

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064431.D
 Acq On : 4 Nov 2020 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Quant Time: Nov 05 00:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	340626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	592452	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563828	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	257360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	284789	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
35) Dibromofluoromethane	7.55	113	195164	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
50) Toluene-d8	10.06	98	765641	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.37	95	293730	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	221143	49.874	ug/l	99
3) Chloromethane	2.04	50	256426	47.611	ug/l	97
4) Vinyl Chloride	2.16	62	273166	49.391	ug/l	99
5) Bromomethane	2.53	94	178140	50.418	ug/l	97
6) Chloroethane	2.67	64	172967	48.847	ug/l	99
7) Trichlorofluoromethane	2.99	101	396332	48.666	ug/l	98
8) Diethyl Ether	3.37	74	142046	49.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	191624	49.549	ug/l	99
10) Methyl Iodide	3.90	142	220719	49.117	ug/l	99
11) Tert butyl alcohol	4.74	59	173260	264.799	ug/l	100
12) 1,1-Dichloroethene	3.69	96	180462	49.538	ug/l	98
13) Acrolein	3.56	56	104040	256.346	ug/l	95
14) Allyl chloride	4.27	41	360998	50.657	ug/l	98
15) Acrylonitrile	4.93	53	490075	269.026	ug/l	99
16) Acetone	3.78	43	558239	247.002	ug/l	99
17) Carbon Disulfide	4.00	76	543062	49.849	ug/l	99
18) Methyl Acetate	4.28	43	215558	48.514	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	669533	51.066	ug/l	99
20) Methylene Chloride	4.50	84	217903	48.594	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	212390	51.349	ug/l	99
22) Diisopropyl ether	5.90	45	775069	51.237	ug/l	98
23) Vinyl Acetate	5.84	43	3287007	267.106	ug/l	99
24) 1,1-Dichloroethane	5.79	63	413997	49.804	ug/l	99
25) 2-Butanone	6.78	43	768827	266.988	ug/l	99
26) 2,2-Dichloropropane	6.78	77	377449	50.160	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	243458	50.796	ug/l	98
28) Bromochloromethane	7.15	49	195560	47.862	ug/l	98
29) Tetrahydrofuran	7.16	42	464792	263.082	ug/l	100
30) Chloroform	7.33	83	432142	49.457	ug/l	96
31) Cyclohexane	7.61	56	349735	48.491	ug/l	100
32) 1,1,1-Trichloroethane	7.52	97	384580	49.624	ug/l	100
36) 1,1-Dichloropropene	7.75	75	327962	52.400	ug/l	99
37) Ethyl Acetate	6.88	43	309821	48.792	ug/l	99
38) Carbon Tetrachloride	7.73	117	331898	49.617	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064431.D
 Acq On : 4 Nov 2020 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Quant Time: Nov 05 00:43:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	291811	52.010	ug/l	98
40) Benzene	8.00	78	921788	50.120	ug/l	99
41) Methacrylonitrile	7.12	41	150552	54.256	ug/l	92
42) 1,2-Dichloroethane	8.08	62	374134	50.408	ug/l	100
43) Isopropyl Acetate	8.13	43	534757	52.722	ug/l	100
44) Trichloroethene	8.80	130	232597	50.126	ug/l	98
45) 1,2-Dichloropropane	9.08	63	250790	51.105	ug/l	98
46) Dibromomethane	9.17	93	164905	51.047	ug/l	99
47) Bromodichloromethane	9.37	83	349501	50.316	ug/l	98
48) Methyl methacrylate	9.16	41	273453	53.428	ug/l	99
49) 1,4-Dioxane	9.16	88	73999	1097.686	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1594073	269.492	ug/l	100
52) Toluene	10.12	92	584804	52.134	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	392374	53.282	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	418473	53.150	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	220581	50.422	ug/l	98
56) Ethyl methacrylate	10.40	69	351040	48.816	ug/l	99
57) 1,3-Dichloropropane	10.68	76	398144	52.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	987799	286.956	ug/l	99
59) 2-Hexanone	10.72	43	1189045	246.572	ug/l	99
60) Dibromochloromethane	10.87	129	254605	51.982	ug/l	98
61) 1,2-Dibromoethane	10.97	107	232433	52.381	ug/l	100
64) Tetrachloroethene	10.60	164	209907	48.330	ug/l	97
65) Chlorobenzene	11.40	112	620497	50.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	230574	50.003	ug/l	97
67) Ethyl Benzene	11.48	91	1148075	52.219	ug/l	99
68) m/p-Xylenes	11.59	106	852228	106.884	ug/l	99
69) o-Xylene	11.92	106	399621	51.866	ug/l	96
70) Styrene	11.94	104	694442	53.562	ug/l	100
71) Bromoform	12.10	173	164071	47.453	ug/l #	99
73) Isopropylbenzene	12.22	105	1064766	52.052	ug/l	99
74) N-amyl acetate	12.04	43	495040	49.900	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	310775	49.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	449324	72.058	ug/l #	100
77) Bromobenzene	12.50	156	246661	49.390	ug/l	98
78) n-propylbenzene	12.56	91	1220595	52.339	ug/l	100
79) 2-Chlorotoluene	12.65	91	762502	51.551	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	887799	52.609	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	115193	51.580	ug/l	98
82) 4-Chlorotoluene	12.75	91	815814	52.666	ug/l	99
83) tert-Butylbenzene	12.97	119	698479	52.996	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	892296	52.598	ug/l	100
85) sec-Butylbenzene	13.14	105	892436	53.465	ug/l	99
86) p-Isopropyltoluene	13.26	119	812287	54.101	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	441767	51.172	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	443136	49.670	ug/l	98
89) n-Butylbenzene	13.59	91	693777	53.743	ug/l	99
90) Hexachloroethane	13.85	117	147960	51.086	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	432592	52.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	67265	53.772	ug/l	98

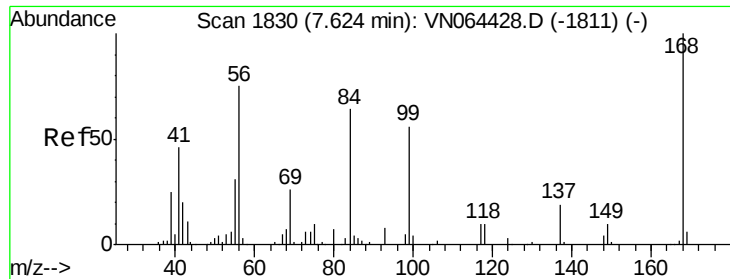
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
Data File : VN064431.D
Acq On : 4 Nov 2020 12:47
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Quant Time: Nov 05 00:43:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	193673	47.063	ug/l	100
94) Hexachlorobutadiene	14.98	225	81728	48.339	ug/l	100
95) Naphthalene	15.10	128	611921	43.833	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	180918	45.544	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

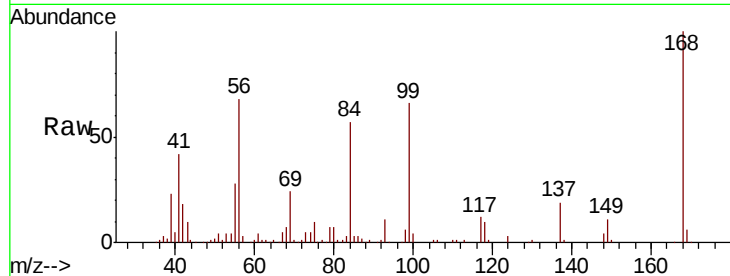
ICVVN110420

Tot Ion:168 Resp: 340626

Ion Ratio Lower Upper

168 100

99 66.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.62

150000

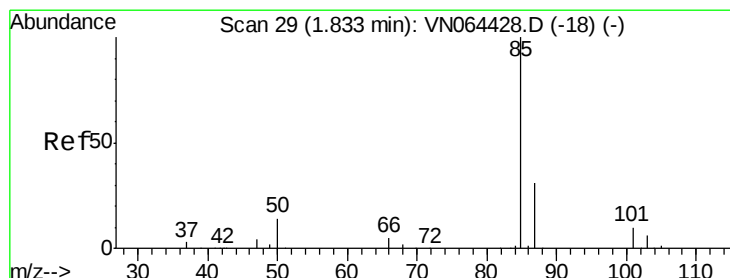
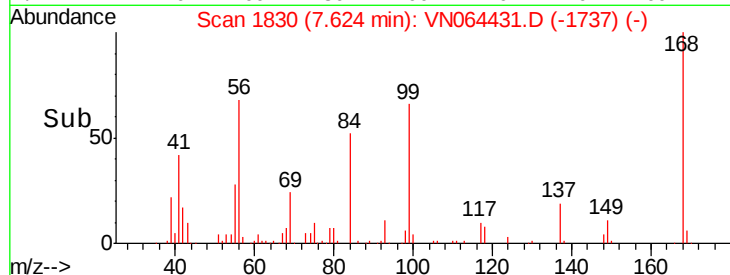
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 49.874 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064431.D

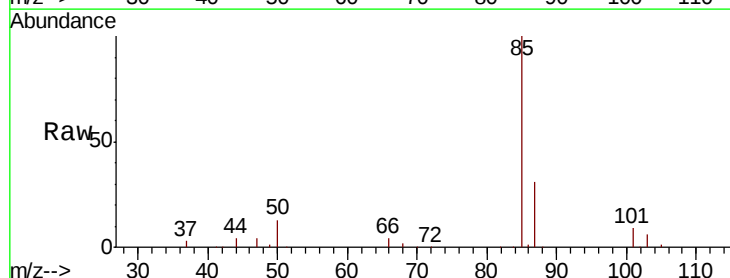
Acq: 4 Nov 2020 12:47

Tgt Ion: 85 Resp: 221143

Ion Ratio Lower Upper

85 100

87 31.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

150000

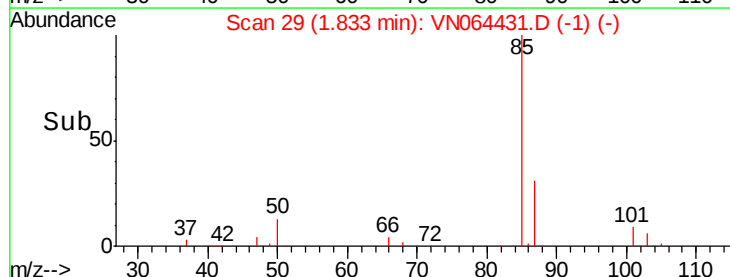
100000

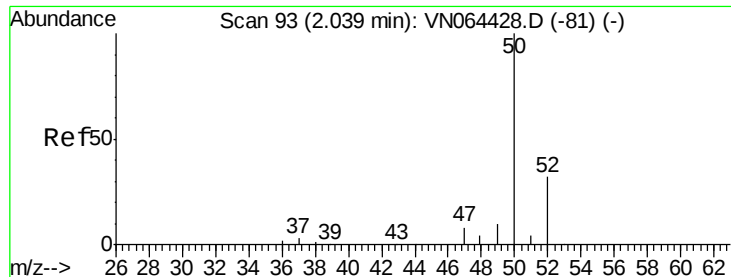
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 47.611 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

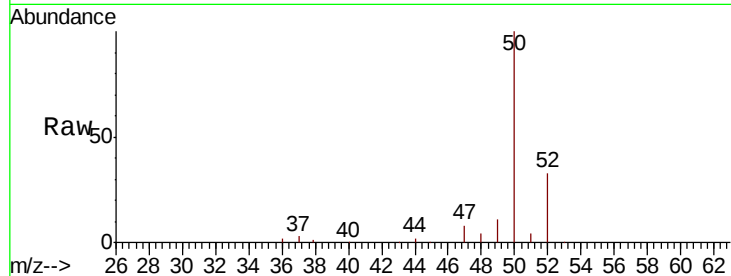
ICVVN110420

Tot Ion: 50 Resp: 256426

Ion Ratio Lower Upper

50 100

52 33.1 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

200000

150000

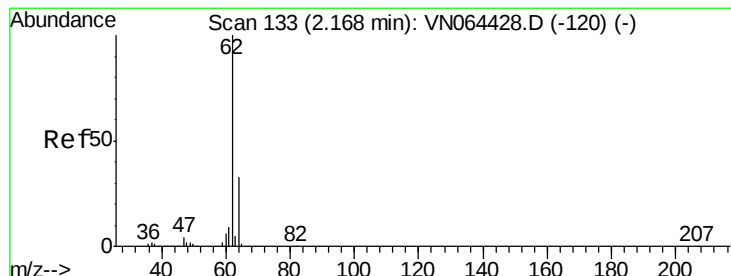
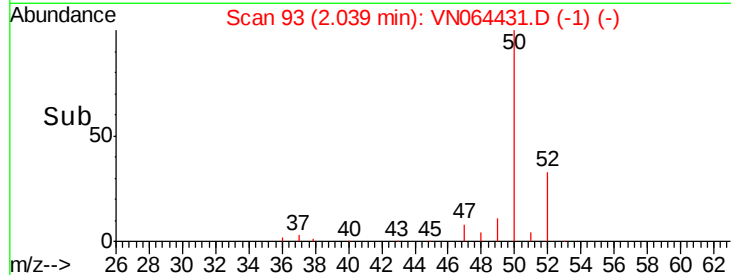
100000

50000

0

Time-->

2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 49.391 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064431.D

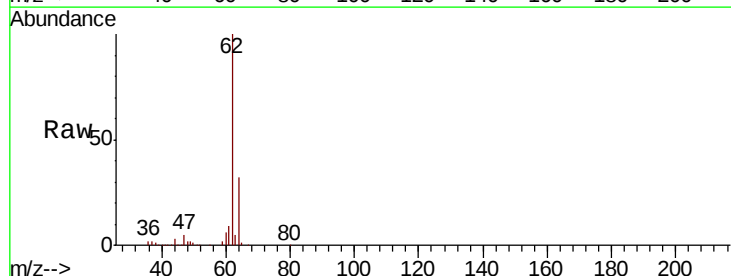
Acq: 4 Nov 2020 12:47

Tgt Ion: 62 Resp: 273166

Ion Ratio Lower Upper

62 100

64 32.4 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

200000

150000

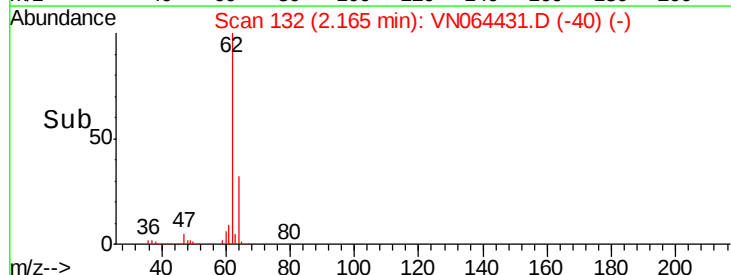
100000

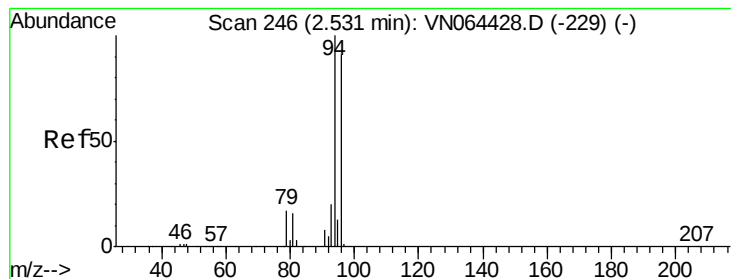
50000

0

Time-->

2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 50.418 ug/l

RT: 2.53 min Scan# 245

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

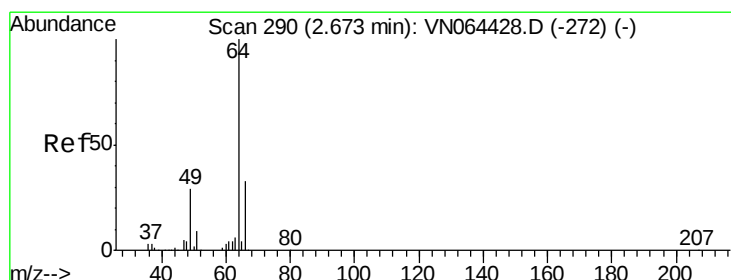
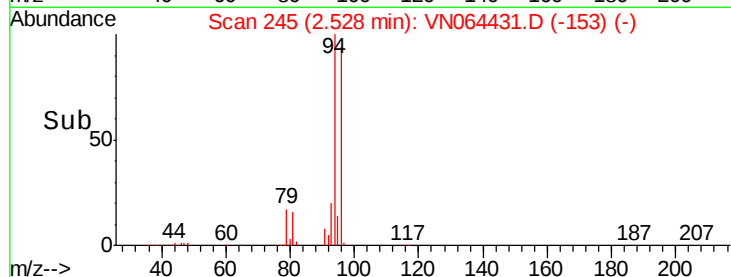
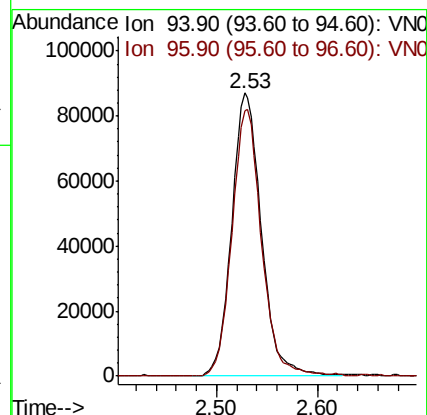
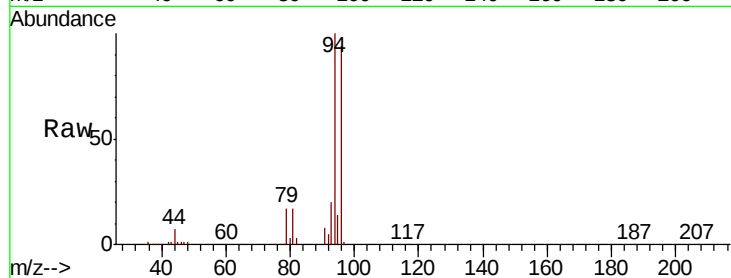
ICVVN110420

Tot Ion: 94 Resp: 178140

Ion Ratio Lower Upper

94 100

96 93.8 73.1 109.7



#6

Chloroethane

Concen: 48.847 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064431.D

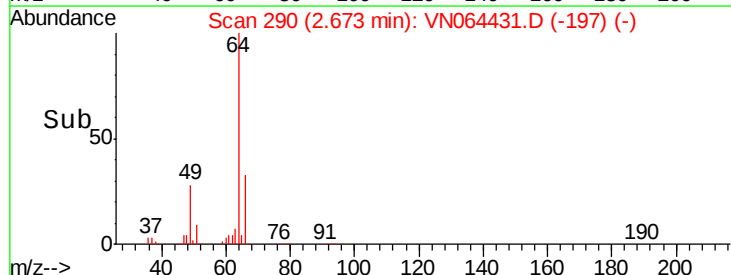
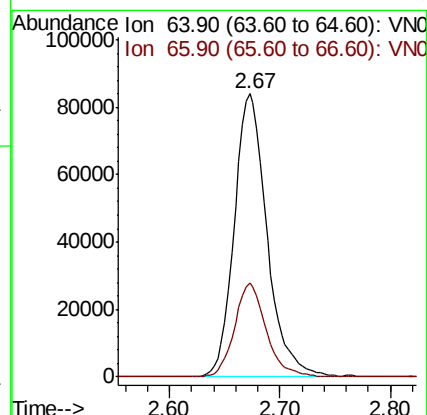
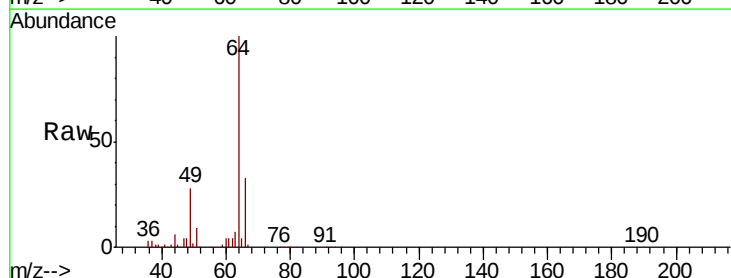
Acq: 4 Nov 2020 12:47

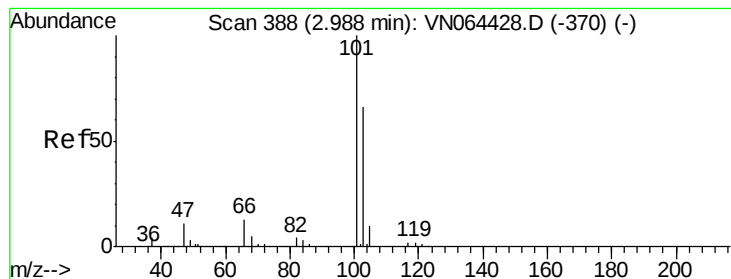
Tgt Ion: 64 Resp: 172967

Ion Ratio Lower Upper

64 100

66 33.0 26.1 39.1



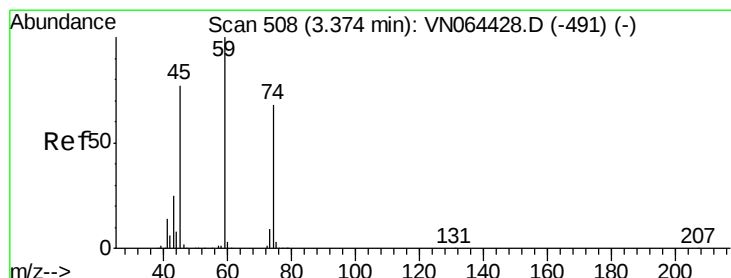
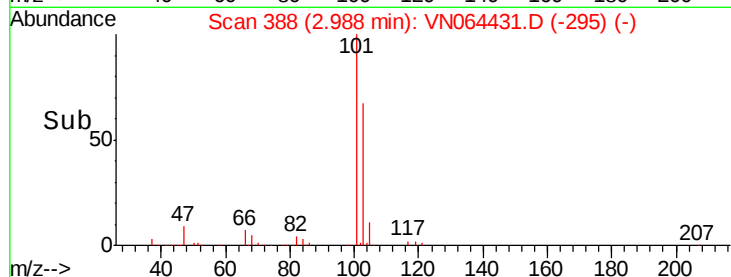
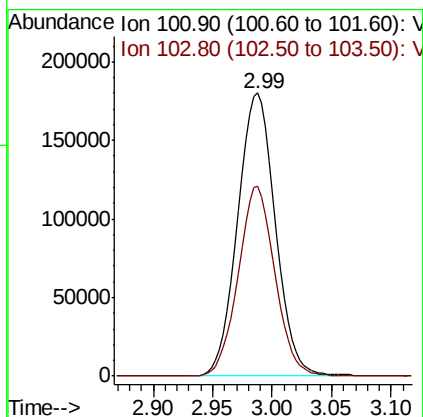
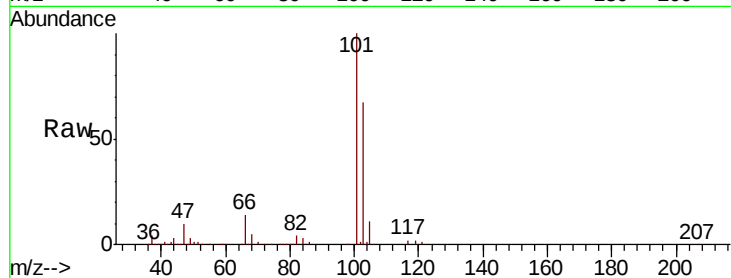


#7

Trichlorofluoromethane
 Concen: 48.666 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

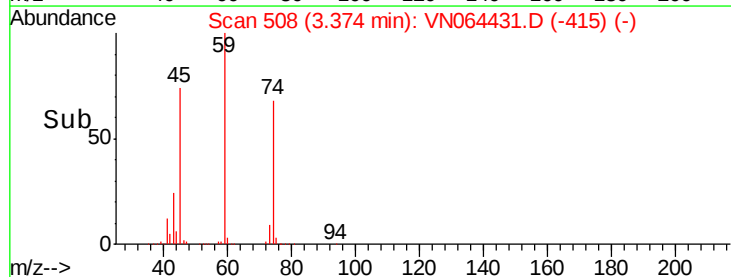
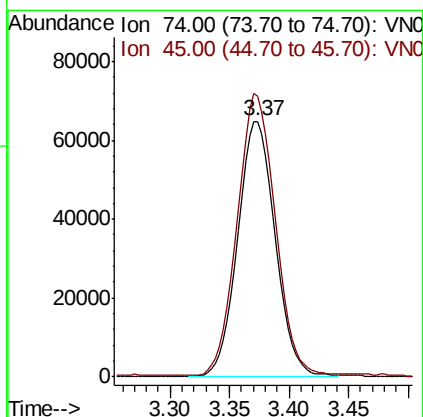
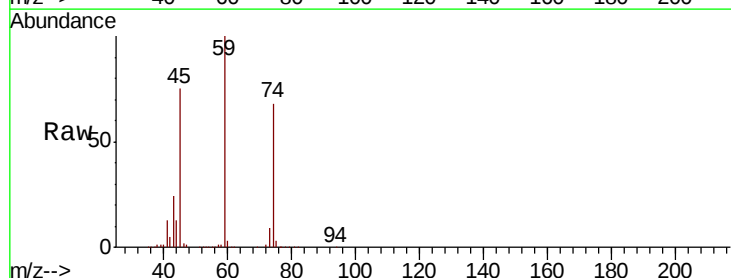
Tot Ion:101 Resp: 396332
 Ion Ratio Lower Upper
 101 100
 103 67.0 52.4 78.6

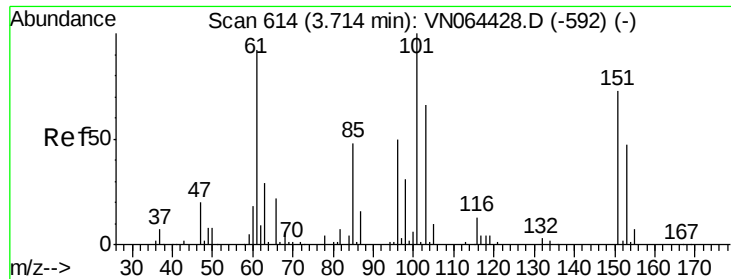


#8

Diethyl Ether
 Concen: 49.391 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 74 Resp: 142046
 Ion Ratio Lower Upper
 74 100
 45 111.1 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.549 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

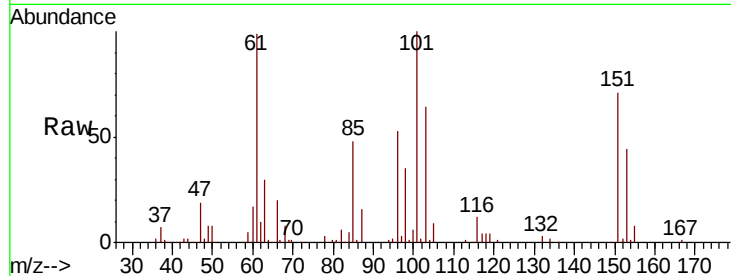
Tot Ion:101 Resp: 191624

Ion Ratio Lower Upper

101 100

85 47.6 38.6 57.8

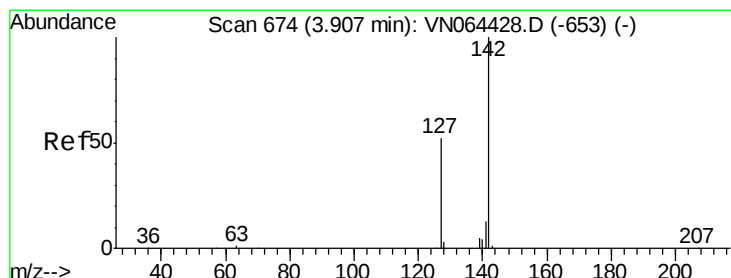
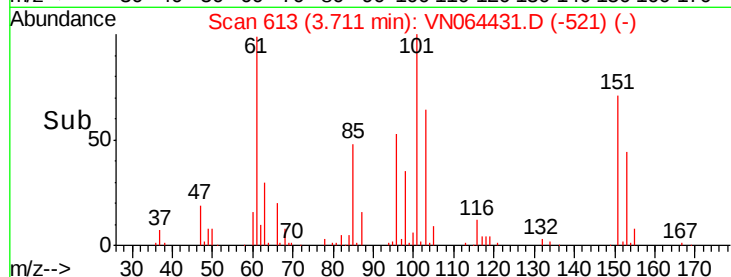
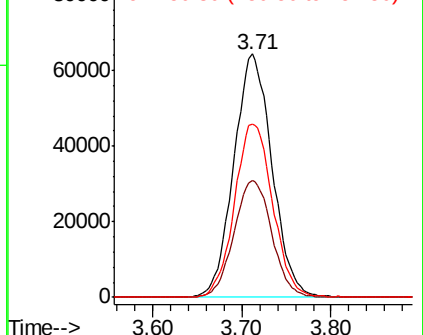
151 71.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.117 ug/l

RT: 3.90 min Scan# 673

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

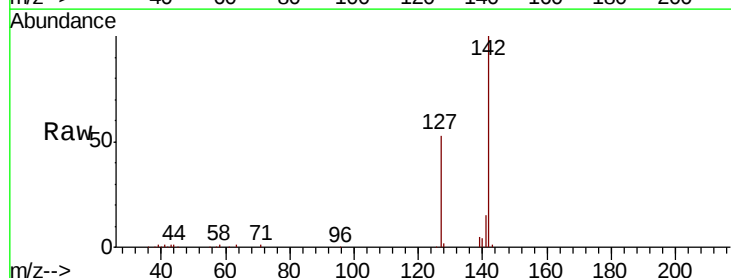
Tgt Ion:142 Resp: 220719

Ion Ratio Lower Upper

142 100

127 51.2 41.8 62.8

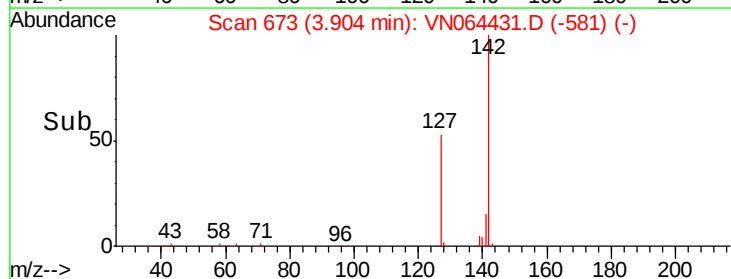
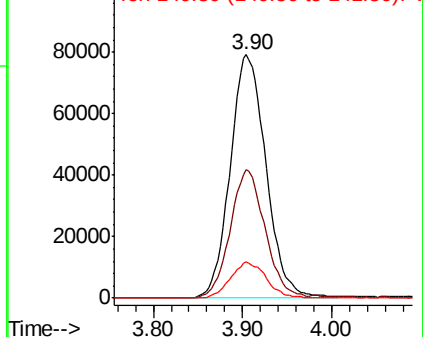
141 14.8 11.4 17.2

