

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
 Data File : VN064505.D
 Acq On : 9 Nov 2020 12:13
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 09 12:32:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110920W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 09 12:16:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	65889	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	362328	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	342402	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	183229	33.67	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.23%#
60) 4-Bromofluorobenzene	12.38	95	180669	31.02	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.40%
63) Toluene-d8	10.06	98	476346	30.71	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.84	85	231456	54.594 ug/l	97
3) Chloromethane	2.04	50	261458	58.288 ug/l	98
4) Vinyl Chloride	2.17	62	281616	60.418 ug/l	98
5) Bromomethane	2.53	94	185920	60.825 ug/l	94
6) Chloroethane	2.67	64	179540	64.835 ug/l	100
7) Trichlorofluoromethane	2.99	101	414810	55.315 ug/l	97
8) Diethyl Ether	3.37	74	147404	61.468 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.71	101	191290	51.376 ug/l	49
10) 1,1-Dichloroethene	3.69	96	185655	52.293 ug/l	98
11) Methyl Iodide	3.91	142	239192	51.010 ug/l	96
12) Methyl Acetate	4.29	43	235292	61.568 ug/l	96
13) Acrolein	3.57	56	111209	307.354 ug/l	98
14) Acrylonitrile	4.94	53	519944	305.821 ug/l	99
15) Acetone	3.78	58	174337	297.232 ug/l	98
16) Carbon Disulfide	4.00	76	548558	53.682 ug/l	98
17) Allyl chloride	4.27	41	355317	56.348 ug/l	98
18) Methylene Chloride	4.50	84	218137	52.883 ug/l	97
19) trans-1,2-Dichloroethene	4.99	96	209503	53.498 ug/l	98
20) Diisopropyl ether	5.91	45	770101	57.463 ug/l	97
21) 1,1-Dichloroethane	5.80	63	415545	54.944 ug/l	99
22) cis-1,2-Dichloroethene	6.78	96	240766	52.705 ug/l	95
23) tert-Butyl Alcohol	4.76	59	185498	291.571 ug/l #	100
24) Methyl tert-Butyl Ether	5.00	73	675127	53.653 ug/l #	72
25) Chloroform	7.33	83	441200	54.413 ug/l	95
26) Cyclohexane	7.61	56	327562	54.851 ug/l #	100
29) 1,1-Dichloropropene	7.75	75	321649	54.292 ug/l	98
30) 2-Butanone	6.79	43	834968	308.094 ug/l #	82
31) 2,2-Dichloropropane	6.78	77	385666	53.501 ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	398025	52.227 ug/l	97
33) Carbon Tetrachloride	7.74	117	350753	51.149 ug/l	98
34) Benzene	8.00	78	928786	55.485 ug/l #	92
35) Methacrylonitrile	7.13	41	161821	61.286 ug/l	97
36) 1,2-Dichloroethane	8.09	62	379408	54.945 ug/l	99
37) Trichloroethene	8.80	130	233958	50.674 ug/l	99
38) Methylcyclohexane	9.05	83	289679	54.395 ug/l	99
39) 1,2-Dichloropropane	9.08	63	251344	57.768 ug/l	98
40) Dibromomethane	9.17	93	171614	55.281 ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	364425	55.373	ug/l	98
42) Vinyl Acetate	5.85	43	3328646	293.452	ug/l	100
43) Ethyl Acetate	6.89	43	329787	62.653	ug/l	97
44) Isopropyl Acetate	8.13	43	549865	59.735	ug/l	97
45) 1,4-Dioxane	9.17	88	82099	1248.472	ug/l	99
46) Methyl methacrylate	9.17	41	272725	59.959	ug/l	99
47) n-amyl Acetate	12.05	43	491788	62.667	ug/l	100
48) t-1,3-Dichloropropene	10.35	75	391330	54.199	ug/l	99
49) cis-1,3-Dichloropropene	9.81	75	406741	54.486	ug/l	99
50) 1,1,2-Trichloroethane	10.53	97	233802	56.201	ug/l	97
51) Ethyl methacrylate	10.40	69	347414	58.256	ug/l	95
52) 1,3-Dichloropropane	10.68	76	398185	56.829	ug/l	99
53) Dibromochloromethane	10.87	129	267022	52.587	ug/l	100
54) 1,2-Dibromoethane	10.98	107	245170	55.632	ug/l	97
55) 2-Chloroethyl vinyl ether	9.66	63	901704	277.570	ug/l	99
56) Bromoform	12.10	173	176971	49.664	ug/l	97
58) 4-Methyl-2-Pentanone	9.95	43	1717436	309.493	ug/l	100
59) 2-Hexanone	10.72	43	1308310	317.704	ug/l	98
61) Tetrachloroethene	10.60	164	214741	47.056	ug/l	98
62) Toluene	10.13	91	1027007	53.197	ug/l	100
64) Chlorobenzene	11.41	112	609308	50.955	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	236809	51.084	ug/l	99
66) Ethyl Benzene	11.48	91	1137053	53.953	ug/l	100
67) m/p-Xylenes	11.59	106	837972	105.632	ug/l	98
68) o-Xylene	11.92	106	396135	52.074	ug/l	96
69) Styrene	11.94	104	697302	54.608	ug/l	99
70) Isopropylbenzene	12.22	105	1055496	53.524	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.48	83	333135	59.171	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	473182	81.570	ug/l	58
73) Bromobenzene	12.50	156	254544	50.396	ug/l	98
74) n-propylbenzene	12.57	91	1245230	56.857	ug/l	100
75) 2-Chlorotoluene	12.65	91	759063	54.794	ug/l	98
76) 1,3,5-Trimethylbenzene	12.71	105	890963	54.358	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	124529	60.354	ug/l	98
78) 4-Chlorotoluene	12.75	91	805061	55.956	ug/l	99
79) tert-butylbenzene	12.97	119	697446	54.129	ug/l	96
80) 1,2,4-Trimethylbenzene	13.01	105	915257	55.450	ug/l	99
81) sec-Butylbenzene	13.14	105	919716	55.502	ug/l	100
82) p-Isopropyltoluene	13.26	119	826895	54.605	ug/l	99
83) 1,3-Dichlorobenzene	13.26	146	453132	52.178	ug/l	99
84) 1,4-Dichlorobenzene	13.34	146	452465	52.001	ug/l	99
85) n-Butylbenzene	13.59	91	710202	58.492	ug/l	98
86) Hexachloroethane	13.85	117	161776	55.969	ug/l	100
87) 1,2-Dichlorobenzene	13.63	146	443497	53.155	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	14.24	75	75323	62.011	ug/l	98
89) 1,2,4-Trichlorobenzene	14.88	180	206448	51.415	ug/l	96
90) Hexachlorobutadiene	14.98	225	94030	44.018	ug/l	99
91) Naphthalene	15.10	128	706242	58.071	ug/l	100
92) 1,2,3-Trichlorobenzene	15.28	180	208254	51.562	ug/l	100

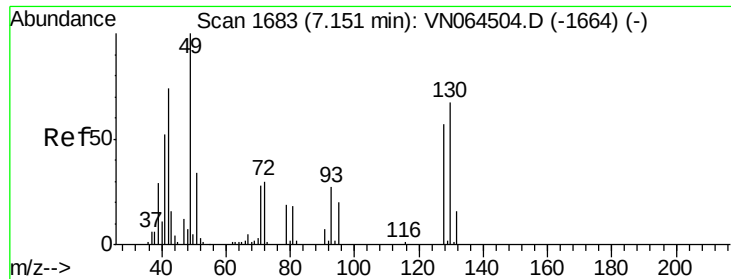
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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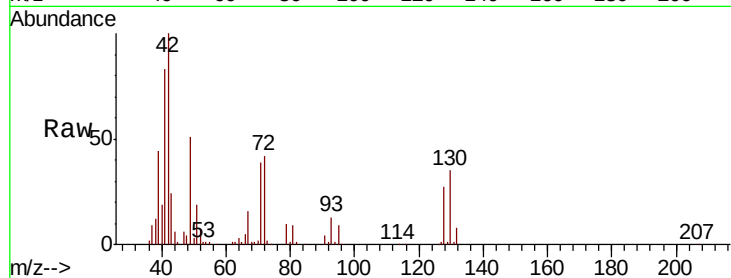
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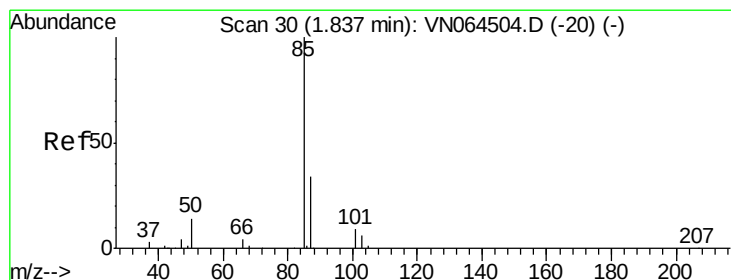
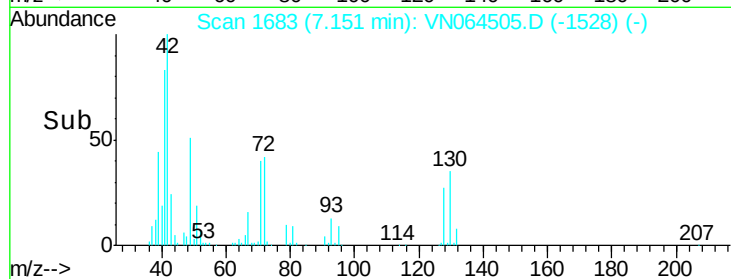
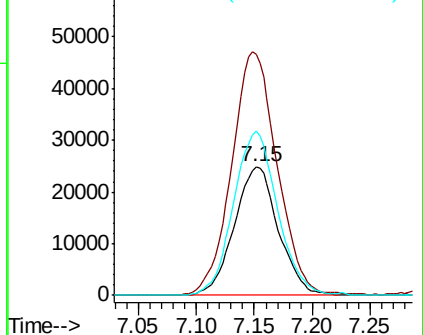
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:128 Resp: 65889
 Ion Ratio Lower Upper
 128 100
 49 194.4 0.0 475.5
 130 127.4 0.0 315.3

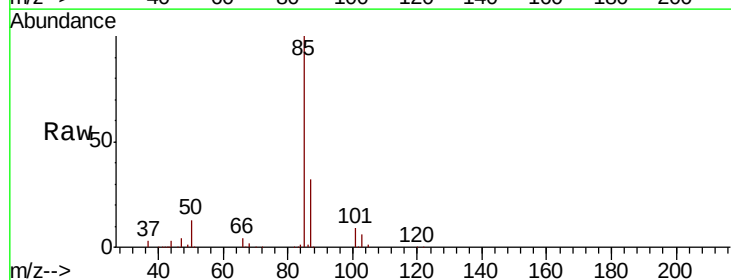


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

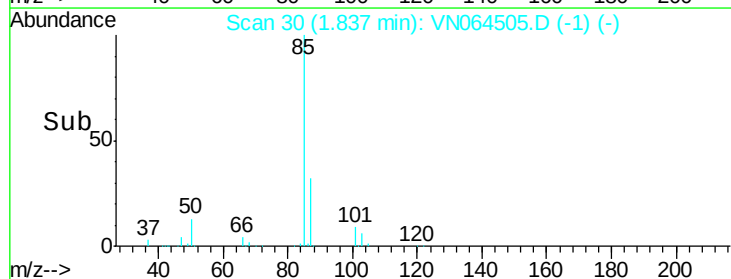
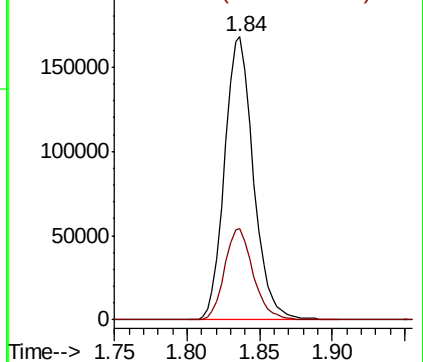


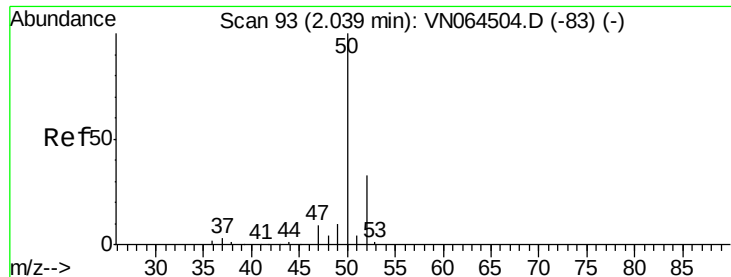
#2
 Dichlorodifluoromethane
 Concen: 54.594 ug/l
 RT: 1.84 min Scan# 30
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 85 Resp: 231456
 Ion Ratio Lower Upper
 85 100
 87 32.1 17.0 50.9



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





#3

Chloromethane

Concen: 58.288 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

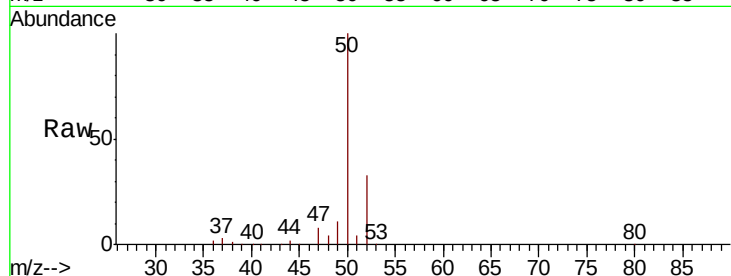
ClientSampleId :

Tot Ion: 50 Resp: 261458

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



Abundance Ion 50.00 (49.70 to 50.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

2.04

200000

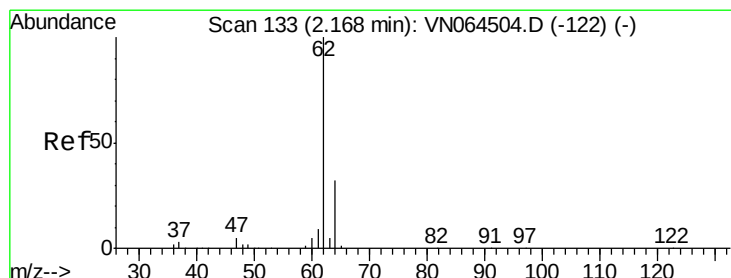
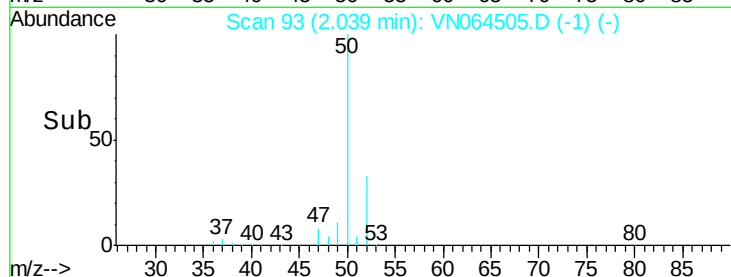
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 60.418 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064505.D

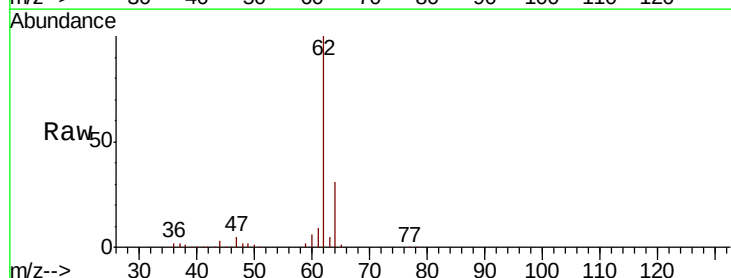
Acq: 9 Nov 2020 12:13

Tgt Ion: 62 Resp: 281616

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8



Abundance Ion 62.00 (61.70 to 62.70): VN0

Ion 64.00 (63.70 to 64.70): VN0

2.17

200000

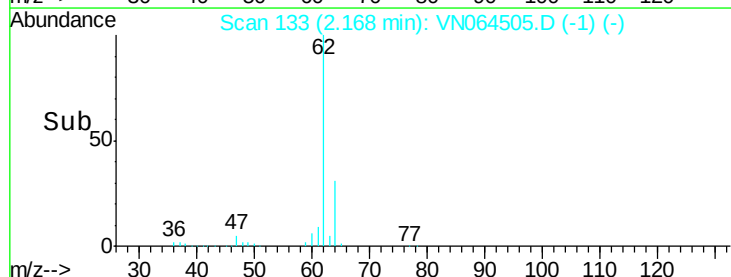
150000

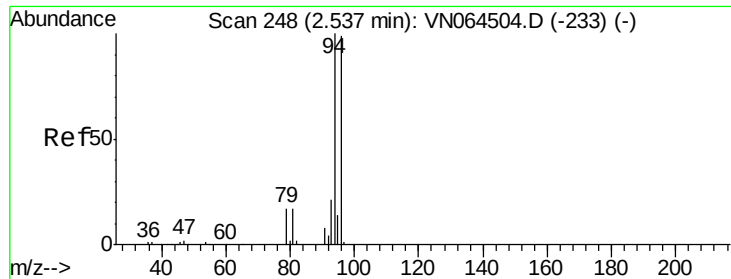
100000

50000

0

Time-->





#5

Bromomethane

Concen: 60.825 ug/l

RT: 2.53 min Scan# 246

Delta R.T. -0.01 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

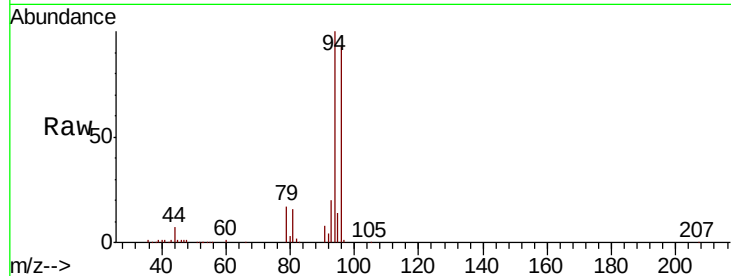
ClientSampled :

Tot Ion: 94 Resp: 185920

Ion Ratio Lower Upper

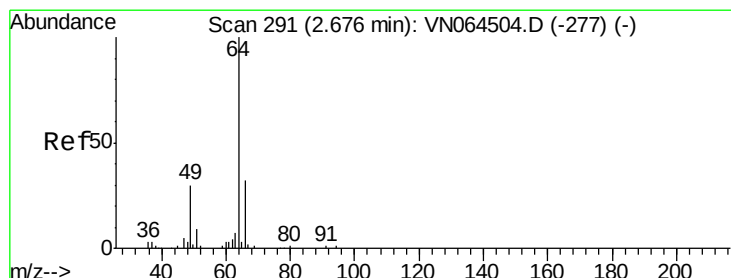
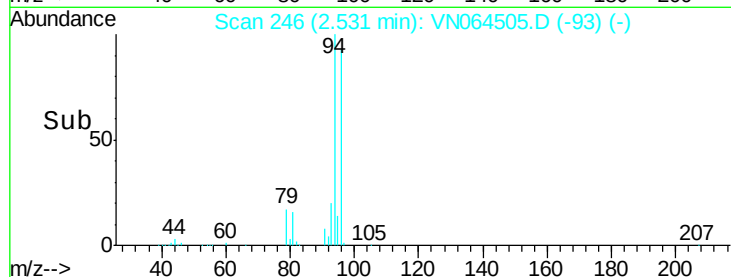
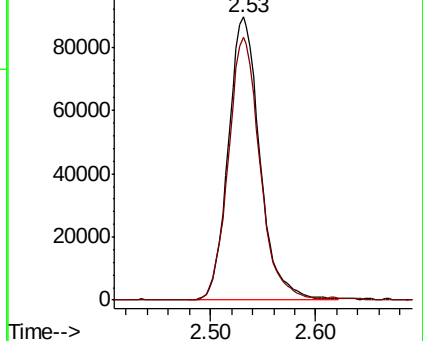
94 100

96 92.8 79.3 118.9



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 64.835 ug/l

RT: 2.67 min Scan# 290

Delta R.T. -0.00 min

Lab File: VN064505.D

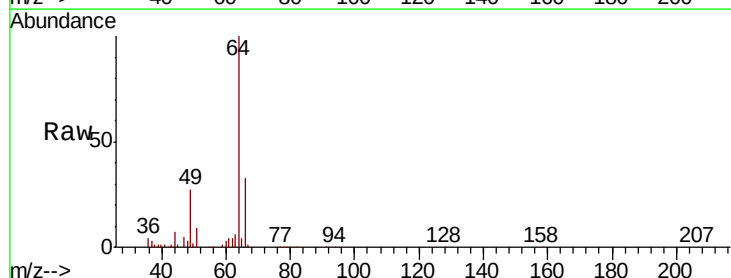
Acq: 9 Nov 2020 12:13

Tgt Ion: 64 Resp: 179540

Ion Ratio Lower Upper

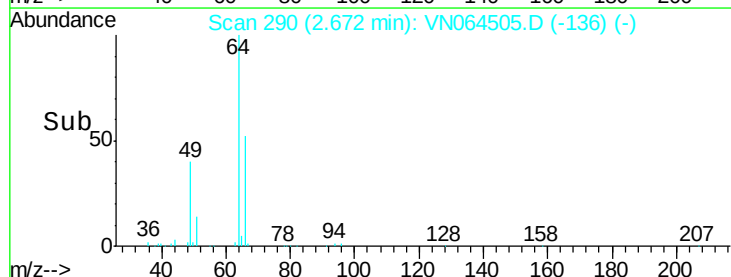
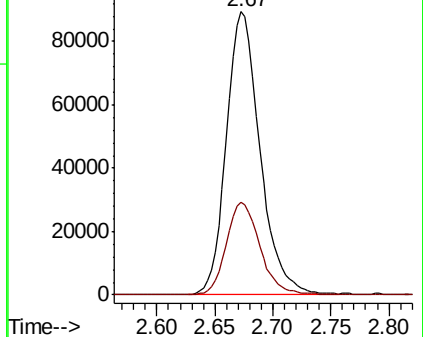
64 100

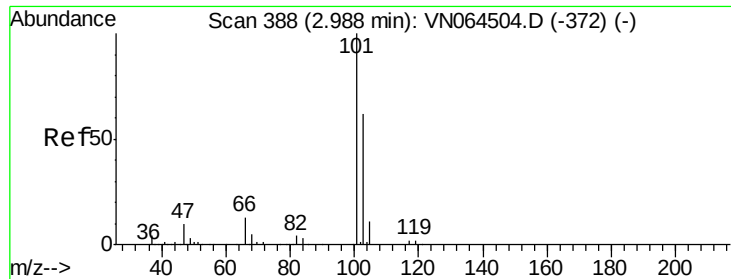
66 32.4 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



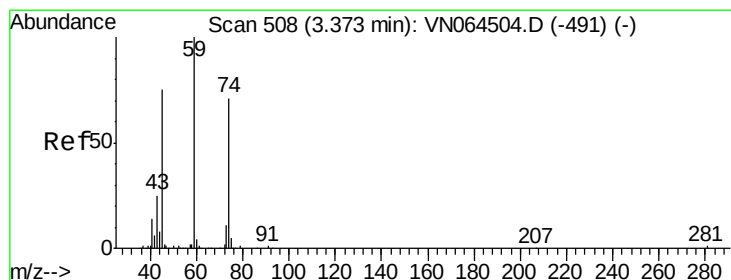
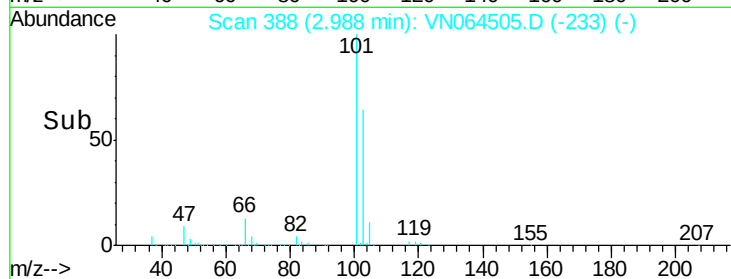
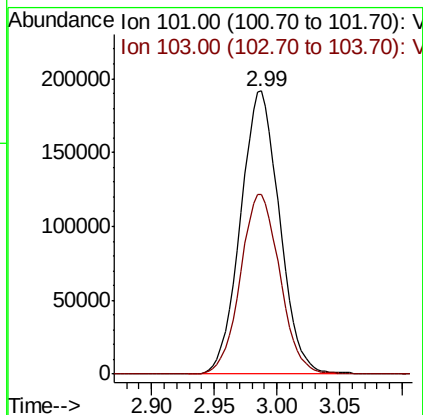
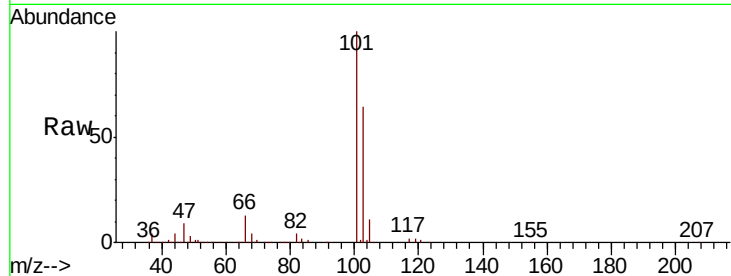


#7

Trichlorofluoromethane
 Concen: 55.315 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampled :

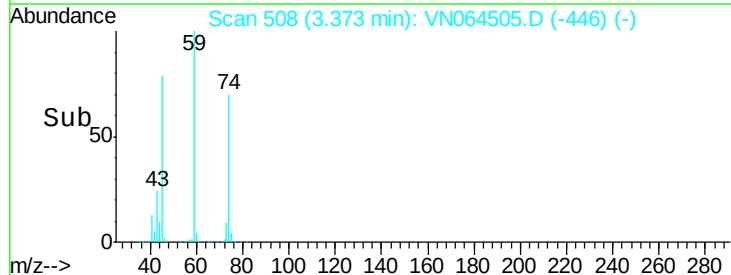
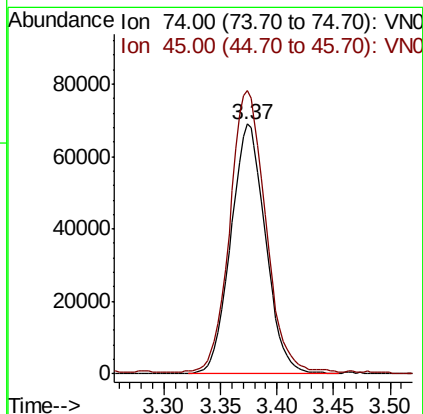
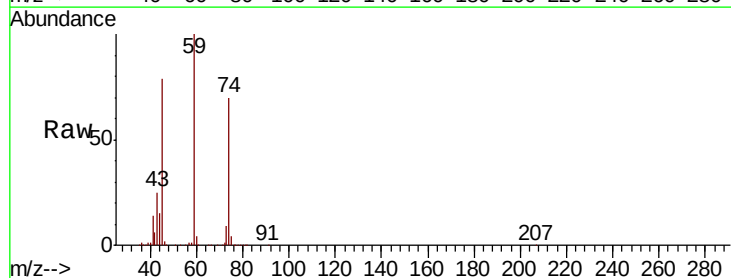
Tot Ion:101 Resp: 414810
 Ion Ratio Lower Upper
 101 100
 103 63.6 49.3 73.9

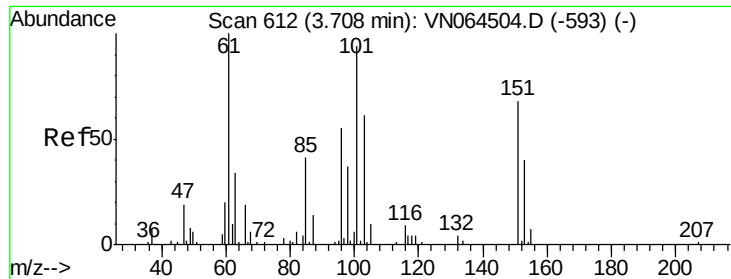


#8

Diethyl Ether
 Concen: 61.468 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 74 Resp: 147404
 Ion Ratio Lower Upper
 74 100
 45 115.6 22.1 198.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.376 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

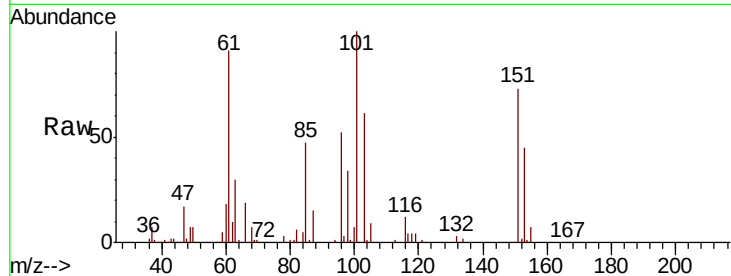
Tot Ion:101 Resp: 191290

Ion Ratio Lower Upper

101 100

85 48.1 0.0 49.0

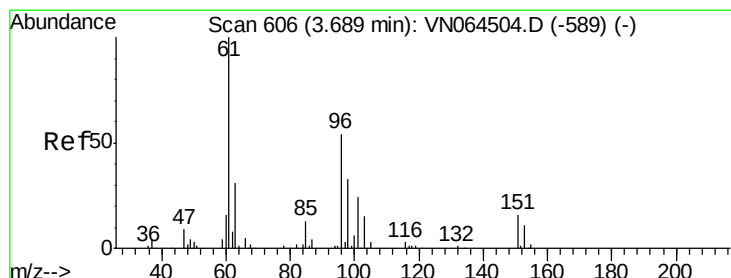
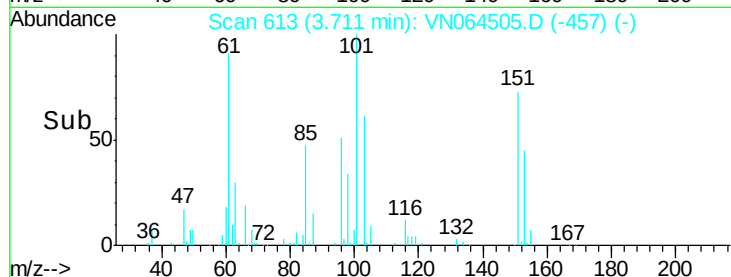
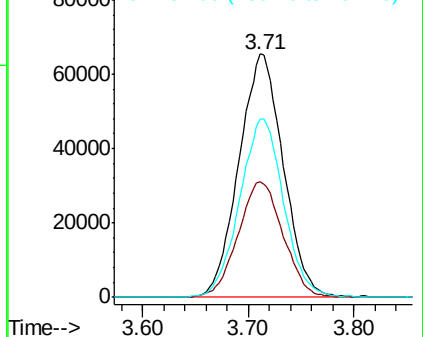
151 72.8 0.0 80.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 52.293 ug/l

RT: 3.69 min Scan# 607

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

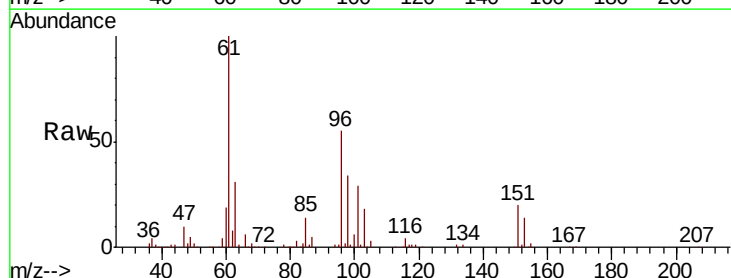
Tgt Ion: 96 Resp: 185655

Ion Ratio Lower Upper

96 100

61 182.3 149.2 223.8

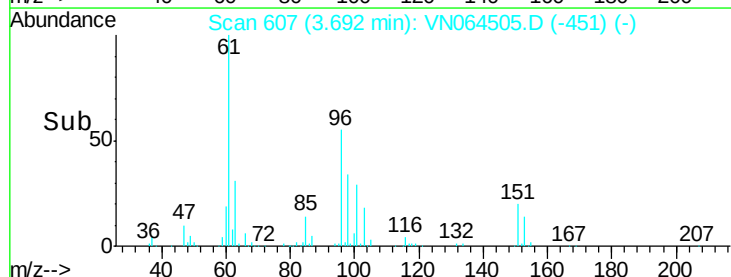
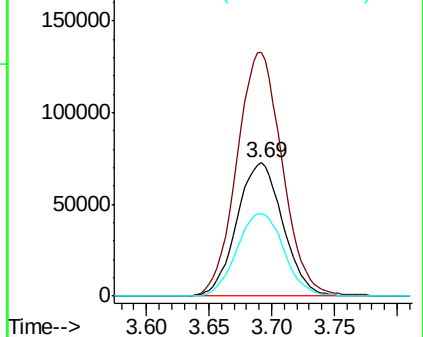
98 61.8 49.6 74.4

