

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064425.D
 Acq On : 4 Nov 2020 9:38
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 04 11:38:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	337085	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	604185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	536270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	198246	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	6973	1.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.52%	
35) Dibromofluoromethane	7.55	113	4410	1.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.18%	
50) Toluene-d8	10.06	98	14389	0.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.90%	
62) 4-Bromofluorobenzene	12.37	95	5410	0.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	1.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.84	85	4550	1.141	ug/l	99
3) Chloromethane	2.04	50	5933	1.341	ug/l	90
4) Vinyl Chloride	2.17	62	5746	1.333	ug/l	89
5) Bromomethane	2.54	94	4569	1.617	ug/l	96
6) Chloroethane	2.68	64	3992	1.518	ug/l #	88
7) Trichlorofluoromethane	2.99	101	8782	1.244	ug/l	98
8) Diethyl Ether	3.37	74	2872	1.264	ug/l	81
9) 1,1,2-Trichlorotrifluoroet	3.71	101	4129	1.179	ug/l #	76
10) Methyl Iodide	3.91	142	3447	0.755	ug/l #	39
11) Tert butyl alcohol	4.72	59	1135	1.481	ug/l #	71
12) 1,1-Dichloroethene	3.70	96	3665	1.109	ug/l #	64
13) Acrolein	3.57	56	2111	9.095	ug/l	85
14) Allyl chloride	4.27	41	7064	1.049	ug/l	98
15) Acrylonitrile	4.94	53	6714	3.881	ug/l	91
16) Acetone	3.77	43	12353	6.017	ug/l	92
17) Carbon Disulfide	4.00	76	11424	1.158	ug/l #	89
18) Methyl Acetate	4.29	43	3893	0.944	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	12418	0.986	ug/l #	88
20) Methylene Chloride	4.50	84	5157	1.307	ug/l #	80
21) trans-1,2-Dichloroethene	4.98	96	2280	0.612	ug/l #	90
22) Diisopropyl ether	5.90	45	13676	1.020	ug/l #	79
23) Vinyl Acetate	5.85	43	49870	4.444	ug/l	99
24) 1,1-Dichloroethane	5.79	63	4862	0.654	ug/l #	93
25) 2-Butanone	6.79	43	12030	4.321	ug/l	99
26) 2,2-Dichloropropane	6.77	77	7780	1.084	ug/l #	75
27) cis-1,2-Dichloroethene	6.78	96	4794	1.128	ug/l	96
28) Bromochloromethane	7.14	49	4014	1.161	ug/l #	99
29) Tetrahydrofuran	7.17	42	8398	4.714	ug/l #	73
30) Chloroform	7.33	83	8887	1.119	ug/l	92
31) Cyclohexane	7.61	56	15940	2.441	ug/l #	58
32) 1,1,1-Trichloroethane	7.52	97	4812	0.642	ug/l #	30
36) 1,1-Dichloropropene	7.75	75	5910	0.949	ug/l	97
37) Ethyl Acetate	6.88	43	2834	0.456	ug/l #	90
38) Carbon Tetrachloride	7.73	117	6958	0.985	ug/l #	95

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 QLast Update : Wed Nov 04 11:31:41 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.04	83	5222	0.859	ug/l	99
40) Benzene	8.00	78	18516	1.061	ug/l	100
41) Methacrylonitrile	7.12	41	2089	0.690	ug/l #	76
42) 1,2-Dichloroethane	8.08	62	7073	0.952	ug/l	99
43) Isopropyl Acetate	8.13	43	8792	0.829	ug/l #	91
44) Trichloroethene	8.79	130	4829	1.072	ug/l	95
45) 1,2-Dichloropropane	9.08	63	4940	1.055	ug/l	92
46) Dibromomethane	9.18	93	3159	0.983	ug/l	90
47) Bromodichloromethane	9.37	83	6778	0.950	ug/l	99
48) Methyl methacrylate	9.16	41	4478	0.818	ug/l	94
49) 1,4-Dioxane	9.16	88	1176	14.902	ug/l #	77
51) 4-Methyl-2-Pentanone	9.95	43	25745	4.154	ug/l	92
52) Toluene	10.13	92	10066	0.916	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	6173	0.814	ug/l	95
54) cis-1,3-Dichloropropene	9.80	75	6965	0.892	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	4232	0.980	ug/l	96
56) Ethyl methacrylate	10.40	69	4870	0.748	ug/l	95
57) 1,3-Dichloropropane	10.67	76	7141	0.970	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.66	63	11572	3.417	ug/l	99
59) 2-Hexanone	10.72	43	16009	3.514	ug/l	90
60) Dibromochloromethane	10.87	129	4586	0.912	ug/l	91
61) 1,2-Dibromoethane	10.98	107	3859	0.883	ug/l	95
64) Tetrachloroethene	10.60	164	4330	0.984	ug/l	97
65) Chlorobenzene	11.40	112	11577	1.044	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	4219	0.951	ug/l #	58
67) Ethyl Benzene	11.48	91	18721	0.909	ug/l	95
68) m/p-Xylenes	11.59	106	13163	1.726	ug/l	98
69) o-Xylene	11.92	106	6383	0.868	ug/l	93
70) Styrene	11.94	104	9932	0.824	ug/l	97
71) Bromoform	12.10	173	2475	0.725	ug/l #	95
73) Isopropylbenzene	12.22	105	14923	0.984	ug/l	96
74) N-amyl acetate	12.05	43	5016	0.753	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.48	83	5324	1.202	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	6514	1.371	ug/l #	100
77) Bromobenzene	12.50	156	4030	1.094	ug/l	89
78) n-propylbenzene	12.57	91	16734	0.974	ug/l	100
79) 2-Chlorotoluene	12.65	91	11082	1.013	ug/l	94
80) 1,3,5-Trimethylbenzene	12.71	105	11796	0.923	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	1281	0.767	ug/l #	77
82) 4-Chlorotoluene	12.75	91	11209	1.000	ug/l	97
83) tert-Butylbenzene	12.96	119	9119	0.878	ug/l	93
84) 1,2,4-Trimethylbenzene	13.01	105	11481	0.898	ug/l	96
85) sec-Butylbenzene	13.14	105	10512	0.779	ug/l	96
86) p-Isopropyltoluene	13.26	119	9231	0.762	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	6343	0.980	ug/l	95
88) 1,4-Dichlorobenzene	13.26	146	6343	0.962	ug/l	96
89) n-Butylbenzene	13.59	91	7555	0.707	ug/l	93
90) Hexachloroethane	13.85	117	2134	0.944	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	5632	0.875	ug/l	89
92) 1,2-Dibromo-3-Chloropropan	14.24	75	803	0.756	ug/l	80

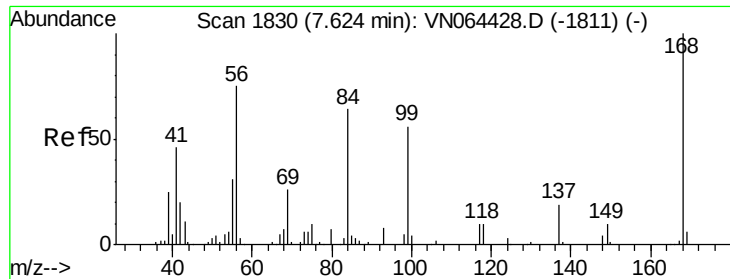
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1580	0.511	ug/l	90
94) Hexachlorobutadiene	14.97	225	730	0.391	ug/l #	40
95) Naphthalene	15.10	128	4424	0.456	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.29	180	1708	0.572	ug/l	91

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

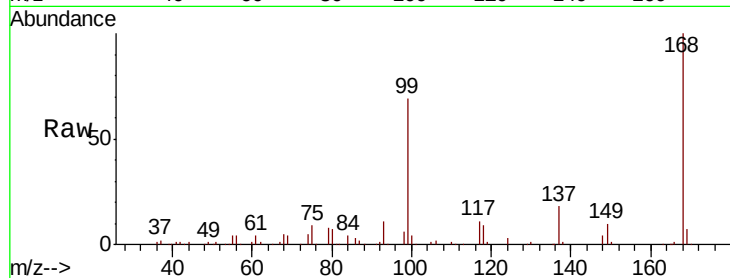
ClientSampleId :

Tot Ion:168 Resp: 337085

Ion Ratio Lower Upper

168 100

99 69.1 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064428.D (-1811) (-)

Ion 98.90 (98.60 to 99.60): VN064428.D (-1811) (-)

7.62

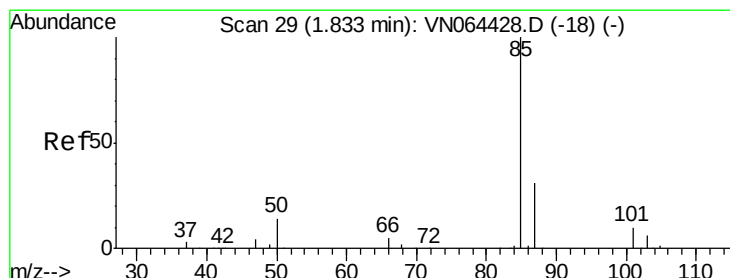
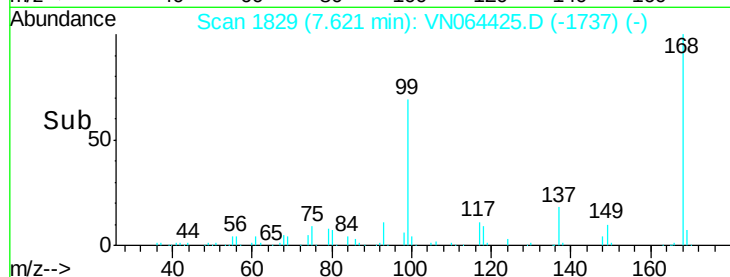
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 1.141 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064425.D

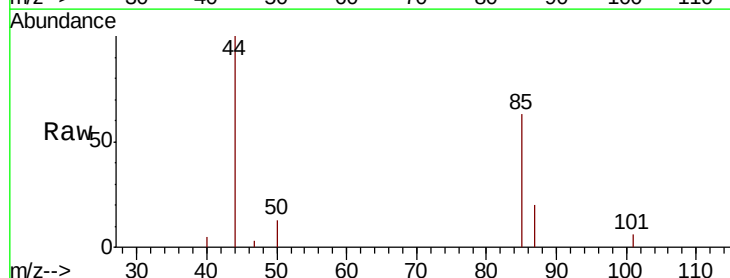
Acq: 4 Nov 2020 9:38

Tgt Ion: 85 Resp: 4550

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN064428.D (-18) (-)

Ion 86.90 (86.60 to 87.60): VN064428.D (-18) (-)

1.84

4000

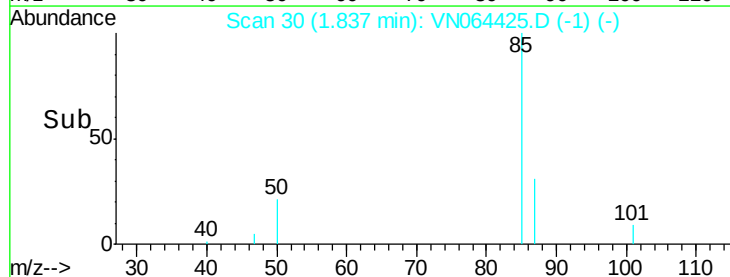
3000

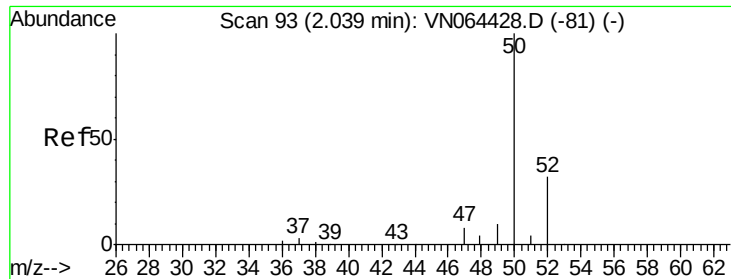
2000

1000

0

Time--> 1.80 1.85

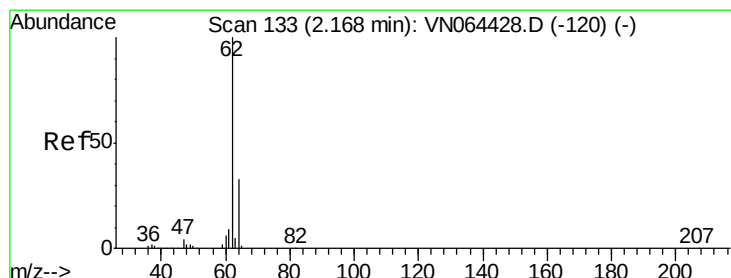
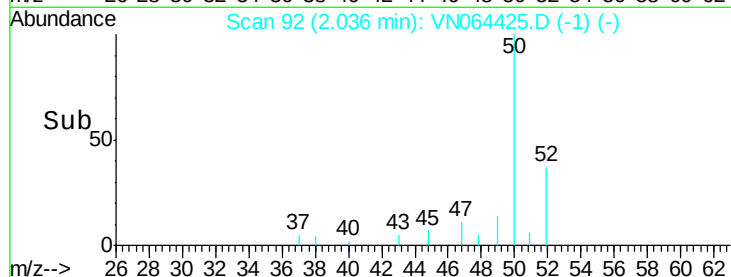
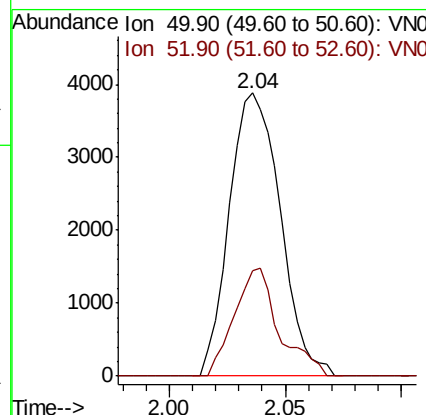
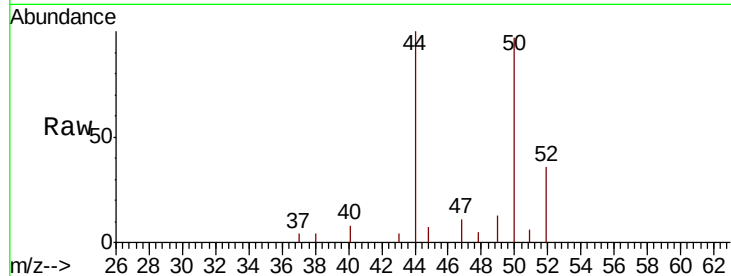




#3
Chloromethane
Concen: 1.341 ug/l
RT: 2.04 min Scan# 92
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

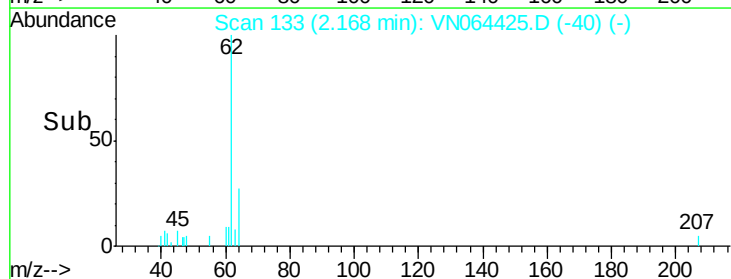
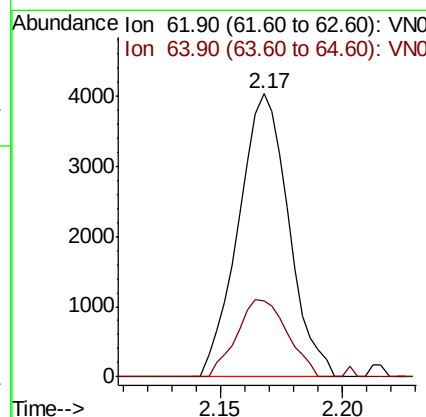
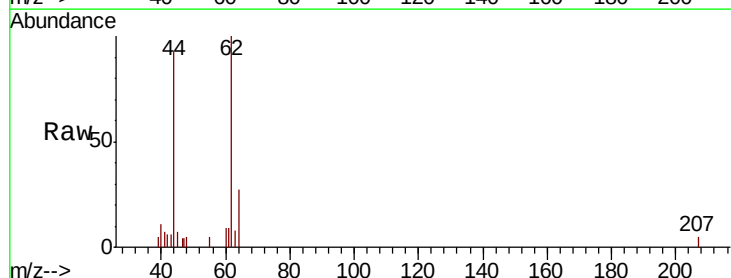
Instrument :
MSVOA_N
ClientSampleId :

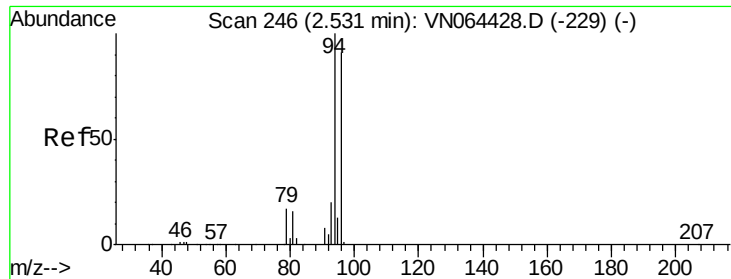
Tot Ion: 50 Resp: 5933
Ion Ratio Lower Upper
50 100
52 37.3 25.3 37.9



#4
Vinyl Chloride
Concen: 1.333 ug/l
RT: 2.17 min Scan# 133
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 62 Resp: 5746
Ion Ratio Lower Upper
62 100
64 26.9 26.3 39.5





#5

Bromomethane

Concen: 1.617 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

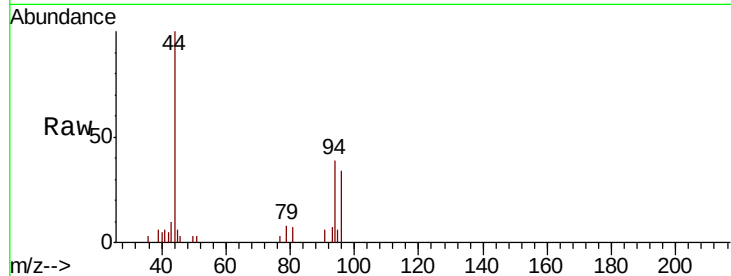
ClientSampled :

Tot Ion: 94 Resp: 4569

Ion Ratio Lower Upper

94 100

96 88.1 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2500

2000

1500

1000

500

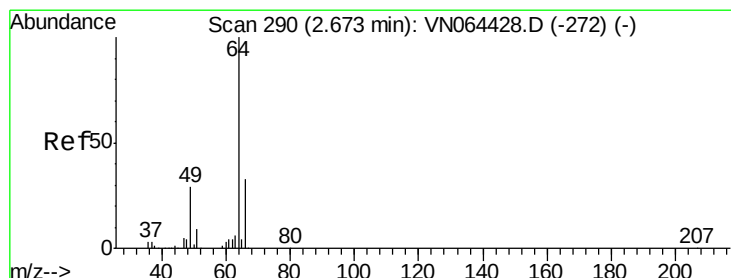
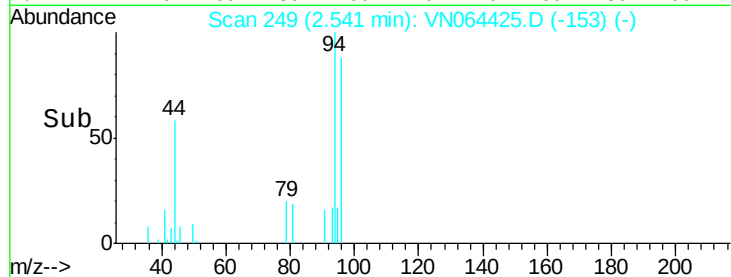
0