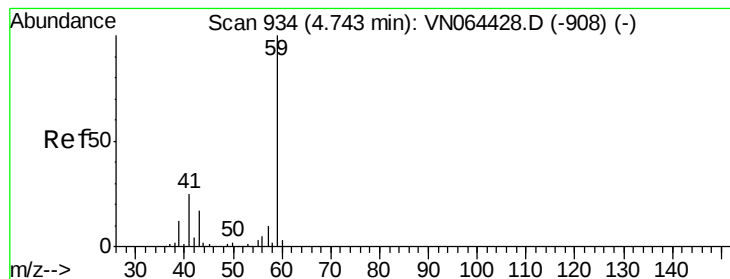


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



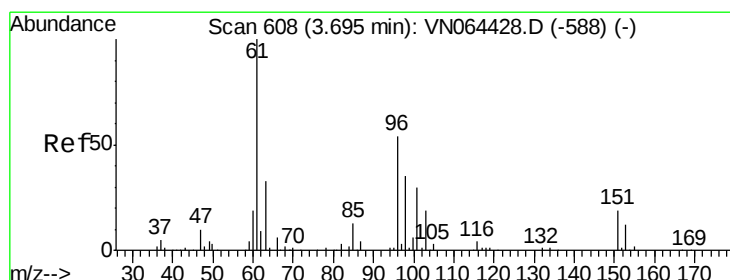
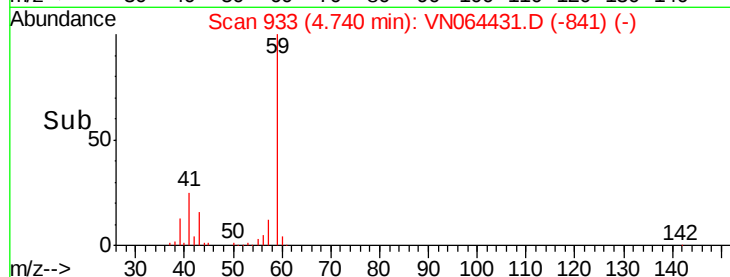
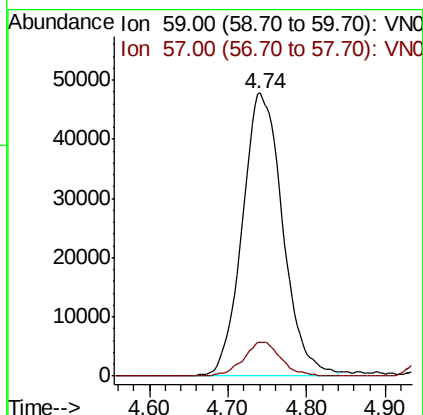
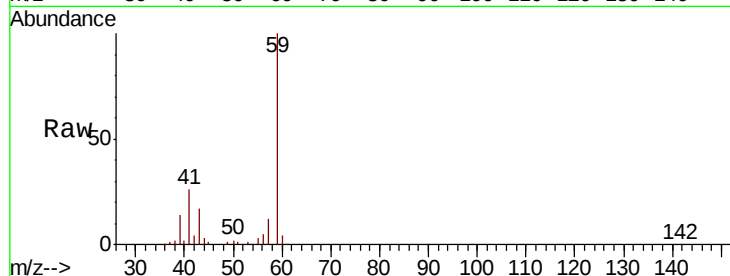


#11

Tert butyl alcohol
 Concen: 264.799 ug/l
 RT: 4.74 min Scan# 933
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

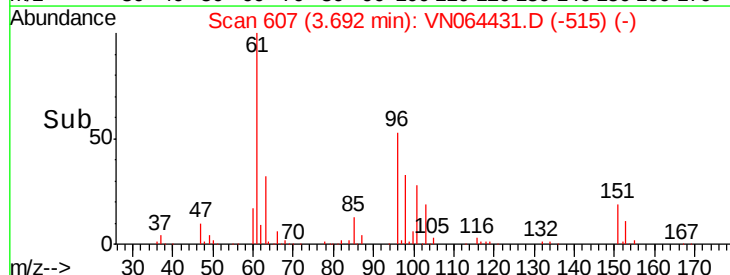
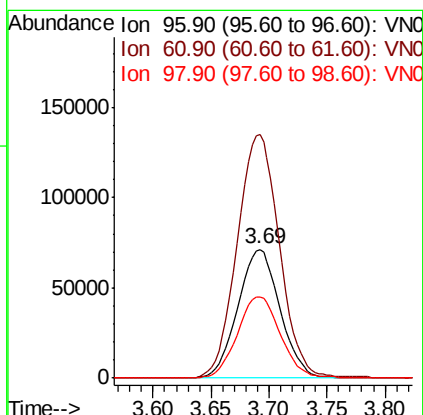
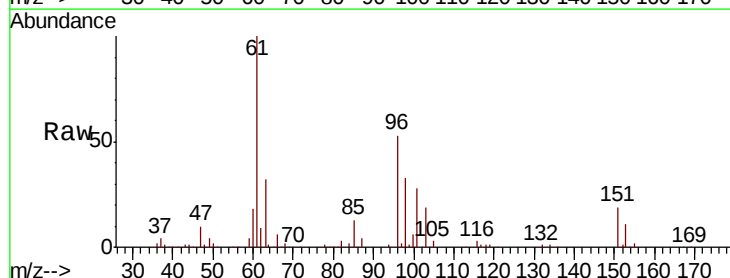
Tot Ion: 59 Resp: 173260
 Ion Ratio Lower Upper
 59 100
 57 11.2 9.0 13.4

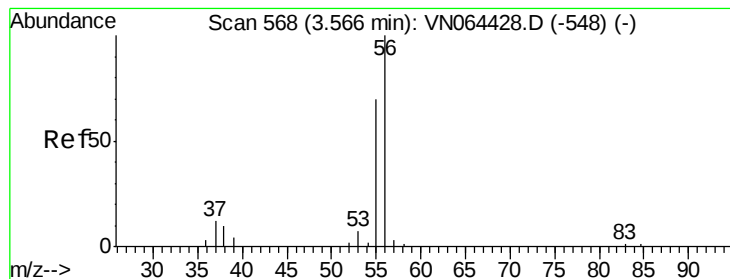


#12

1,1-Dichloroethene
 Concen: 49.538 ug/l
 RT: 3.69 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 96 Resp: 180462
 Ion Ratio Lower Upper
 96 100
 61 189.2 149.5 224.3
 98 63.3 52.4 78.6





#13

Acrolein

Concen: 256.346 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

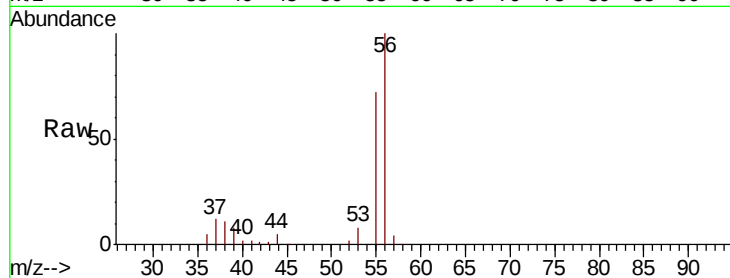
ICVVN110420

Tot Ion: 56 Resp: 104040

Ion Ratio Lower Upper

56 100

55 74.3 55.9 83.9

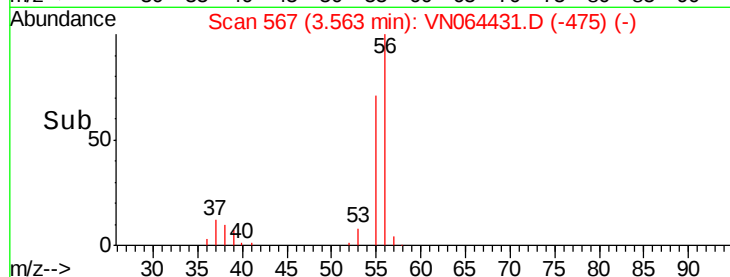


Abundance Ion 56.00 (55.70 to 56.70): VN064428.D (-548) (-)

Ion 55.00 (54.70 to 55.70): VN064428.D (-548) (-)

3.56

Time-->

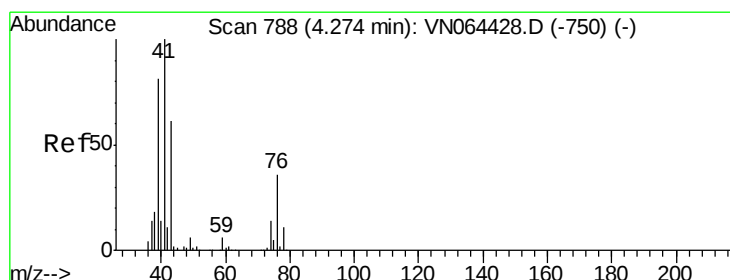


Abundance Ion 56.00 (55.70 to 56.70): VN064431.D (-475) (-)

Ion 55.00 (54.70 to 55.70): VN064431.D (-475) (-)

3.56

Time-->



#14

Allyl chloride

Concen: 50.657 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

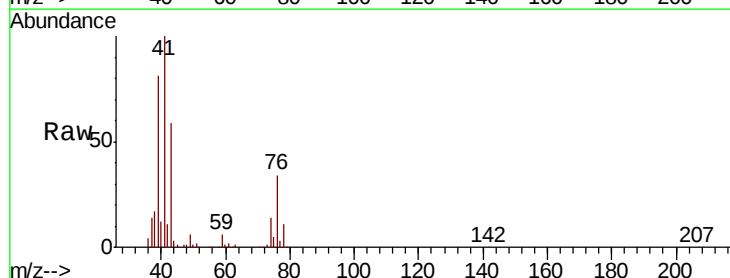
Tgt Ion: 41 Resp: 360998

Ion Ratio Lower Upper

41 100

39 75.6 61.8 92.8

76 30.7 25.4 38.0



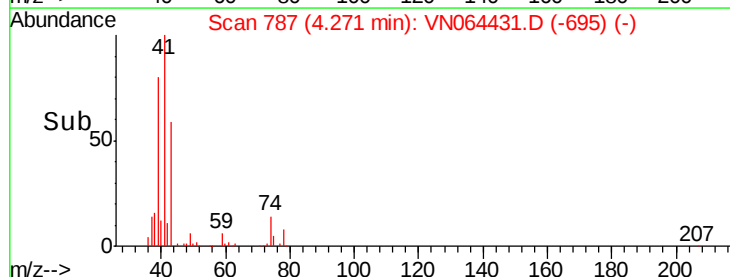
Abundance Ion 41.00 (40.70 to 41.70): VN064428.D (-750) (-)

Ion 39.00 (38.70 to 39.70): VN064428.D (-750) (-)

Ion 75.90 (75.60 to 76.60): VN064428.D (-750) (-)

4.27

Time-->



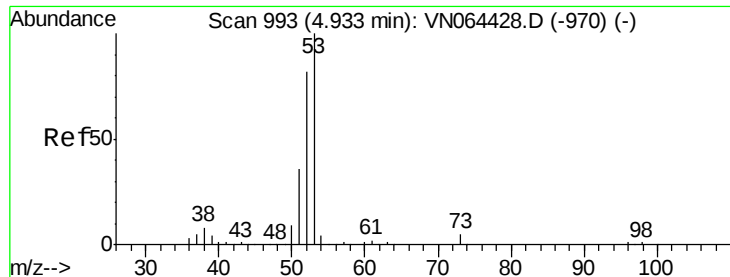
Abundance Ion 41.00 (40.70 to 41.70): VN064431.D (-695) (-)

Ion 39.00 (38.70 to 39.70): VN064431.D (-695) (-)

Ion 75.90 (75.60 to 76.60): VN064431.D (-695) (-)

4.27

Time-->



#15

Acrylonitrile

Concen: 269.026 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.01 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110420

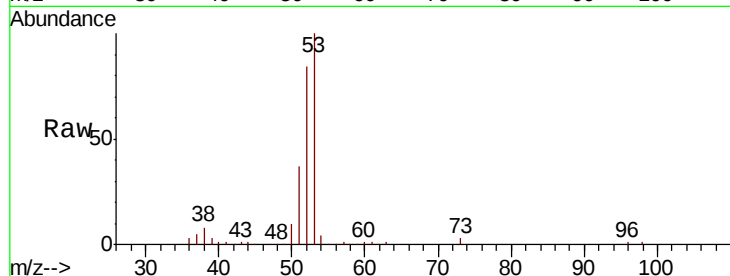
Tot Ion: 53 Resp: 490075

Ion Ratio Lower Upper

53 100

52 82.5 65.6 98.4

51 37.9 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064428.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN064428.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN064428.D (-970) (-)

4.93

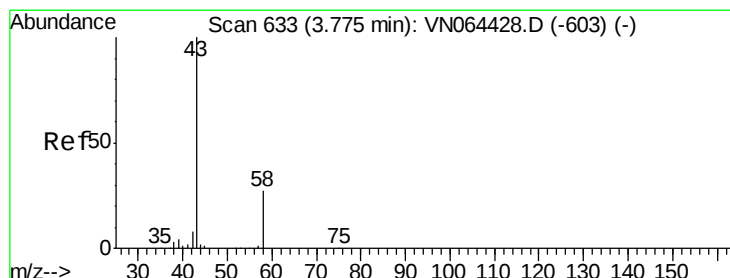
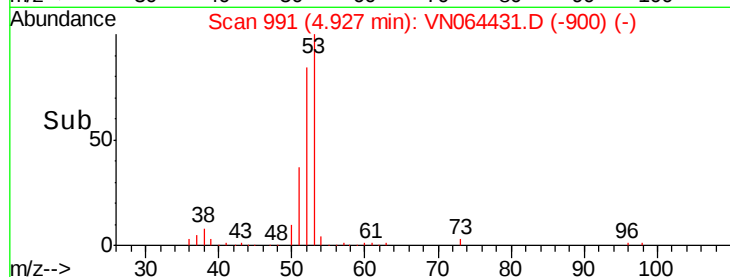
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 247.002 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064431.D

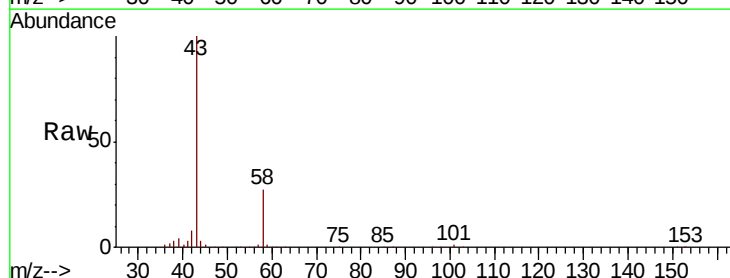
Acq: 4 Nov 2020 12:47

Tgt Ion: 43 Resp: 558239

Ion Ratio Lower Upper

43 100

58 27.5 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-603) (-)

3.78

250000

200000

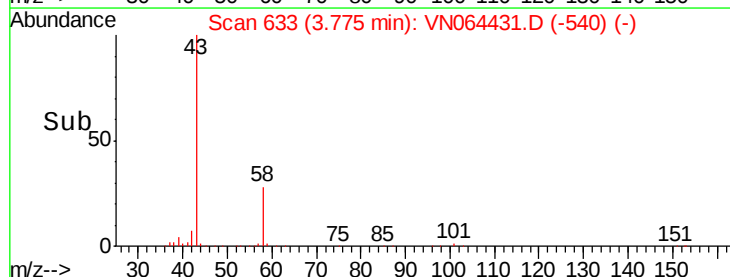
150000

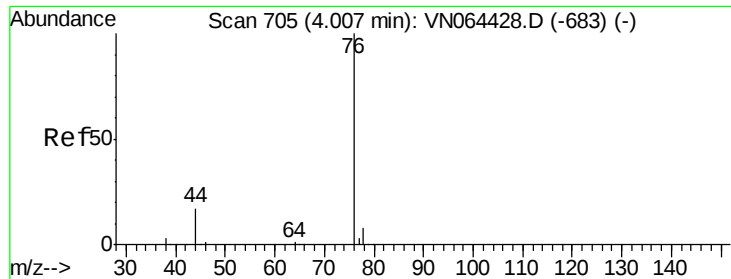
100000

50000

0

Time-->

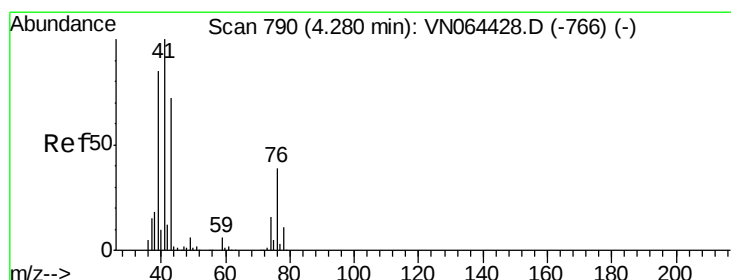
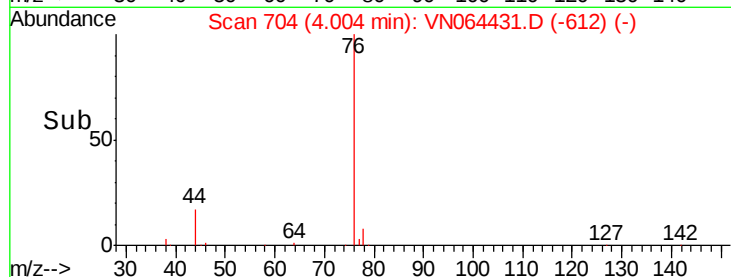
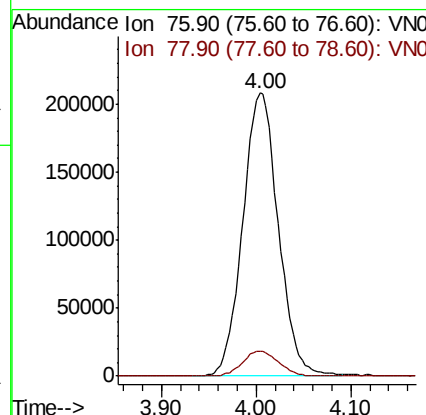
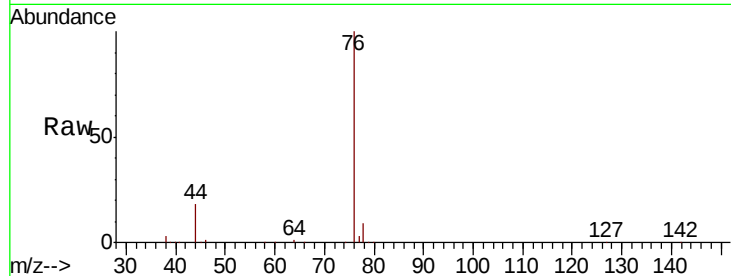




#17
Carbon Disulfide
Concen: 49.849 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

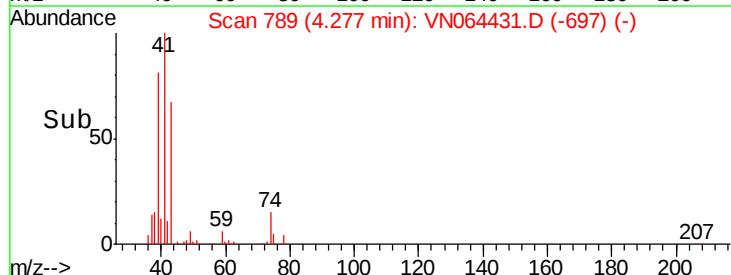
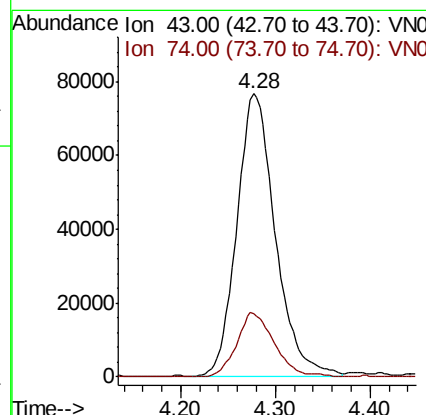
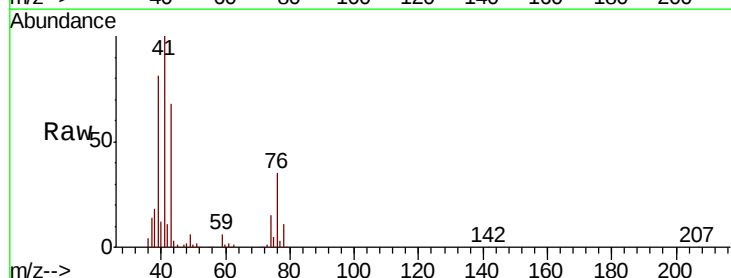
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

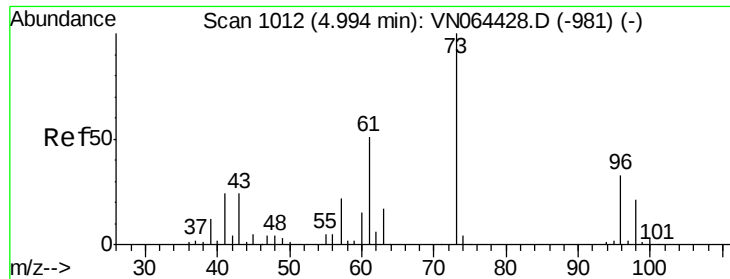
Tot Ion: 76 Resp: 543062
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 48.514 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 43 Resp: 215558
Ion Ratio Lower Upper
43 100
74 22.1 17.0 25.4

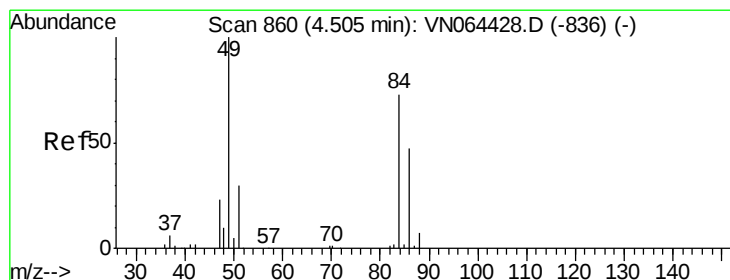
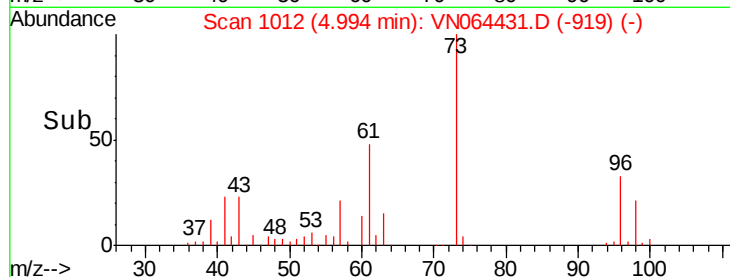
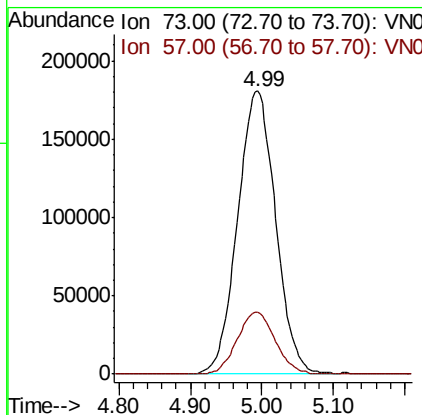
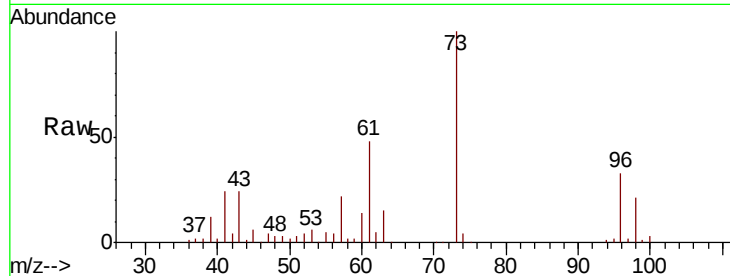




#19
Methvl tert-butvl Ether
Concen: 51.066 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

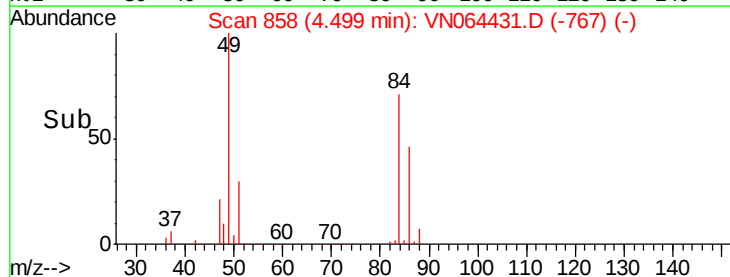
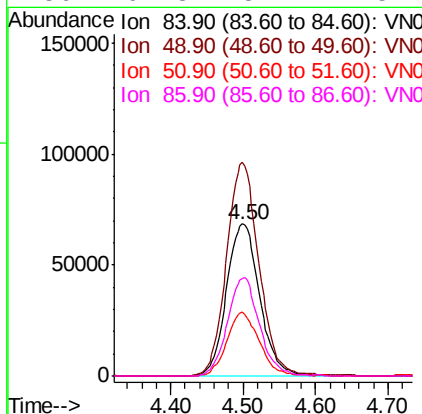
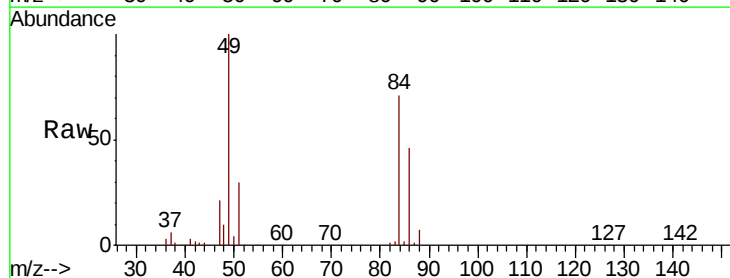
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

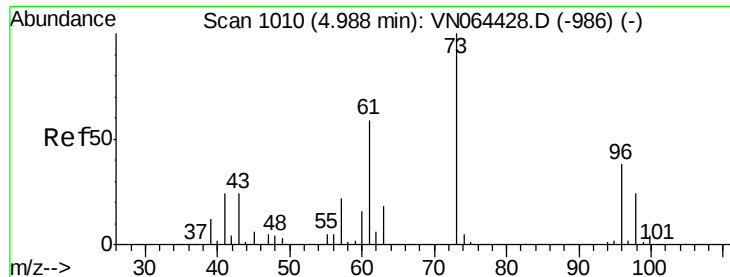
Tot Ion: 73 Resp: 669533
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 48.594 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 84 Resp: 217903
Ion Ratio Lower Upper
84 100
49 140.4 110.1 165.1
51 41.7 33.6 50.4
86 64.3 52.1 78.1

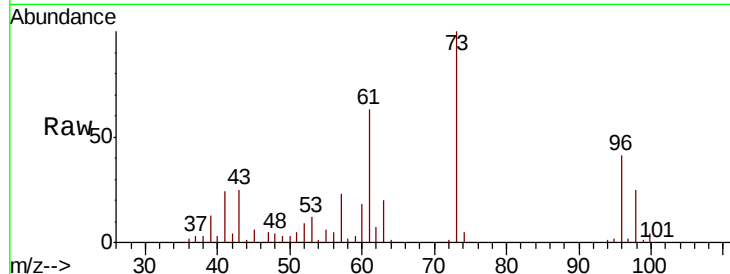




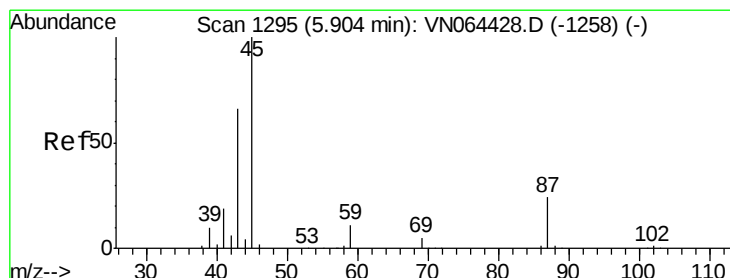
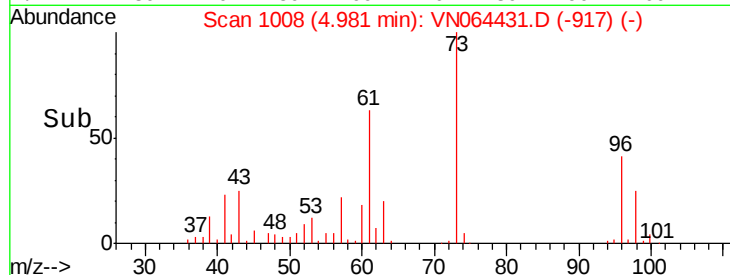
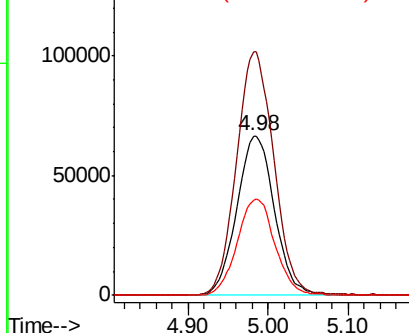
#21
trans-1,2-Dichloroethene
Concen: 51.349 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
ICVVN110420

Tot Ion	Ratio	Lower	Upper
96	100		
61	152.7	122.4	183.6
98	59.7	50.4	75.6



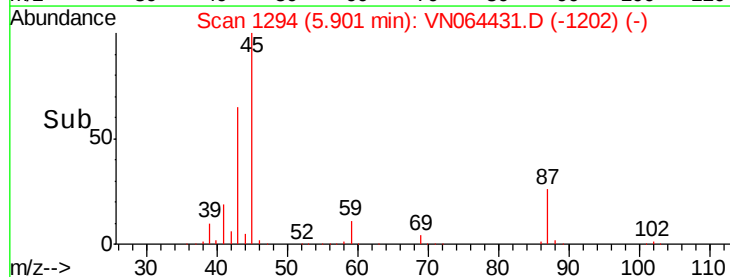
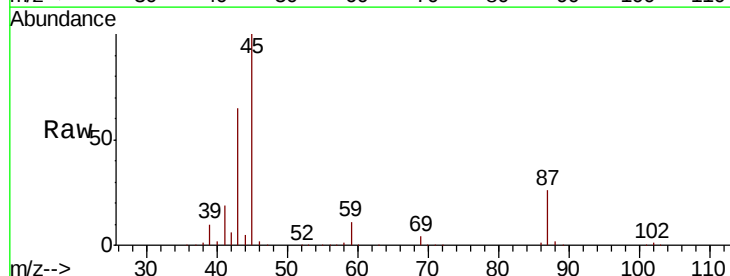
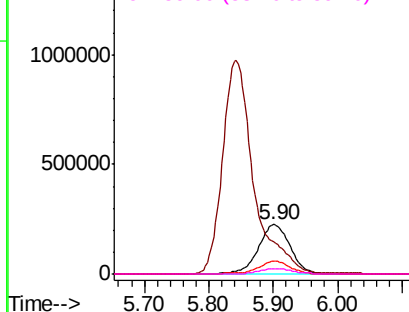
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

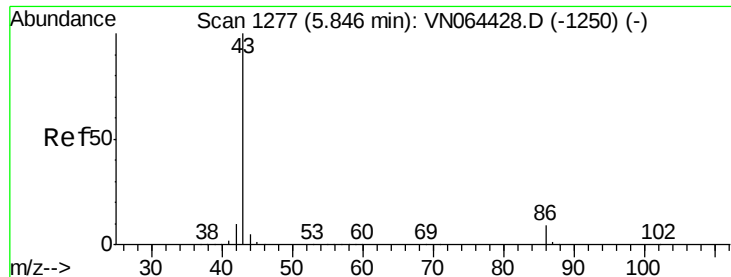


#22
Diisopropyl ether
Concen: 51.237 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.9	53.2	79.8
87	25.9	19.9	29.9
59	10.5	8.6	13.0

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





#23

Vinyl Acetate

Concen: 267.106 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

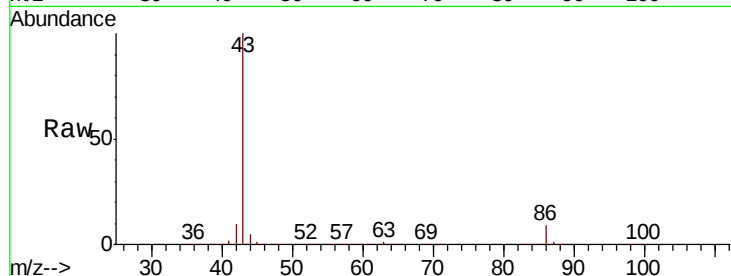
ICVFN110420

Tot Ion: 43 Resp: 3287007

Ion Ratio Lower Upper

43 100

86 8.8 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1250) (-)

Ion 86.00 (85.70 to 86.70): VN064428.D (-1250) (-)