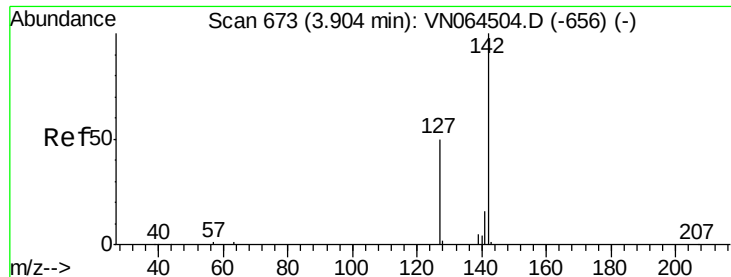


Abundance Ion 96.00 (95.70 to 96.70): VN

Ion 61.00 (60.70 to 61.70): VN

Ion 98.00 (97.70 to 98.70): VN

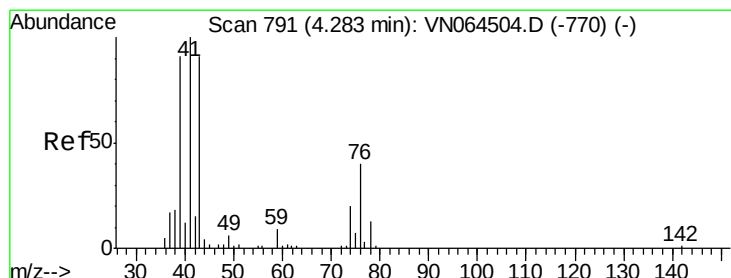
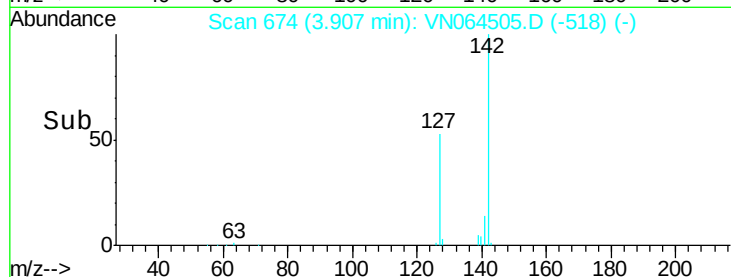
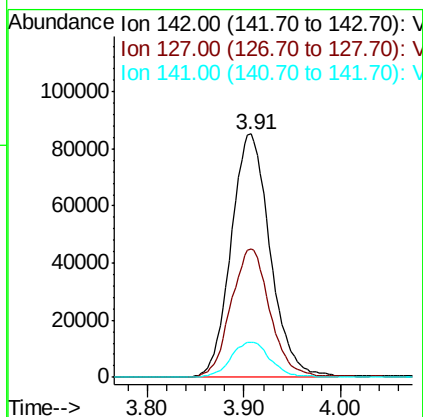
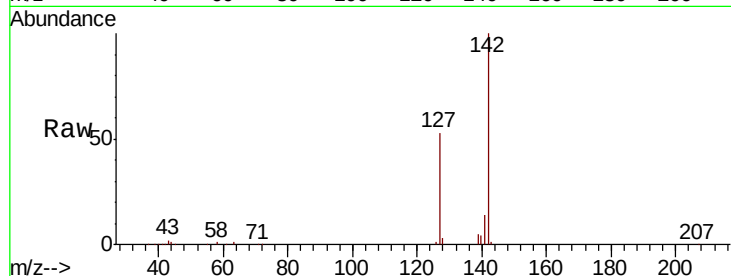




#11
Methvl Iodide
Concen: 51.010 ug/l
RT: 3.91 min Scan# 674
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

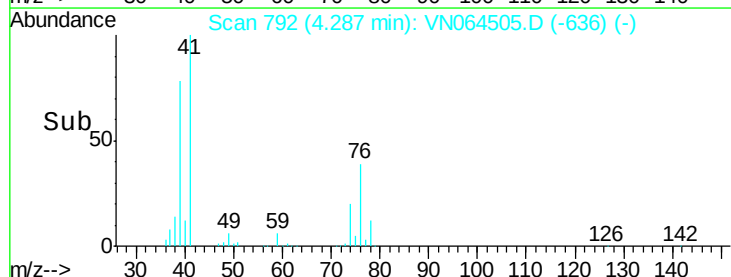
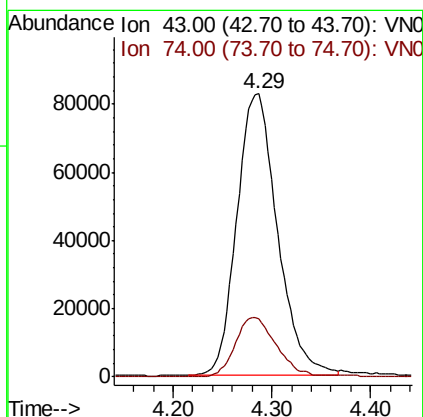
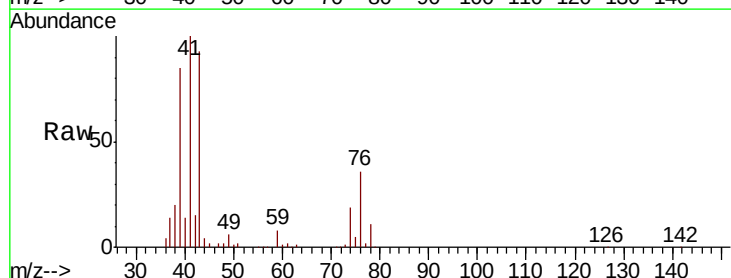
Instrument :
MSVOA_N
ClientSampled :

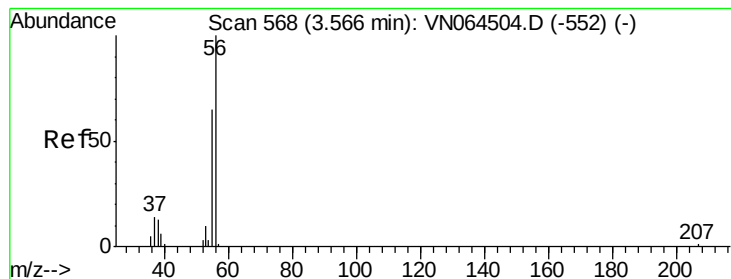
Tot Ion:142 Resp: 239192
Ion Ratio Lower Upper
142 100
127 52.8 24.7 74.1
141 14.4 7.8 23.3



#12
Methyl Acetate
Concen: 61.568 ug/l
RT: 4.29 min Scan# 792
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 235292
Ion Ratio Lower Upper
43 100
74 20.4 17.7 26.5





#13

Acrolein

Concen: 307.354 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

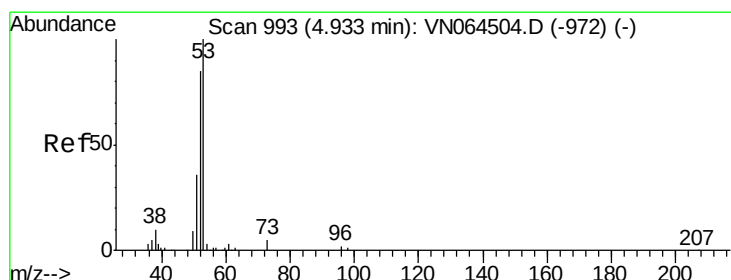
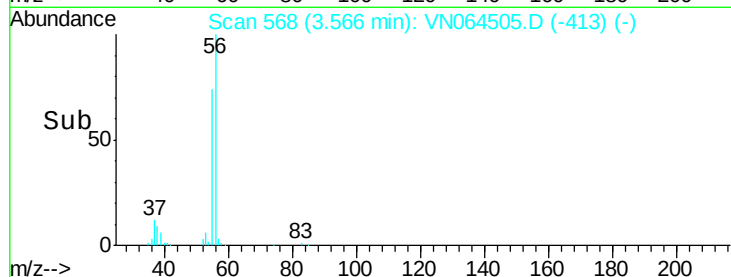
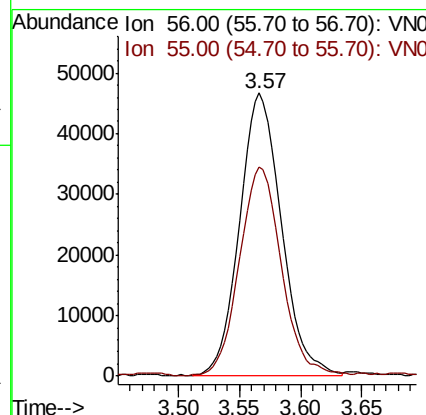
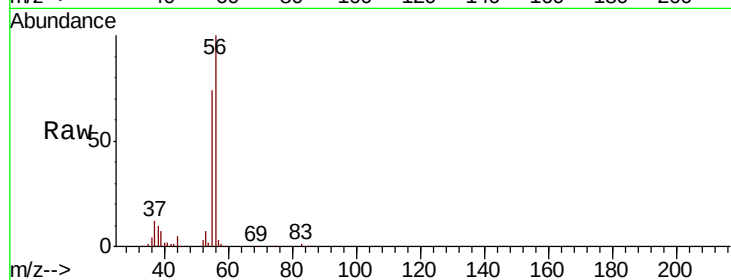
ClientSampled :

Tot Ion: 56 Resp: 111209

Ion Ratio Lower Upper

56 100

55 74.3 58.2 87.2



#14

Acrylonitrile

Concen: 305.821 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

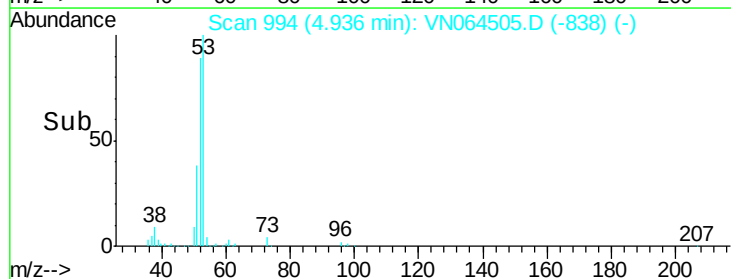
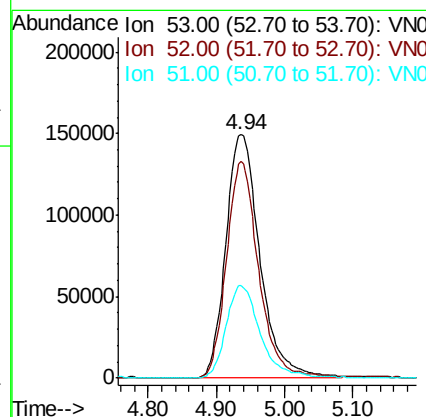
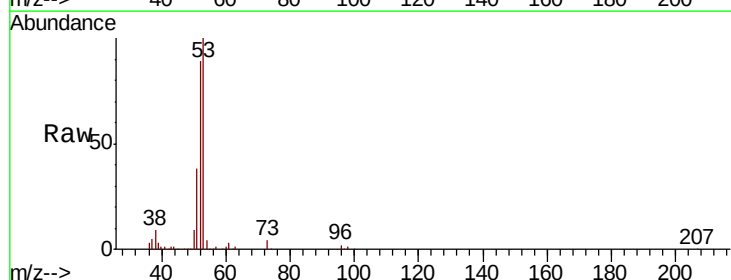
Tgt Ion: 53 Resp: 519944

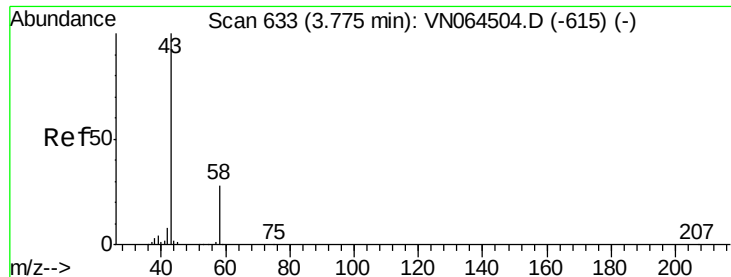
Ion Ratio Lower Upper

53 100

52 83.4 41.3 124.1

51 38.1 18.9 56.5





#15

Acetone

Concen: 297.232 ug/l

RT: 3.78 min Scan# 635

Delta R.T. 0.01 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

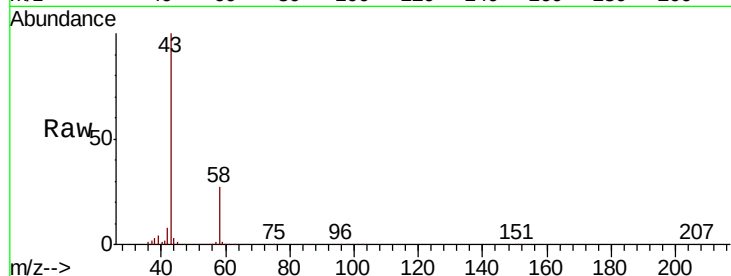
ClientSampled :

Tot Ion: 58 Resp: 174337

Ion Ratio Lower Upper

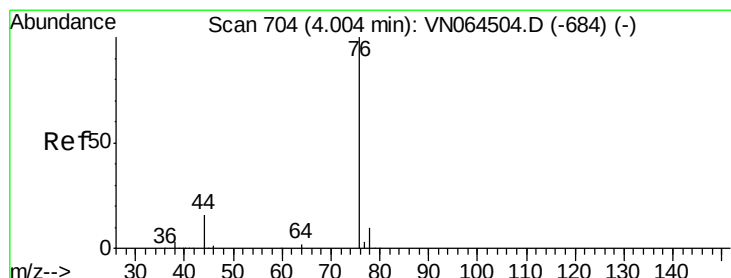
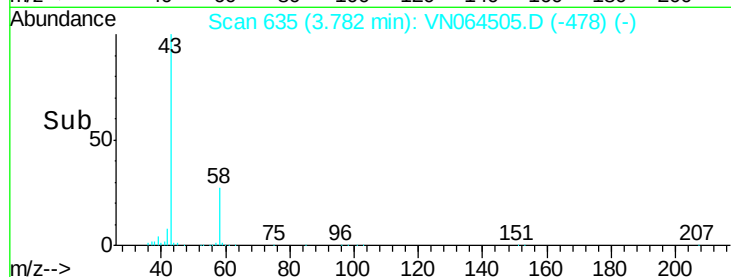
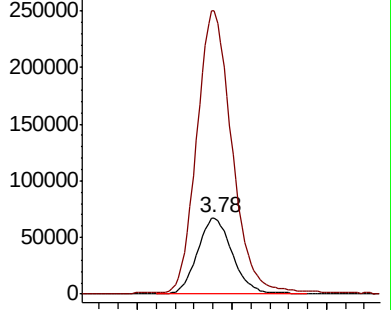
58 100

43 367.3 289.8 434.8



Abundance Ion 58.00 (57.70 to 58.70): VN064504.D (-615) (-)

Ion 43.00 (42.70 to 43.70): VN064504.D (-615) (-)



#16

Carbon Disulfide

Concen: 53.682 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064505.D

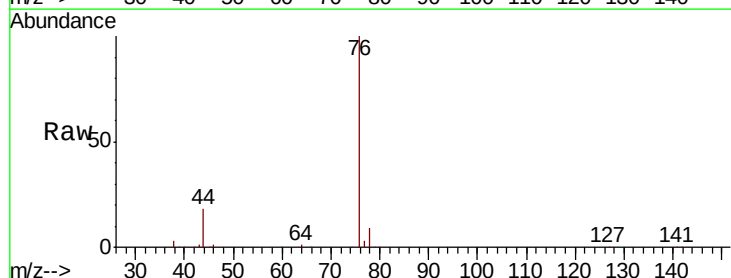
Acq: 9 Nov 2020 12:13

Tgt Ion: 76 Resp: 548558

Ion Ratio Lower Upper

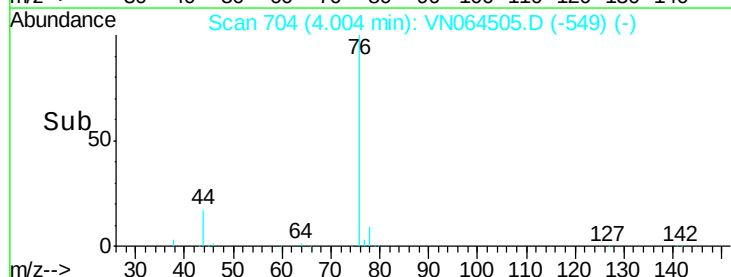
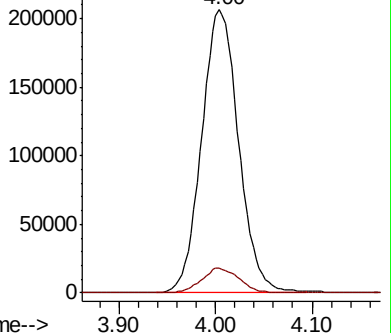
76 100

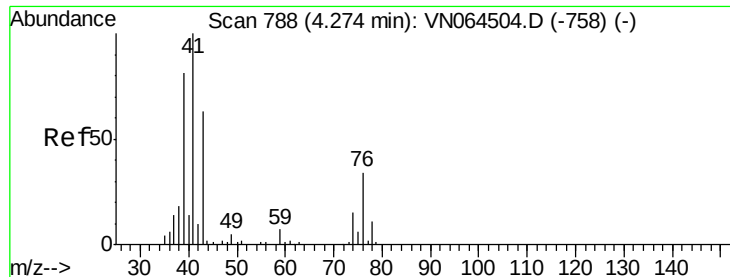
78 8.6 7.6 11.4



Abundance Ion 76.00 (75.70 to 76.70): VN064504.D (-684) (-)

Ion 78.00 (77.70 to 78.70): VN064504.D (-684) (-)

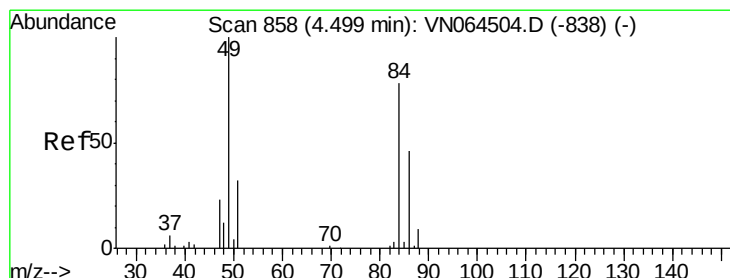
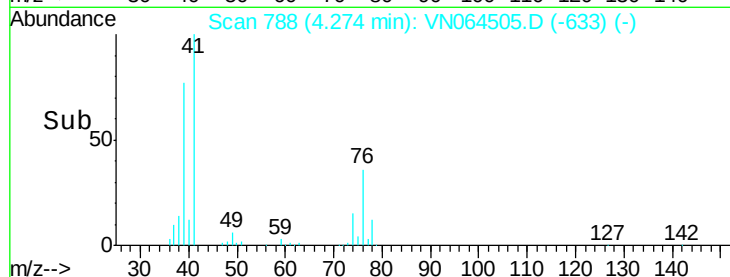
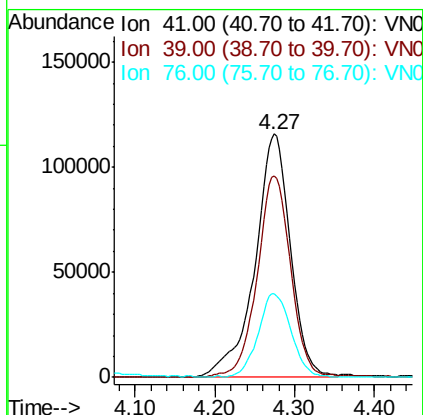
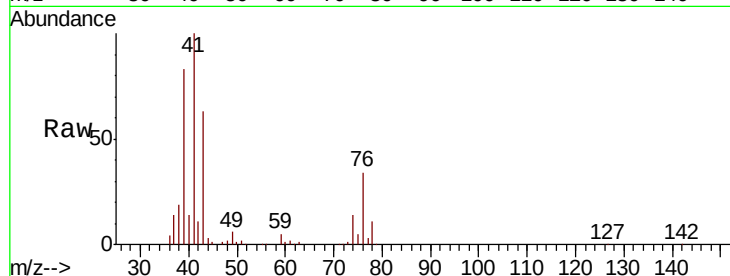




#17
Allvl chloride
Concen: 56.348 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

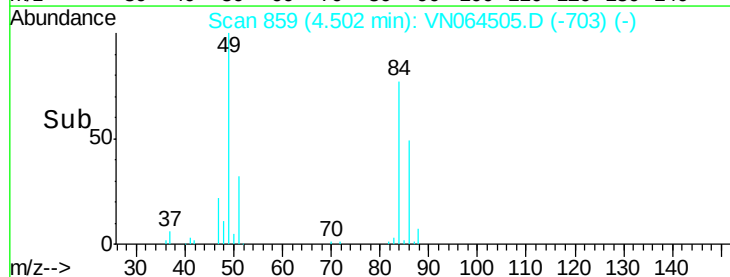
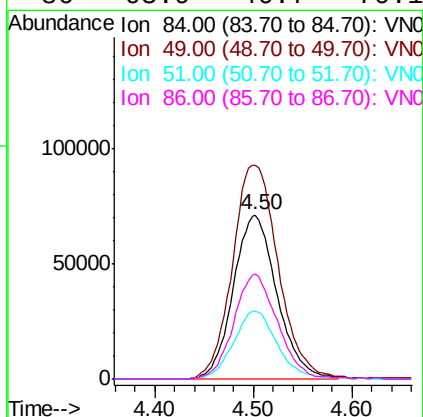
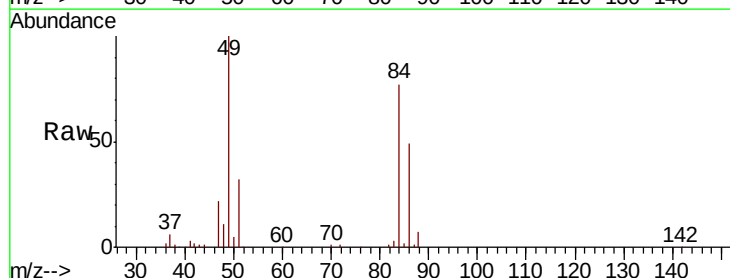
Instrument :
MSVOA_N
ClientSampleId :

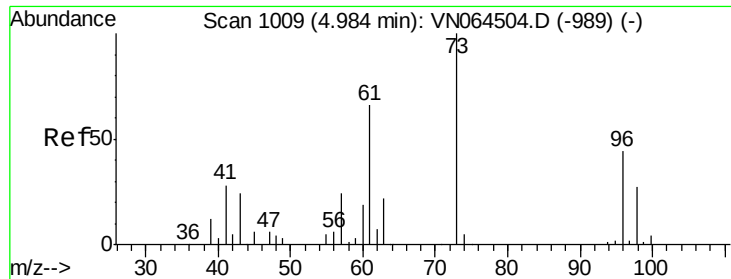
Tot Ion: 41 Resp: 355317
Ion Ratio Lower Upper
41 100
39 82.7 40.3 120.8
76 33.9 16.8 50.3



#18
Methylene Chloride
Concen: 52.883 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 84 Resp: 218137
Ion Ratio Lower Upper
84 100
49 129.7 102.1 153.1
51 41.3 32.6 48.8
86 63.9 46.7 70.1

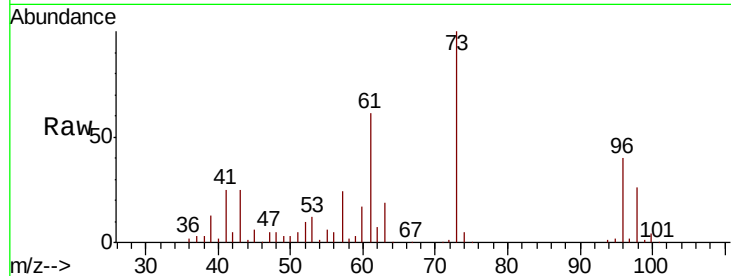




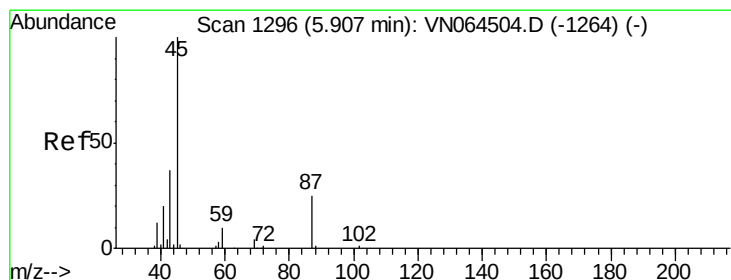
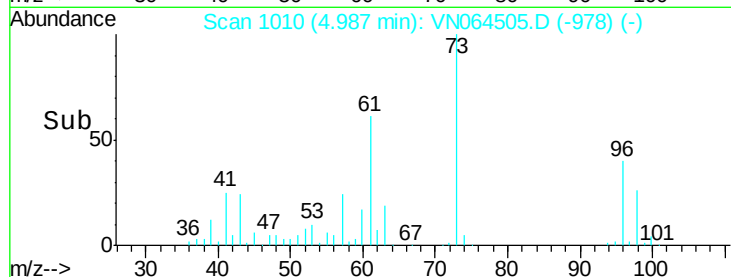
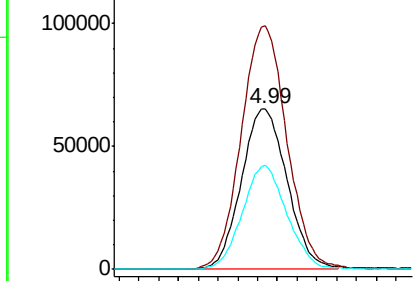
#19
trans-1,2-Dichloroethene
Concen: 53.498 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 209503
Ion Ratio Lower Upper
96 100
61 151.3 120.1 180.1
98 64.7 49.1 73.7

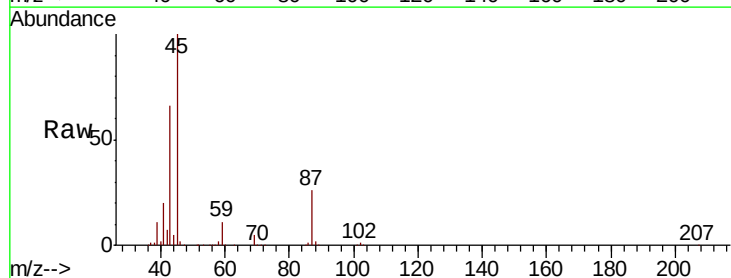


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

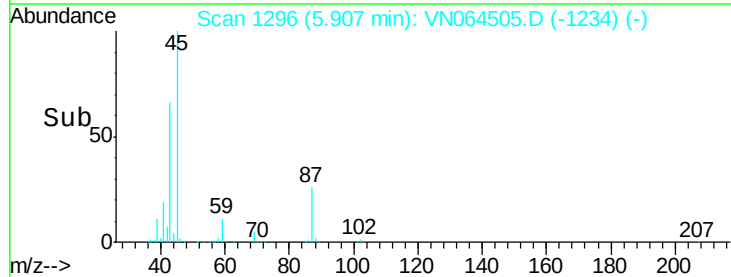
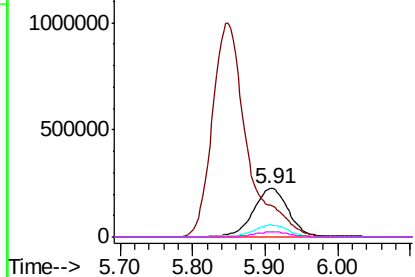


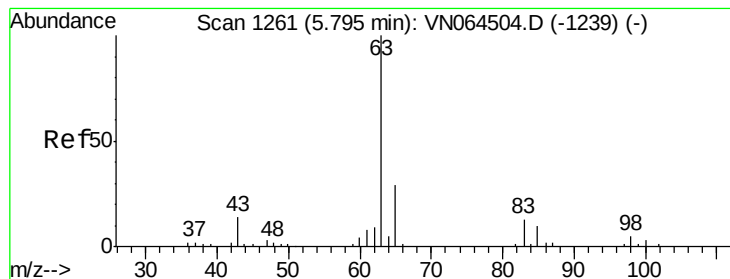
#20
Diisopropyl ether
Concen: 57.463 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 45 Resp: 770101
Ion Ratio Lower Upper
45 100
43 63.7 53.1 79.7
87 25.7 21.0 31.6
59 10.7 8.2 12.4



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





#21

1,1-Dichloroethane

Concen: 54.944 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

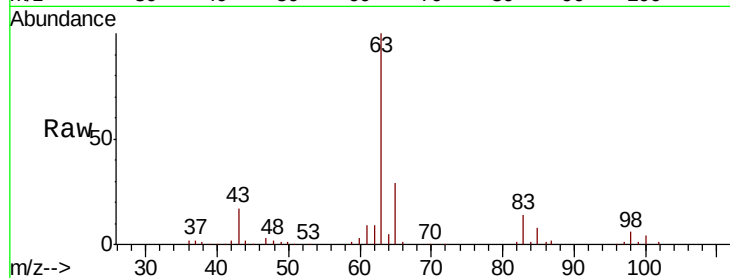
Tot Ion: 63 Resp: 415545

Ion Ratio Lower Upper

63 100

98 5.6 2.6 8.0

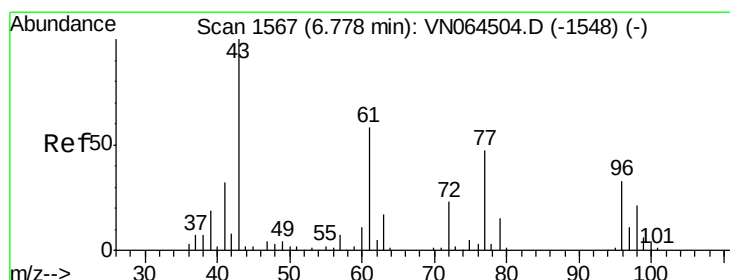
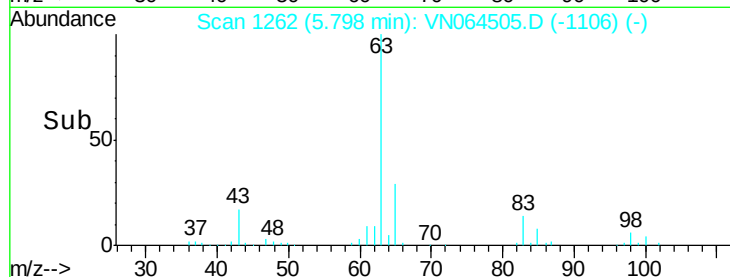
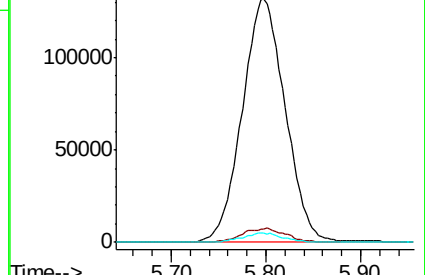
100 3.8 1.7 5.1



Abundance Ion 63.00 (62.70 to 63.70): VN064505.D (-1106) (-)

Ion 98.00 (97.70 to 98.70): VN064505.D (-1106) (-)

Ion 100.00 (99.70 to 100.70): VN064505.D (-1106) (-)



