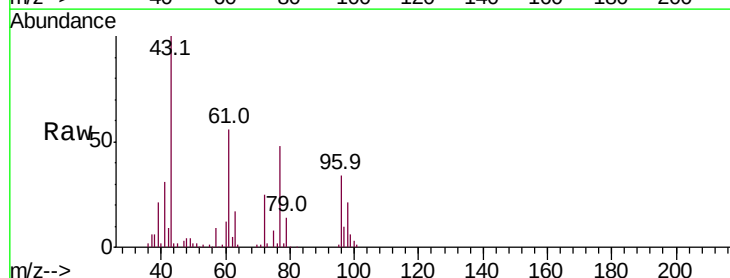
Tgt Ion: 96 Resp: 63193

Ion Ratio Lower Upper

96 100

61 162.0 133.0 199.6

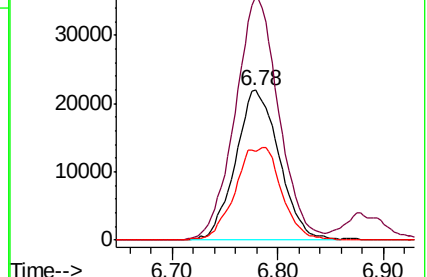
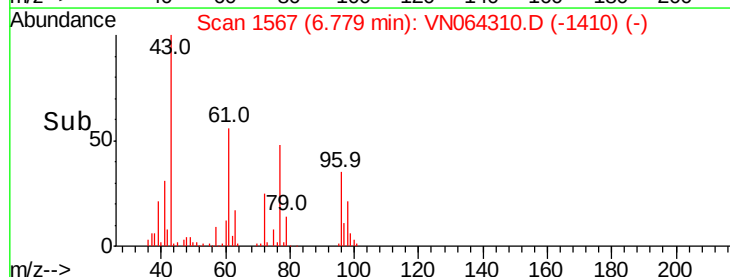
98 29.7 51.6 77.4#

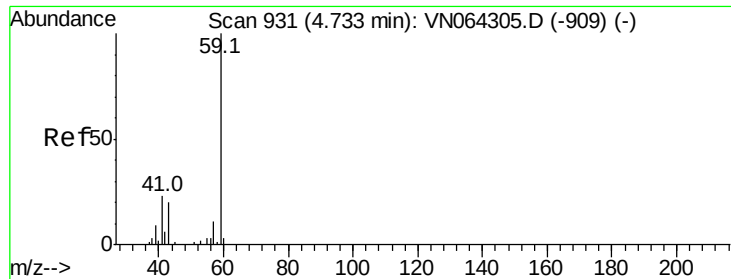


Abundance Ion 96.00 (95.70 to 96.70): VN064310.D (-1547) (-)

Ion 61.00 (60.70 to 61.70): VN064310.D (-1547) (-)

Ion 98.00 (97.70 to 98.70): VN064310.D (-1547) (-)





#23

tert-Butyl Alcohol

Concen: 98.888 ug/l

RT: 4.73 min Scan# 931

Delta R.T. 0.00 min

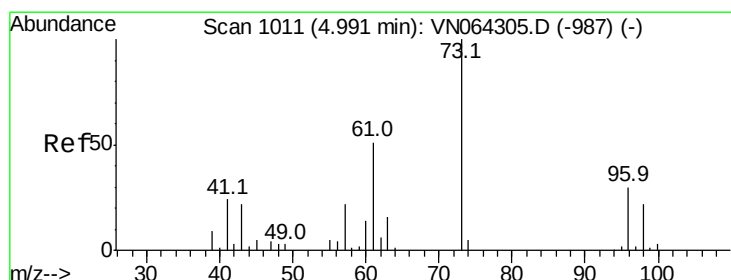
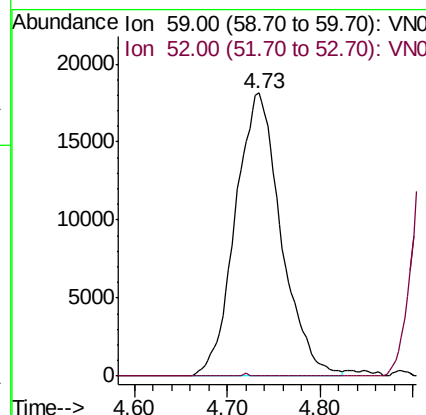
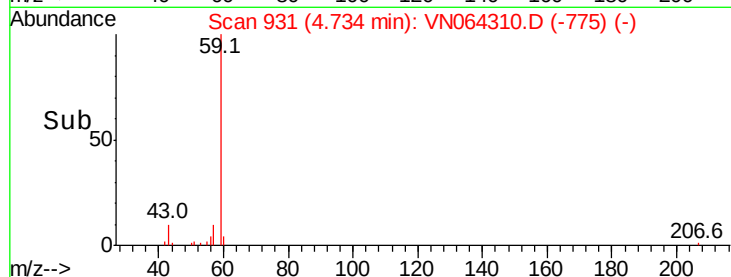
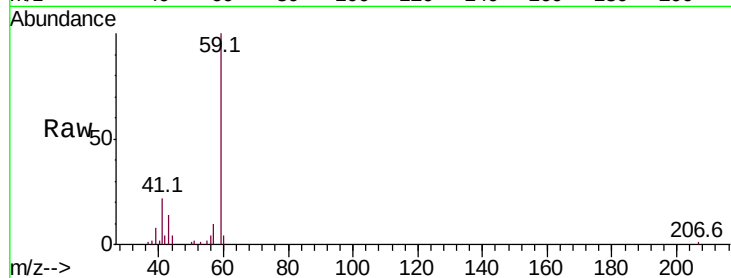
Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :
MSVOA_N
ClientSampleId :
ICVFN102620

Tot Ion: 59 Resp: 62020

Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.0	0.0#



#24

Methyl tert-Butyl Ether

Concen: 19.044 ug/l

RT: 4.99 min Scan# 1010

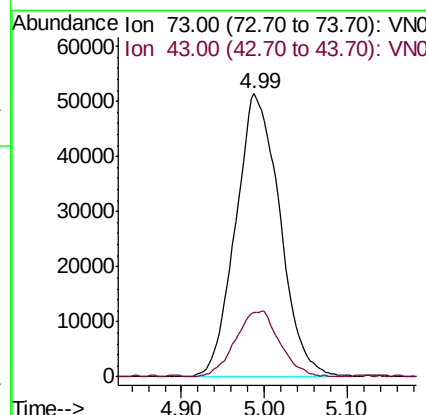
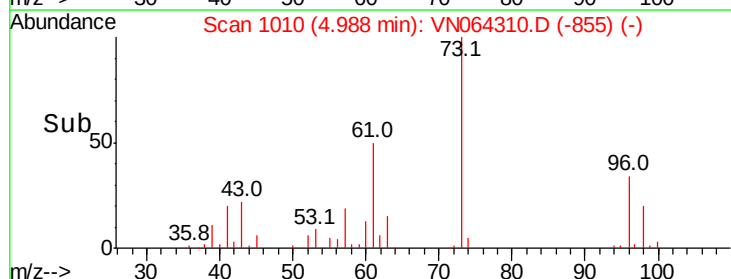
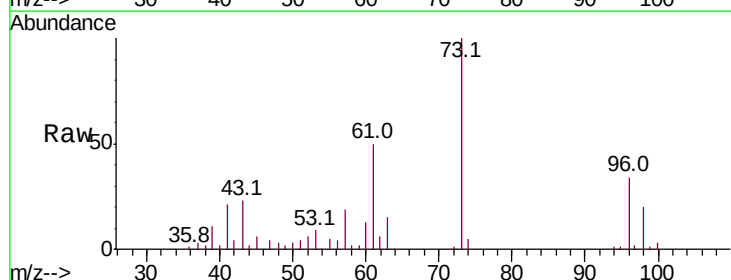
Delta R.T. -0.00 min

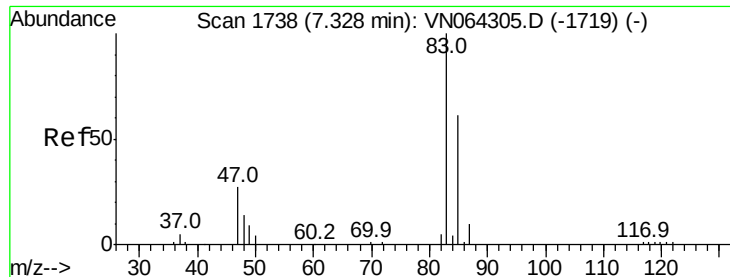
Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Tgt Ion: 73 Resp: 190330

Ion	Ratio	Lower	Upper
73	100		
43	22.7	19.4	29.2

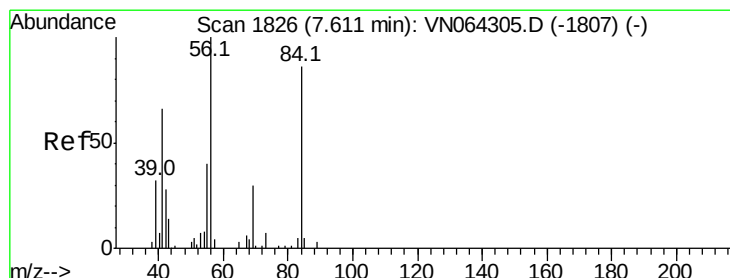
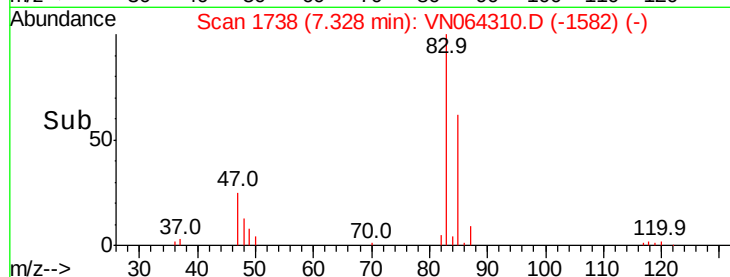
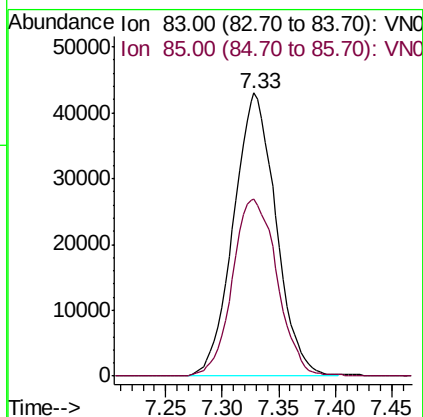
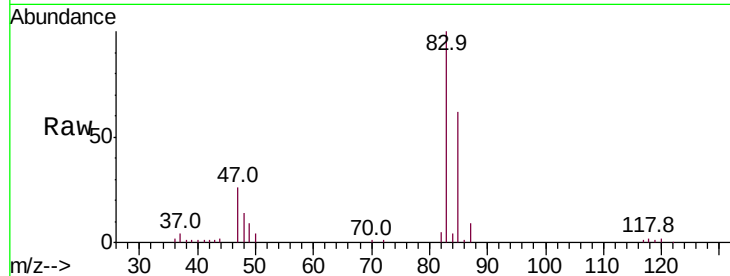




#25
Chloroform
Concen: 19.104 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

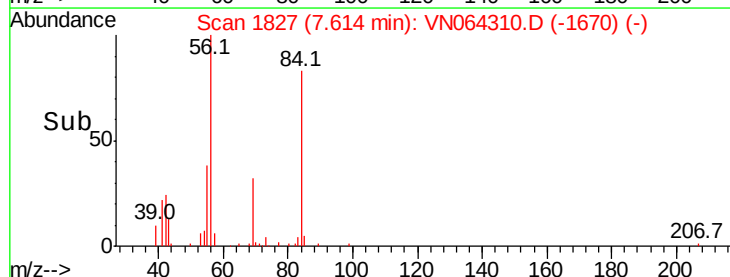
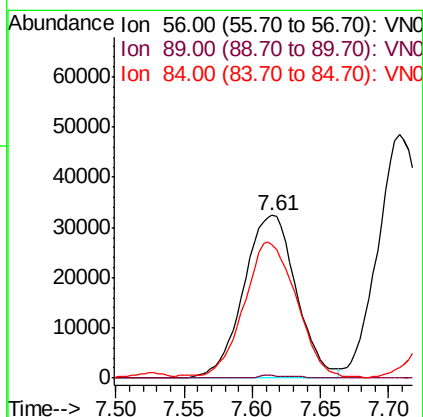
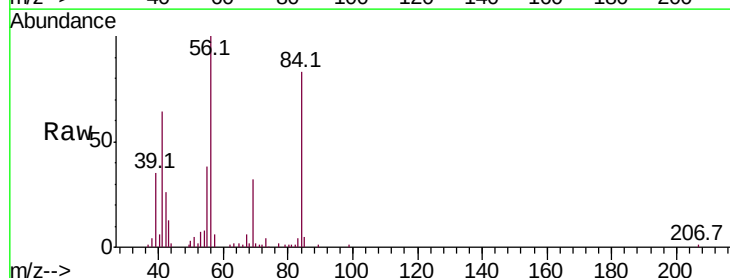
Instrument :
MSVOA_N
ClientSampleId :
ICVFN102620

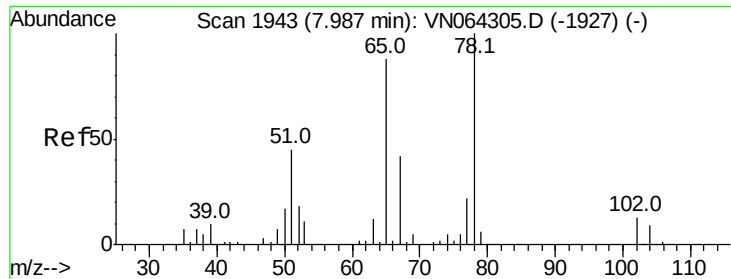
Tot Ion: 83 Resp: 112254
Ion Ratio Lower Upper
83 100
85 62.0 48.6 73.0



#26
Cyclohexane
Concen: 18.656 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 56 Resp: 87047
Ion Ratio Lower Upper
56 100
89 0.7 1.0 1.6#
84 83.5 67.5 101.3





#27

1,2-Dichloroethane-d4

Concen: 31.113 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

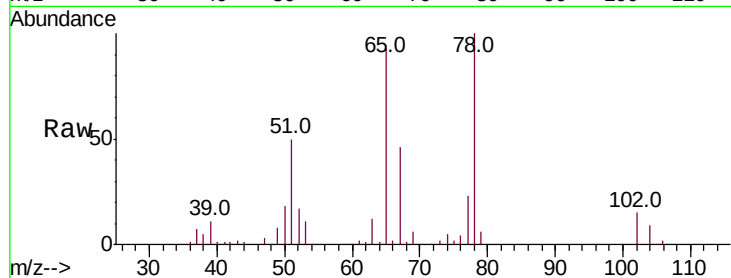
ICVFN102620

Tot Ion: 65 Resp: 131806

Ion Ratio Lower Upper

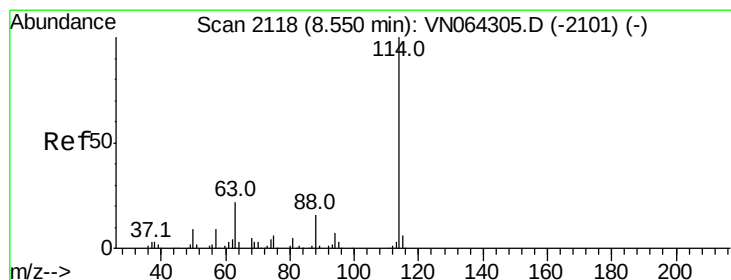
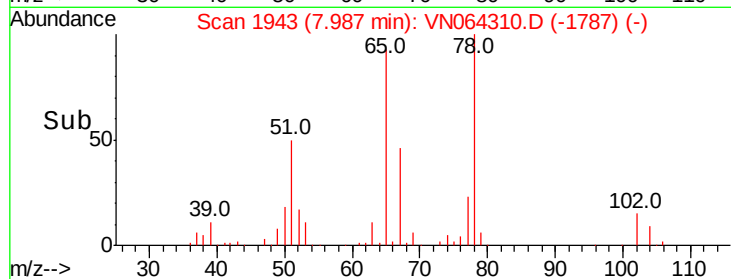
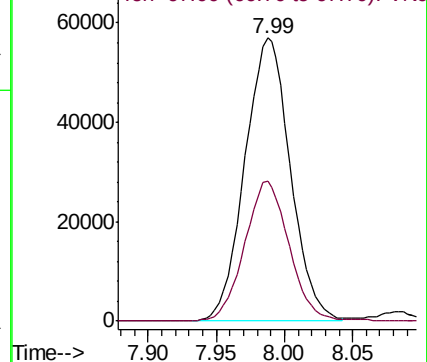
65 100

67 48.2 38.5 57.7



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

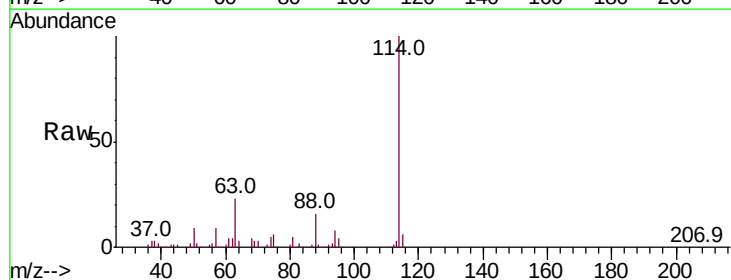
Tgt Ion: 114 Resp: 263776

Ion Ratio Lower Upper

114 100

63 22.7 18.3 27.5

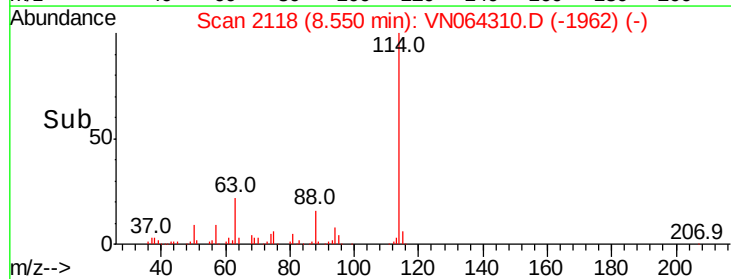
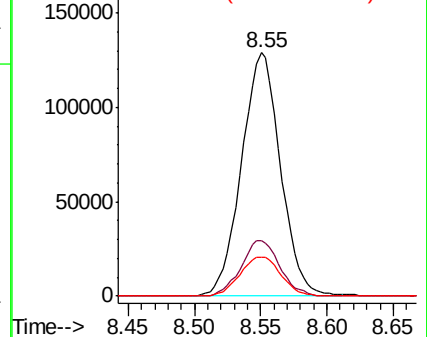
88 16.9 13.2 19.8

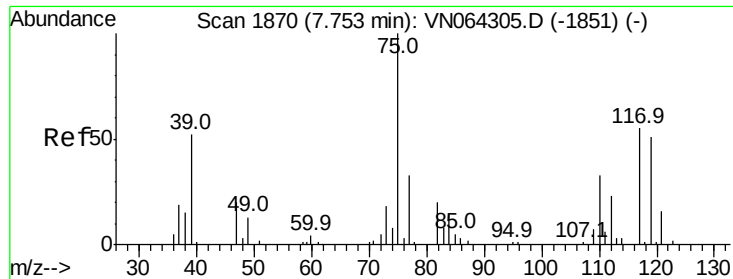


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

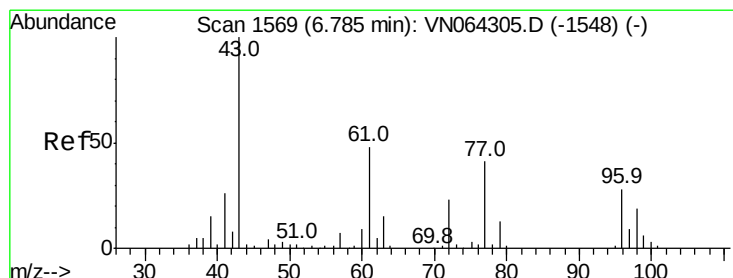
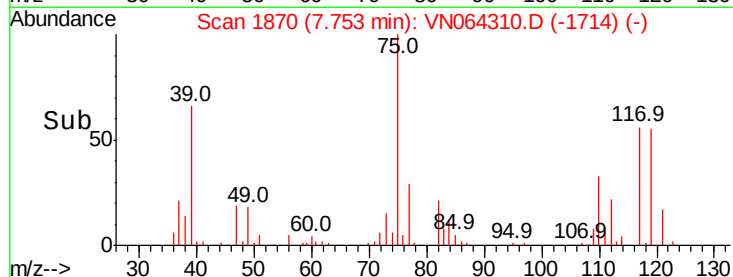
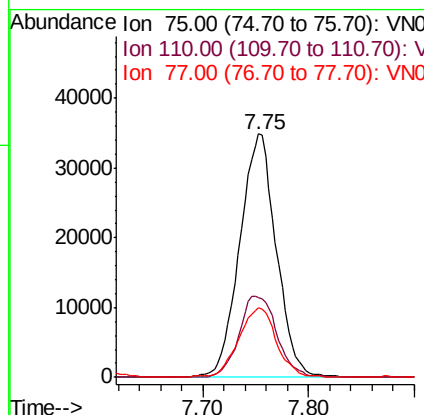
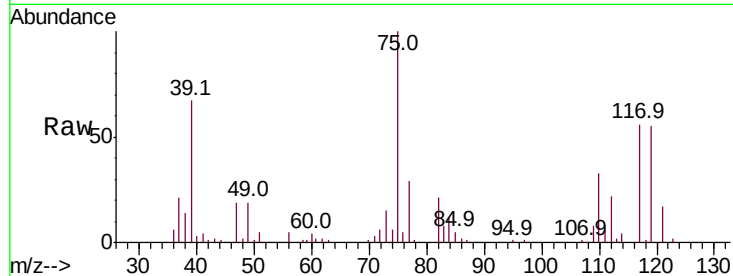




#29
 1,1-Dichloropropene
 Concen: 18.477 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

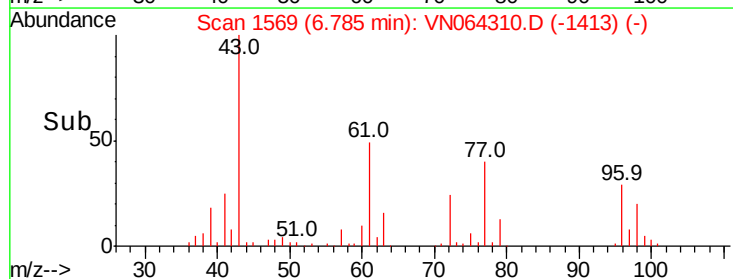
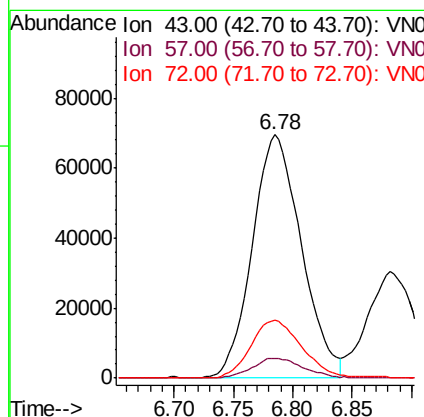
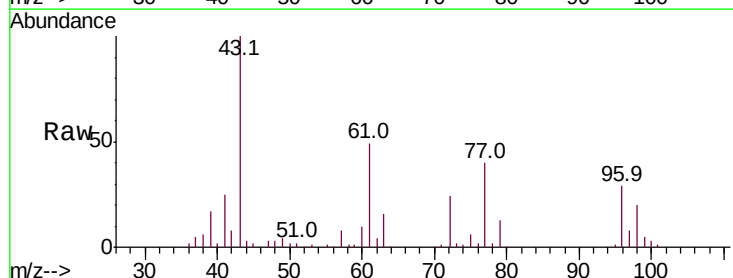
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