5.84

1000000

800000

600000

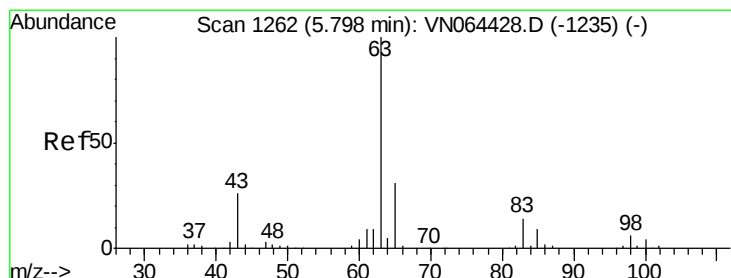
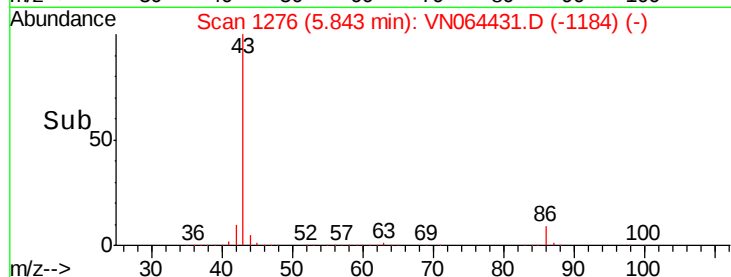
400000

200000

0

5.70 5.80 5.90 6.00 6.10

Time-->



#24

1,1-Dichloroethane

Concen: 49.804 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

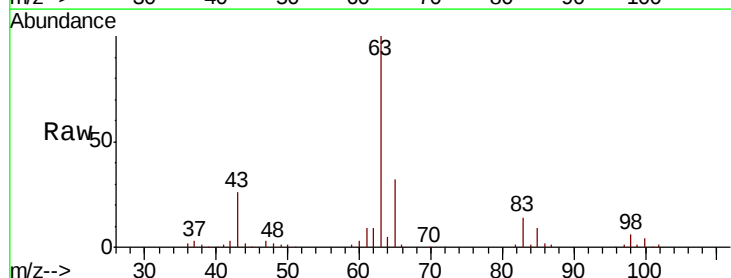
Tgt Ion: 63 Resp: 413997

Ion Ratio Lower Upper

63 100

98 5.5 3.0 9.2

100 3.8 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-1235) (-)

Ion 97.90 (97.60 to 98.60): VN064428.D (-1235) (-)

Ion 99.90 (99.60 to 100.60): VN064428.D (-1235) (-)

5.79

150000

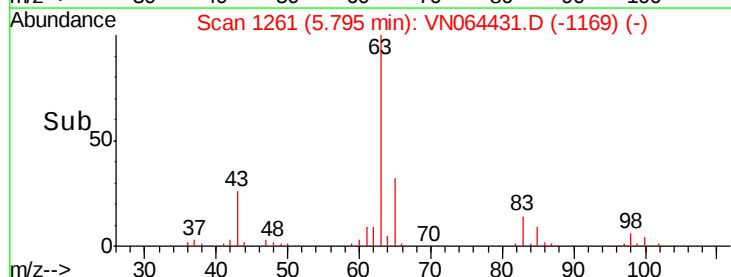
100000

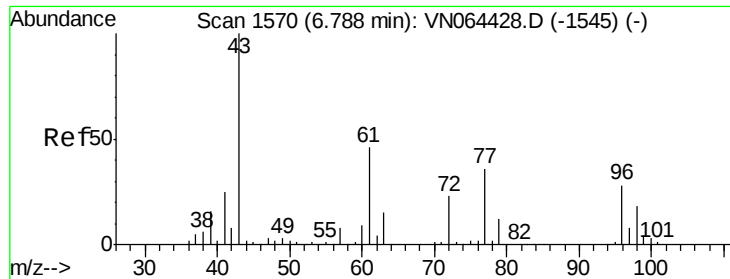
50000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 266.988 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

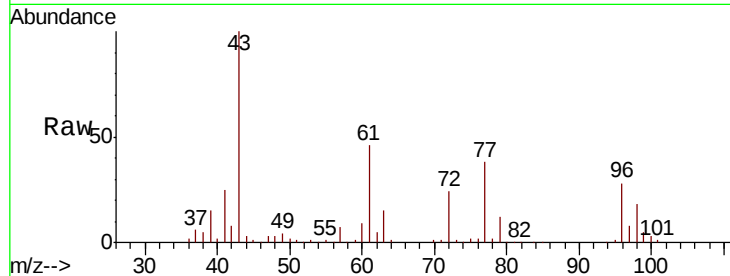
ICVVN110420

Tot Ion: 43 Resp: 768827

Ion Ratio Lower Upper

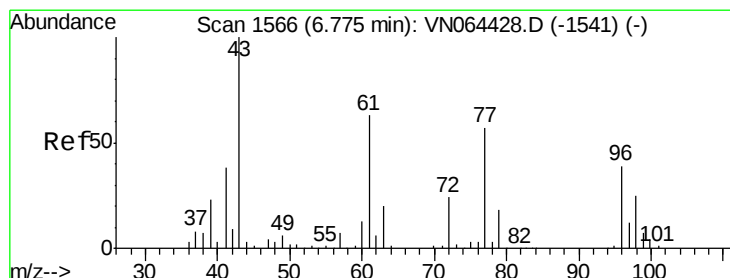
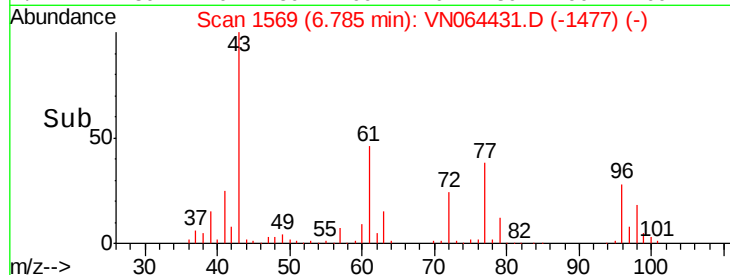
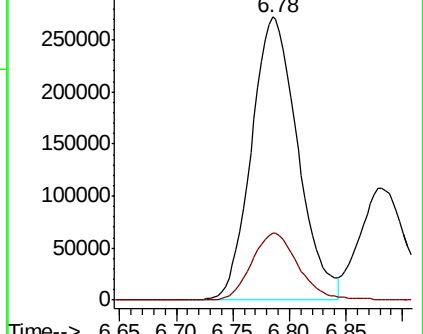
43 100

72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 50.160 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064431.D

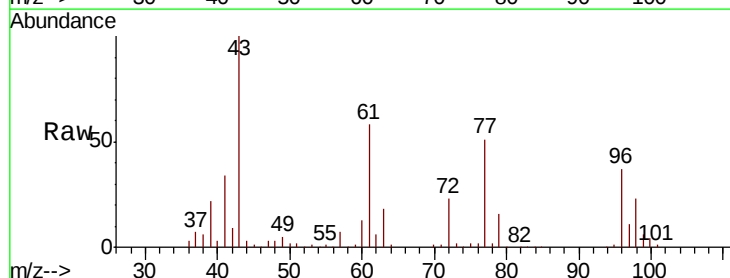
Acq: 4 Nov 2020 12:47

Tgt Ion: 77 Resp: 377449

Ion Ratio Lower Upper

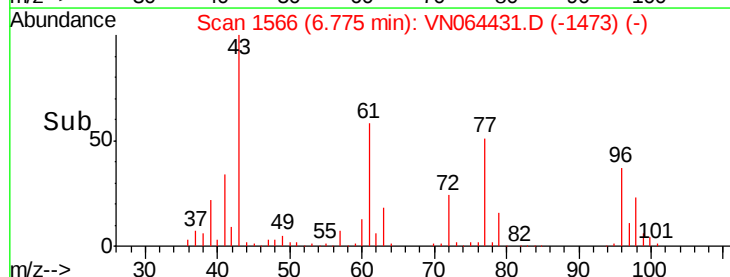
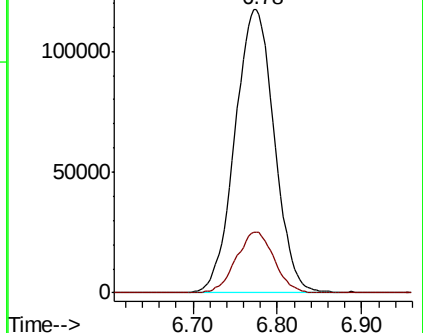
77 100

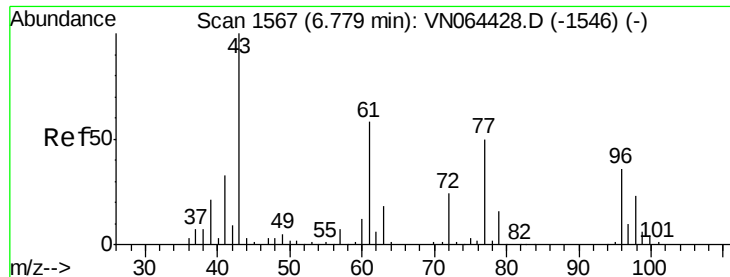
97 20.9 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 50.796 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

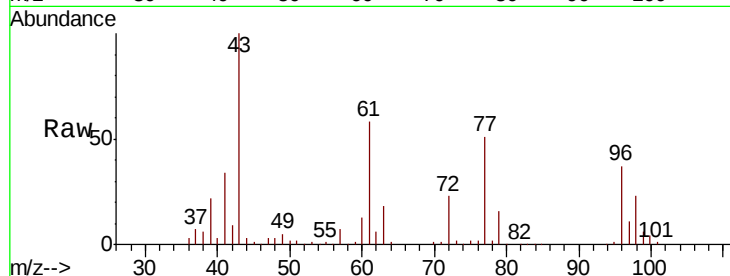
Tot Ion: 96 Resp: 243458

Ion Ratio Lower Upper

96 100

61 162.7 0.0 329.6

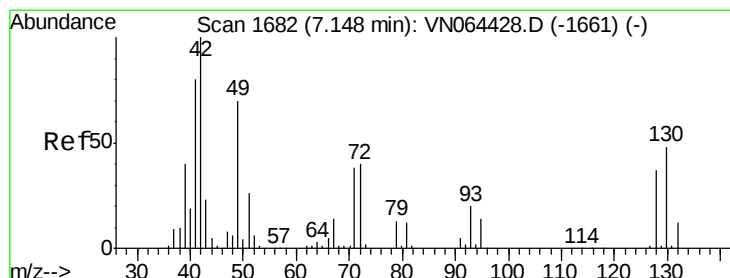
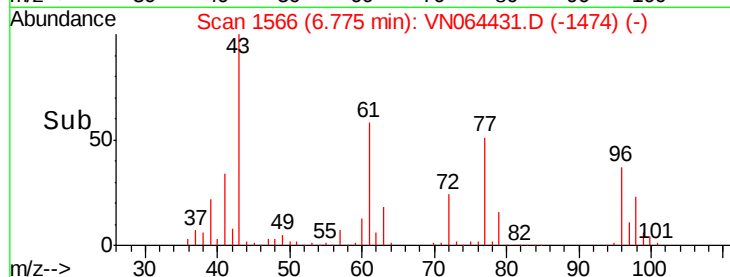
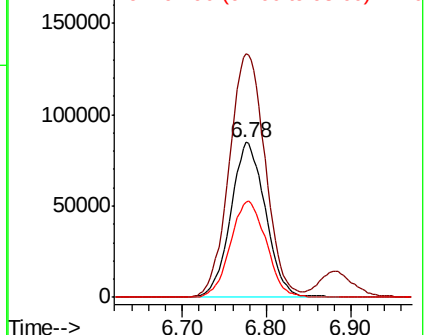
98 63.9 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.862 ug/l

RT: 7.15 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

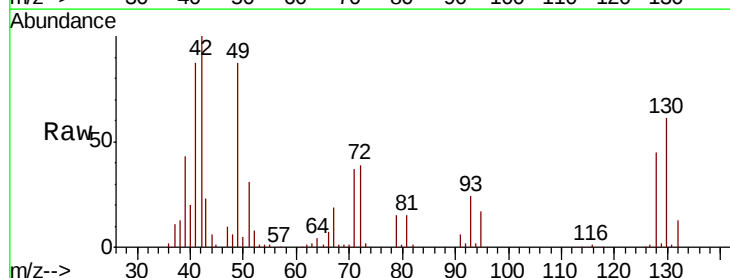
Tgt Ion: 49 Resp: 195560

Ion Ratio Lower Upper

49 100

129 1.3 0.0 3.6

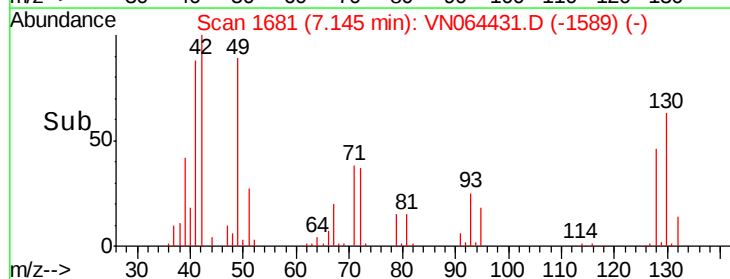
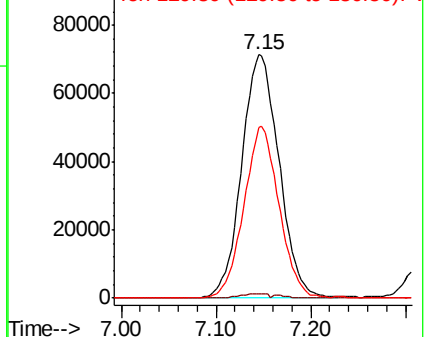
130 66.4 54.2 81.4

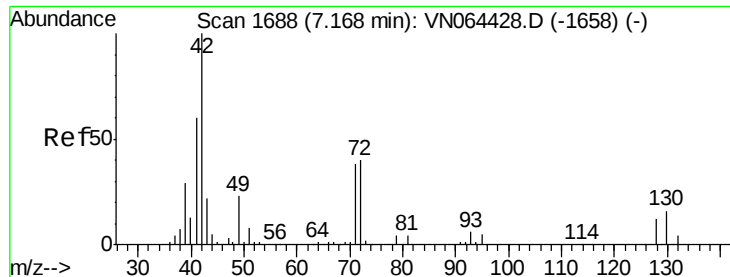


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

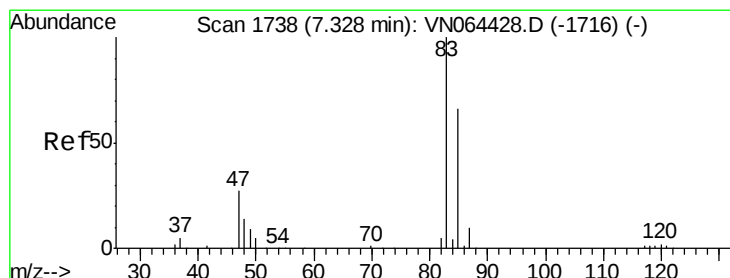
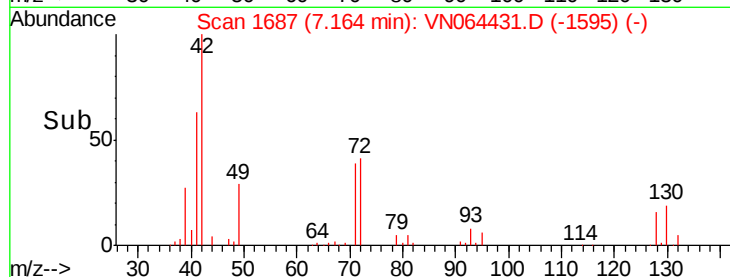
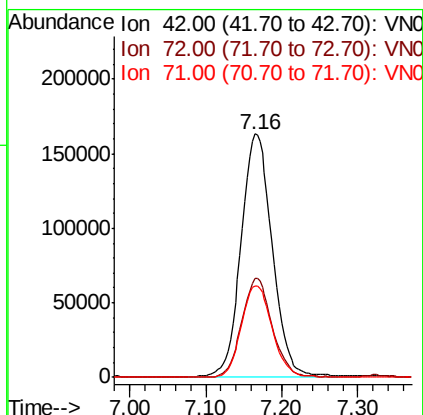
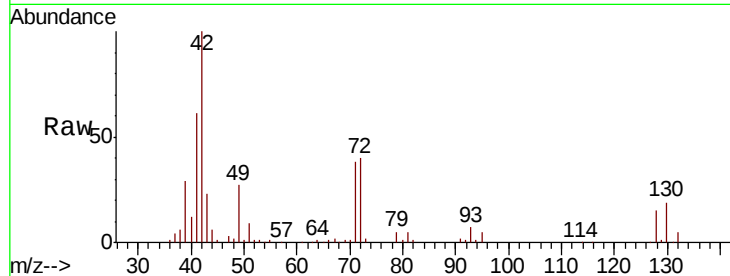




#29
Tetrahydrofuran
Concen: 263.082 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

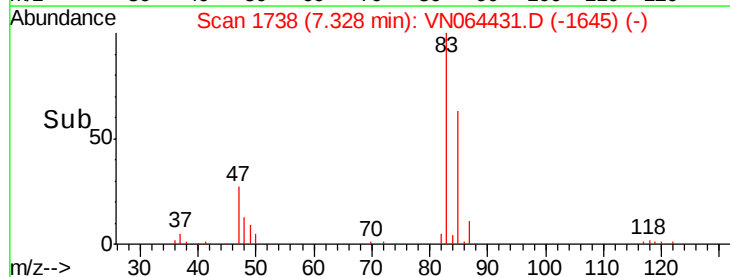
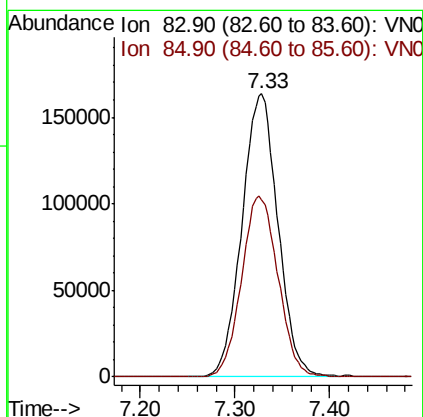
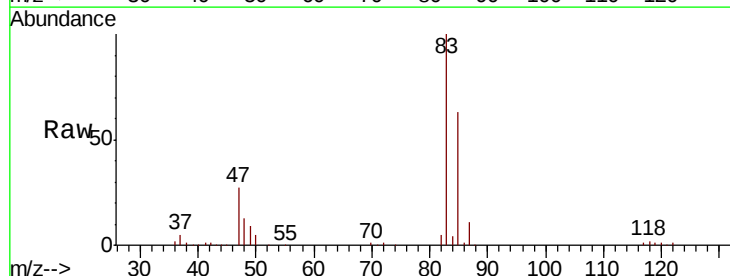
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

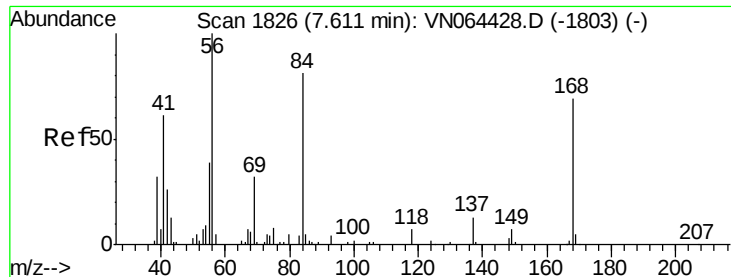
Tot Ion: 42 Resp: 464792
Ion Ratio Lower Upper
42 100
72 39.6 31.7 47.5
71 37.4 29.8 44.6



#30
Chloroform
Concen: 49.457 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 83 Resp: 432142
Ion Ratio Lower Upper
83 100
85 62.8 52.5 78.7

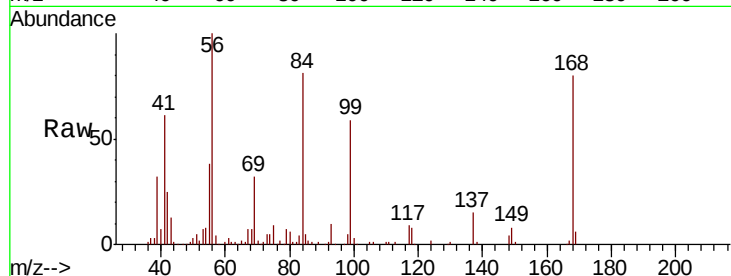




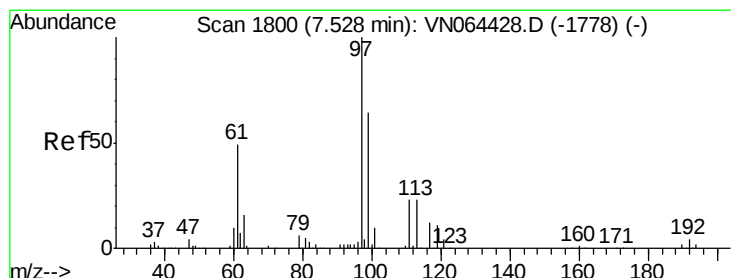
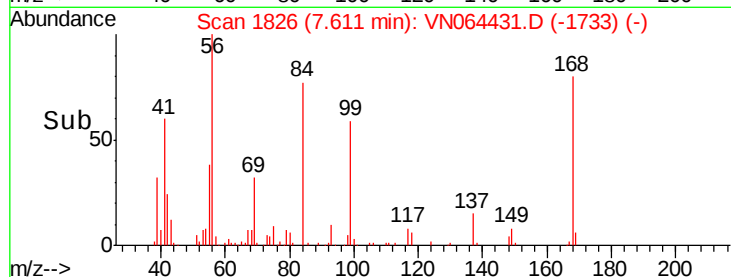
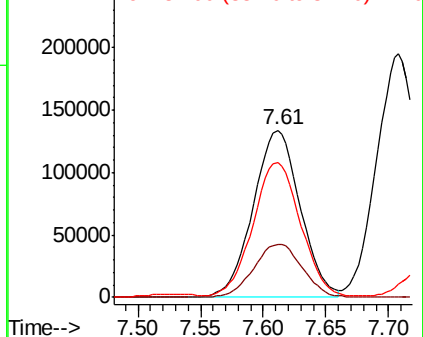
#31
Cyclohexane
Concen: 48.491 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 56 Resp: 349735
Ion Ratio Lower Upper
56 100
69 31.5 25.6 38.4
84 79.0 63.0 94.6

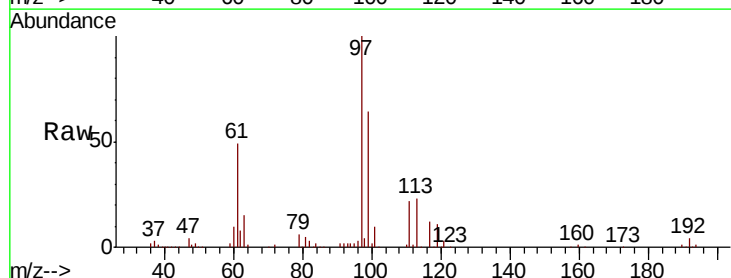


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

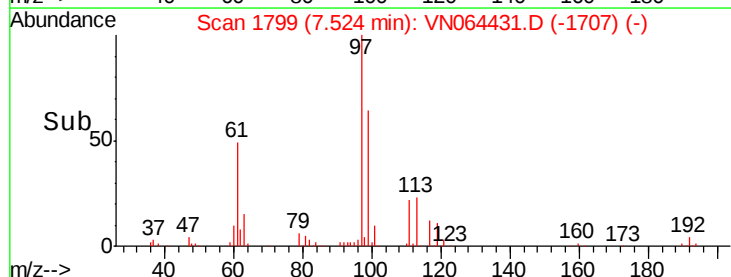
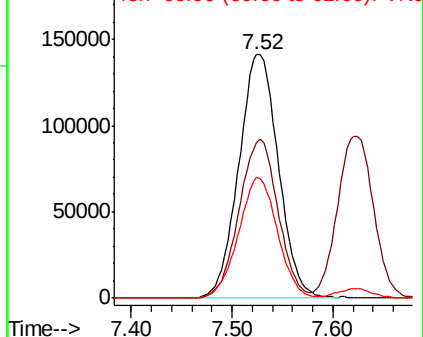


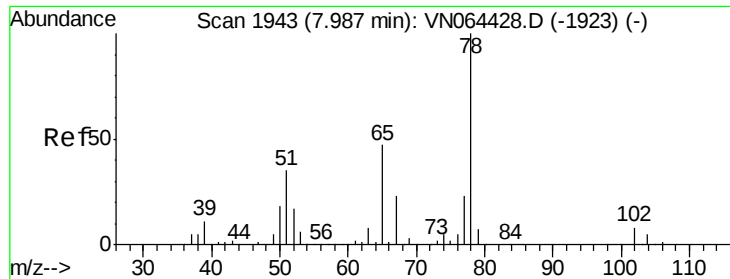
#32
1,1,1-Trichloroethane
Concen: 49.624 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 97 Resp: 384580
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 48.5 39.1 58.7



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

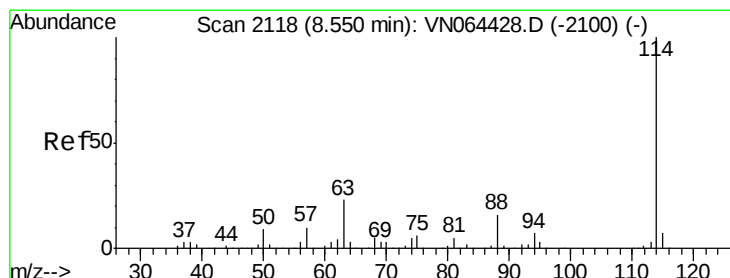
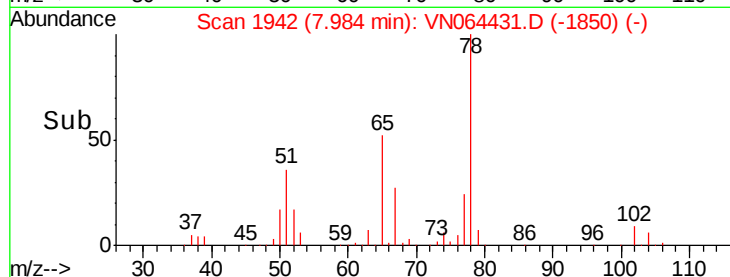
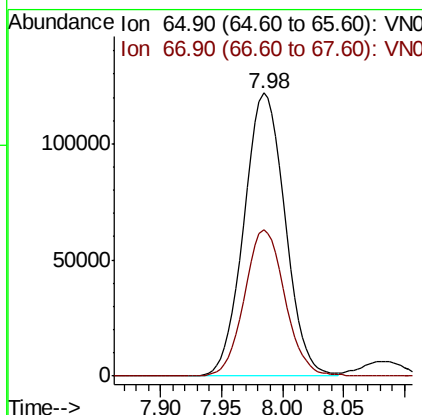
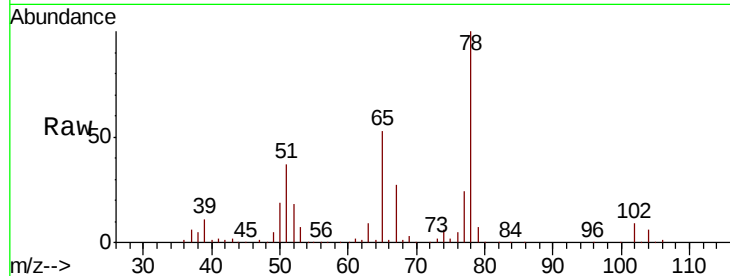




#33
 1,2-Dichloroethane-d4
 Concen: 47.999 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

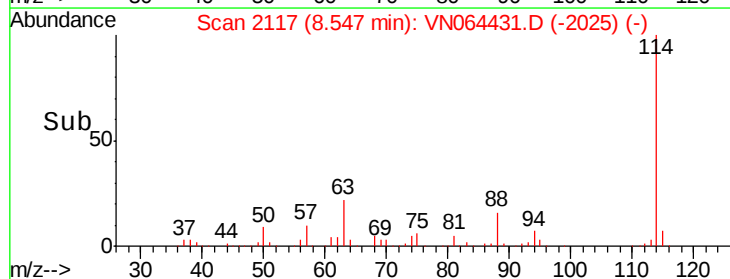
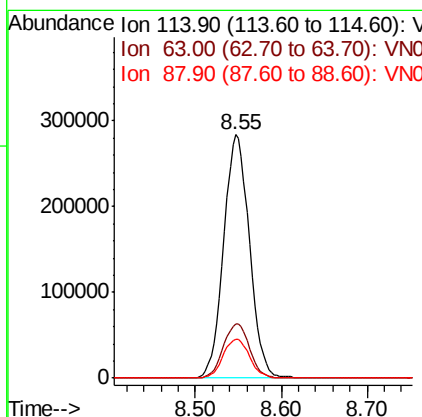
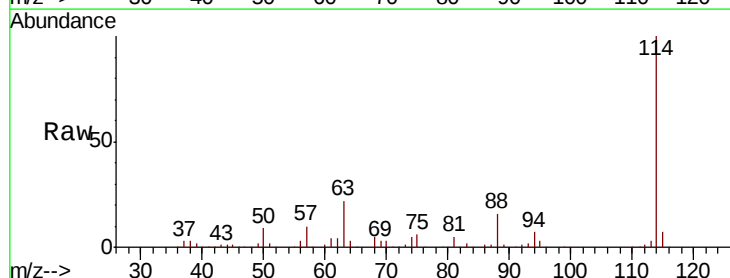
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

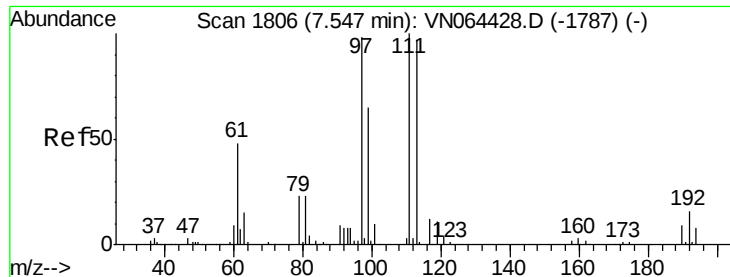
Tot Ion: 65 Resp: 284789
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 114 Resp: 592452
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 45.6
 88 16.1 0.0 32.8

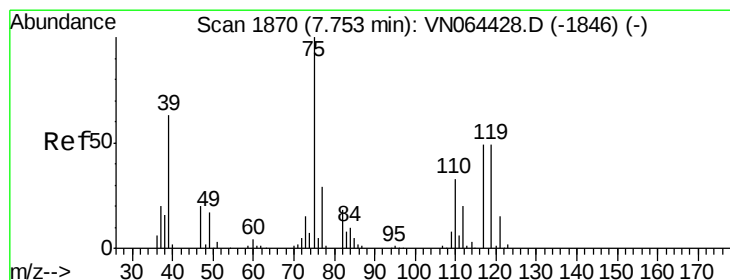
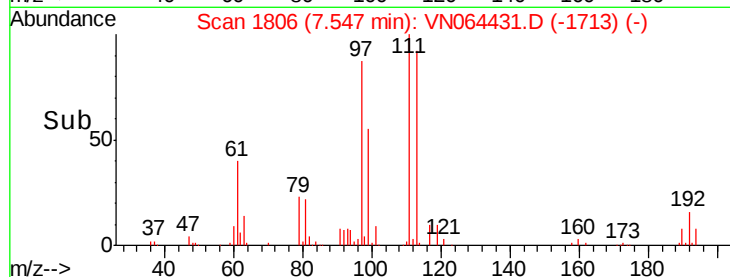
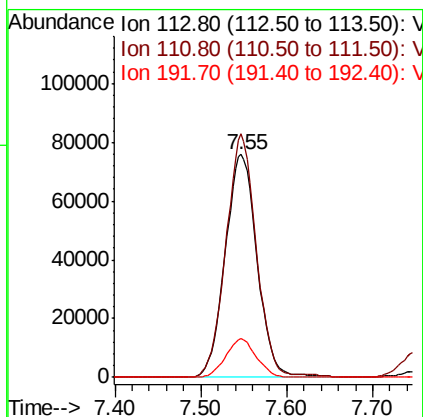
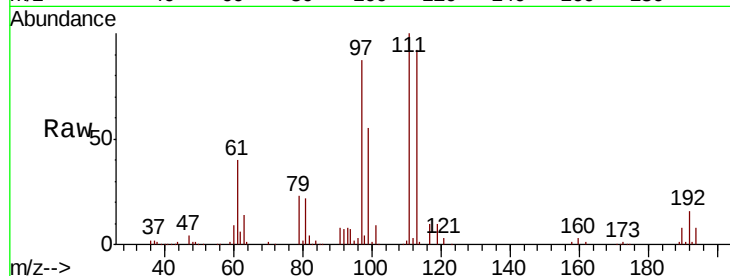