#22

cis-1,2-Dichloroethene

Concen: 52.705 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

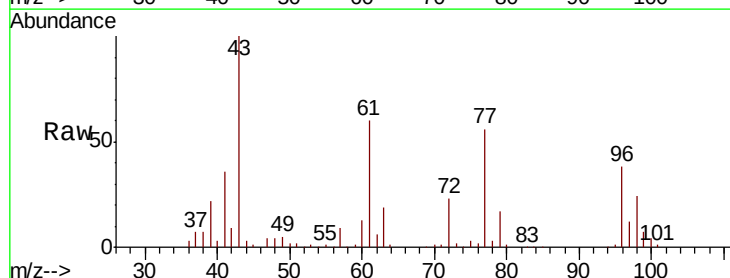
Tgt Ion: 96 Resp: 240766

Ion Ratio Lower Upper

96 100

61 161.7 136.1 204.1

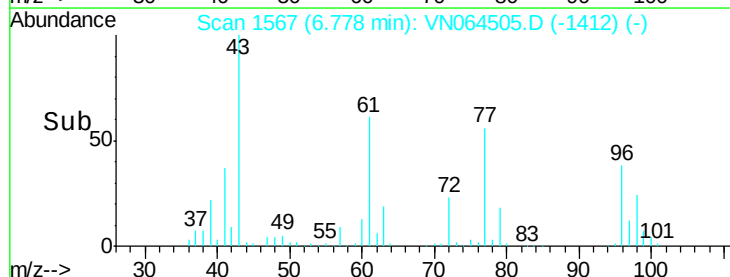
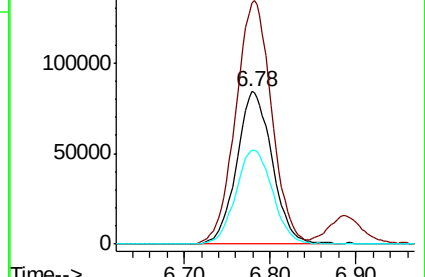
98 63.7 51.8 77.8

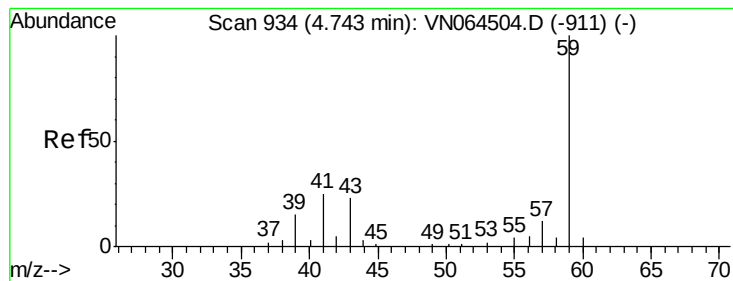


Abundance Ion 96.00 (95.70 to 96.70): VN064505.D (-1412) (-)

Ion 61.00 (60.70 to 61.70): VN064505.D (-1412) (-)

Ion 98.00 (97.70 to 98.70): VN064505.D (-1412) (-)



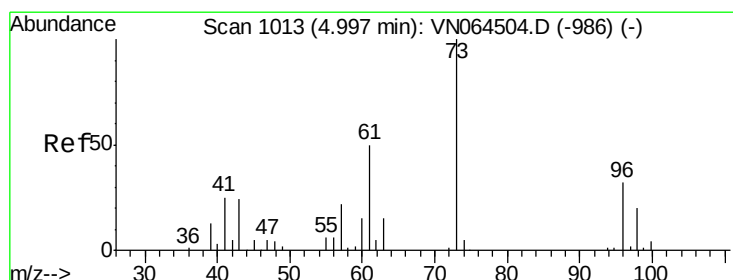
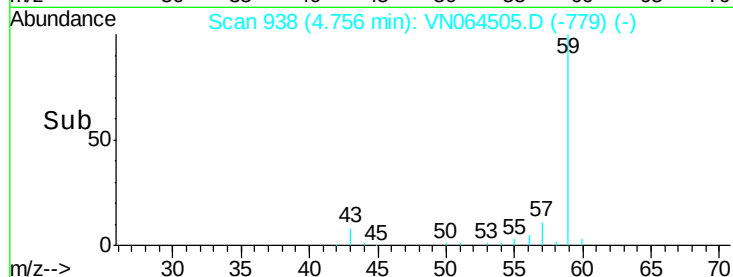
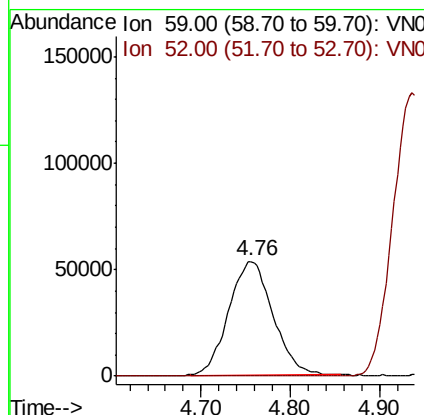
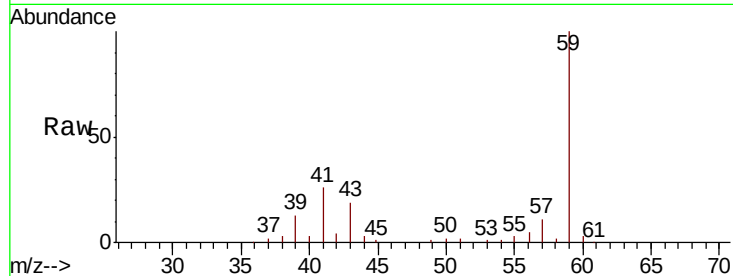


#23

tert-Butyl Alcohol
 Concen: 291.571 ug/l
 RT: 4.76 min Scan# 938
 Delta R.T. 0.01 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampleId :

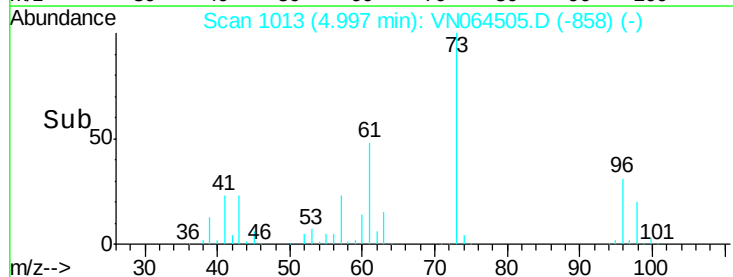
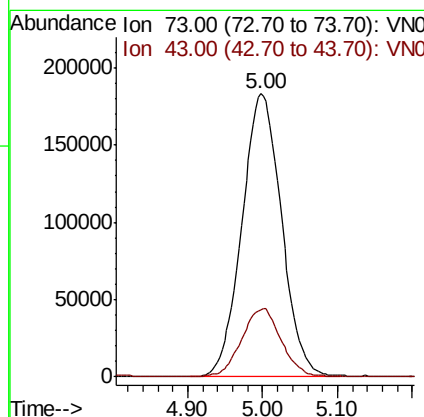
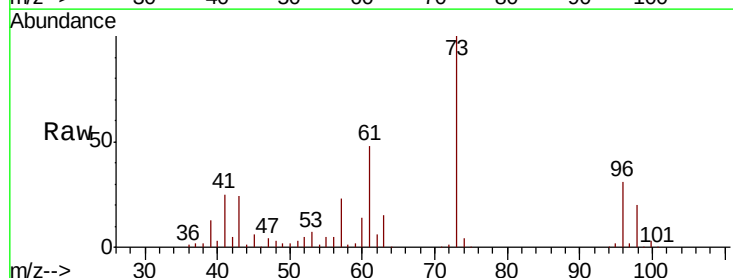
Tot Ion: 59 Resp: 185498
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0#

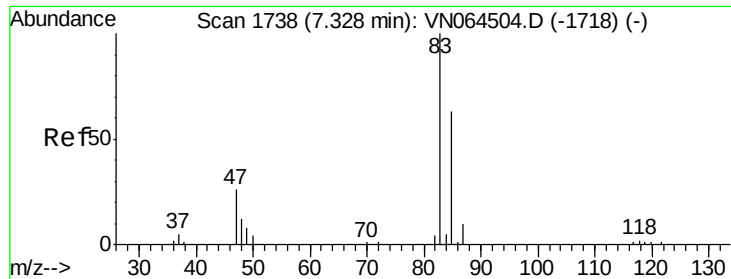


#24

Methyl tert-Butyl Ether
 Concen: 53.653 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 73 Resp: 675127
 Ion Ratio Lower Upper
 73 100
 43 23.7 10.2 15.2#

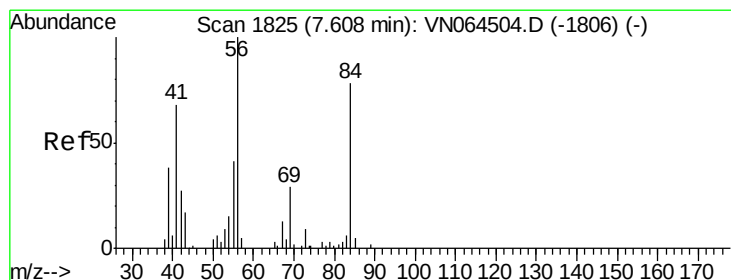
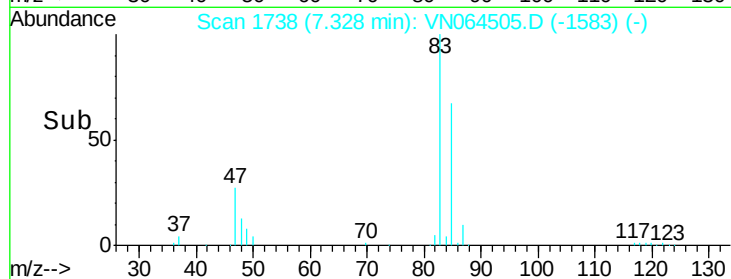
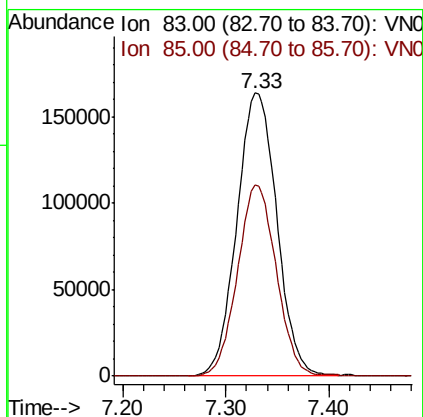
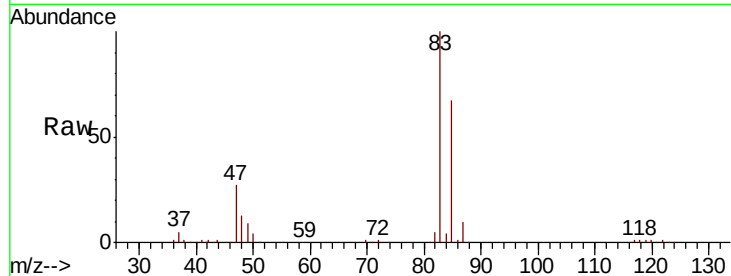




#25
Chloroform
Concen: 54.413 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

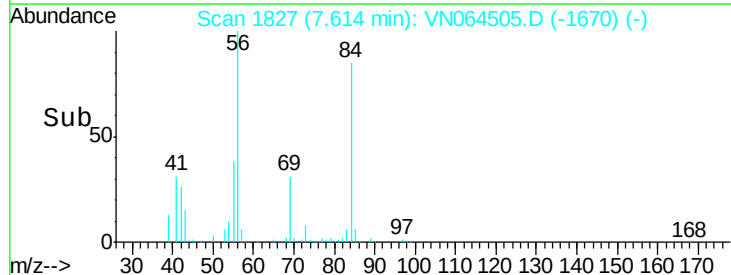
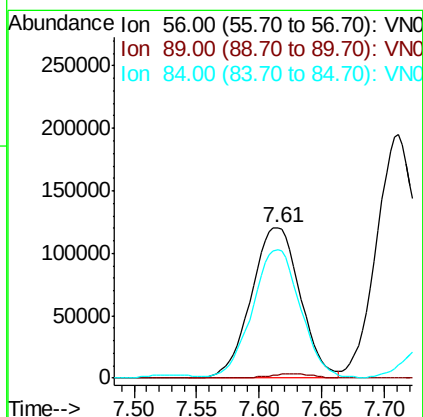
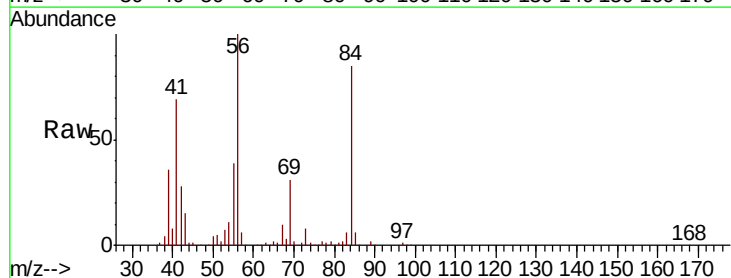
Instrument :
MSVOA_N
ClientSampleId :

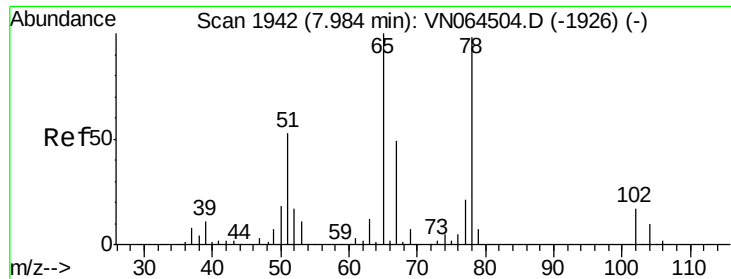
Tot Ion: 83 Resp: 441200
Ion Ratio Lower Upper
83 100
85 67.4 50.6 75.8



#26
Cyclohexane
Concen: 54.851 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 56 Resp: 327562
Ion Ratio Lower Upper
56 100
89 2.6 0.6 0.8#
84 82.8 66.1 99.1

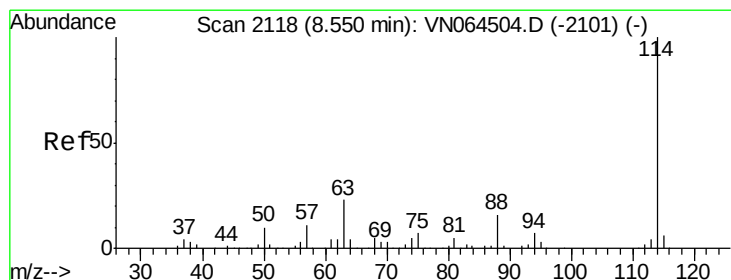
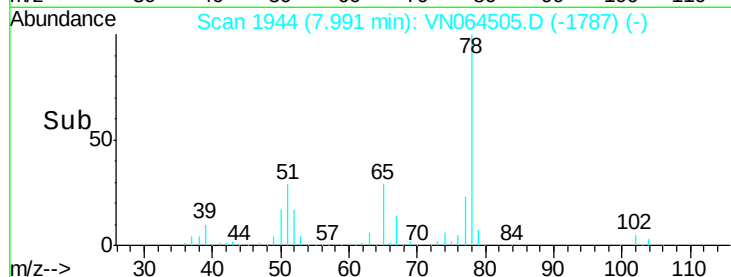
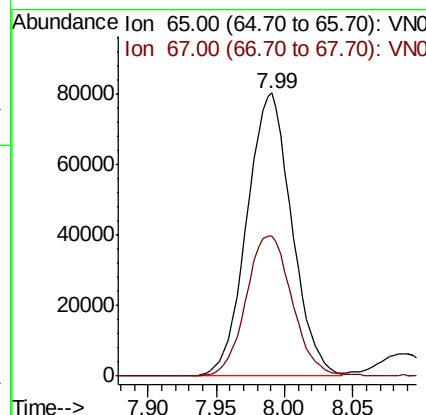
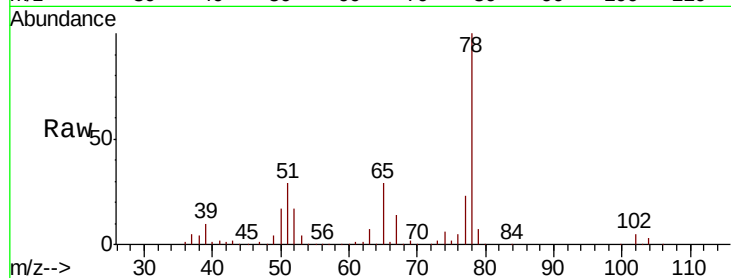




#27
 1,2-Dichloroethane-d4
 Concen: 33.666 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.01 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

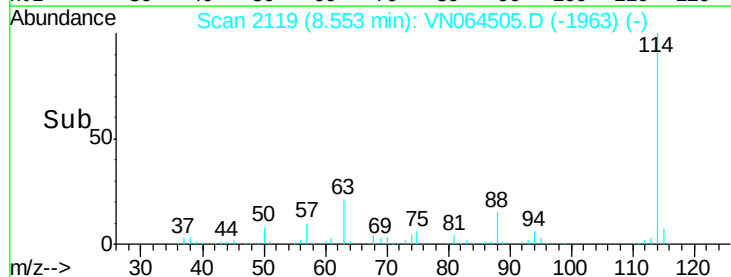
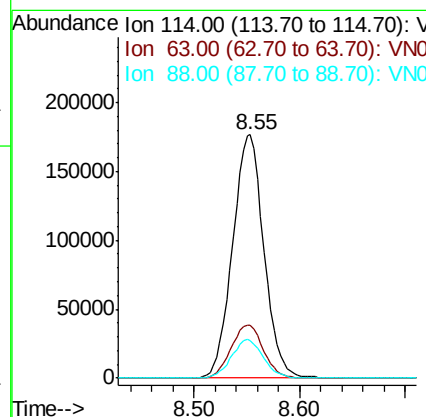
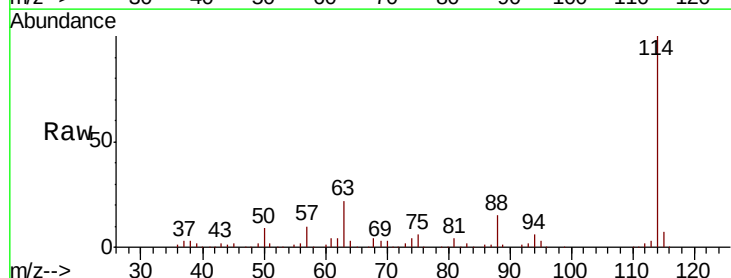
Instrument :
 MSVOA_N
 ClientSampleId :

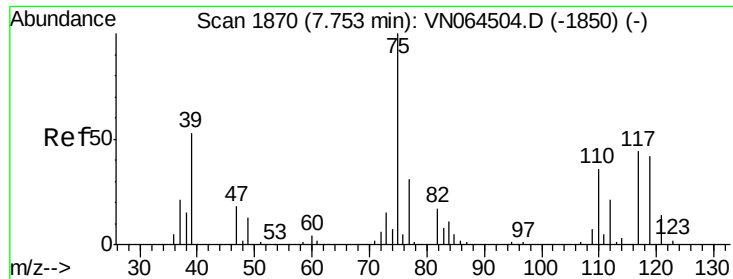
Tot Ion: 65 Resp: 183229
 Ion Ratio Lower Upper
 65 100
 67 50.8 41.1 61.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 114 Resp: 362328
 Ion Ratio Lower Upper
 114 100
 63 22.6 18.5 27.7
 88 16.1 13.0 19.6

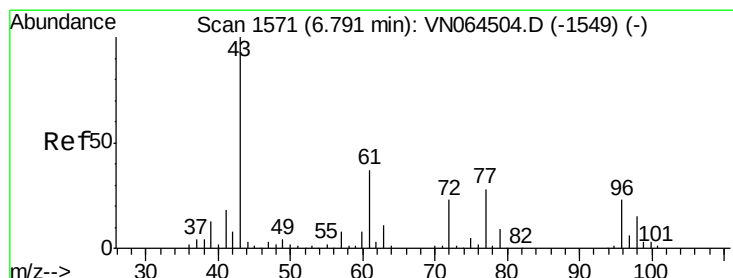
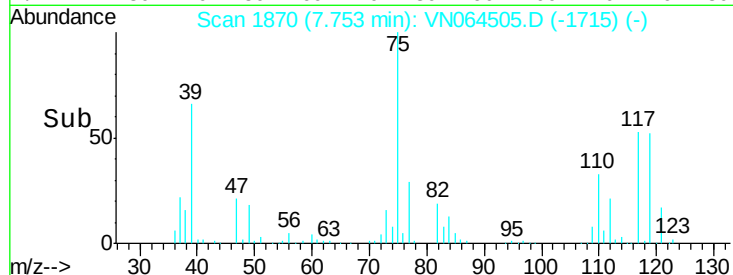
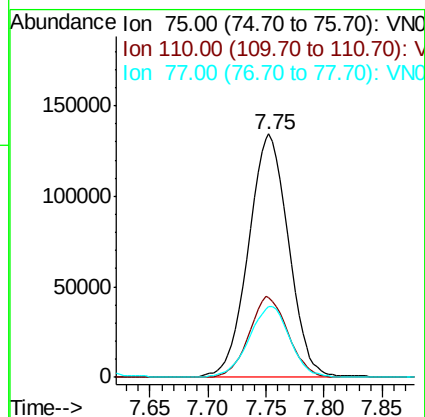
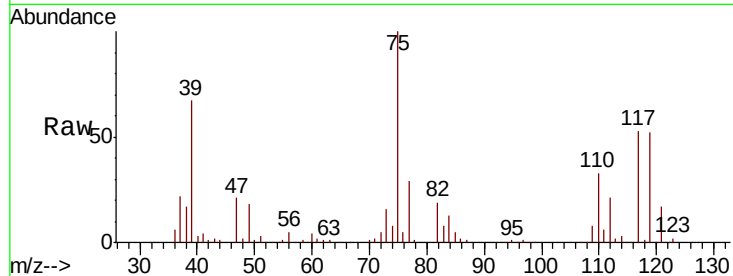




#29
 1,1-Dichloropropene
 Concen: 54.292 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

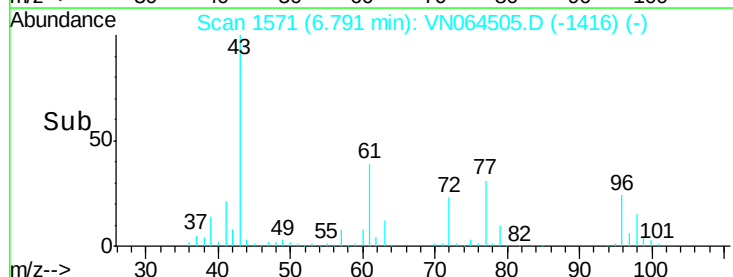
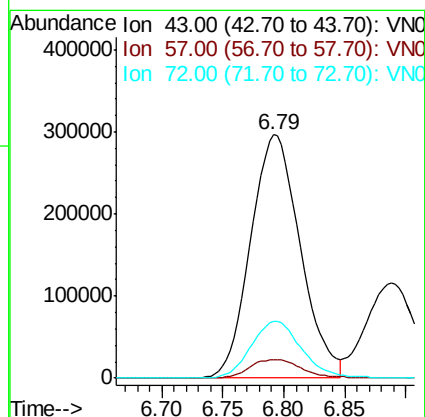
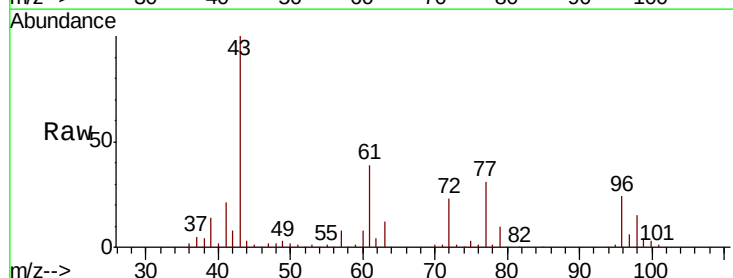
Instrument :
 MSVOA_N
 ClientSampled :

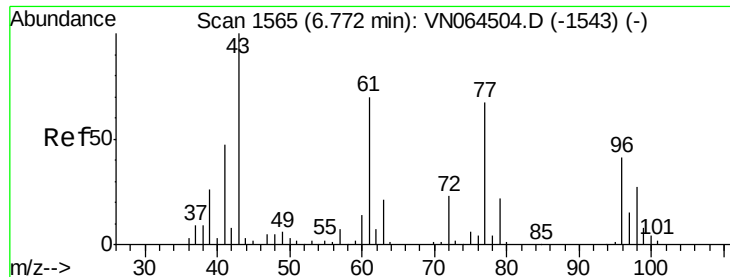
Tot Ion: 75 Resp: 321649
 Ion Ratio Lower Upper
 75 100
 110 32.5 0.0 66.4
 77 29.7 0.0 62.0



#30
 2-Butanone
 Concen: 308.094 ug/l
 RT: 6.79 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 834968
 Ion Ratio Lower Upper
 43 100
 57 7.9 6.2 9.4
 72 23.8 9.9 14.9#





#31

2,2-Dichloropropane

Concen: 53.501 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

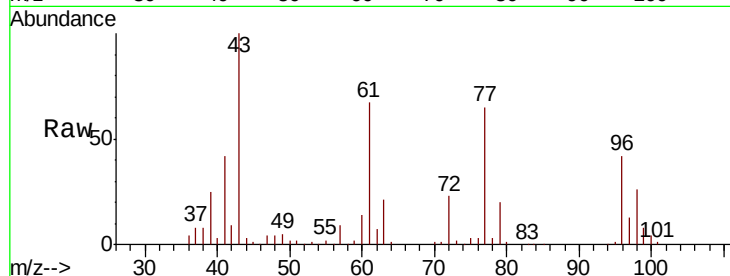
ClientSampled :

Tot Ion: 77 Resp: 385666

Ion Ratio Lower Upper

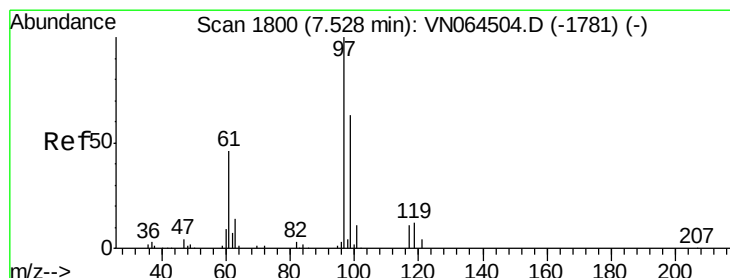
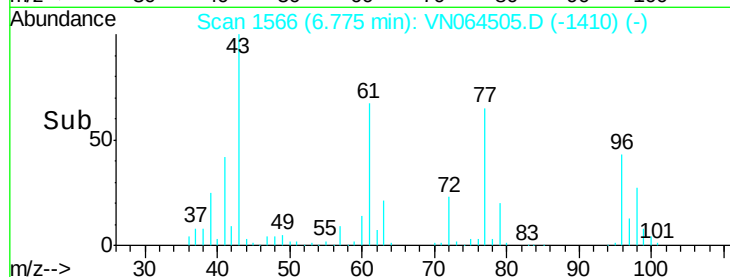
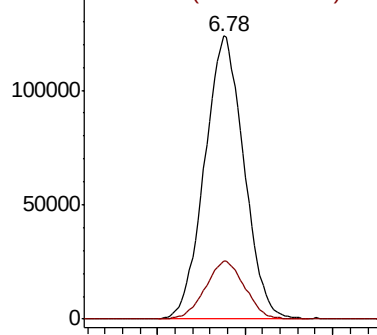
77 100

97 20.5 16.9 25.3



Abundance Ion 77.00 (76.70 to 77.70): VN0

Ion 97.00 (96.70 to 97.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.227 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

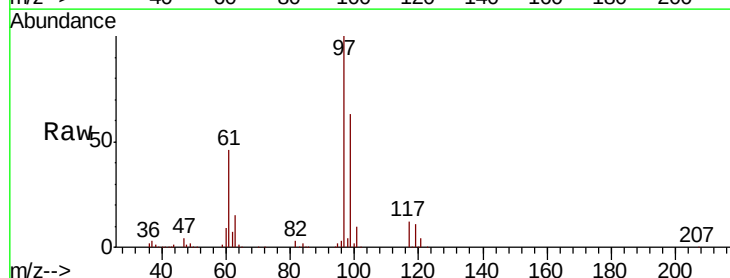
Tgt Ion: 97 Resp: 398025

Ion Ratio Lower Upper

97 100

99 63.4 51.8 77.8

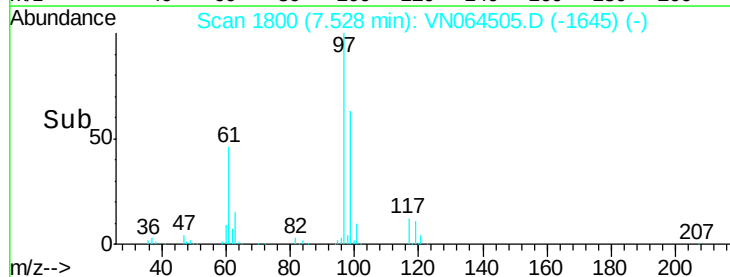
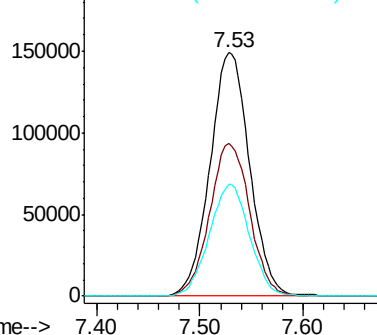
61 46.5 39.4 59.0

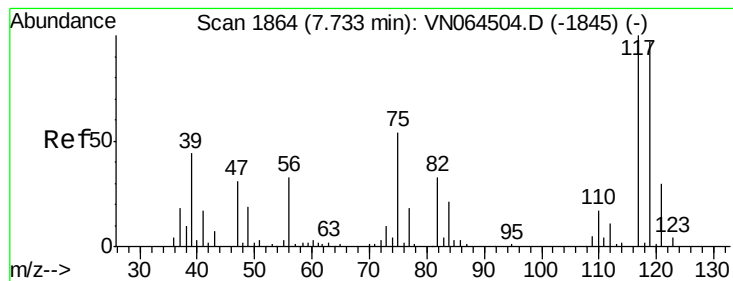


Abundance Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#33

Carbon Tetrachloride

Concen: 51.149 ug/l

RT: 7.74 min Scan# 1865

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

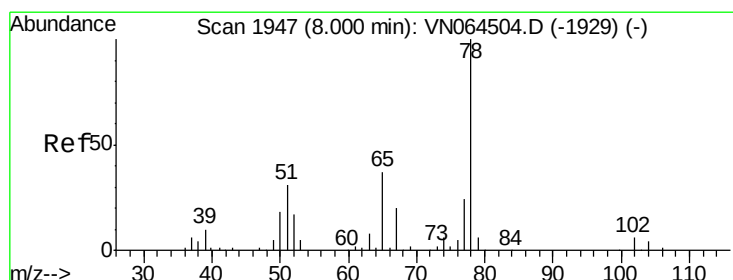
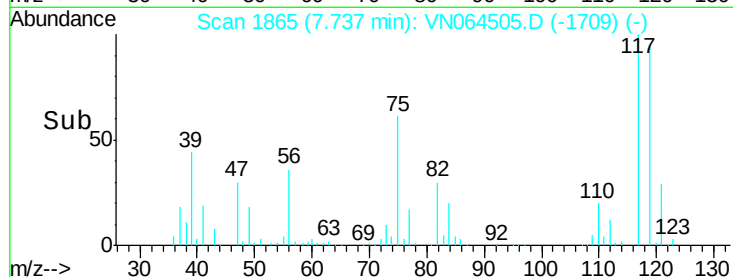
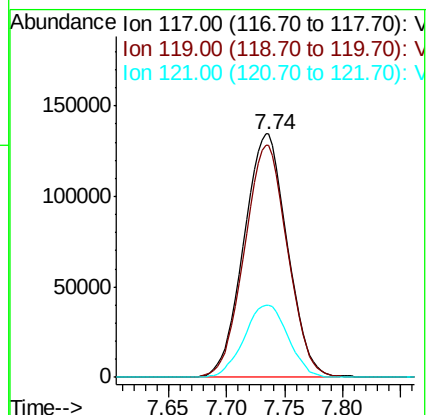
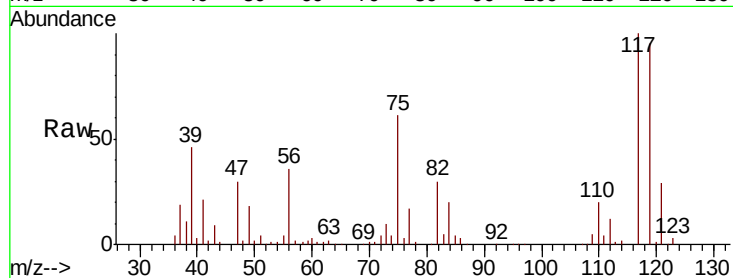
Tot Ion:117 Resp: 350753