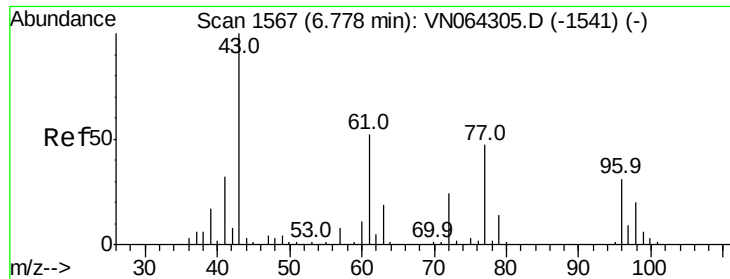
Tot Ion	Ratio	Lower	Upper
75	100		
110	34.4	0.0	64.4
77	28.2	0.0	63.6



#30
 2-Butanone
 Concen: 92.880 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion	Ratio	Lower	Upper
43	100		
57	4.0	4.1	6.1#
72	24.7	19.0	28.6

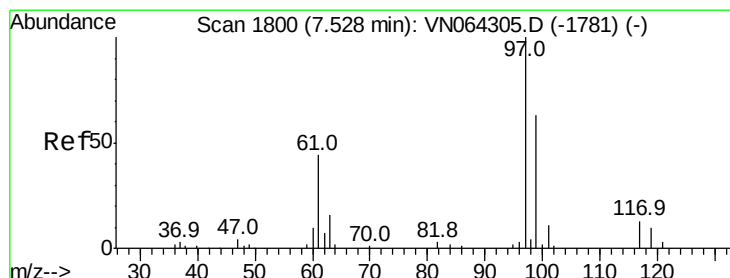
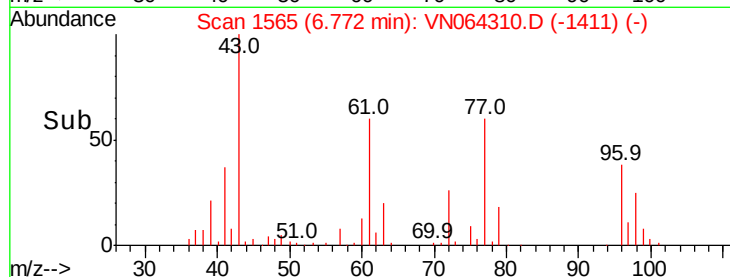
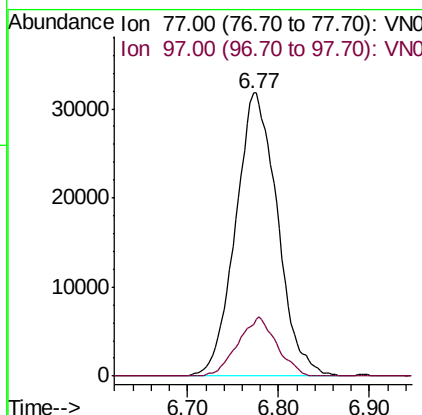
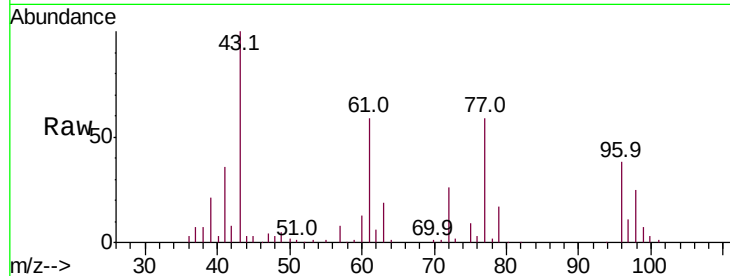




#31
 2,2-Dichloropropane
 Concen: 18.619 ug/l
 RT: 6.77 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

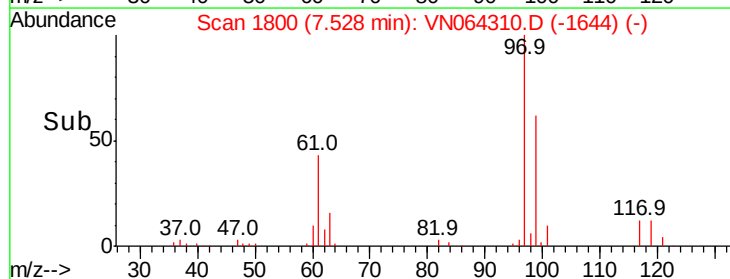
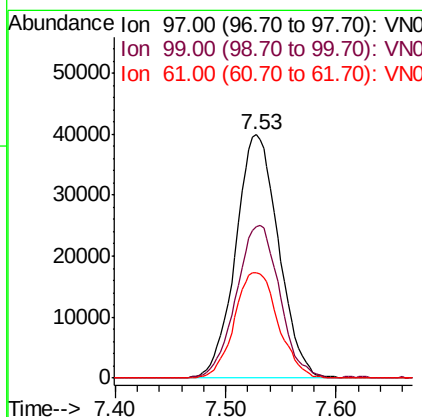
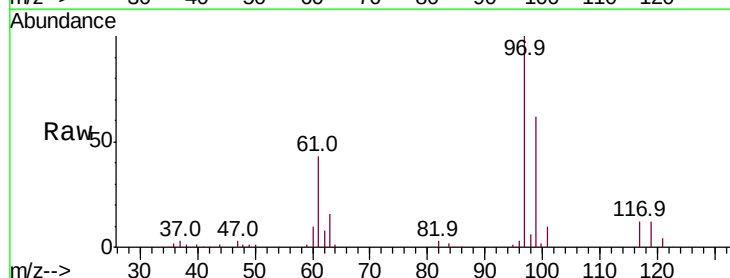
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

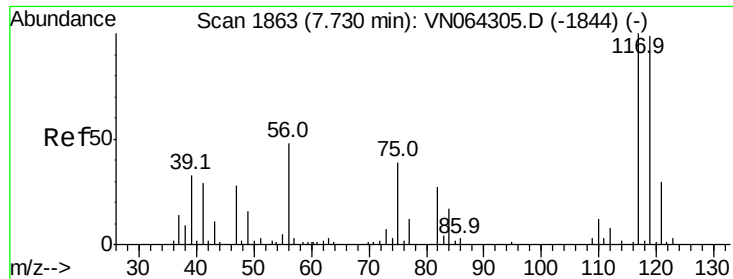
Tot Ion: 77 Resp: 101565
 Ion Ratio Lower Upper
 77 100
 97 19.3 5.8 8.8#



#32
 1,1,1-Trichloroethane
 Concen: 18.922 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion: 97 Resp: 107558
 Ion Ratio Lower Upper
 97 100
 99 63.5 51.6 77.4
 61 44.1 36.4 54.6

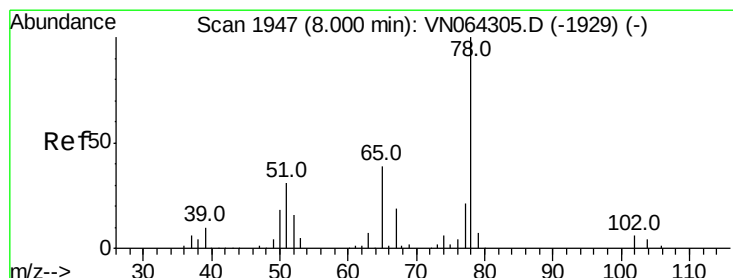
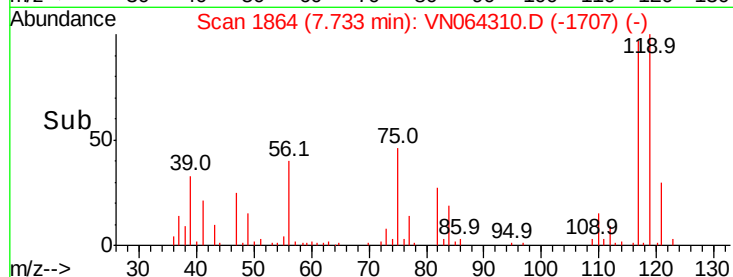
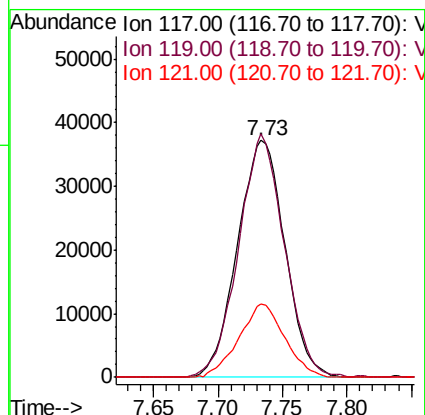
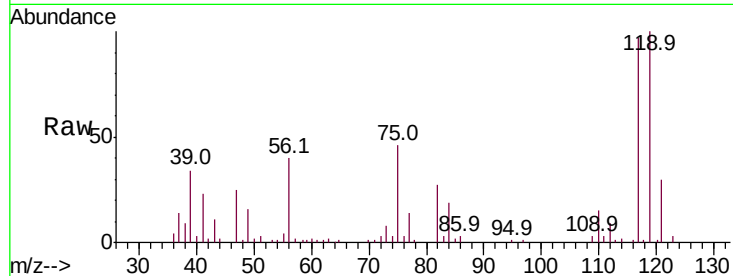




#33
Carbon Tetrachloride
Concen: 18.301 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

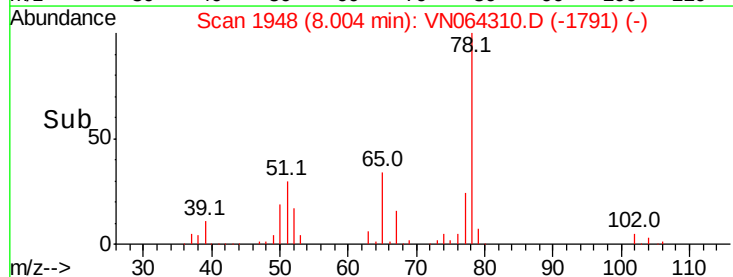
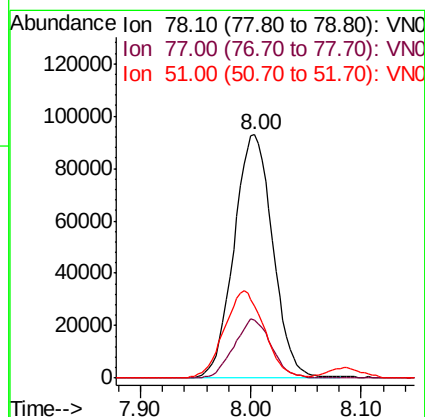
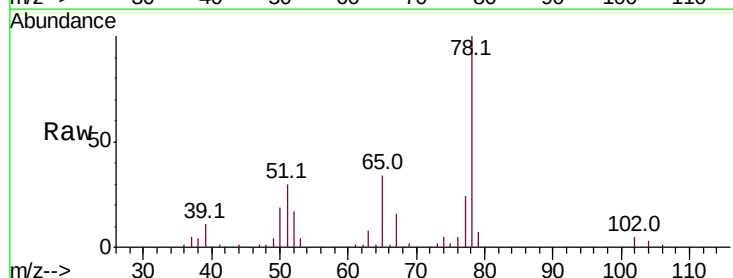
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

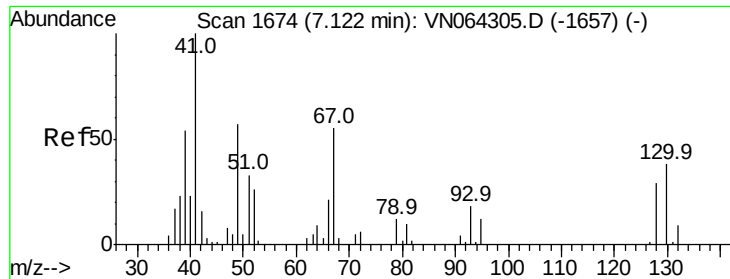
Tot Ion:117 Resp: 95187
Ion Ratio Lower Upper
117 100
119 102.2 79.3 118.9
121 31.2 24.6 37.0



#34
Benzene
Concen: 18.609 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 78 Resp: 226784
Ion Ratio Lower Upper
78 100
77 23.7 16.5 24.7
51 29.1 24.5 36.7

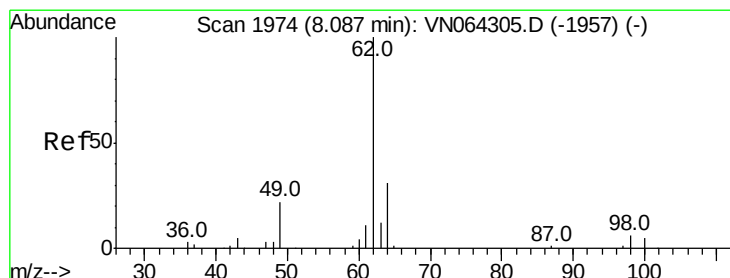
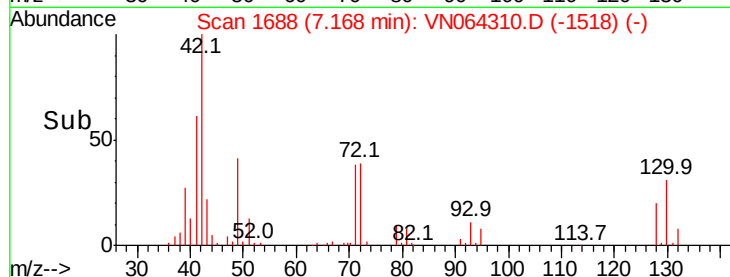
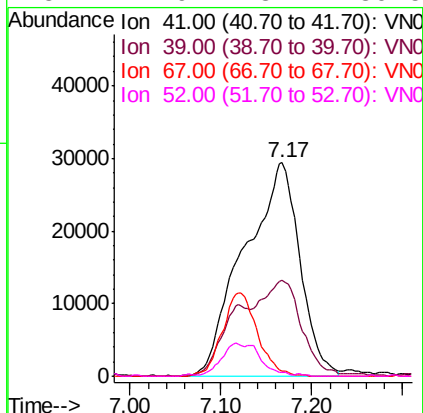
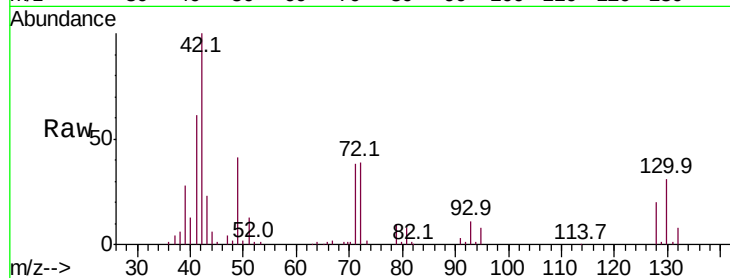




#35
Methacrylonitrile
Concen: 55.799 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.05 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

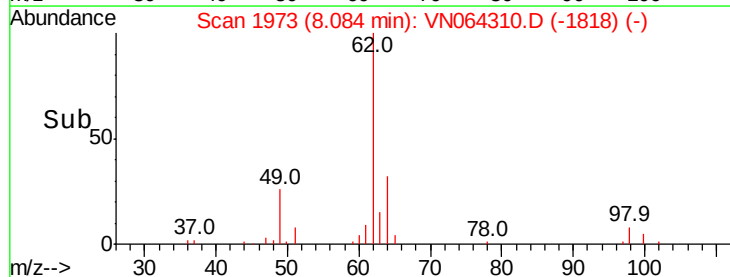
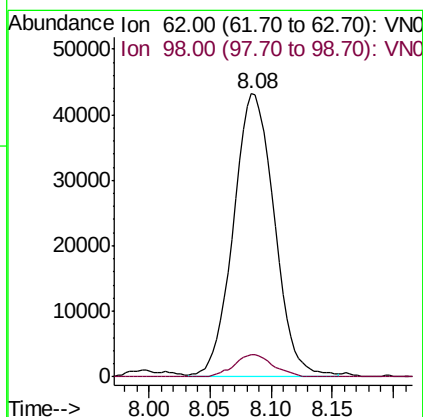
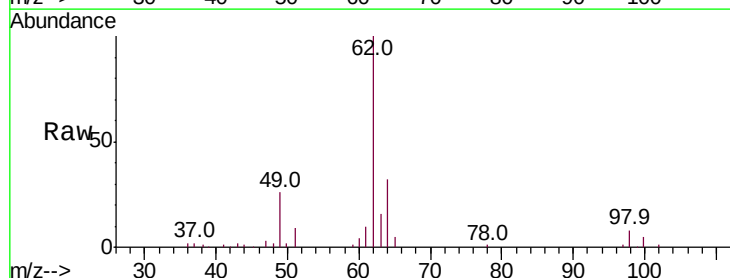
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

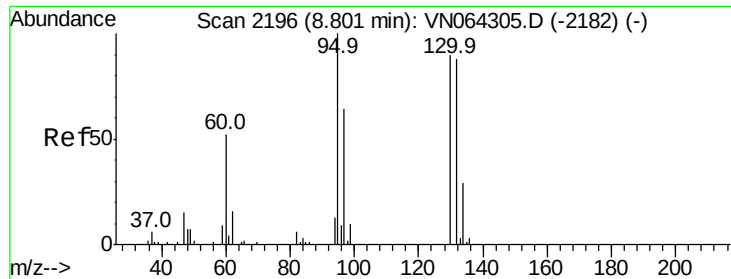
Tot Ion: 41 Resp: 124684
Ion Ratio Lower Upper
41 100
39 44.1 27.1 81.2
67 2.7 27.7 83.1#
52 1.9 13.2 39.5#



#36
1,2-Dichloroethane
Concen: 18.622 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 62 Resp: 100805
Ion Ratio Lower Upper
62 100
98 7.5 3.4 5.0#





#37

Trichloroethene

Concen: 18.740 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

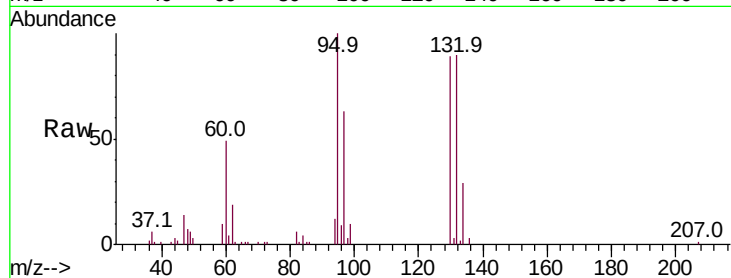
ICVFN102620

Tot Ion:130 Resp: 62293

Ion Ratio Lower Upper

130 100

95 112.4 88.8 133.2



Abundance Ion 129.90 (129.60 to 130.60): VN064310.D (-2182) (-)

Ion 94.90 (94.60 to 95.60): VN064310.D (-2182) (-)

8.80

30000

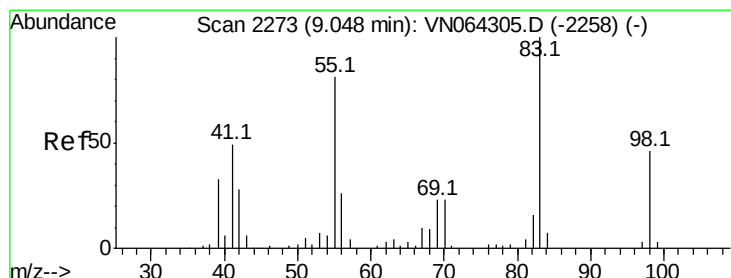
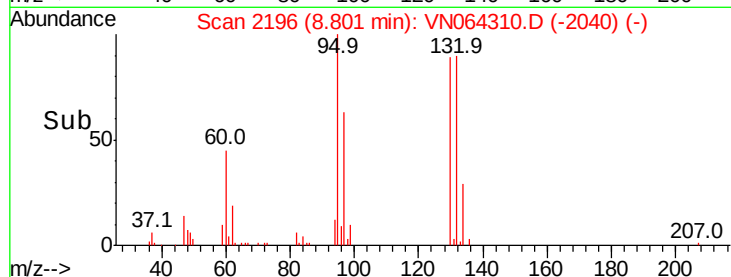
20000

10000

0

8.75 8.80 8.85

Time-->



#38

Methylcyclohexane

Concen: 18.392 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. -0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

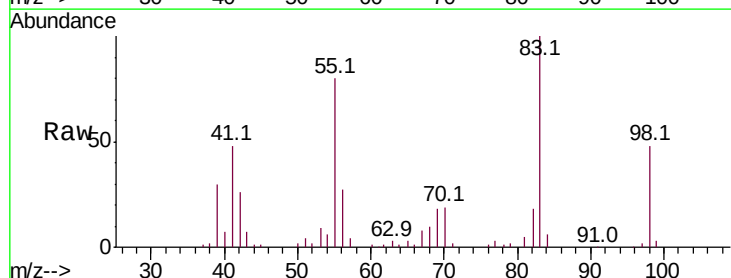
Tgt Ion: 83 Resp: 80705

Ion Ratio Lower Upper

83 100

55 79.4 40.3 120.8

98 47.3 22.8 68.3



Abundance Ion 83.00 (82.70 to 83.70): VN064310.D (-2258) (-)

Ion 55.00 (54.70 to 55.70): VN064310.D (-2258) (-)

Ion 98.00 (97.70 to 98.70): VN064310.D (-2258) (-)

9.05

50000

40000

30000

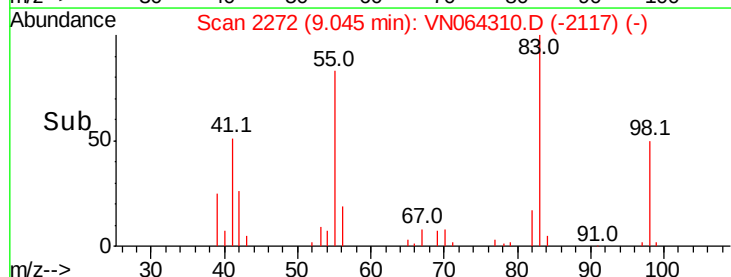
20000

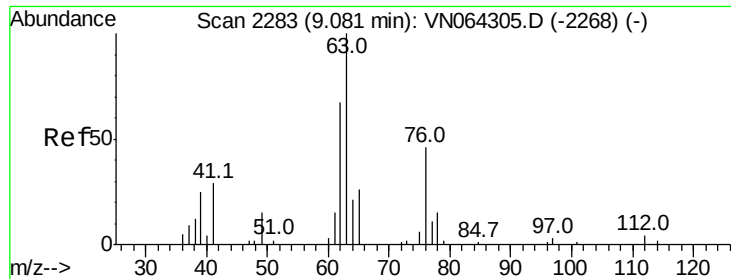
10000

0

9.00 9.05 9.10

Time-->





#39

1,2-Dichloropropane

Concen: 18.573 ug/l

RT: 9.08 min Scan# 2284

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

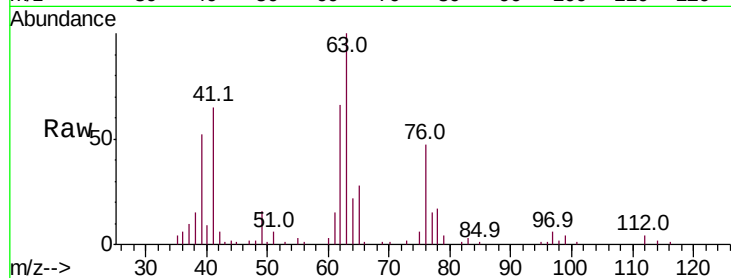
ICVFN102620

Tot Ion: 63 Resp: 61106

Ion Ratio Lower Upper

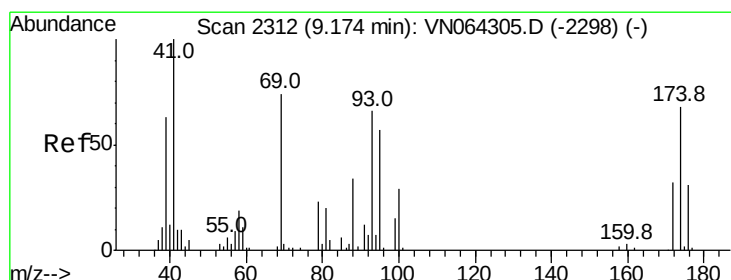
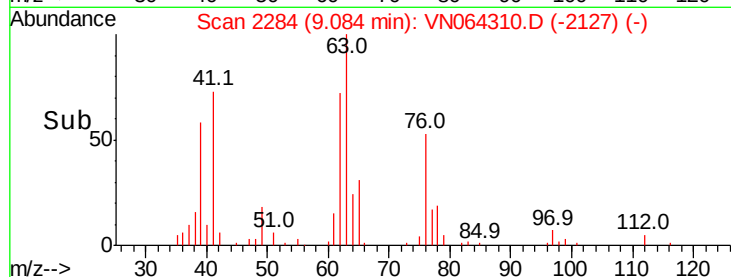
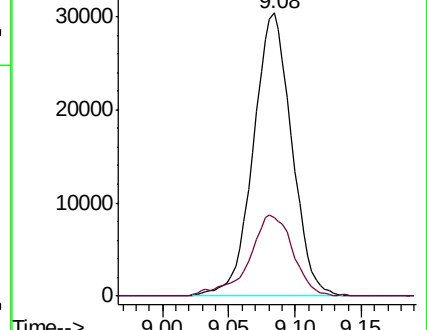
63 100