#35
 Dibromofluoromethane
 Concen: 48.382 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

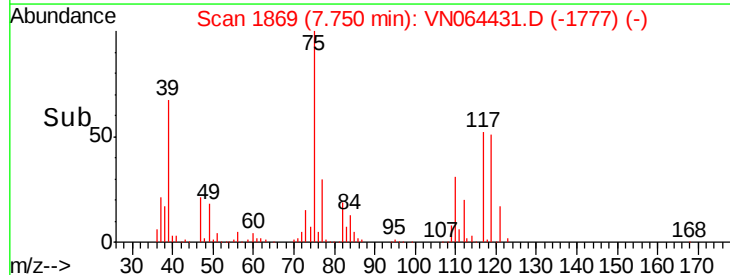
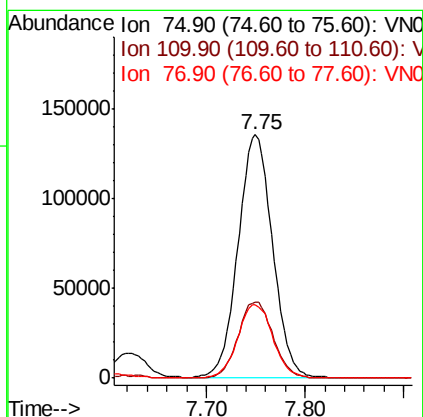
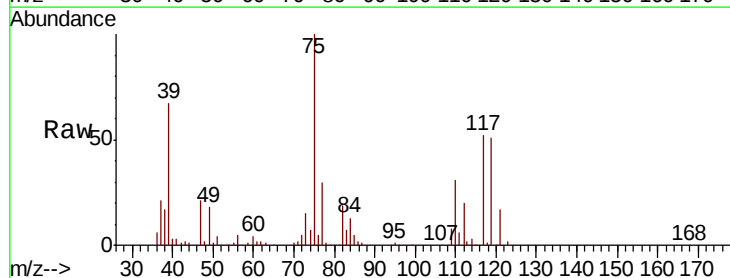
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

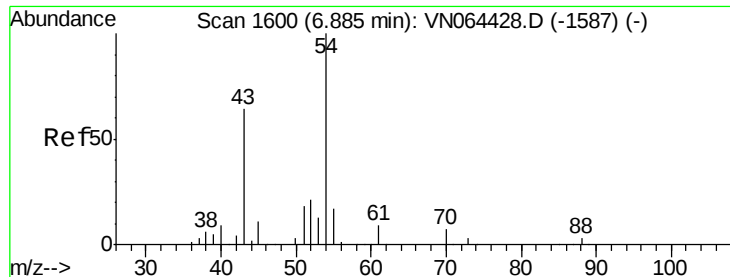
Tot Ion:113 Resp: 195164
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.1 121.7
 192 16.5 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 52.400 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 75 Resp: 327962
 Ion Ratio Lower Upper
 75 100
 110 31.9 16.0 48.0
 77 31.2 24.0 36.0

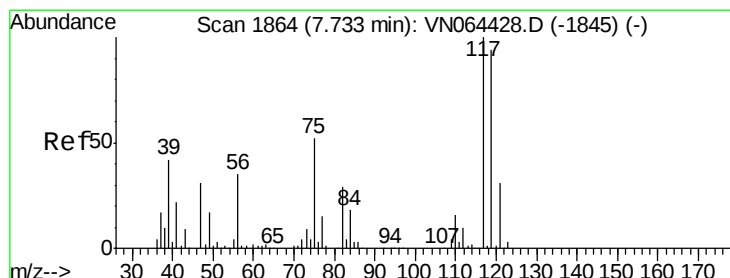
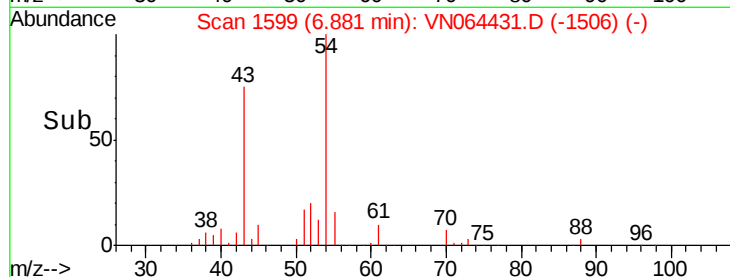
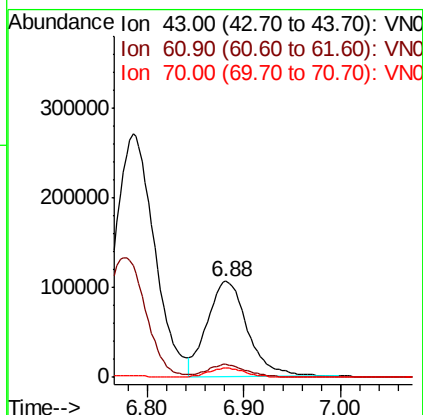
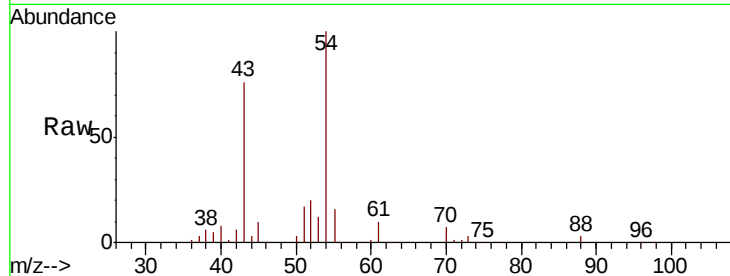




#37
Ethyl Acetate
Concen: 48.792 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

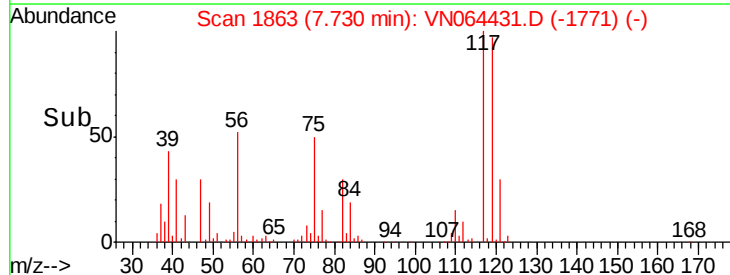
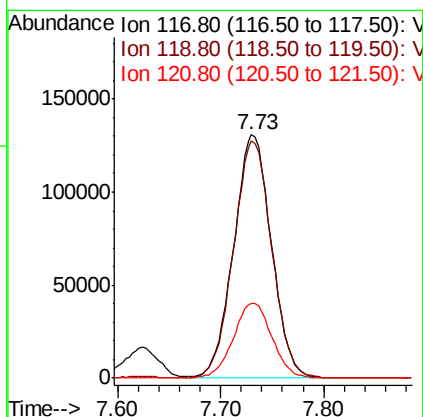
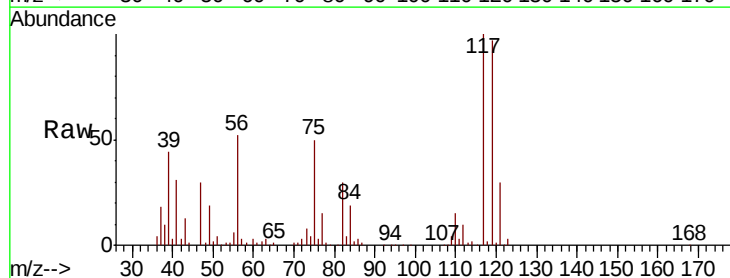
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

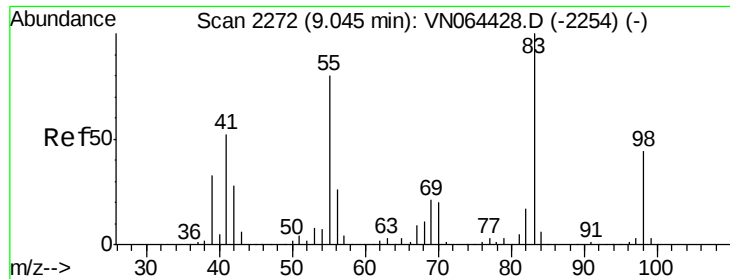
Tot Ion: 43 Resp: 309821
Ion Ratio Lower Upper
43 100
61 13.0 10.0 15.0
70 9.1 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.617 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 117 Resp: 331898
Ion Ratio Lower Upper
117 100
119 97.5 75.5 113.3
121 30.5 24.4 36.6

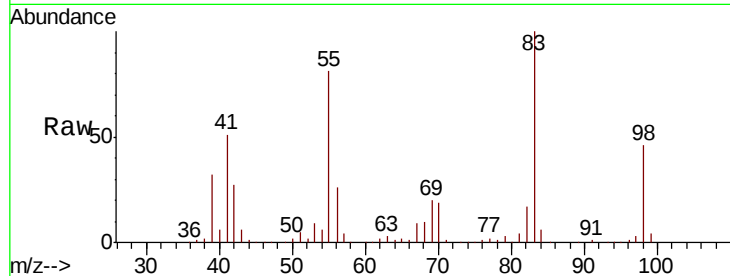




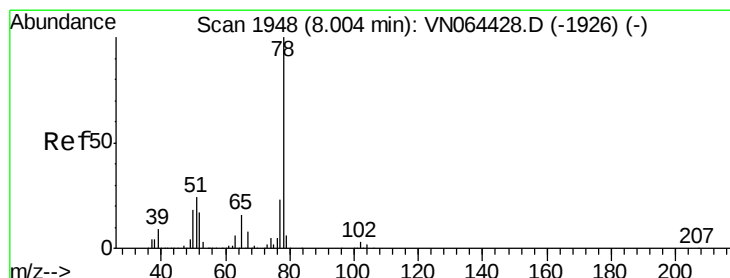
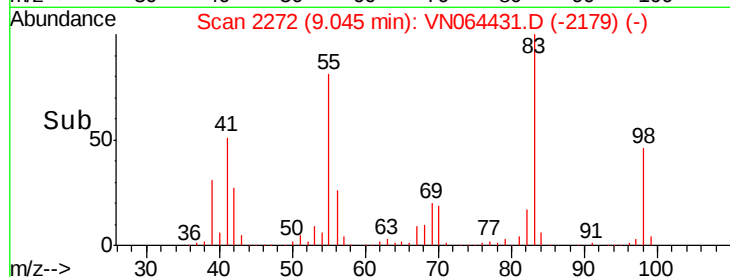
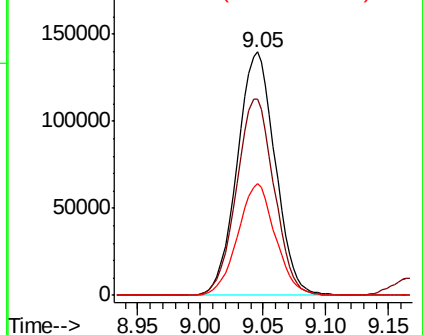
#39
Methvlcvclohexane
Concen: 52.010 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion: 83 Resp: 291811
Ion Ratio Lower Upper
83 100
55 80.8 63.8 95.6
98 45.8 35.4 53.2

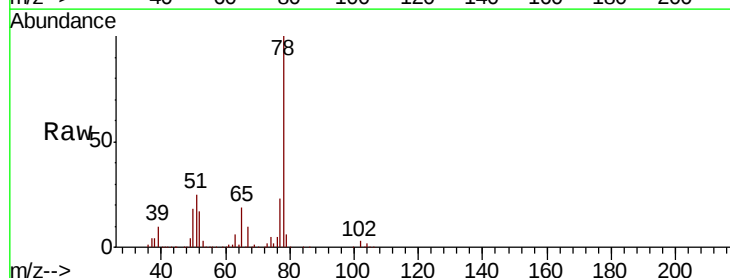


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

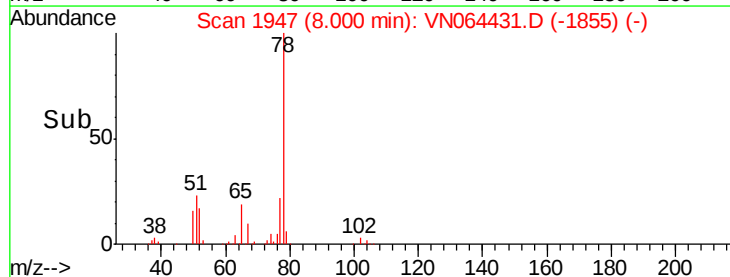
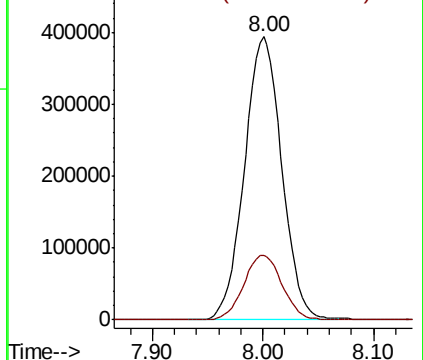


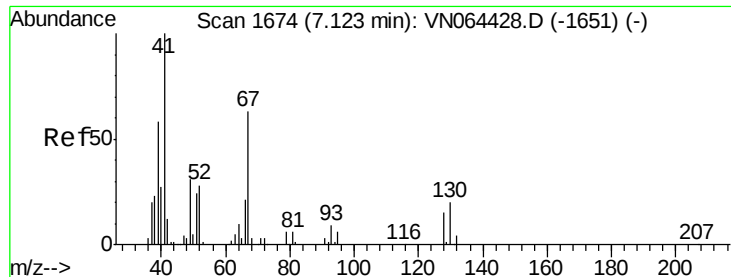
#40
Benzene
Concen: 50.120 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 78 Resp: 921788
Ion Ratio Lower Upper
78 100
77 22.7 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

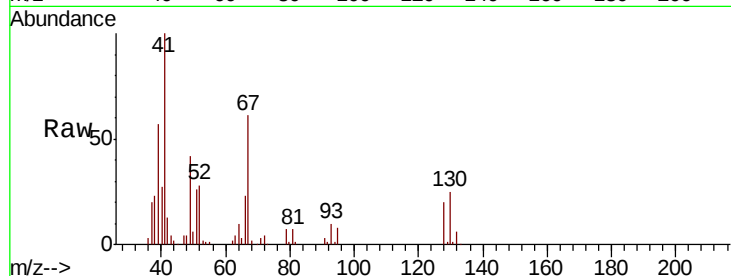




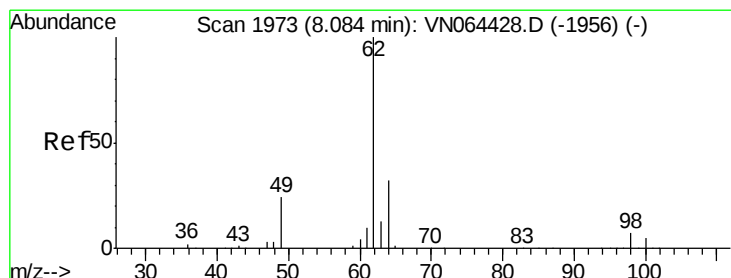
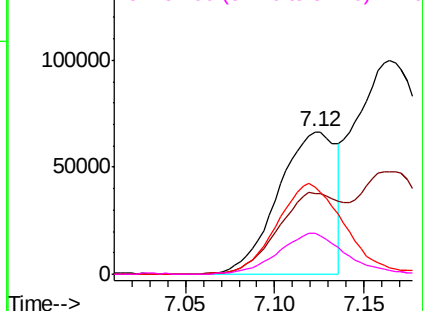
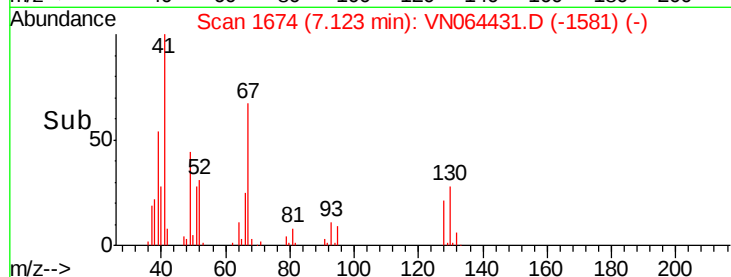
#41
Methacrylonitrile
Concen: 54.256 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampled :
ICVVN110420

Tot Ion: 41 Resp: 150552
Ion Ratio Lower Upper
41 100
39 61.5 50.0 75.0
67 75.0 68.3 102.5
52 33.0 32.7 49.1

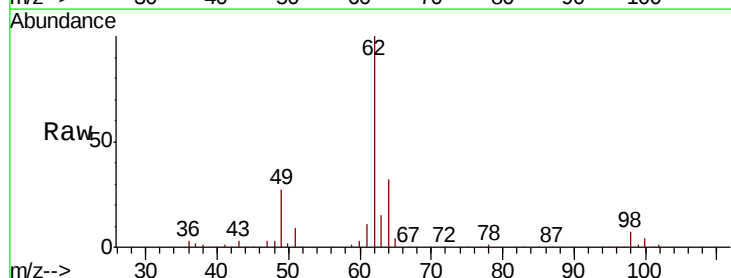


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

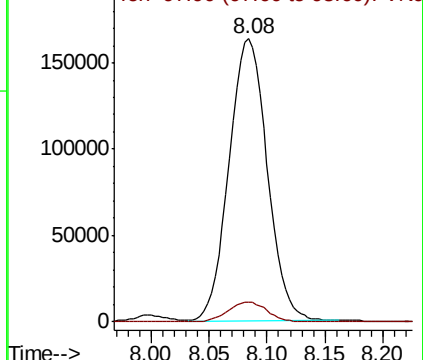
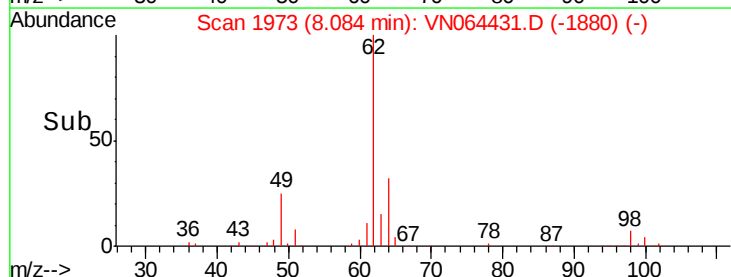


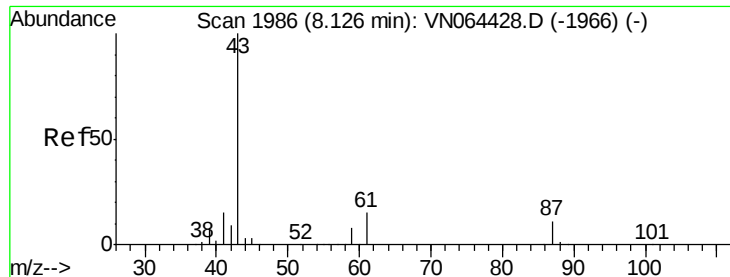
#42
1,2-Dichloroethane
Concen: 50.408 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 62 Resp: 374134
Ion Ratio Lower Upper
62 100
98 7.1 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 52.722 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

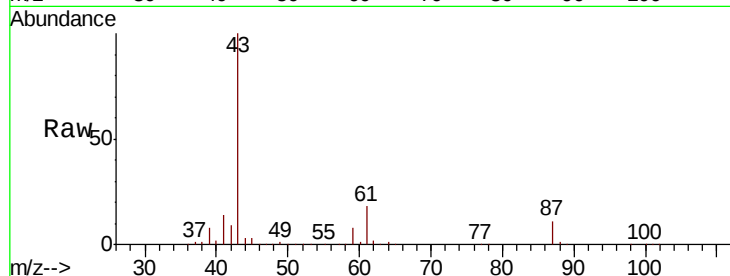
Tot Ion: 43 Resp: 534757

Ion Ratio Lower Upper

43 100

61 17.7 14.0 21.0

87 11.6 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN064428.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN064428.D (-1966) (-)

8.13

300000

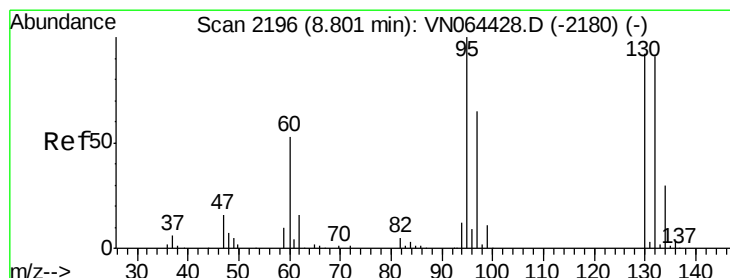
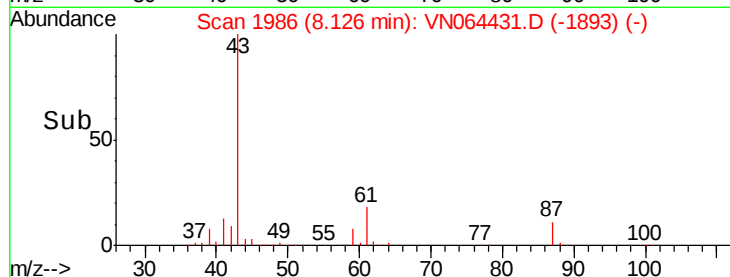
200000

100000

0

8.05 8.10 8.15 8.20

Time-->



#44

Trichloroethene

Concen: 50.126 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064431.D

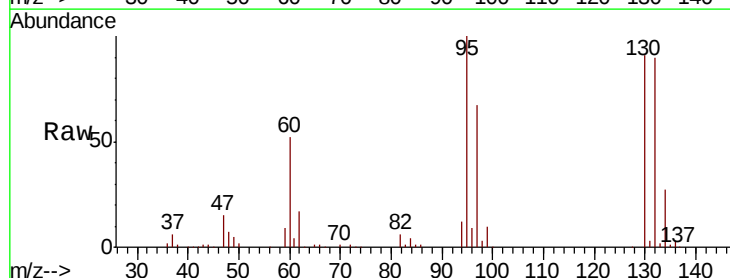
Acq: 4 Nov 2020 12:47

Tgt Ion:130 Resp: 232597

Ion Ratio Lower Upper

130 100

95 110.2 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN064428.D (-2180) (-)

8.80

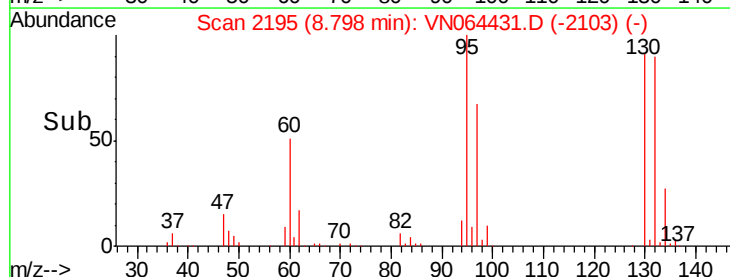
100000

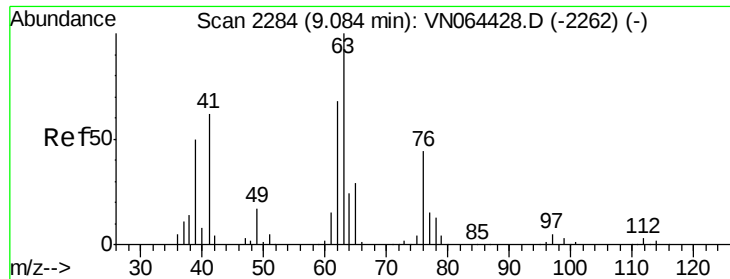
50000

0

8.70 8.75 8.80 8.85 8.90

Time-->





#45

1,2-Dichloropropane

Concen: 51.105 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

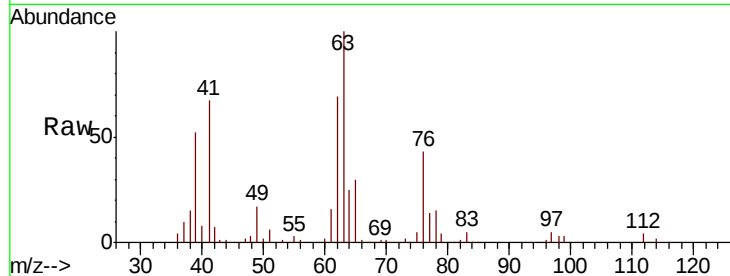
ICVFN110420

Tot Ion: 63 Resp: 250790

Ion Ratio Lower Upper

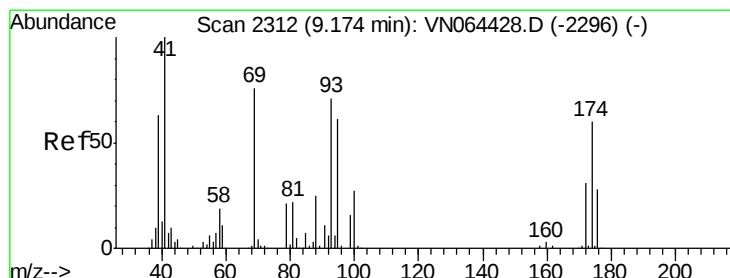
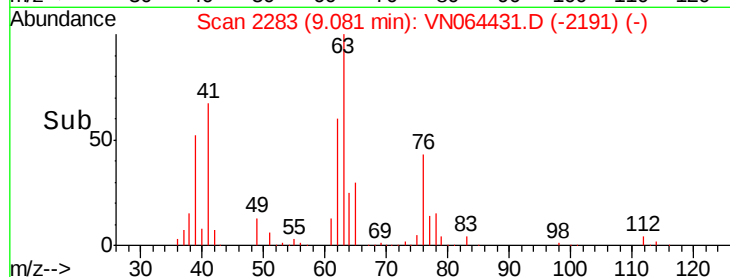
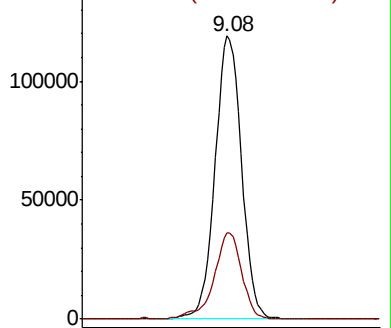
63 100

65 30.5 23.6 35.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 51.047 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

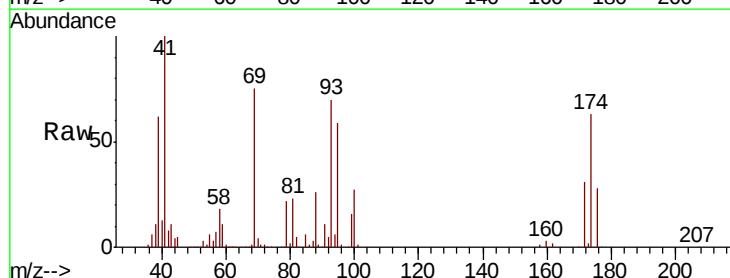
Tgt Ion: 93 Resp: 164905

Ion Ratio Lower Upper

93 100

95 81.8 66.4 99.6

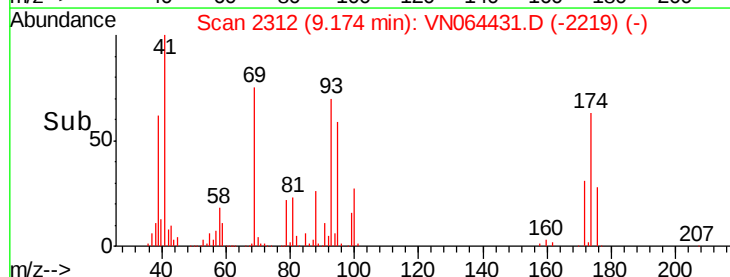
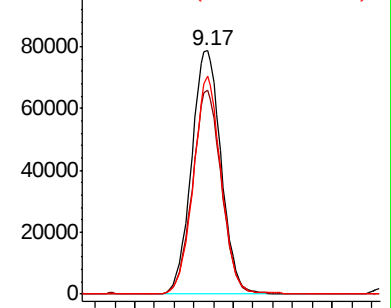
174 84.0 67.2 100.8

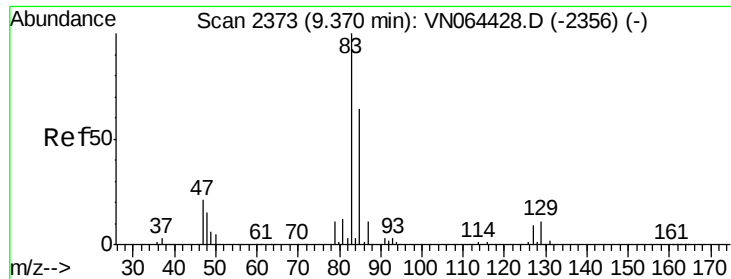


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 50.316 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

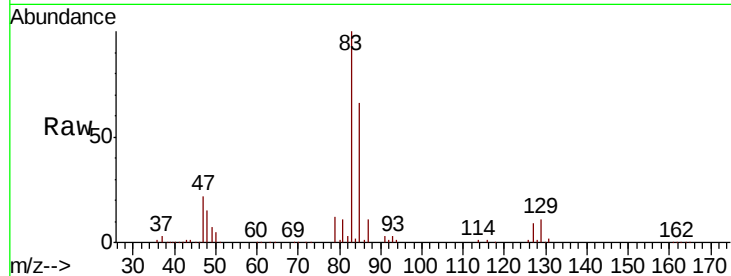
Tot Ion: 83 Resp: 349501

Ion Ratio Lower Upper

83 100

85 66.1 51.2 76.8

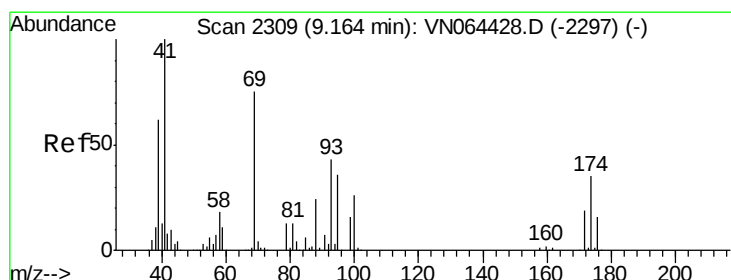
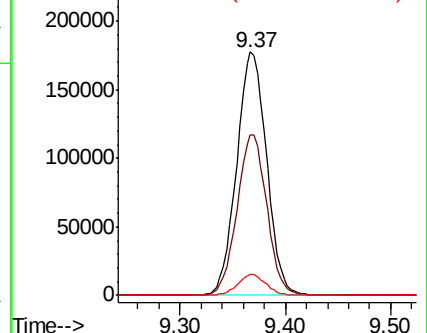
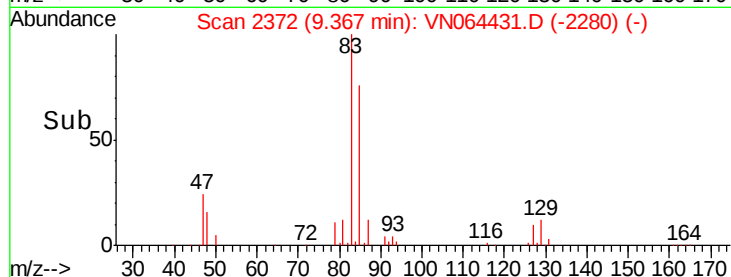
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 53.428 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