Ion Ratio Lower Upper

117 100

119 94.9 77.9 116.9

121 29.5 24.0 36.0



#34

Benzene

Concen: 55.485 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

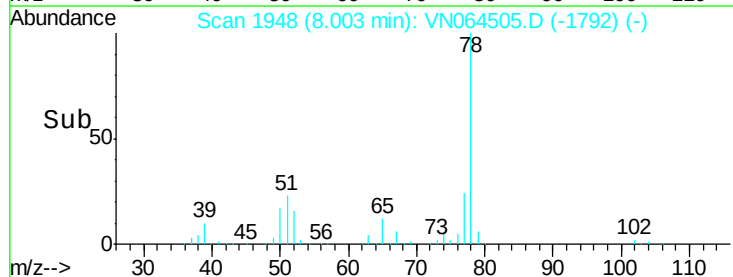
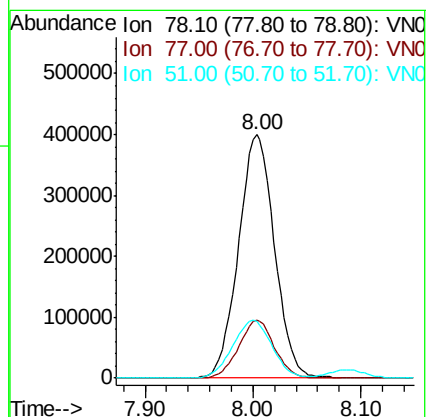
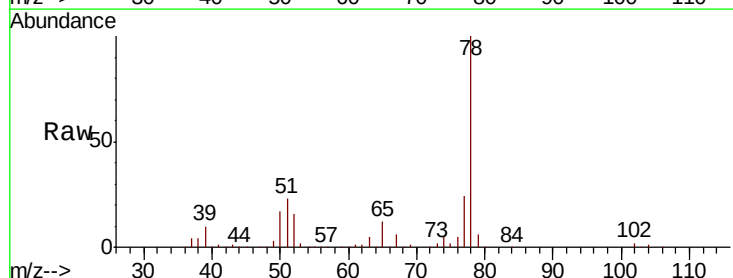
Tgt Ion: 78 Resp: 928786

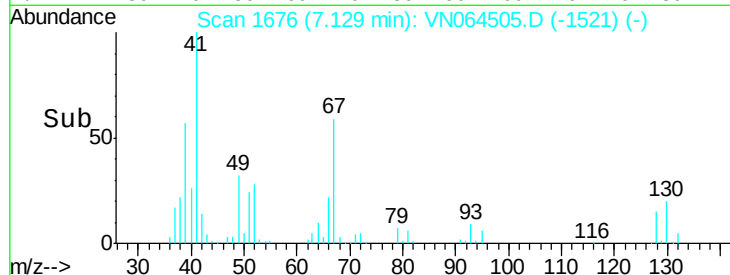
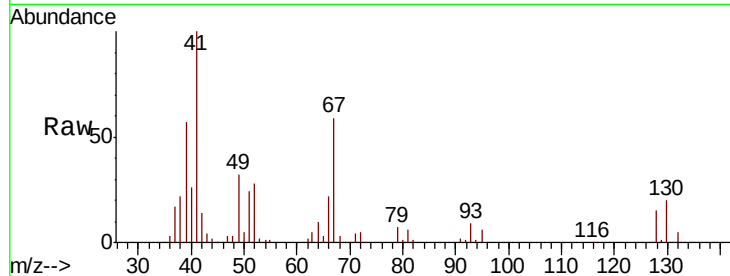
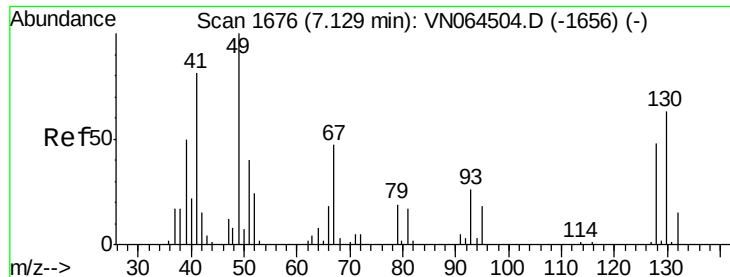
Ion Ratio Lower Upper

78 100

77 23.8 18.9 28.3

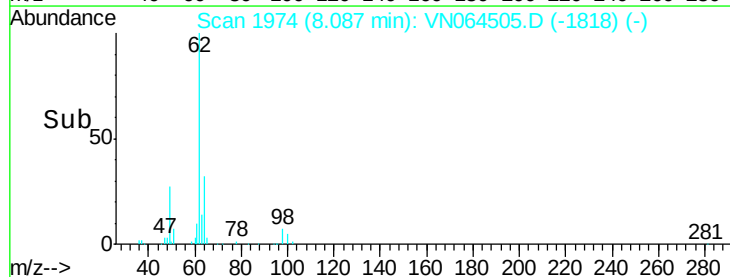
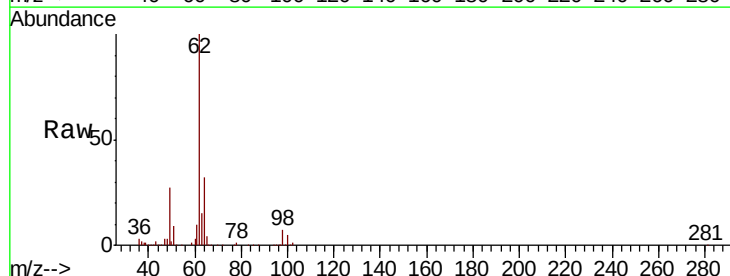
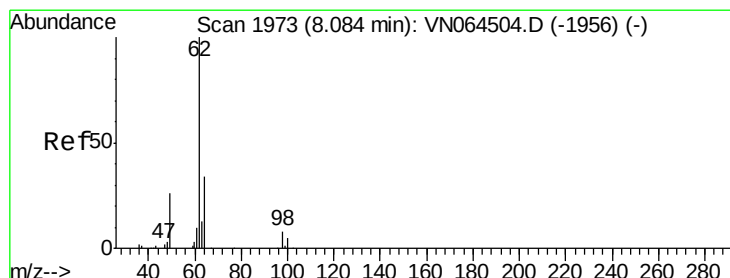
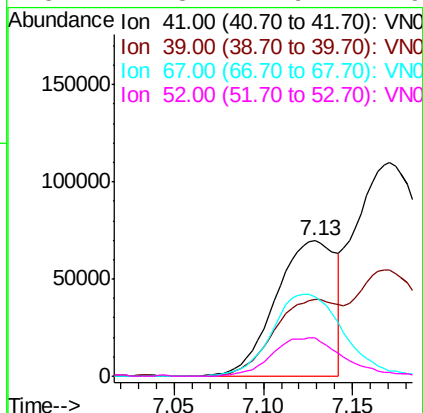
51 23.2 24.6 36.8#





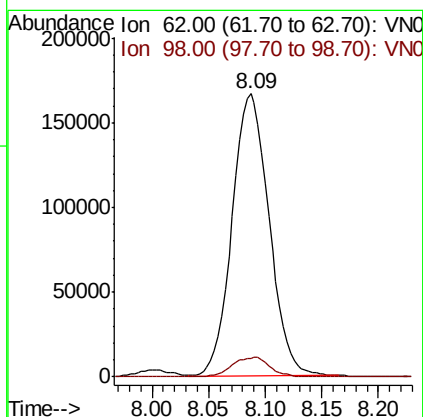
#35
Methacrylonitrile
Concen: 61.286 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

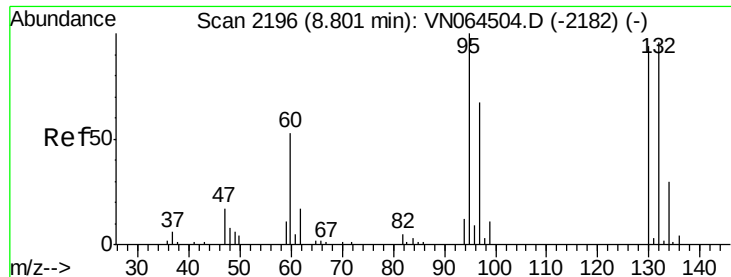
Tot Ion:	41	Resp:	161821
Ion	Ratio	Lower	Upper
41	100		
39	56.7	30.0	90.1
67	58.7	29.2	87.6
52	27.8	14.9	44.9



#36
1,2-Dichloroethane
Concen: 54.945 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:	62	Resp:	379408
Ion	Ratio	Lower	Upper
62	100		
98	7.2	5.5	8.3

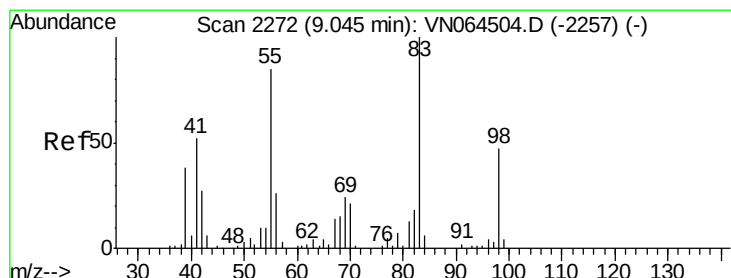
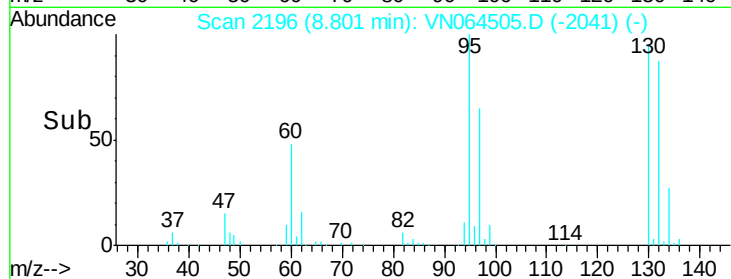
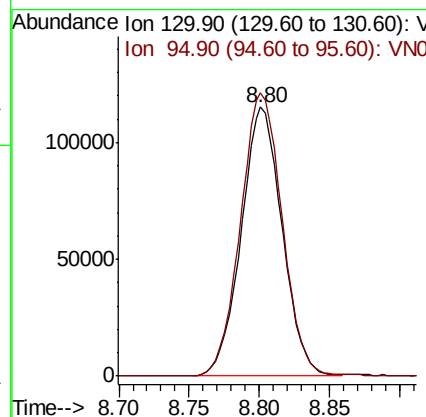
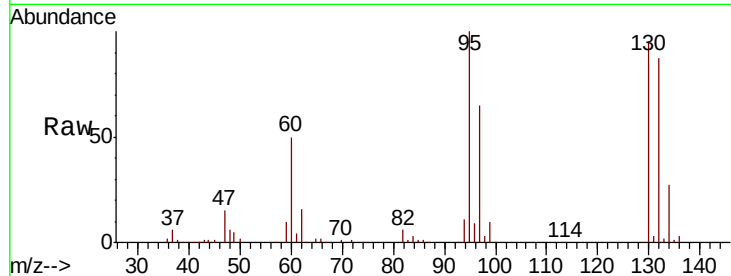




#37
 Trichloroethene
 Concen: 50.674 ug/l
 RT: 8.80 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

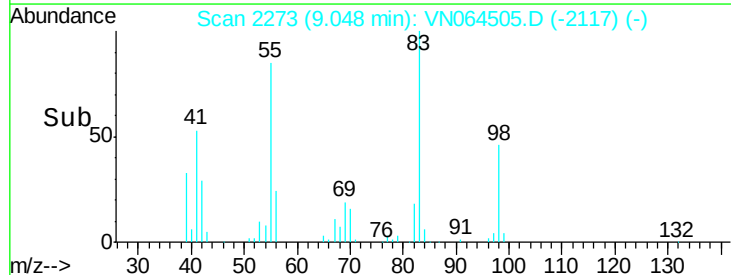
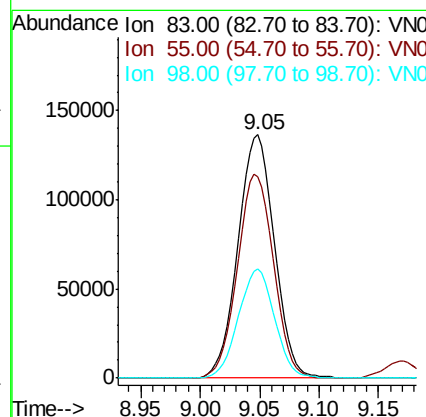
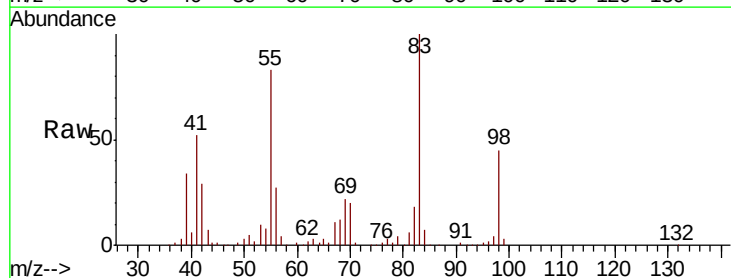
Instrument :
 MSVOA_N
 ClientSampled :

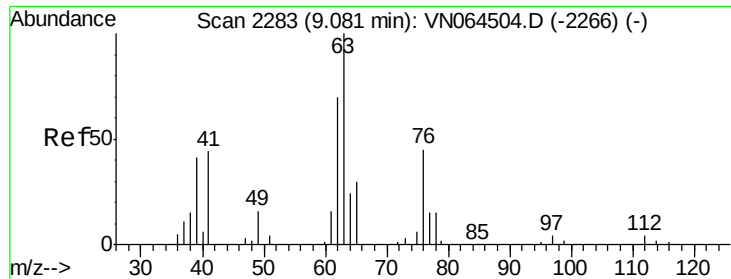
Tot Ion:130 Resp: 233958
 Ion Ratio Lower Upper
 130 100
 95 105.3 85.1 127.7



#38
 Methylcyclohexane
 Concen: 54.395 ug/l
 RT: 9.05 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 83 Resp: 289679
 Ion Ratio Lower Upper
 83 100
 55 83.2 42.0 126.1
 98 44.7 22.5 67.5

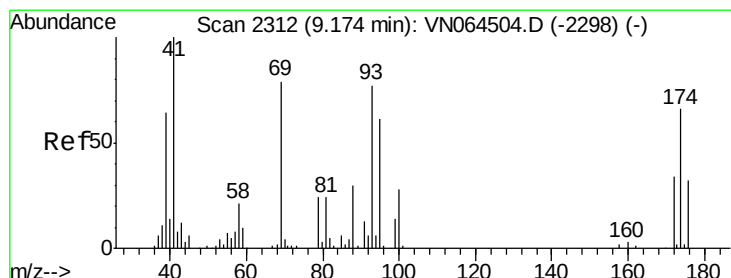
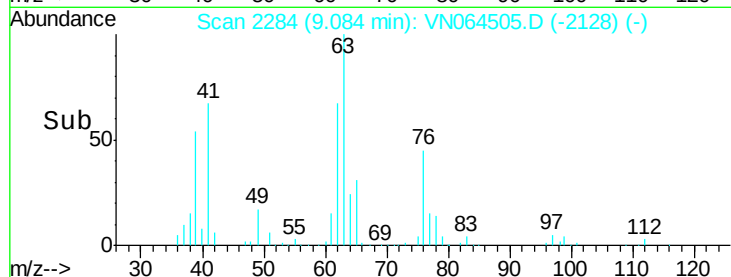
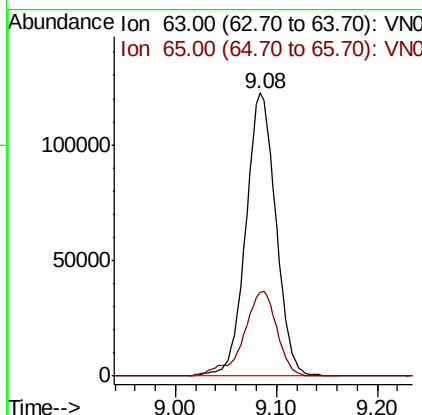
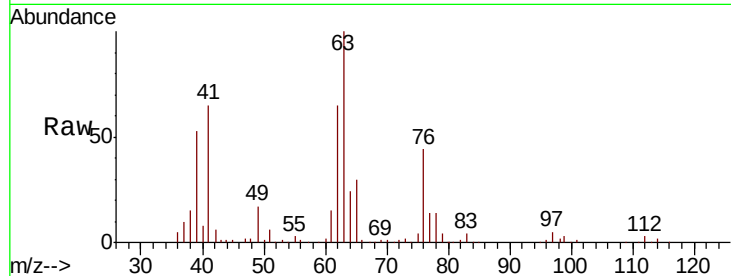




#39
 1,2-Dichloropropane
 Concen: 57.768 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

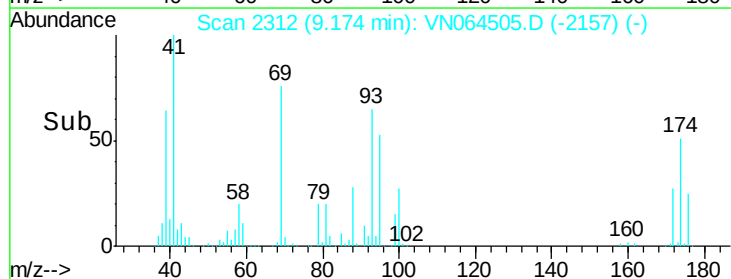
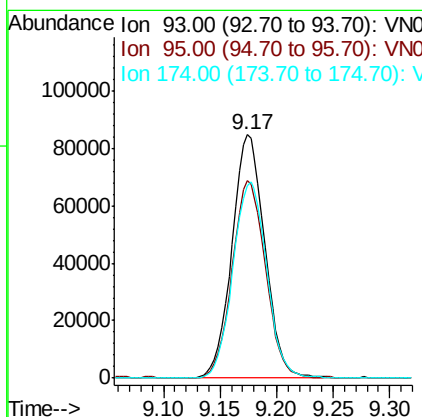
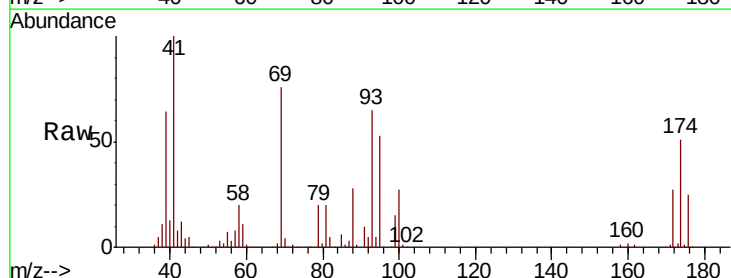
Instrument :
 MSVOA_N
 ClientSampleId :

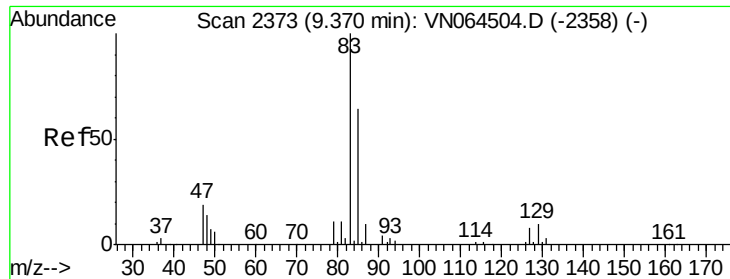
Tot Ion: 63 Resp: 251344
 Ion Ratio Lower Upper
 63 100
 65 29.6 24.4 36.6



#40
 Dibromomethane
 Concen: 55.281 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 93 Resp: 171614
 Ion Ratio Lower Upper
 93 100
 95 82.1 0.0 164.6
 174 82.8 0.0 165.6





#41

Bromodichloromethane

Concen: 55.373 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

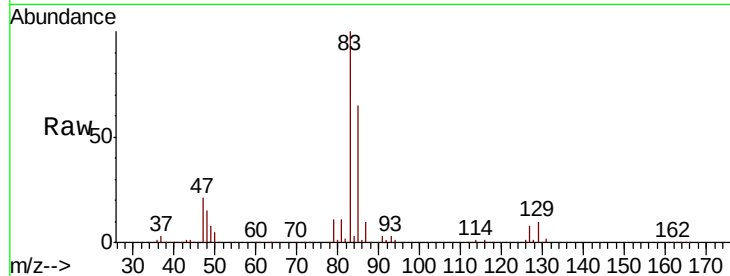
Tot Ion: 83 Resp: 364425

Ion Ratio Lower Upper

83 100

85 65.3 51.0 76.4

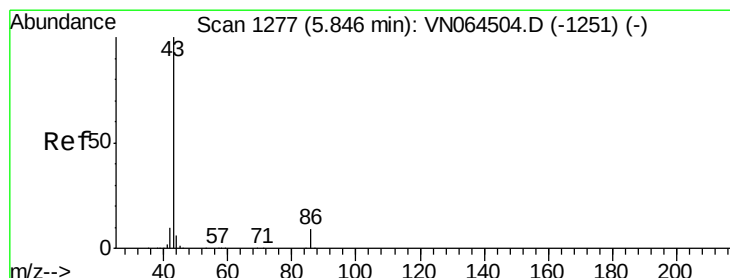
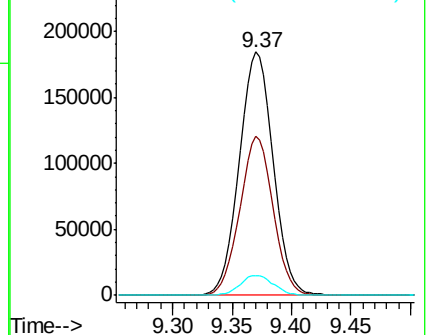
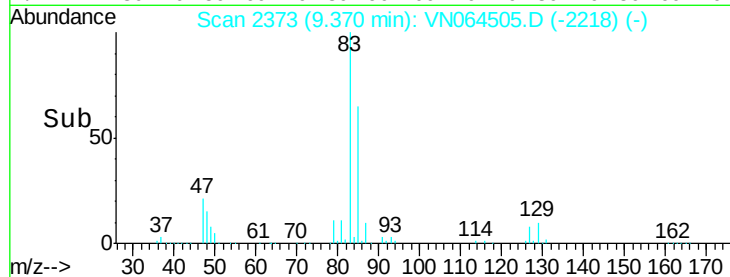
127 8.2 6.2 9.4



Abundance Ion 83.00 (82.70 to 83.70): VN064505.D (-2218) (-)

Ion 85.00 (84.70 to 85.70): VN064505.D (-2218) (-)

Ion 127.00 (126.70 to 127.70): VN064505.D (-2218) (-)



#42

Vinyl Acetate

Concen: 293.452 ug/l

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064505.D

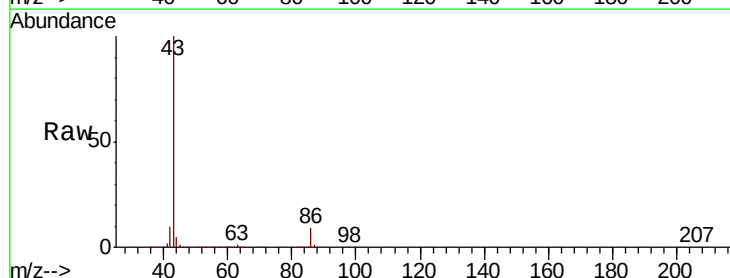
Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 3328646

Ion Ratio Lower Upper

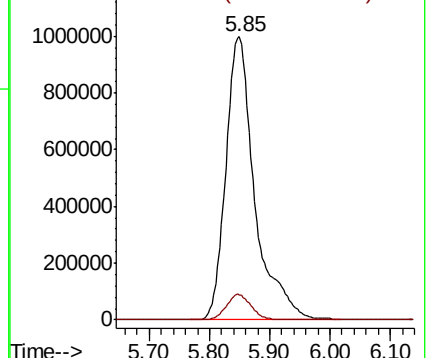
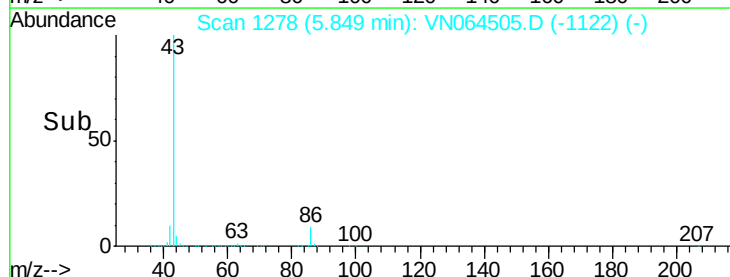
43 100

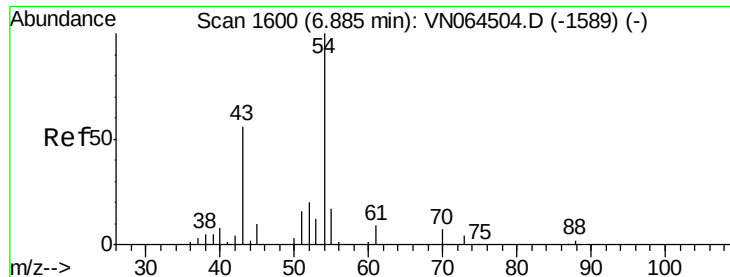
86 7.8 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VN064505.D (-1122) (-)

Ion 86.00 (85.70 to 86.70): VN064505.D (-1122) (-)





#43

Ethyl Acetate

Concen: 62.653 ug/l

RT: 6.89 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

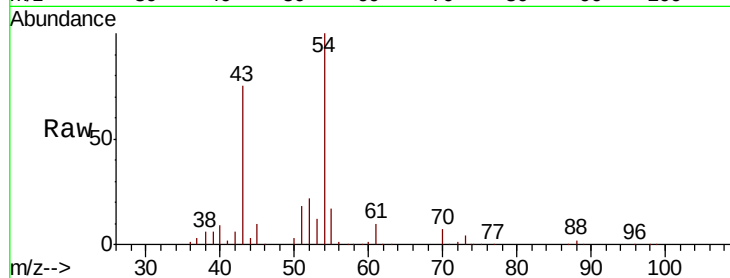
ClientSampleId :

Tot Ion: 43 Resp: 329787

Ion Ratio Lower Upper

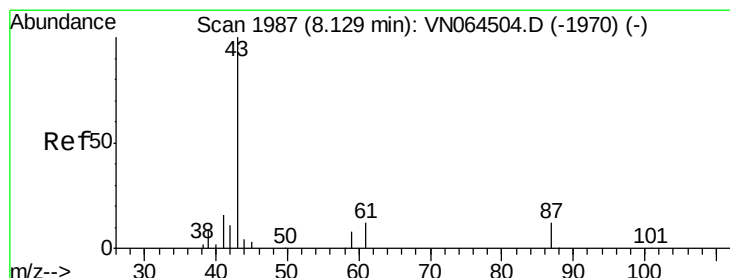
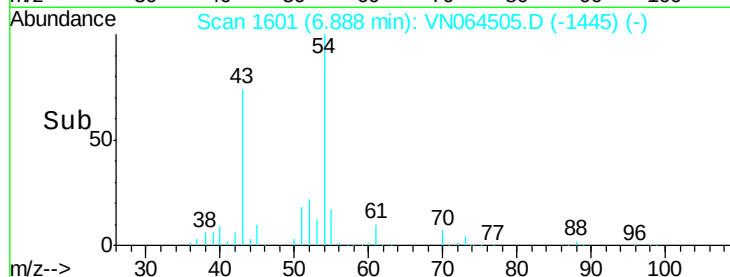
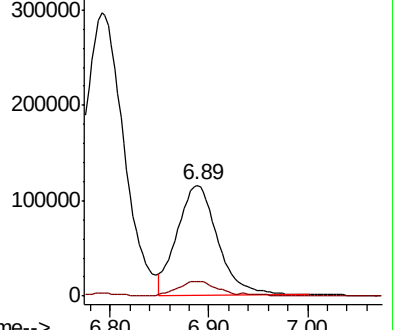
43 100

45 12.3 10.9 16.3



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 45.00 (44.70 to 45.70): VN0



#44

Isopropyl Acetate

Concen: 59.735 ug/l

RT: 8.13 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN064505.D

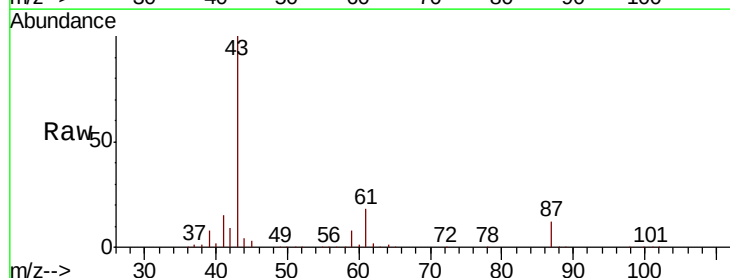
Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 549865

Ion Ratio Lower Upper

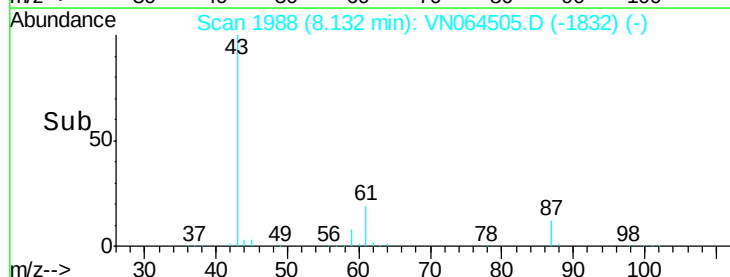
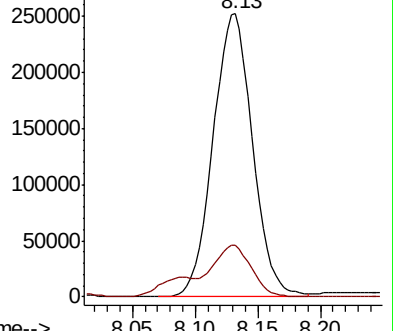
43 100

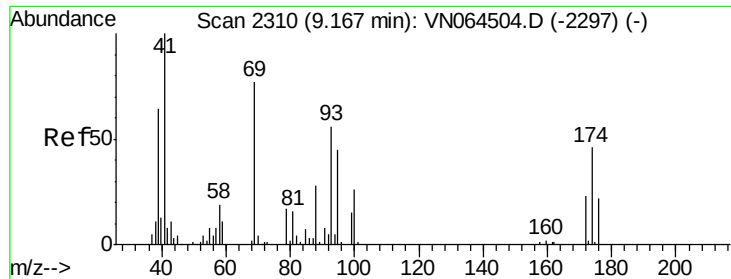
61 17.5 13.0 19.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