65 27.1 22.6 33.8



Abundance Ion 63.00 (62.70 to 63.70): VN064310.D (-2127) (-)

Ion 65.00 (64.70 to 65.70): VN064310.D (-2127) (-)



#40

Dibromomethane

Concen: 19.466 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

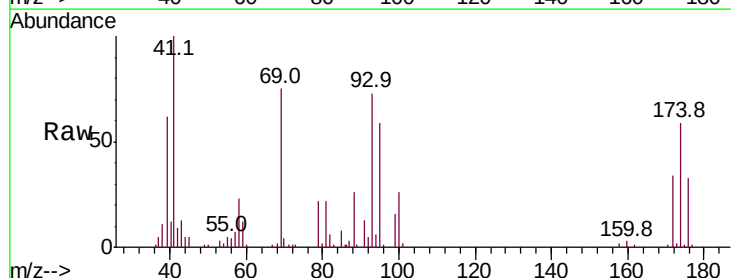
Tgt Ion: 93 Resp: 44453

Ion Ratio Lower Upper

93 100

95 82.2 0.0 174.4

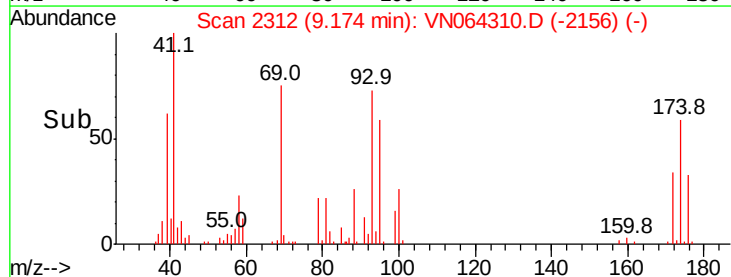
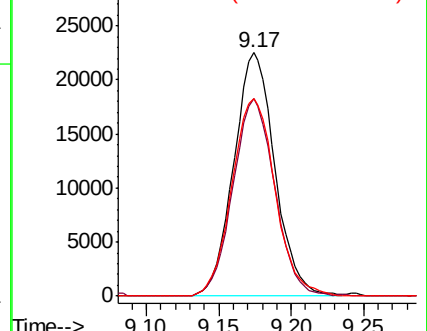
174 85.4 0.0 188.0

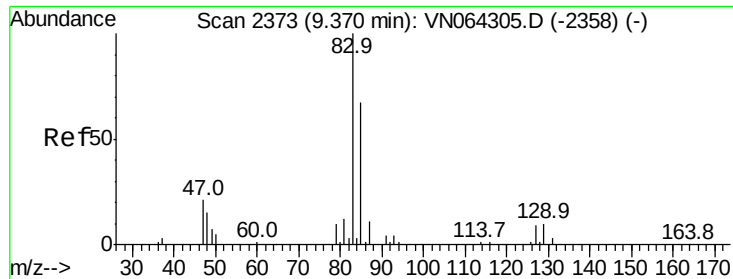


Abundance Ion 93.00 (92.70 to 93.70): VN064310.D (-2156) (-)

Ion 95.00 (94.70 to 95.70): VN064310.D (-2156) (-)

Ion 174.00 (173.70 to 174.70): VN064310.D (-2156) (-)





#41

Bromodichloromethane

Concen: 18.272 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

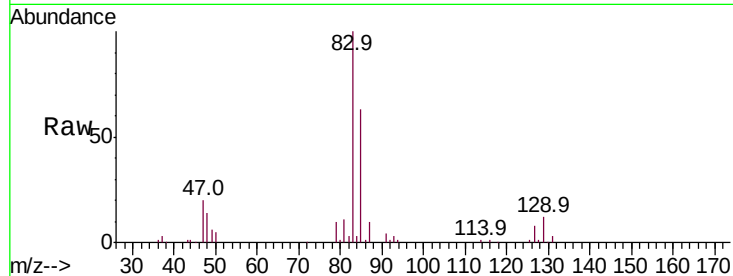
Tot Ion: 83 Resp: 90119

Ion Ratio Lower Upper

83 100

85 63.5 53.4 80.0

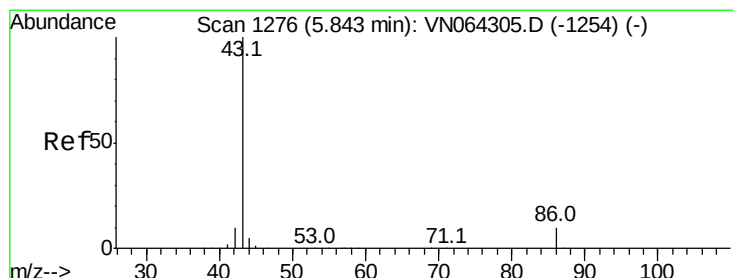
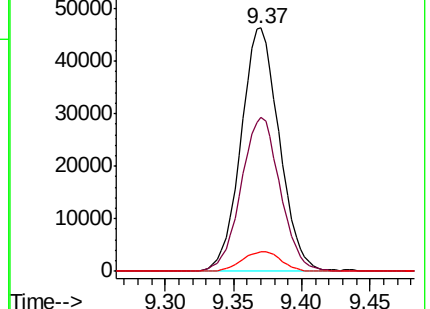
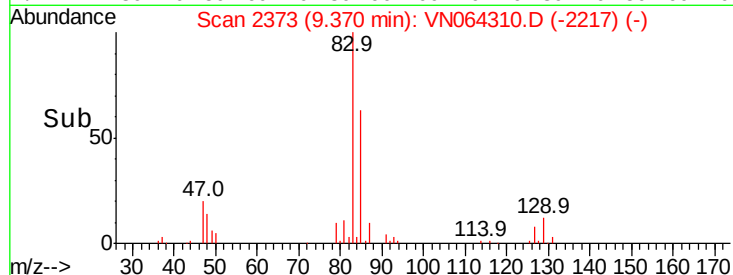
127 9.3 7.0 10.4



Abundance Ion 83.00 (82.70 to 83.70): VN064310.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064310.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064310.D (-2217) (-)



#42

Vinyl Acetate

Concen: 91.048 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064310.D

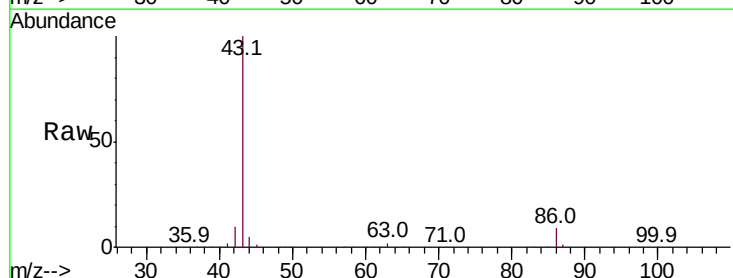
Acq: 26 Oct 2020 18:17

Tgt Ion: 43 Resp: 832483

Ion Ratio Lower Upper

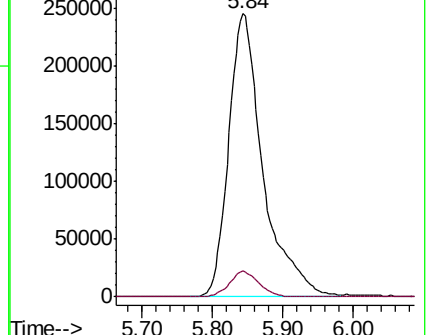
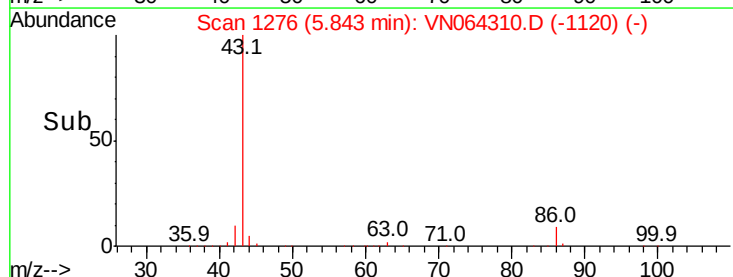
43 100

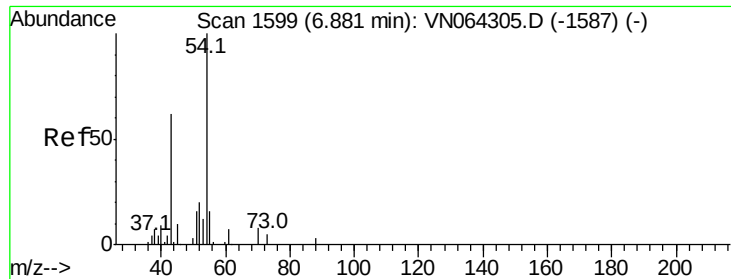
86 7.8 6.6 9.8



Abundance Ion 43.00 (42.70 to 43.70): VN064310.D (-1120) (-)

Ion 86.00 (85.70 to 86.70): VN064310.D (-1120) (-)





#43

Ethyl Acetate

Concen: 18.799 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

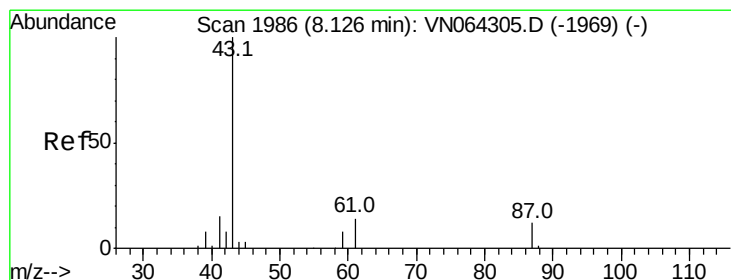
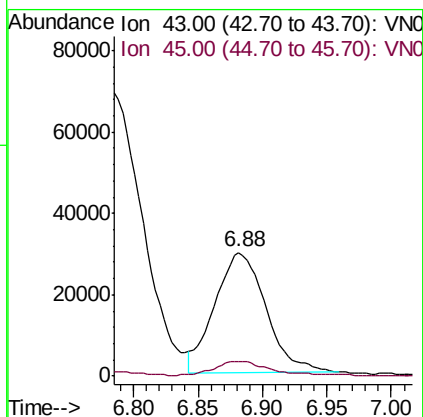
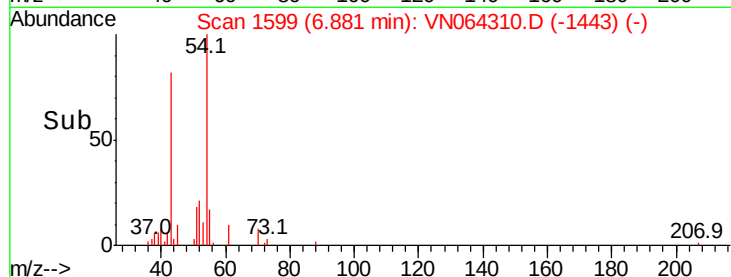
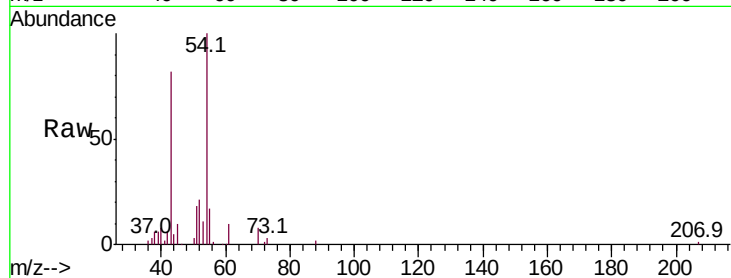
ICVFN102620

Tot Ion: 43 Resp: 81992

Ion Ratio Lower Upper

43 100

45 11.2 4.0 6.0#



#44

Isopropyl Acetate

Concen: 0.668 ug/l

RT: 7.97 min Scan# 1939

Delta R.T. -0.15 min

Lab File: VN064310.D

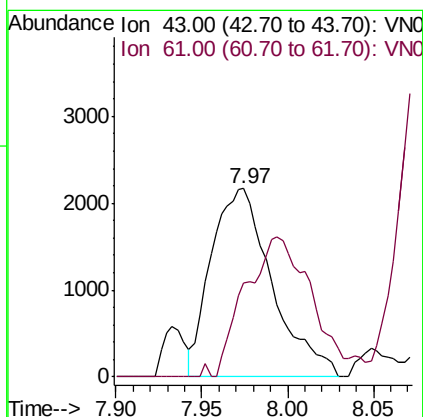
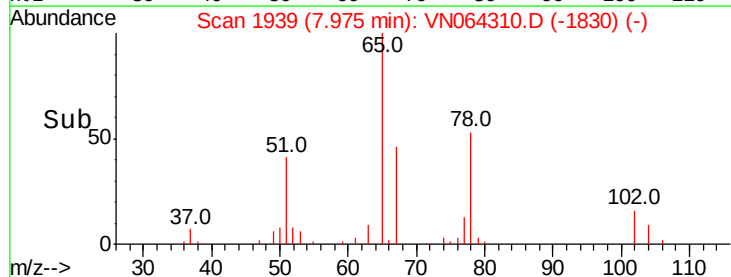
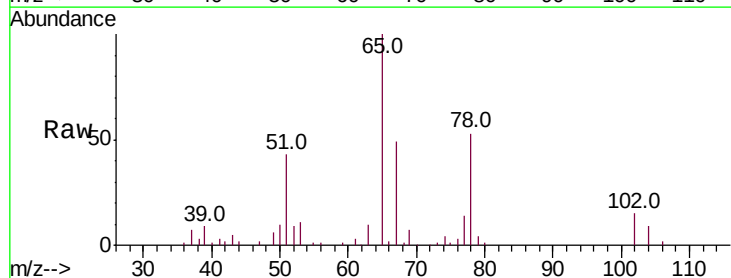
Acq: 26 Oct 2020 18:17

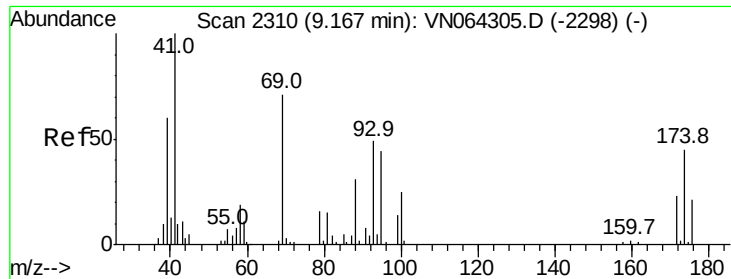
Tgt Ion: 43 Resp: 5354

Ion Ratio Lower Upper

43 100

61 20.1 14.3 21.5





#45

1,4-Dioxane

Concen: 354.681 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

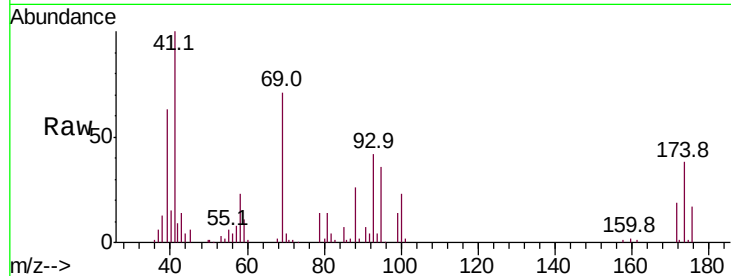
Tot Ion: 88 Resp: 21921

Ion Ratio Lower Upper

88 100

43 42.1 31.2 46.8

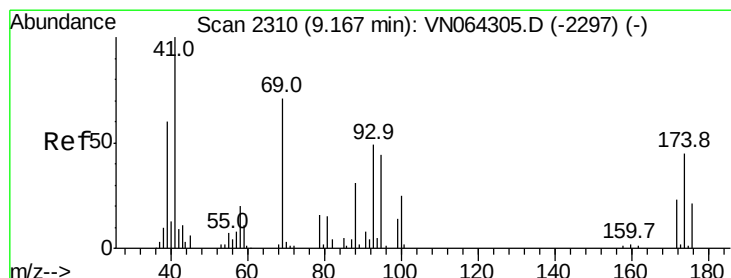
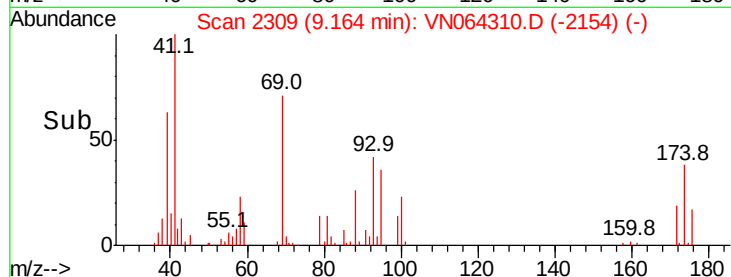
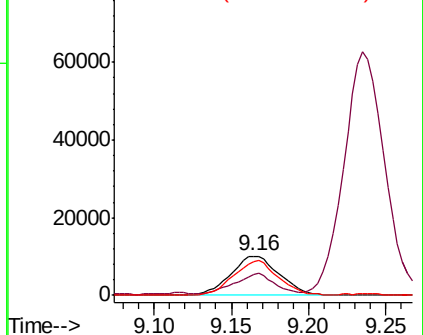
58 81.6 55.4 83.2



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: 19.193 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

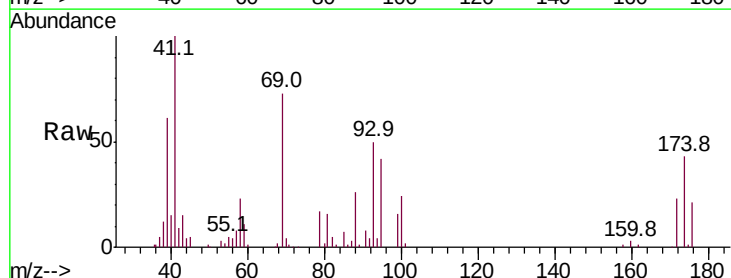
Tgt Ion: 41 Resp: 75055

Ion Ratio Lower Upper

41 100

69 74.4 35.3 105.9

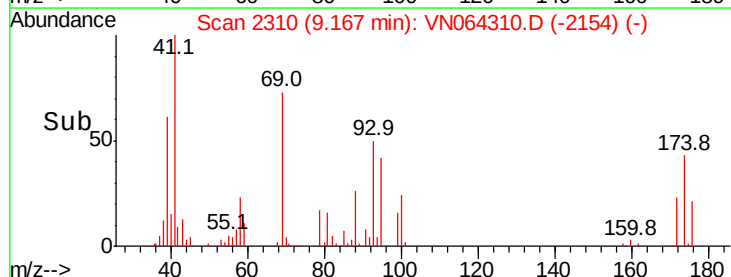
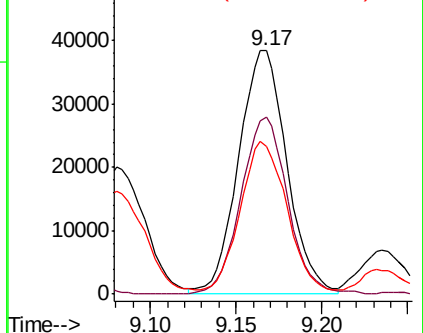
39 60.4 30.2 90.6

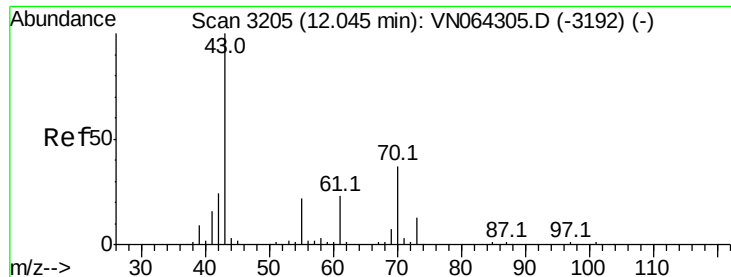


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#47

n-amvl Acetate

Concen: 17.665 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

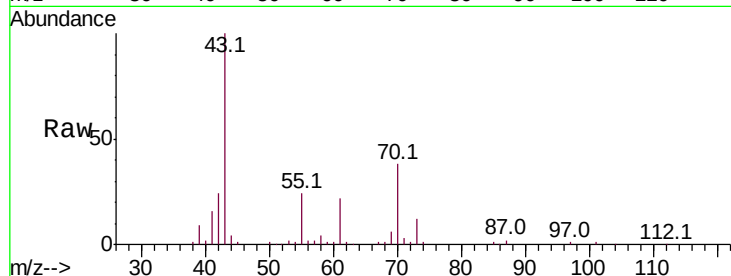
ICVFN102620

Tot Ion: 43 Resp: 119184

Ion Ratio Lower Upper

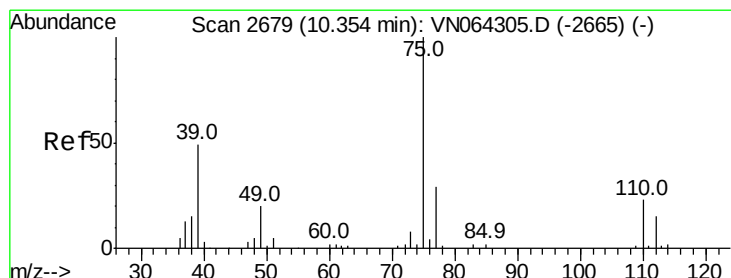
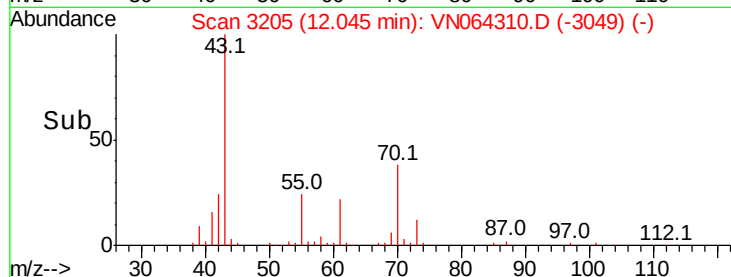
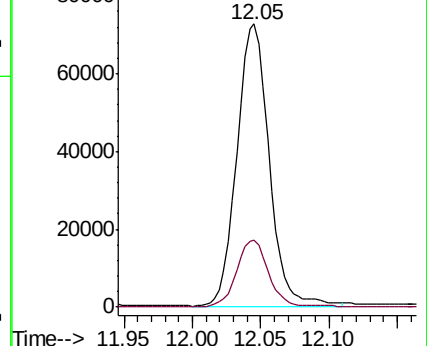
43 100