Time-->

2.50

2.55

2.60



#6

Chloroethane

Concen: 1.518 ug/l

RT: 2.68 min Scan# 293

Delta R.T. 0.01 min

Lab File: VN064425.D

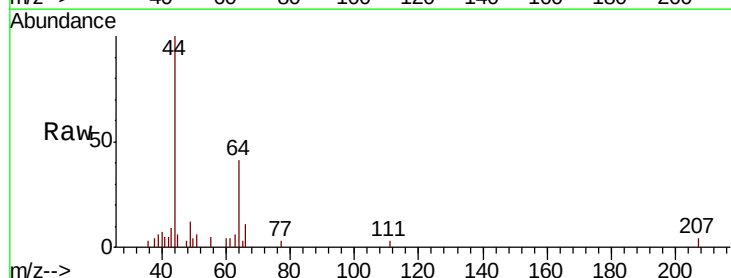
Acq: 4 Nov 2020 9:38

Tgt Ion: 64 Resp: 3992

Ion Ratio Lower Upper

64 100

66 26.0 26.1 39.1#



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2500

2000

1500

1000

500

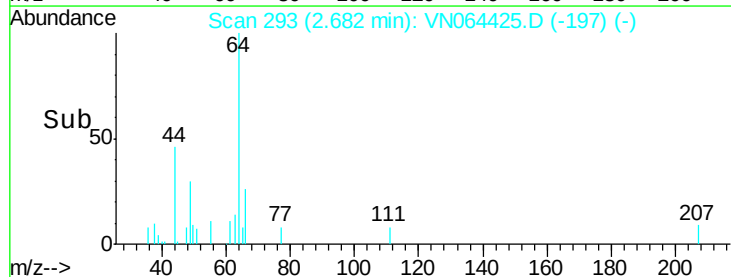
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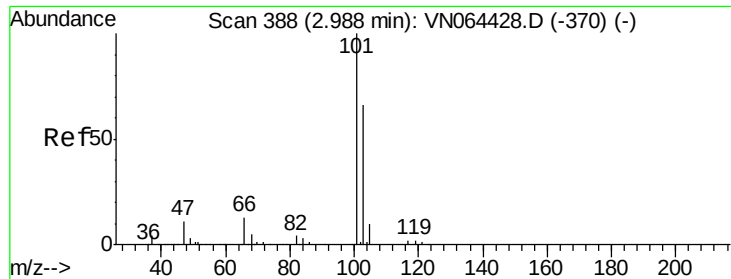
Time-->

2.65

2.70

2.75



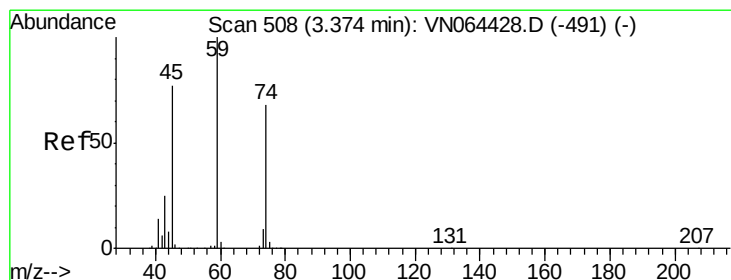
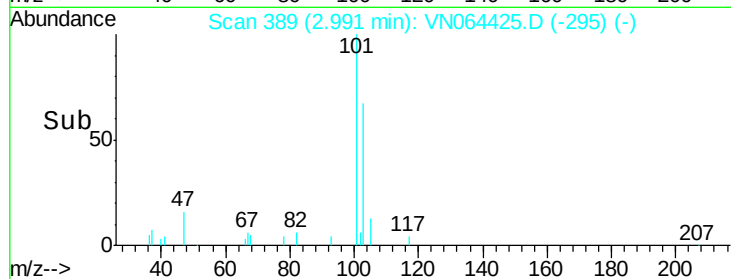
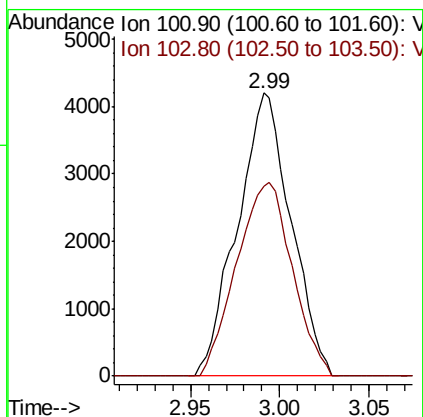
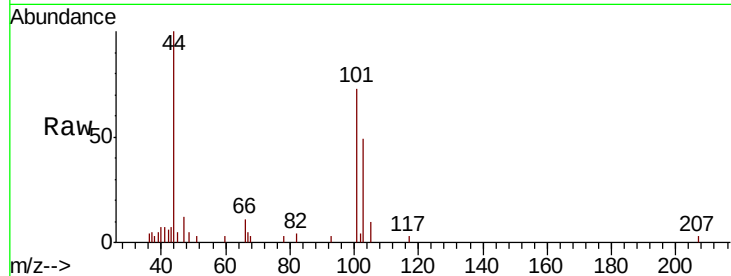


#7

Trichlorofluoromethane
 Concen: 1.244 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampled :

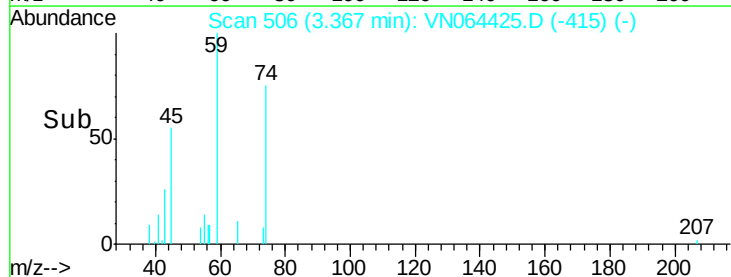
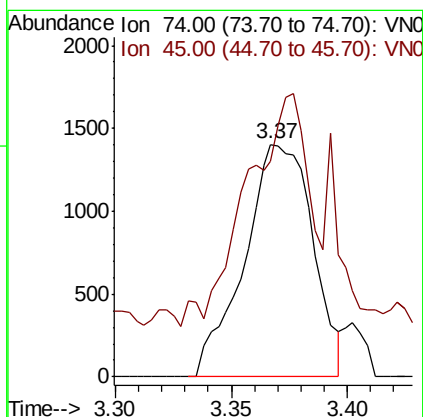
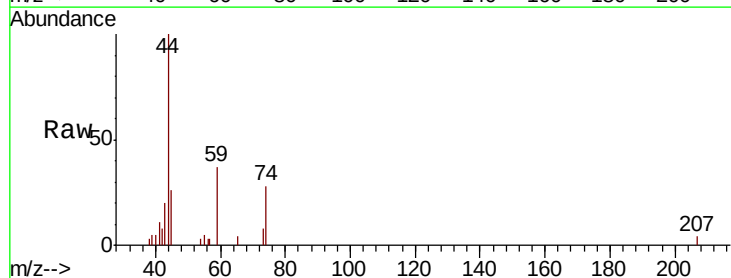
Tot Ion:101 Resp: 8782
 Ion Ratio Lower Upper
 101 100
 103 67.2 52.4 78.6

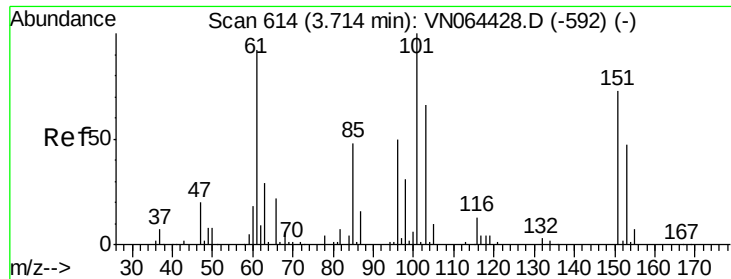


#8

Diethyl Ether
 Concen: 1.264 ug/l
 RT: 3.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 74 Resp: 2872
 Ion Ratio Lower Upper
 74 100
 45 91.4 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.179 ug/l

RT: 3.71 min Scan# 614

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

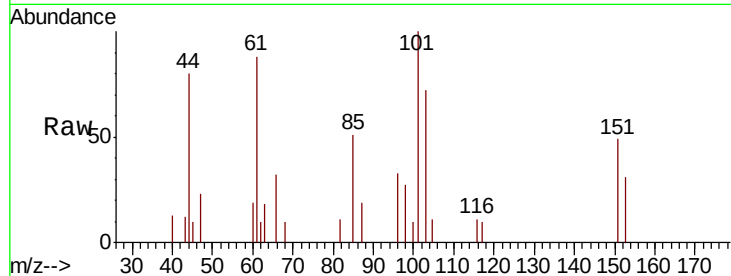
Tot Ion:101 Resp: 4129

Ion Ratio Lower Upper

101 100

85 49.3 38.6 57.8

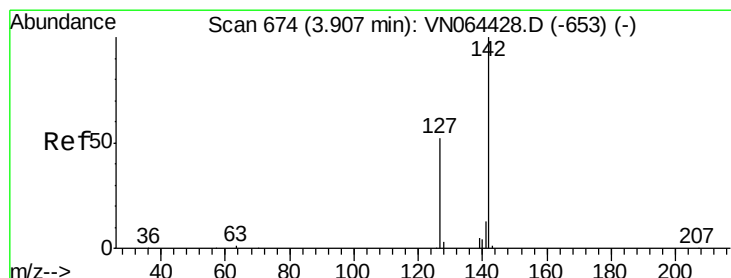
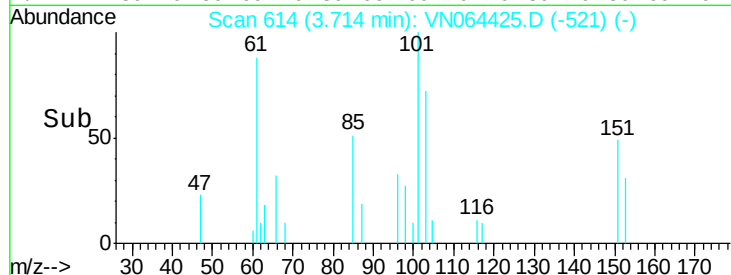
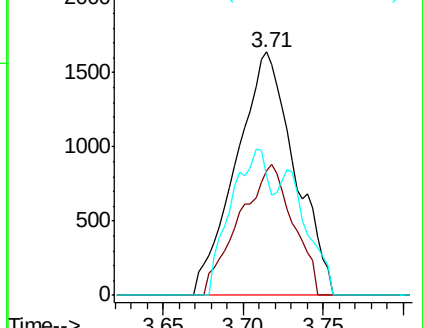
151 39.0 57.5 86.3#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.755 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

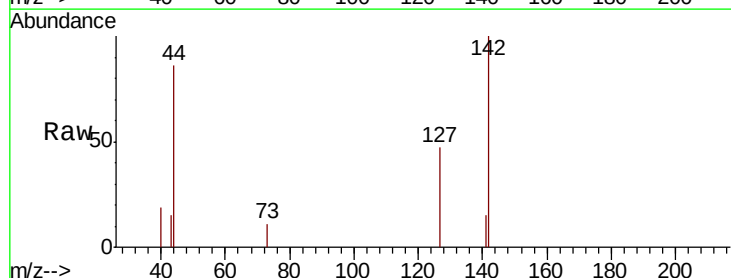
Tgt Ion:142 Resp: 3447

Ion Ratio Lower Upper

142 100

127 0.0 41.8 62.8#

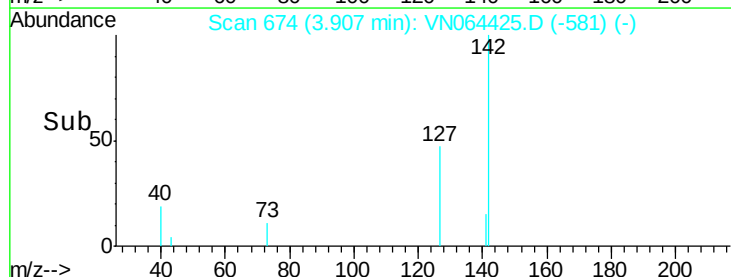
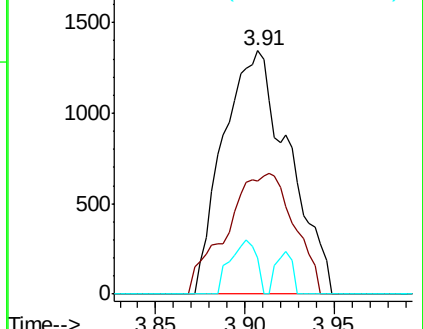
141 8.8 11.4 17.2#

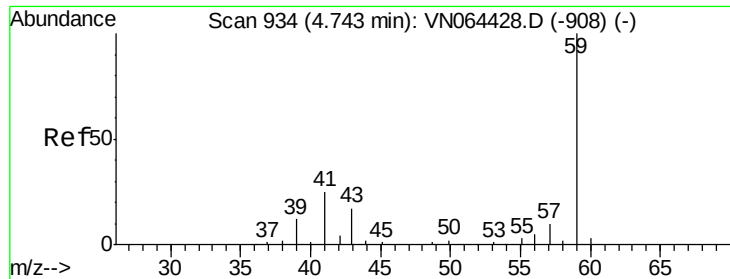


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

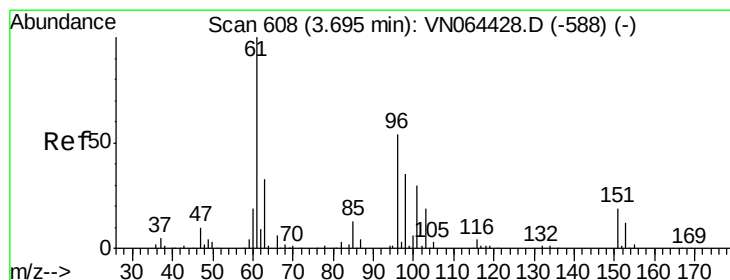
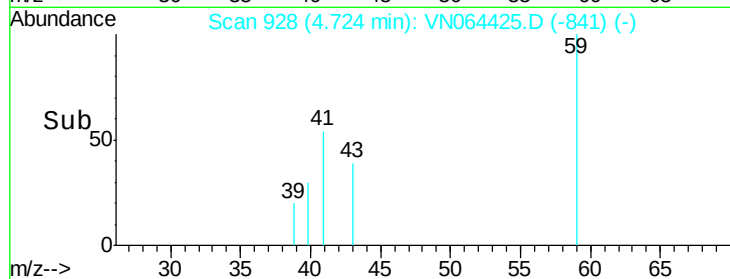
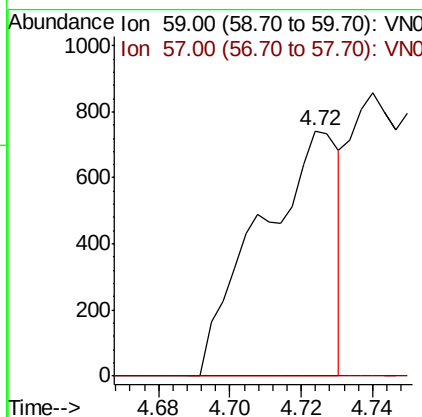
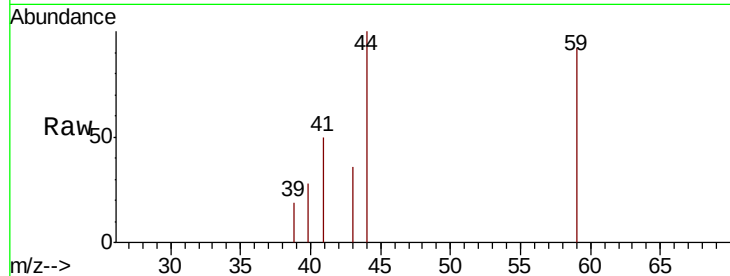




#11
Tert butyl alcohol
Concen: 1.481 ug/l
RT: 4.72 min Scan# 928
Delta R.T. -0.02 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

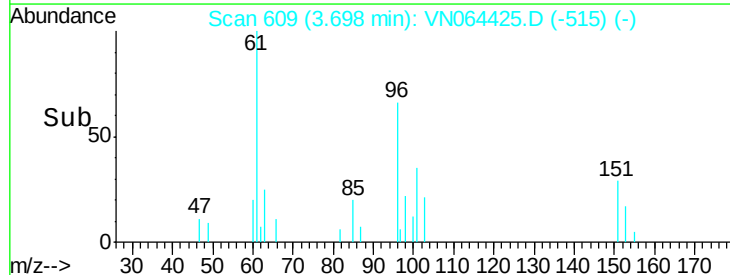
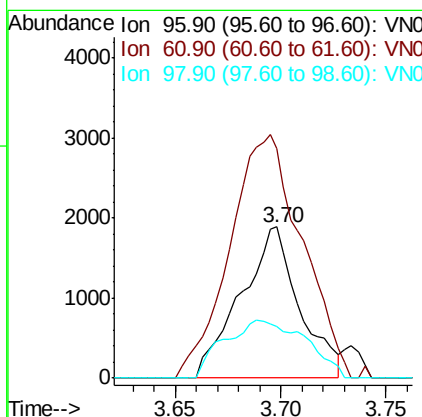
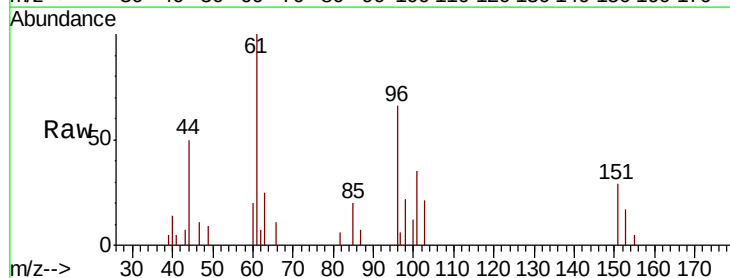
Instrument :
MSVOA_N
ClientSampled :

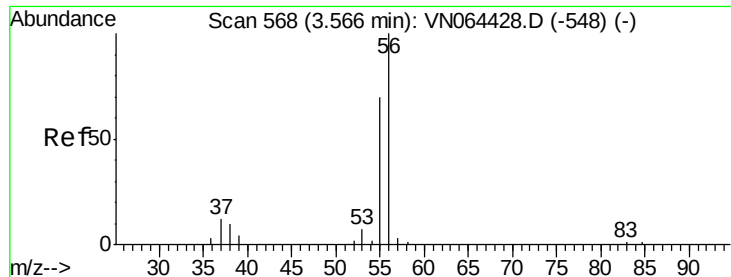
Tot Ion: 59 Resp: 1135
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 1.109 ug/l
RT: 3.70 min Scan# 609
Delta R.T. 0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 96 Resp: 3665
Ion Ratio Lower Upper
96 100
61 136.8 149.5 224.3#
98 33.7 52.4 78.6#





#13

Acrolein

Concen: 9.095 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

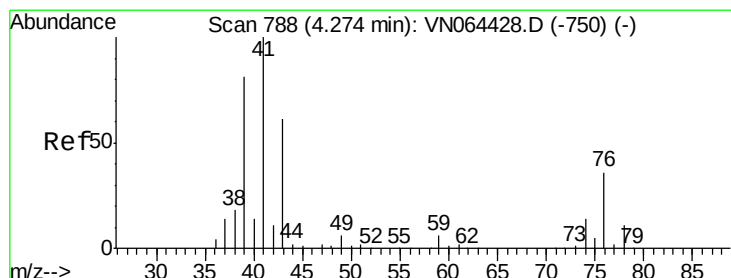
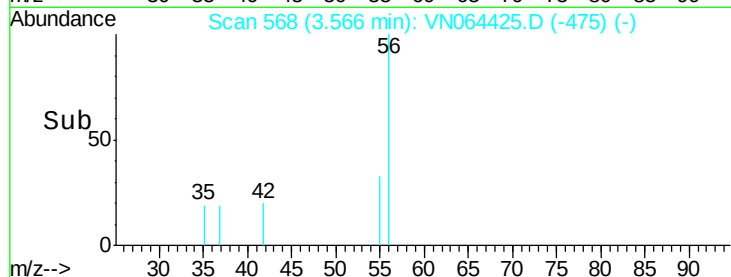
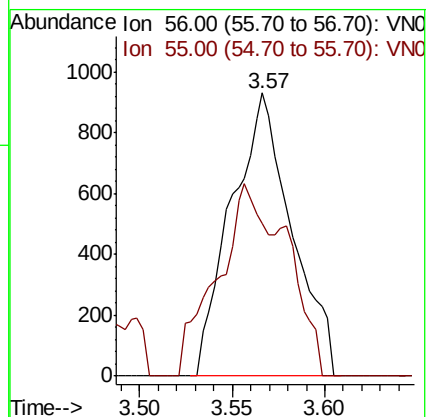
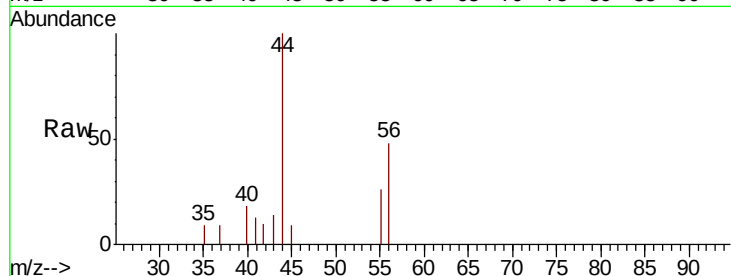
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 2111