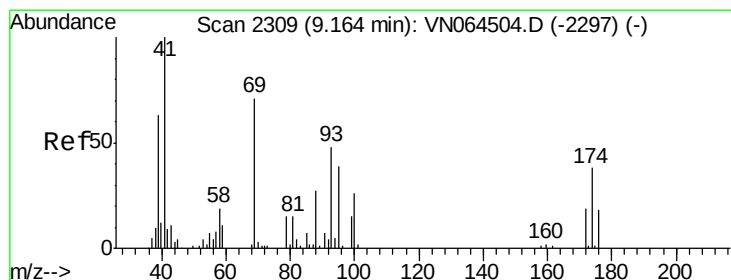
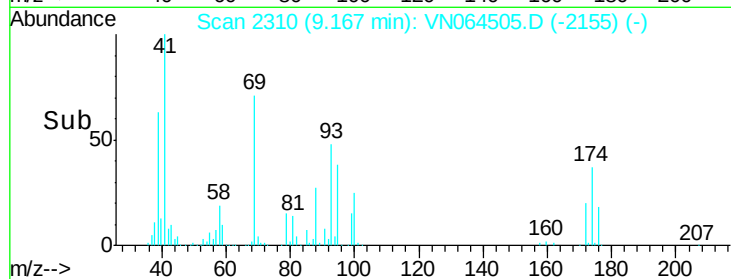
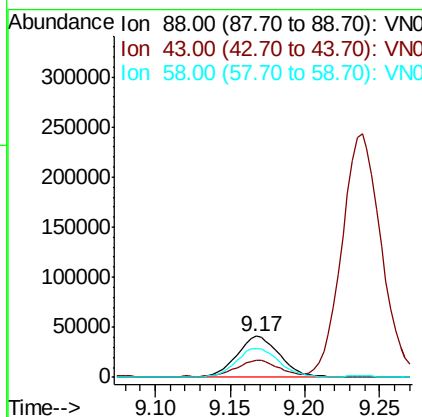
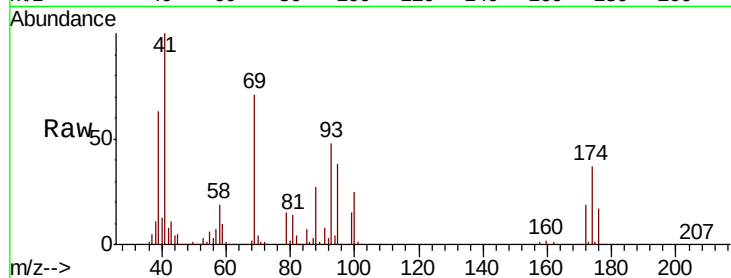




#45
 1,4-Dioxane
 Concen: 1248.472 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

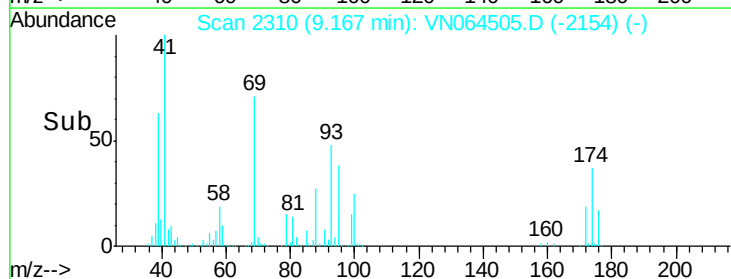
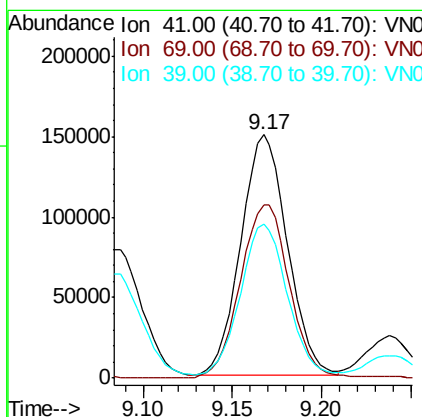
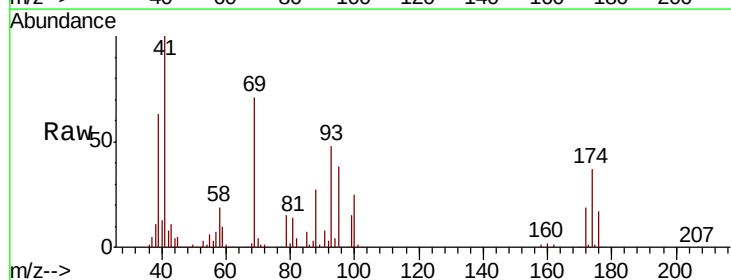
Instrument :
 MSVOA_N
 ClientSampled :

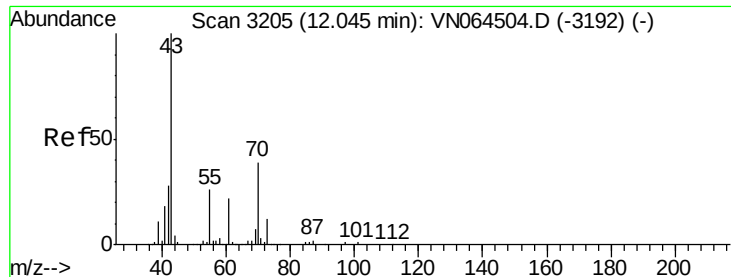
Tot Ion: 88 Resp: 82099
 Ion Ratio Lower Upper
 88 100
 43 38.0 30.6 46.0
 58 71.5 57.9 86.9



#46
 Methyl methacrylate
 Concen: 59.959 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 41 Resp: 272725
 Ion Ratio Lower Upper
 41 100
 69 72.1 35.4 106.2
 39 62.6 31.6 94.7





#47

n-amvl Acetate

Concen: 62.667 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

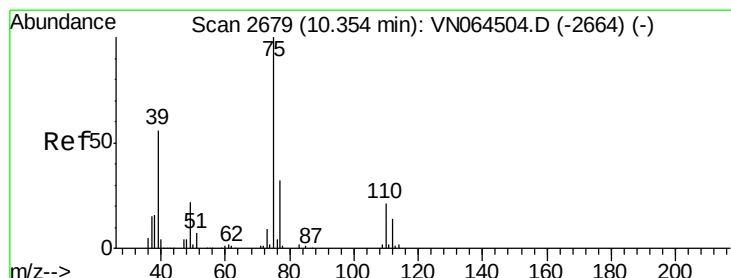
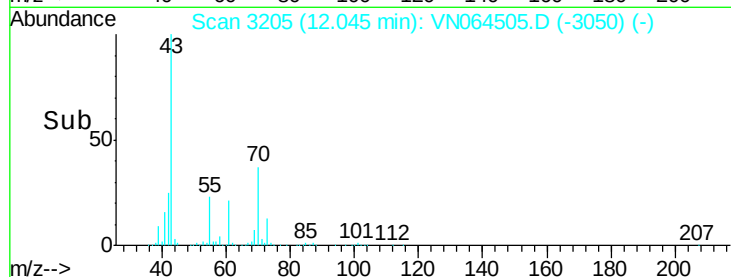
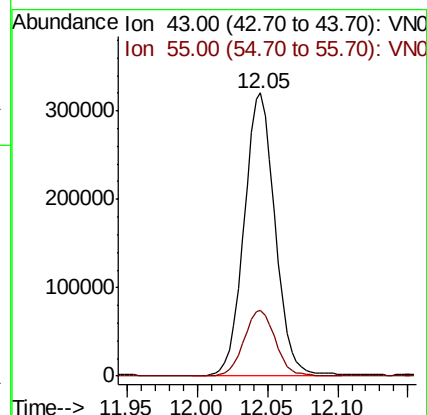
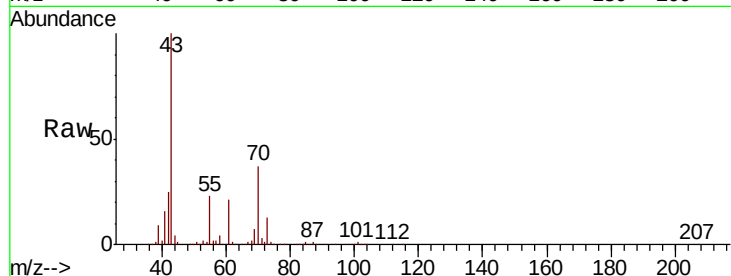
ClientSampleId :

Tot Ion: 43 Resp: 491788

Ion Ratio Lower Upper

43 100

55 24.0 19.2 28.8



#48

t-1,3-Dichloropropene

Concen: 54.199 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. -0.00 min

Lab File: VN064505.D

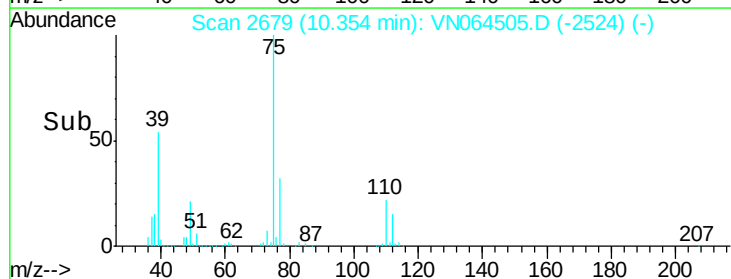
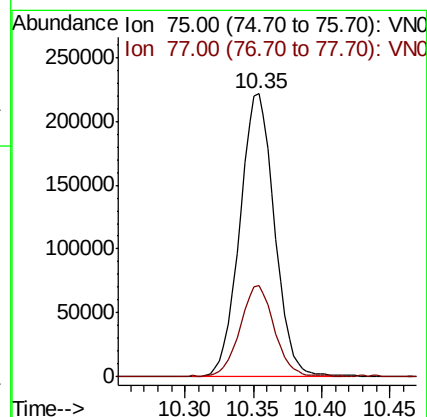
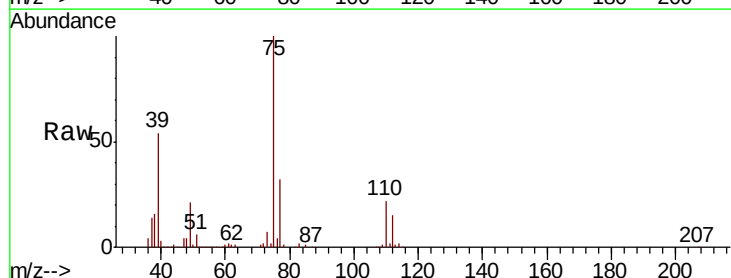
Acq: 9 Nov 2020 12:13

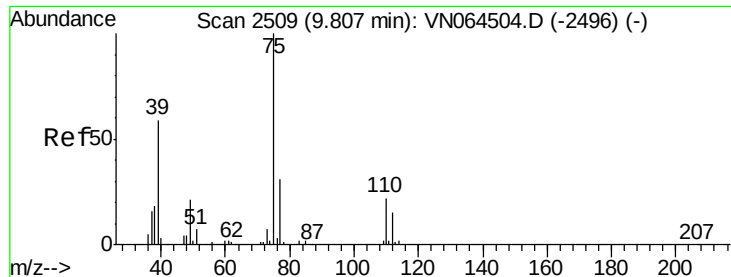
Tgt Ion: 75 Resp: 391330

Ion Ratio Lower Upper

75 100

77 31.7 25.8 38.6



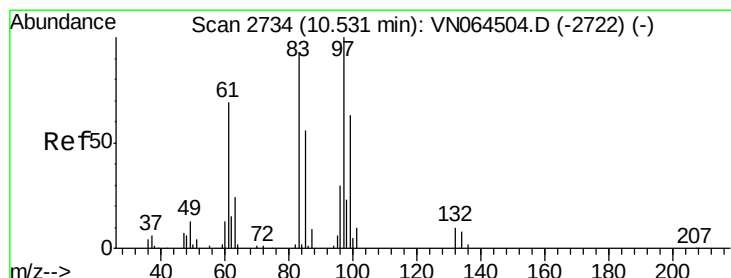
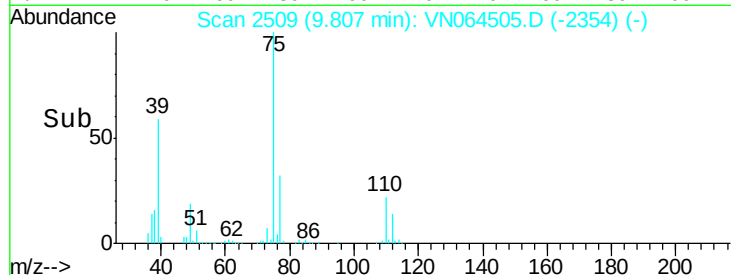
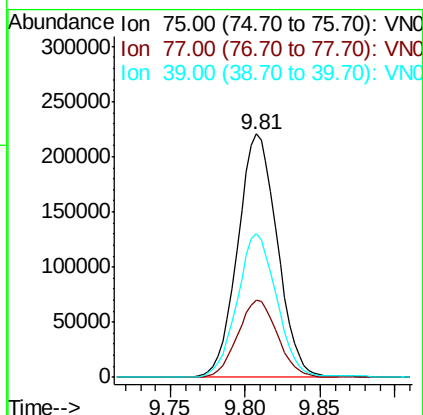
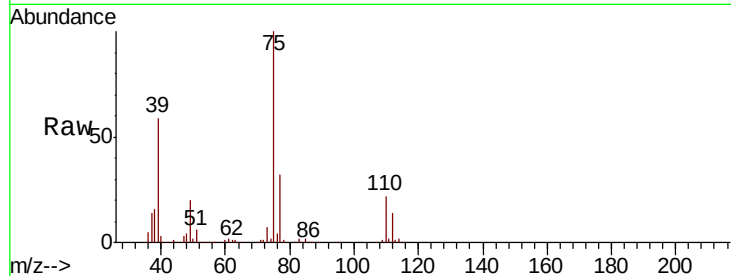


#49

cis-1,3-Dichloropropene
 Concen: 54.486 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Instrument :
 MSVOA_N
 ClientSampled :

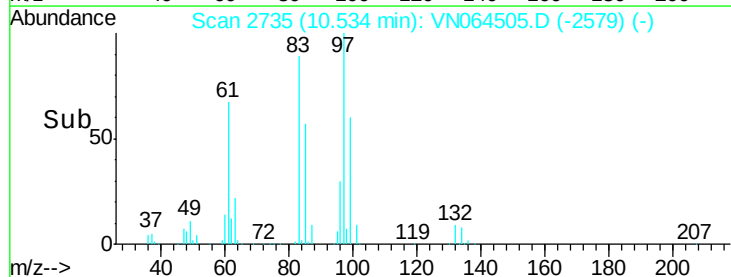
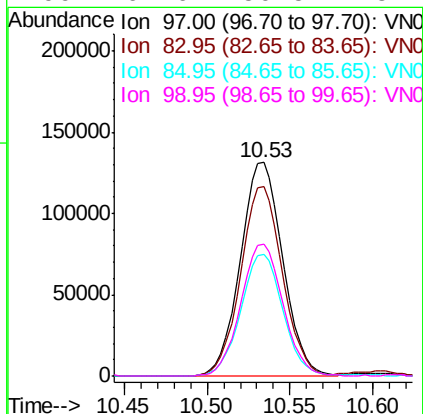
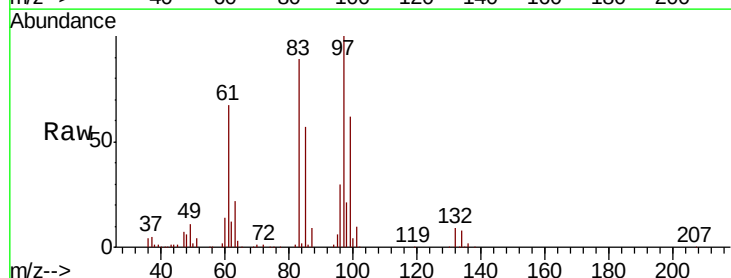
Tot Ion	75	Resp	406741
Ion	Ratio	Lower	Upper
75	100		
77	31.5	24.8	37.2
39	58.7	47.4	71.0

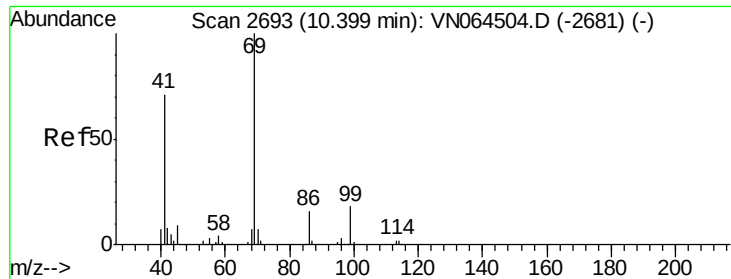


#50

1,1,2-Trichloroethane
 Concen: 56.201 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	97	Resp	233802
Ion	Ratio	Lower	Upper
97	100		
83	88.6	74.2	111.4
85	57.1	44.8	67.2
99	61.6	50.5	75.7





#51

Ethyl methacrylate

Concen: 58.256 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

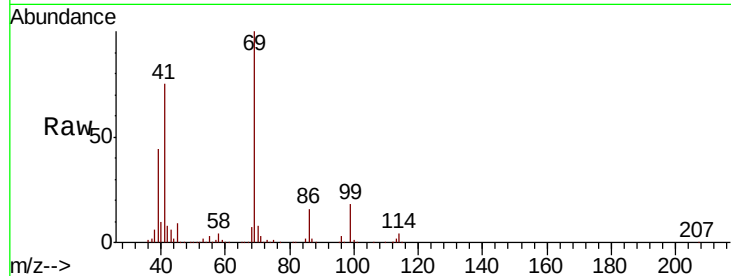
Tot Ion: 69 Resp: 347414

Ion Ratio Lower Upper

69 100

41 74.3 35.4 106.1

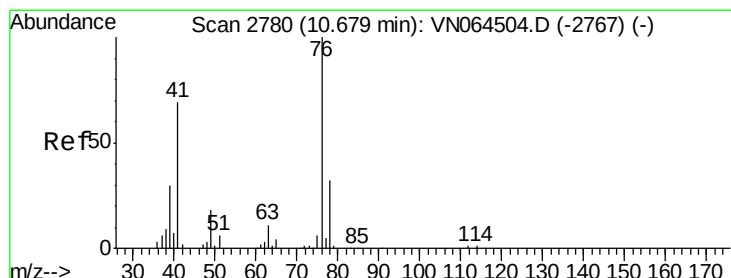
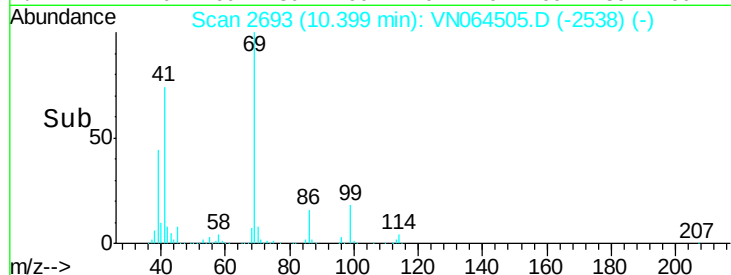
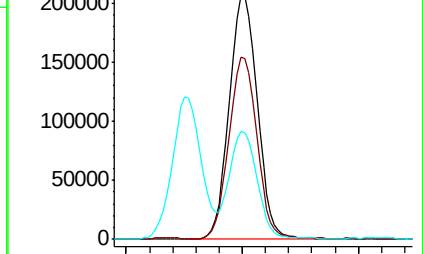
39 44.0 24.1 72.2



Abundance Ion 69.00 (68.70 to 69.70): VN064505.D (-2538) (-)

Ion 41.00 (40.70 to 41.70): VN064505.D (-2538) (-)

Ion 39.00 (38.70 to 39.70): VN064505.D (-2538) (-)



#52

1,3-Dichloropropane

Concen: 56.829 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064505.D

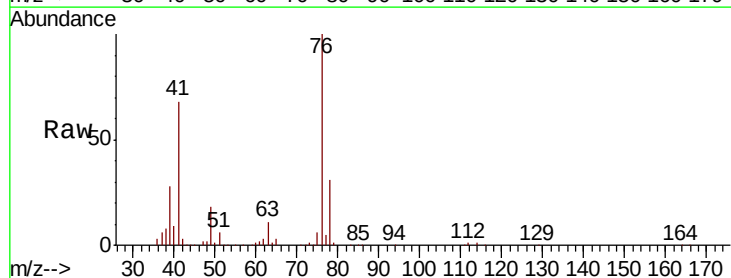
Acq: 9 Nov 2020 12:13

Tgt Ion: 76 Resp: 398185

Ion Ratio Lower Upper

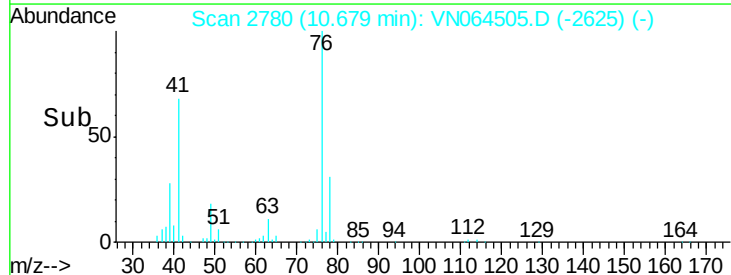
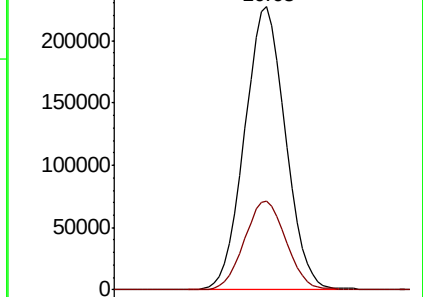
76 100

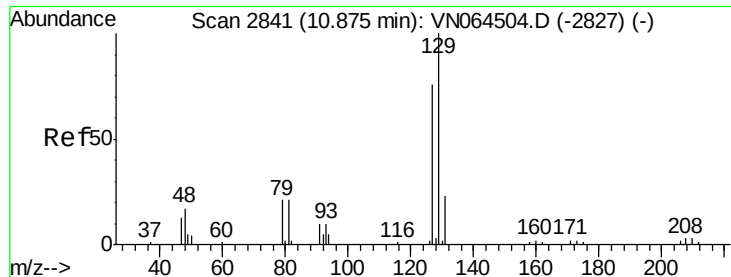
78 32.2 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VN064505.D (-2625) (-)

Ion 78.00 (77.70 to 78.70): VN064505.D (-2625) (-)

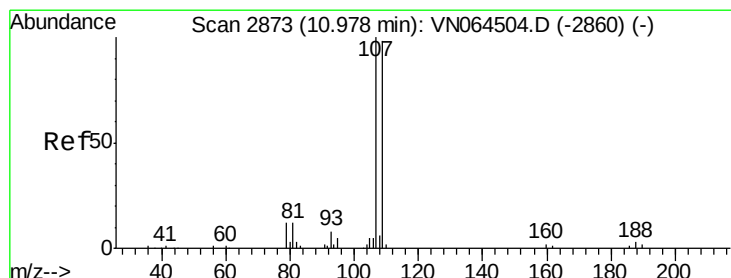
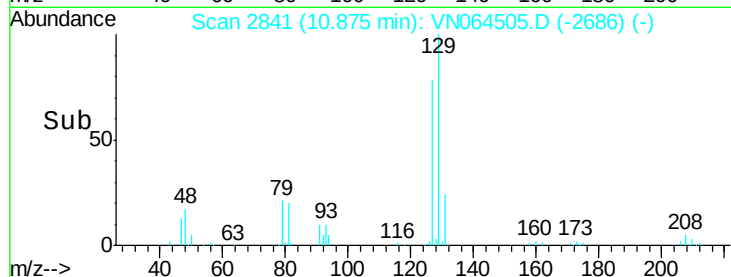
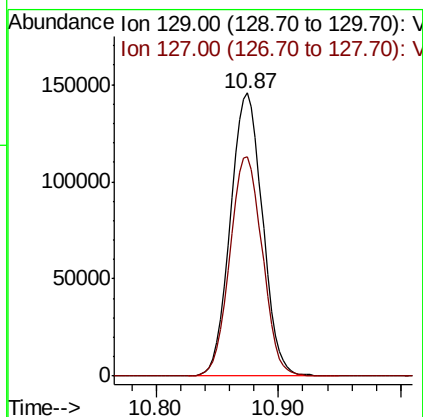
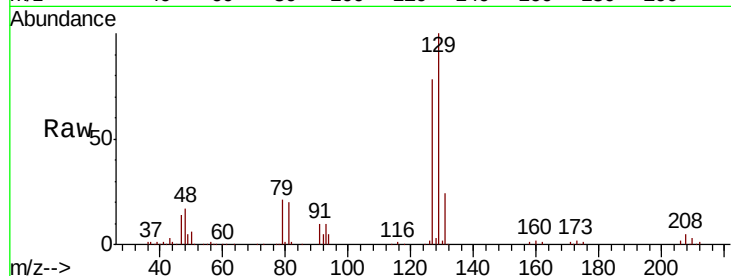




#53
Dibromochloromethane
Concen: 52.587 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

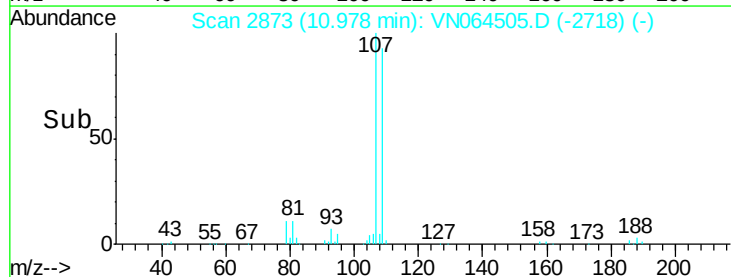
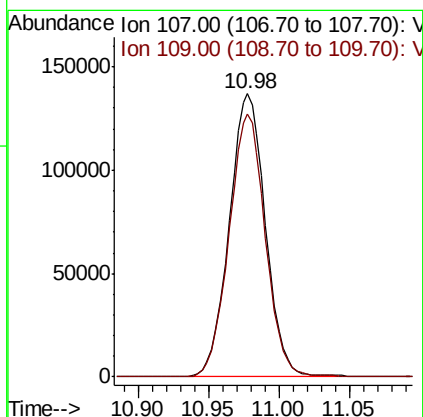
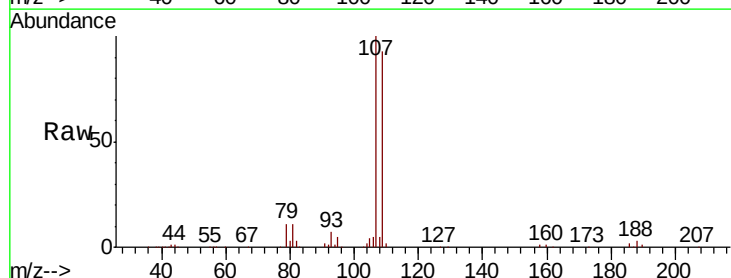
Instrument :
MSVOA_N
ClientSampleId :

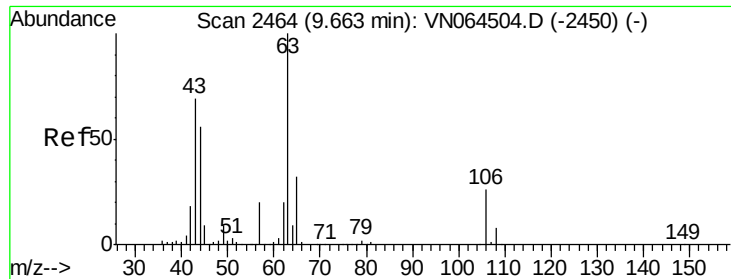
Tot Ion:129 Resp: 267022
Ion Ratio Lower Upper
129 100
127 78.3 39.1 117.2



#54
1,2-Dibromoethane
Concen: 55.632 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:107 Resp: 245170
Ion Ratio Lower Upper
107 100
109 93.2 77.2 115.8

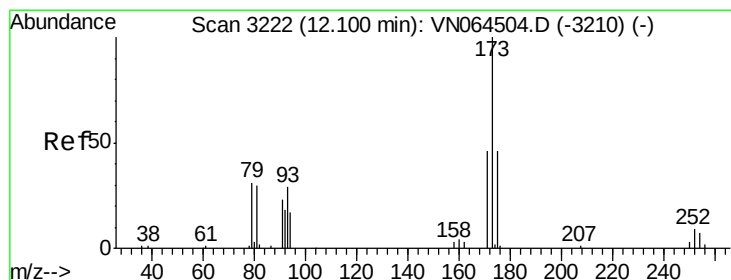
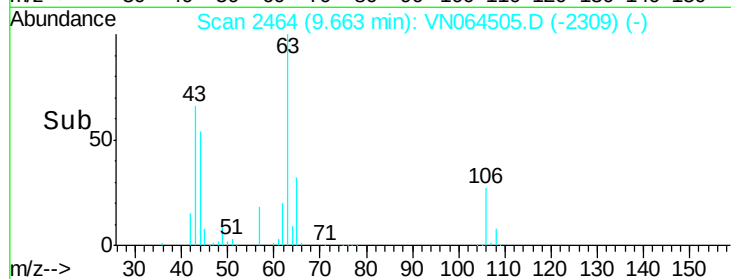
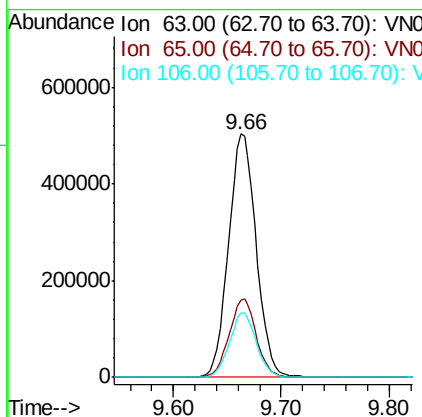
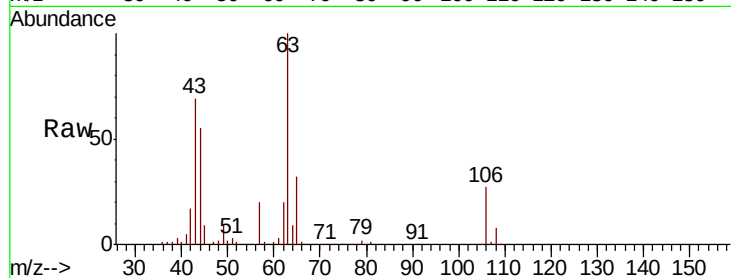




#55
2-Chloroethyl vinyl ether
Concen: 277.570 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

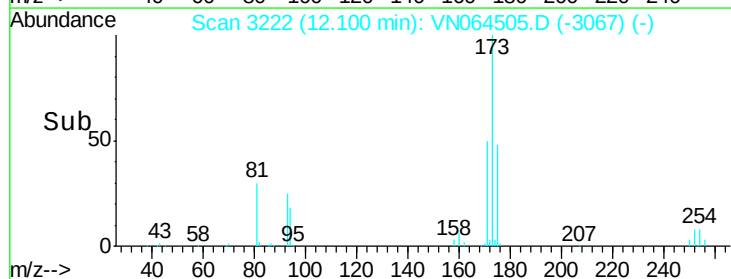
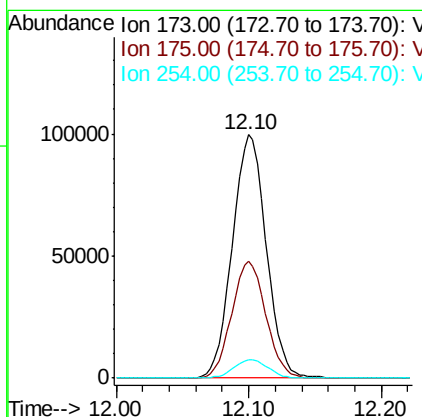
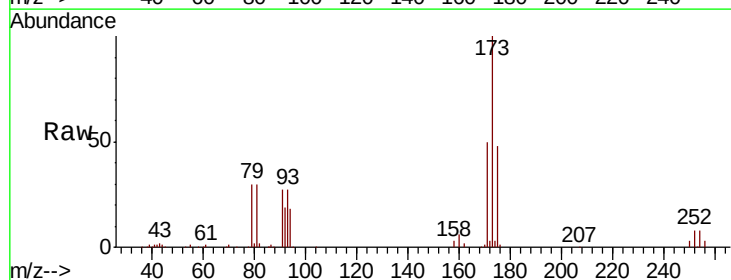
Instrument :
MSVOA_N
ClientSampled :

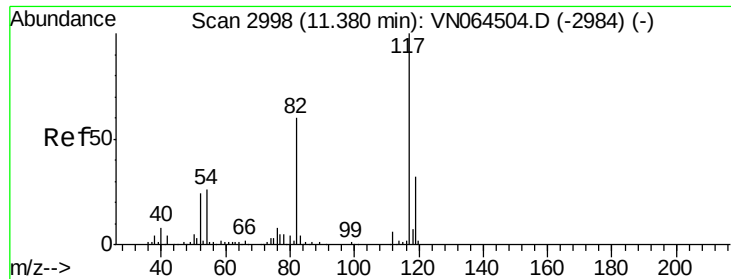
Tot Ion: 63 Resp: 901704
Ion Ratio Lower Upper
63 100
65 31.6 25.7 38.5
106 25.8 19.9 29.9