55 23.5 17.3 25.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#48

t-1,3-Dichloropropene

Concen: 18.182 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064310.D

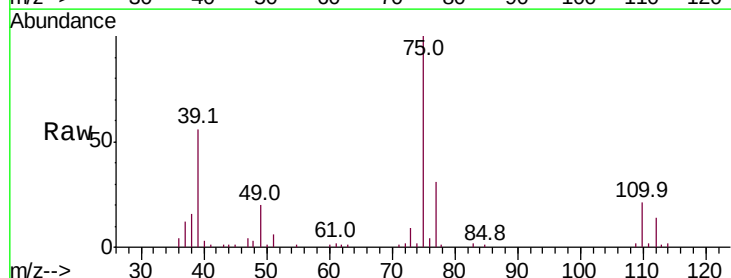
Acq: 26 Oct 2020 18:17

Tgt Ion: 75 Resp: 101147

Ion Ratio Lower Upper

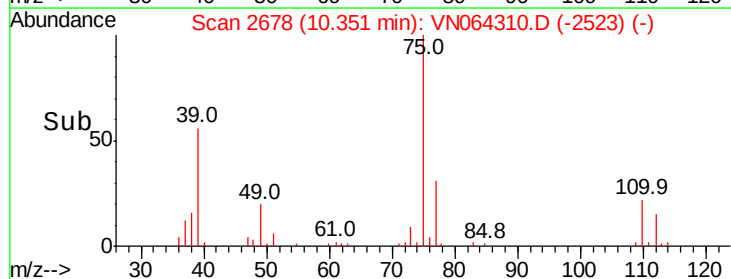
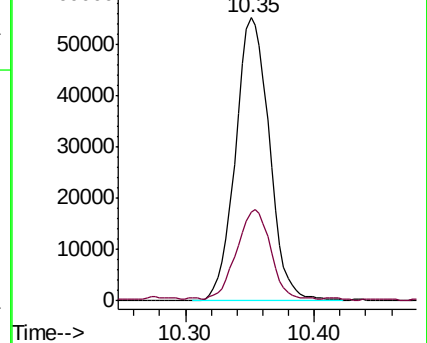
75 100

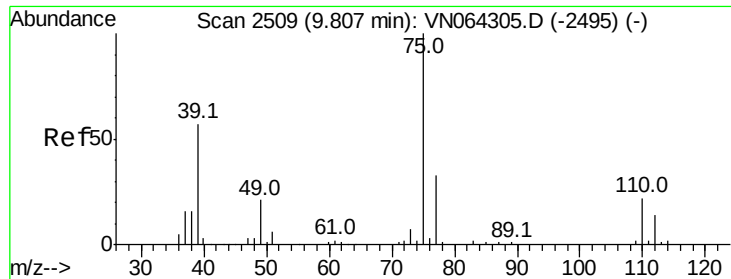
77 30.7 23.7 35.5



Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 77.00 (76.70 to 77.70): VN0



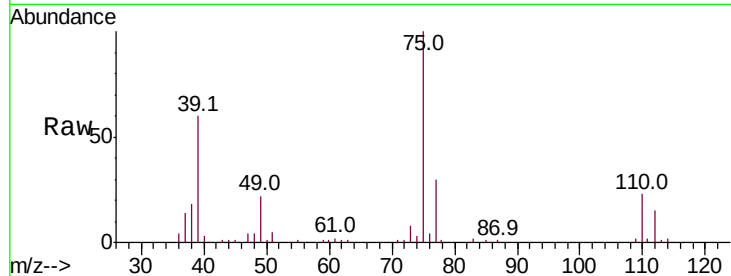


#49

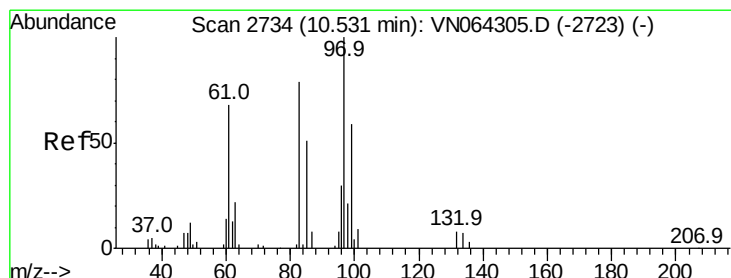
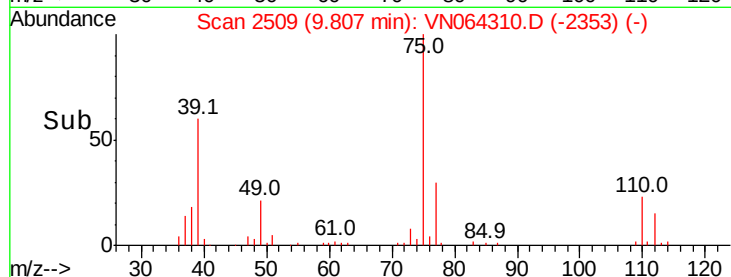
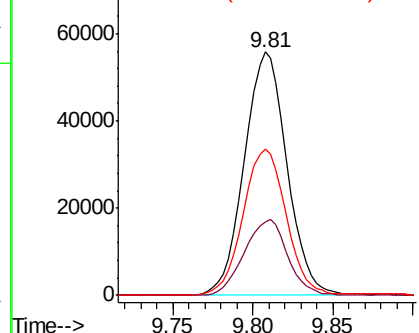
cis-1,3-Dichloropropene
 Concen: 17.931 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	26.7	40.1
39	59.7	45.9	68.9



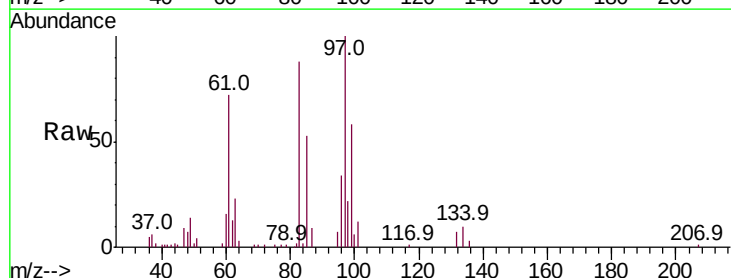
Abundance Ion 75.00 (74.70 to 75.70): VNO
 Ion 77.00 (76.70 to 77.70): VNO
 Ion 39.00 (38.70 to 39.70): VNO



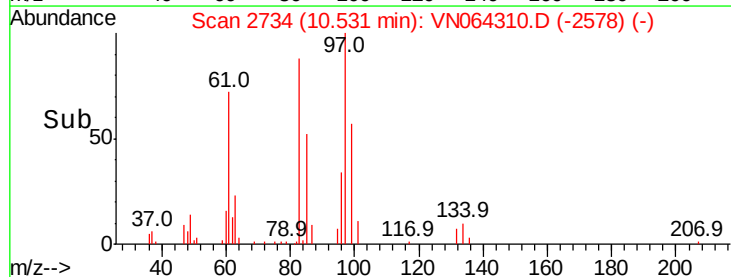
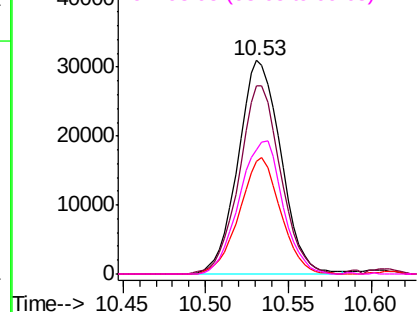
#50

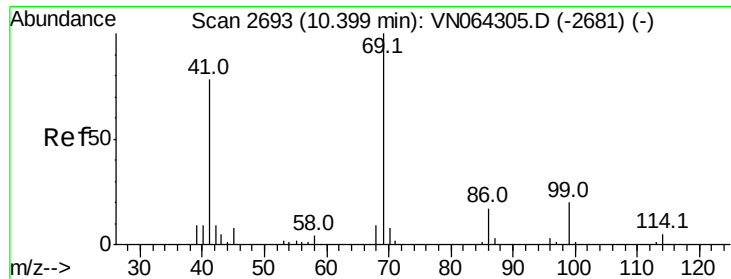
1,1,2-Trichloroethane
 Concen: 18.163 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	63.2	94.8
85	53.0	41.0	61.6
99	58.3	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: 17.859 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

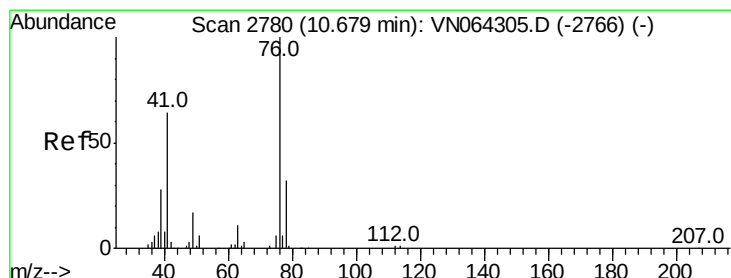
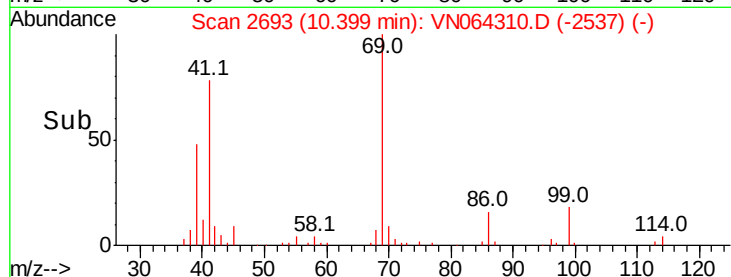
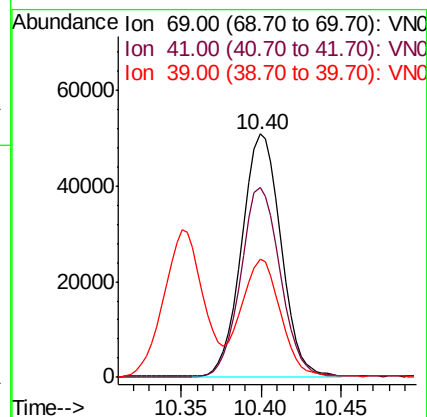
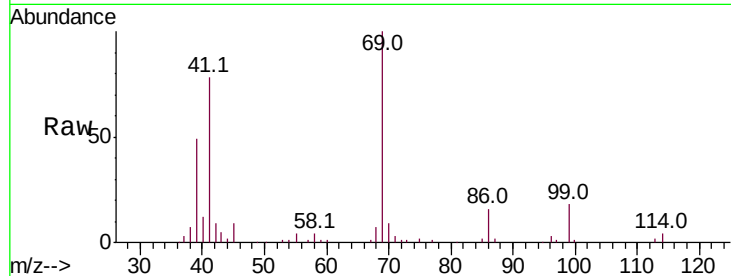
Tot Ion: 69 Resp: 85494

Ion Ratio Lower Upper

69 100

41 77.7 38.8 116.4

39 47.7 24.6 74.0



#52

1,3-Dichloropropane

Concen: 18.570 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064310.D

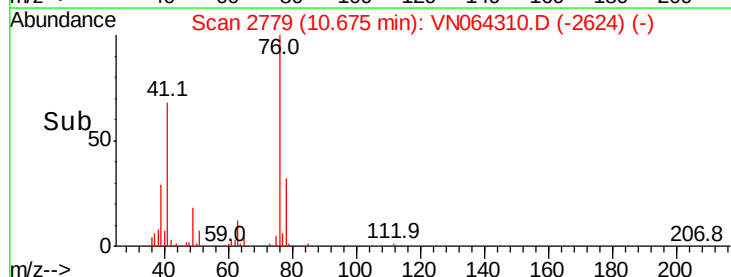
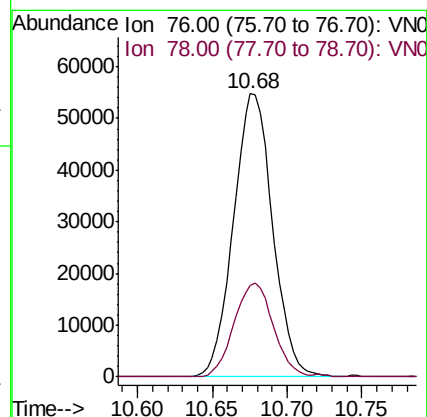
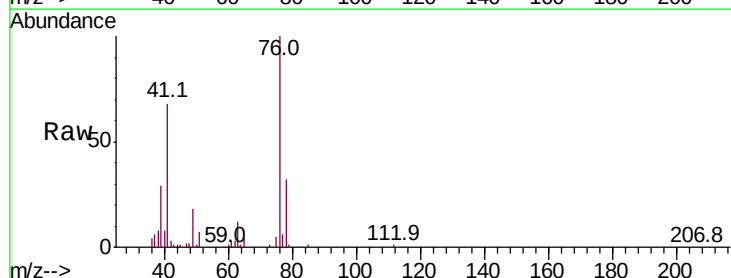
Acq: 26 Oct 2020 18:17

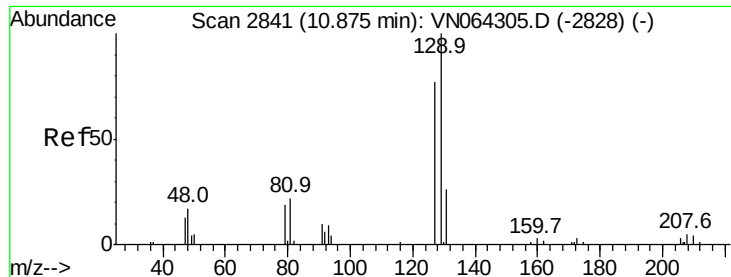
Tgt Ion: 76 Resp: 99975

Ion Ratio Lower Upper

76 100

78 32.9 0.0 61.6





#53

Dibromochloromethane

Concen: 18.110 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

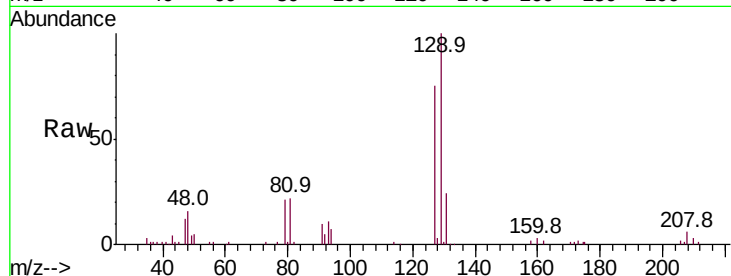
ICVNN102620

Tot Ion:129 Resp: 67812

Ion Ratio Lower Upper

129 100

127 76.4 38.9 116.7



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

40000

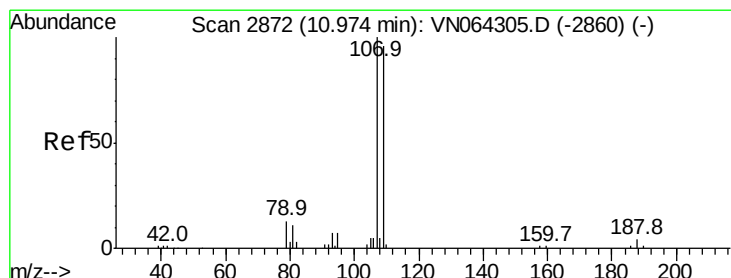
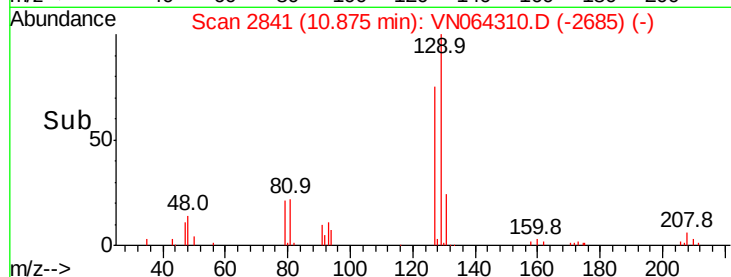
30000

20000

10000

0

Time--> 10.80 10.85 10.90 10.95



#54

1,2-Dibromoethane

Concen: 18.480 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064310.D

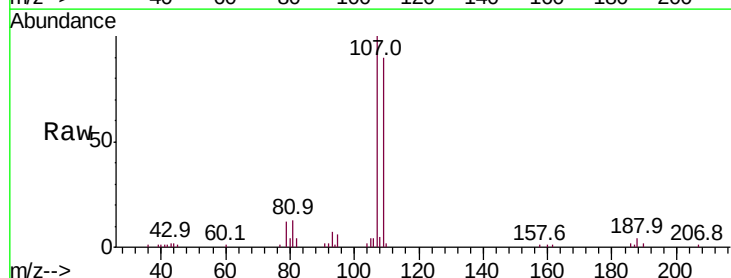
Acq: 26 Oct 2020 18:17

Tgt Ion:107 Resp: 60524

Ion Ratio Lower Upper

107 100

109 90.5 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

10.98

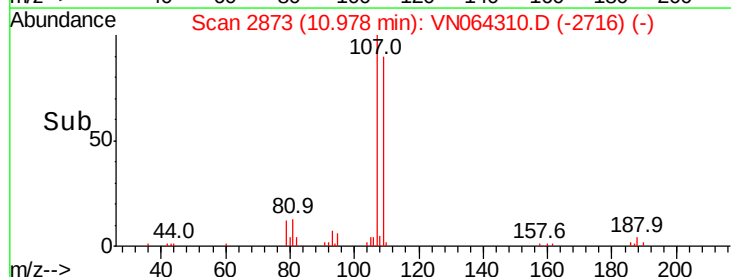
30000

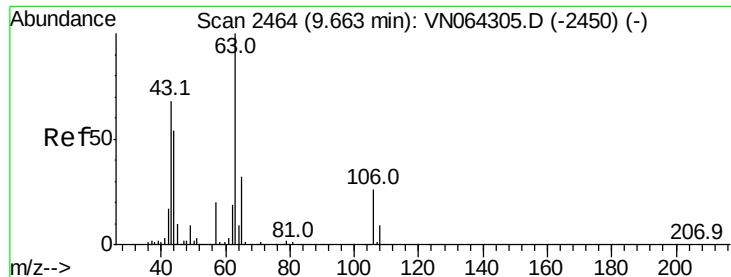
20000

10000

0

Time--> 10.90 10.95 11.00 11.05





#55

2-Chloroethyl vinyl ether

Concen: 94.894 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

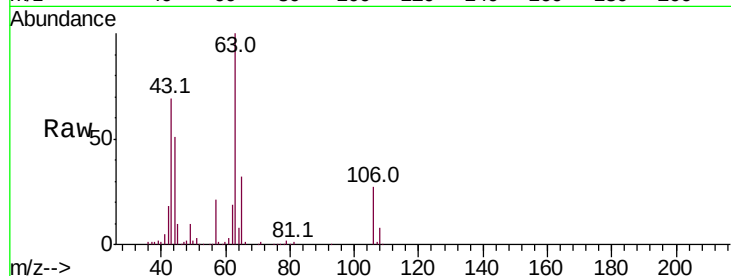
Tot Ion: 63 Resp: 226106

Ion Ratio Lower Upper

63 100

65 32.6 25.6 38.4

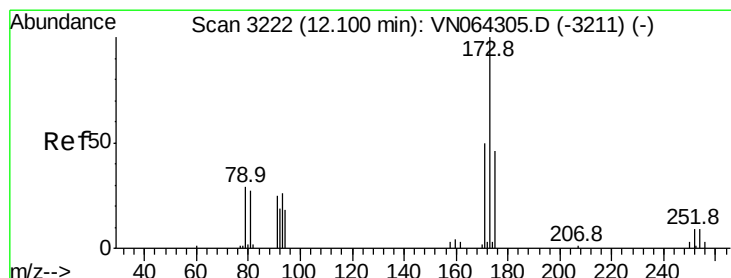
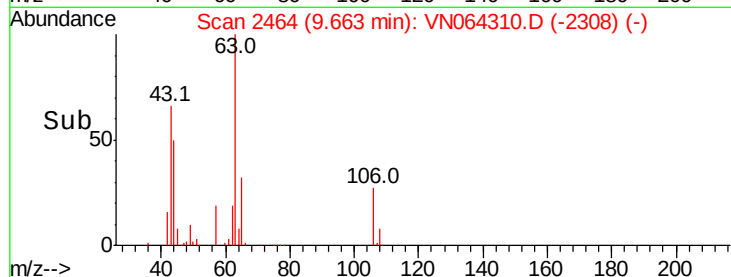
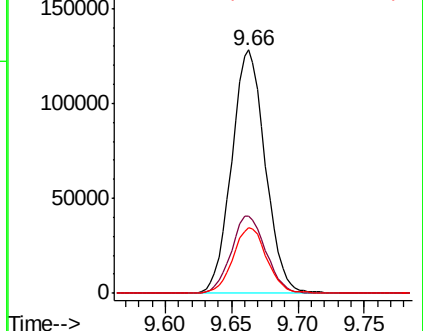
106 27.1 20.7 31.1



Abundance Ion 63.00 (62.70 to 63.70): VN064310.D (-2308) (-)

Ion 65.00 (64.70 to 65.70): VN064310.D (-2308) (-)

Ion 106.00 (105.70 to 106.70): VN064310.D (-2308) (-)



#56

Bromoform

Concen: 17.446 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

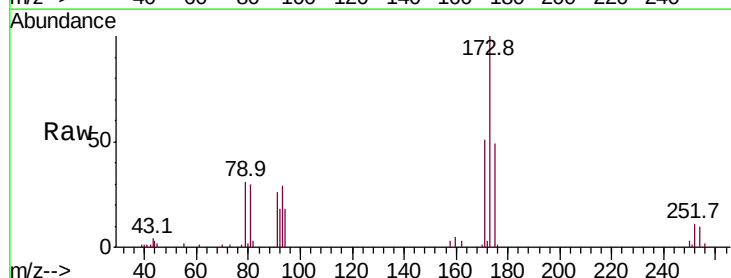
Tgt Ion: 173 Resp: 46834

Ion Ratio Lower Upper

173 100

175 48.0 37.3 55.9

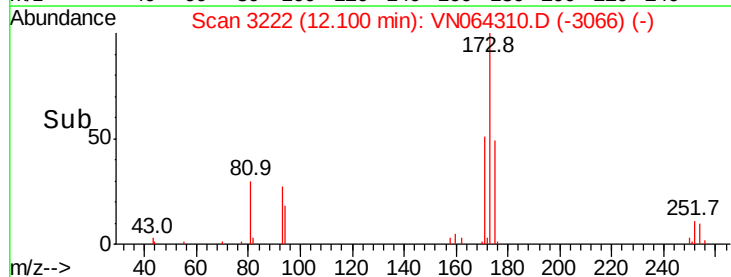
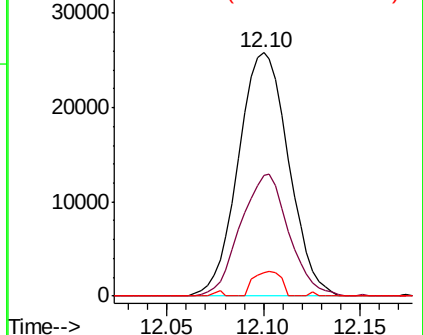
254 5.6 4.8 7.2

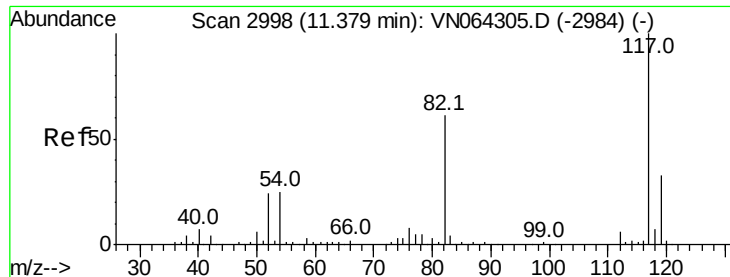


Abundance Ion 173.00 (172.70 to 173.70): VN064310.D (-3066) (-)

Ion 175.00 (174.70 to 175.70): VN064310.D (-3066) (-)