Ion Ratio Lower Upper

56 100

55 57.4 55.9 83.9



#14

Allyl chloride

Concen: 1.049 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

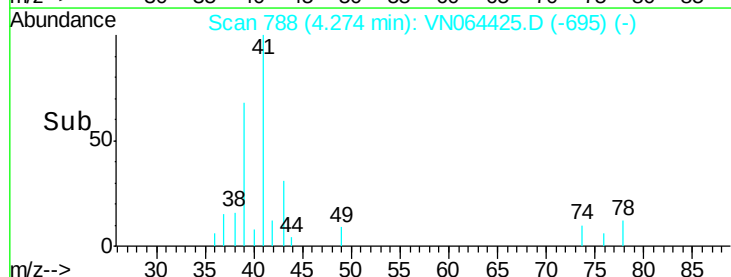
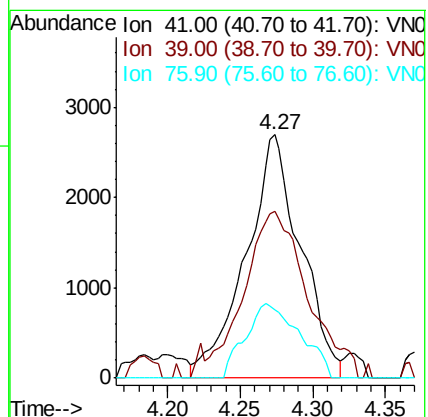
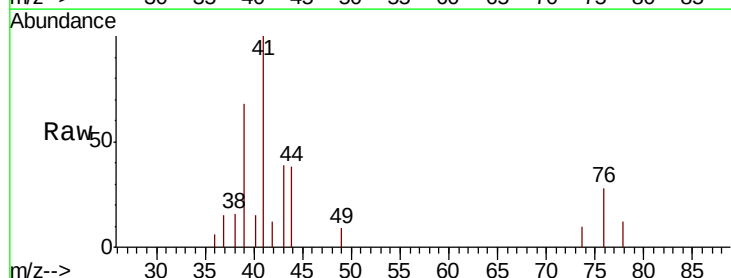
Tgt Ion: 41 Resp: 7064

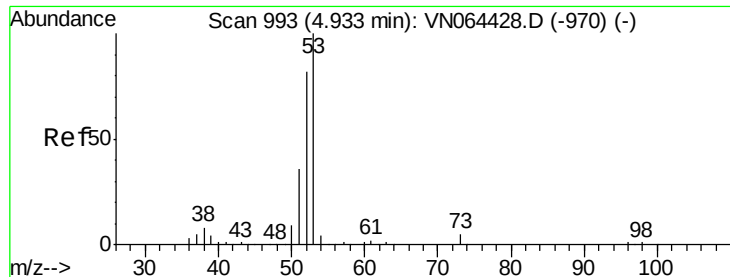
Ion Ratio Lower Upper

41 100

39 78.7 61.8 92.8

76 30.3 25.4 38.0





#15

Acrylonitrile

Concen: 3.881 ug/l

RT: 4.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

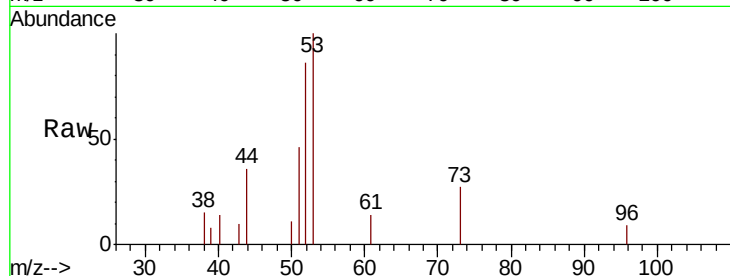
Tot Ion: 53 Resp: 6714

Ion Ratio Lower Upper

53 100

52 93.1 65.6 98.4

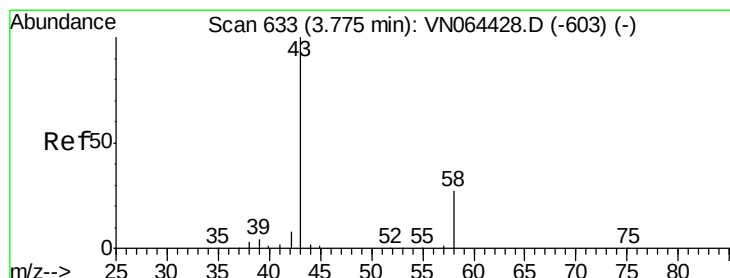
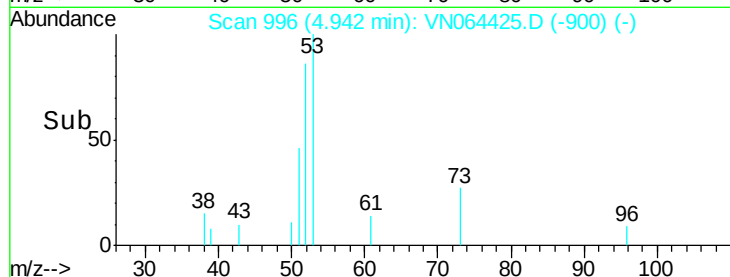
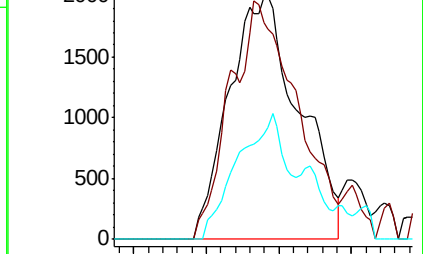
51 35.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064425.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064425.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064425.D (-900) (-)



#16

Acetone

Concen: 6.017 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064425.D

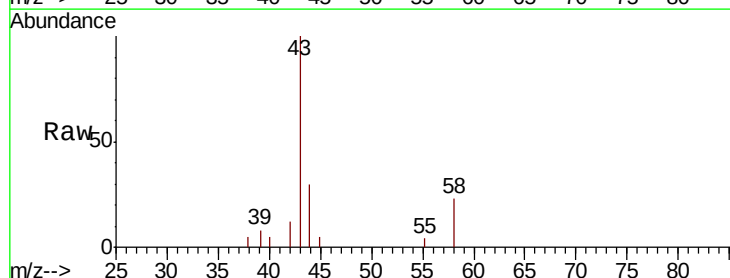
Acq: 4 Nov 2020 9:38

Tgt Ion: 43 Resp: 12353

Ion Ratio Lower Upper

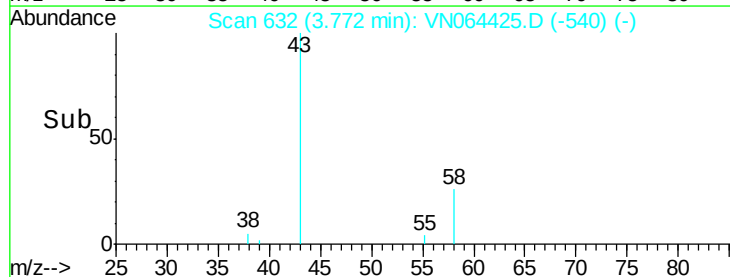
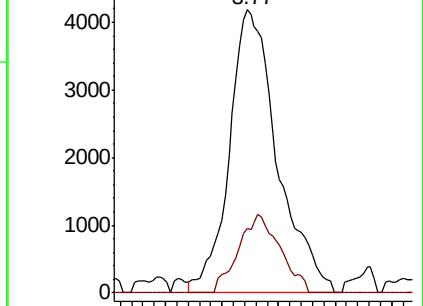
43 100

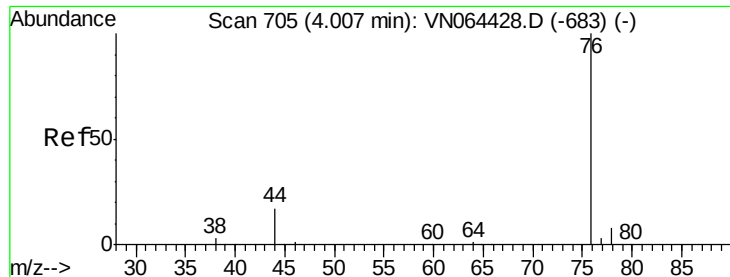
58 22.7 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064425.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064425.D (-540) (-)





#17

Carbon Disulfide

Concen: 1.158 ug/l

RT: 4.00 min Scan# 704

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

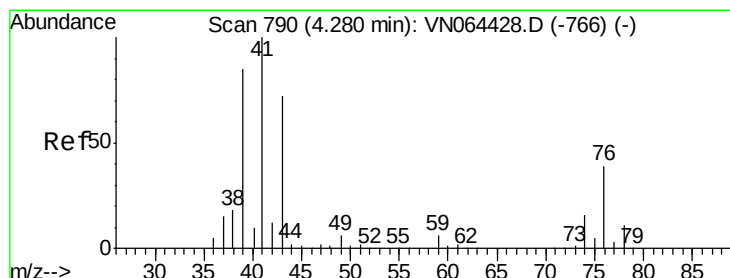
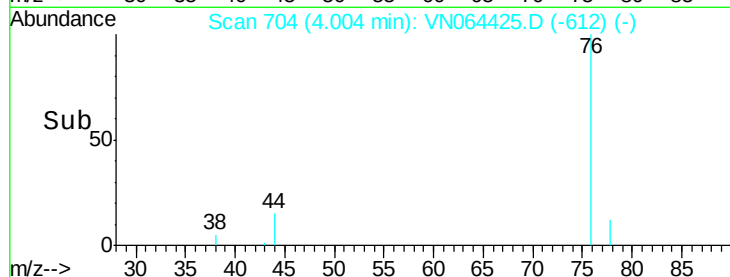
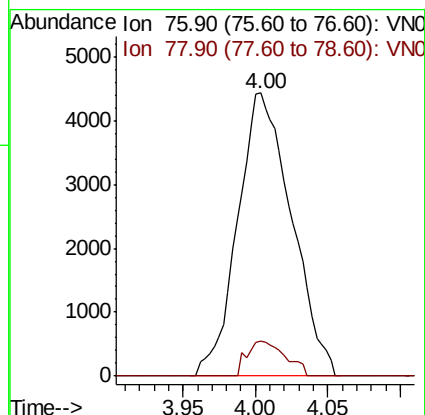
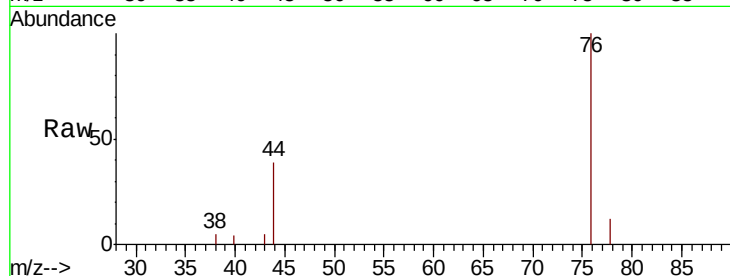
ClientSampleId :

Tot Ion: 76 Resp: 11424

Ion Ratio Lower Upper

76 100

78 12.4 6.8 10.2#



#18

Methyl Acetate

Concen: 0.944 ug/l

RT: 4.29 min Scan# 792

Delta R.T. 0.01 min

Lab File: VN064425.D

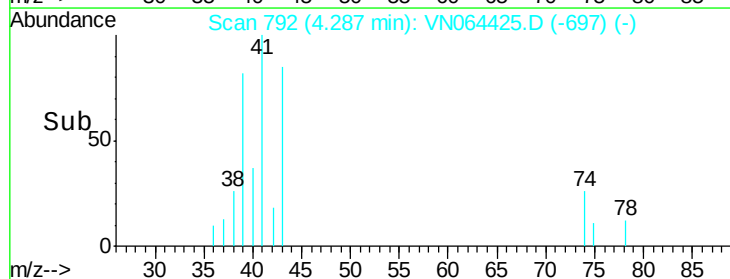
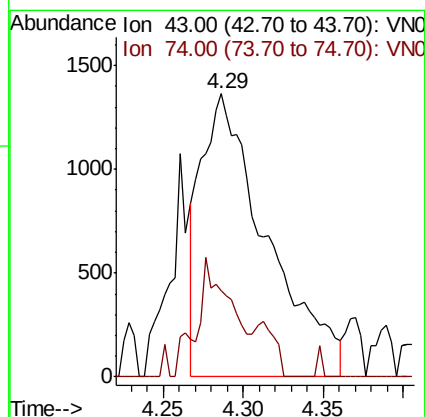
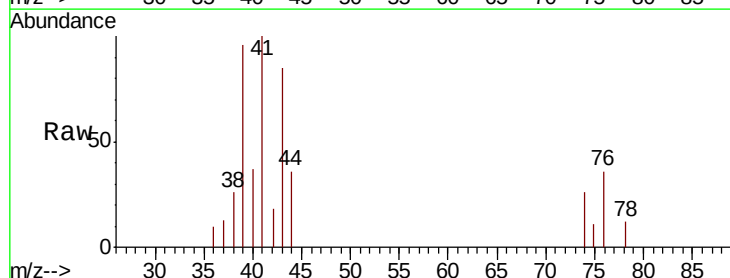
Acq: 4 Nov 2020 9:38

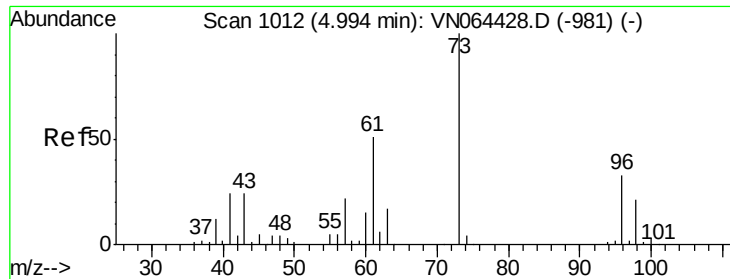
Tgt Ion: 43 Resp: 3893

Ion Ratio Lower Upper

43 100

74 19.1 17.0 25.4

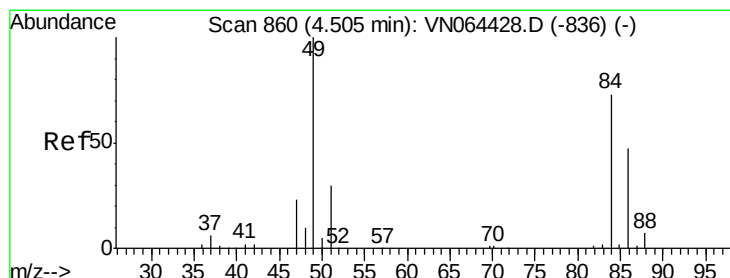
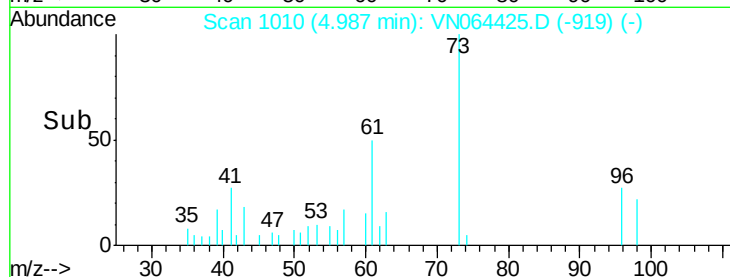
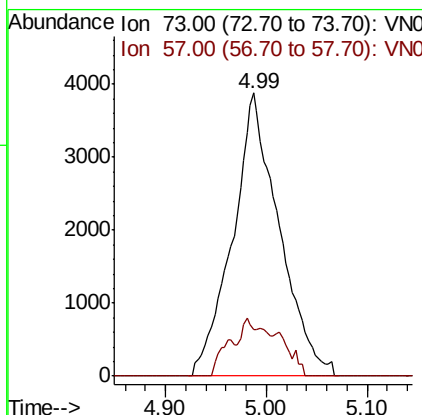
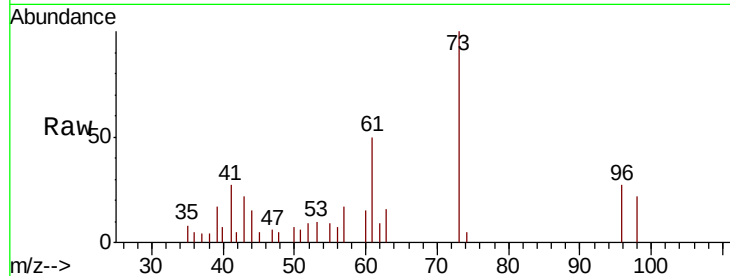




#19
Methyl tert-butyl Ether
Concen: 0.986 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

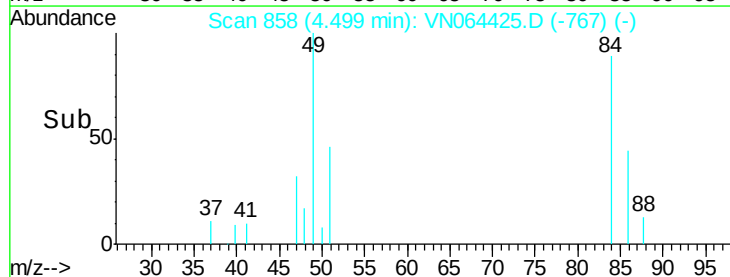
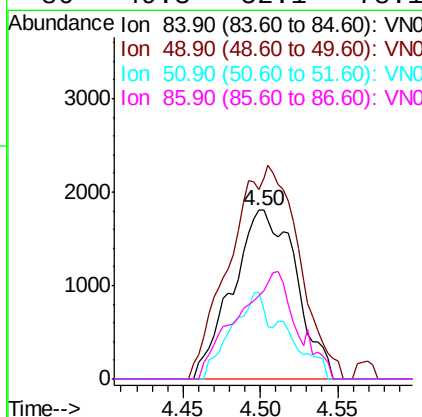
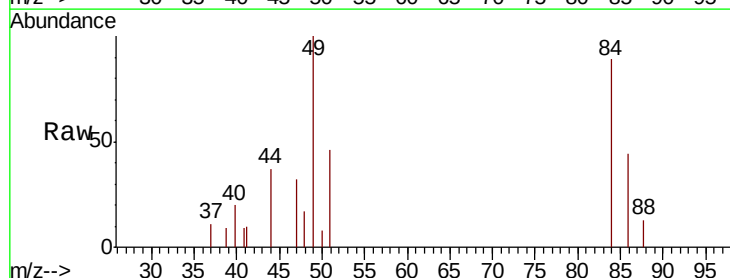
Instrument :
MSVOA_N
ClientSampleId :

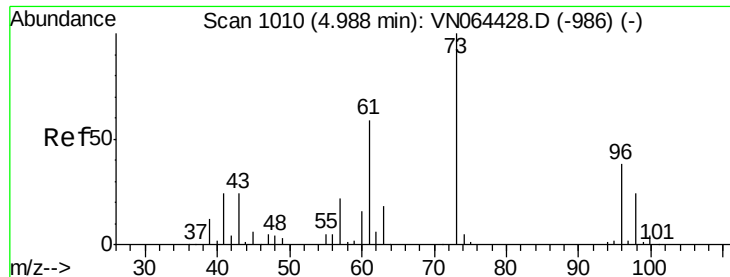
Tot Ion: 73 Resp: 12418
Ion Ratio Lower Upper
73 100
57 16.5 17.7 26.5#



#20
Methylene Chloride
Concen: 1.307 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 84 Resp: 5157
Ion Ratio Lower Upper
84 100
49 112.3 110.1 165.1
51 51.2 33.6 50.4#
86 49.3 52.1 78.1#



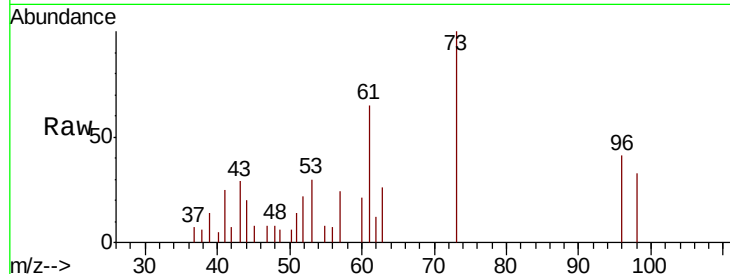


#21

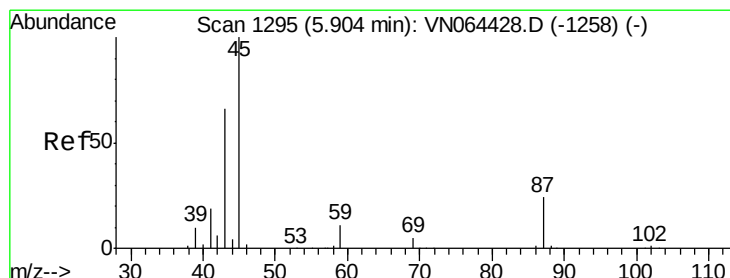
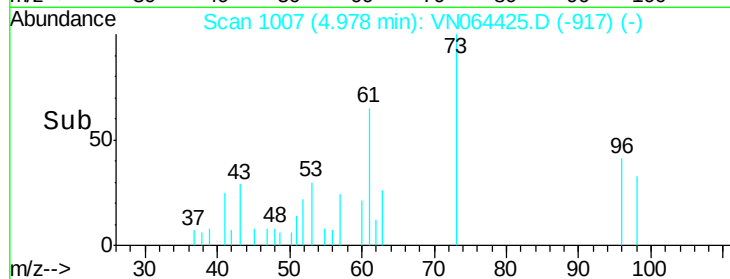
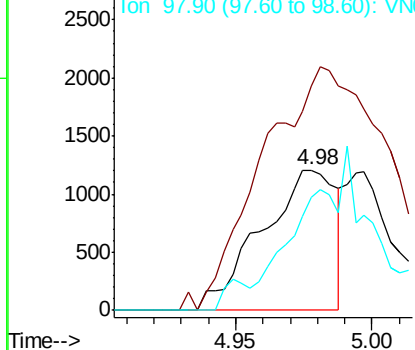
trans-1,2-Dichloroethene
Concen: 0.612 ug/l
RT: 4.98 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 2280
Ion Ratio Lower Upper
96 100
61 146.8 122.4 183.6
98 80.1 50.4 75.6#