#56
Bromoform
Concen: 49.664 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 173 Resp: 176971
Ion Ratio Lower Upper
173 100
175 48.3 37.1 55.7
254 7.6 5.4 8.2

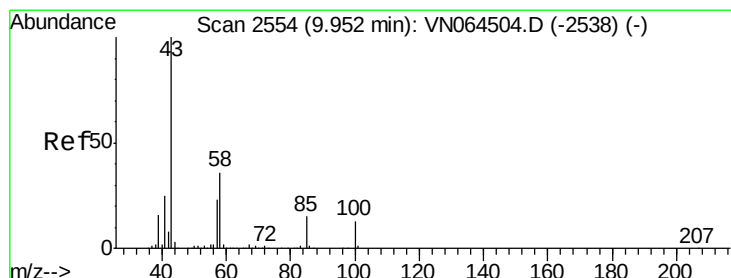
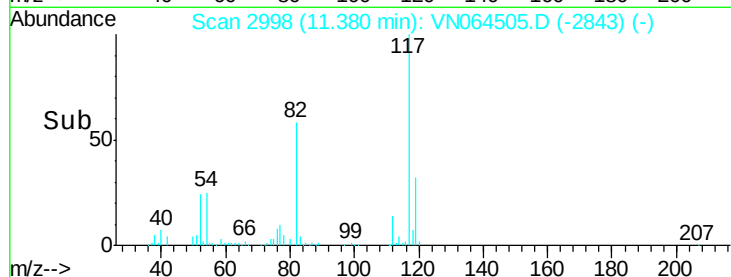
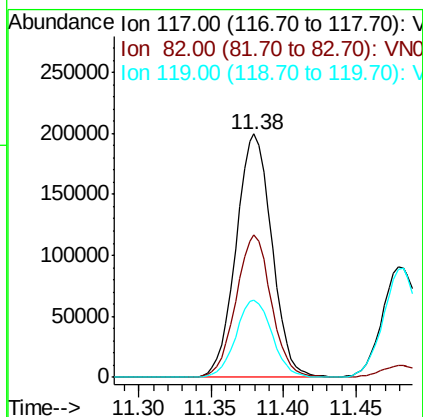
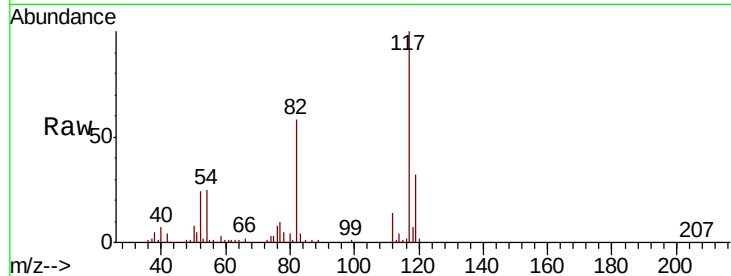




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

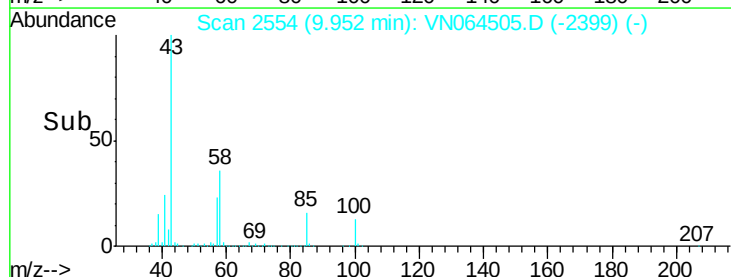
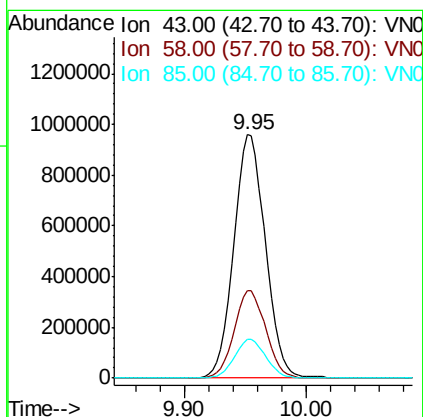
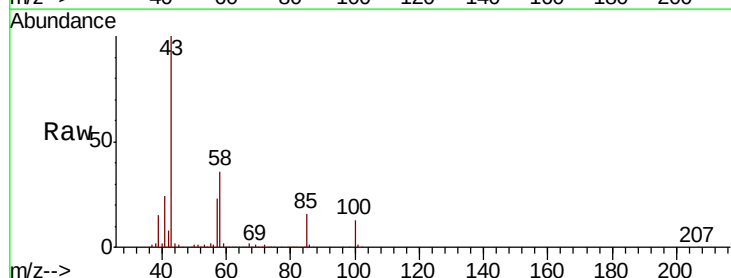
Instrument :
MSVOA_N
ClientSampled :

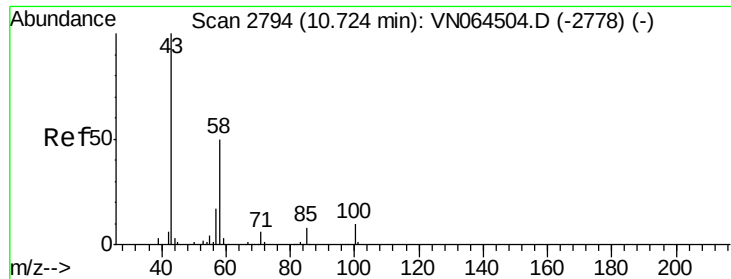
Tot Ion:117 Resp: 342402
Ion Ratio Lower Upper
117 100
82 57.7 47.8 71.8
119 32.0 25.7 38.5



#58
4-Methyl-2-Pentanone
Concen: 309.493 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 43 Resp: 1717436
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
85 15.8 12.3 18.5

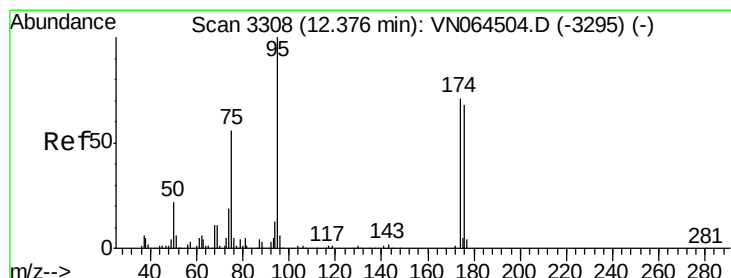
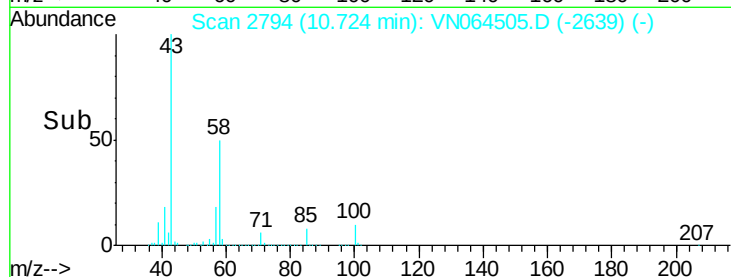
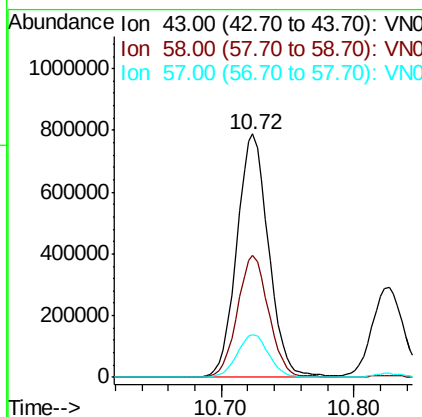
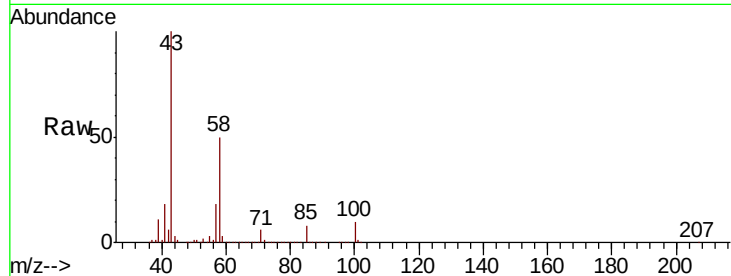




#59
2-Hexanone
Concen: 317.704 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

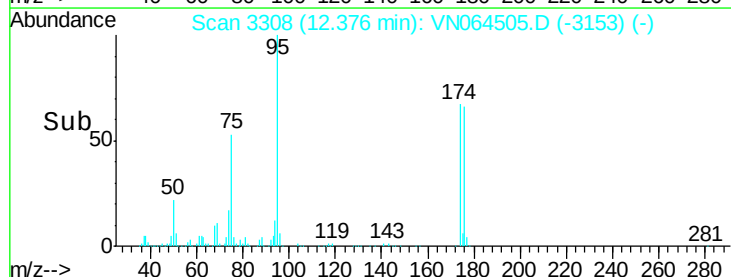
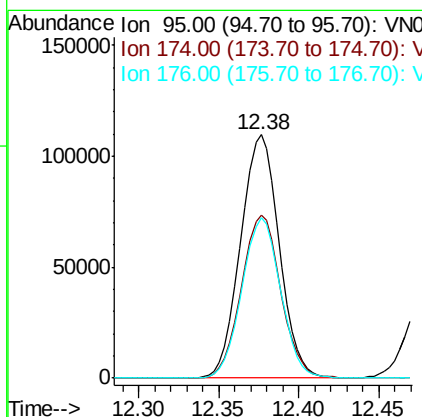
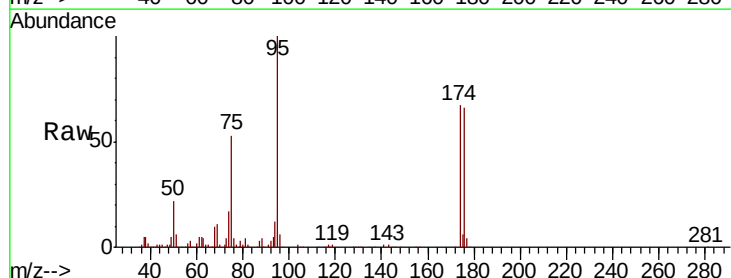
Instrument :
MSVOA_N
ClientSampled :

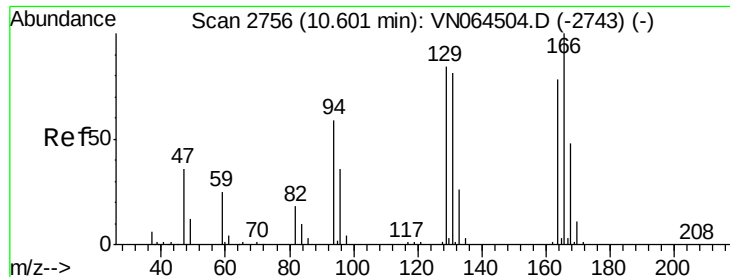
Tot Ion: 43 Resp: 1308310
Ion Ratio Lower Upper
43 100
58 49.7 38.2 57.4
57 17.7 13.8 20.8



#60
4-Bromofluorobenzene
Concen: 31.016 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion: 95 Resp: 180669
Ion Ratio Lower Upper
95 100
174 68.3 56.4 84.6
176 65.9 53.3 79.9





#61

Tetrachloroethene

Concen: 47.056 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

Tot Ion:164 Resp: 214741

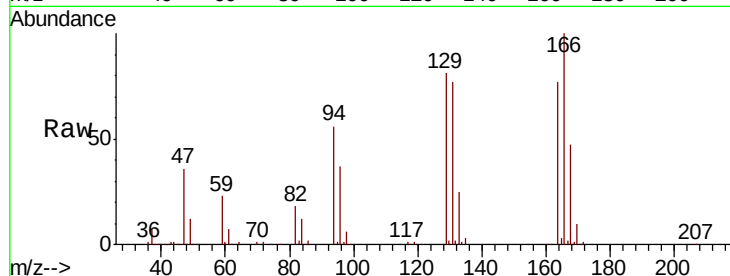
Ion Ratio Lower Upper

164 100

166 130.1 103.2 154.8

129 105.9 86.4 129.6

131 99.9 84.0 126.0

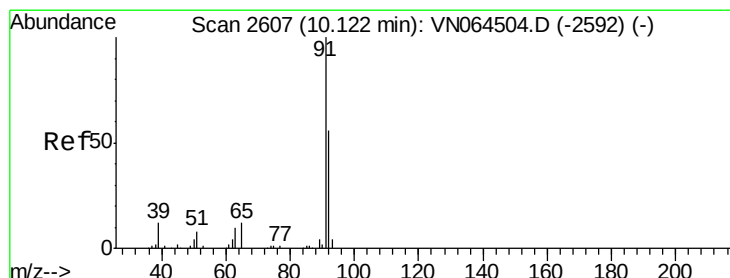
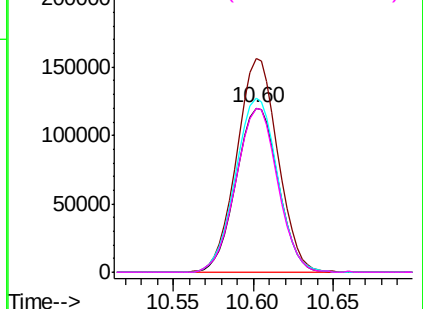
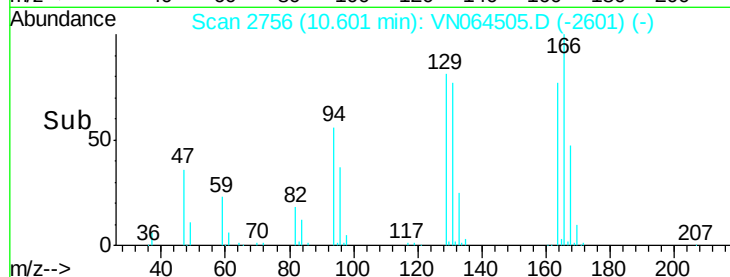


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 53.197 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064505.D

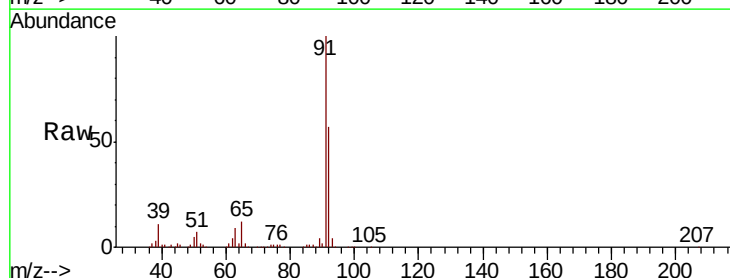
Acq: 9 Nov 2020 12:13

Tgt Ion: 91 Resp: 1027007

Ion Ratio Lower Upper

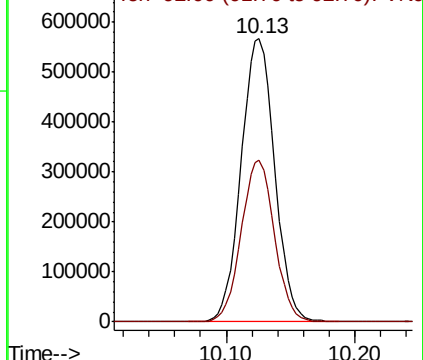
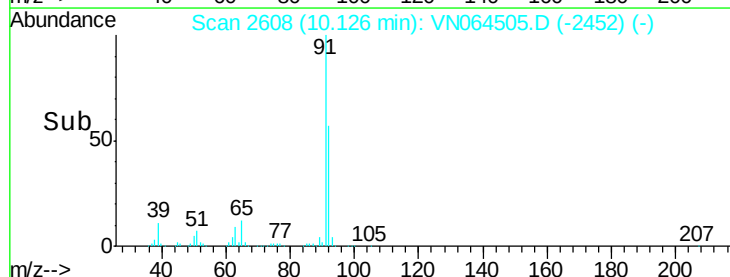
91 100

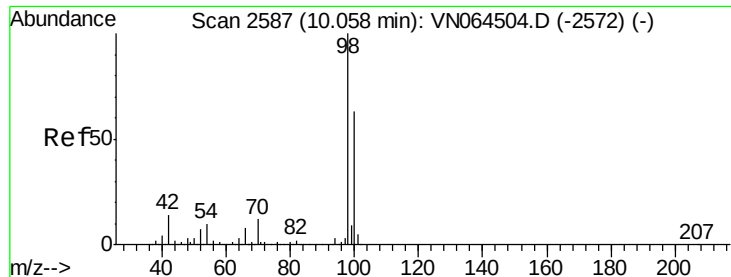
92 56.8 45.4 68.2



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V





#63

Toluene-d8

Concen: 30.710 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

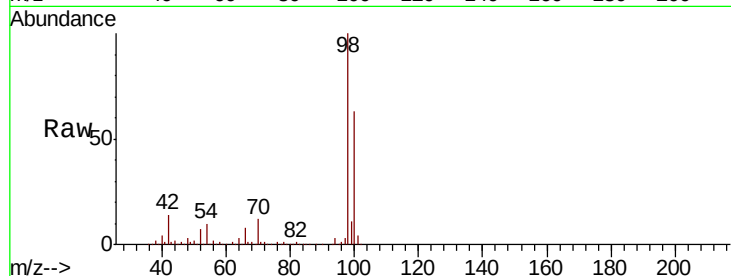
ClientSampleId :

Tot Ion: 98 Resp: 476346

Ion Ratio Lower Upper

98 100

100 63.0 49.4 74.2



Abundance Ion 98.00 (97.70 to 98.70): VN064505.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064505.D (-2572) (-)

10.06

250000

200000

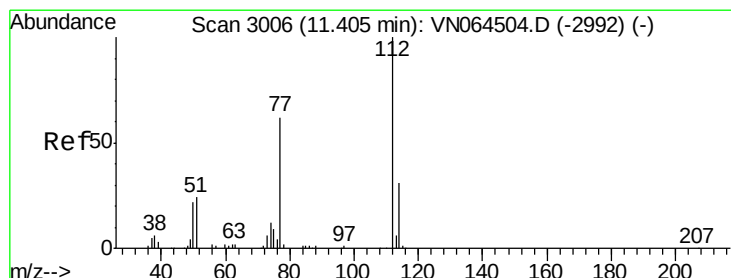
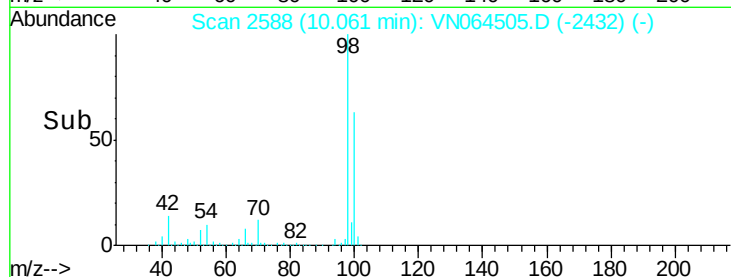
150000

100000

50000

0

Time-->



#64

Chlorobenzene

Concen: 50.955 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. -0.00 min

Lab File: VN064505.D

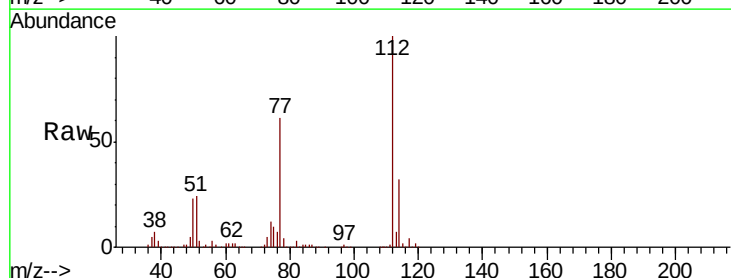
Acq: 9 Nov 2020 12:13

Tgt Ion: 112 Resp: 609308

Ion Ratio Lower Upper

112 100

114 31.6 25.0 37.6



Abundance Ion 112.00 (111.70 to 112.70): VN064505.D (-2992) (-)

Ion 114.00 (113.70 to 114.70): VN064505.D (-2992) (-)

11.41

400000

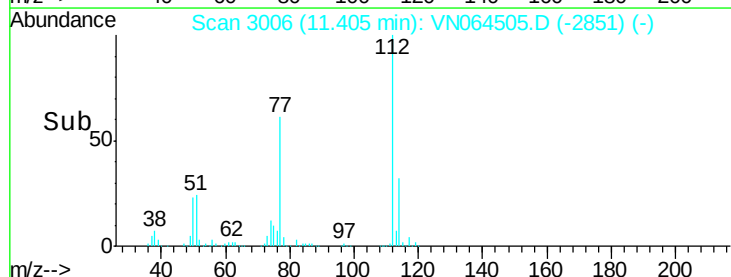
300000

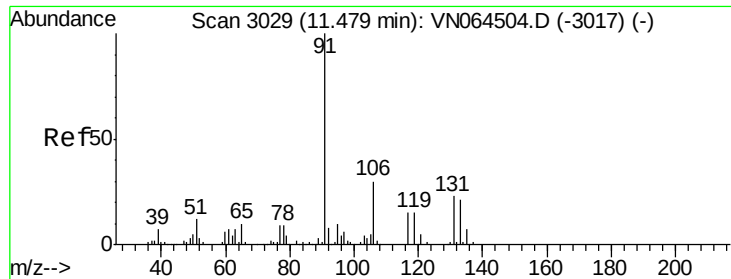
200000

100000

0

Time-->

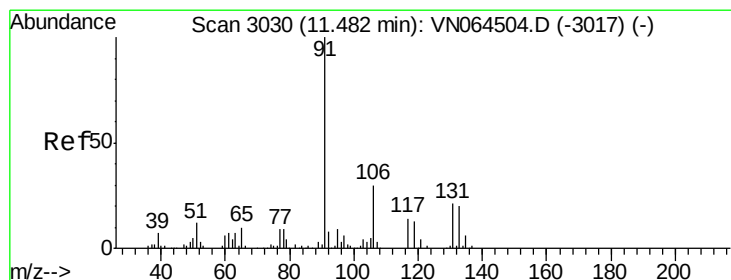
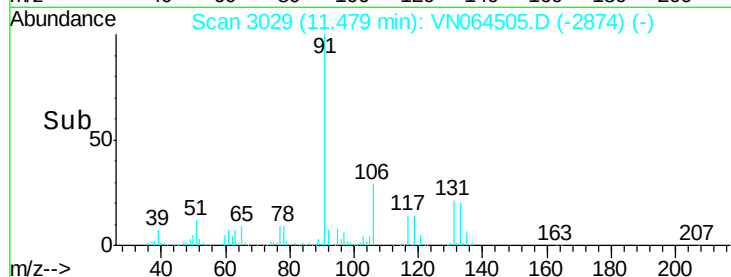
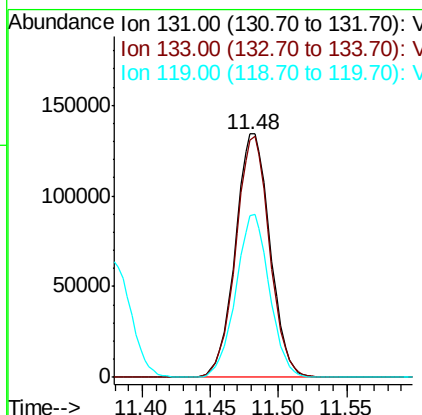
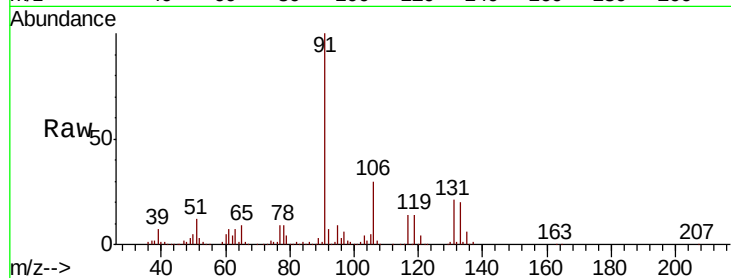




#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.084 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

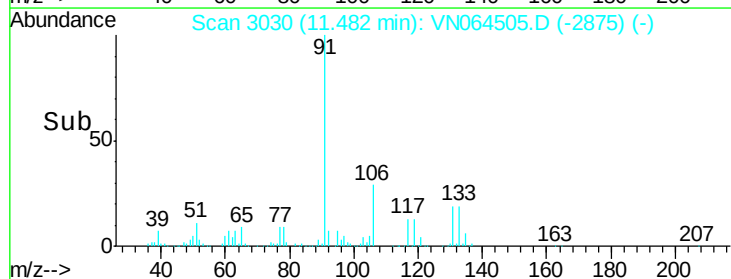
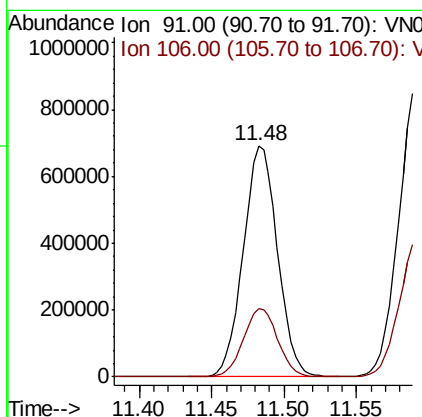
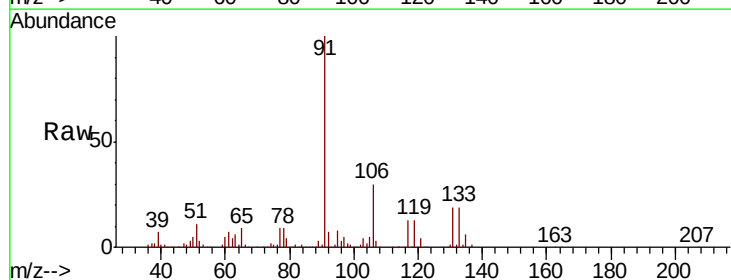
Instrument :
 MSVOA_N
 ClientSampleId :

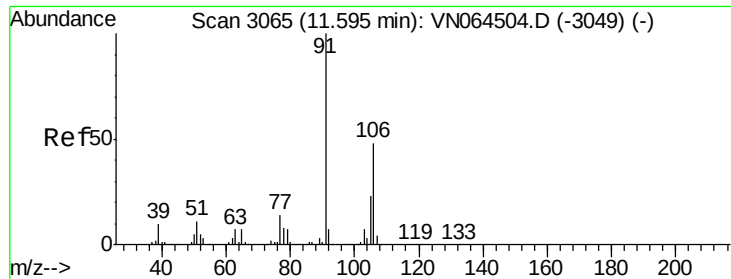
Tot Ion:131 Resp: 236809
 Ion Ratio Lower Upper
 131 100
 133 96.3 0.0 191.2
 119 64.8 0.0 131.6



#66
 Ethyl Benzene
 Concen: 53.953 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion: 91 Resp: 1137053
 Ion Ratio Lower Upper
 91 100
 106 29.6 23.9 35.9

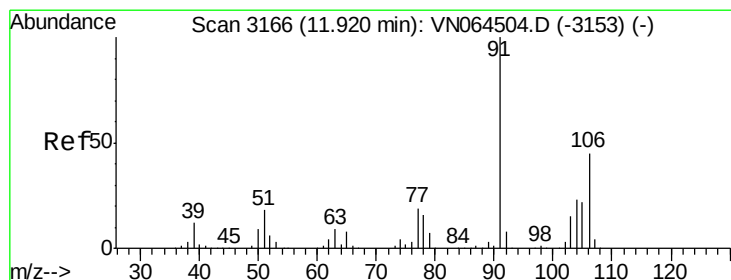
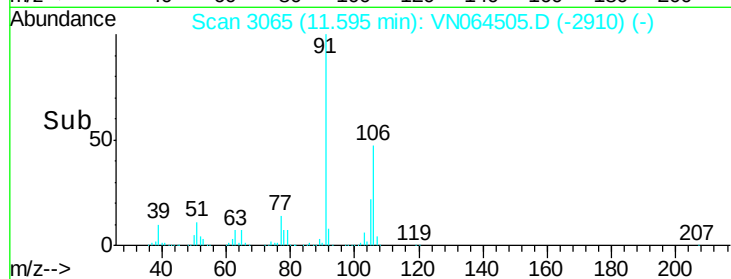
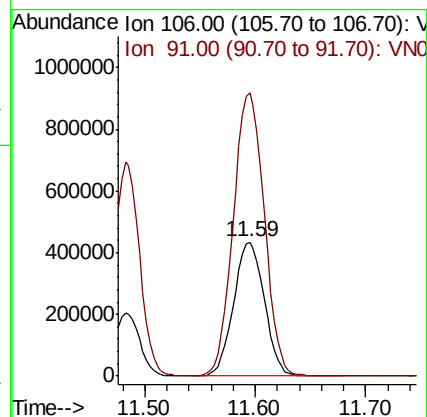
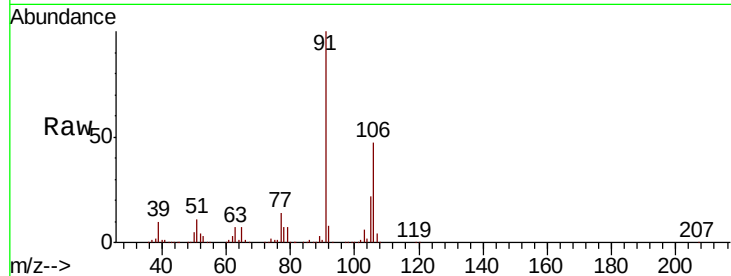




#67
m/p-Xylenes
Concen: 105.632 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

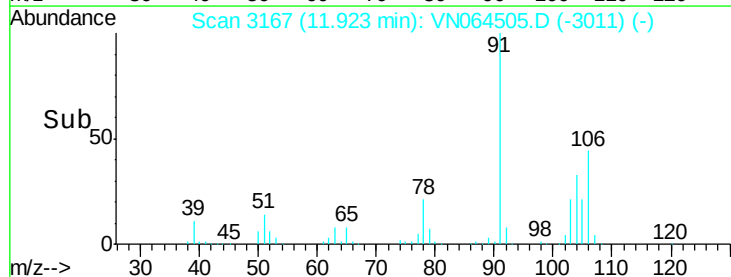
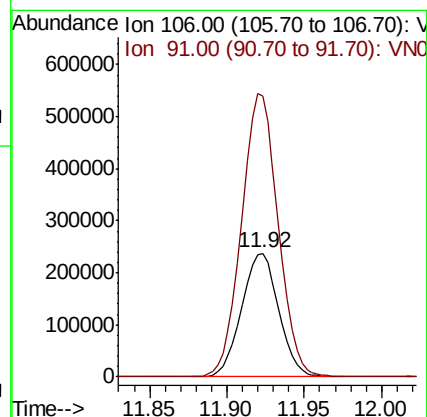
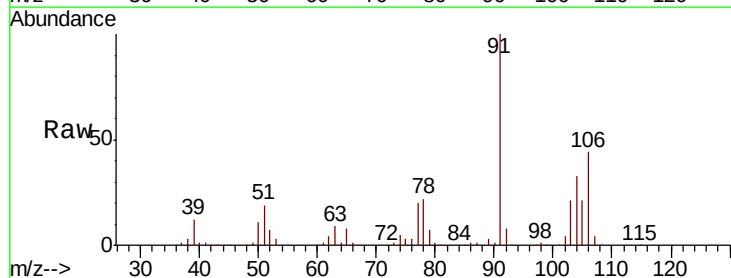
Instrument :
MSVOA_N
ClientSampled :

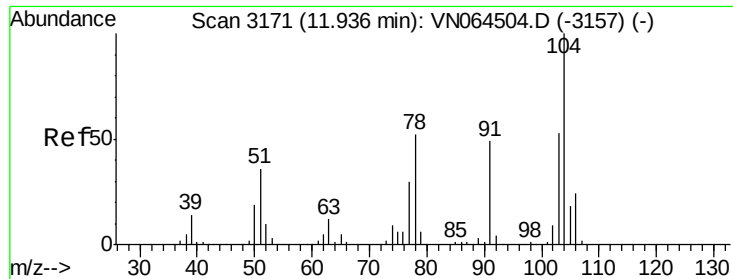
Tot Ion:106 Resp: 837972
Ion Ratio Lower Upper
106 100
91 213.5 168.8 253.2