Ion 254.00 (253.70 to 254.70): VN064310.D (-3066) (-)

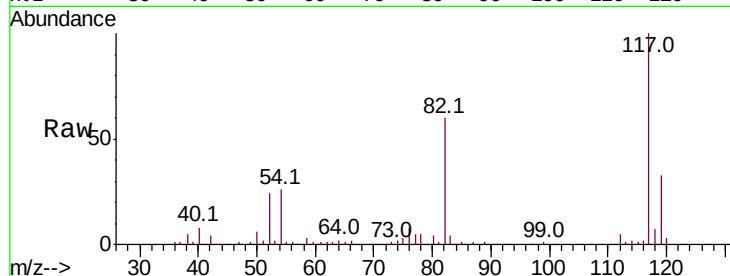




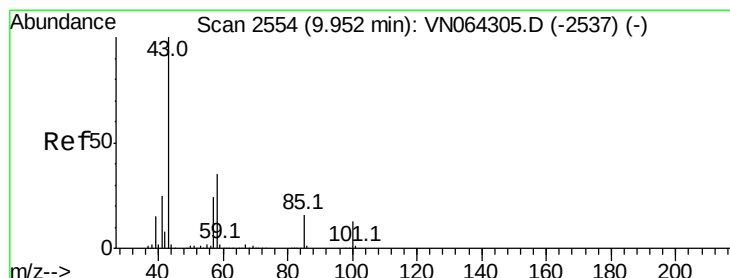
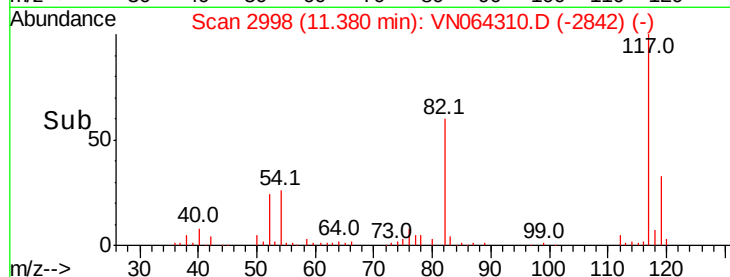
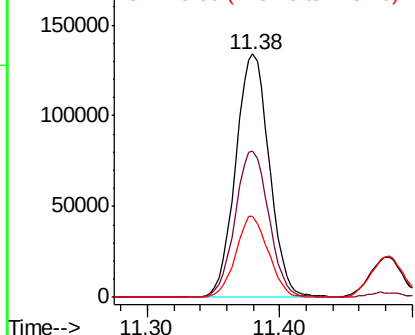
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

Tot Ion:117 Resp: 236856
Ion Ratio Lower Upper
117 100
82 60.2 48.7 73.1
119 32.3 25.1 37.7

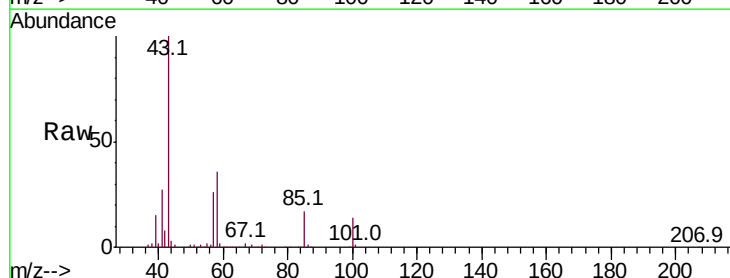


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

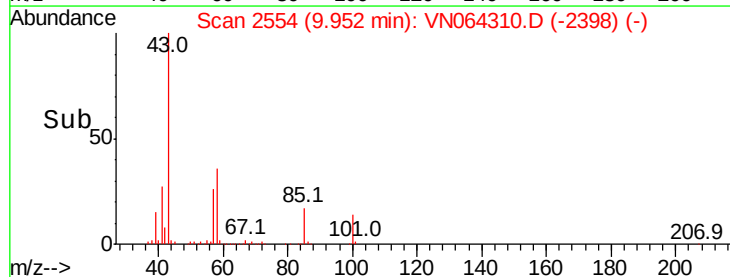
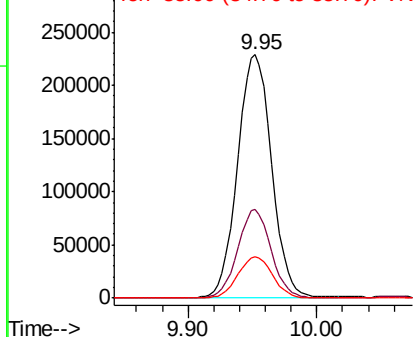


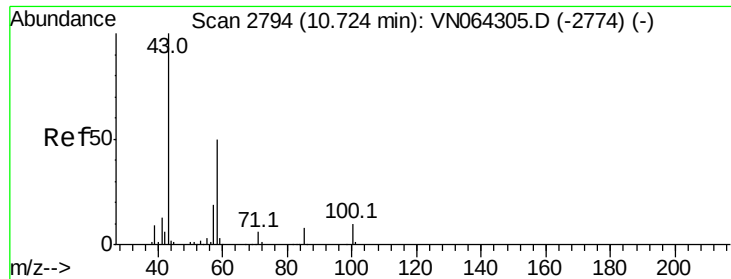
#58
4-Methyl-2-Pentanone
Concen: 95.870 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 43 Resp: 420106
Ion Ratio Lower Upper
43 100
58 35.8 28.7 43.1
85 17.3 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

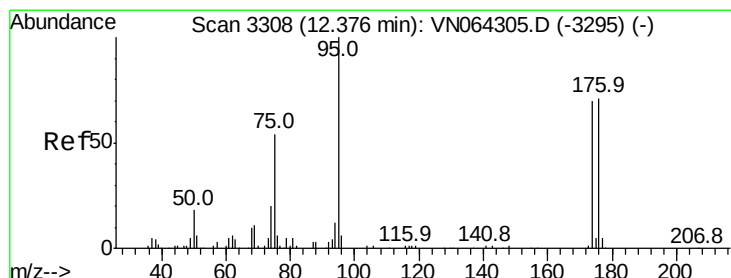
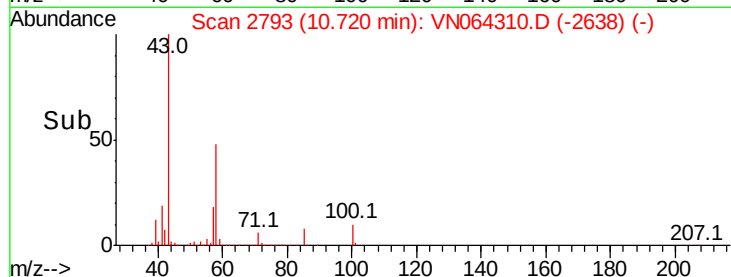
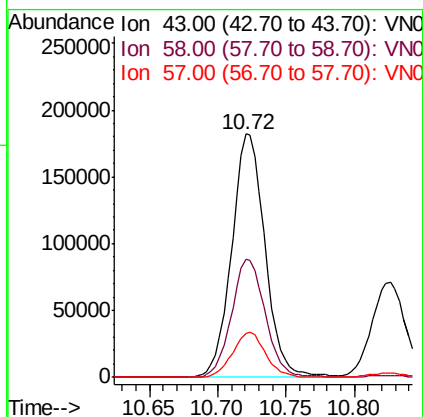
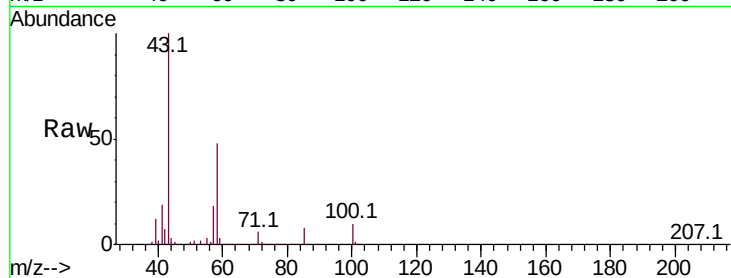




#59
2-Hexanone
Concen: 93.309 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

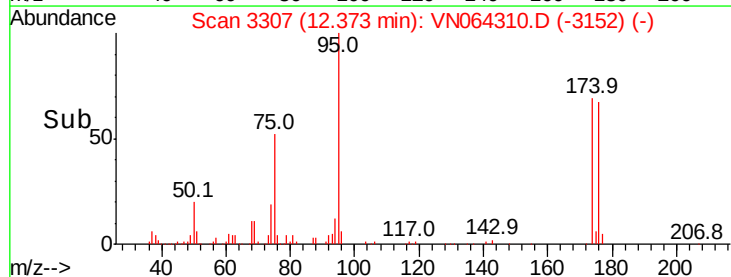
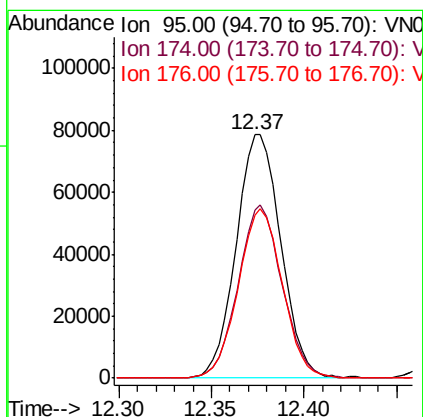
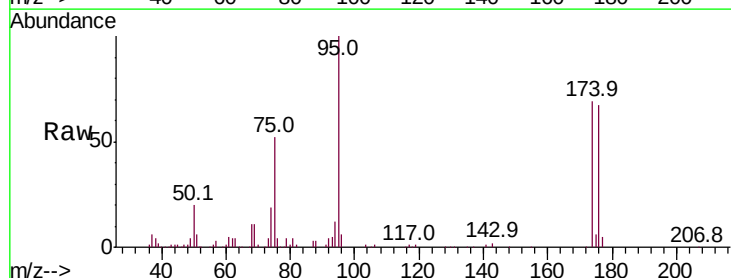
Instrument :
MSVOA_N
ClientSampleId :
ICVFN102620

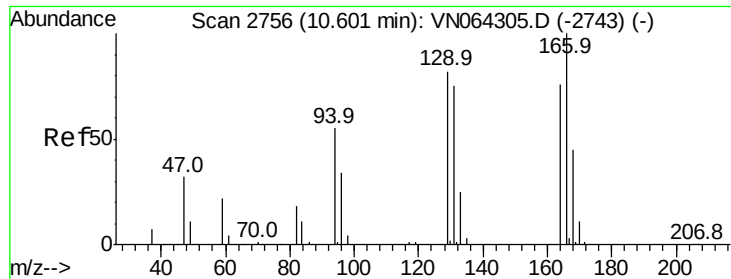
Tot Ion: 43 Resp: 305516
Ion Ratio Lower Upper
43 100
58 49.7 39.4 59.2
57 18.6 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 31.110 ug/l
RT: 12.37 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion: 95 Resp: 131821
Ion Ratio Lower Upper
95 100
174 69.9 57.6 86.4
176 68.7 55.5 83.3





#61

Tetrachloroethene

Concen: 18.791 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

Tot Ion:164 Resp: 59355

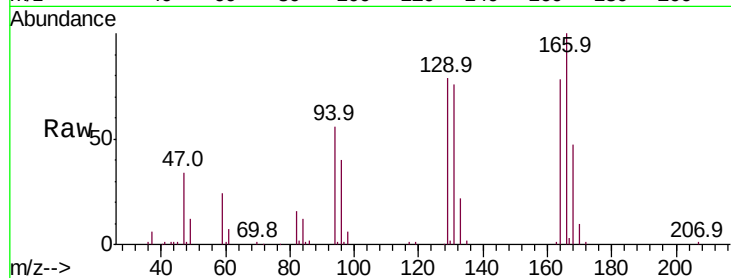
Ion Ratio Lower Upper

164 100

166 126.8 105.4 158.0

129 100.5 86.4 129.6

131 97.2 78.5 117.7

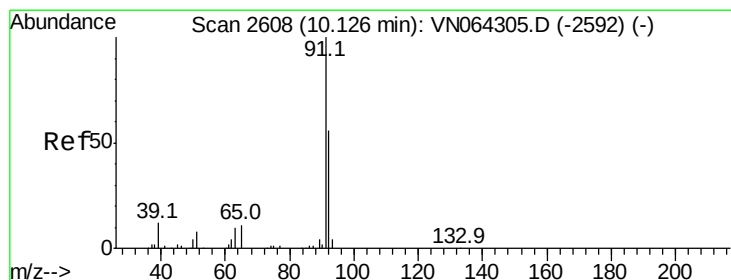
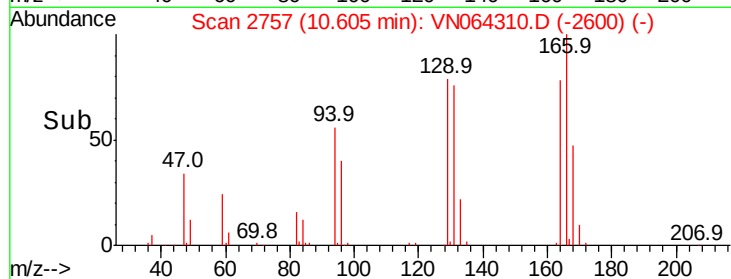
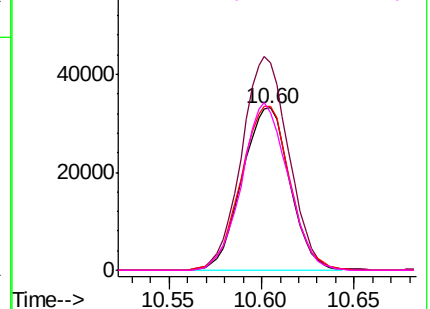


Abundance Ion 163.85 (163.55 to 164.55): V

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: 18.711 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064310.D

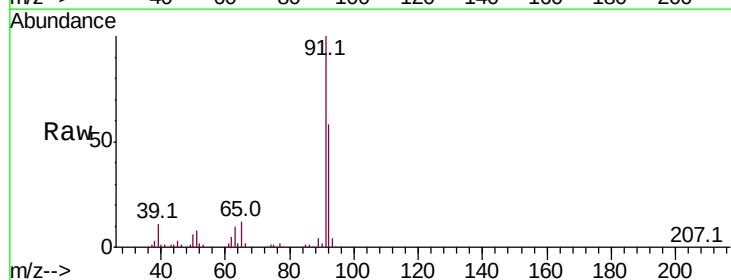
Acq: 26 Oct 2020 18:17

Tgt Ion: 91 Resp: 244120

Ion Ratio Lower Upper

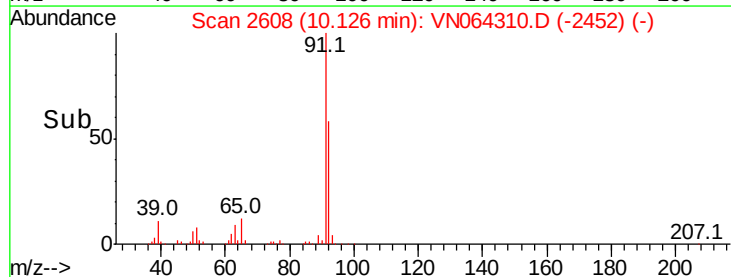
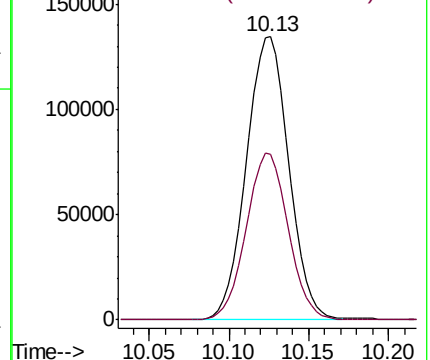
91 100

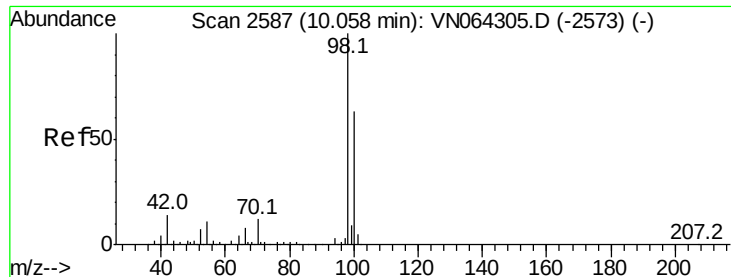
92 58.1 45.8 68.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0





#63

Toluene-d8

Concen: 31.519 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

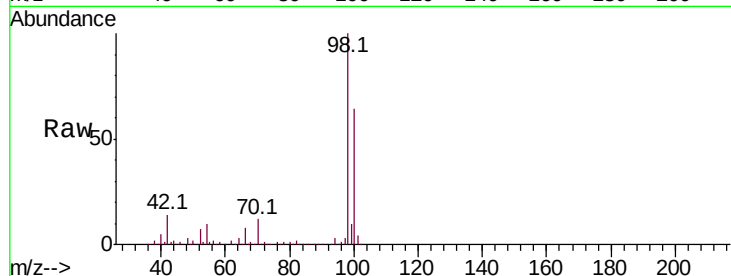
ICVFN102620

Tot Ion: 98 Resp: 332923

Ion Ratio Lower Upper

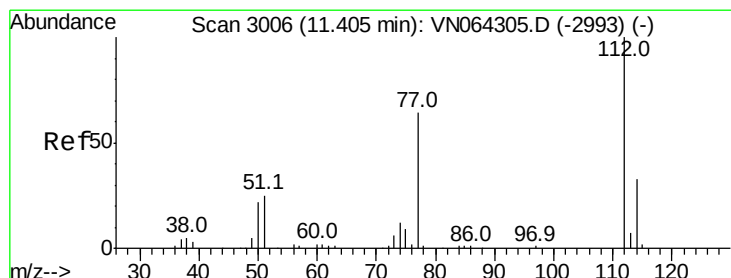
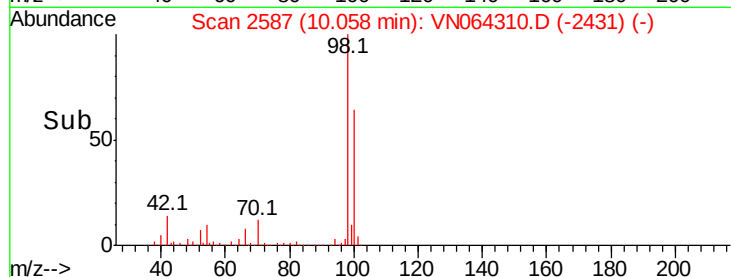
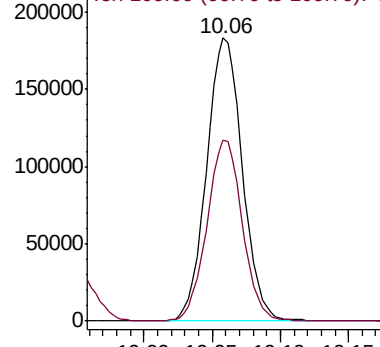
98 100

100 63.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#64

Chlorobenzene

Concen: 19.124 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064310.D

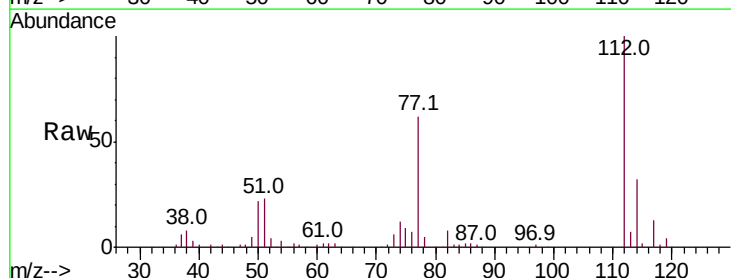
Acq: 26 Oct 2020 18:17

Tgt Ion: 112 Resp: 155544

Ion Ratio Lower Upper

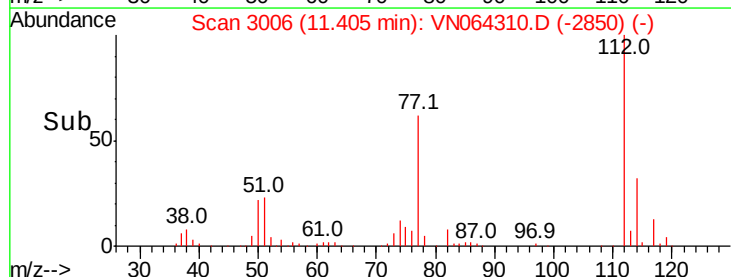
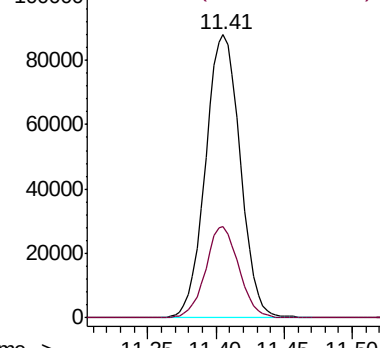
112 100

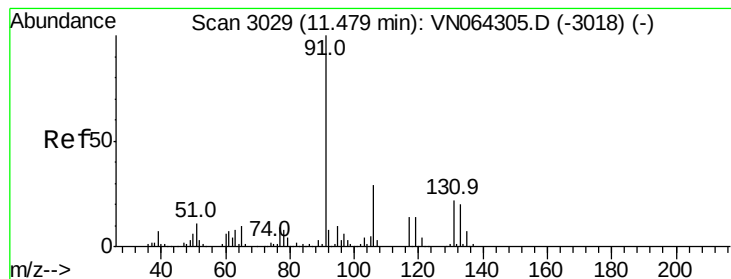
114 32.3 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#65

1,1,1,2-Tetrachloroethane

Concen: 19.229 ug/l

RT: 11.48 min Scan# 3029

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

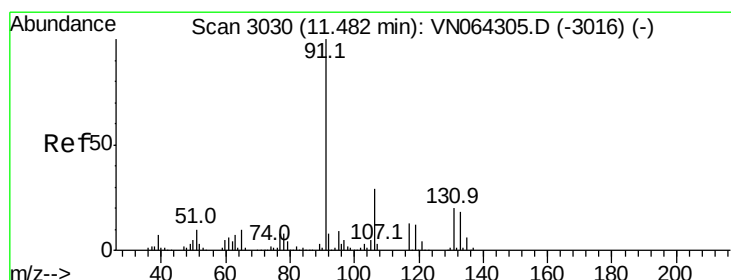
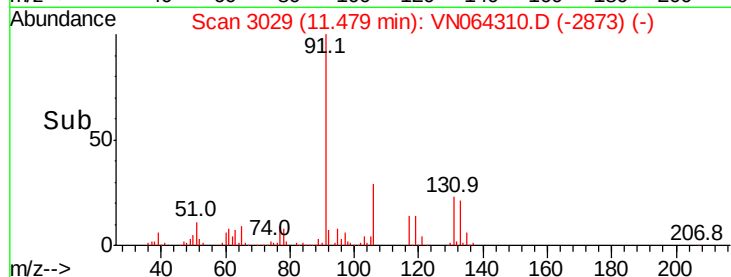
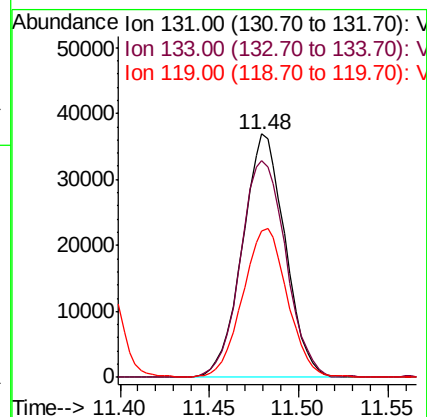
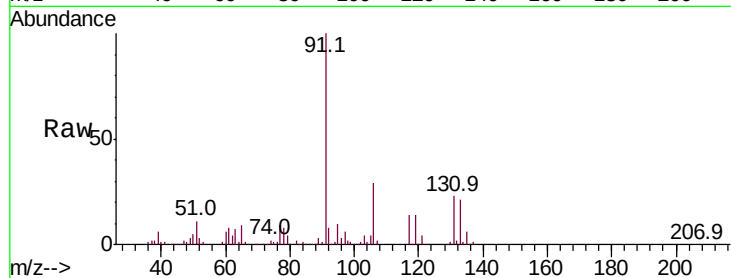
Tot Ion:131 Resp: 61785