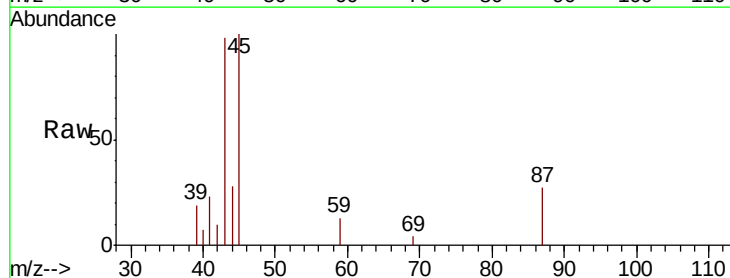
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



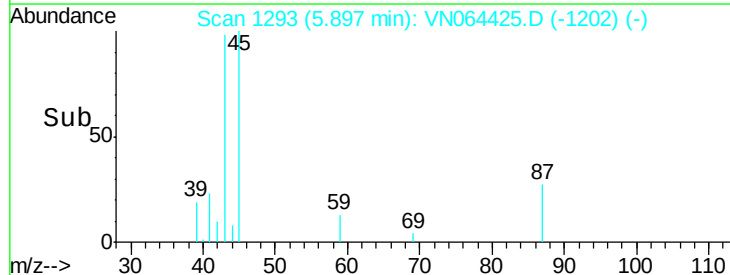
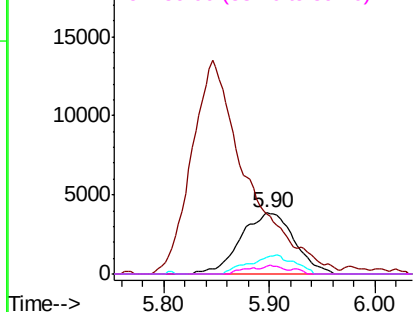
#22

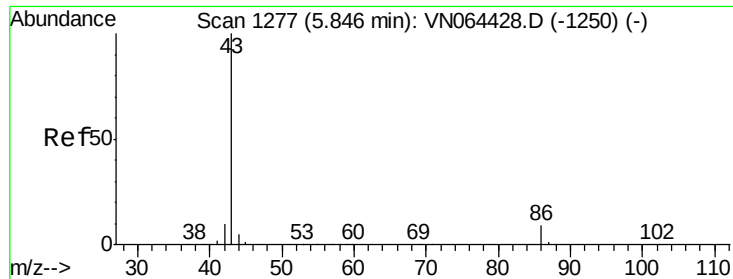
Diisopropyl ether
Concen: 1.020 ug/l
RT: 5.90 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 45 Resp: 13676
Ion Ratio Lower Upper
45 100
43 90.3 53.2 79.8#
87 27.4 19.9 29.9
59 12.7 8.6 13.0



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





#23

Vinyl Acetate

Concen: 4.444 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

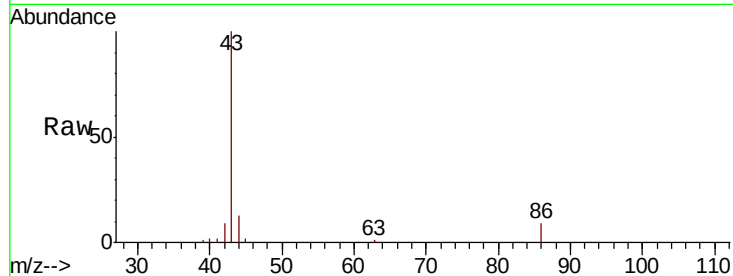
ClientSampled :

Tot Ion: 43 Resp: 49870

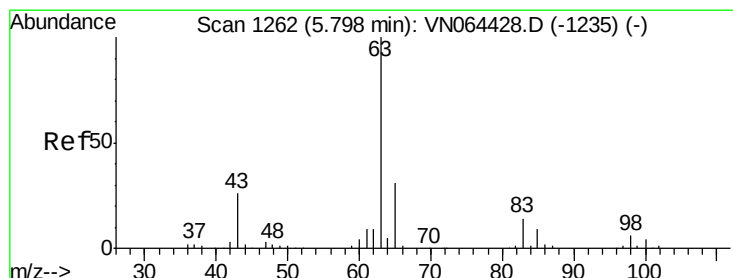
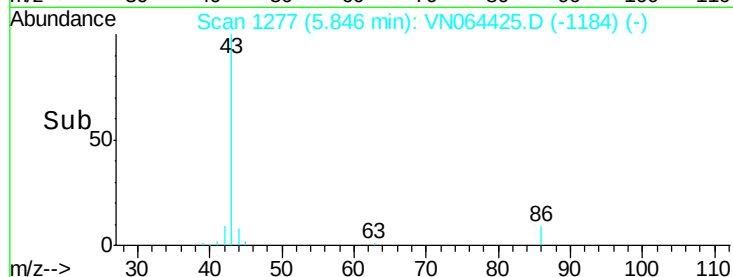
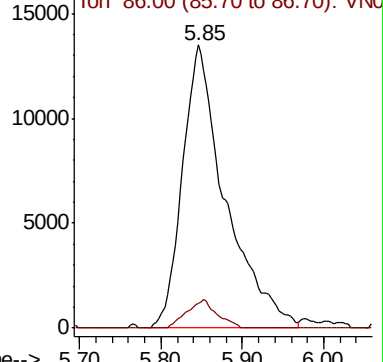
Ion Ratio Lower Upper

43 100

86 8.9 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064425.D (-1184) (-)



#24

1,1-Dichloroethane

Concen: 0.654 ug/l

RT: 5.79 min Scan# 1260

Delta R.T. -0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

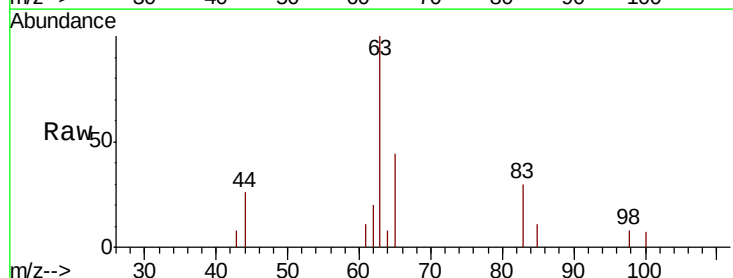
Tgt Ion: 63 Resp: 4862

Ion Ratio Lower Upper

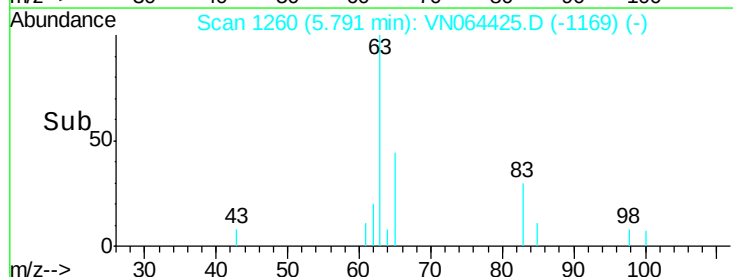
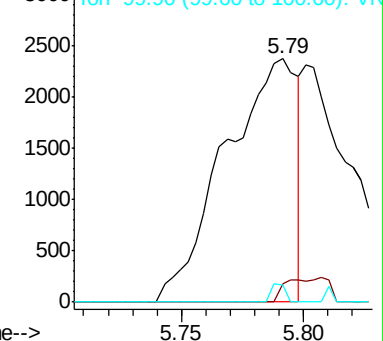
63 100

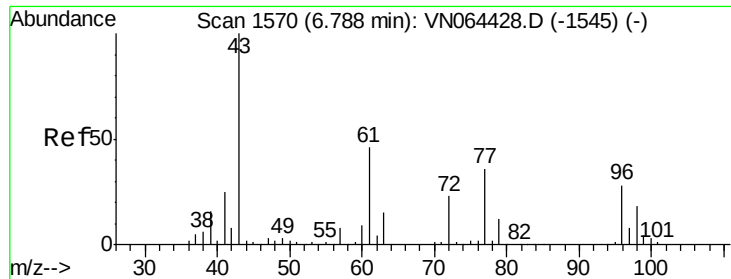
98 7.5 3.0 9.2

100 7.1 1.8 5.3#



Abundance Ion 62.90 (62.60 to 63.60): VN064425.D (-1169) (-)





#25

2-Butanone

Concen: 4.321 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

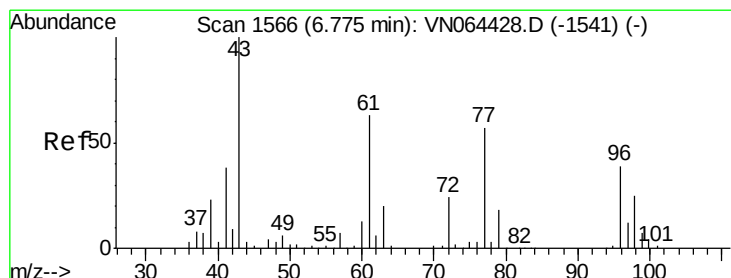
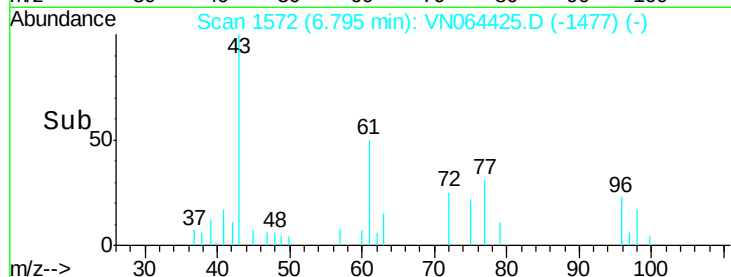
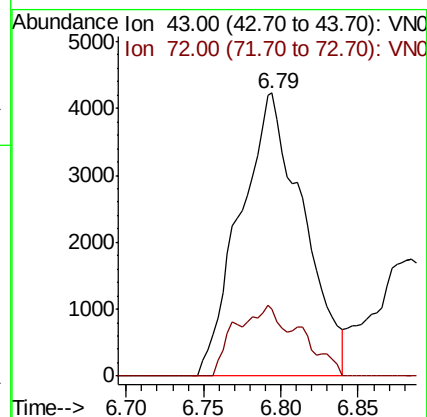
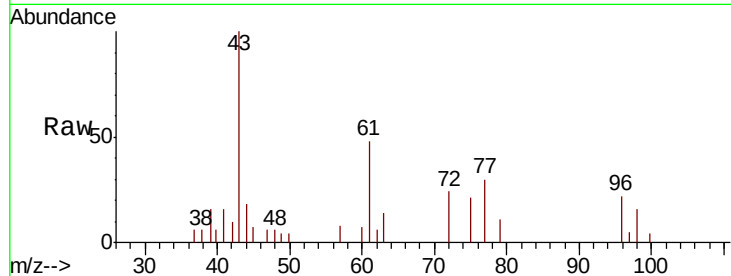
ClientSampled :

Tot Ion: 43 Resp: 12030

Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 1.084 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064425.D

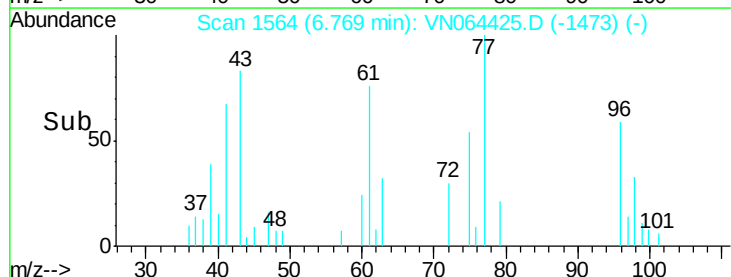
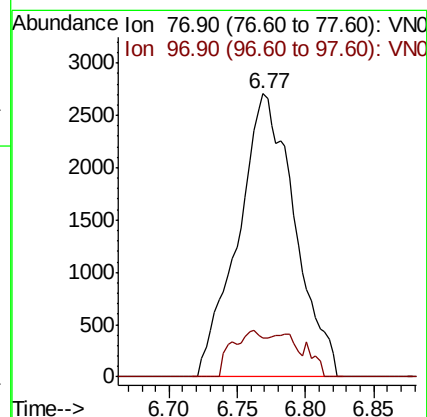
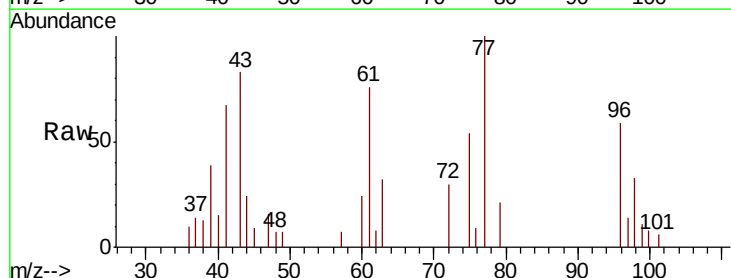
Acq: 4 Nov 2020 9:38

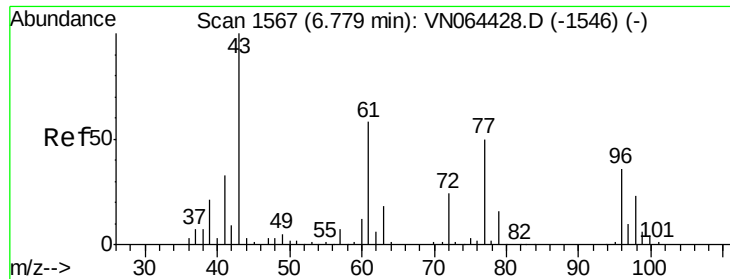
Tgt Ion: 77 Resp: 7780

Ion Ratio Lower Upper

77 100

97 8.8 10.2 30.6#





#27

cis-1,2-Dichloroethene

Concen: 1.128 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

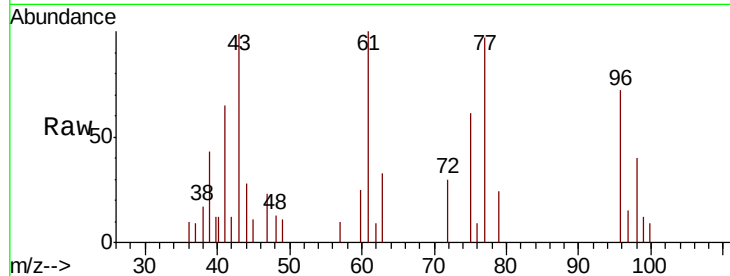
Tot Ion: 96 Resp: 4794

Ion Ratio Lower Upper

96 100

61 166.7 0.0 329.6

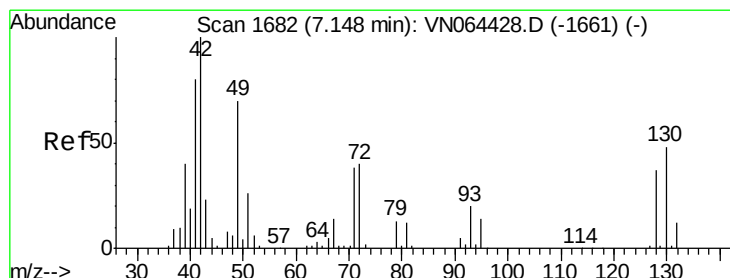
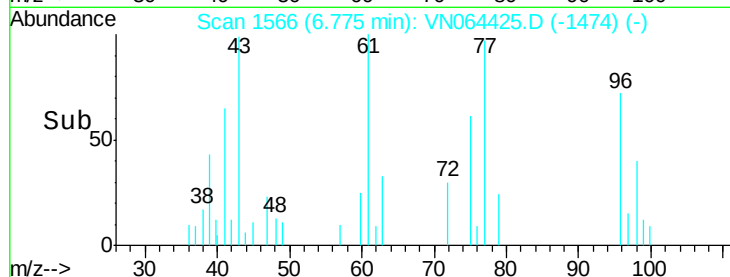
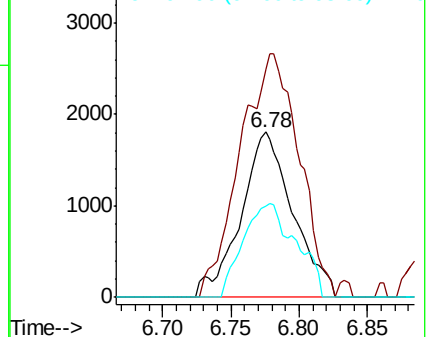
98 57.2 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 1.161 ug/l

RT: 7.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

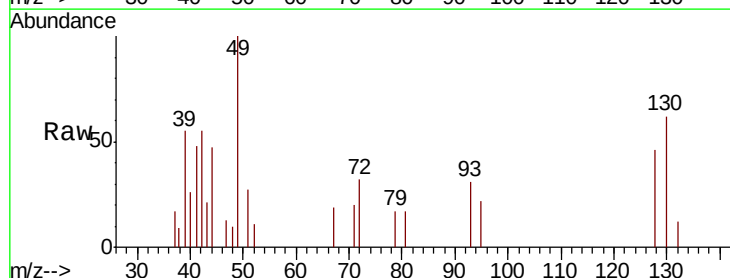
Tgt Ion: 49 Resp: 4014

Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

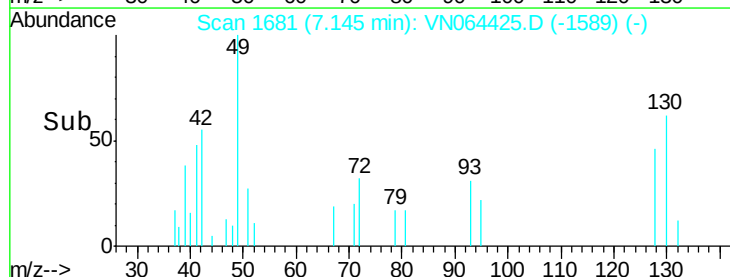
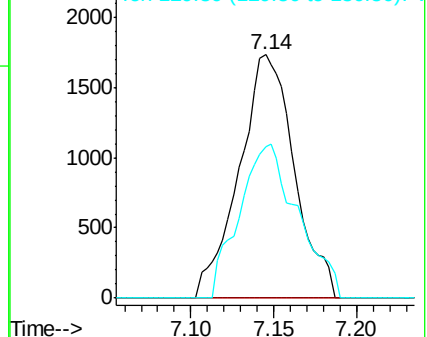
130 67.1 54.2 81.4

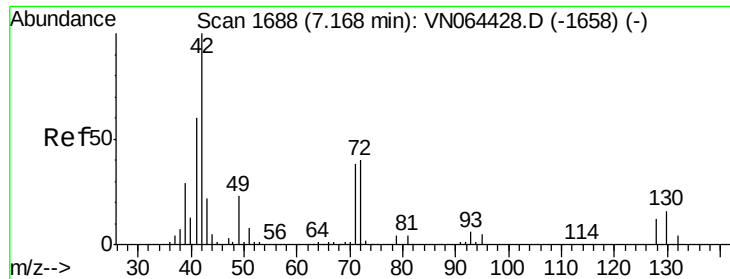


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

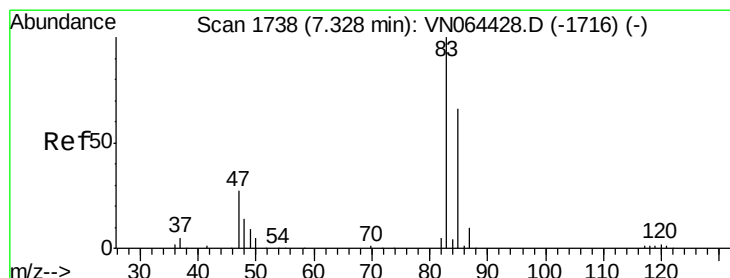
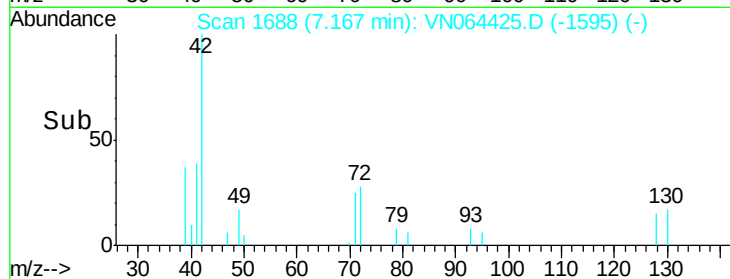
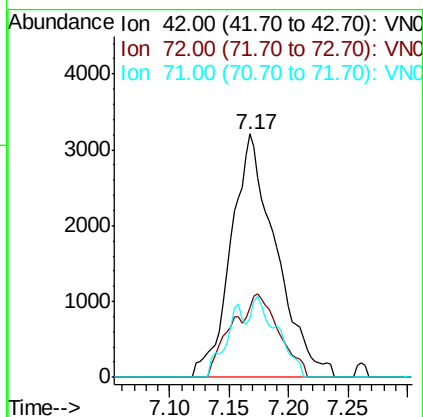
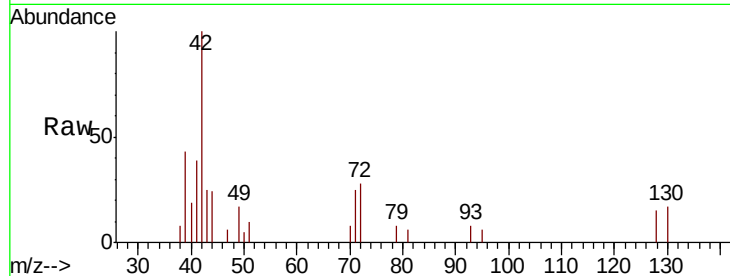