#68
o-Xylene
Concen: 52.074 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:106 Resp: 396135
Ion Ratio Lower Upper
106 100
91 225.6 109.7 329.2

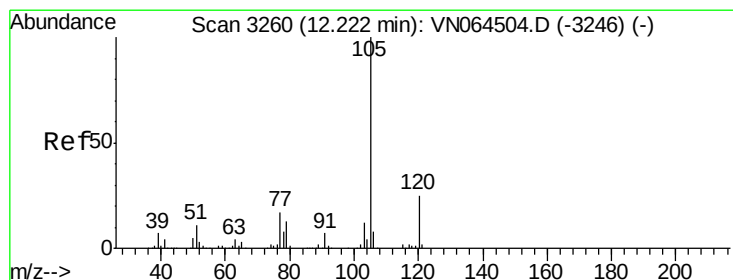
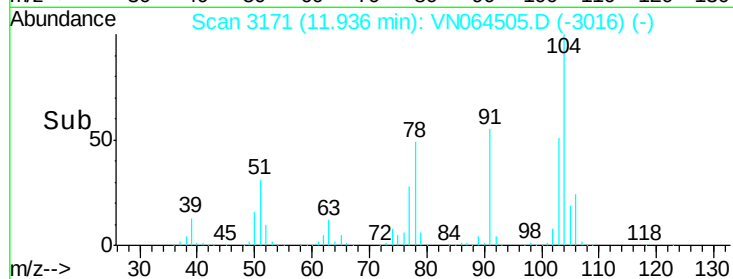
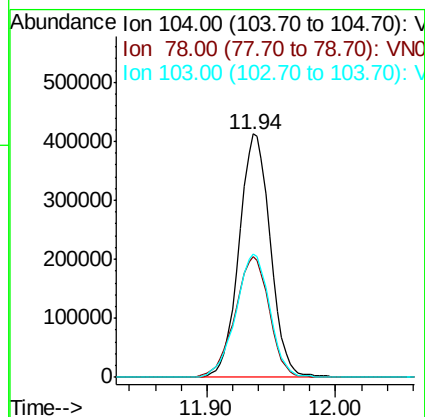
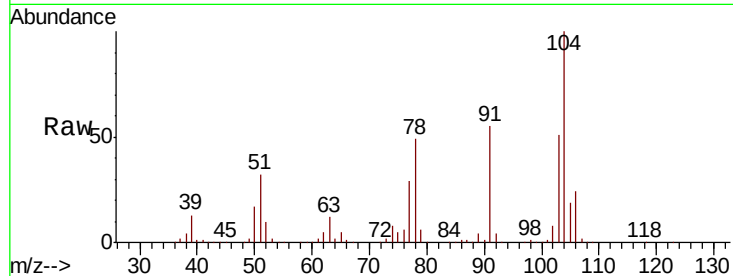




#69
Stvrene
Concen: 54.608 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

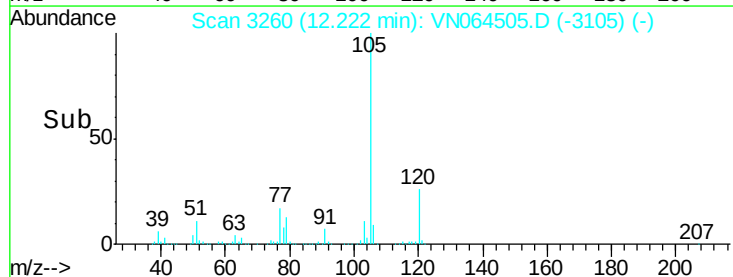
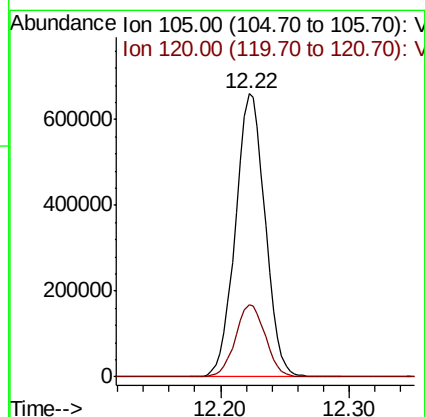
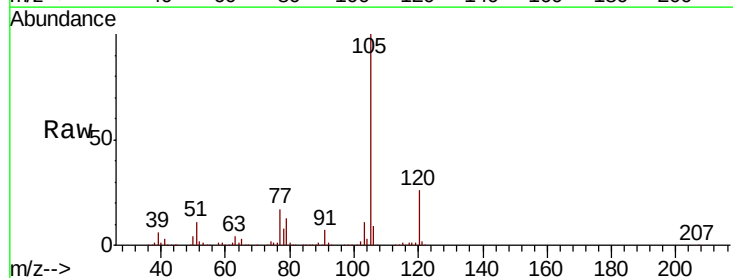
Instrument :
MSVOA_N
ClientSampled :

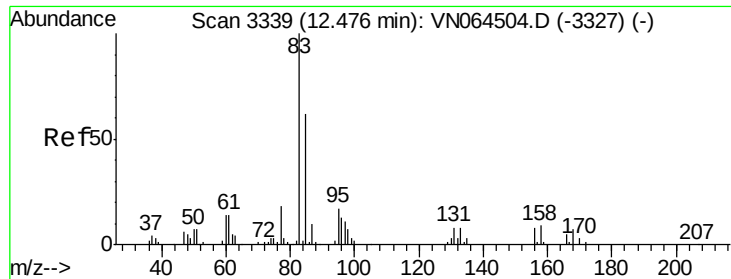
Tot Ion:104 Resp: 697302
Ion Ratio Lower Upper
104 100
78 54.0 44.4 66.6
103 55.2 44.6 67.0



#70
Isopropylbenzene
Concen: 53.524 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:105 Resp: 1055496
Ion Ratio Lower Upper
105 100
120 25.6 17.9 33.3

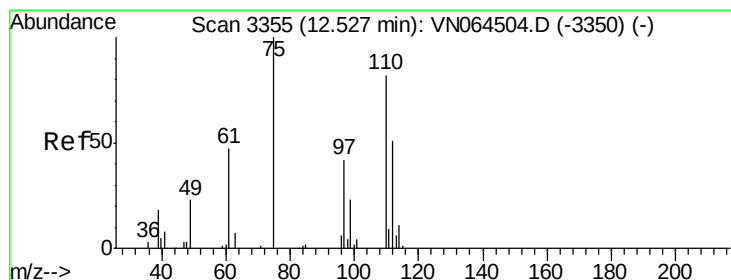
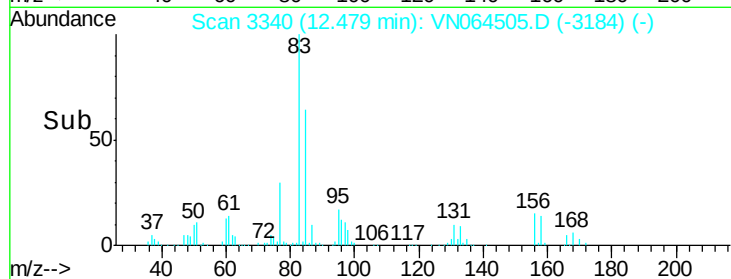
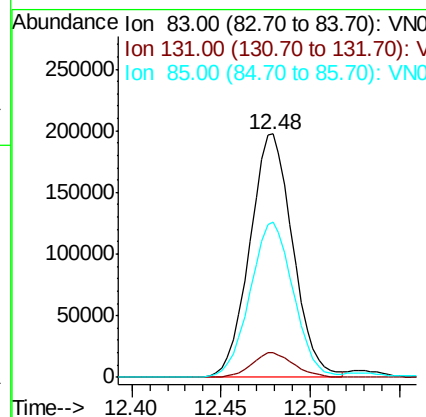
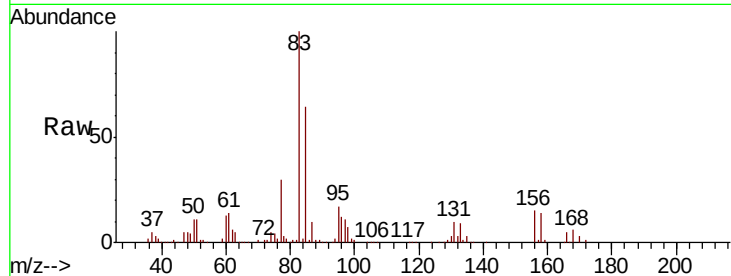




#71
 1,1,2,2-Tetrachloroethane
 Concen: 59.171 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

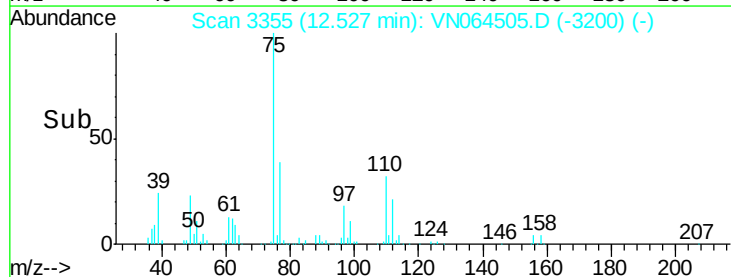
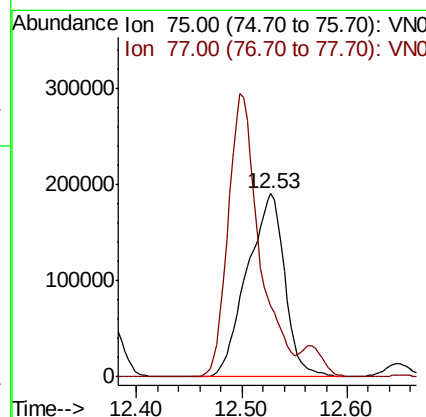
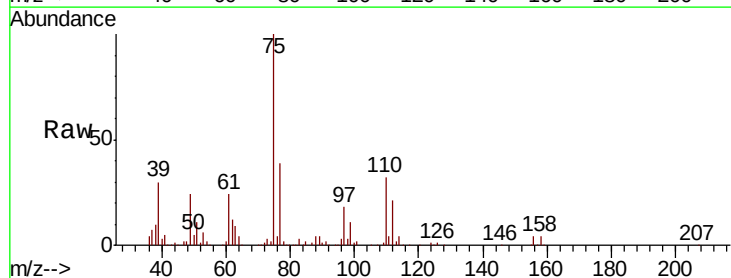
Instrument :
 MSVOA_N
 ClientSampleId :

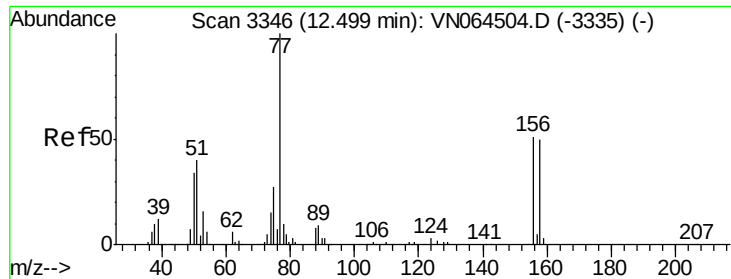
Tot Ion	83	Resp	333135
Ion Ratio	100	Lower	Upper
131	10.0	4.6	13.8
85	64.0	31.4	94.0



#72
 1,2,3-Trichloropropane
 Concen: 81.570 ug/l
 RT: 12.53 min Scan# 3355
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	75	Resp	473182
Ion Ratio	100	Lower	Upper
77	127.4	0.0	379.4





#73

Bromobenzene

Concen: 50.396 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

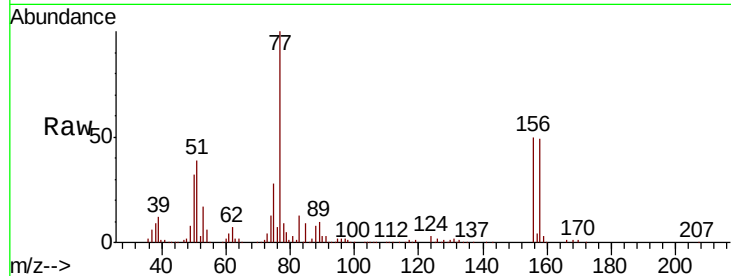
Tot Ion:156 Resp: 254544

Ion Ratio Lower Upper

156 100

77 236.9 0.0 480.2

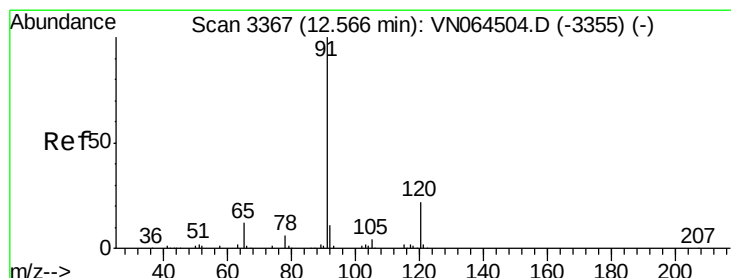
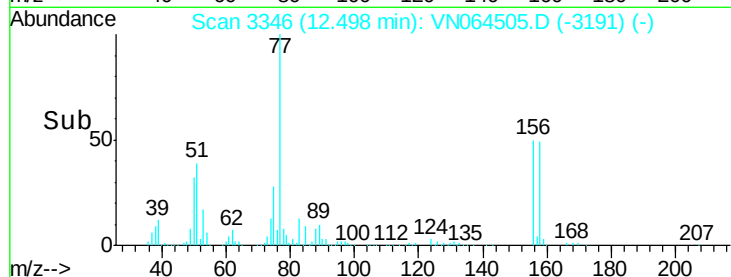
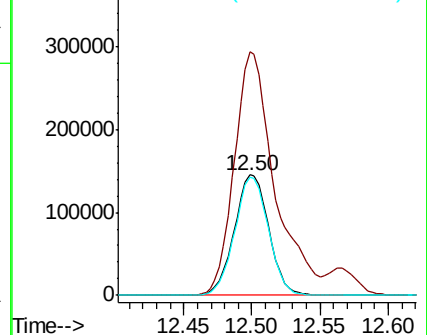
158 96.5 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 56.857 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064505.D

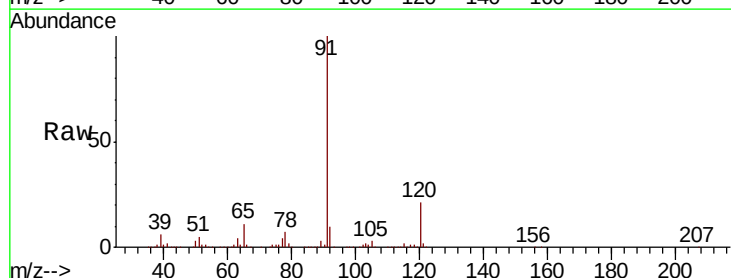
Acq: 9 Nov 2020 12:13

Tgt Ion: 91 Resp: 1245230

Ion Ratio Lower Upper

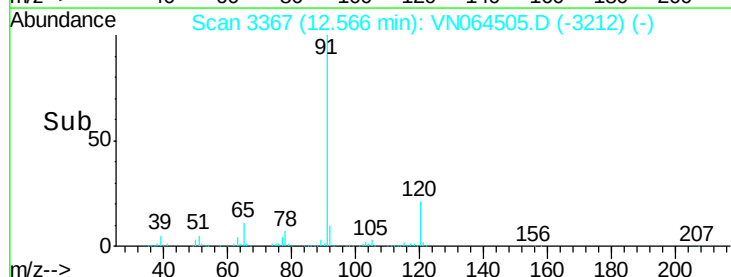
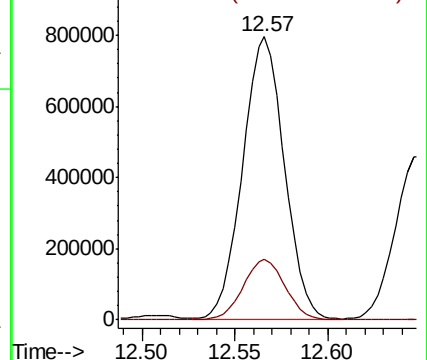
91 100

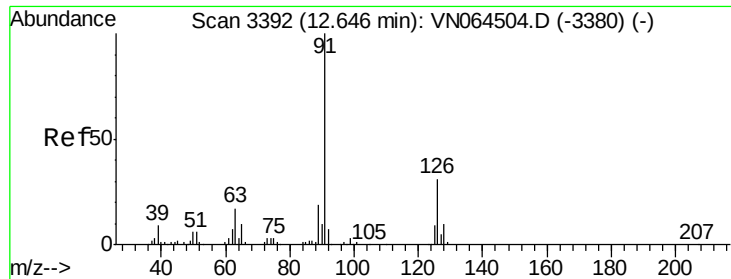
120 21.5 0.0 42.8



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 54.794 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

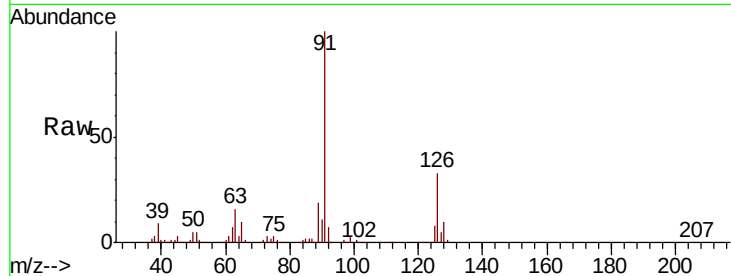
ClientSampleId :

Tot Ion: 91 Resp: 759063

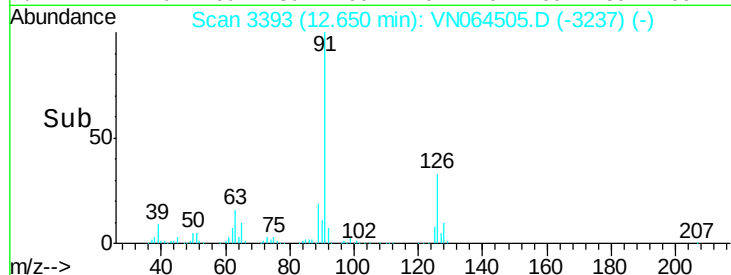
Ion Ratio Lower Upper

91 100

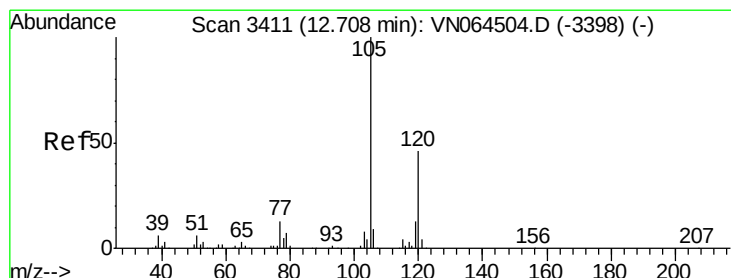
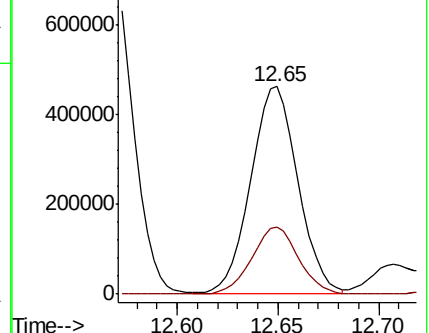
126 32.1 0.0 61.8



Abundance Ion 91.00 (90.70 to 91.70): VN064505.D (-3237) (-)



Ion 126.00 (125.70 to 126.70): VN064505.D (-3237) (-)



#76

1,3,5-Trimethylbenzene

Concen: 54.358 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064505.D

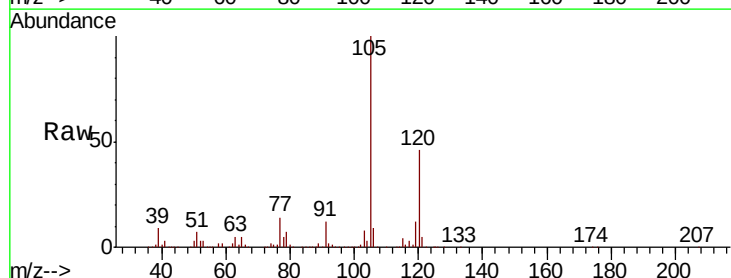
Acq: 9 Nov 2020 12:13

Tgt Ion: 105 Resp: 890963

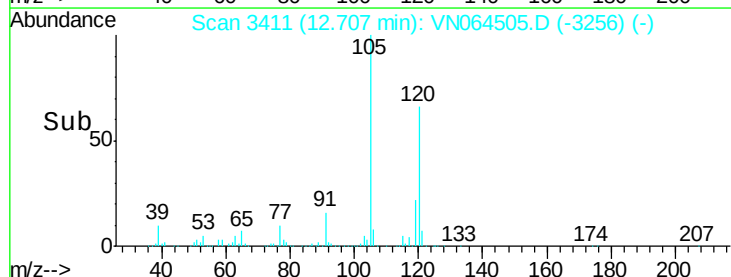
Ion Ratio Lower Upper

105 100

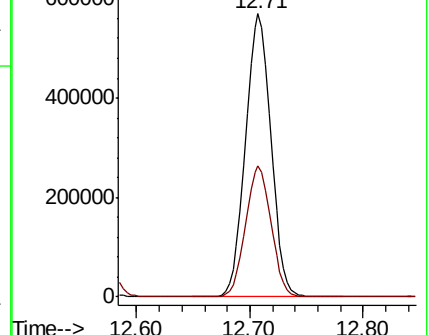
120 46.4 0.0 90.4

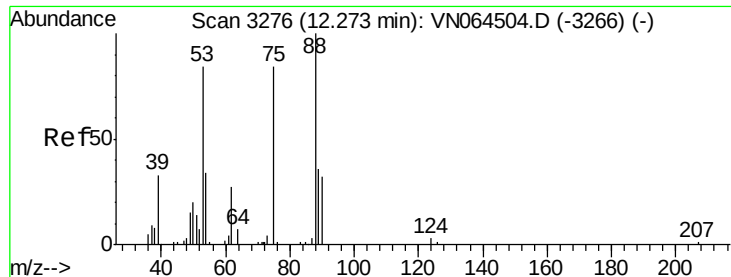


Abundance Ion 105.00 (104.70 to 105.70): VN064505.D (-3256) (-)



Ion 120.00 (119.70 to 120.70): VN064505.D (-3256) (-)





#77

t-1,4-Dichloro-2-butene

Concen: 60.354 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampled :

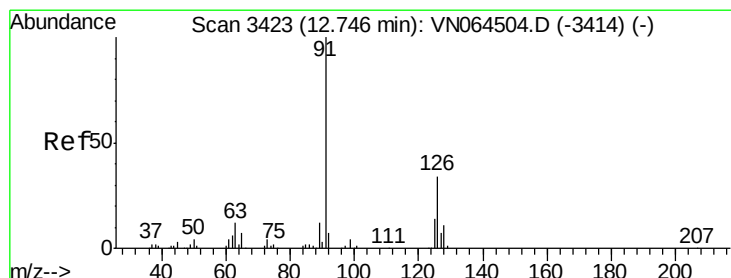
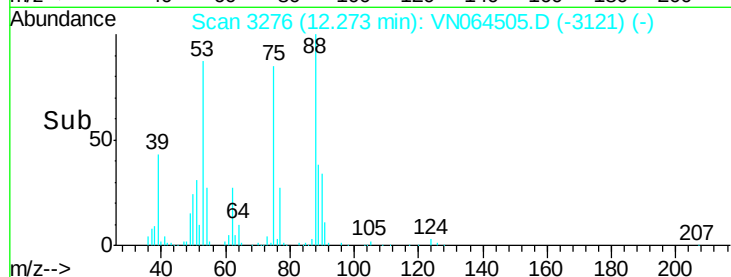
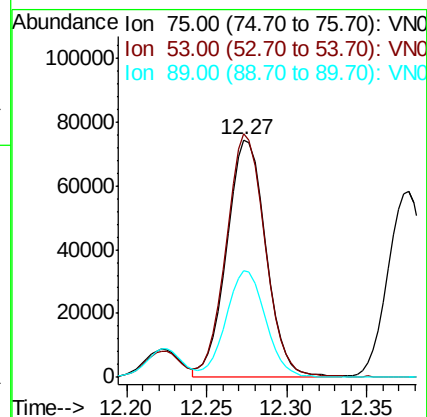
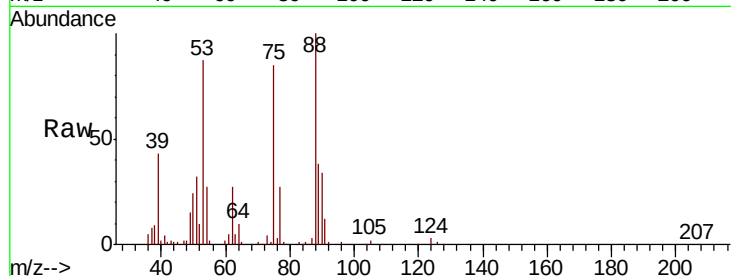
Tot Ion: 75 Resp: 124529

Ion Ratio Lower Upper

75 100

53 102.6 50.3 150.9

89 44.8 23.3 69.8



#78

4-Chlorotoluene

Concen: 55.956 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064505.D

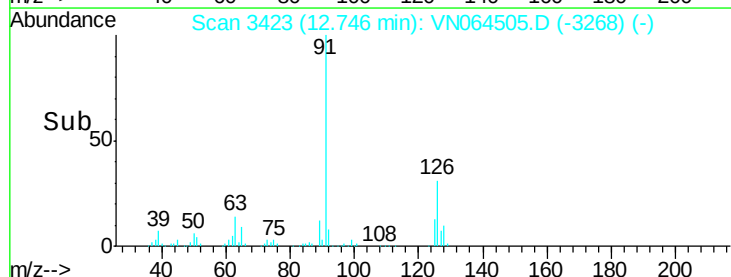
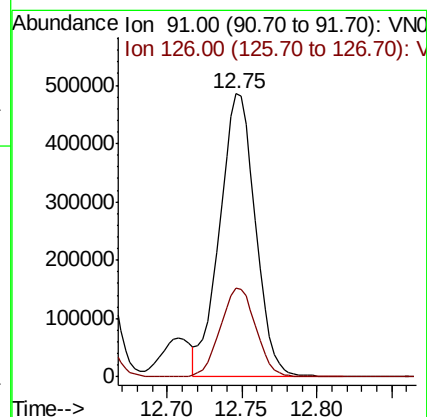
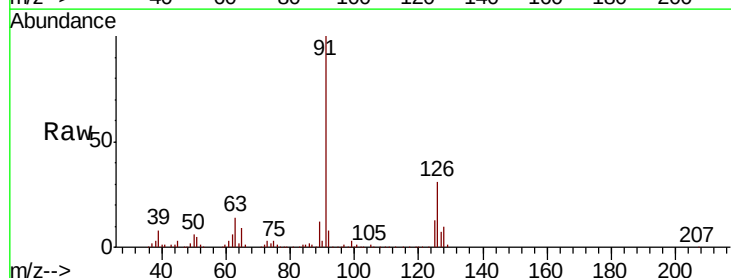
Acq: 9 Nov 2020 12:13

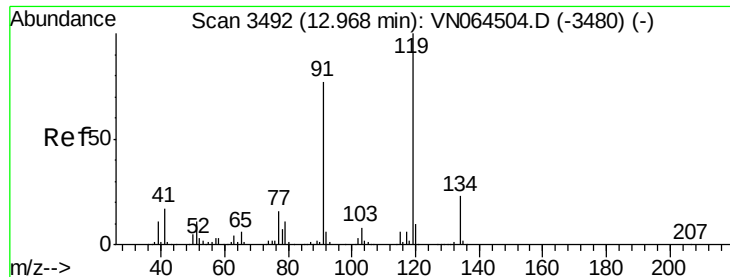
Tgt Ion: 91 Resp: 805061

Ion Ratio Lower Upper

91 100

126 31.5 0.0 61.8

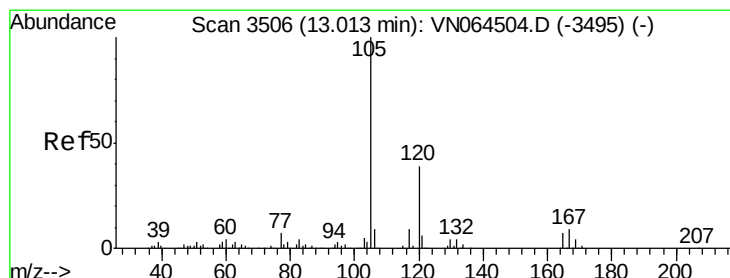
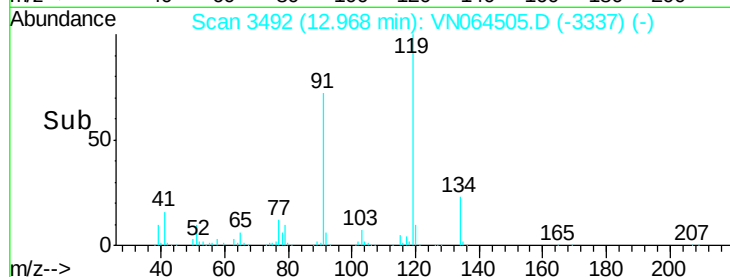
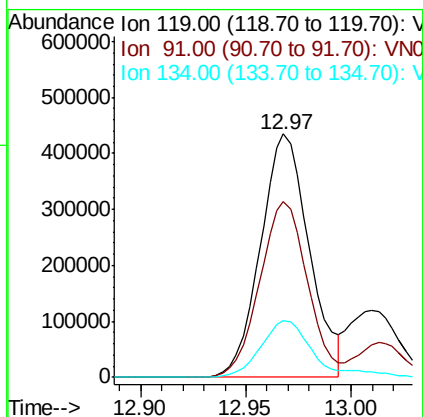
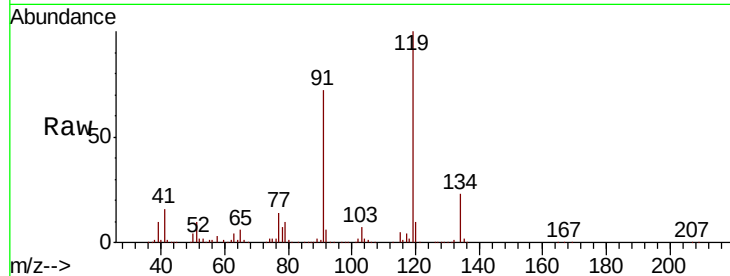




#79
tert-butylbenzene
Concen: 54.129 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

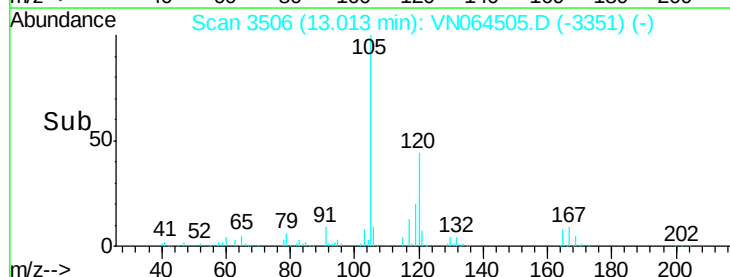
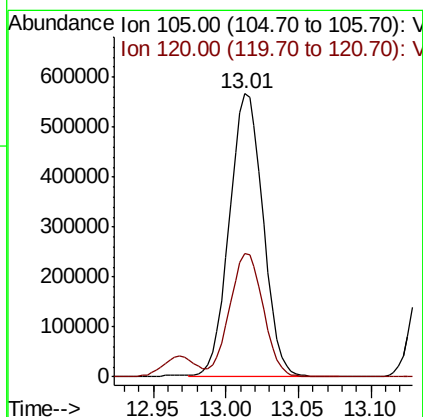
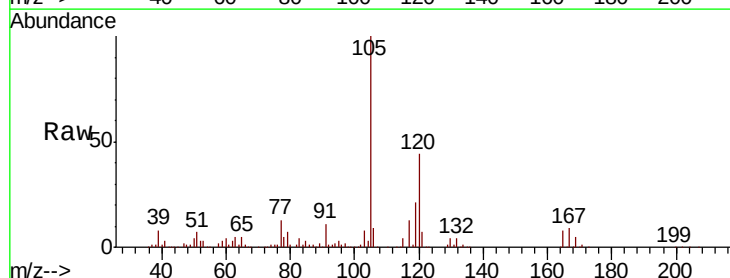
Instrument :
MSVOA_N
ClientSampled :