Ion Ratio Lower Upper

131 100

133 94.7 0.0 183.0

119 63.5 0.0 121.6



#66

Ethyl Benzene

Concen: 18.854 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064310.D

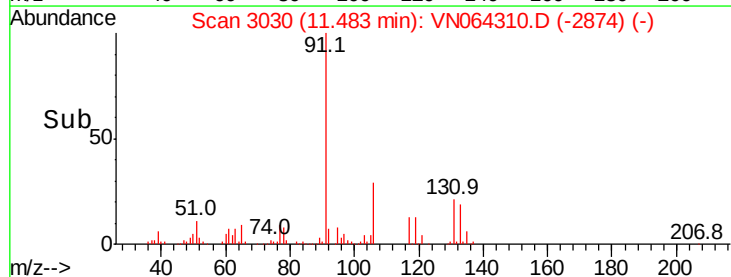
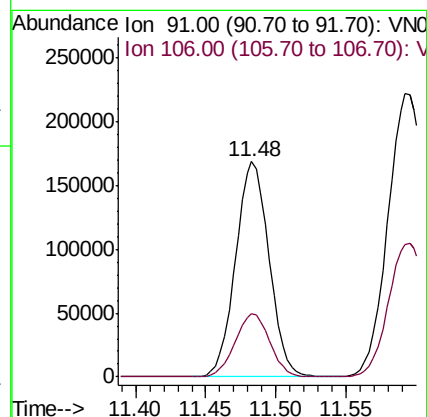
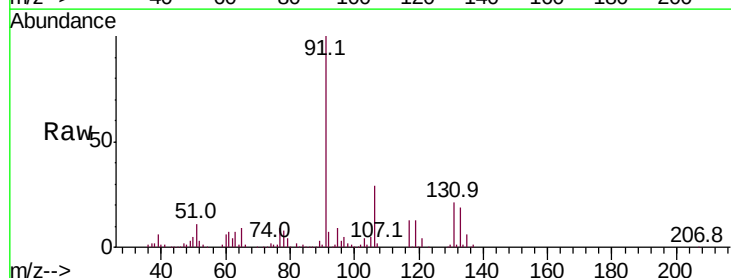
Acq: 26 Oct 2020 18:17

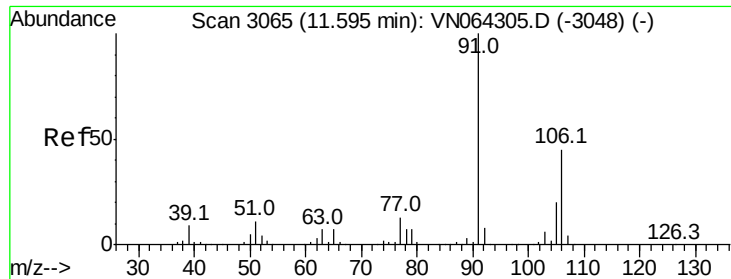
Tgt Ion: 91 Resp: 281127

Ion Ratio Lower Upper

91 100

106 29.5 22.8 34.2

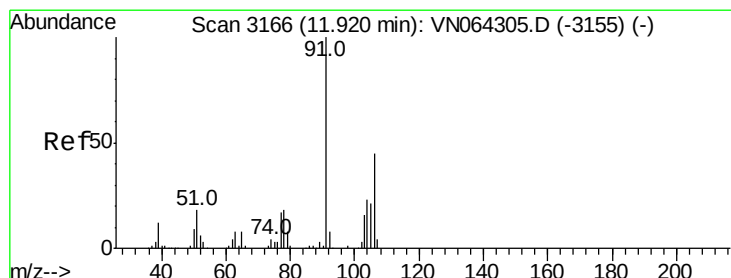
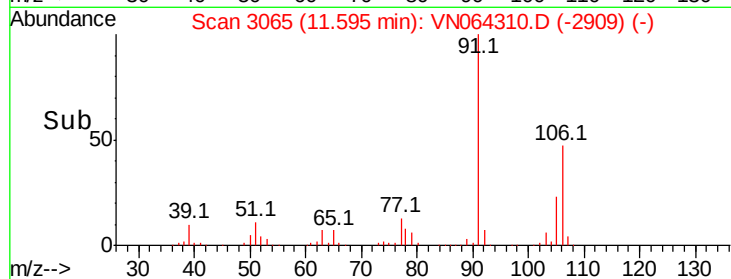
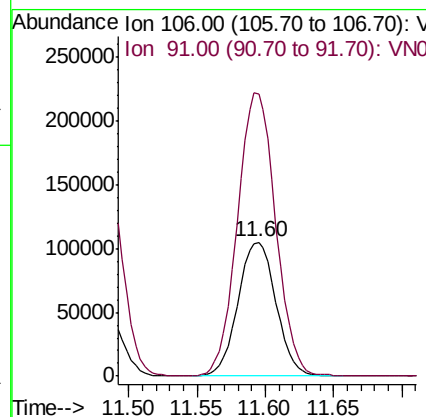
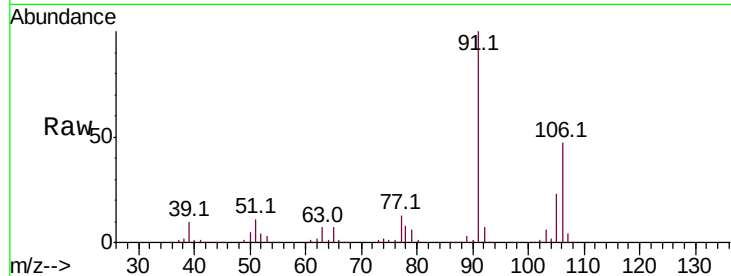




#67
m/p-Xylenes
Concen: 37.206 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

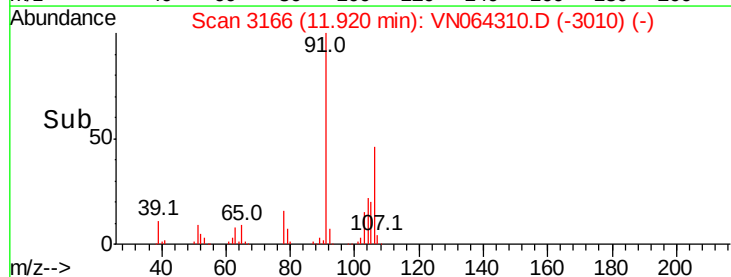
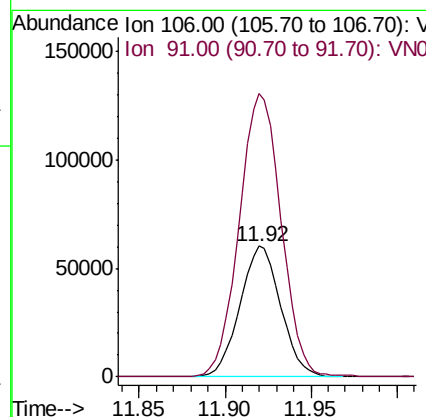
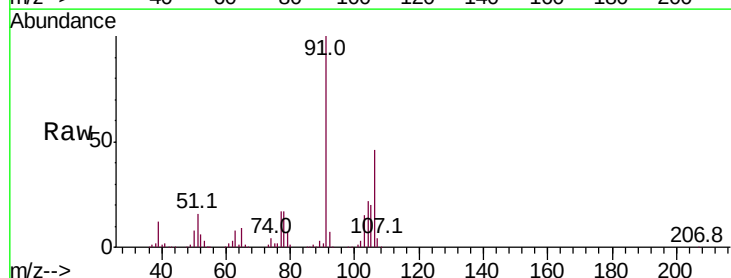
Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

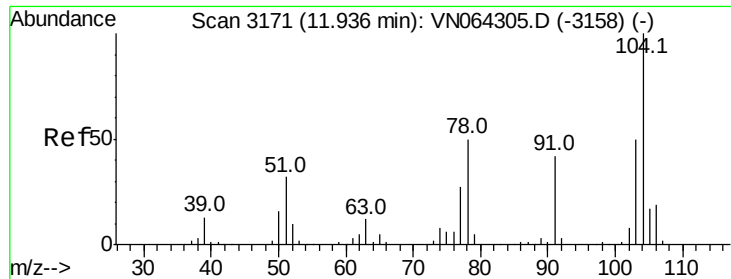
Tot Ion:106 Resp: 203740
Ion Ratio Lower Upper
106 100
91 211.2 176.2 264.2



#68
o-Xylene
Concen: 18.397 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion:106 Resp: 99073
Ion Ratio Lower Upper
106 100
91 223.9 112.9 338.6

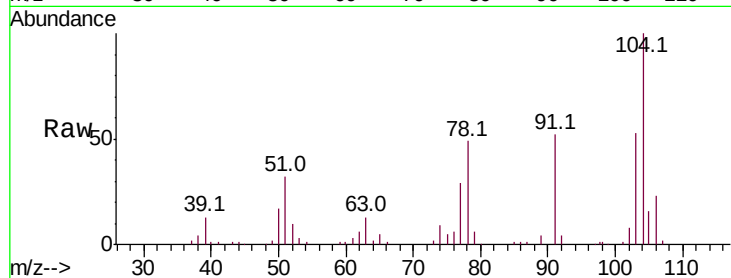




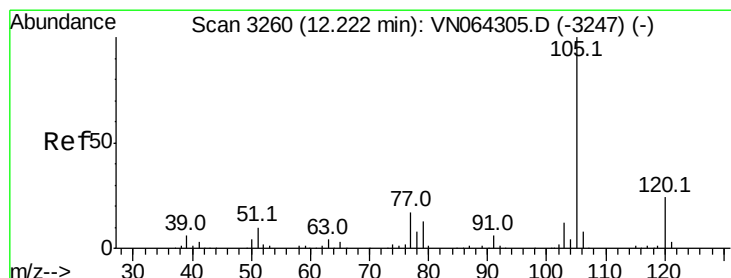
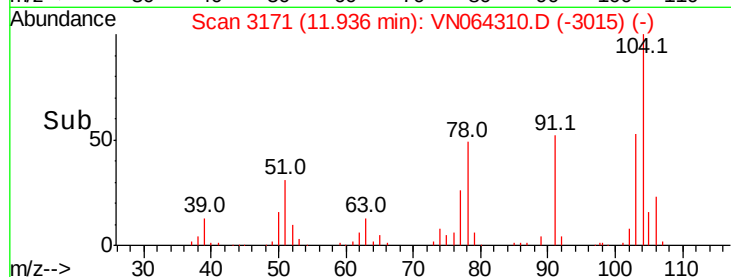
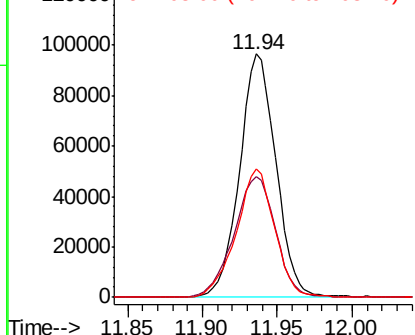
#69
Stvrene
Concen: 18.214 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Instrument :
MSVOA_N
ClientSampleId :
ICVVN102620

Tot Ion:104 Resp: 163479
Ion Ratio Lower Upper
104 100
78 56.7 46.3 69.5
103 55.8 44.2 66.2

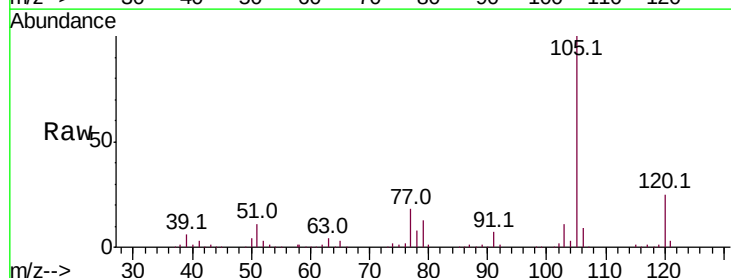


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

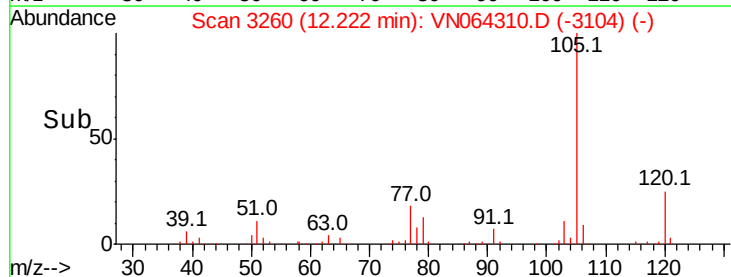
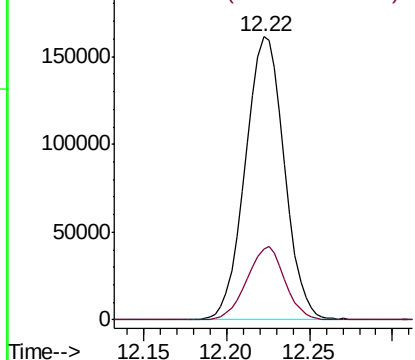


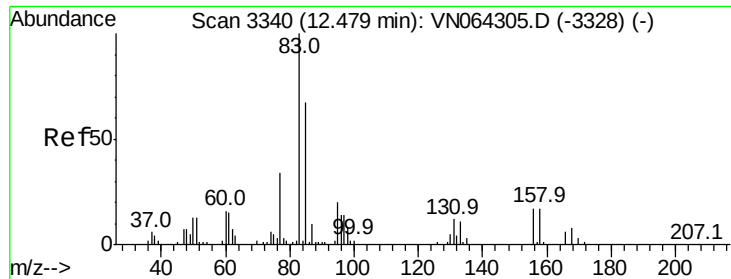
#70
Isopropylbenzene
Concen: 18.551 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064310.D
Acq: 26 Oct 2020 18:17

Tgt Ion:105 Resp: 264892
Ion Ratio Lower Upper
105 100
120 25.2 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: 19.128 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

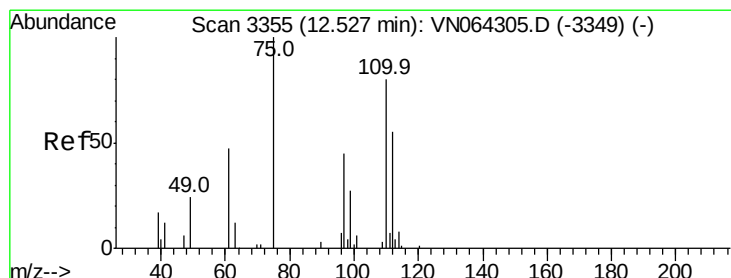
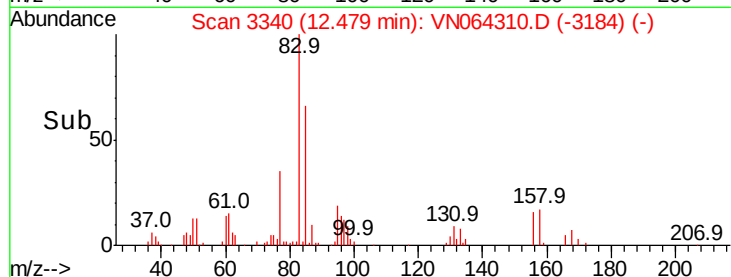
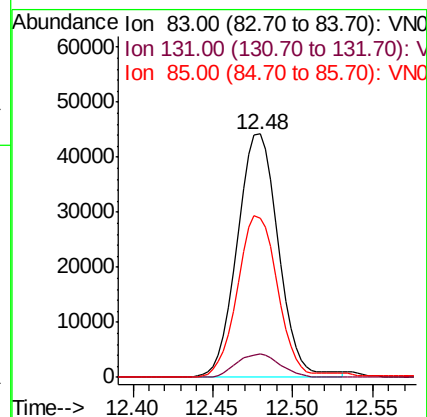
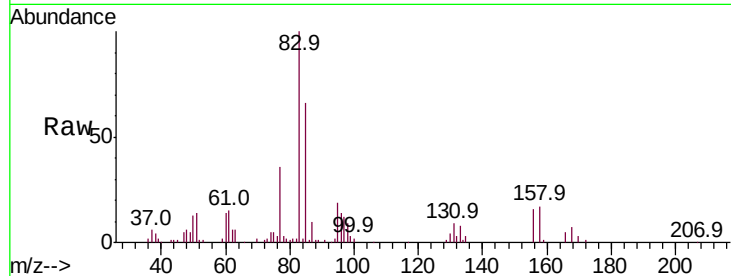
Tot Ion: 83 Resp: 77820

Ion Ratio Lower Upper

83 100

131 10.1 6.0 18.0

85 64.6 32.0 96.0



#72

1,2,3-Trichloropropane

Concen: 27.219 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064310.D

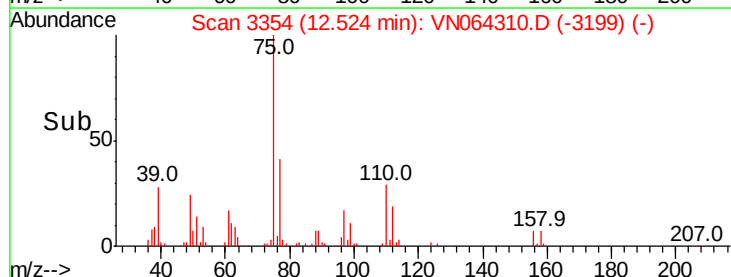
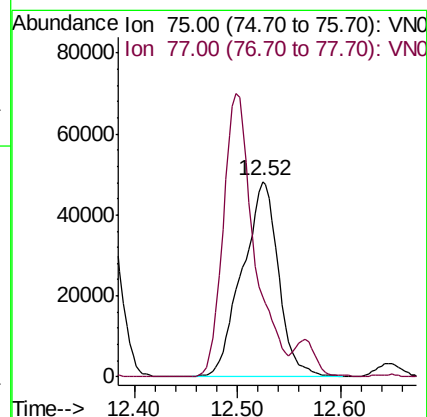
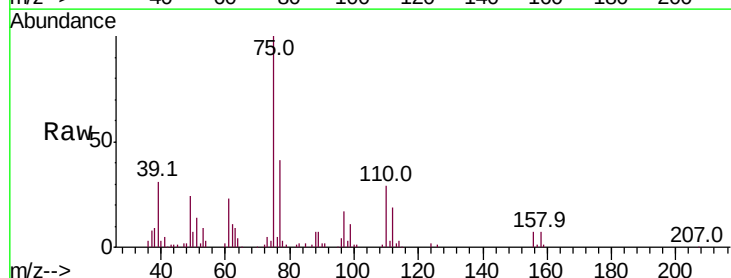
Acq: 26 Oct 2020 18:17

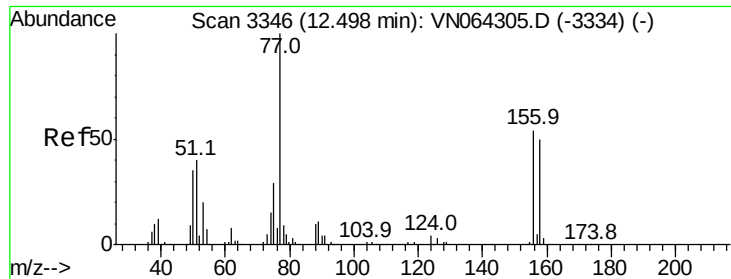
Tgt Ion: 75 Resp: 117926

Ion Ratio Lower Upper

75 100

77 124.4 0.0 340.8





#73

Bromobenzene

Concen: 18.824 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

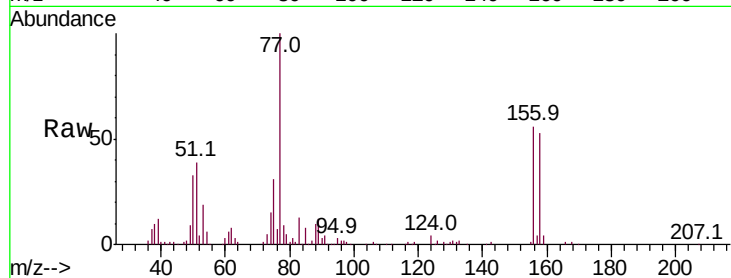
Tot Ion:156 Resp: 65893

Ion Ratio Lower Upper

156 100

77 222.6 0.0 449.2

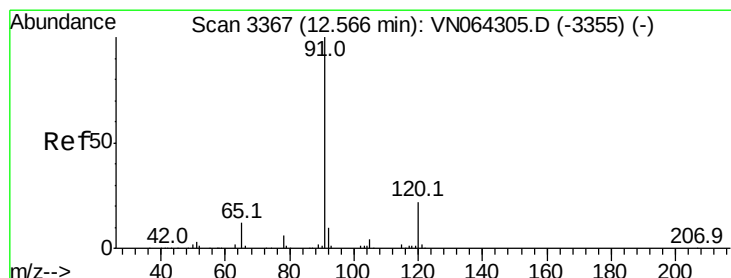
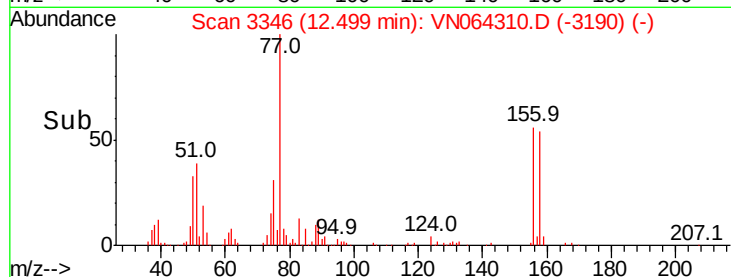
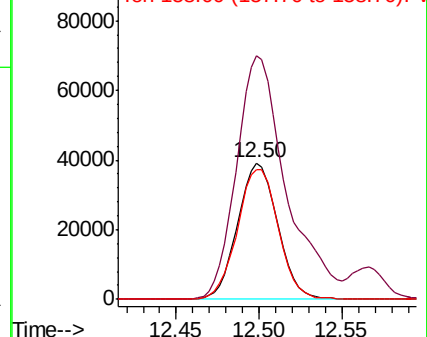
158 97.3 0.0 191.0



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: 18.142 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064310.D

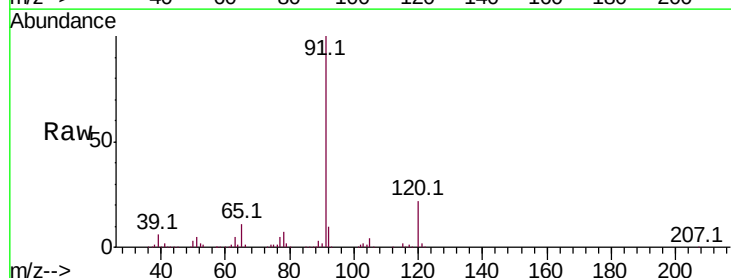
Acq: 26 Oct 2020 18:17

Tgt Ion: 91 Resp: 295251

Ion Ratio Lower Upper

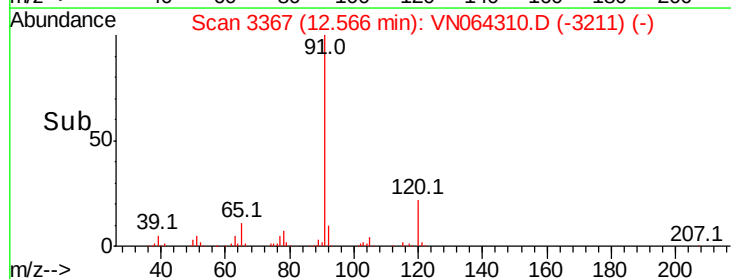
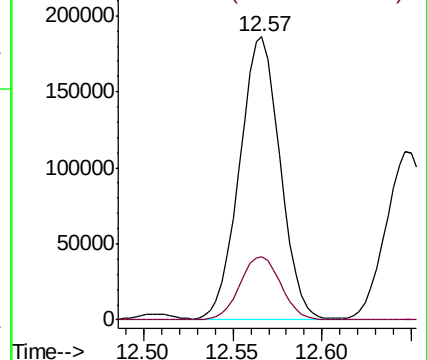
91 100