#29
Tetrahydrofuran
Concen: 4.714 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

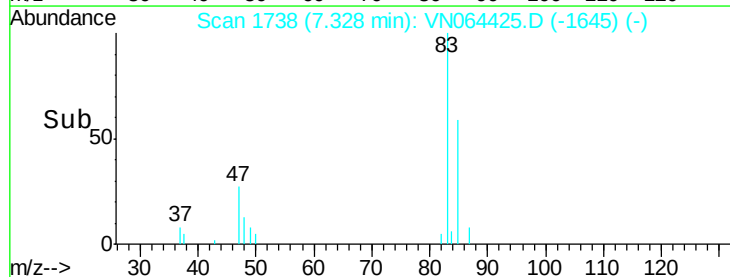
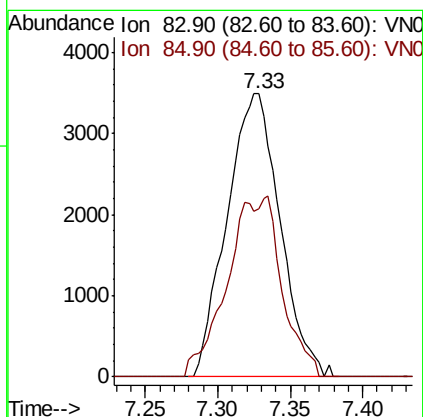
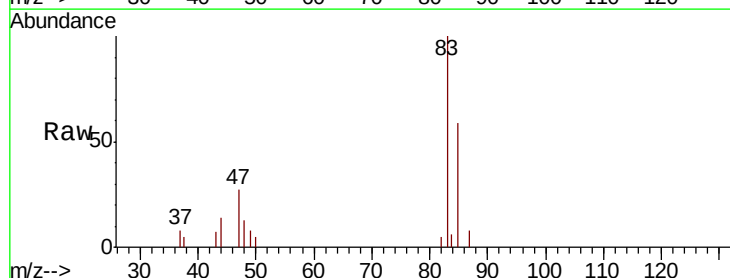
Instrument :
MSVOA_N
ClientSampleId :

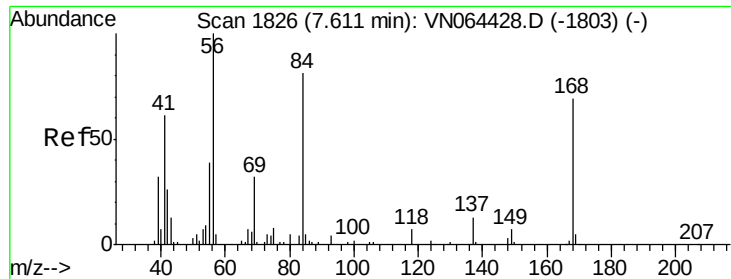
Tot Ion: 42 Resp: 8398
Ion Ratio Lower Upper
42 100
72 24.1 31.7 47.5#
71 20.0 29.8 44.6#



#30
Chloroform
Concen: 1.119 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 83 Resp: 8887
Ion Ratio Lower Upper
83 100
85 59.4 52.5 78.7

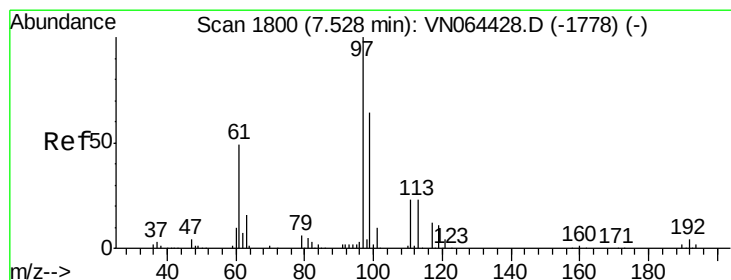
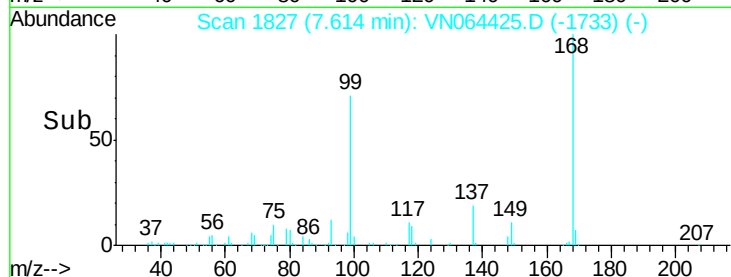
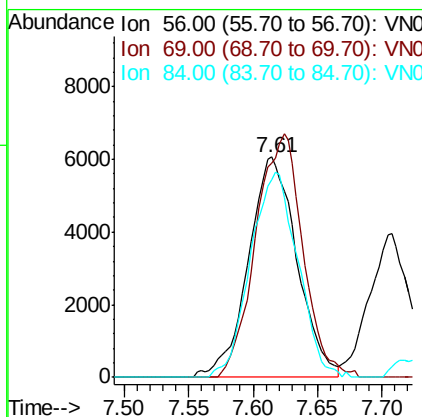
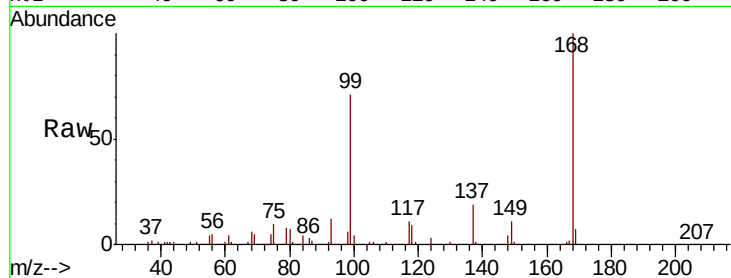




#31
Cyclohexane
Concen: 2.441 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

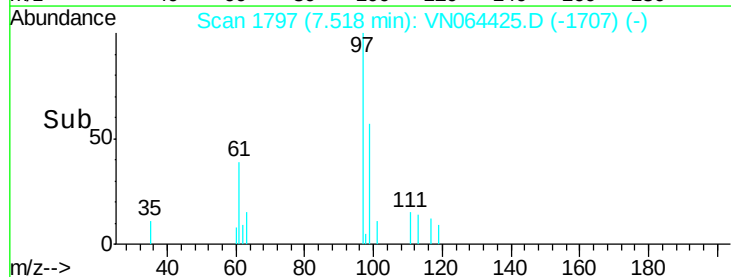
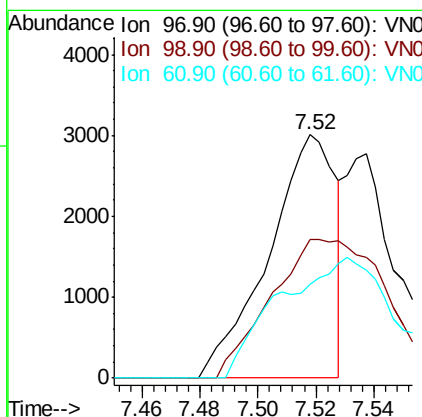
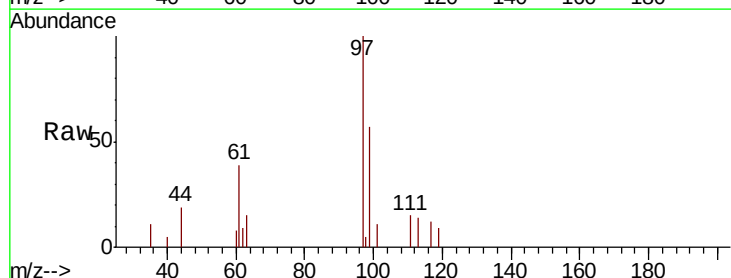
Instrument :
MSVOA_N
ClientSampleId :

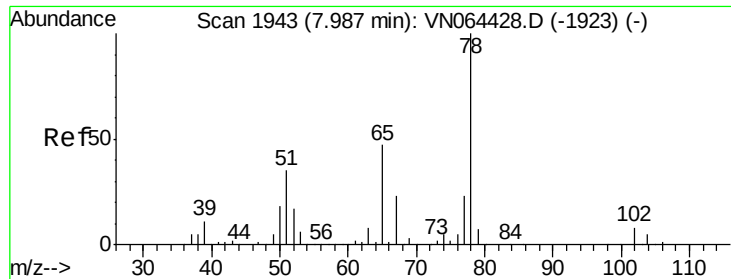
Tot Ion: 56 Resp: 15940
Ion Ratio Lower Upper
56 100
69 97.1 25.6 38.4#
84 89.5 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 0.642 ug/l
RT: 7.52 min Scan# 1797
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 97 Resp: 4812
Ion Ratio Lower Upper
97 100
99 0.0 51.3 76.9#
61 86.6 39.1 58.7#

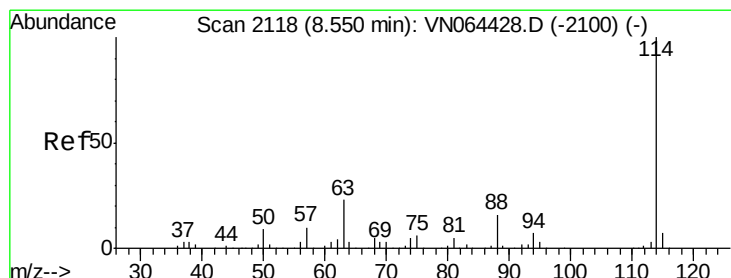
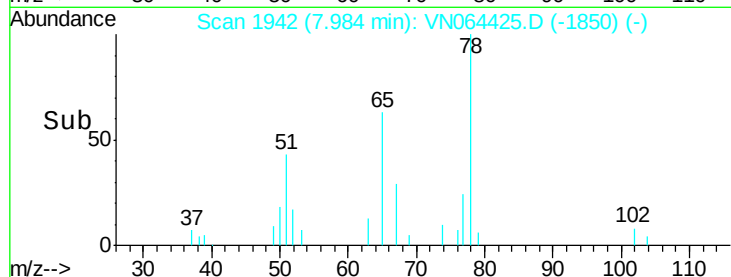
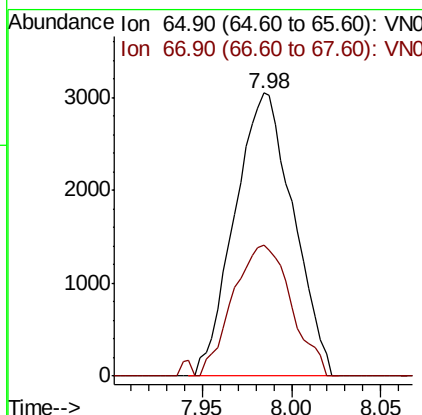
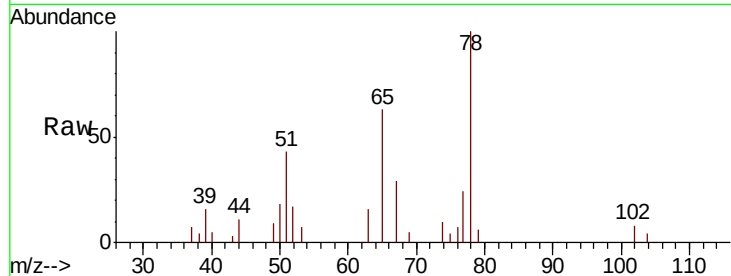




#33
 1,2-Dichloroethane-d4
 Concen: 1.264 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

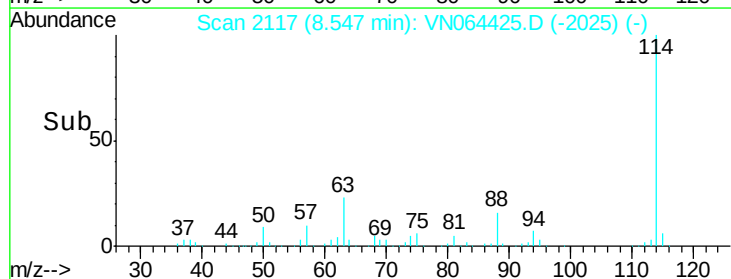
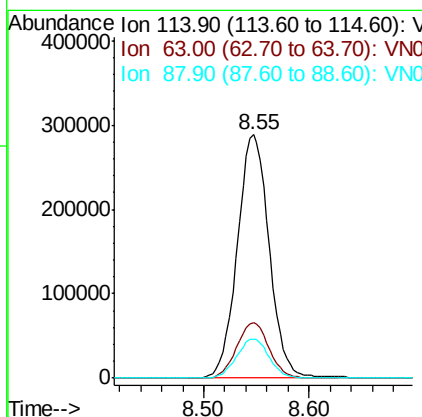
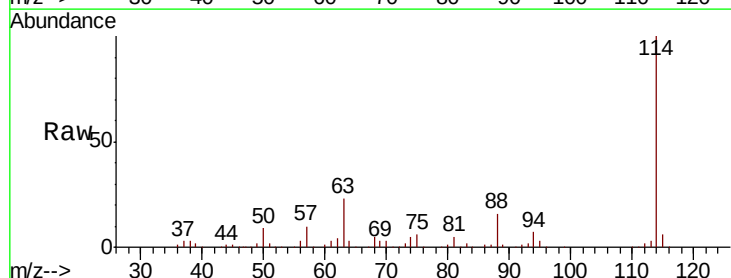
Instrument :
 MSVOA_N
 ClientSampled :

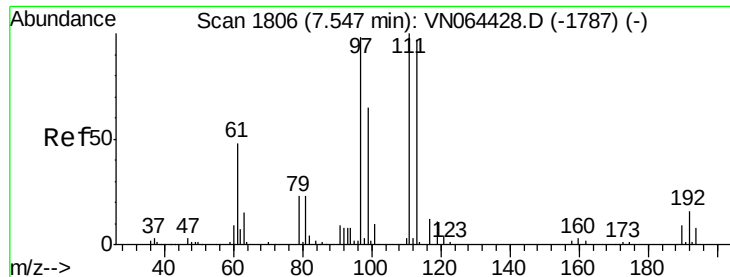
Tot Ion: 65 Resp: 6973
 Ion Ratio Lower Upper
 65 100
 67 46.1 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 114 Resp: 604185
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.2 0.0 32.8

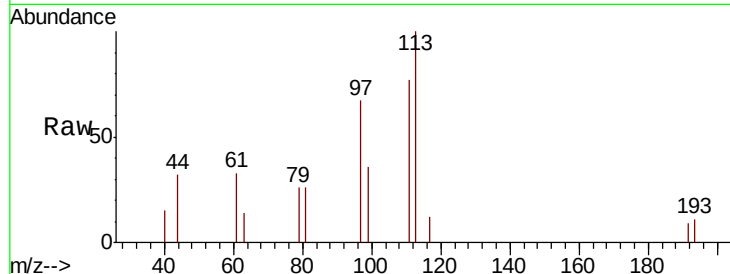




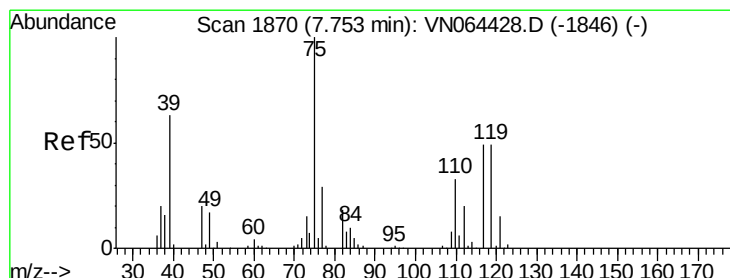
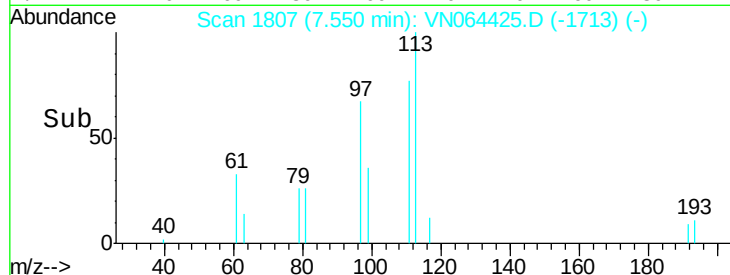
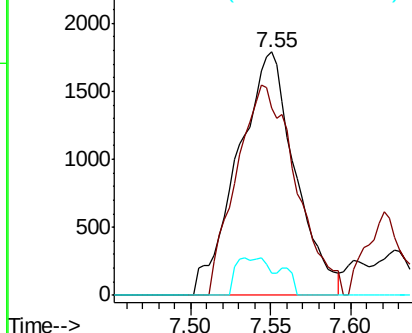
#35
 Dibromofluoromethane
 Concen: 1.094 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 4410
 Ion Ratio Lower Upper
 113 100
 111 89.4 81.1 121.7
 192 9.2 12.8 19.2#

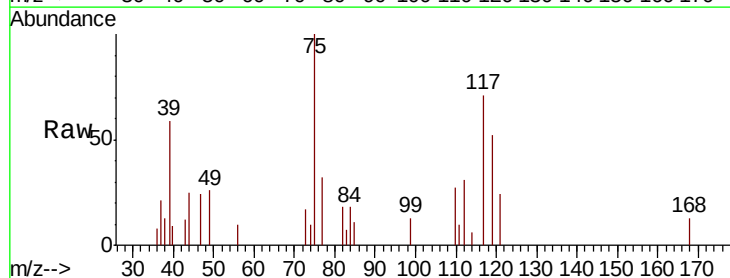


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

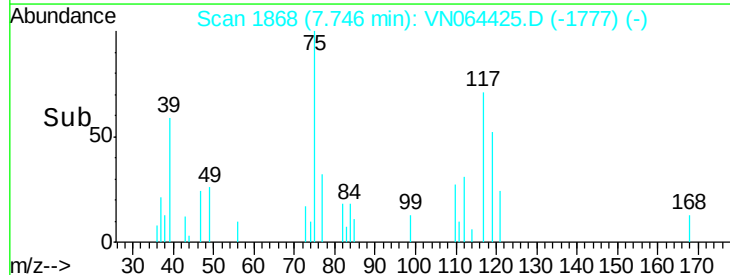
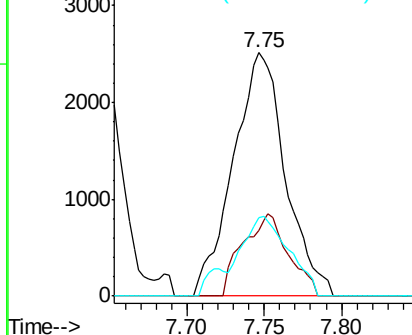


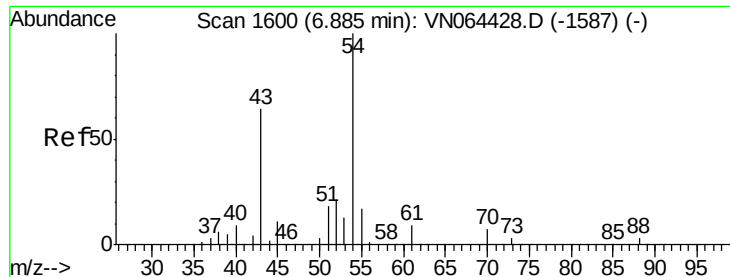
#36
 1,1-Dichloropropene
 Concen: 0.949 ug/l
 RT: 7.75 min Scan# 1868
 Delta R.T. -0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 75 Resp: 5910
 Ion Ratio Lower Upper
 75 100
 110 29.5 16.0 48.0
 77 29.1 24.0 36.0