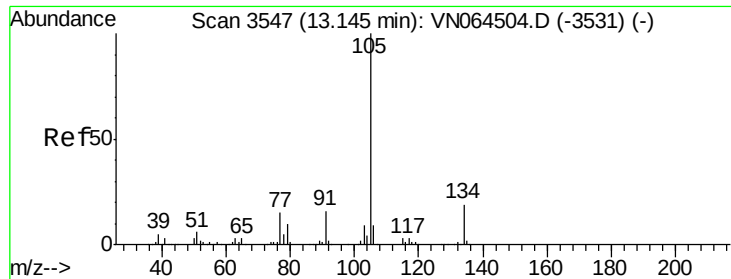
Tot Ion:119 Resp: 697446
Ion Ratio Lower Upper
119 100
91 70.6 0.0 147.8
134 23.4 0.0 50.6



#80
1,2,4-Trimethylbenzene
Concen: 55.450 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:105 Resp: 915257
Ion Ratio Lower Upper
105 100
120 43.6 0.0 88.6

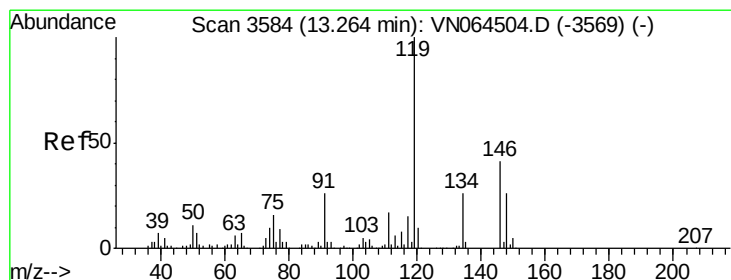
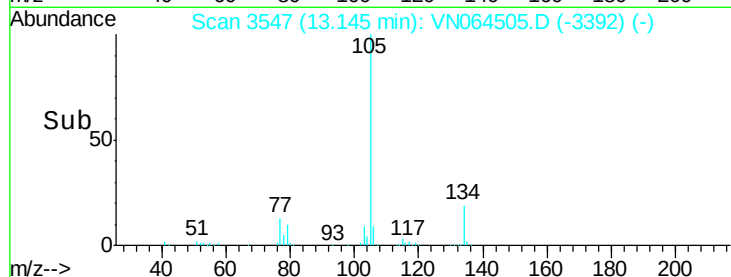
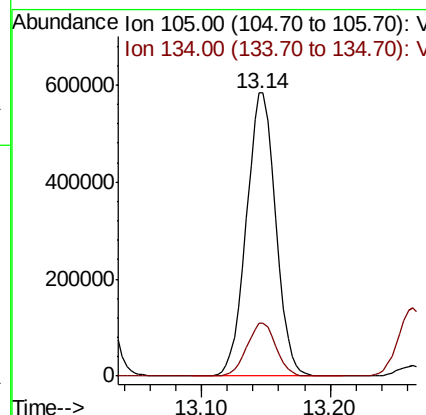
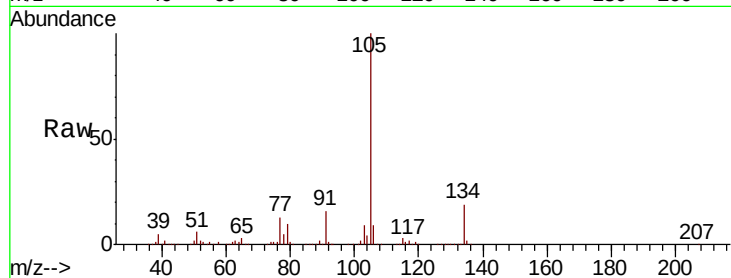




#81
 sec-Butylbenzene
 Concen: 55.502 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

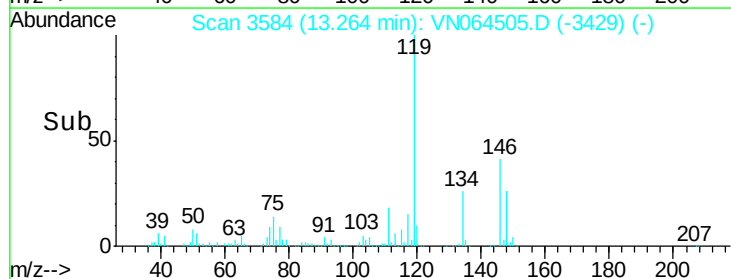
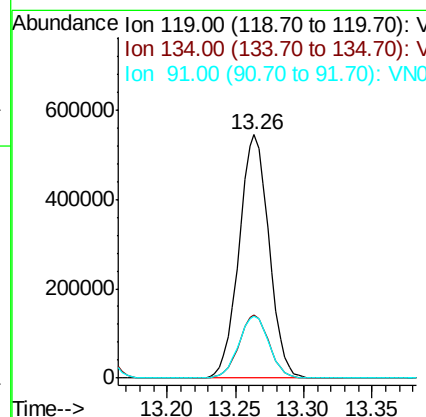
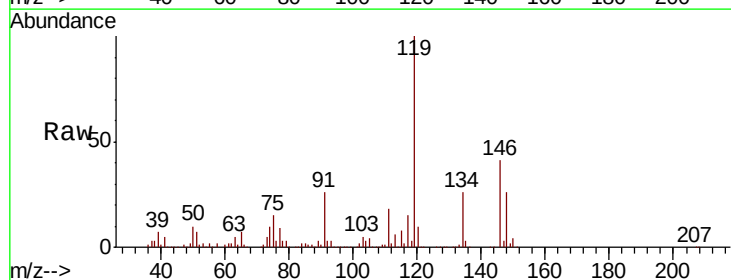
Instrument :
 MSVOA_N
 ClientSampled :

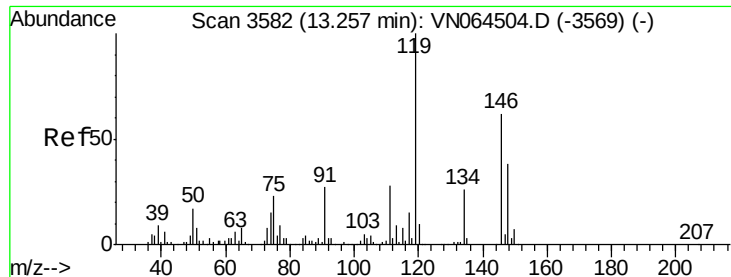
Tot Ion:105 Resp: 919716
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 54.605 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion:119 Resp: 826895
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 53.0
 91 25.8 0.0 53.2

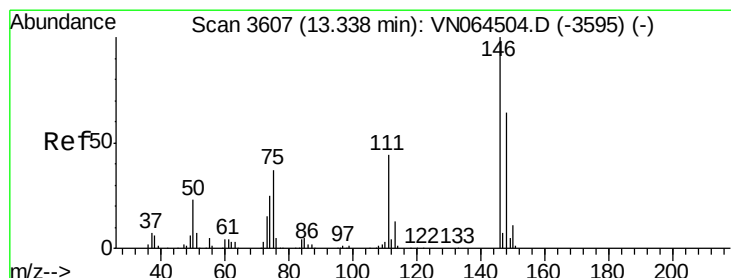
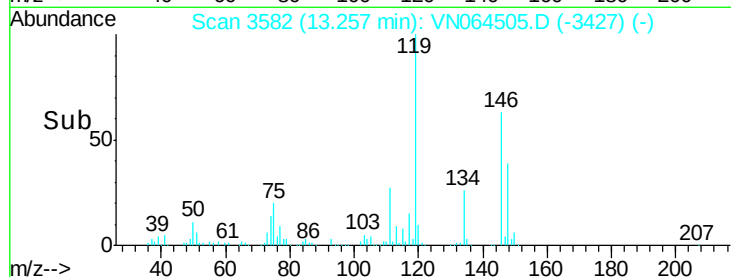
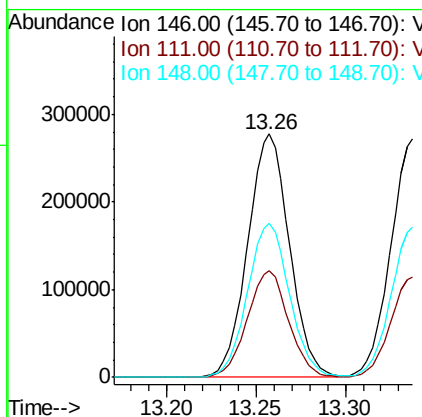
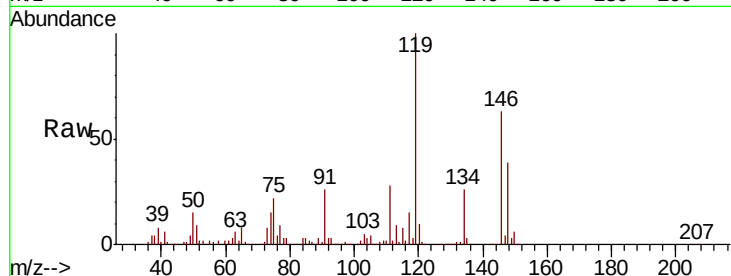




#83
 1,3-Dichlorobenzene
 Concen: 52.178 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

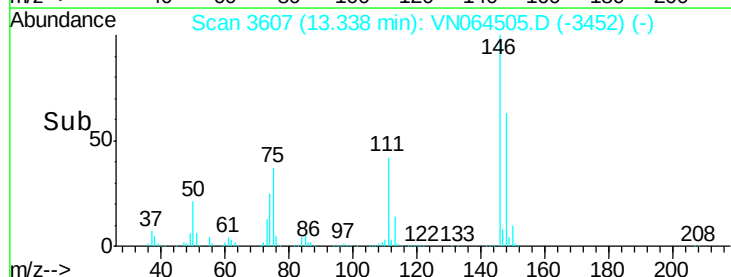
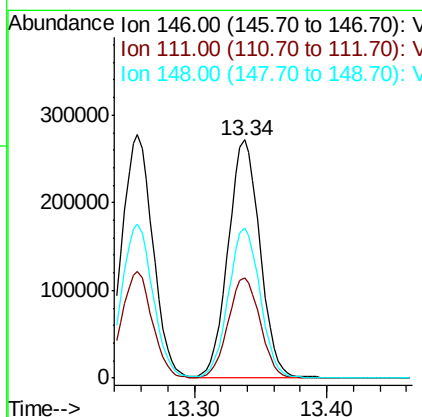
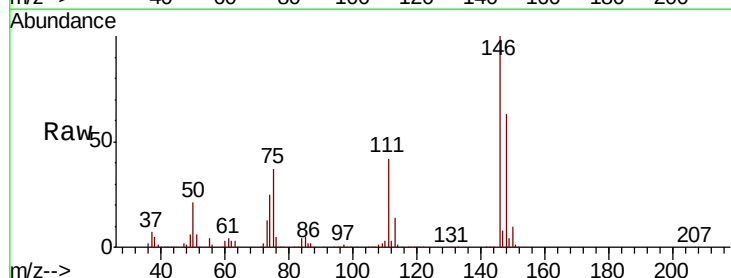
Instrument :
 MSVOA_N
 ClientSampled :

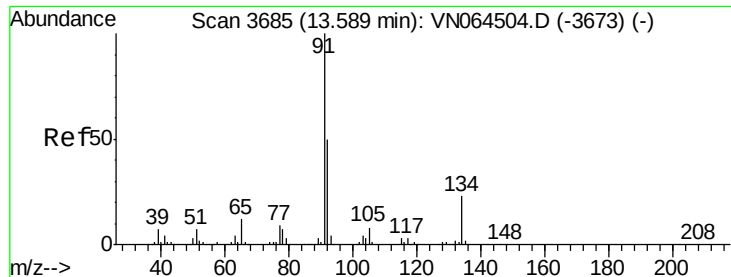
Tot Ion:146 Resp: 453132
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.3 66.9
 148 63.8 31.8 95.3



#84
 1,4-Dichlorobenzene
 Concen: 52.001 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion:146 Resp: 452465
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.4
 148 62.9 31.5 94.5





#85

n-Butylbenzene

Concen: 58.492 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064505.D

Acq: 9 Nov 2020 12:13

Instrument :

MSVOA_N

ClientSampleId :

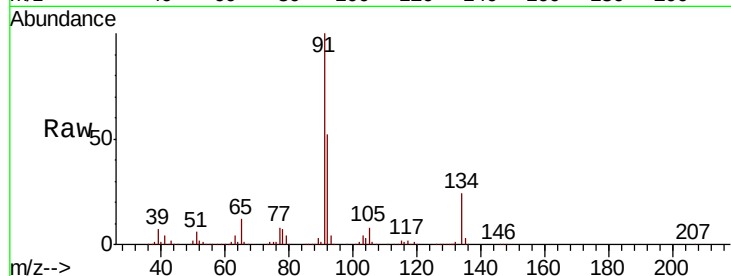
Tot Ion: 91 Resp: 710202

Ion Ratio Lower Upper

91 100

92 51.4 0.0 101.4

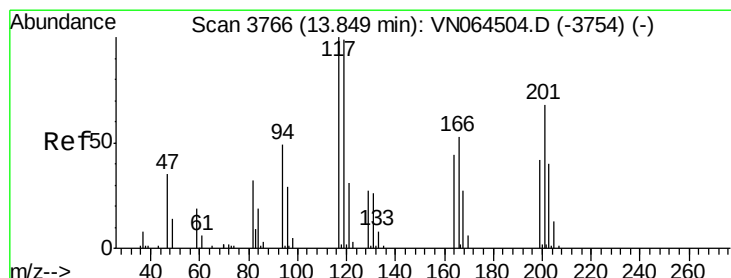
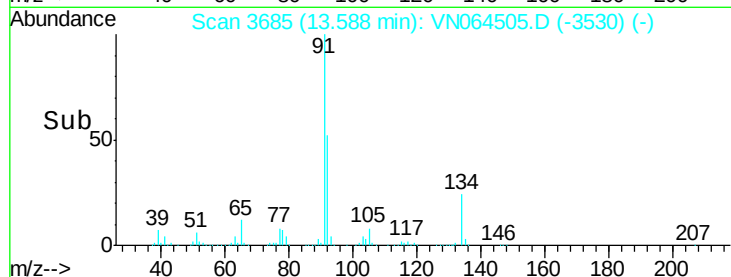
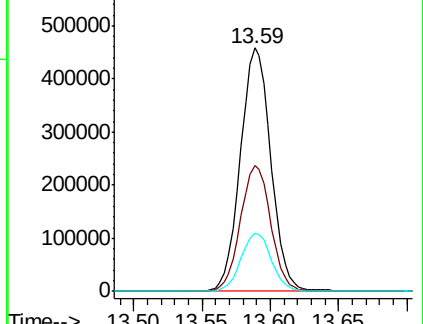
134 24.0 0.0 45.2



Abundance Ion 91.00 (90.70 to 91.70): VN064505.D (-3530) (-)

Ion 92.00 (91.70 to 92.70): VN064505.D (-3530) (-)

Ion 134.00 (133.70 to 134.70): VN064505.D (-3530) (-)



#86

Hexachloroethane

Concen: 55.969 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. -0.00 min

Lab File: VN064505.D

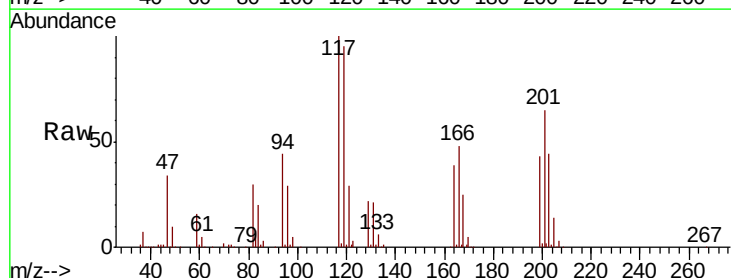
Acq: 9 Nov 2020 12:13

Tgt Ion: 117 Resp: 161776

Ion Ratio Lower Upper

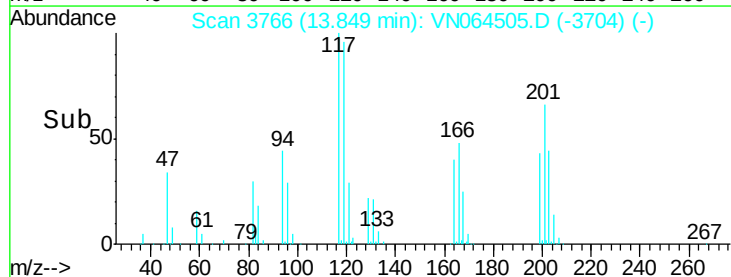
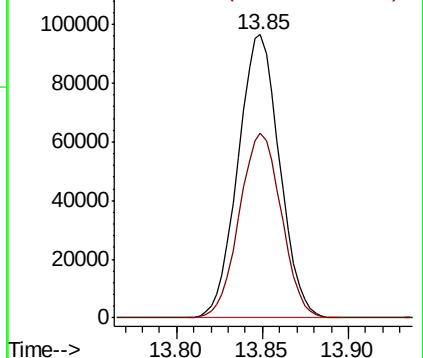
117 100

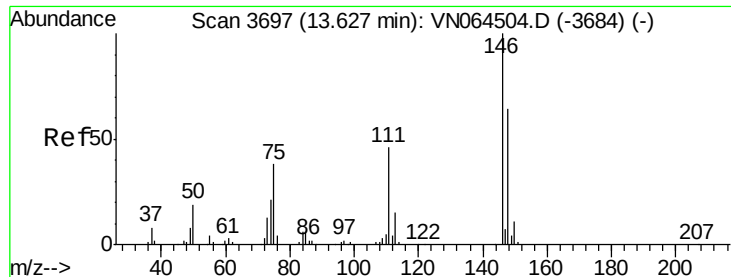
201 66.0 33.1 99.3



Abundance Ion 117.00 (116.70 to 117.70): VN064505.D (-3704) (-)

Ion 201.00 (200.70 to 201.70): VN064505.D (-3704) (-)

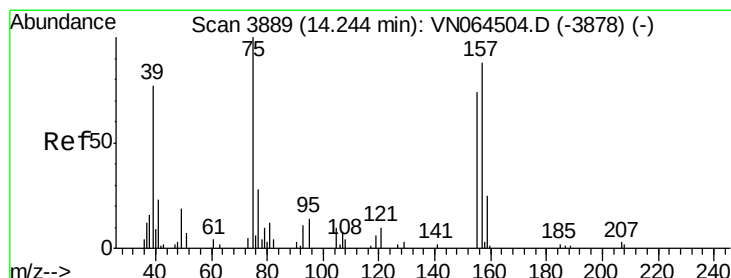
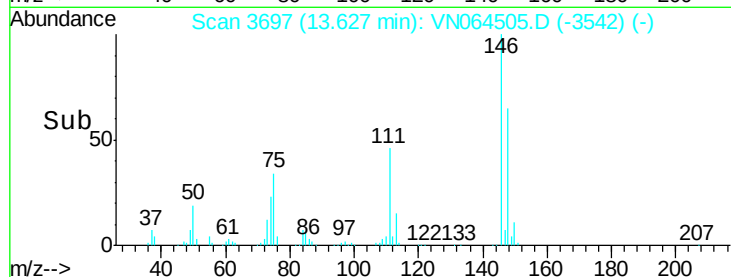
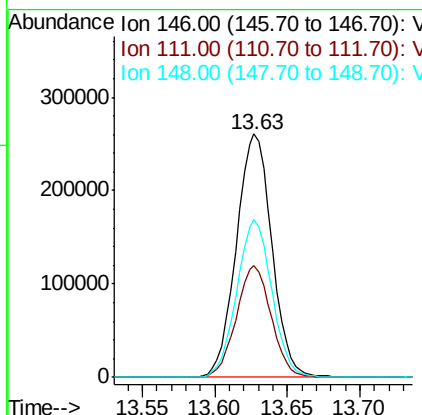
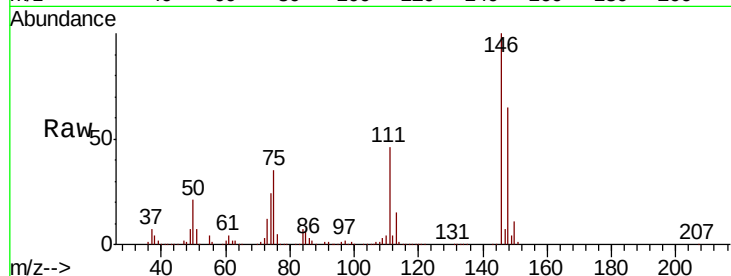




#87
 1,2-Dichlorobenzene
 Concen: 53.155 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

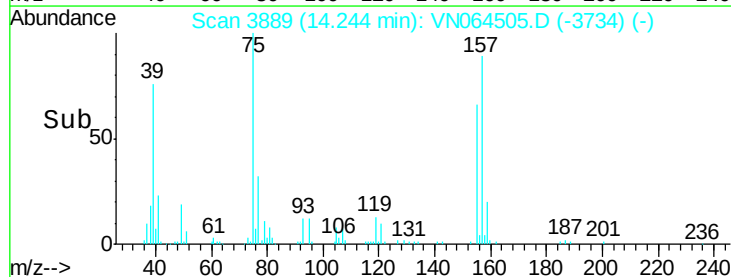
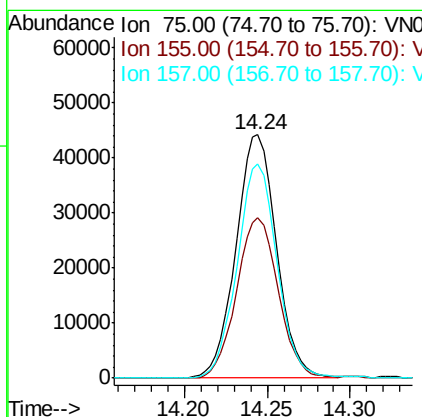
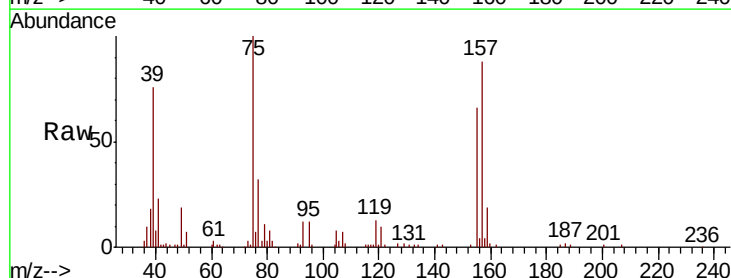
Instrument :
 MSVOA_N
 ClientSampleId :

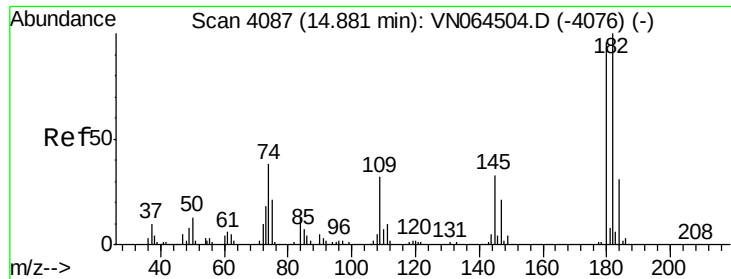
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.1	69.2
148	64.1	32.6	97.8



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 62.011 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. -0.00 min
 Lab File: VN064505.D
 Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.6	56.5	84.7
157	86.6	69.7	104.5

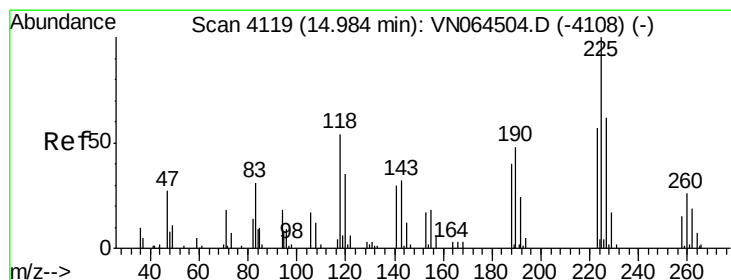
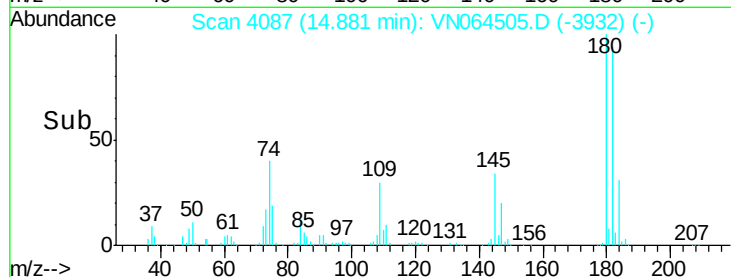
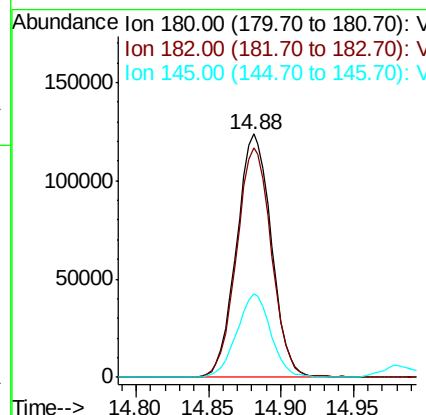
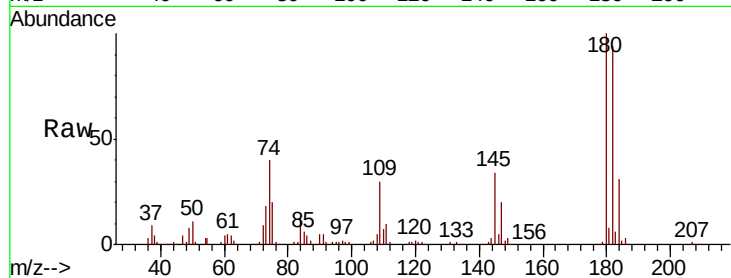




#89
1,2,4-Trichlorobenzene
Concen: 51.415 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

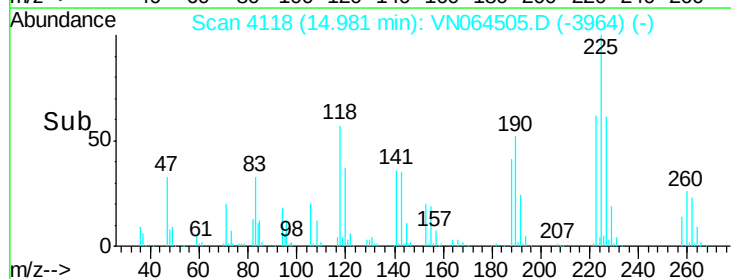
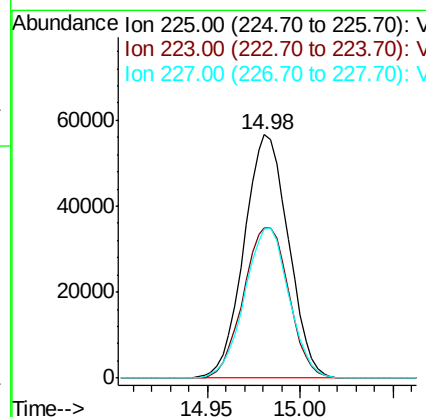
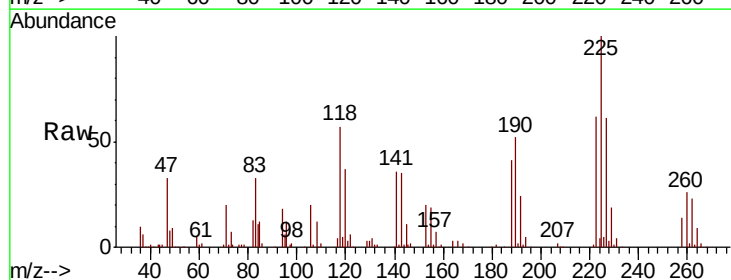
Instrument :
MSVOA_N
ClientSampleId :

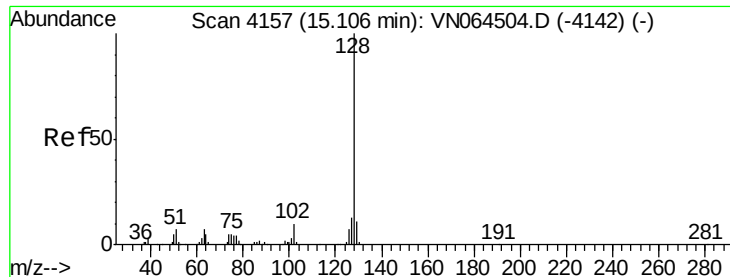
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	79.4	119.0
145	33.3	27.6	41.4



#90
Hexachlorobutadiene
Concen: 44.018 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	0.0	125.4
227	61.6	0.0	122.0

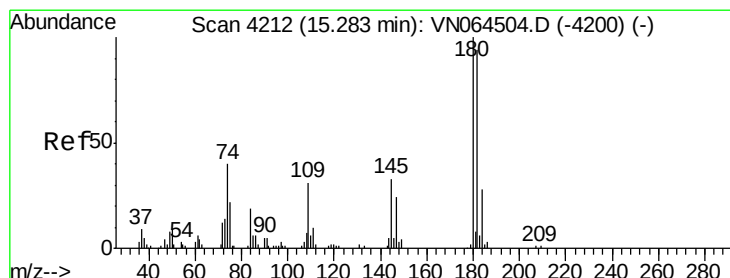
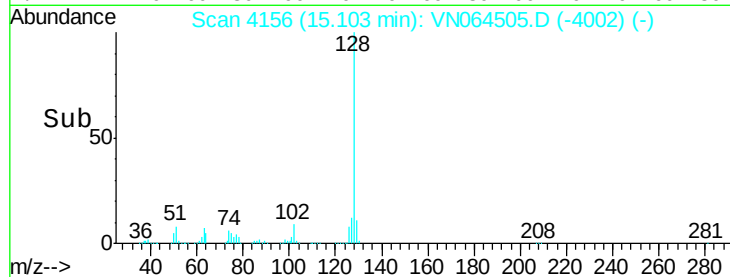
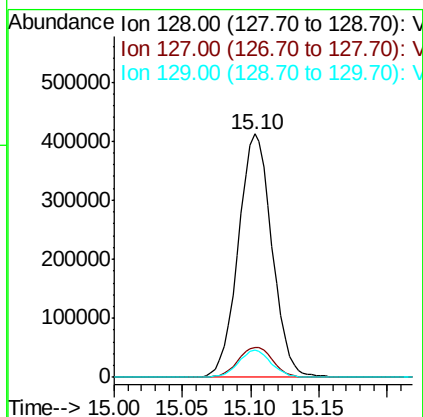
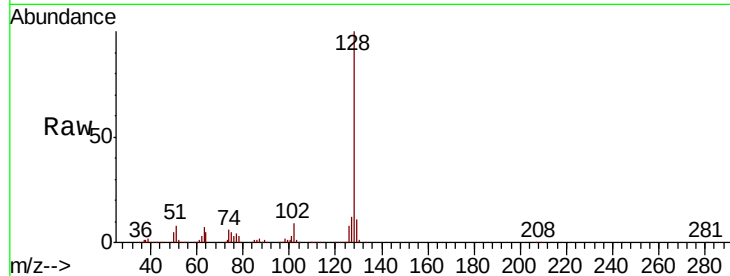




#91
Naphthalene
Concen: 58.071 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 706242
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.9 8.5 12.7



#92
1,2,3-Trichlorobenzene
Concen: 51.562 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064505.D
Acq: 9 Nov 2020 12:13

Tgt Ion:180 Resp: 208254
Ion Ratio Lower Upper
180 100
182 93.4 0.0 186.0
145 34.7 0.0 69.6