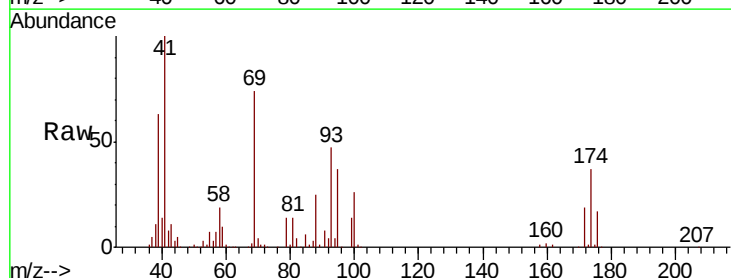
Tgt Ion: 41 Resp: 273453

Ion Ratio Lower Upper

41 100

69 75.2 60.4 90.6

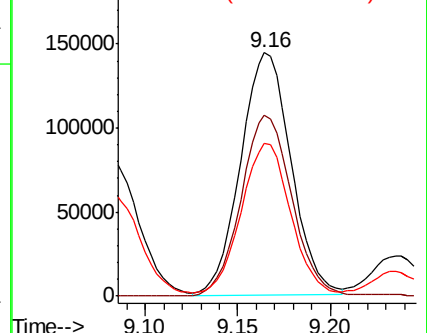
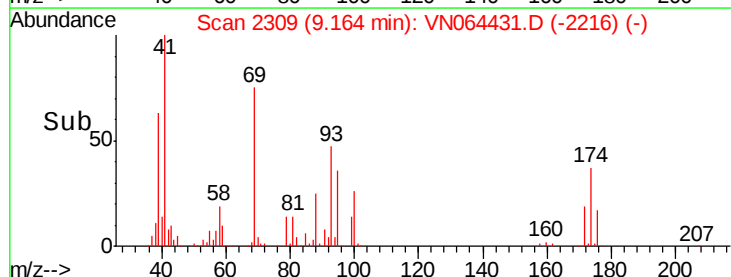
39 62.0 51.2 76.8

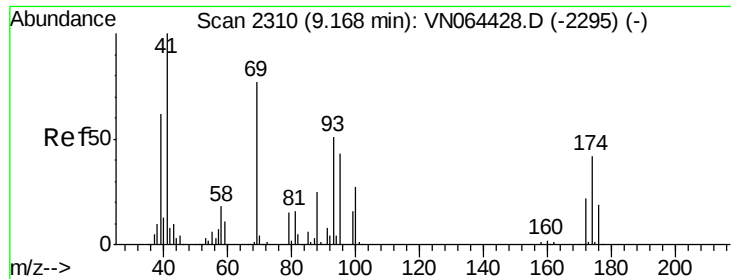


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 1097.686 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110420

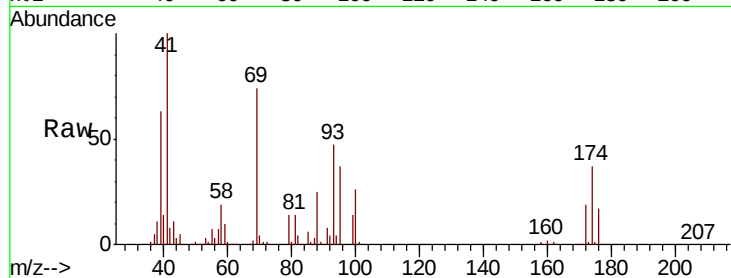
Tot Ion: 88 Resp: 73999

Ion Ratio Lower Upper

88 100

43 40.4 31.0 46.6

58 74.1 58.4 87.6

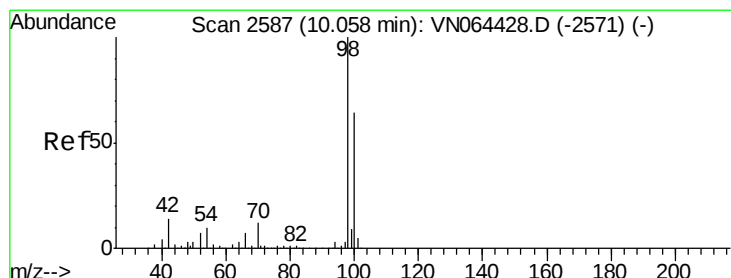
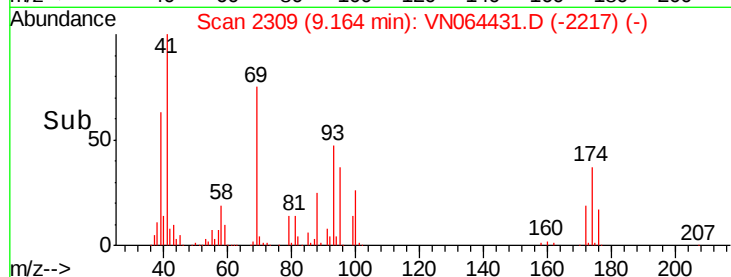
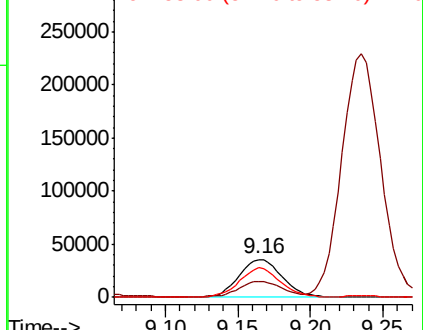


Abundance

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



#50

Toluene-d8

Concen: 49.109 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064431.D

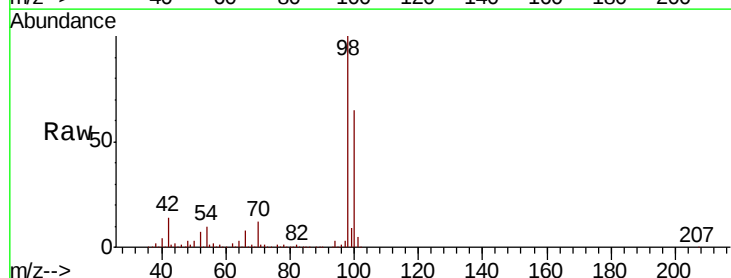
Acq: 4 Nov 2020 12:47

Tgt Ion: 98 Resp: 765641

Ion Ratio Lower Upper

98 100

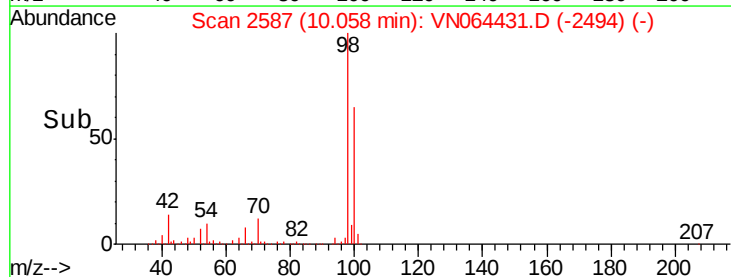
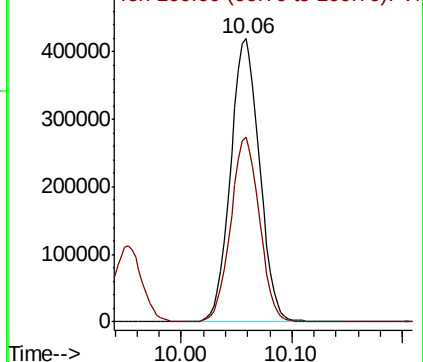
100 64.5 50.7 76.1

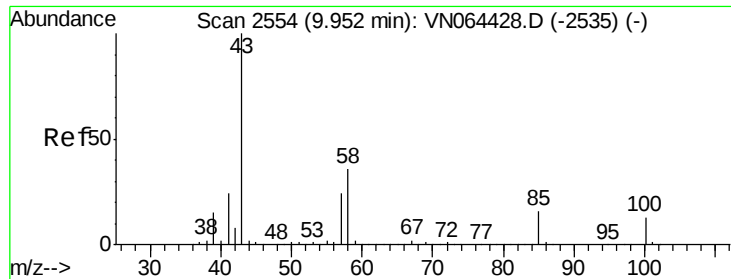


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 269.492 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

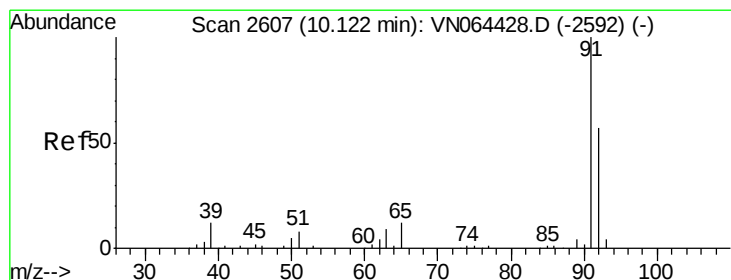
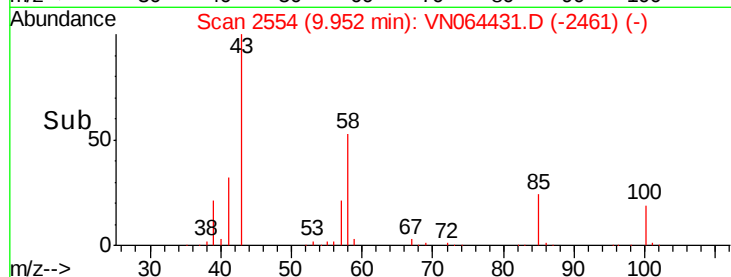
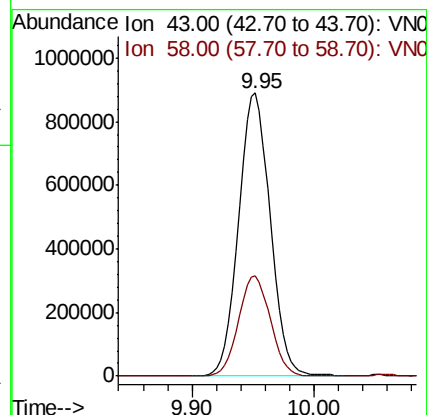
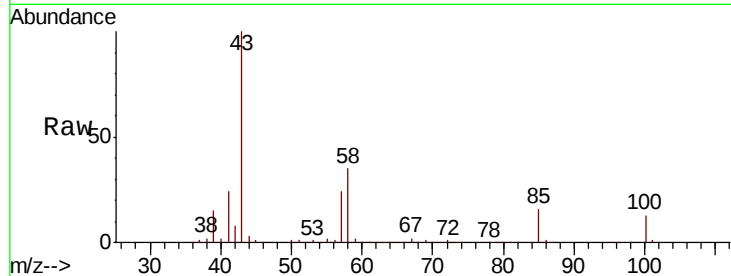
ICVVN110420

Tot Ion: 43 Resp: 1594073

Ion Ratio Lower Upper

43 100

58 35.7 28.4 42.6



#52

Toluene

Concen: 52.134 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. 0.00 min

Lab File: VN064431.D

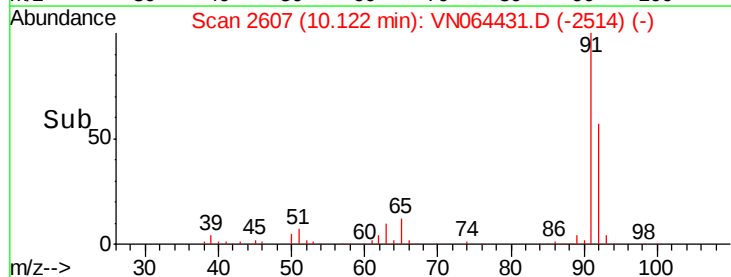
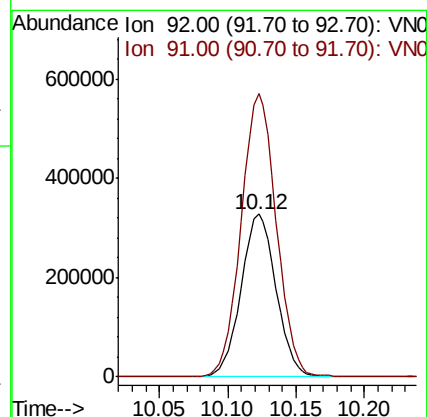
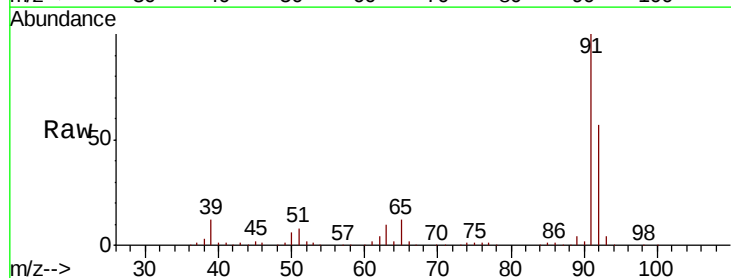
Acq: 4 Nov 2020 12:47

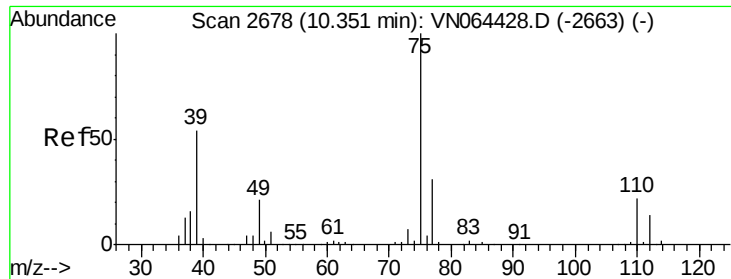
Tgt Ion: 92 Resp: 584804

Ion Ratio Lower Upper

92 100

91 174.9 139.6 209.4





#53

t-1,3-Dichloropropene

Concen: 53.282 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

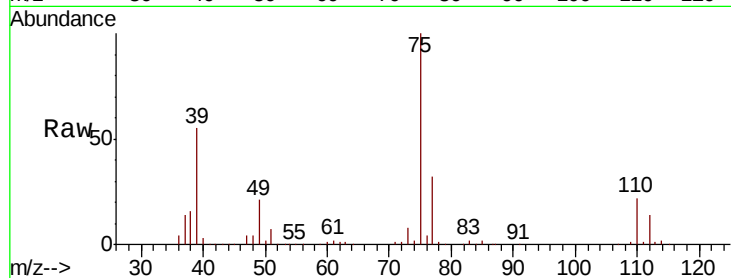
ICVNN110420

Tot Ion: 75 Resp: 392374

Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

10.35

250000

200000

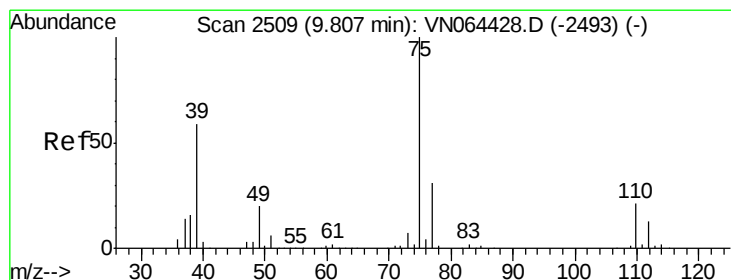
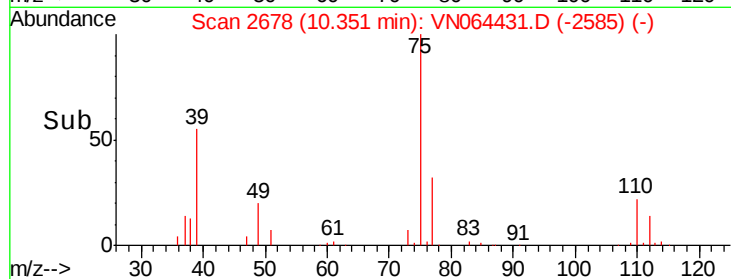
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 53.150 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

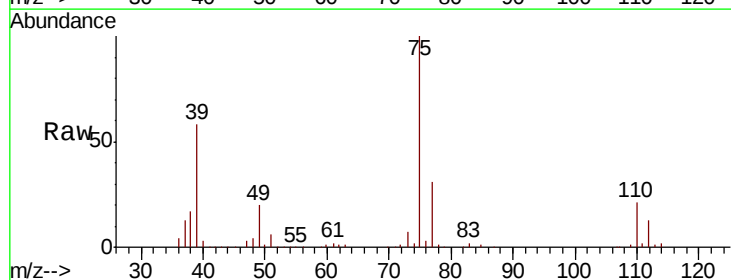
Tgt Ion: 75 Resp: 418473

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 58.3 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

9.81

300000

250000

200000

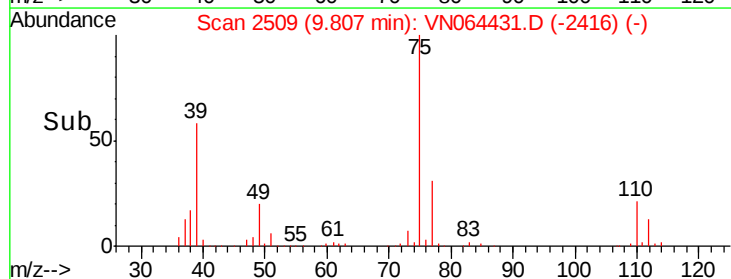
150000

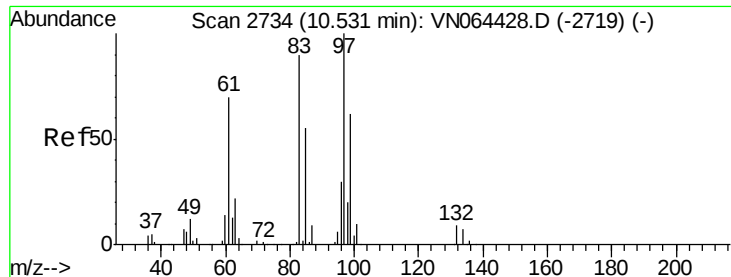
100000

50000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 50.422 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

Tot Ion: 97 Resp: 220581

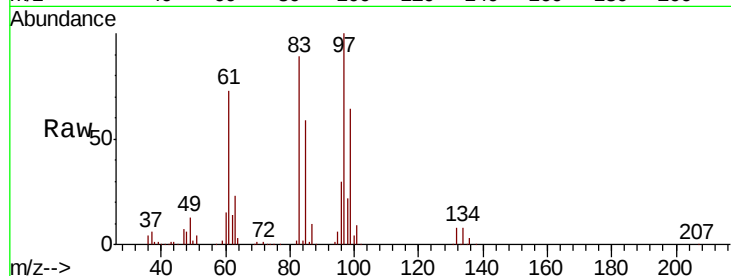
Ion Ratio Lower Upper

97 100

83 89.4 71.7 107.5

85 58.9 44.3 66.5

99 64.1 49.4 74.2

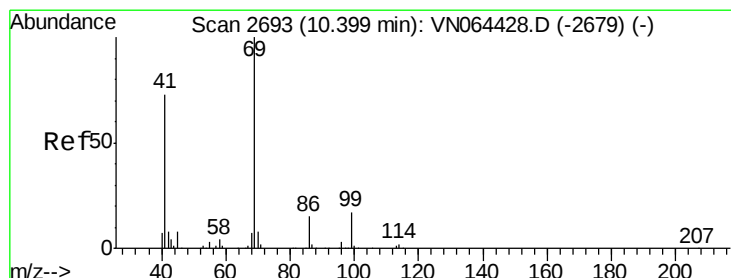
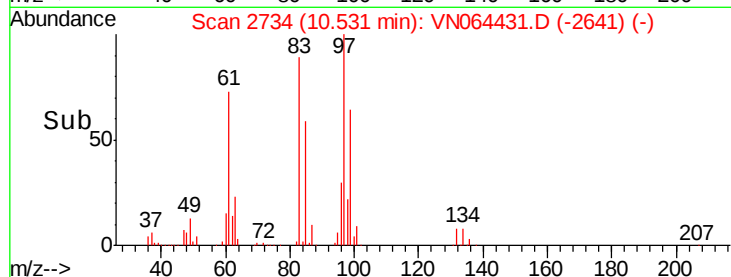
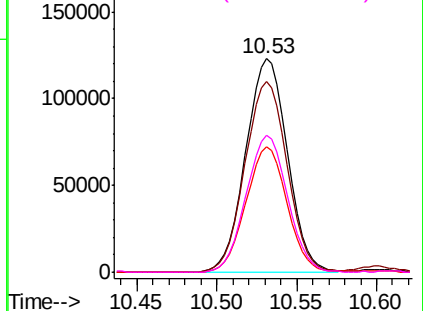


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 48.816 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

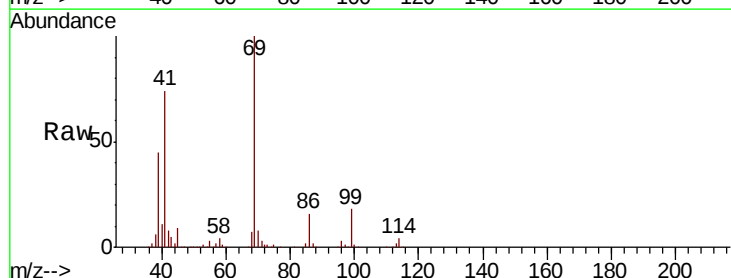
Tgt Ion: 69 Resp: 351040

Ion Ratio Lower Upper

69 100

41 73.8 59.3 88.9

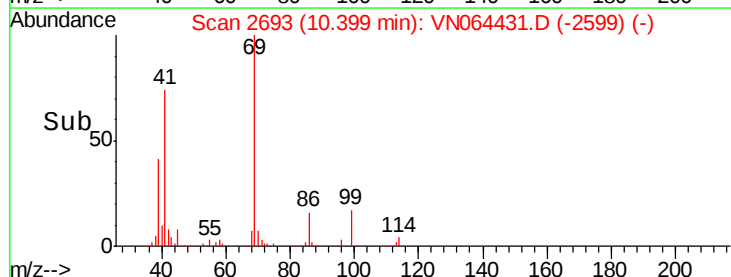
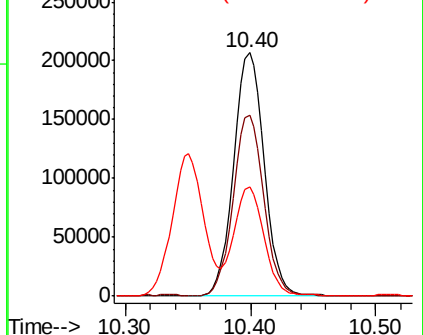
39 43.6 35.4 53.0

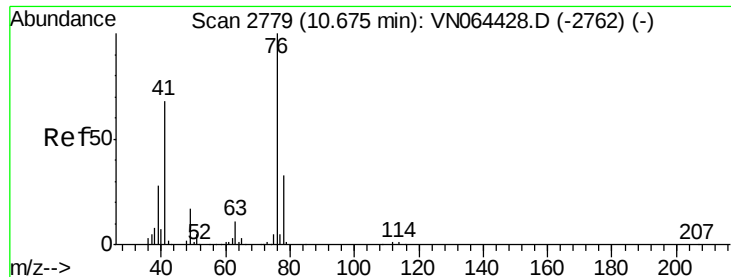


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 52.141 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

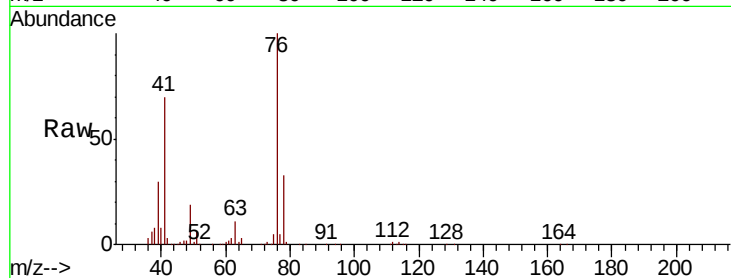
ICVVN110420

Tot Ion: 76 Resp: 398144

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN064428.D (-2762) (-)

Ion 77.90 (77.60 to 78.60): VN064431.D (-2686) (-)

10.68

200000

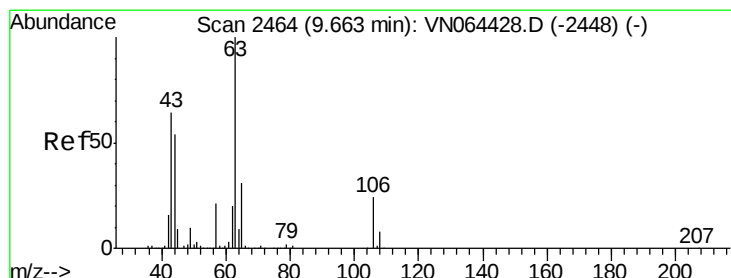
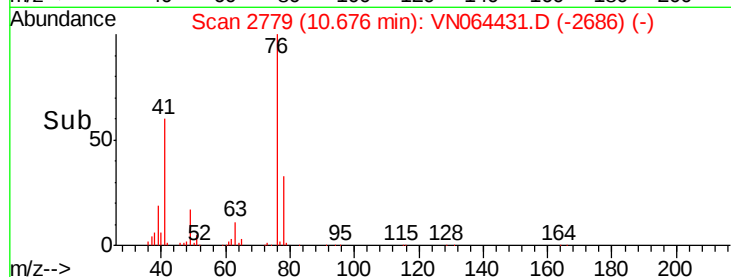
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 286.956 ug/l

RT: 9.66 min Scan# 2463

Delta R.T. -0.00 min

Lab File: VN064431.D

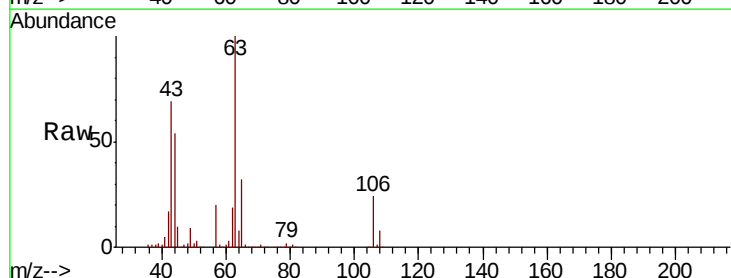
Acq: 4 Nov 2020 12:47

Tgt Ion: 63 Resp: 987799

Ion Ratio Lower Upper

63 100

106 25.1 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN064428.D (-2448) (-)

Ion 105.90 (105.60 to 106.60): VN064431.D (-2370) (-)

9.66

600000

500000

400000

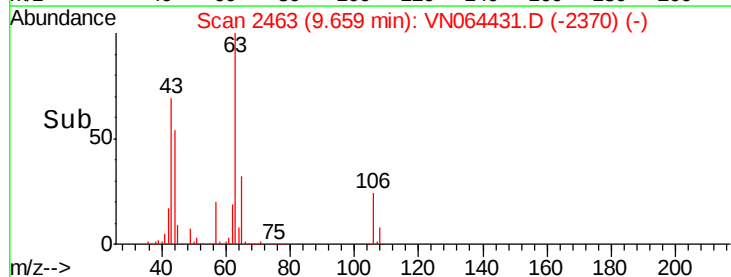
300000

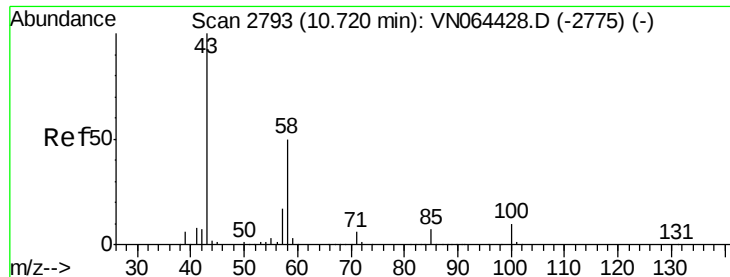
200000

100000

0

Time-->

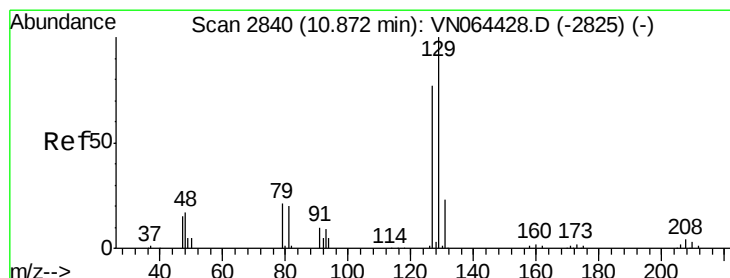
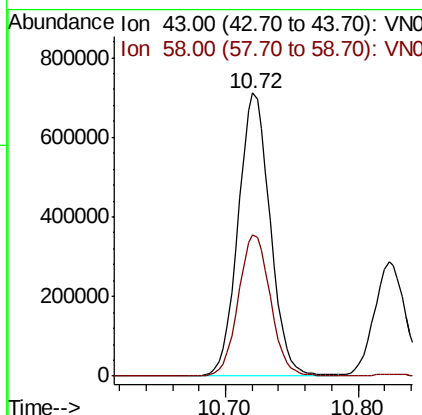
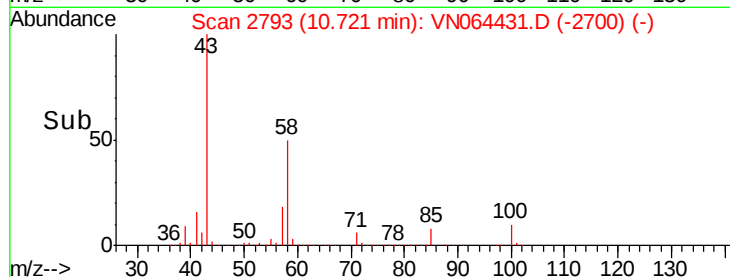
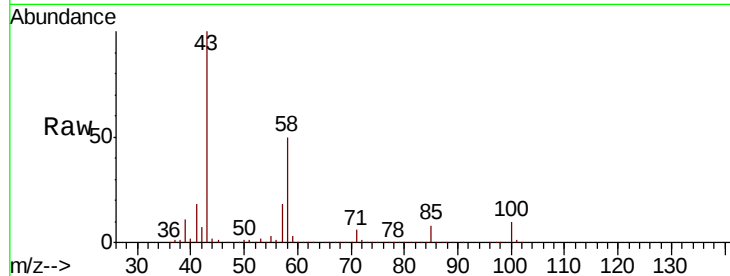




#59
2-Hexanone
Concen: 246.572 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

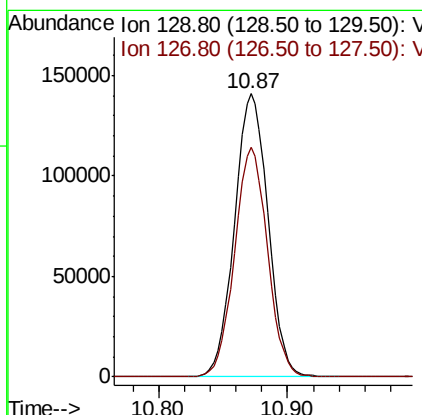
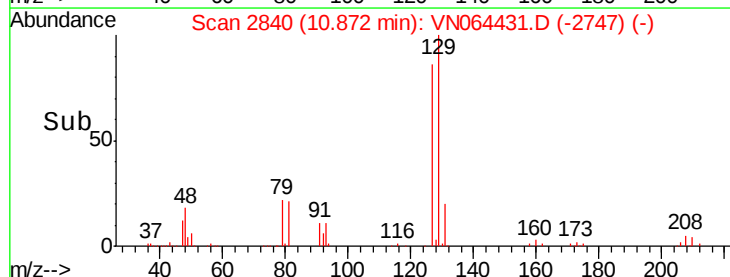
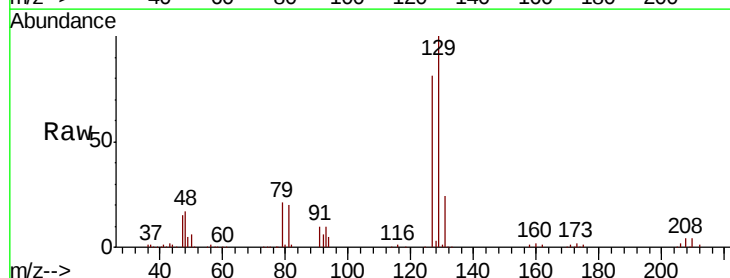
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