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

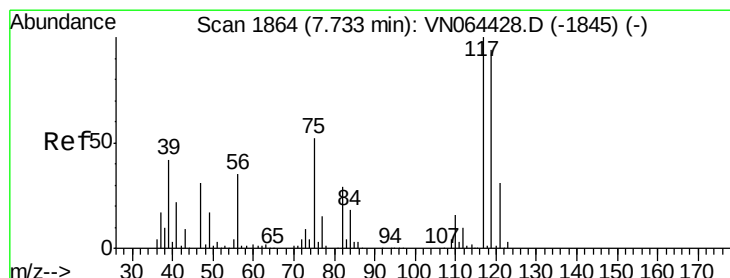
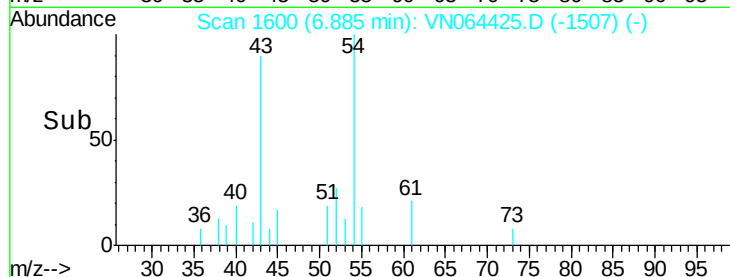
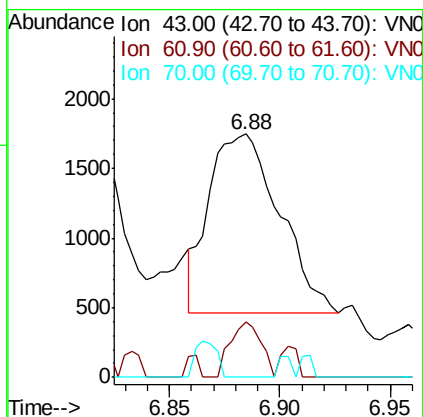
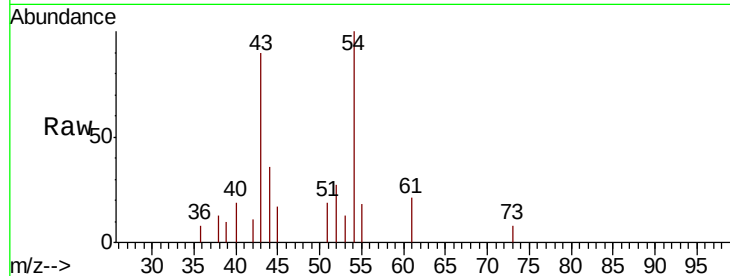




#37
Ethyl Acetate
Concen: 0.456 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

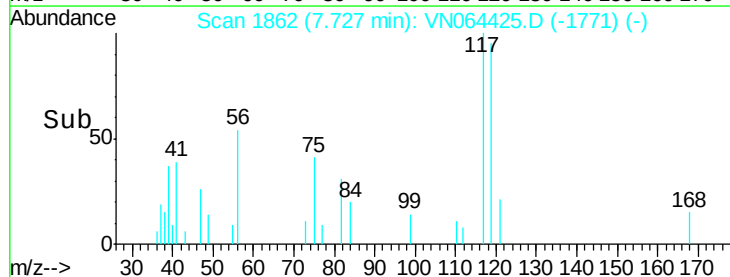
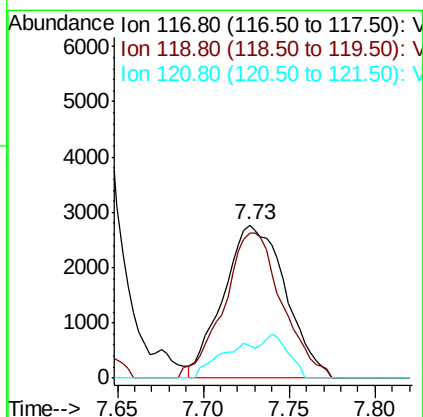
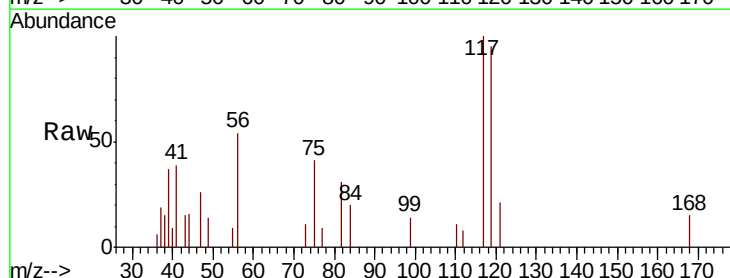
Instrument :
MSVOA_N
ClientSampled :

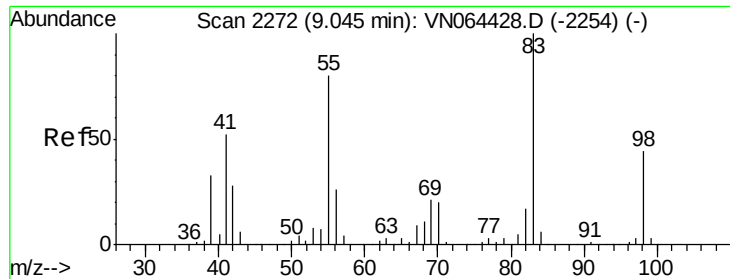
Tot Ion: 43 Resp: 2834
Ion Ratio Lower Upper
43 100
61 13.8 10.0 15.0
70 2.1 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 0.985 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 117 Resp: 6958
Ion Ratio Lower Upper
117 100
119 95.0 75.5 113.3
121 21.2 24.4 36.6#

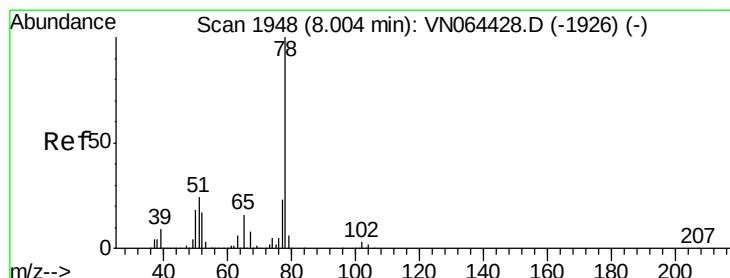
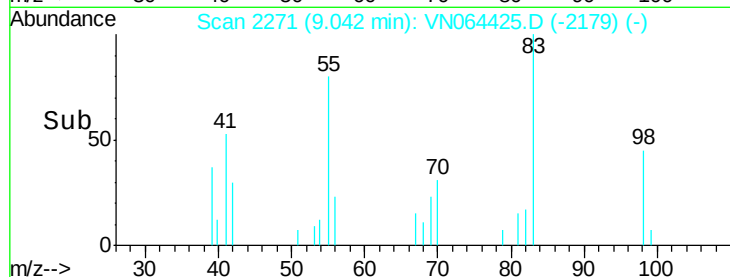
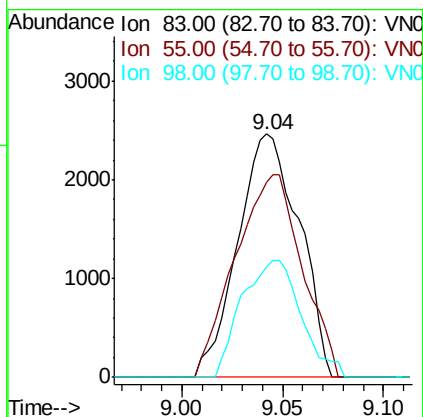
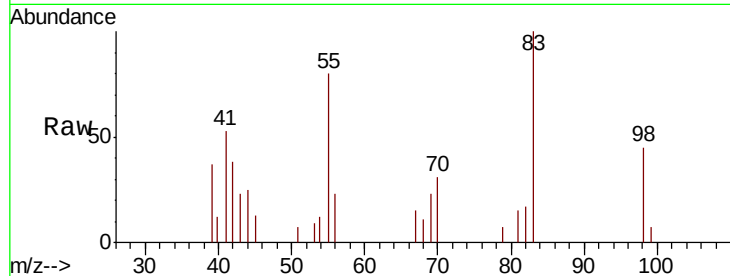




#39
Methylvlcyclohexane
Concen: 0.859 ug/l
RT: 9.04 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

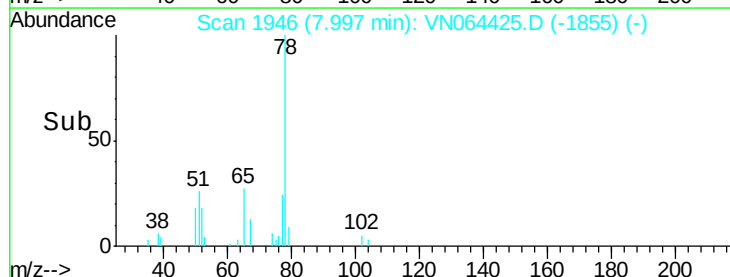
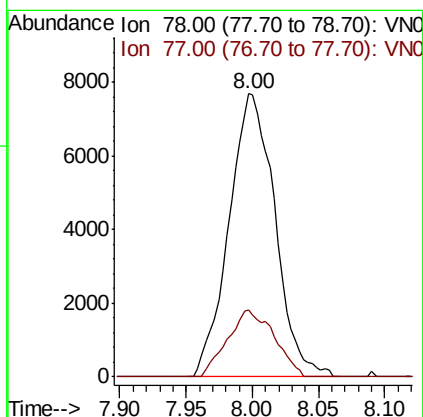
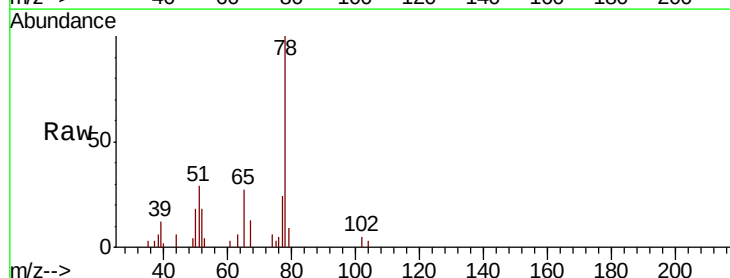
Instrument :
MSVOA_N
ClientSampleId :

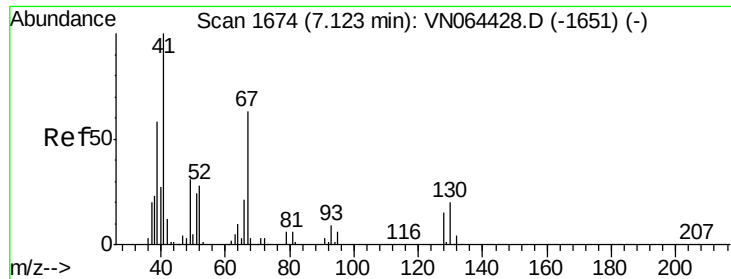
Tot Ion: 83 Resp: 5222
Ion Ratio Lower Upper
83 100
55 80.0 63.8 95.6
98 45.5 35.4 53.2



#40
Benzene
Concen: 1.061 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 78 Resp: 18516
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1

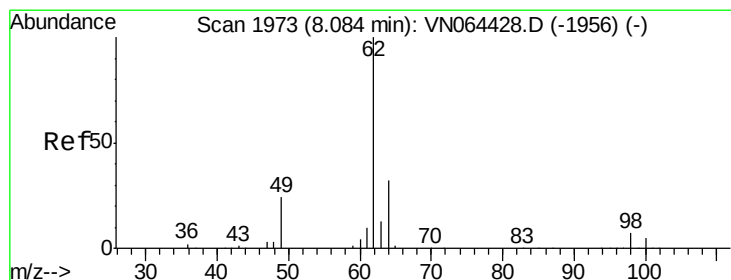
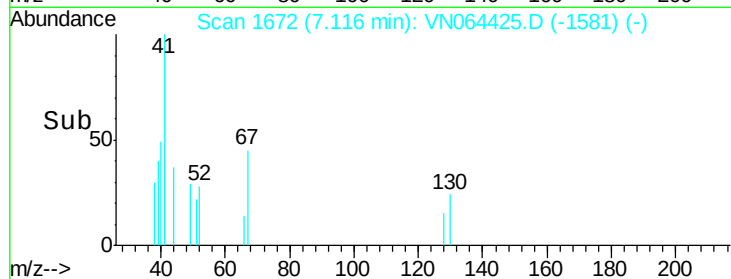
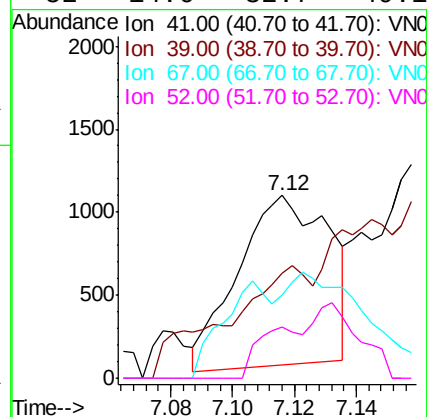
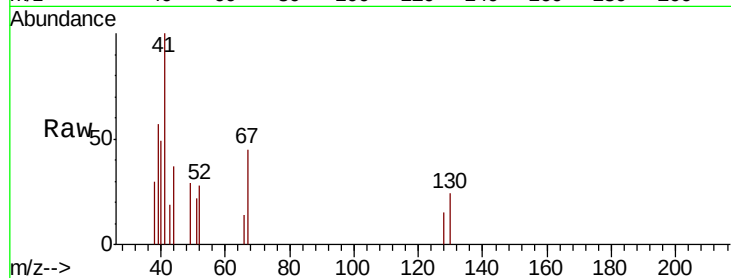




#41
Methacrylonitrile
Concen: 0.690 ug/l
RT: 7.12 min Scan# 1672
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

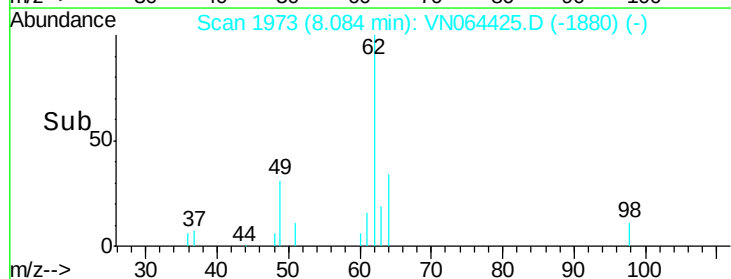
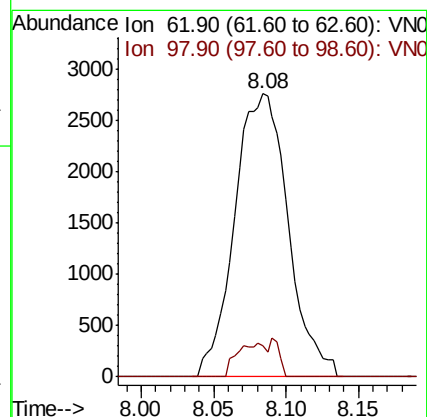
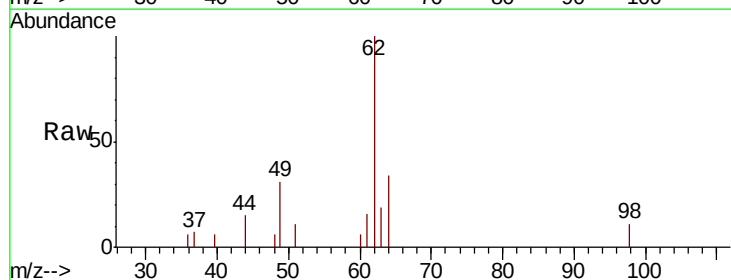
Instrument :
MSVOA_N
ClientSampleId :

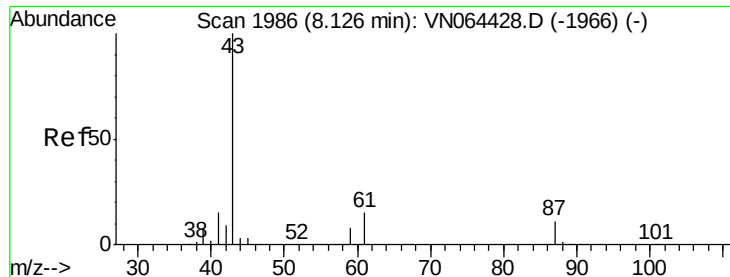
Tot Ion:	41	Resp:	2089
Ion	Ratio	Lower	Upper
41	100		
39	62.1	50.0	75.0
67	55.8	68.3	102.5#
52	14.6	32.7	49.1#



#42
1,2-Dichloroethane
Concen: 0.952 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:	62	Resp:	7073
Ion	Ratio	Lower	Upper
62	100		
98	6.6	0.0	14.0





#43

Isopropyl Acetate

Concen: 0.829 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

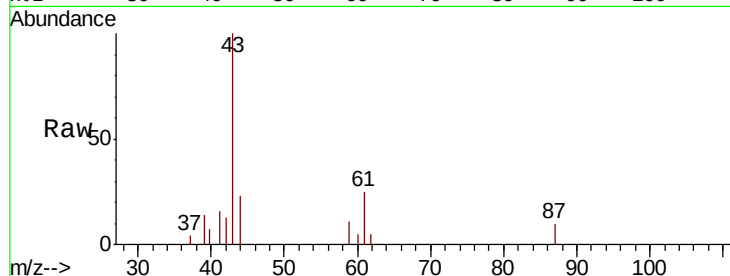
Tot Ion: 43 Resp: 8792

Ion Ratio Lower Upper

43 100

61 14.9 14.0 21.0

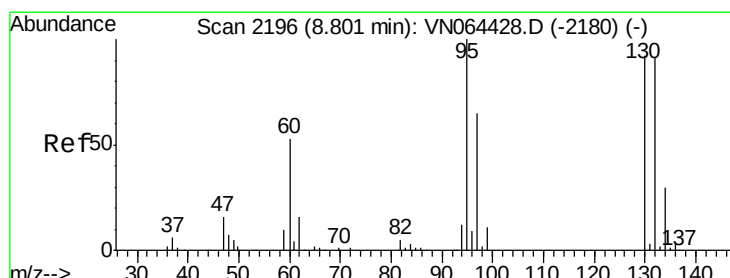
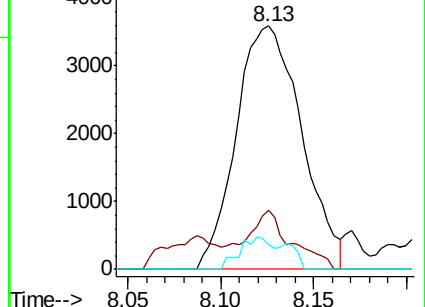
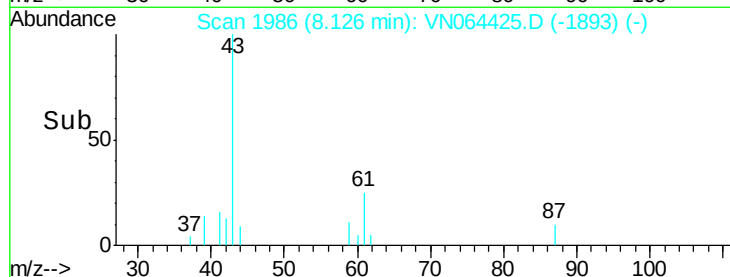
87 6.4 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN064425.D (-1893) (-)

Ion 61.00 (60.70 to 61.70): VN064425.D (-1893) (-)

Ion 87.00 (86.70 to 87.70): VN064425.D (-1893) (-)



#44

Trichloroethene

Concen: 1.072 ug/l

RT: 8.79 min Scan# 2194

Delta R.T. -0.01 min

Lab File: VN064425.D

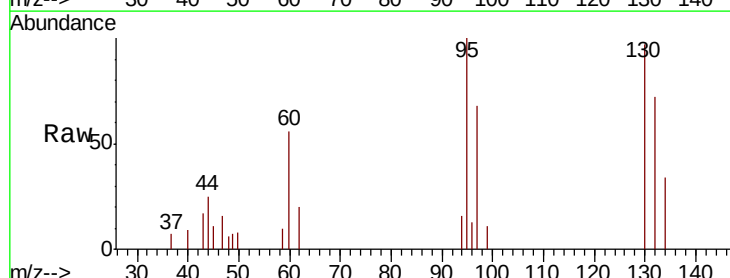
Acq: 4 Nov 2020 9:38

Tgt Ion: 130 Resp: 4829

Ion Ratio Lower Upper

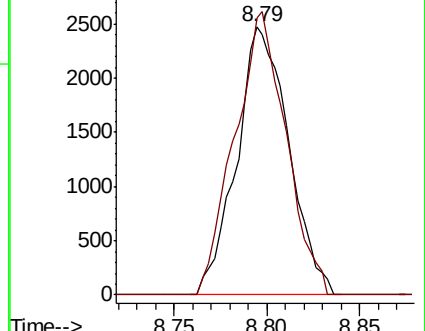
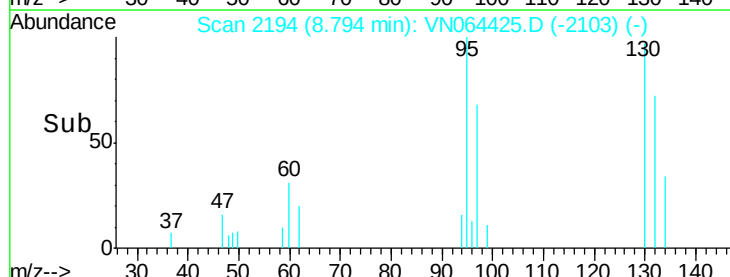
130 100