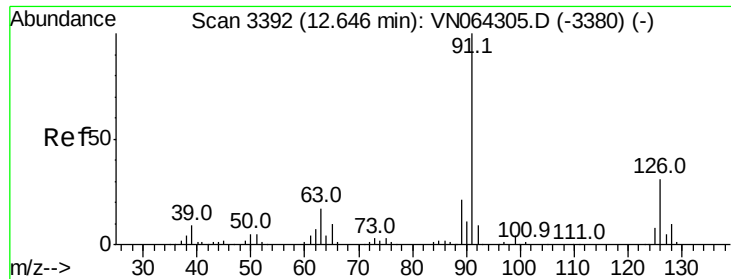
120 22.6 0.0 44.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 18.785 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

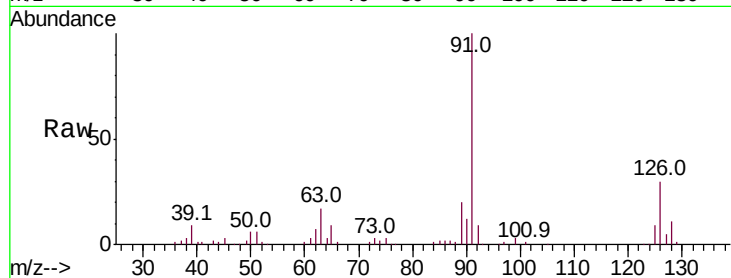
ICVFN102620

Tot Ion: 91 Resp: 189061

Ion Ratio Lower Upper

91 100

126 31.8 0.0 62.0



Abundance Ion 91.00 (90.70 to 91.70): VN064310.D (-3392) (-)

Ion 126.00 (125.70 to 126.70): VN064310.D (-3392) (-)

120000

100000

80000

60000

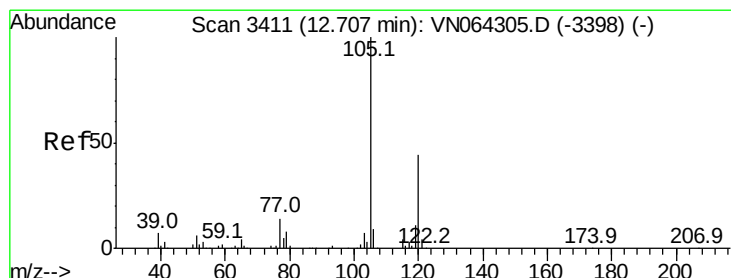
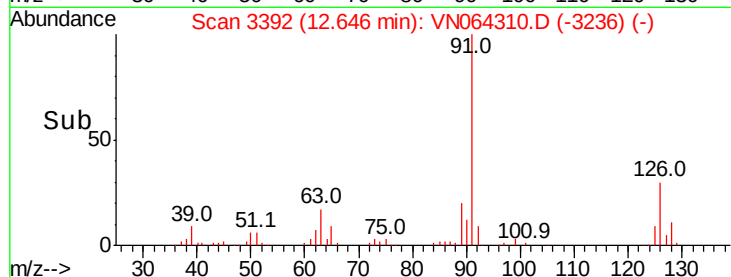
40000

20000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 18.649 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064310.D

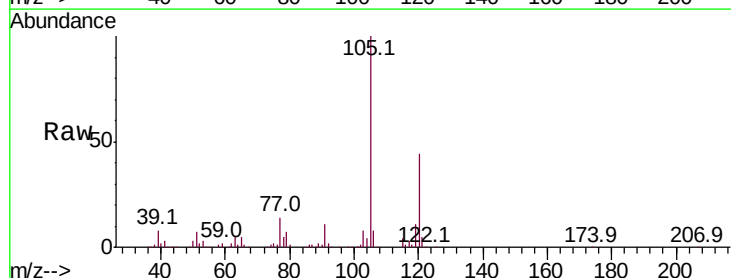
Acq: 26 Oct 2020 18:17

Tgt Ion: 105 Resp: 225206

Ion Ratio Lower Upper

105 100

120 45.3 0.0 89.8



Abundance Ion 105.00 (104.70 to 105.70): VN064310.D (-3411) (-)

Ion 120.00 (119.70 to 120.70): VN064310.D (-3411) (-)

150000

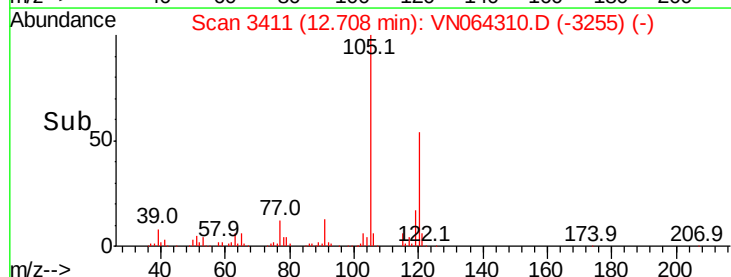
100000

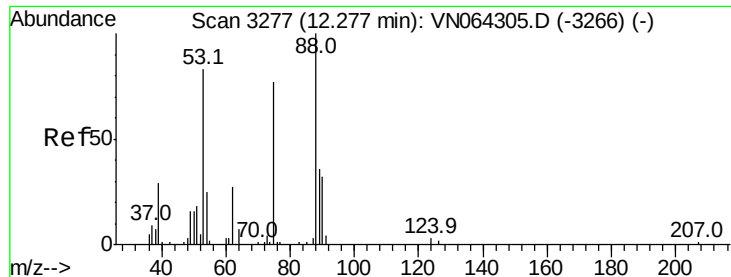
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 18.512 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVVN102620

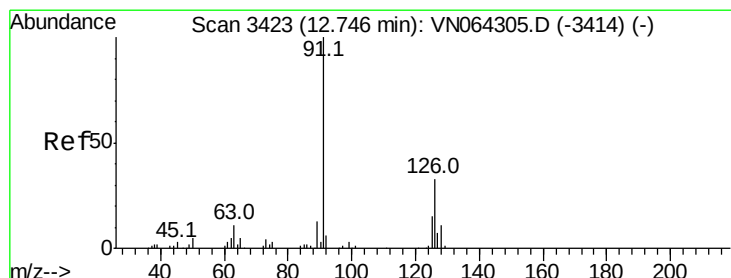
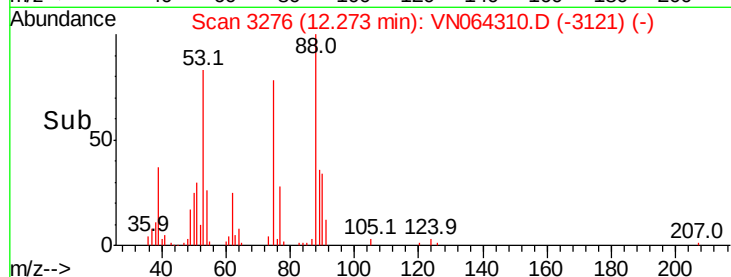
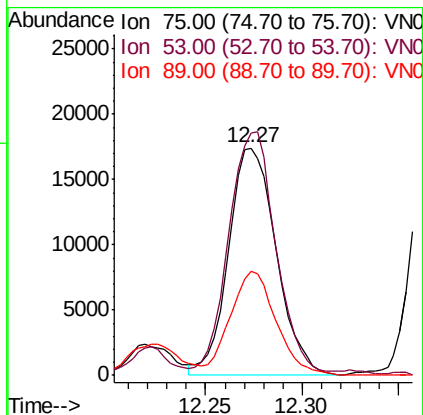
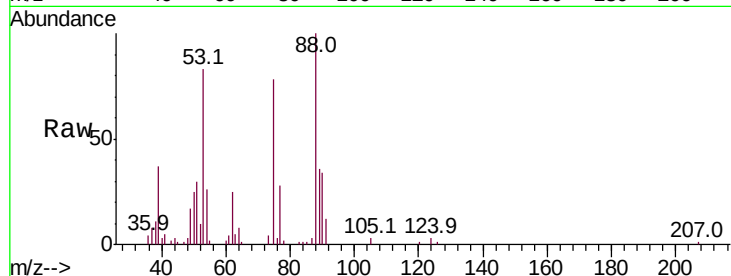
Tot Ion: 75 Resp: 29947

Ion Ratio Lower Upper

75 100

53 105.2 51.0 153.0

89 45.8 24.8 74.3



#78

4-Chlorotoluene

Concen: 18.443 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064310.D

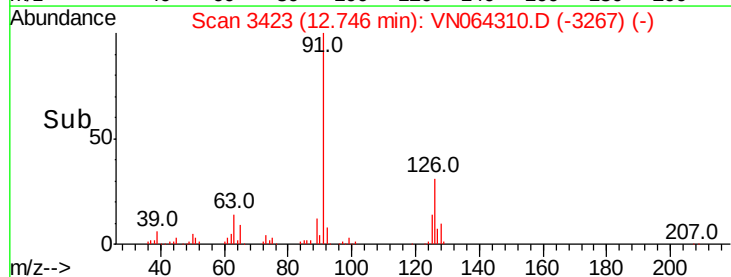
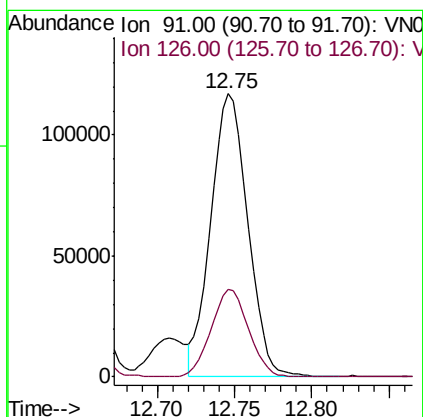
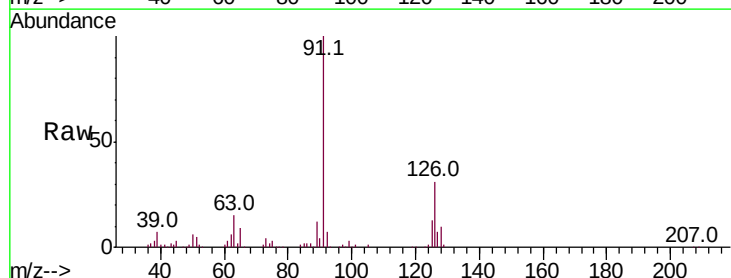
Acq: 26 Oct 2020 18:17

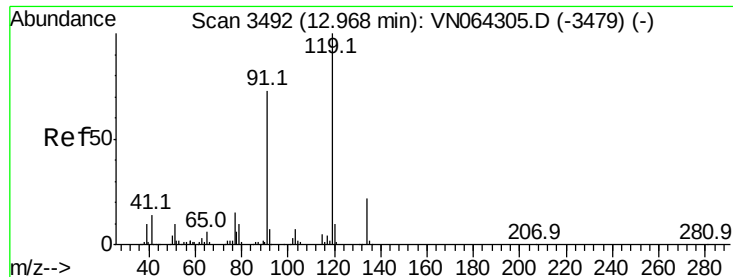
Tgt Ion: 91 Resp: 194241

Ion Ratio Lower Upper

91 100

126 31.4 0.0 62.4





#79

tert-butylbenzene

Concen: 18.378 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVNN102620

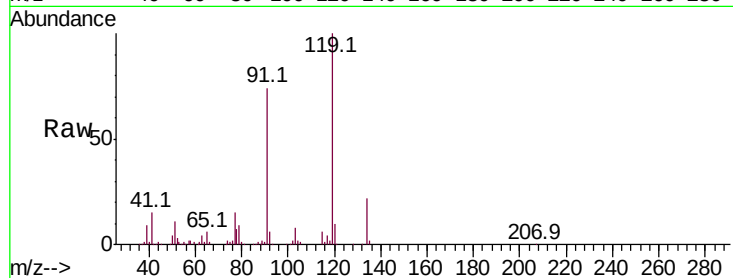
Tot Ion:119 Resp: 182894

Ion Ratio Lower Upper

119 100

91 72.7 0.0 146.8

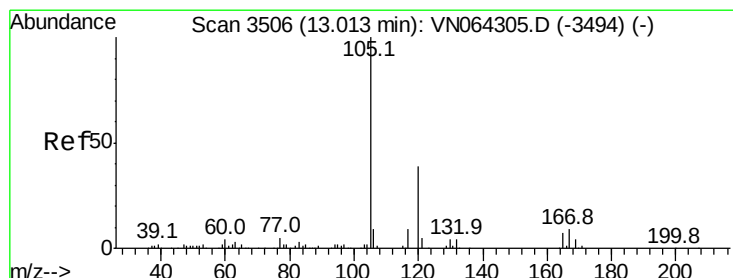
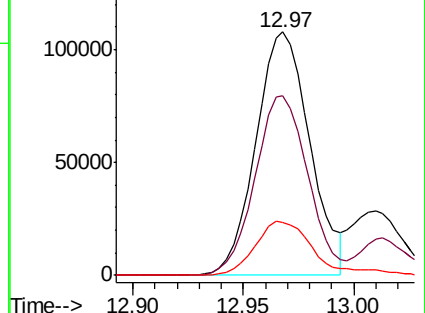
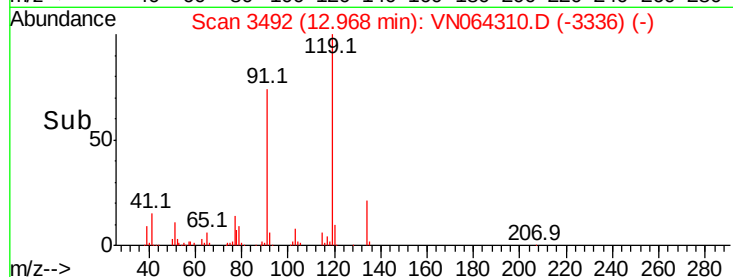
134 23.0 0.0 48.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VN

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 18.351 ug/l

RT: 13.01 min Scan# 3506

Delta R.T. 0.00 min

Lab File: VN064310.D

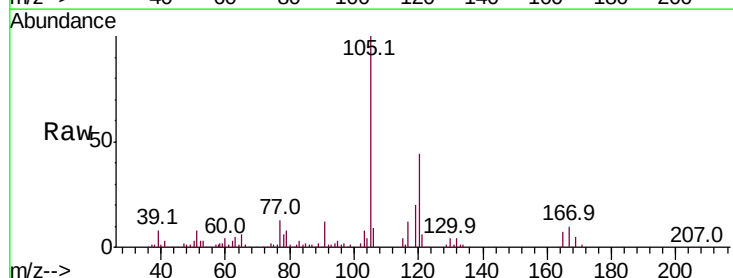
Acq: 26 Oct 2020 18:17

Tgt Ion:105 Resp: 223531

Ion Ratio Lower Upper

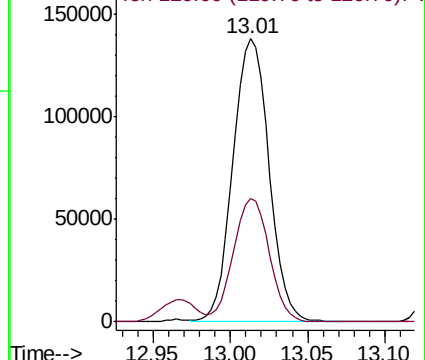
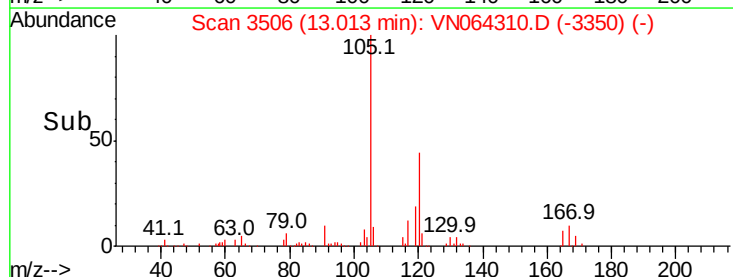
105 100

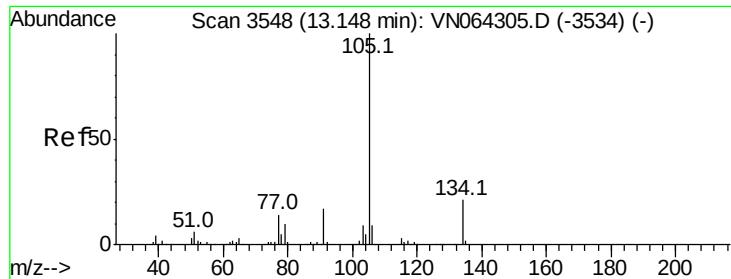
120 43.7 0.0 87.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

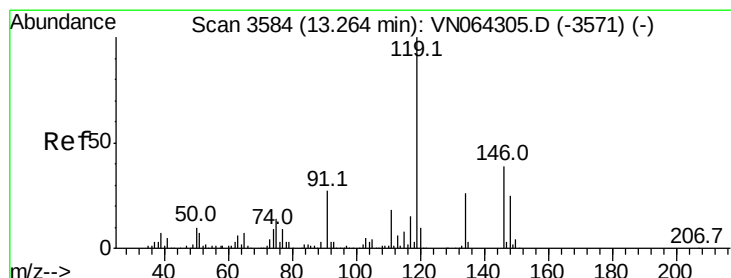
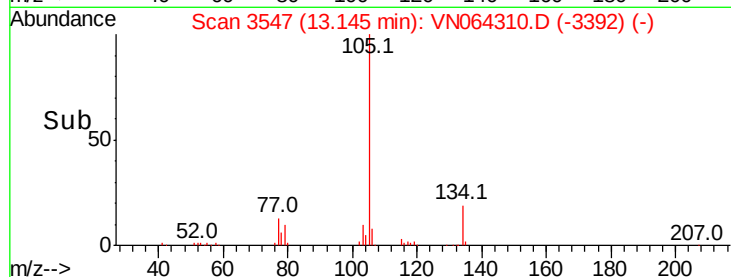
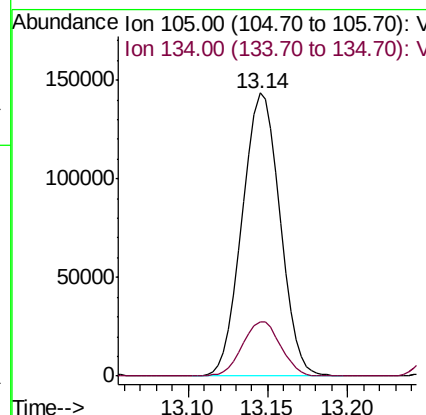
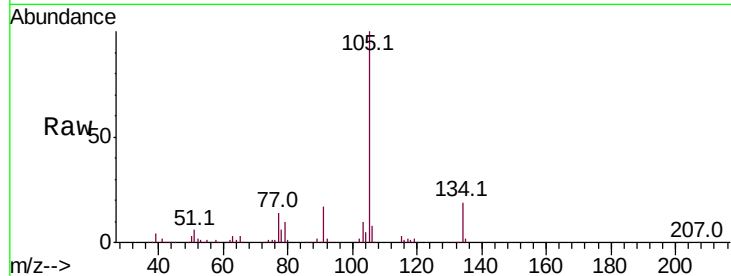




#81
 sec-Butylbenzene
 Concen: 17.841 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

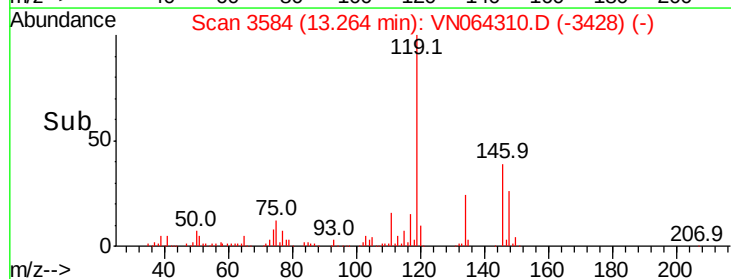
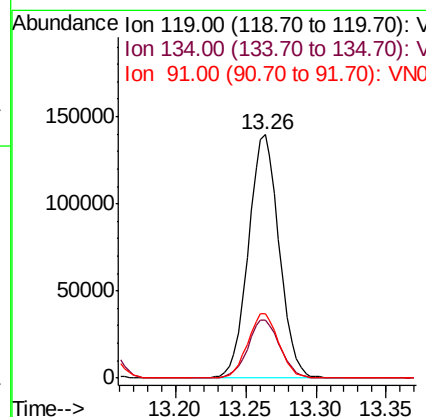
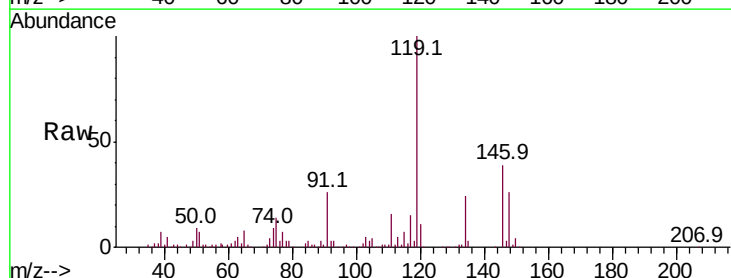
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

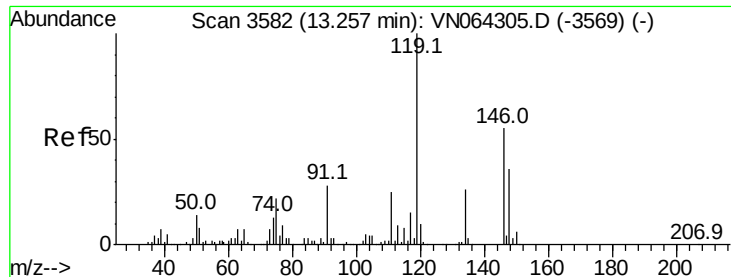
Tot Ion:105 Resp: 230440
 Ion Ratio Lower Upper
 105 100
 134 19.6 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 18.064 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion:119 Resp: 213719
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 52.2
 91 26.6 0.0 56.0





#83

1,3-Dichlorobenzene

Concen: 18.252 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

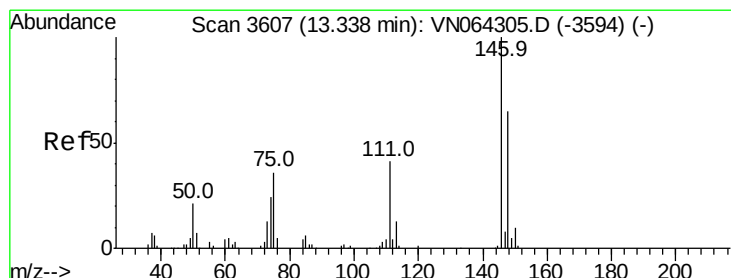
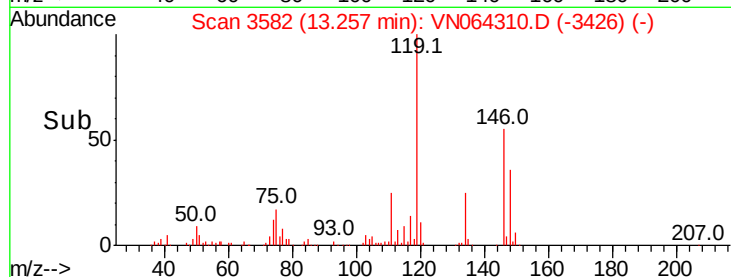
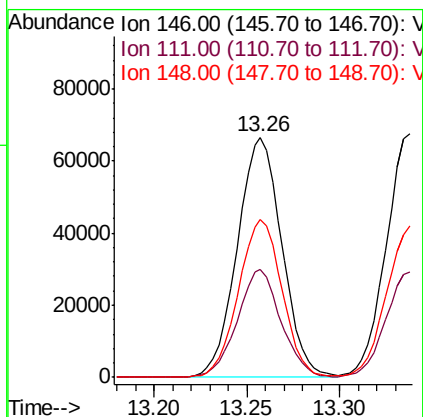
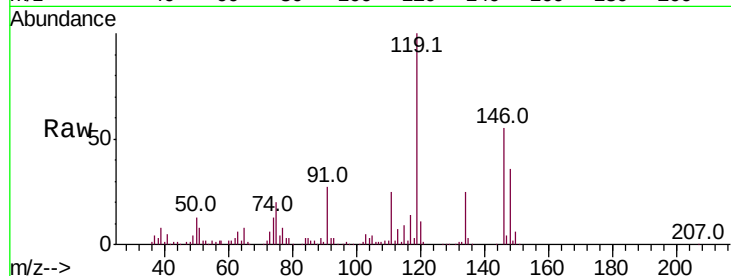
Tot Ion:146 Resp: 110978