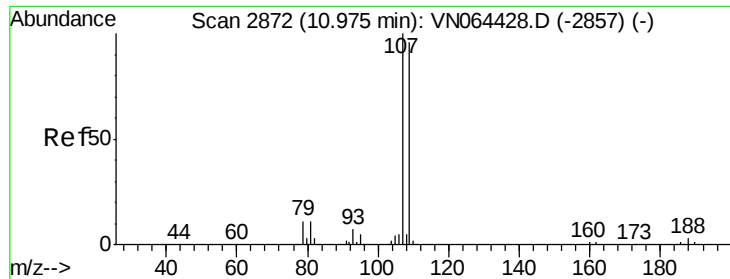
Tot Ion: 43 Resp: 1189045
Ion Ratio Lower Upper
43 100
58 50.2 24.7 74.1



#60
Dibromochloromethane
Concen: 51.982 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 129 Resp: 254605
Ion Ratio Lower Upper
129 100
127 79.5 38.9 116.7

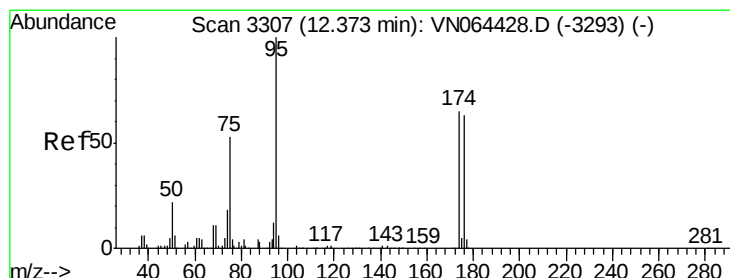
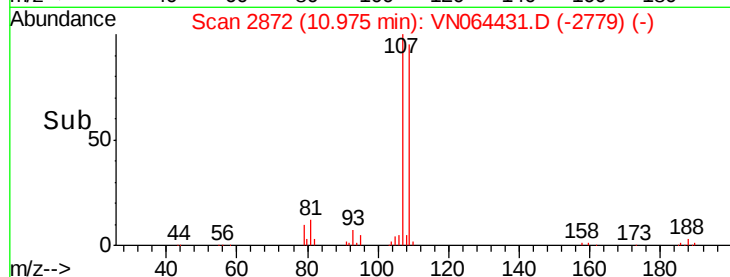
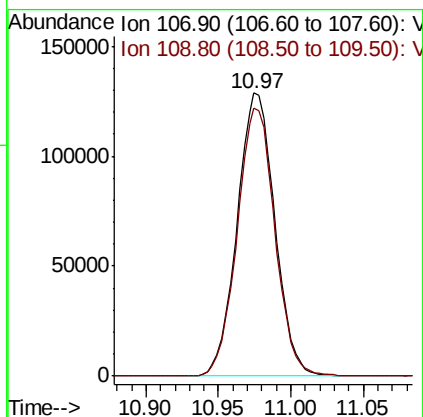
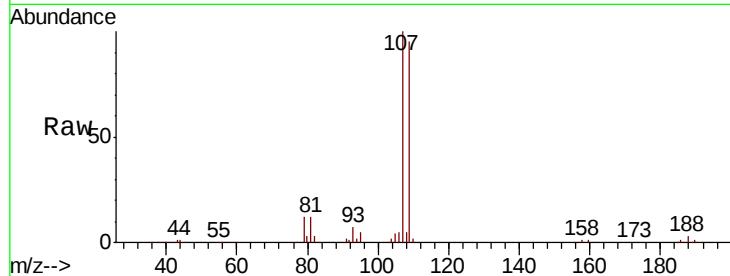




#61
 1,2-Dibromoethane
 Concen: 52.381 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

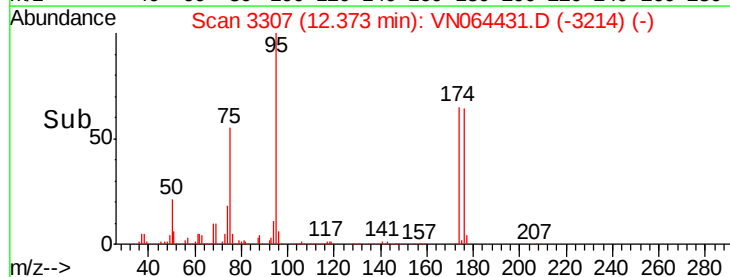
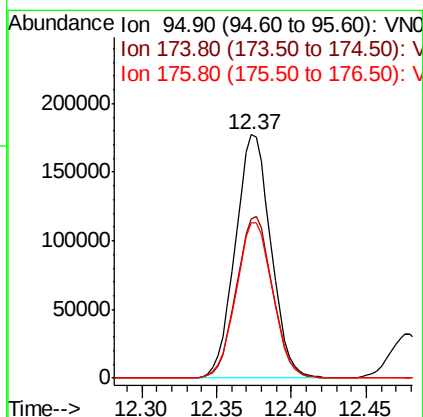
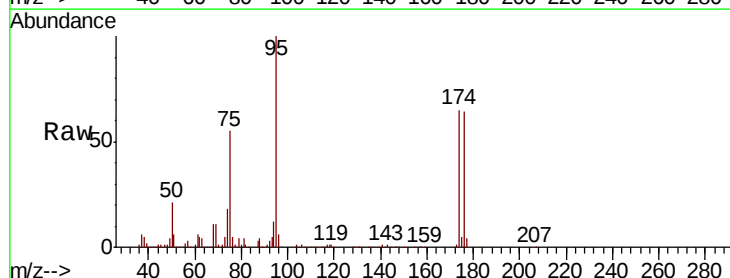
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

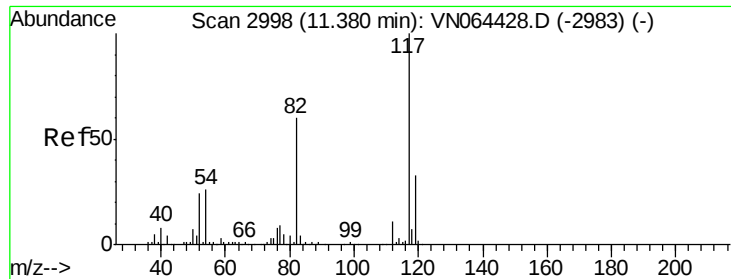
Tot Ion: 107 Resp: 232433
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 49.817 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion: 95 Resp: 293730
 Ion Ratio Lower Upper
 95 100
 174 67.6 0.0 132.6
 176 65.9 0.0 129.2

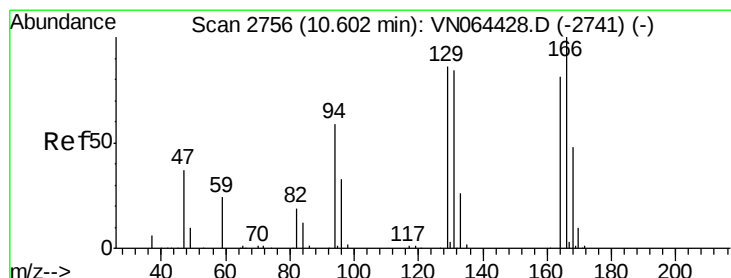
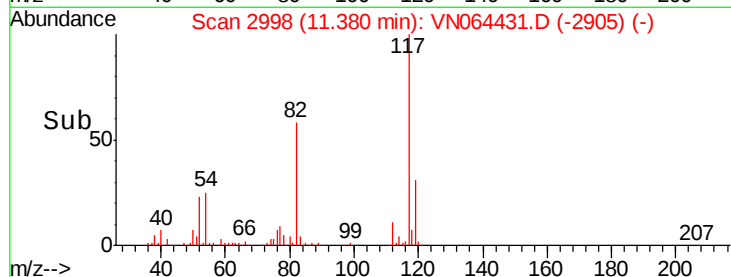
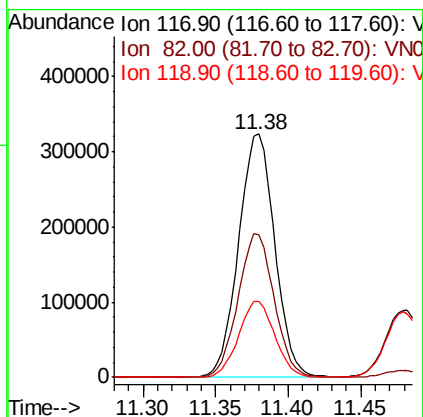
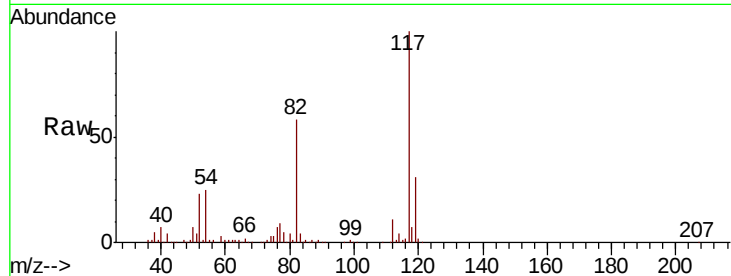




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

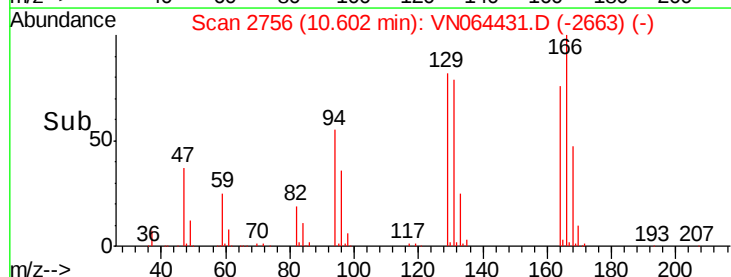
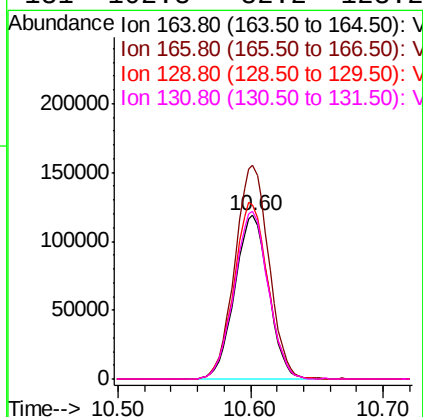
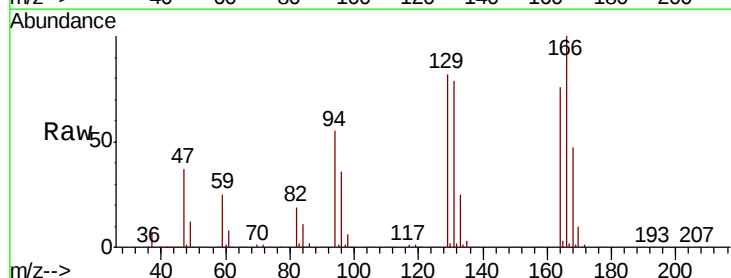
Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

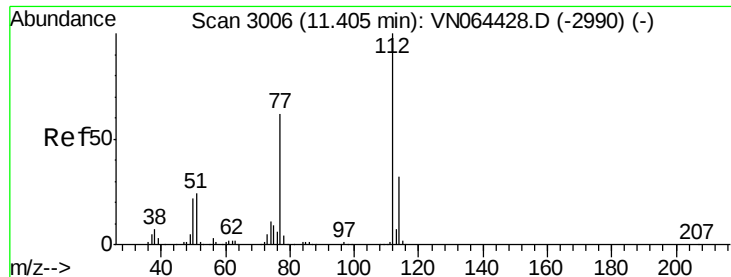
Tot Ion:117 Resp: 563828
Ion Ratio Lower Upper
117 100
82 58.3 48.1 72.1
119 31.1 26.2 39.4



#64
Tetrachloroethene
Concen: 48.330 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion:164 Resp: 209907
Ion Ratio Lower Upper
164 100
166 130.8 98.2 147.2
129 106.9 84.6 127.0
131 102.8 82.2 123.2

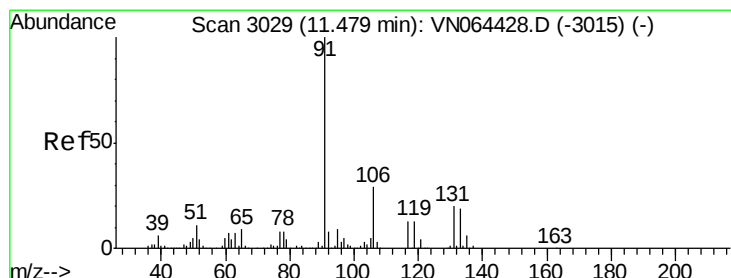
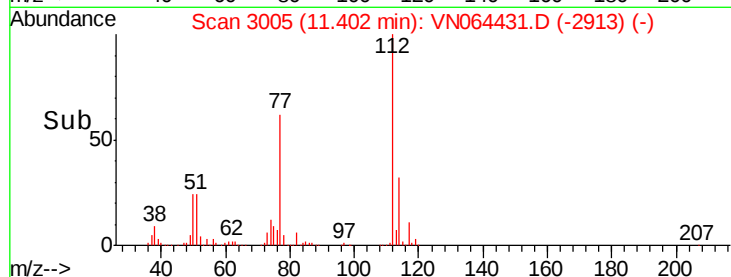
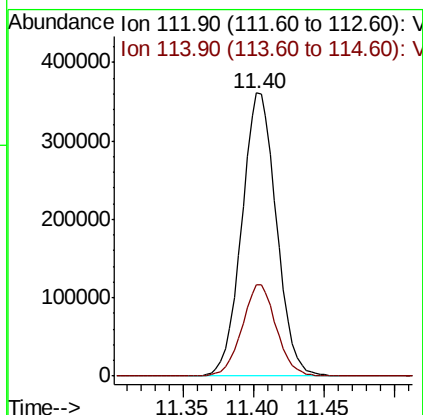
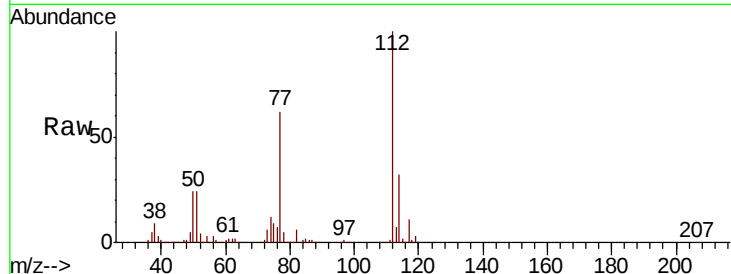




#65
Chlorobenzene
Concen: 50.201 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

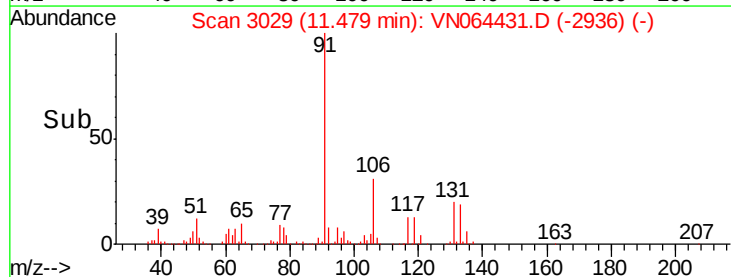
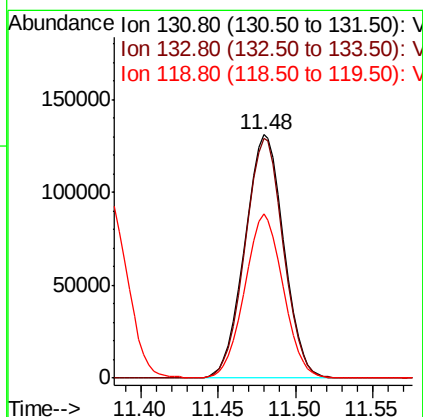
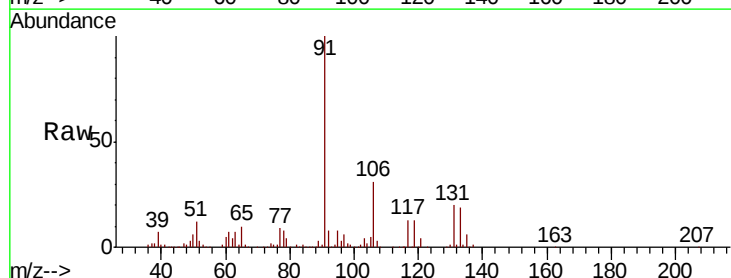
Instrument :
MSVOA_N
ClientSampleId :
ICVFN110420

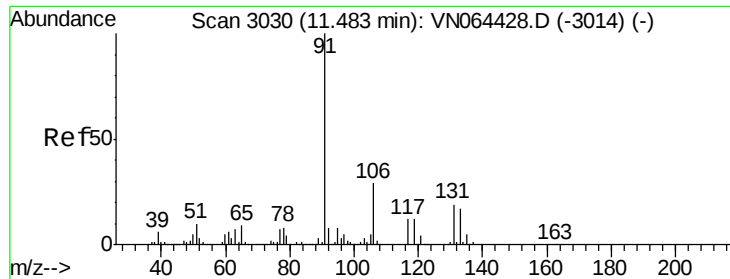
Tot Ion:112 Resp: 620497
Ion Ratio Lower Upper
112 100
114 32.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.003 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion:131 Resp: 230574
Ion Ratio Lower Upper
131 100
133 96.9 46.9 140.7
119 66.3 32.1 96.5

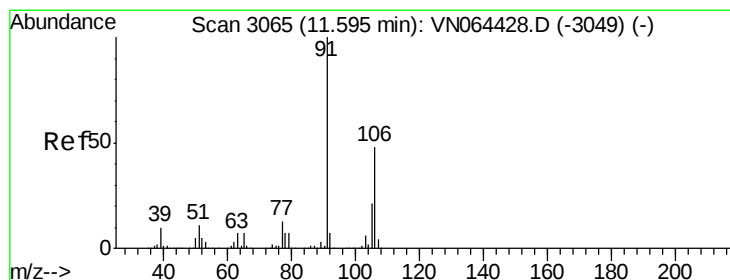
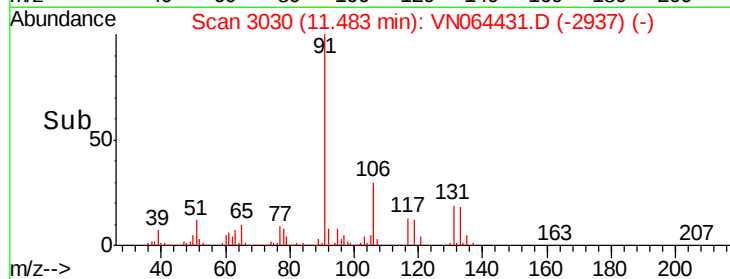
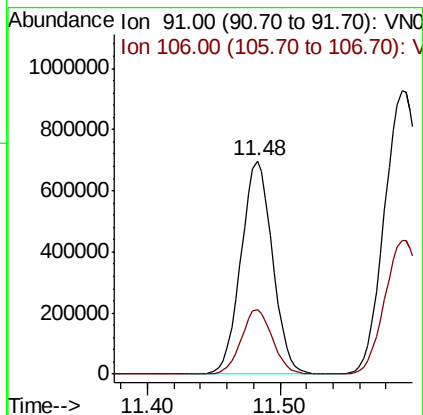
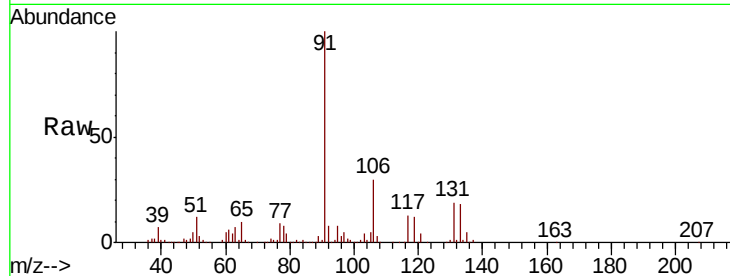




#67
Ethyl Benzene
Concen: 52.219 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

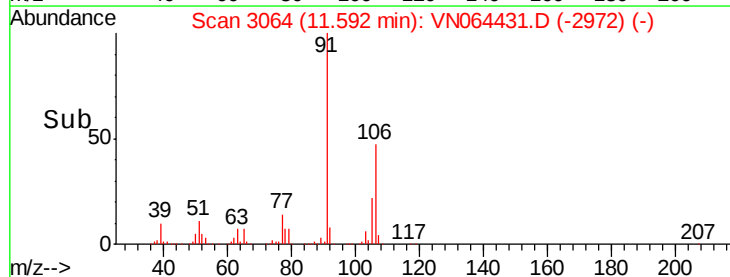
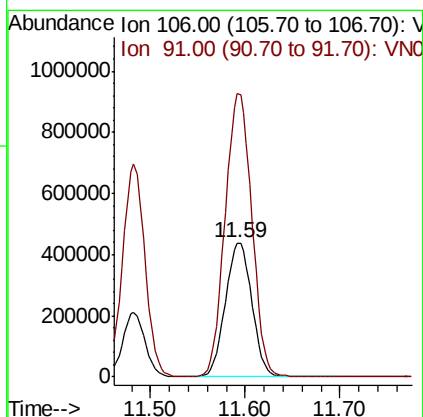
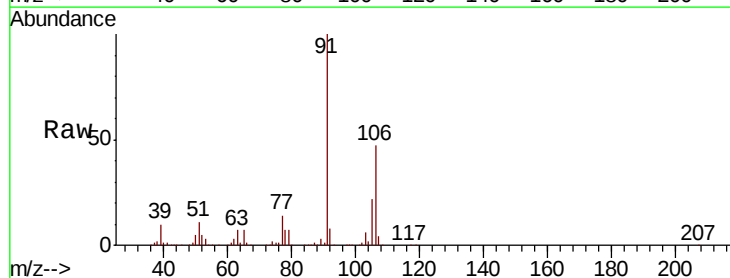
Instrument :
MSVOA_N
ClientSampled :
ICVVN110420

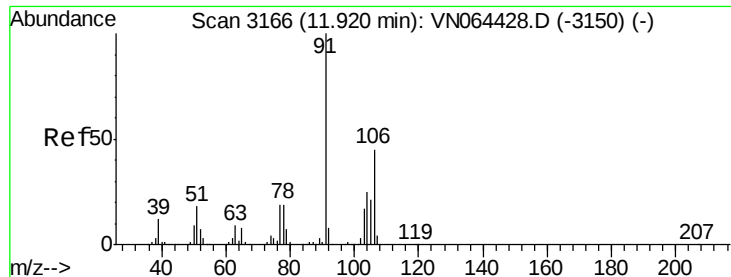
Tot Ion: 91 Resp: 1148075
Ion Ratio Lower Upper
91 100
106 30.3 23.6 35.4



#68
m/p-Xylenes
Concen: 106.884 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 106 Resp: 852228
Ion Ratio Lower Upper
106 100
91 213.2 169.4 254.2

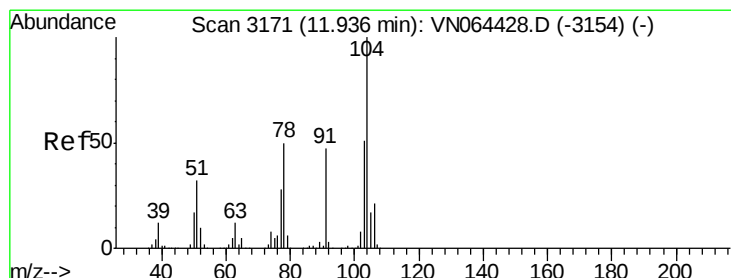
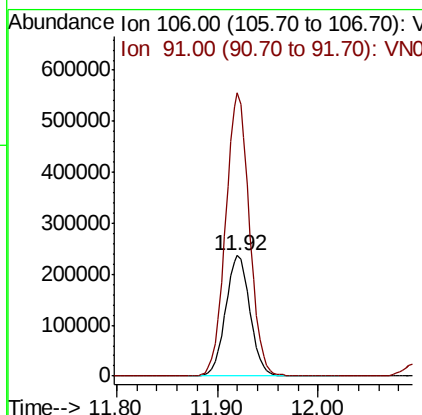
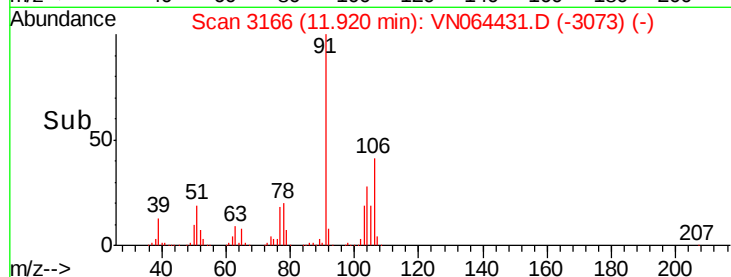
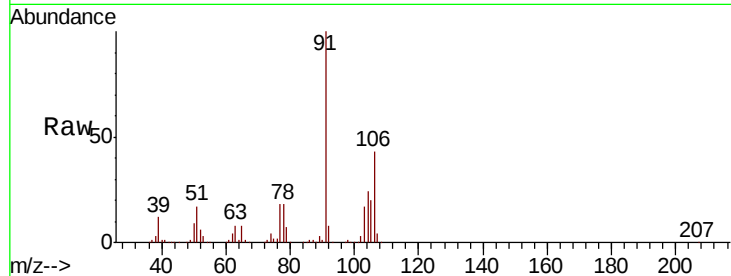




#69
o-Xylene
Concen: 51.866 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

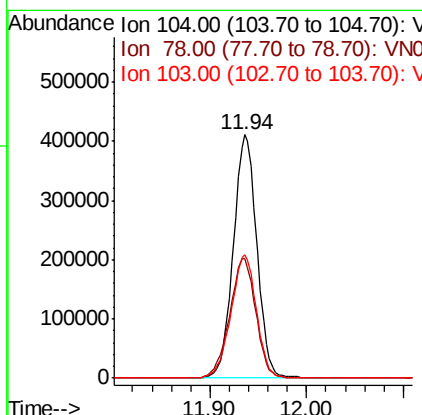
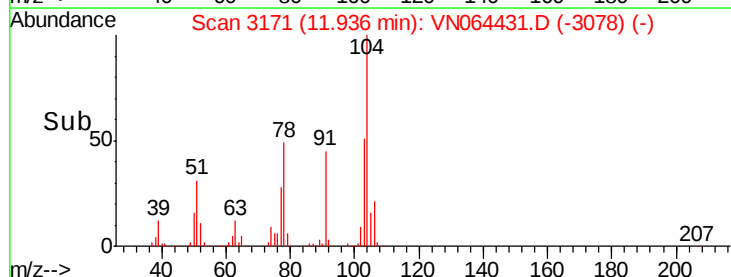
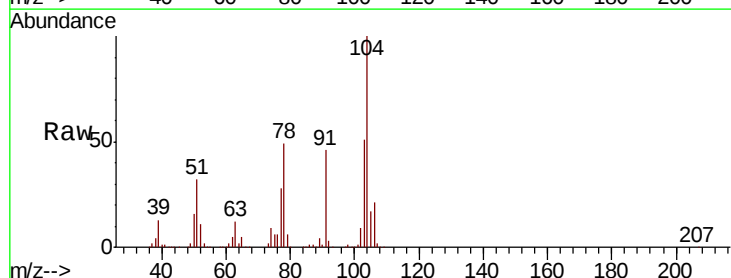
Instrument :
MSVOA_N
ClientSampleId :
ICVFN110420

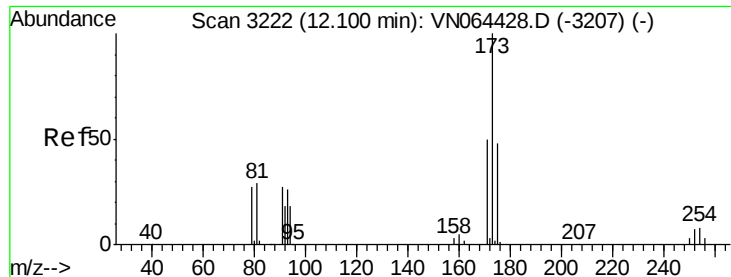
Tot Ion:106 Resp: 399621
Ion Ratio Lower Upper
106 100
91 229.6 111.7 334.9



#70
Styrene
Concen: 53.562 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion:104 Resp: 694442
Ion Ratio Lower Upper
104 100
78 54.7 44.0 66.0
103 54.9 43.8 65.6





#71

Bromoform

Concen: 47.453 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVNN110420

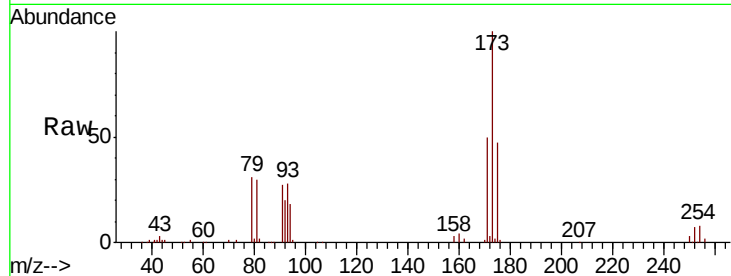
Tot Ion:173 Resp: 164071

Ion Ratio Lower Upper

173 100

175 48.2 23.7 71.1

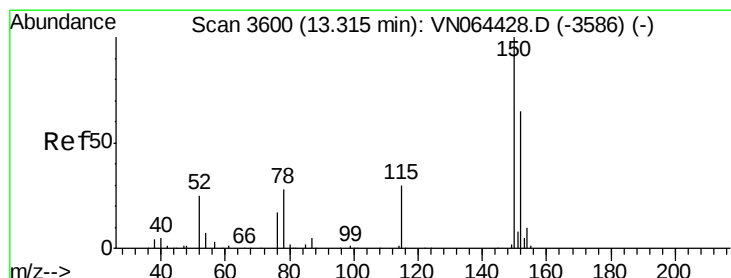
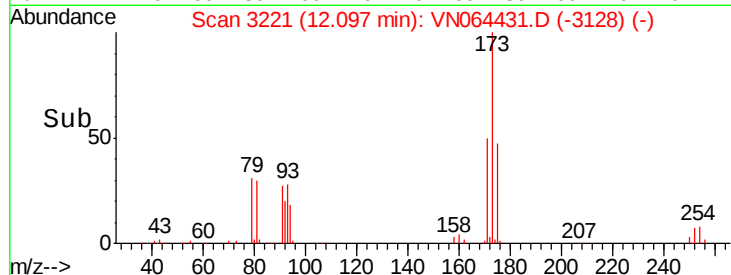
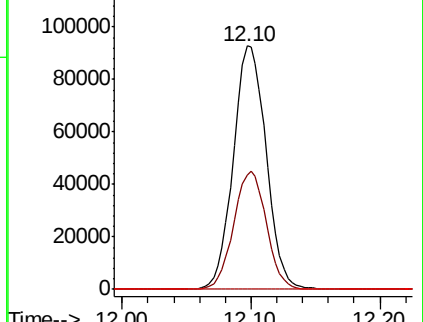
254 0.0 0.0 0.0#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