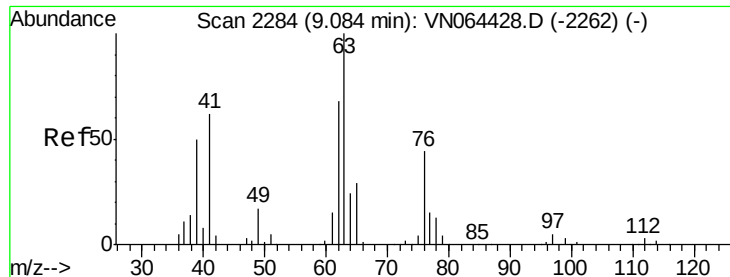
95 103.0 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064425.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064425.D (-2103) (-)

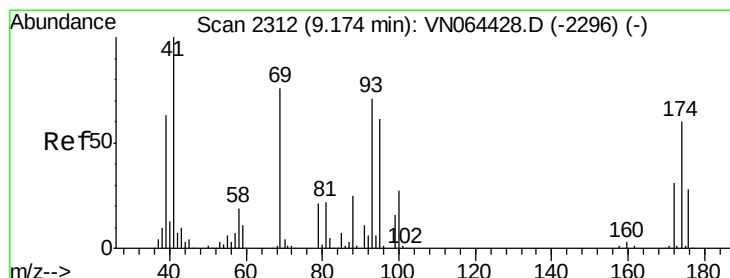
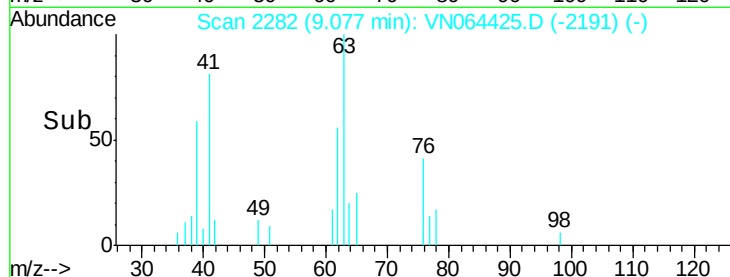
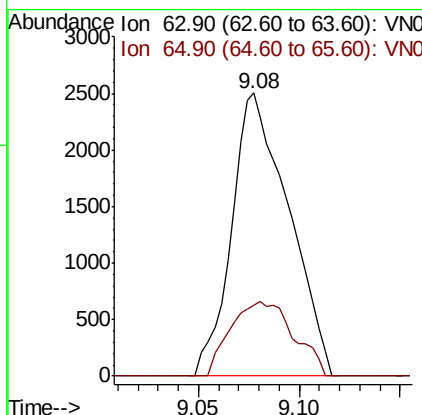
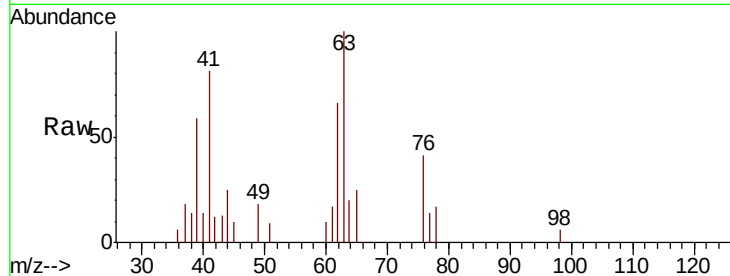




#45
 1,2-Dichloropropane
 Concen: 1.055 ug/l
 RT: 9.08 min Scan# 2282
 Delta R.T. -0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

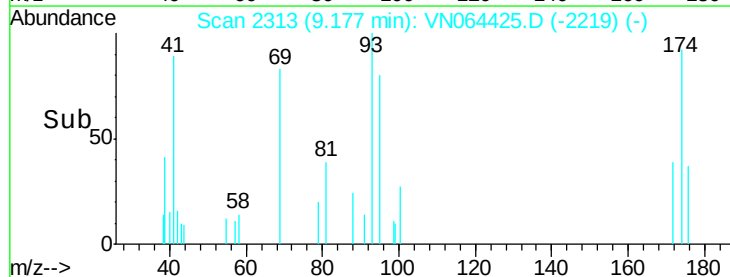
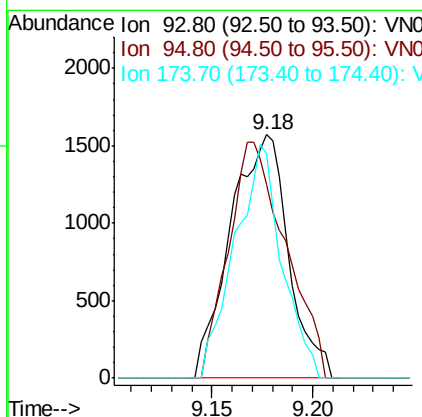
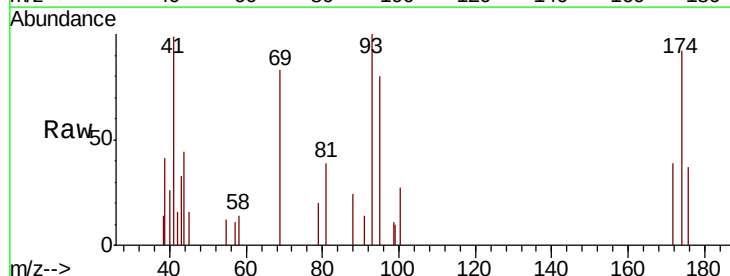
Instrument :
 MSVOA_N
 ClientSampled :

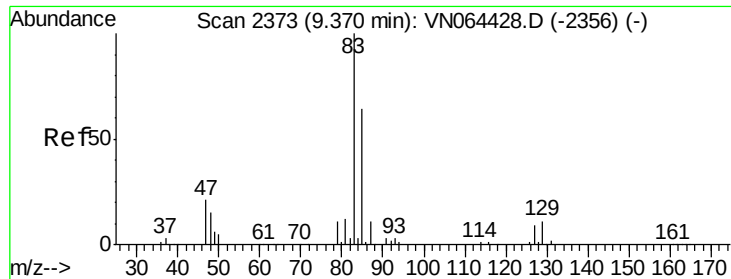
Tot Ion: 63 Resp: 4940
 Ion Ratio Lower Upper
 63 100
 65 25.3 23.6 35.4



#46
 Dibromomethane
 Concen: 0.983 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 93 Resp: 3159
 Ion Ratio Lower Upper
 93 100
 95 95.2 66.4 99.6
 174 77.6 67.2 100.8





#47

Bromodichloromethane

Concen: 0.950 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

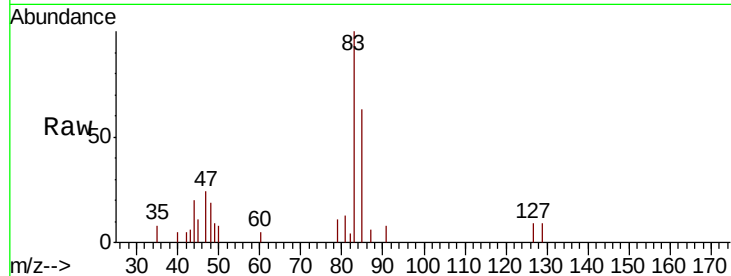
Tot Ion: 83 Resp: 6778

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

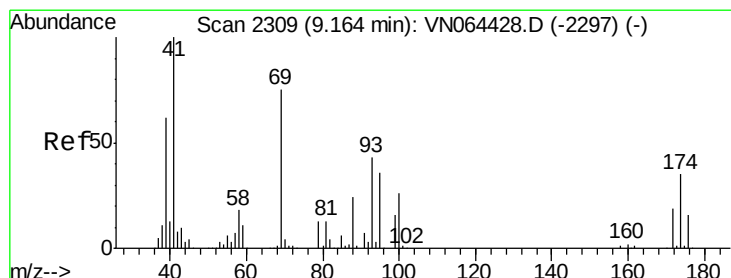
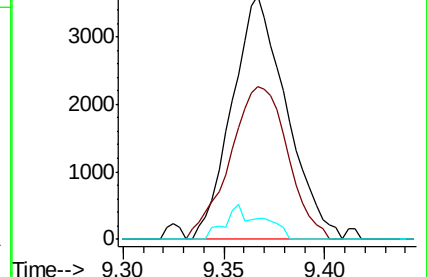
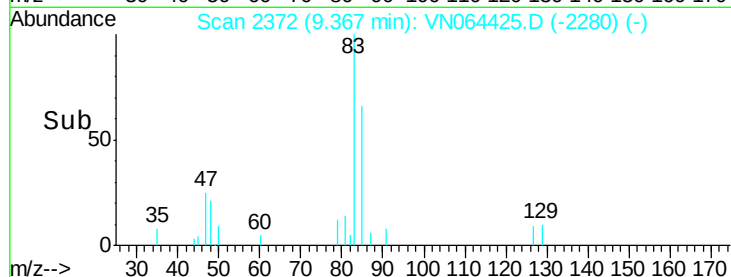
127 8.7 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064425.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064425.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064425.D (-2280) (-)



#48

Methyl methacrylate

Concen: 0.818 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

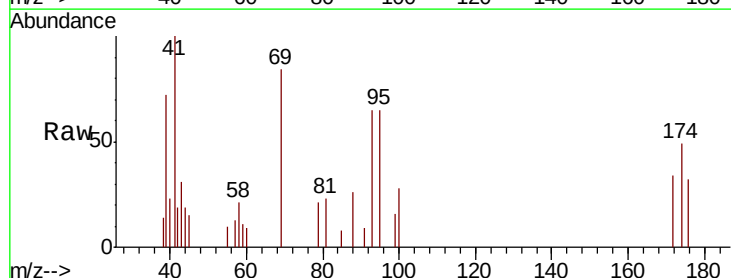
Tgt Ion: 41 Resp: 4478

Ion Ratio Lower Upper

41 100

69 73.3 60.4 90.6

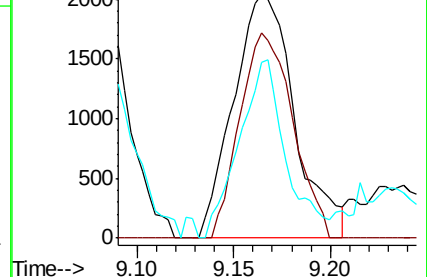
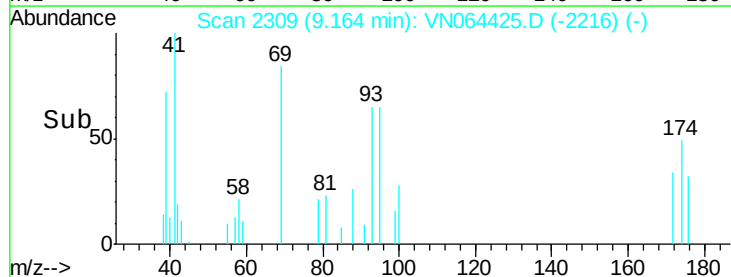
39 56.5 51.2 76.8

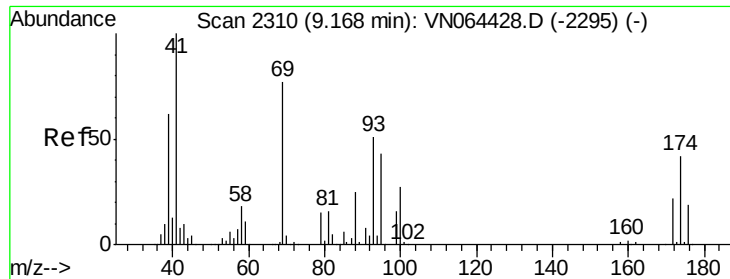


Abundance Ion 41.00 (40.70 to 41.70): VN064425.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064425.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064425.D (-2216) (-)

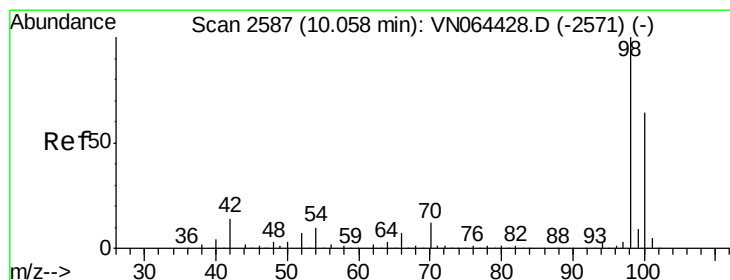
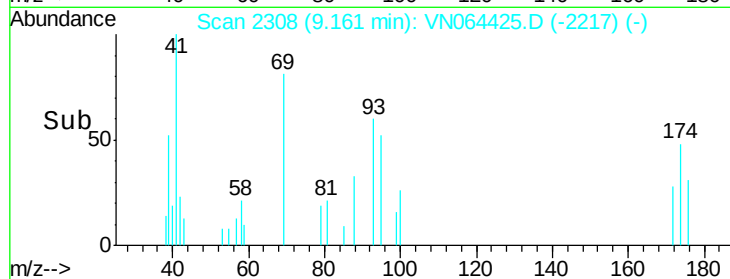
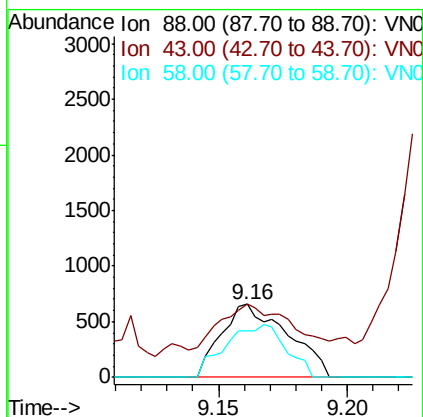
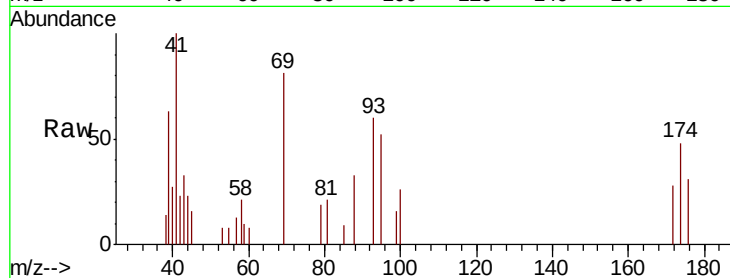




#49
1,4-Dioxane
Concen: 14.902 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.01 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

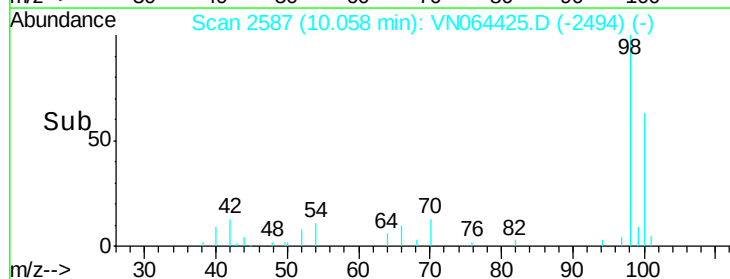
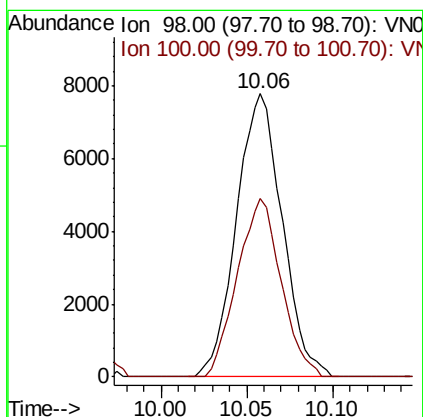
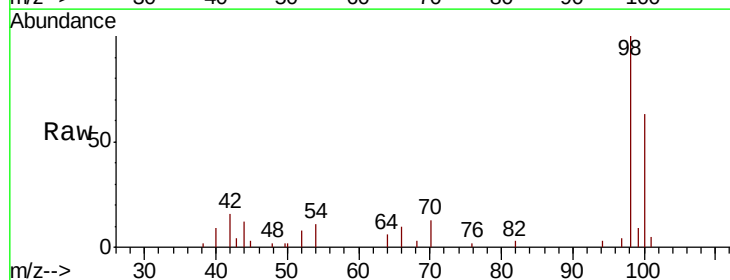
Instrument :
MSVOA_N
ClientSampled :

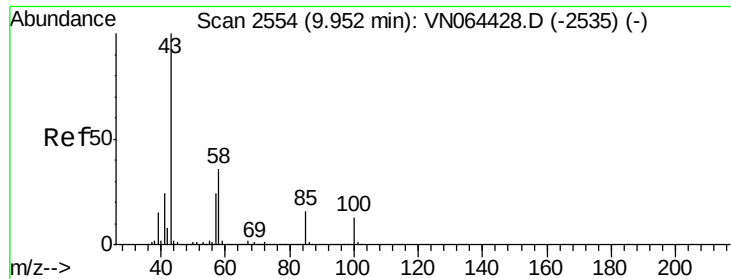
Tot Ion: 88 Resp: 1176
Ion Ratio Lower Upper
88 100
43 69.4 31.0 46.6#
58 65.9 58.4 87.6



#50
Toluene-d8
Concen: 0.951 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 98 Resp: 14389
Ion Ratio Lower Upper
98 100
100 60.1 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 4.154 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

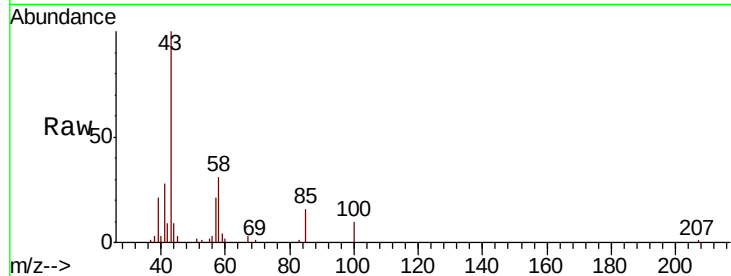
ClientSampled :

Tot Ion: 43 Resp: 25745

Ion Ratio Lower Upper

43 100

58 30.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-2535) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2535) (-)

9.95

15000

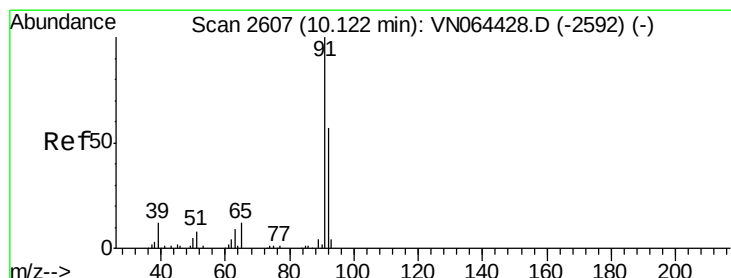
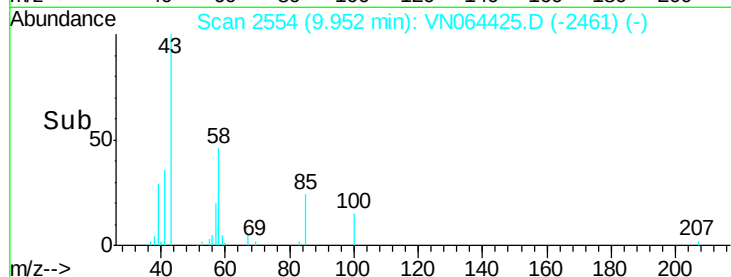
10000

5000

0

Time-->

9.90 10.00



#52

Toluene

Concen: 0.916 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064425.D

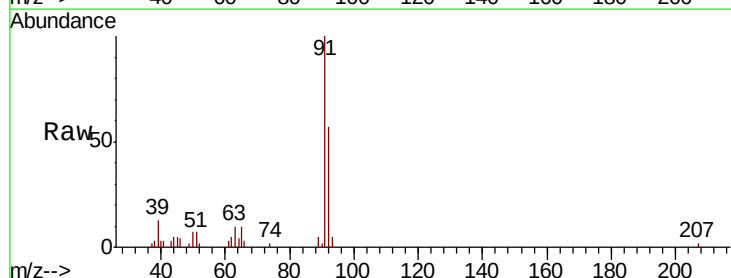
Acq: 4 Nov 2020 9:38

Tgt Ion: 92 Resp: 10066

Ion Ratio Lower Upper

92 100

91 174.3 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064428.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064428.D (-2592) (-)