Ion Ratio Lower Upper

146 100

111 44.0 22.5 67.5

148 64.1 32.5 97.5



#84

1,4-Dichlorobenzene

Concen: 18.052 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

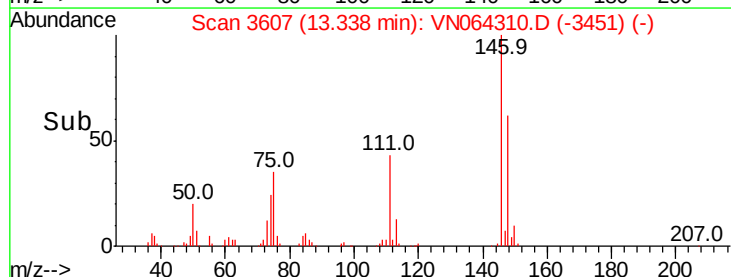
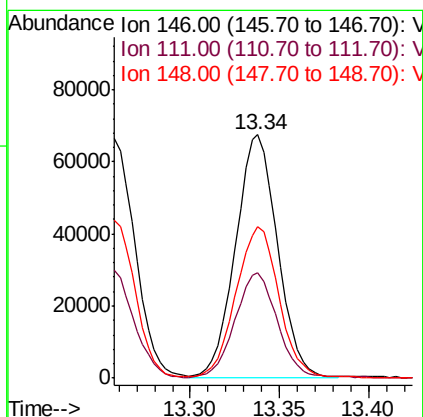
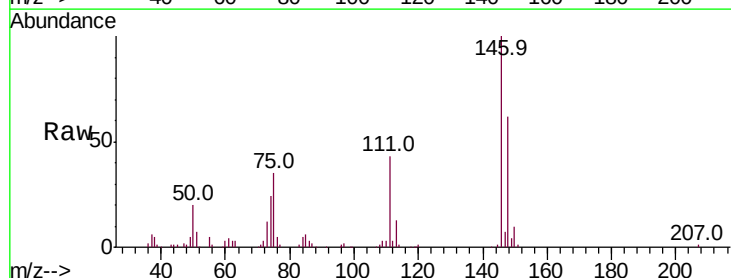
Tgt Ion:146 Resp: 110224

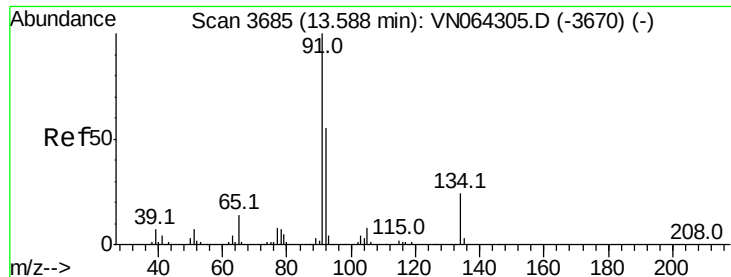
Ion Ratio Lower Upper

146 100

111 42.2 21.6 64.8

148 63.3 32.4 97.0





#85

n-Butylbenzene

Concen: 17.934 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVFN102620

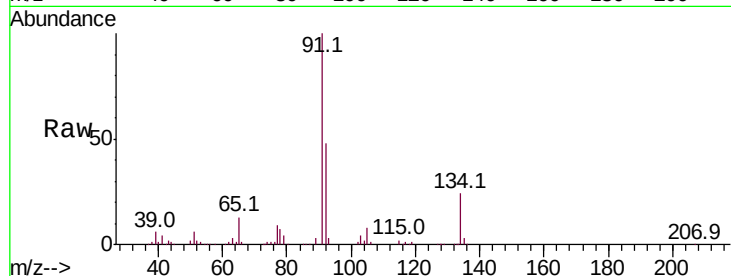
Tot Ion: 91 Resp: 185022

Ion Ratio Lower Upper

91 100

92 49.2 0.0 106.0

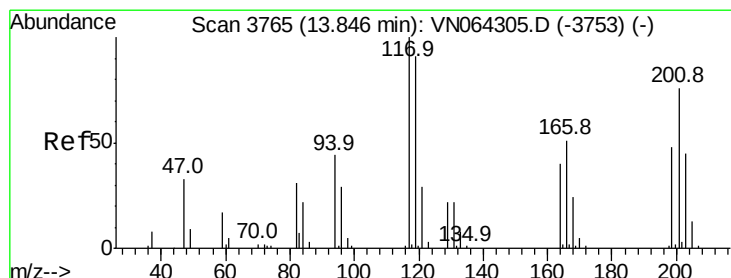
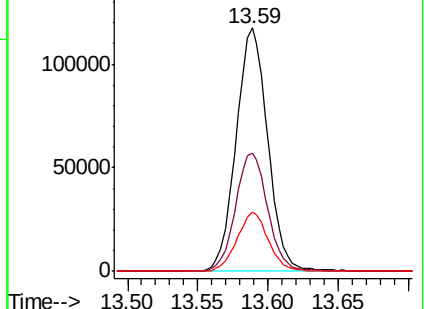
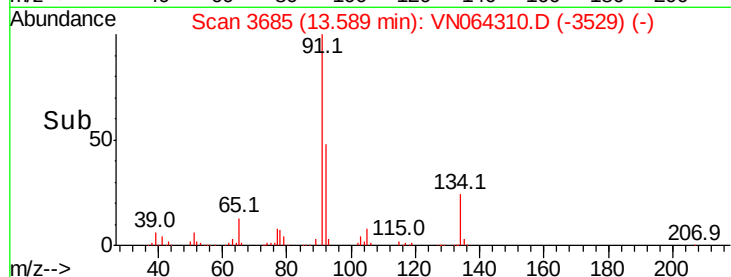
134 24.1 0.0 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN064310.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064310.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064310.D (-3670) (-)



#86

Hexachloroethane

Concen: 18.668 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064310.D

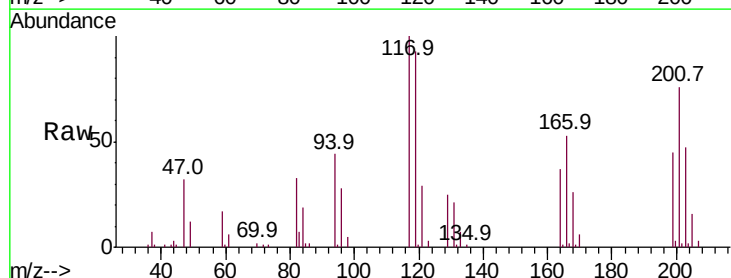
Acq: 26 Oct 2020 18:17

Tgt Ion: 117 Resp: 41189

Ion Ratio Lower Upper

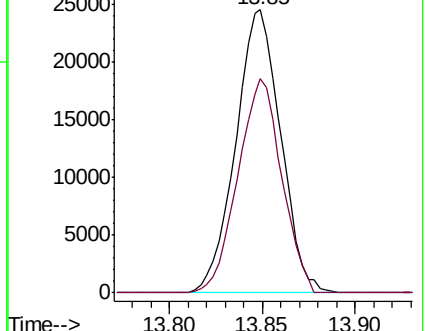
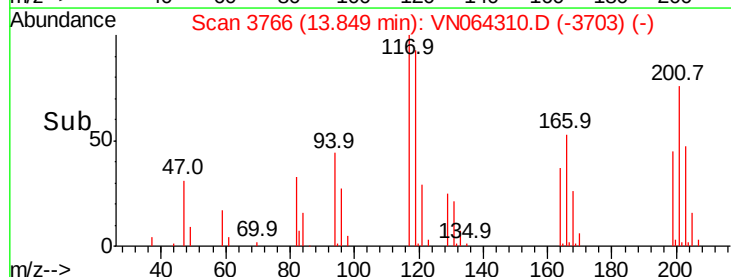
117 100

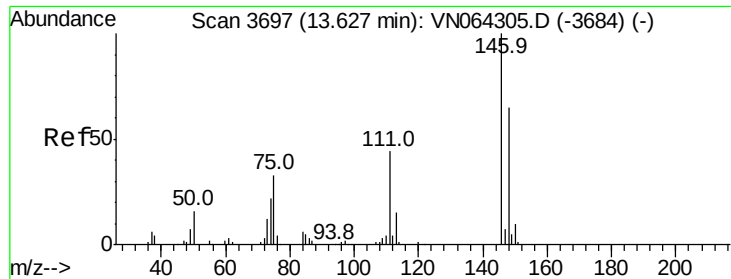
201 73.5 39.6 118.7



Abundance Ion 117.00 (116.70 to 117.70): VN064310.D (-3753) (-)

Ion 201.00 (200.70 to 201.70): VN064310.D (-3753) (-)

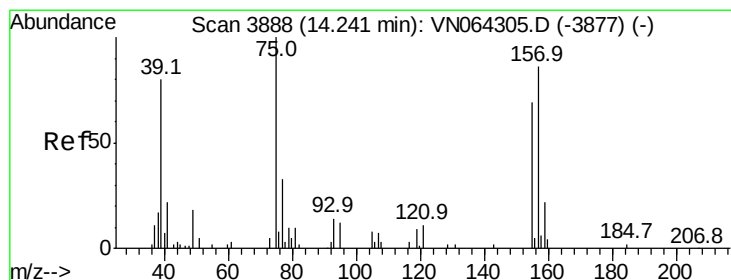
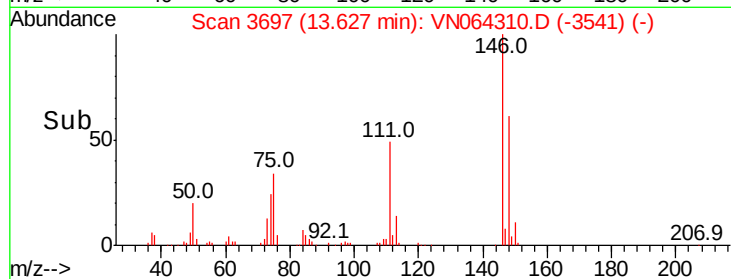
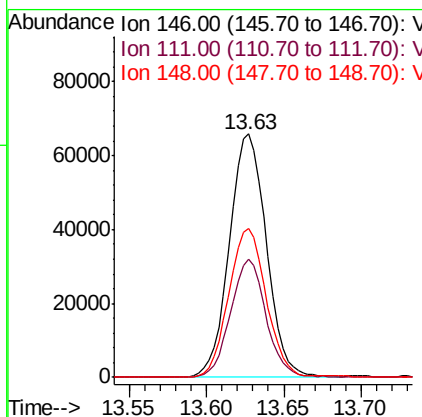
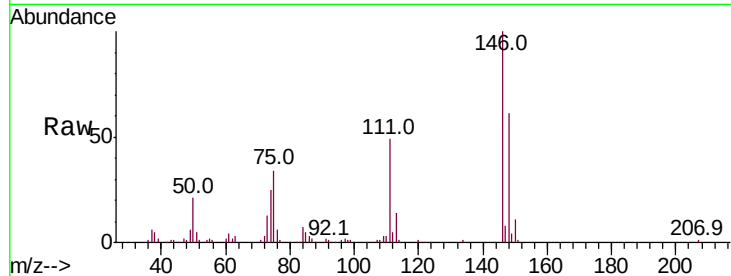




#87
 1,2-Dichlorobenzene
 Concen: 18.278 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

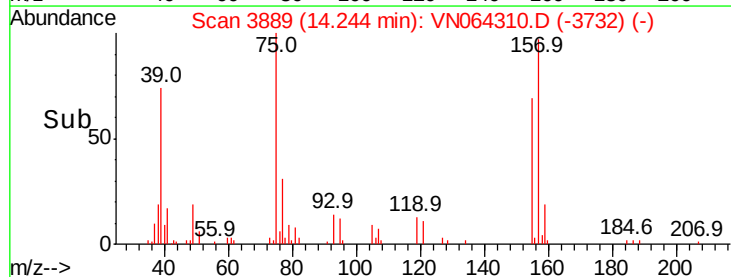
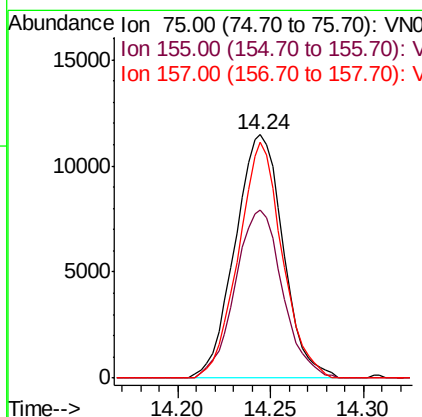
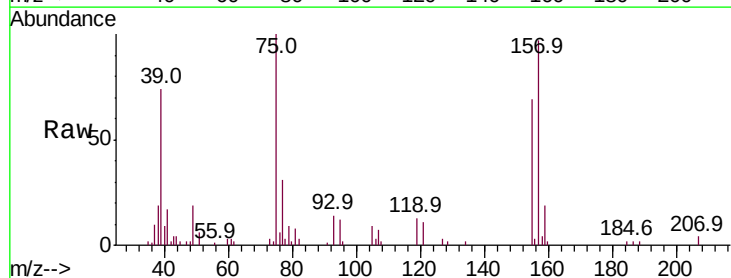
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

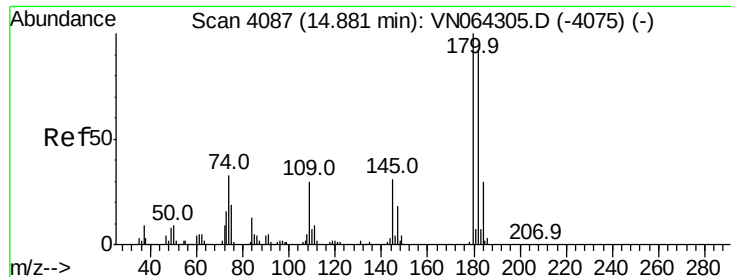
Tot Ion:146 Resp: 109436
 Ion Ratio Lower Upper
 146 100
 111 46.2 22.3 66.8
 148 61.7 31.6 95.0



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.058 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion: 75 Resp: 20627
 Ion Ratio Lower Upper
 75 100
 155 67.9 55.8 83.8
 157 88.4 72.1 108.1

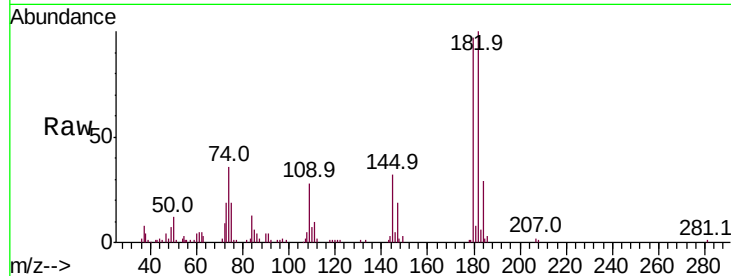




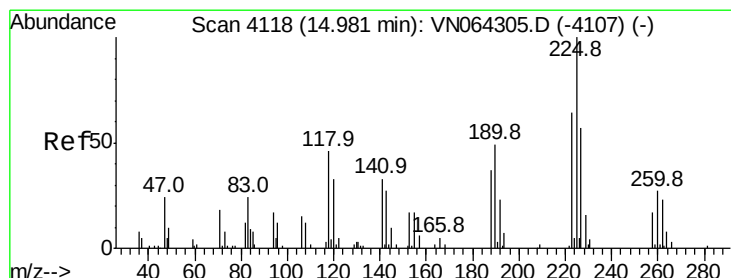
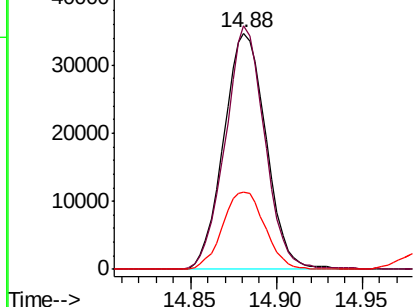
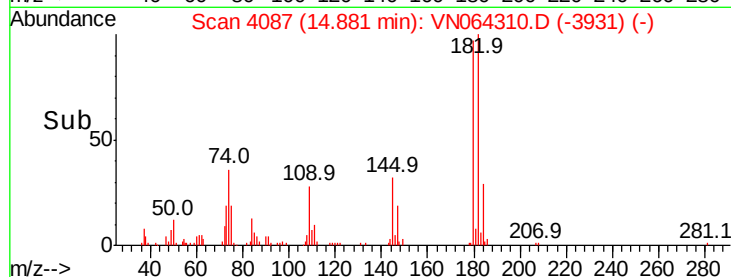
#89
 1,2,4-Trichlorobenzene
 Concen: 17.537 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN102620

Tot Ion:180 Resp: 59492
 Ion Ratio Lower Upper
 180 100
 182 95.8 76.6 114.8
 145 32.9 25.4 38.0

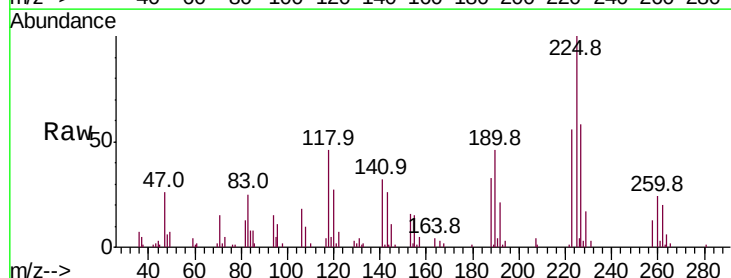


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

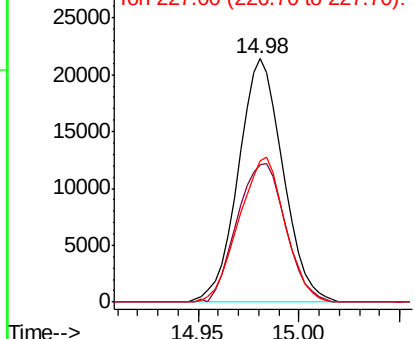
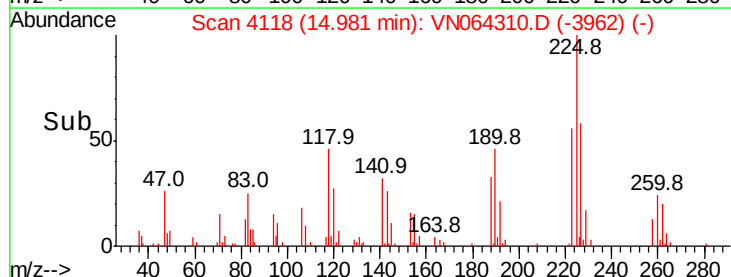


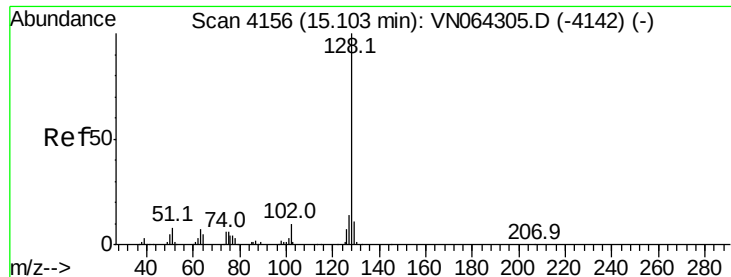
#90
 Hexachlorobutadiene
 Concen: 18.219 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064310.D
 Acq: 26 Oct 2020 18:17

Tgt Ion:225 Resp: 33265
 Ion Ratio Lower Upper
 225 100
 223 61.6 0.0 122.0
 227 61.3 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: 18.342 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

Instrument :

MSVOA_N

ClientSampleId :

ICVNN102620

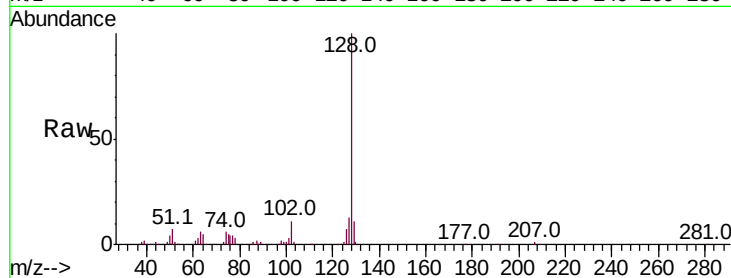
Tot Ion:128 Resp: 187834

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.4 8.8 13.2

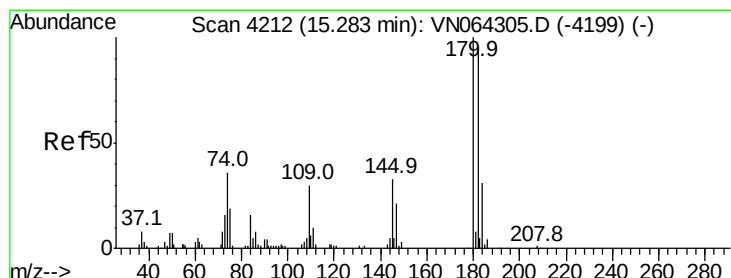
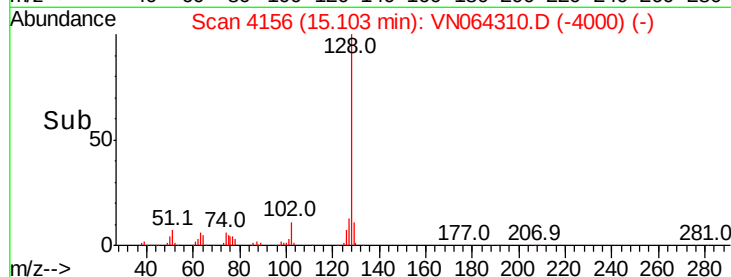
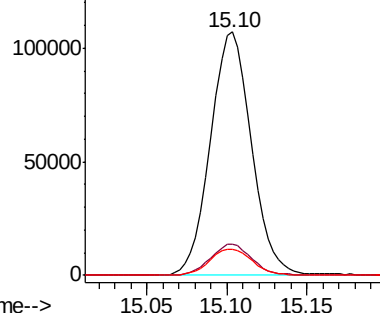


Abundance

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: 18.770 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064310.D

Acq: 26 Oct 2020 18:17

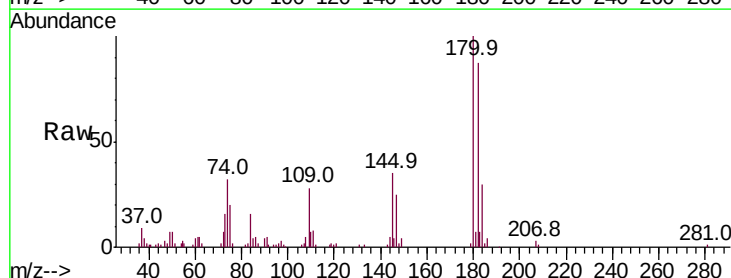
Tgt Ion:180 Resp: 61509

Ion Ratio Lower Upper

180 100

182 86.5 0.0 190.0

145 33.6 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