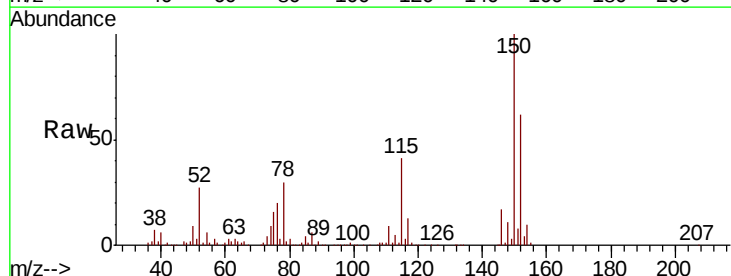
Tgt Ion:152 Resp: 257360

Ion Ratio Lower Upper

152 100

115 65.8 32.0 96.0

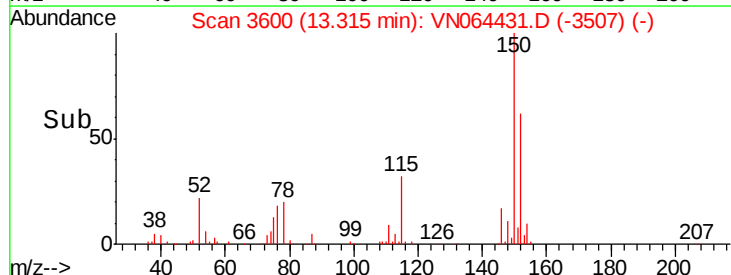
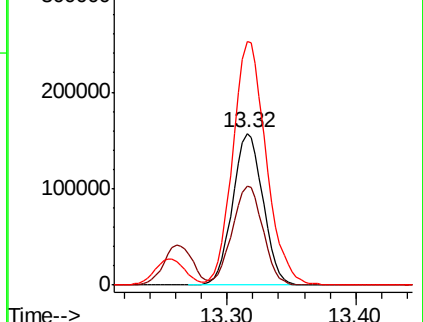
150 176.1 0.0 353.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.052 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

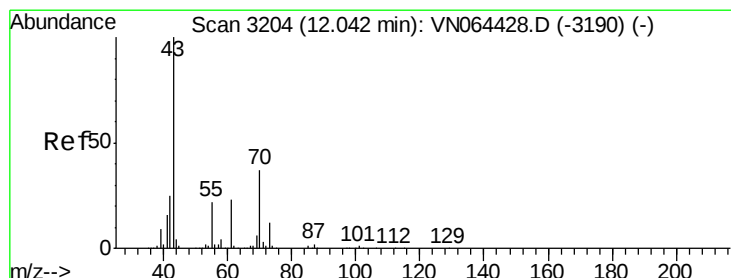
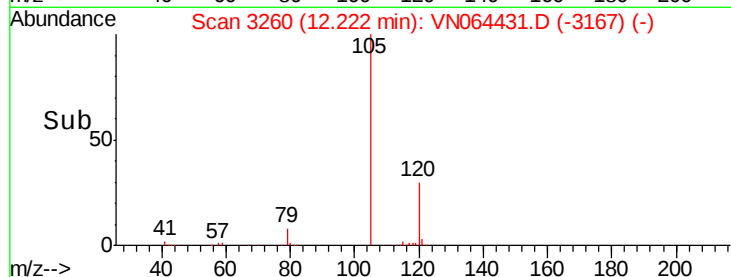
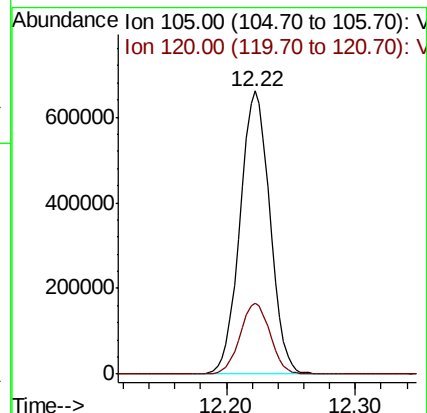
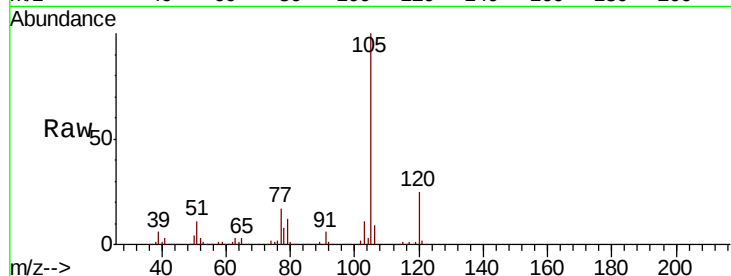
ICVVN110420

Tot Ion:105 Resp: 1064766

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 49.900 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion: 43 Resp: 495040

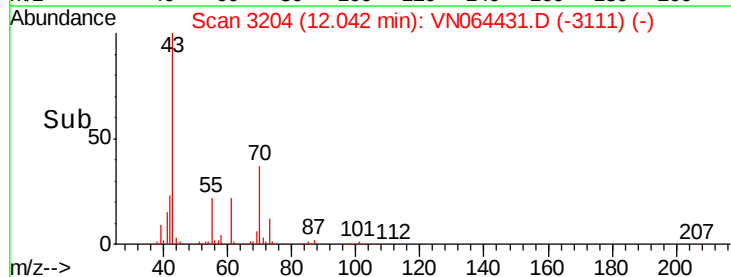
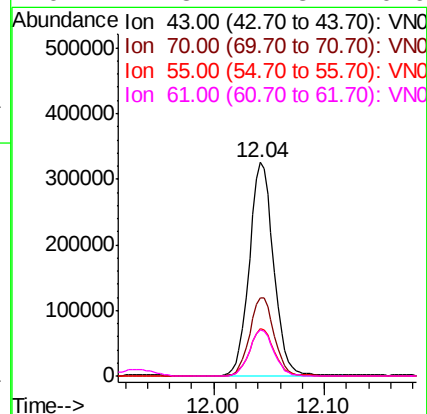
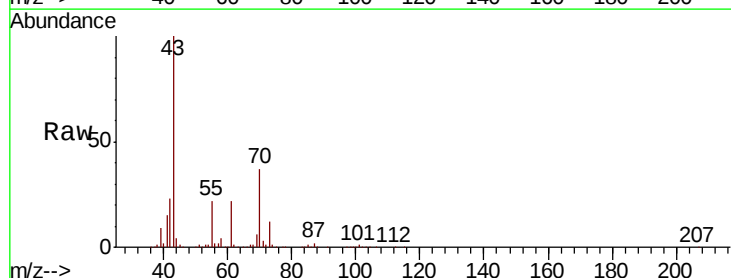
Ion Ratio Lower Upper

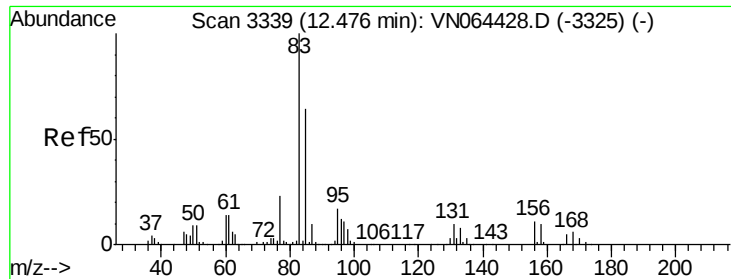
43 100

70 37.3 29.6 44.4

55 22.6 18.4 27.6

61 21.8 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.463 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

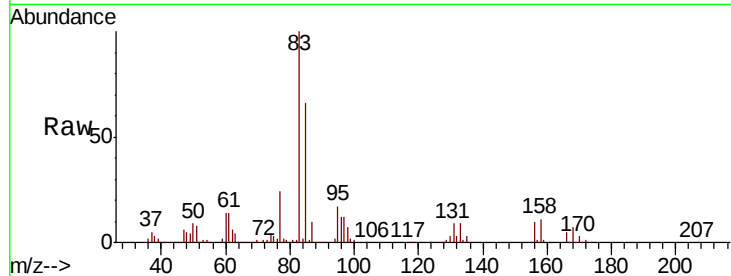
Tot Ion: 83 Resp: 310775

Ion Ratio Lower Upper

83 100

131 9.5 4.9 14.7

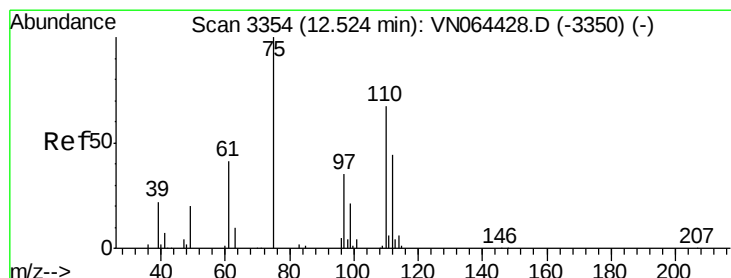
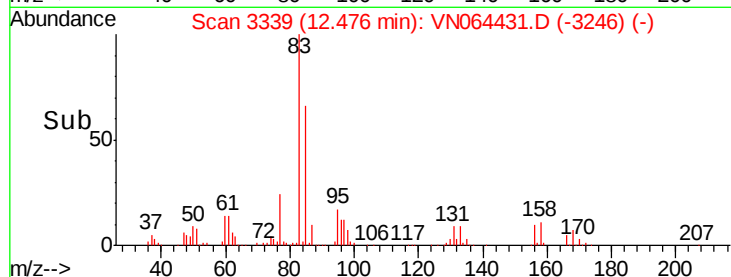
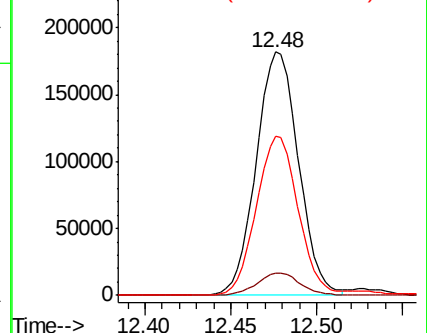
85 64.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064431.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064431.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064431.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 72.058 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064431.D

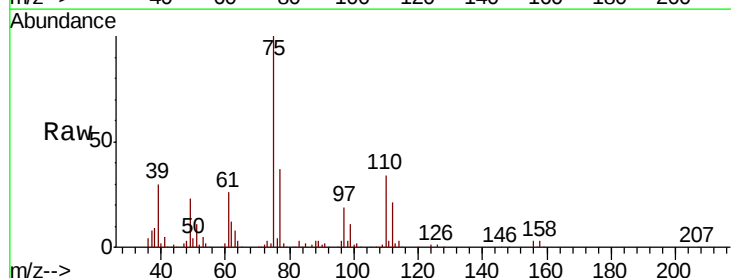
Acq: 4 Nov 2020 12:47

Tgt Ion: 75 Resp: 449324

Ion Ratio Lower Upper

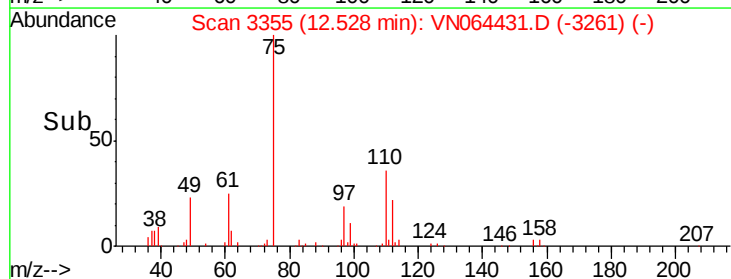
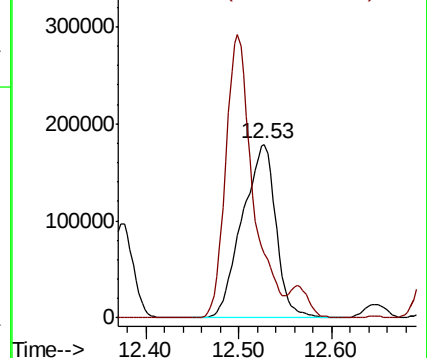
75 100

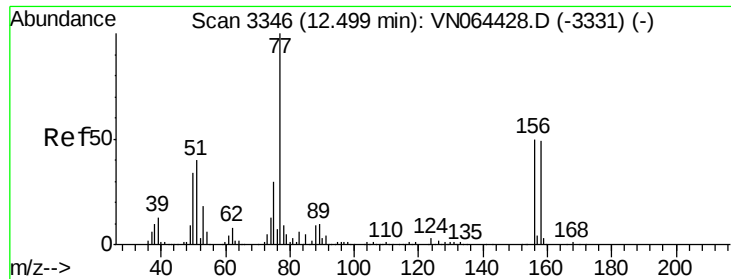
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064431.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064431.D (-3261) (-)





#77

Bromobenzene

Concen: 49.390 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVFN110420

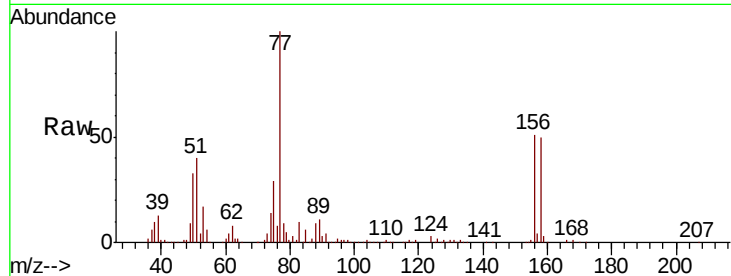
Tot Ion:156 Resp: 246661

Ion Ratio Lower Upper

156 100

77 241.5 119.0 357.0

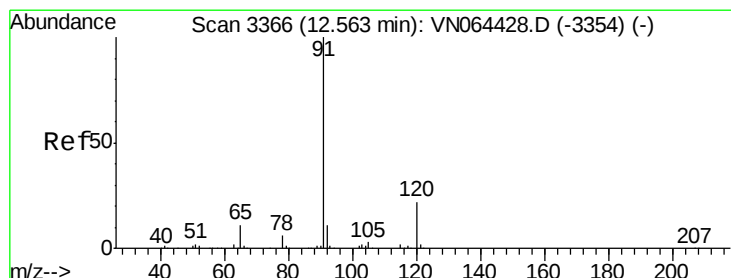
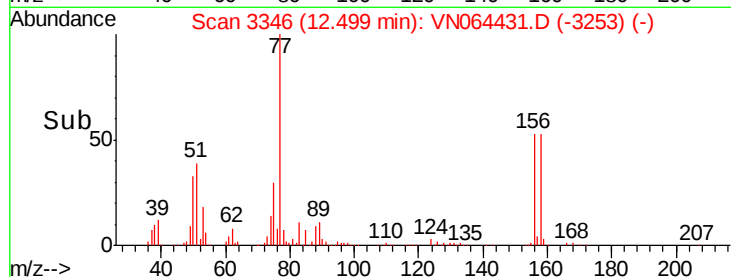
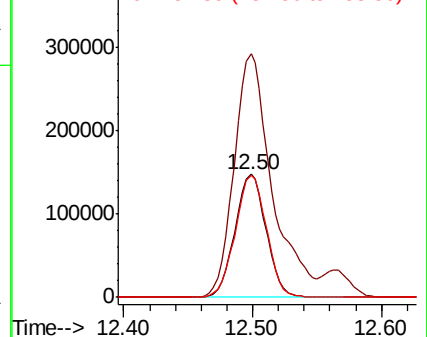
158 99.8 48.4 145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.339 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN064431.D

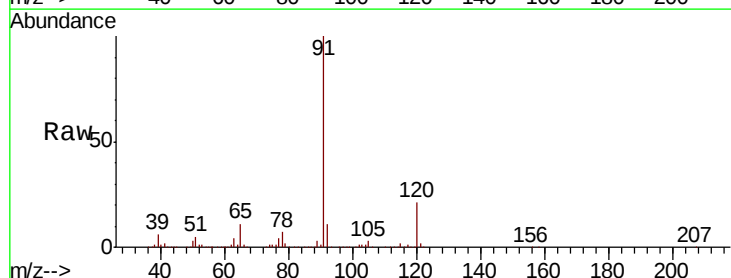
Acq: 4 Nov 2020 12:47

Tgt Ion: 91 Resp: 1220595

Ion Ratio Lower Upper

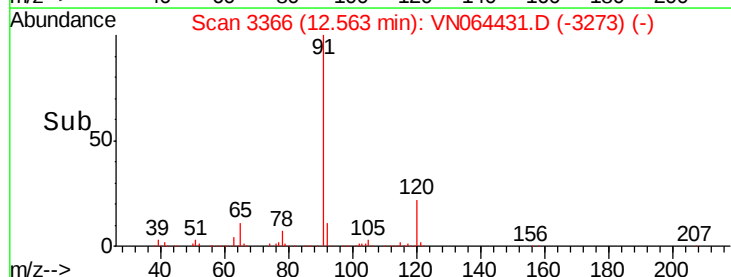
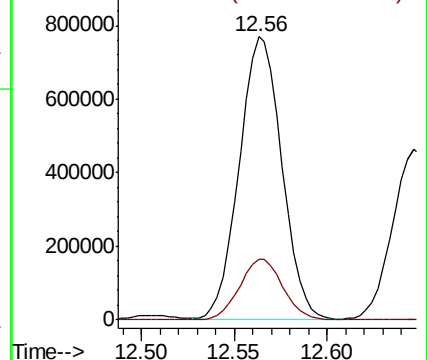
91 100

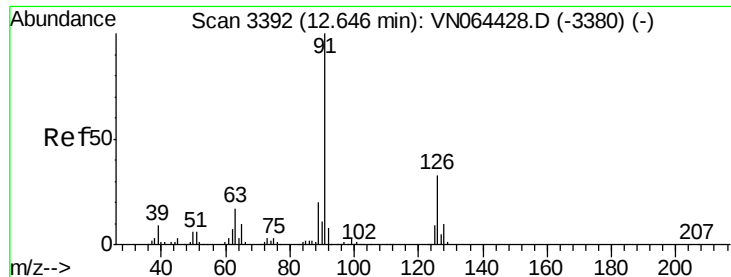
120 21.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.551 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

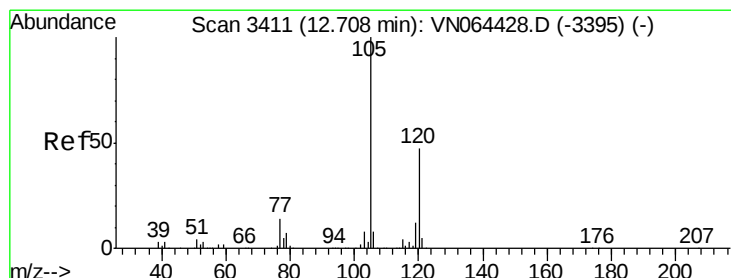
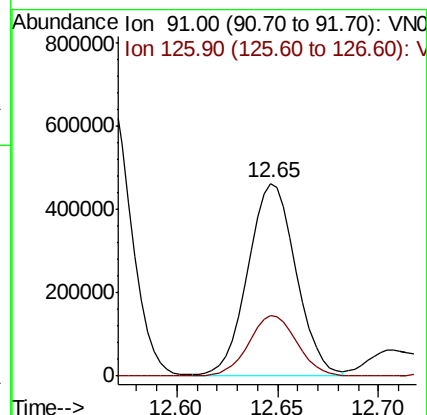
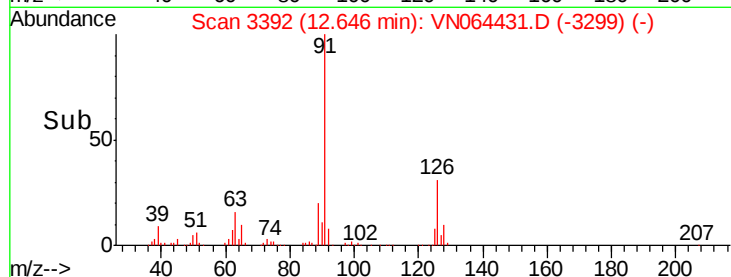
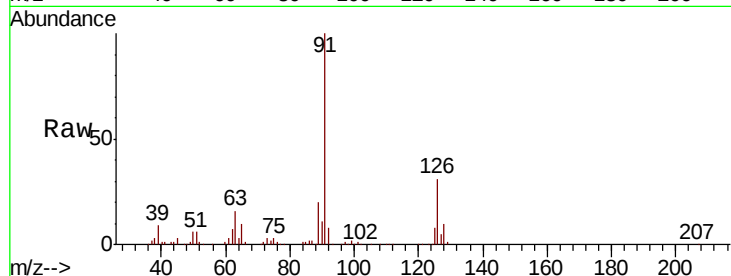
ICVFN110420

Tot Ion: 91 Resp: 762502

Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 52.609 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064431.D

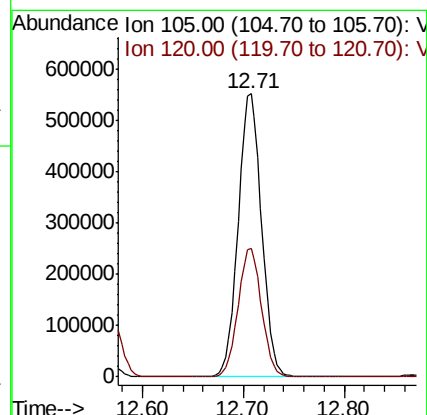
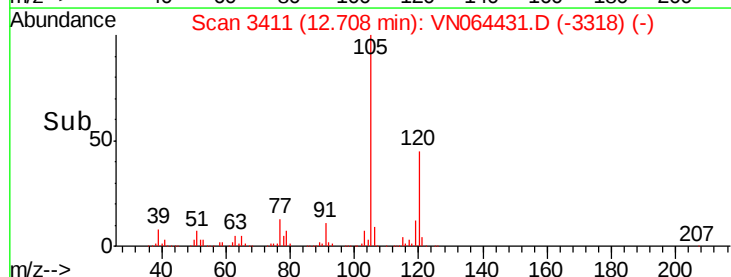
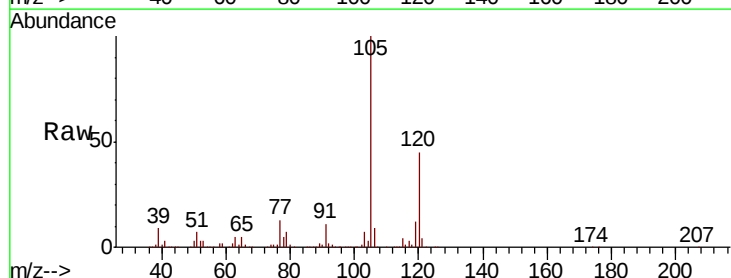
Acq: 4 Nov 2020 12:47

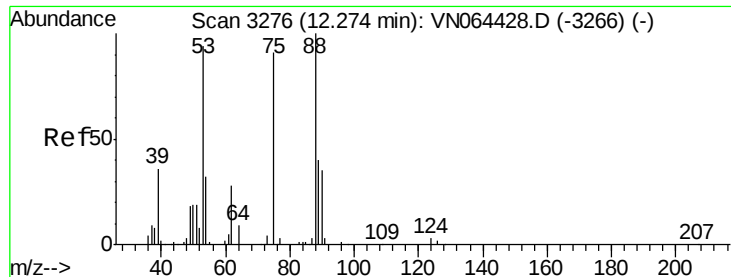
Tgt Ion: 105 Resp: 887799

Ion Ratio Lower Upper

105 100

120 45.5 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 51.580 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

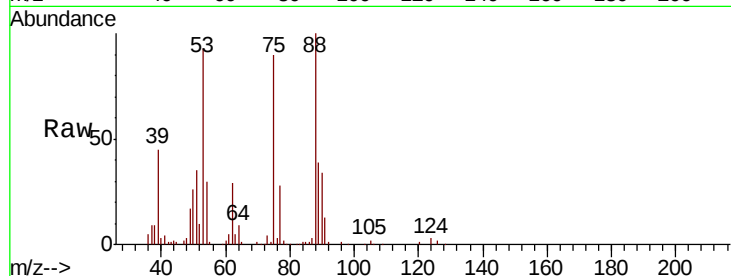
Tot Ion: 75 Resp: 115193

Ion Ratio Lower Upper

75 100

53 107.3 84.0 126.0

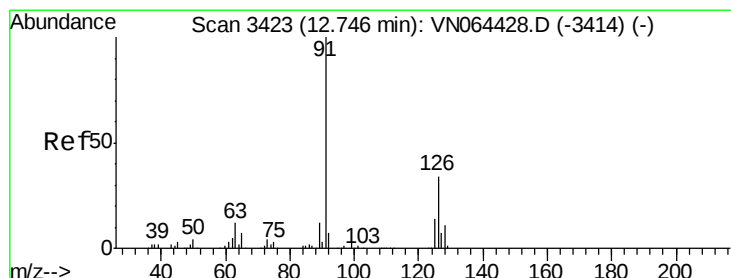
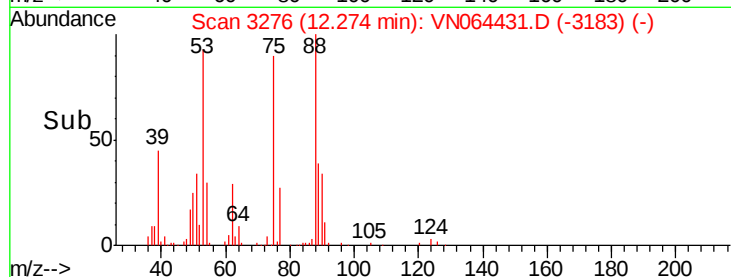
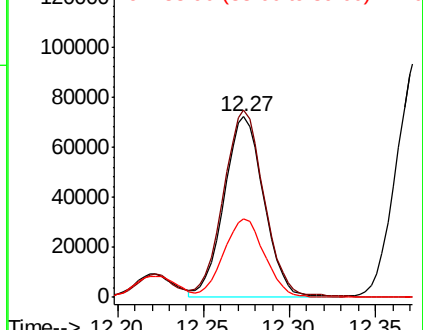
89 45.0 36.3 54.5



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 52.666 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064431.D

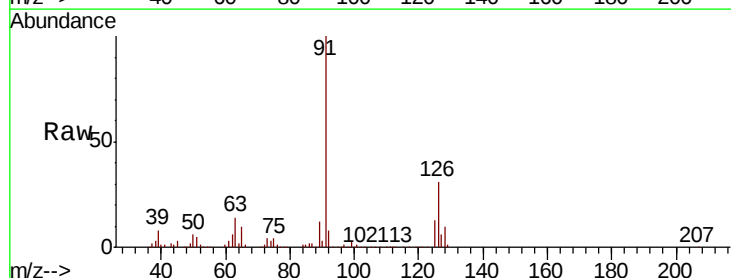
Acq: 4 Nov 2020 12:47

Tgt Ion: 91 Resp: 815814

Ion Ratio Lower Upper

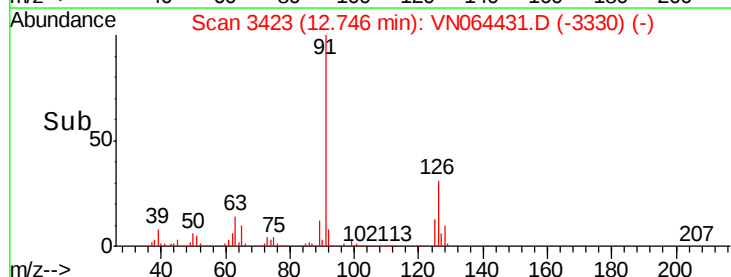
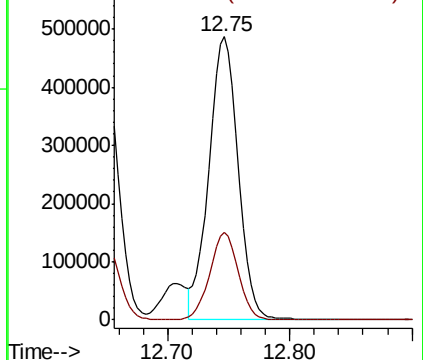
91 100

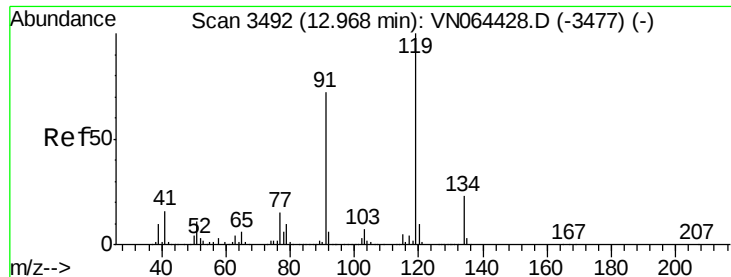
126 30.5 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

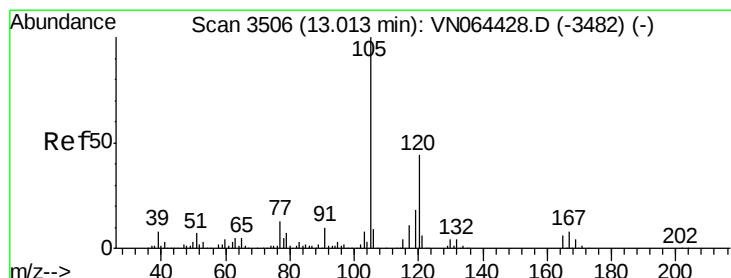
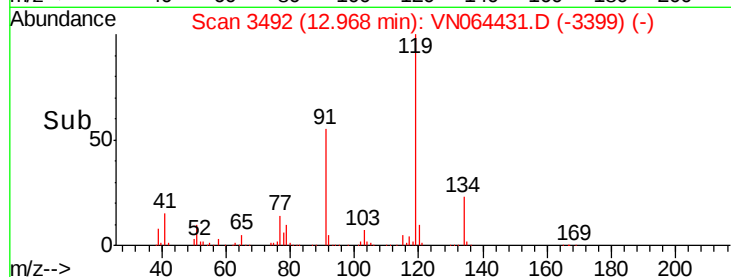
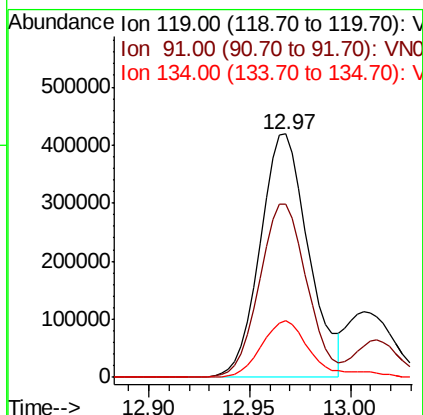
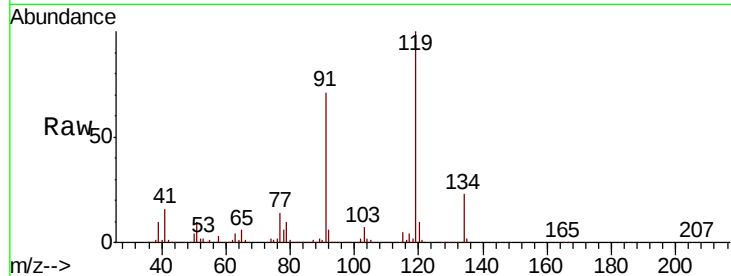




#83
tert-Butylbenzene
Concen: 52.996 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

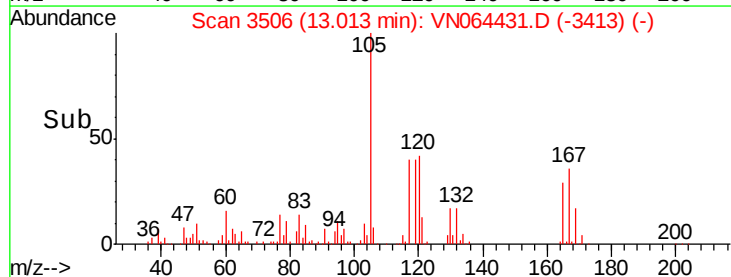
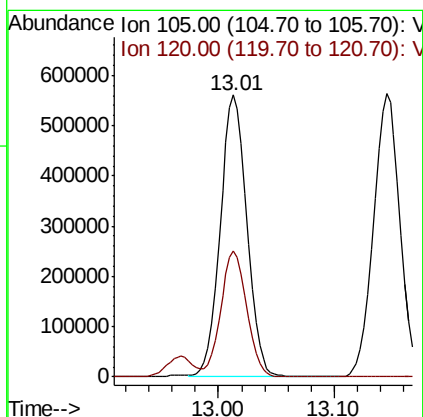
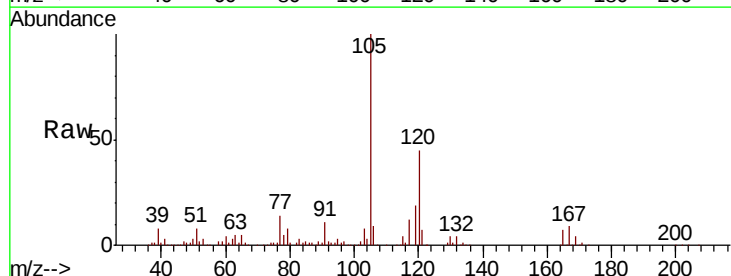
Instrument :
MSVOA_N
ClientSampled :
ICVNN110420

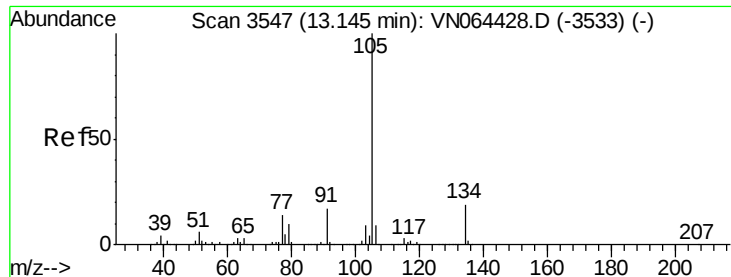
Tot Ion:119 Resp: 698479
Ion Ratio Lower Upper
119 100
91 69.7 36.1 108.3
134 24.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 52.598 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion:105 Resp: 892296
Ion Ratio Lower Upper
105 100
120 43.8 21.9 65.7





#85

sec-Butylbenzene

Concen: 53.465 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

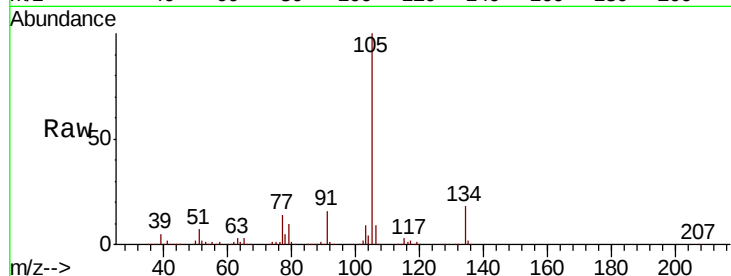
ICVFN110420

Tot Ion:105 Resp: 892436

Ion Ratio Lower Upper

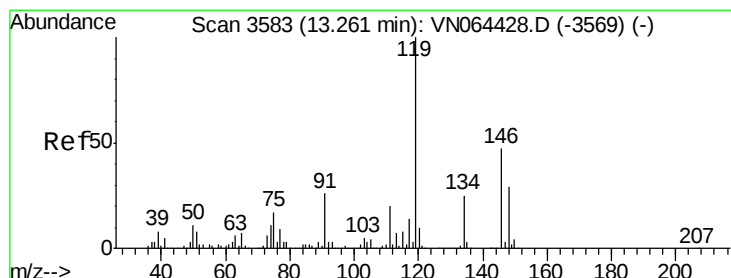
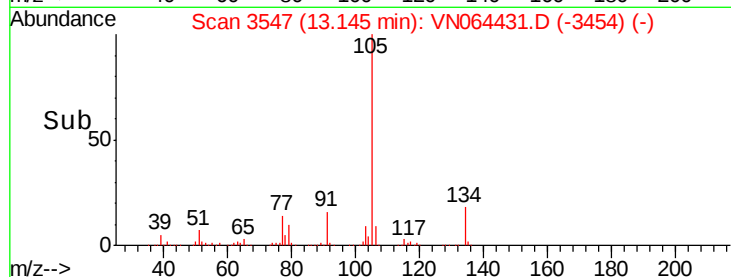
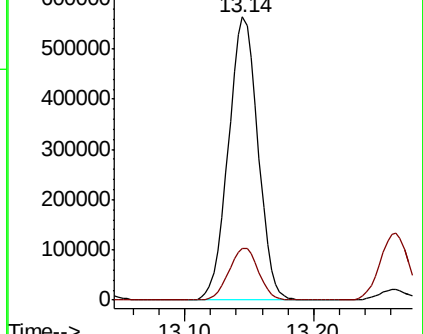
105 100

134 18.6 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.101 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

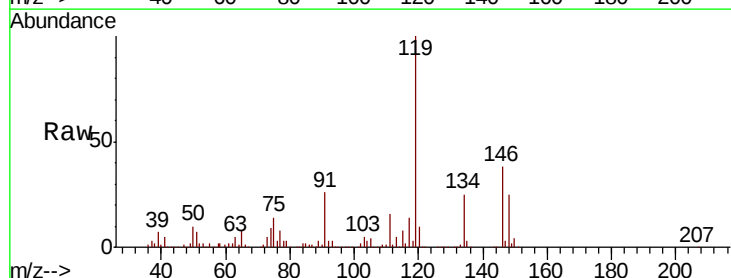
Tgt Ion:119 Resp: 812287

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.6

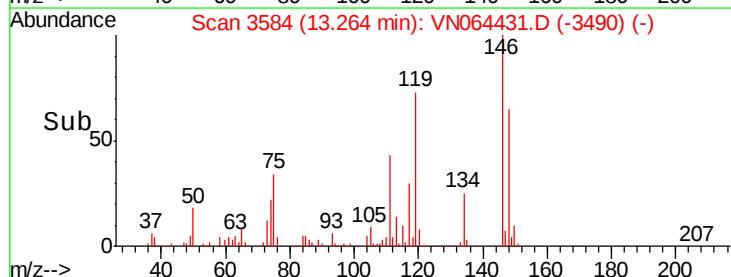
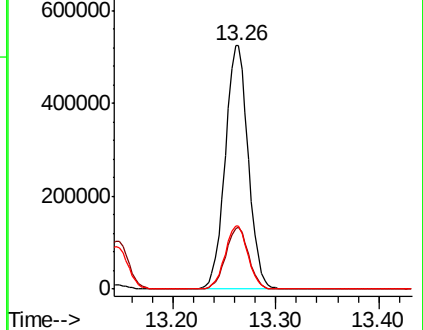
91 26.1 12.8 38.3

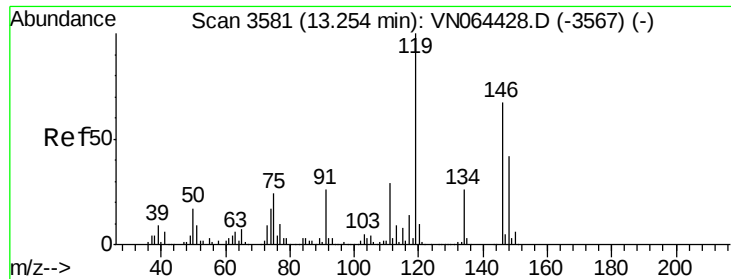


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 51.172 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. 0.00 min

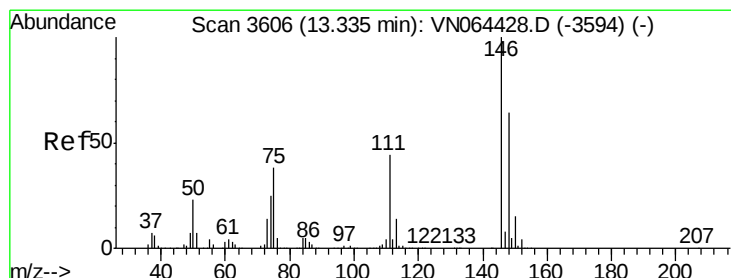
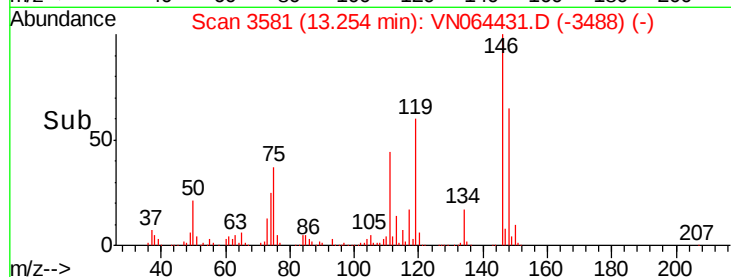
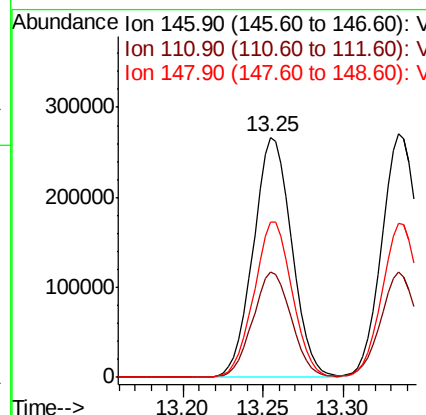
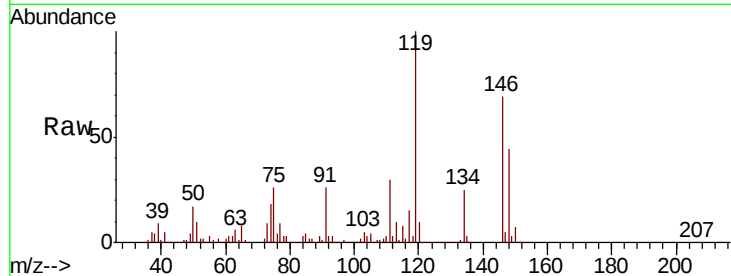
Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVVN110420

Tot Ion:146 Resp: 441767

Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.1	66.1
148	64.4	31.7	95.1



#88

1,4-Dichlorobenzene

Concen: 49.670 ug/l

RT: 13.33 min Scan# 3606

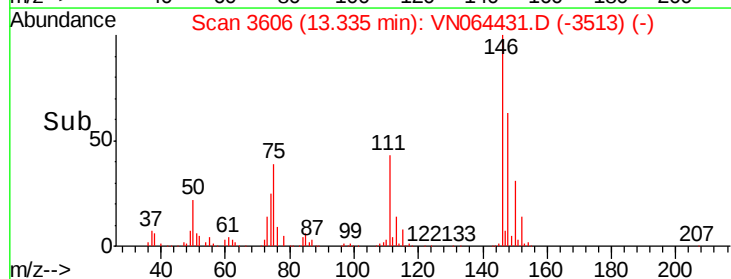
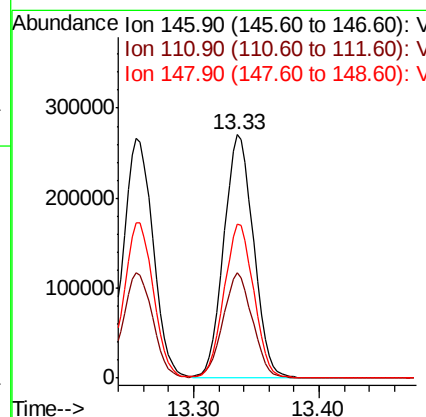
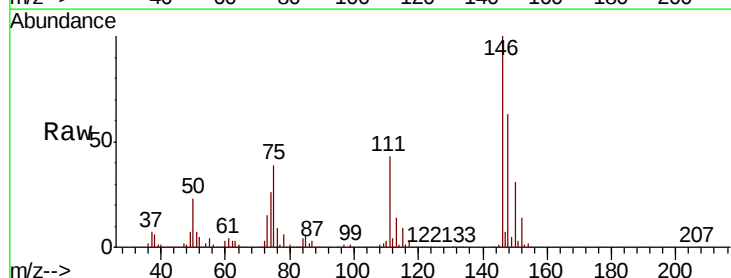
Delta R.T. 0.00 min

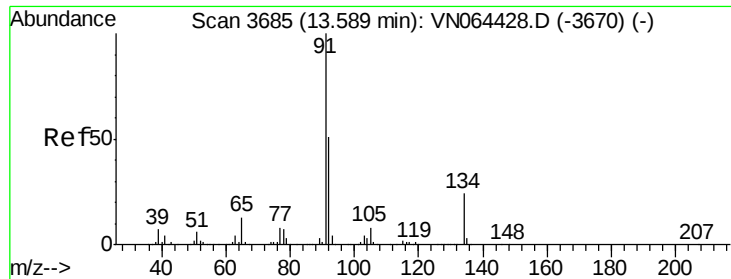
Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Tgt Ion:146 Resp: 443136

Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.3
148	63.4	32.4	97.2

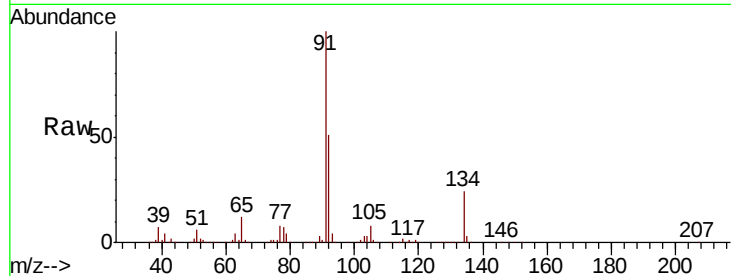




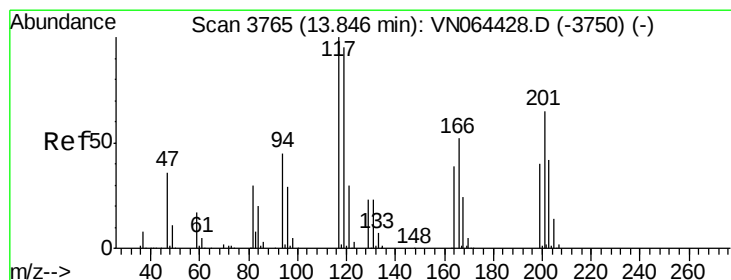
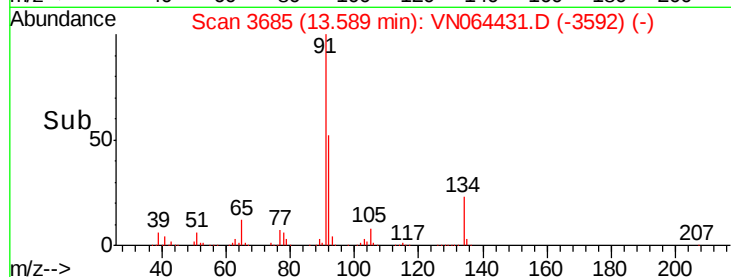
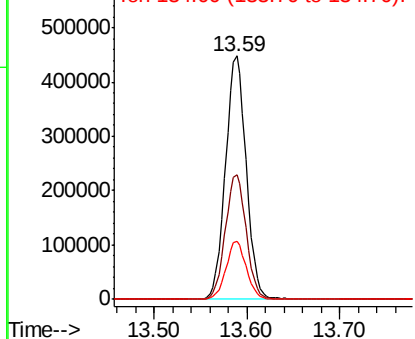
#89
n-Butylbenzene
Concen: 53.743 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Instrument :
MSVOA_N
ClientSampleId :
ICVFN110420

Tot Ion: 91 Resp: 693777
Ion Ratio Lower Upper
91 100
92 51.5 25.3 75.9
134 23.3 11.8 35.4

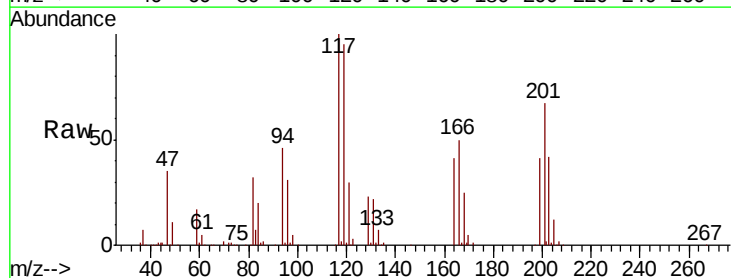


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

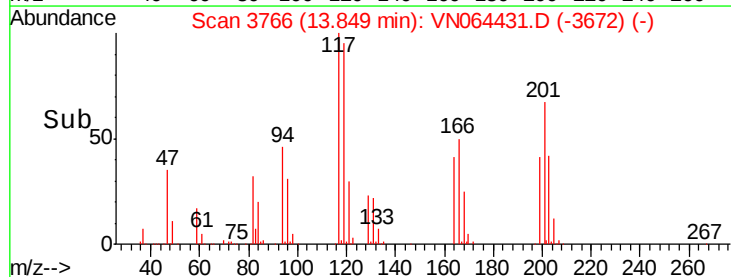
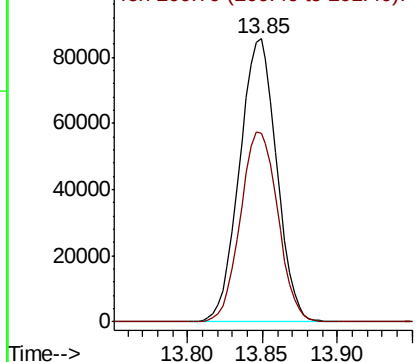


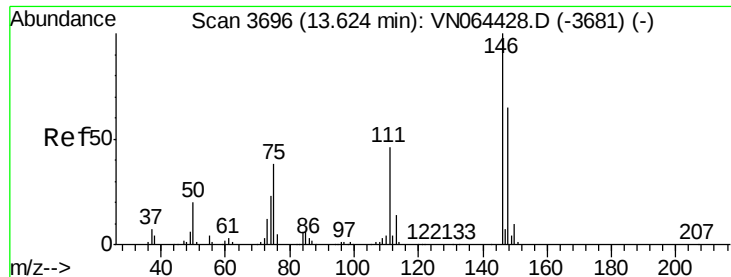
#90
Hexachloroethane
Concen: 51.086 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064431.D
Acq: 4 Nov 2020 12:47

Tgt Ion: 117 Resp: 147960
Ion Ratio Lower Upper
117 100
201 67.6 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 52.093 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

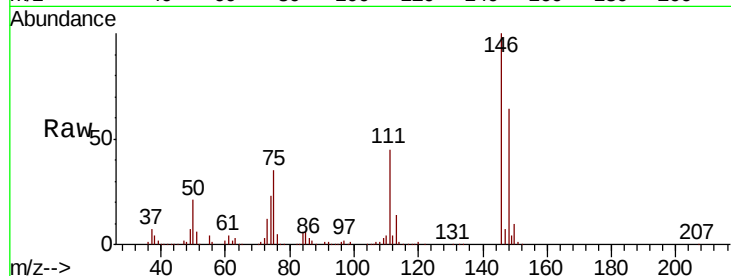
Tot Ion:146 Resp: 432592

Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.7

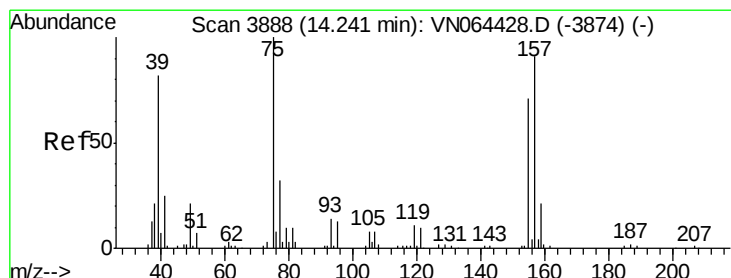
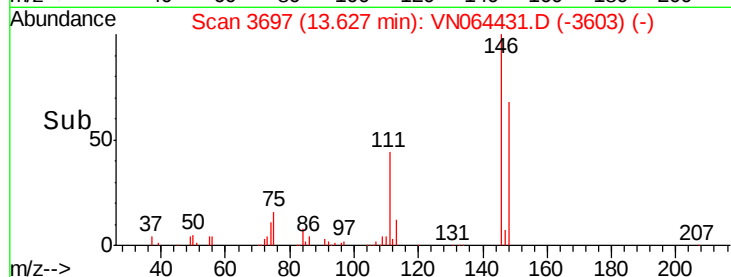
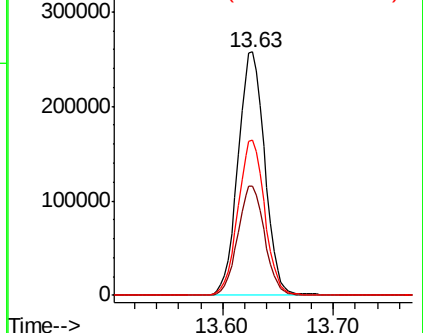
148 63.5 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.772 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

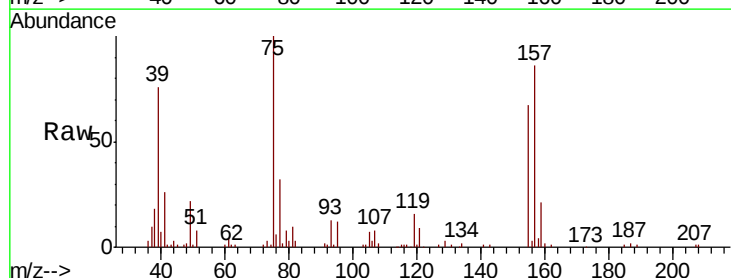
Tgt Ion: 75 Resp: 67265

Ion Ratio Lower Upper

75 100

155 67.3 34.6 103.9

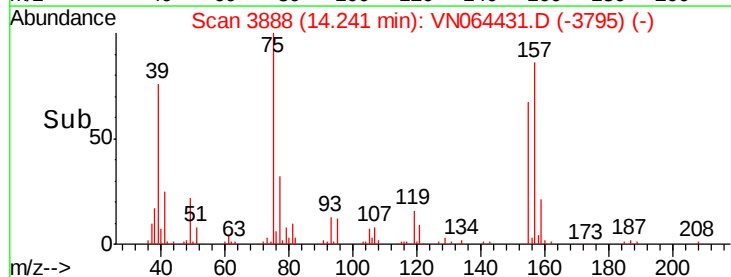
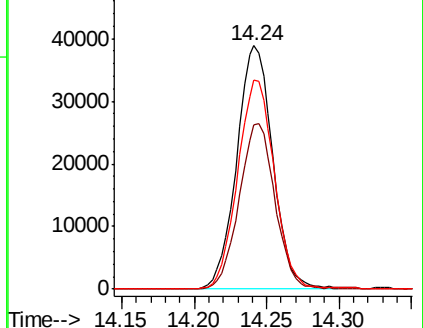
157 87.0 43.0 128.8

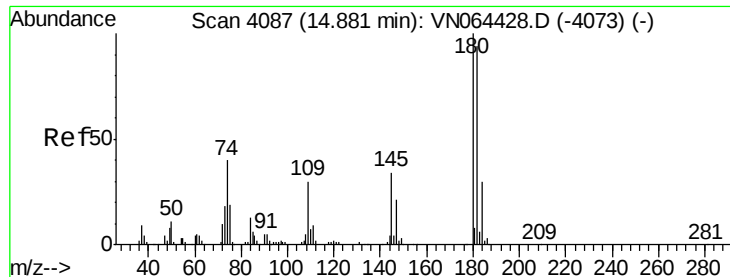


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

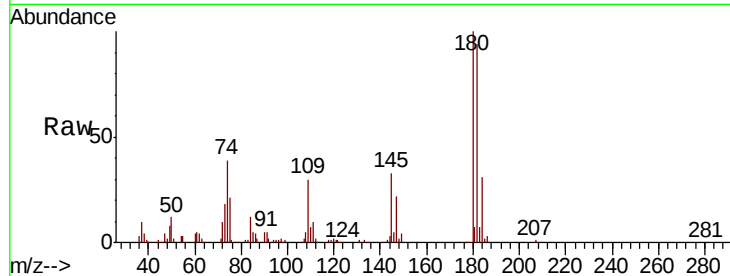




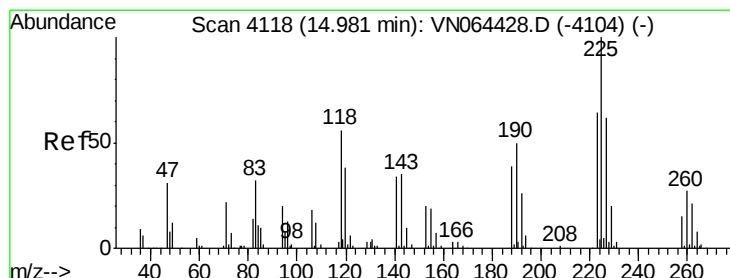
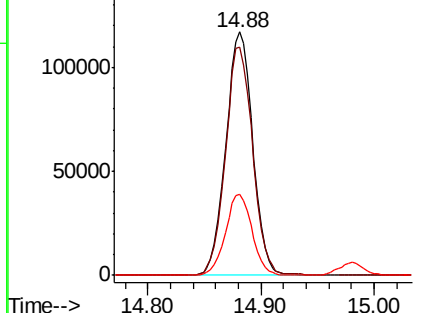
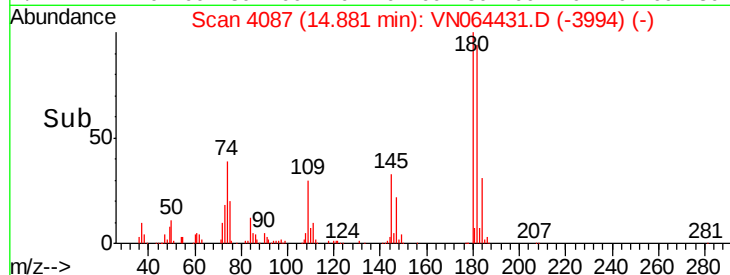
#93
 1,2,4-Trichlorobenzene
 Concen: 47.063 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN110420

Tot Ion:180 Resp: 193673
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.3 142.0
 145 32.8 16.7 50.1

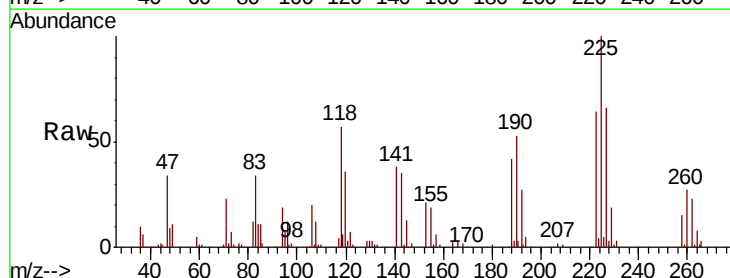


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

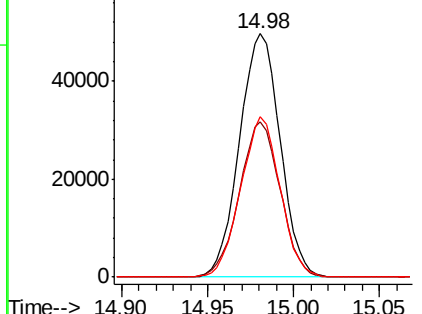
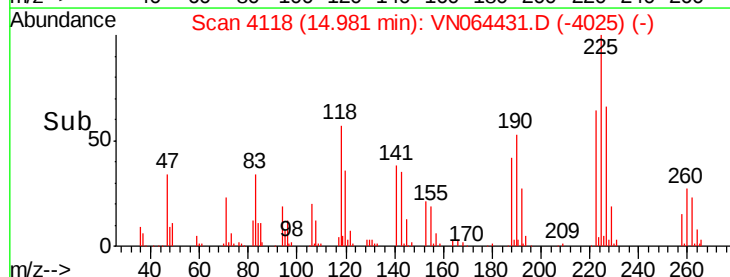


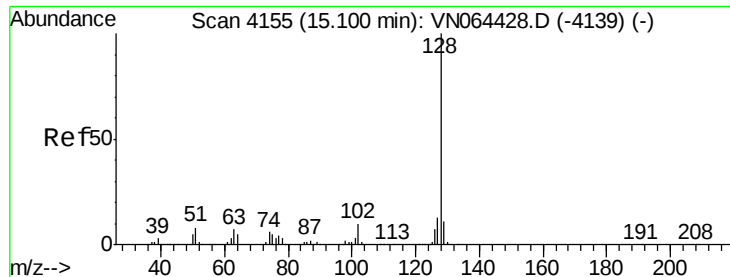
#94
 Hexachlorobutadiene
 Concen: 48.339 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064431.D
 Acq: 4 Nov 2020 12:47

Tgt Ion:225 Resp: 81728
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.8 95.4
 227 63.7 31.8 95.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 43.833 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

Instrument :

MSVOA_N

ClientSampleId :

ICVVN110420

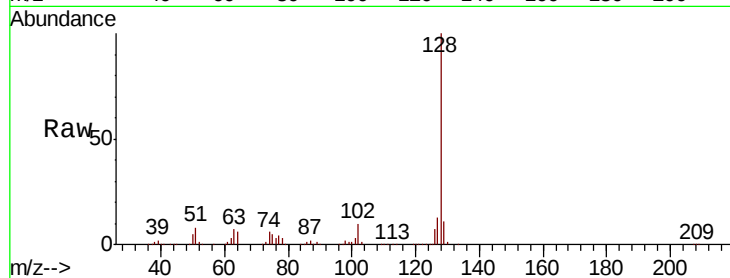
Tot Ion:128 Resp: 611921

Ion Ratio Lower Upper

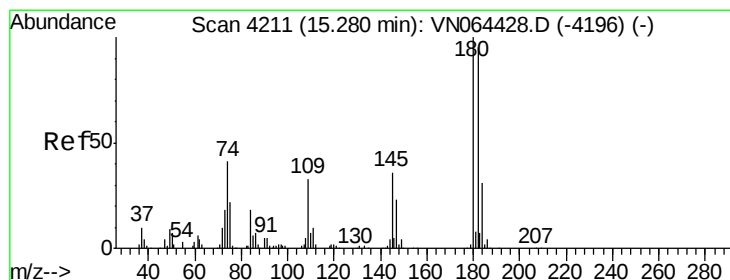
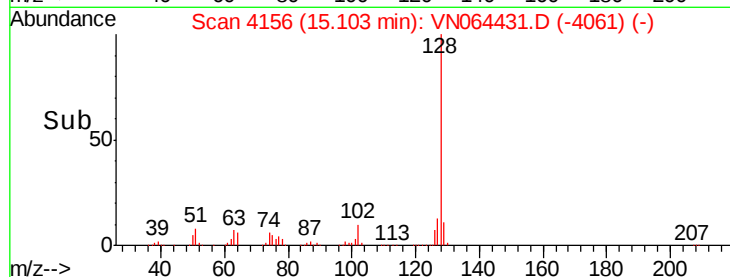
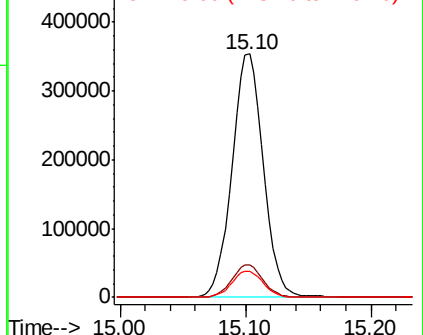
128 100

127 13.2 10.5 15.7

129 10.9 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



#96

1,2,3-Trichlorobenzene

Concen: 45.544 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064431.D

Acq: 4 Nov 2020 12:47

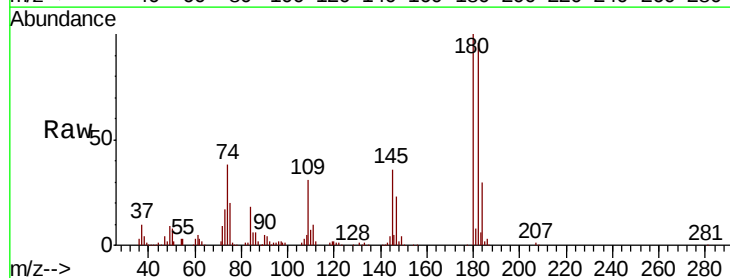
Tgt Ion:180 Resp: 180918

Ion Ratio Lower Upper

180 100

182 97.0 47.7 143.1

145 35.8 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