10.13

10000

8000

6000

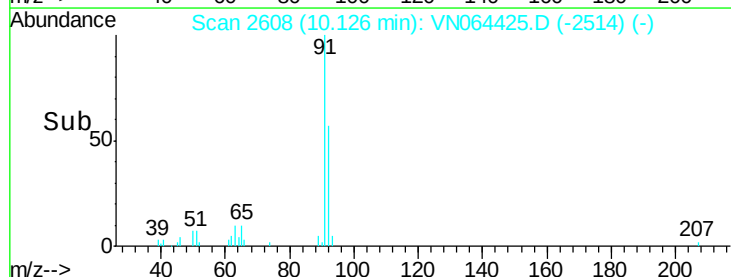
4000

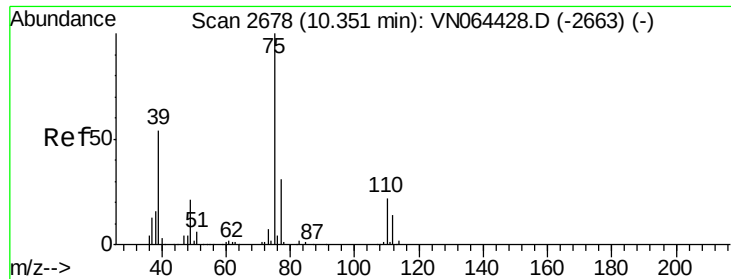
2000

0

Time-->

10.05 10.10 10.15





#53

t-1,3-Dichloropropene

Concen: 0.814 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

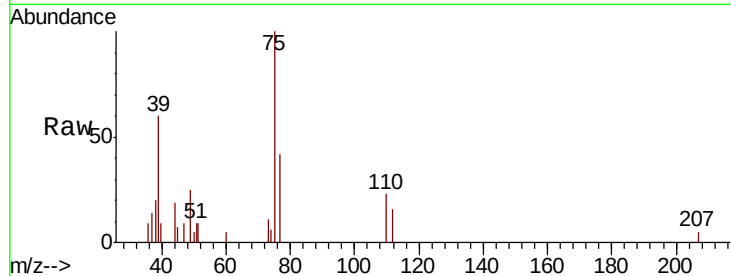
ClientSampled :

Tot Ion: 75 Resp: 6173

Ion Ratio Lower Upper

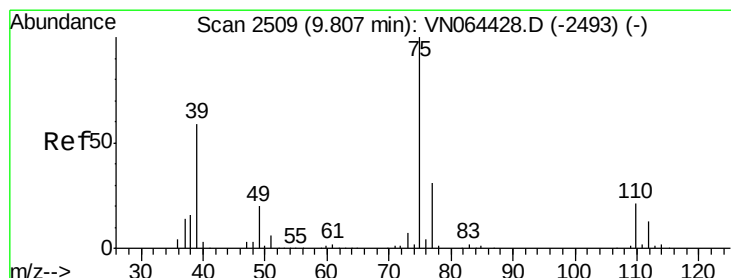
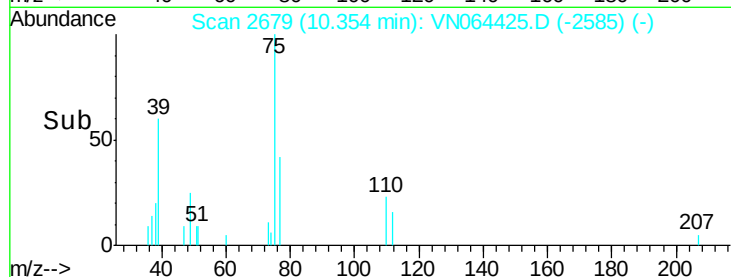
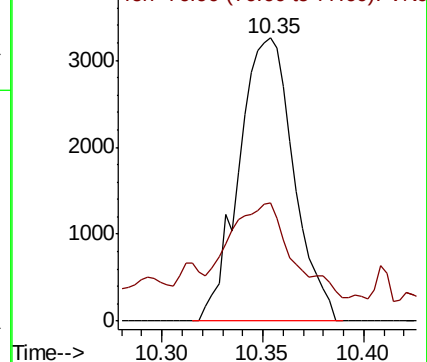
75 100

77 33.5 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 0.892 ug/l

RT: 9.80 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

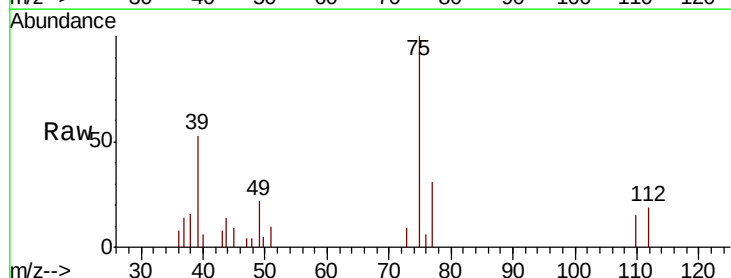
Tgt Ion: 75 Resp: 6965

Ion Ratio Lower Upper

75 100

77 31.4 24.9 37.3

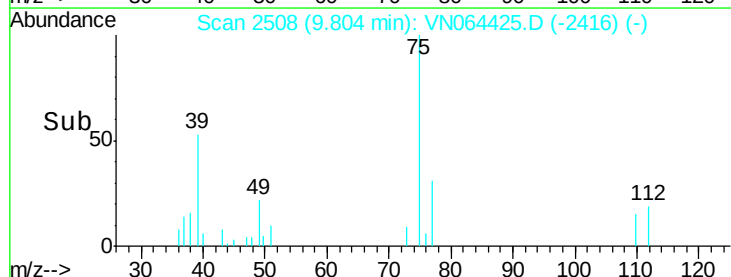
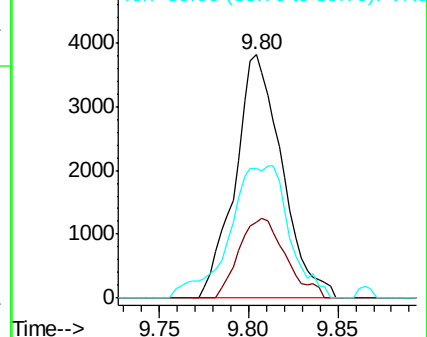
39 53.1 47.1 70.7

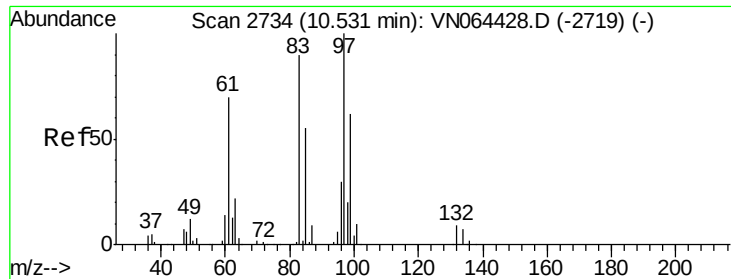


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

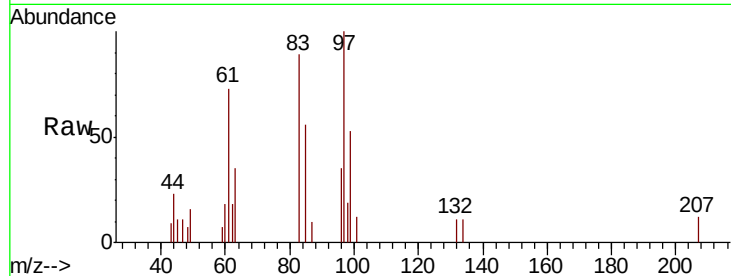




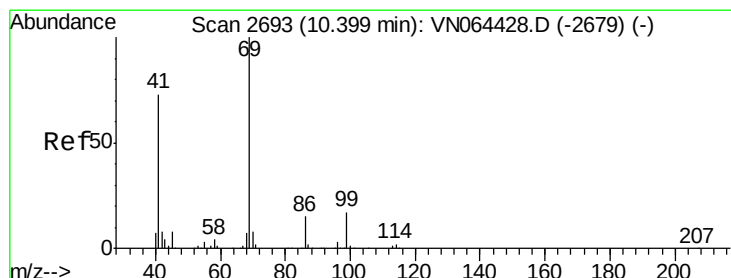
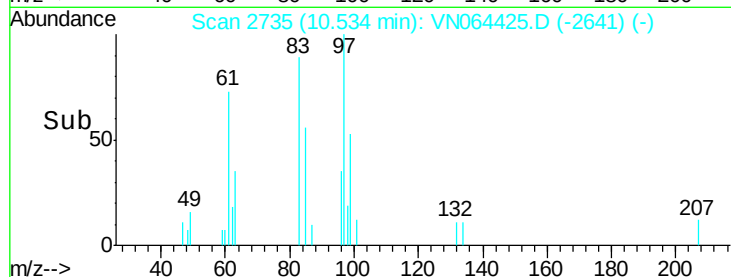
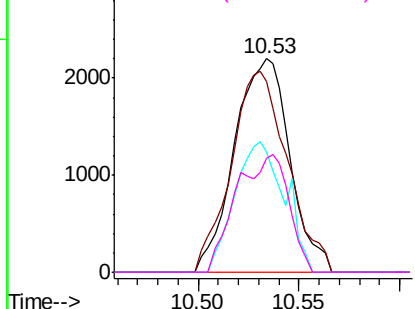
#55
 1,1,2-Trichloroethane
 Concen: 0.980 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 97 Resp: 4232
 Ion Ratio Lower Upper
 97 100
 83 89.5 71.7 107.5
 85 56.5 44.3 66.5
 99 53.1 49.4 74.2

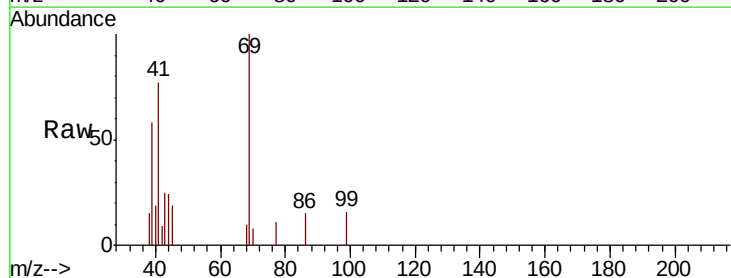


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

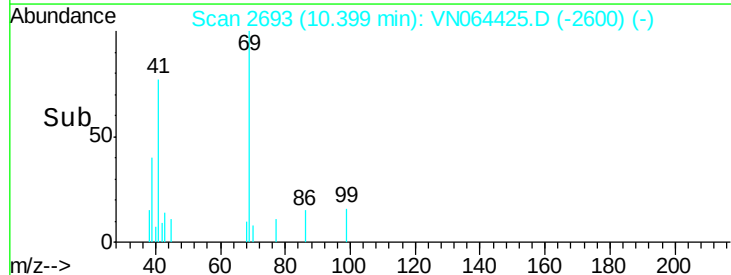
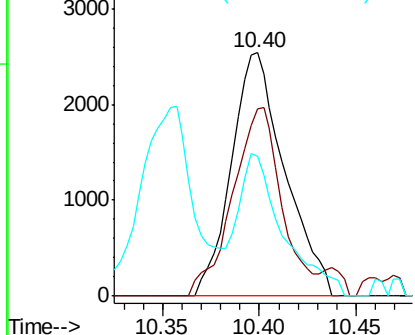


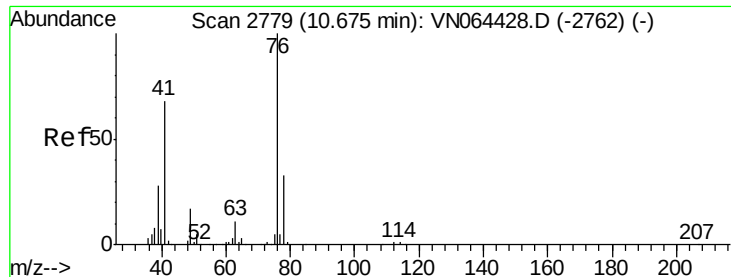
#56
 Ethyl methacrylate
 Concen: 0.748 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 69 Resp: 4870
 Ion Ratio Lower Upper
 69 100
 41 70.8 59.3 88.9
 39 49.0 35.4 53.0



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





#57

1,3-Dichloropropane

Concen: 0.970 ug/l

RT: 10.67 min Scan# 2778

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

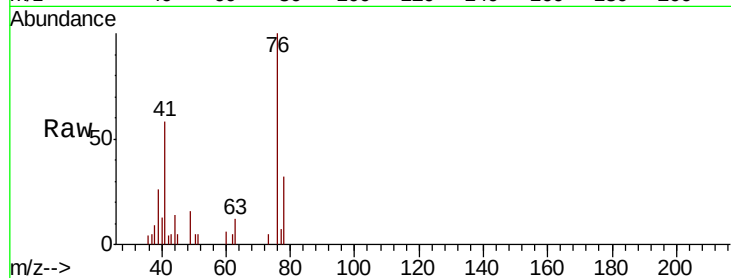
ClientSampled :

Tot Ion: 76 Resp: 7141

Ion Ratio Lower Upper

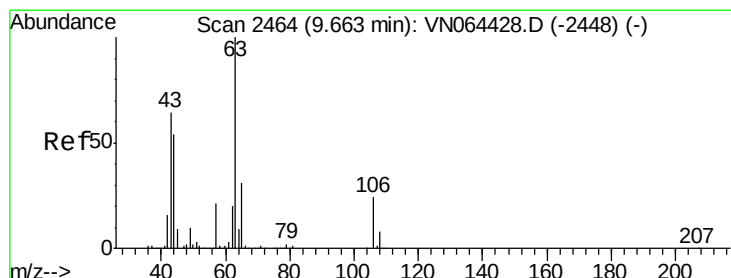
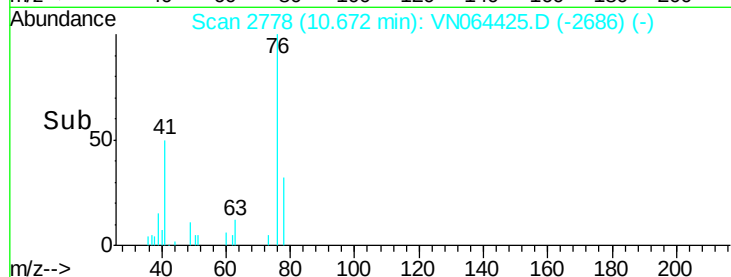
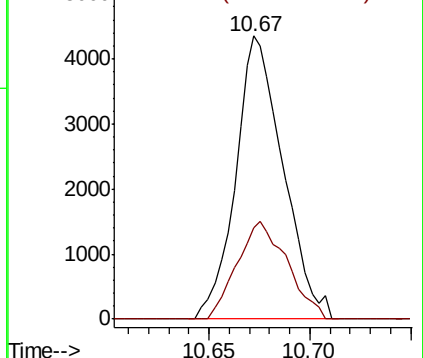
76 100

78 36.4 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 3.417 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064425.D

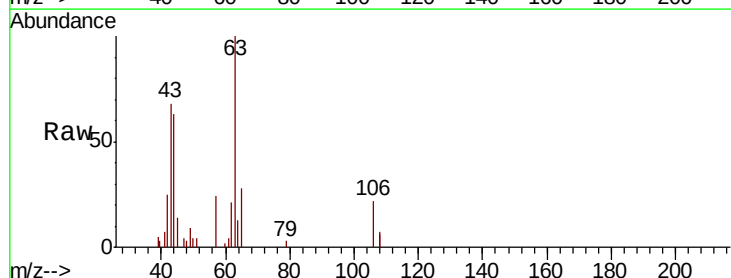
Acq: 4 Nov 2020 9:38

Tgt Ion: 63 Resp: 11572

Ion Ratio Lower Upper

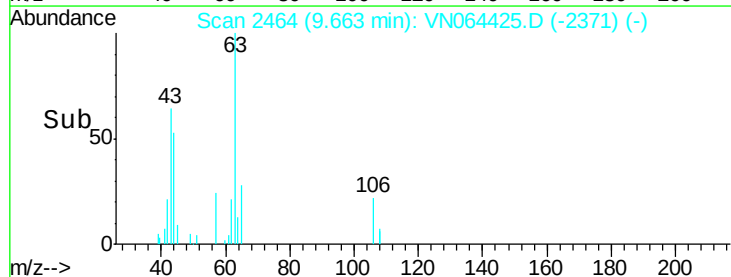
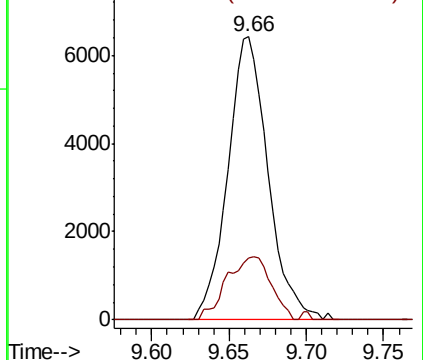
63 100

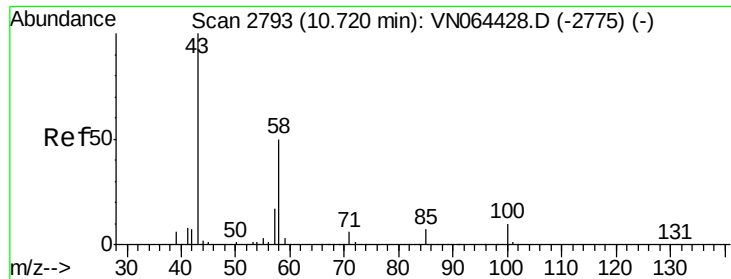
106 24.8 19.5 29.3



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

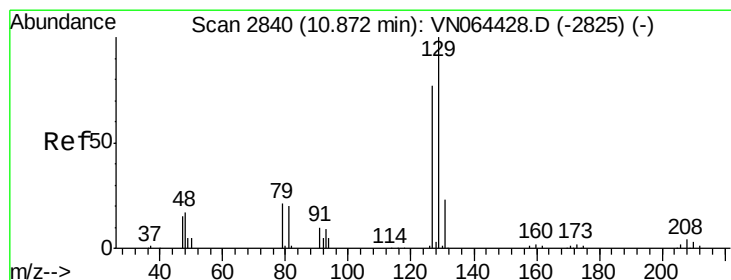
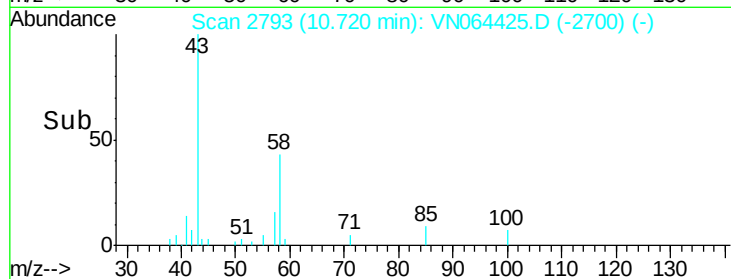
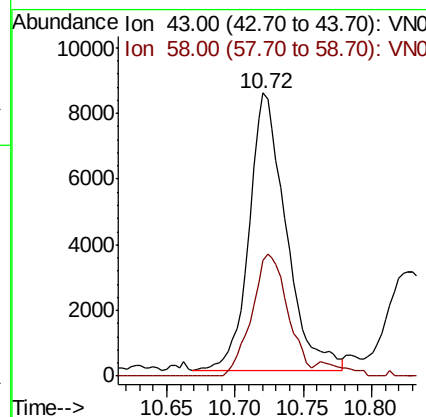
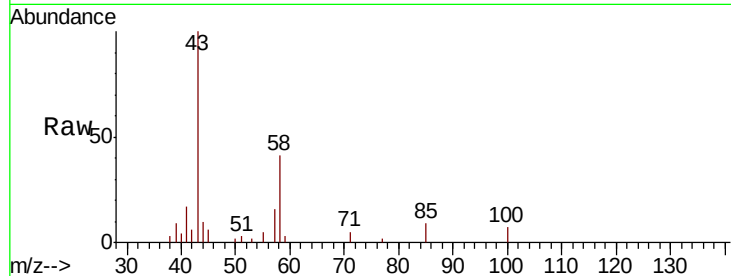




#59
2-Hexanone
Concen: 3.514 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

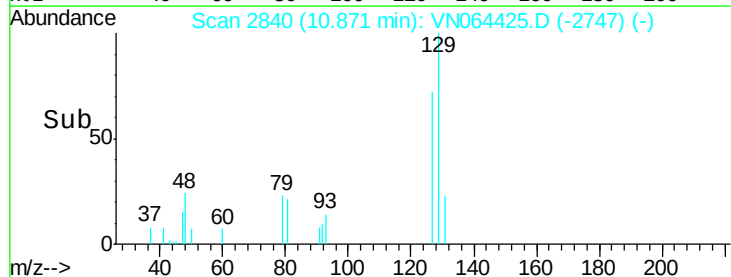
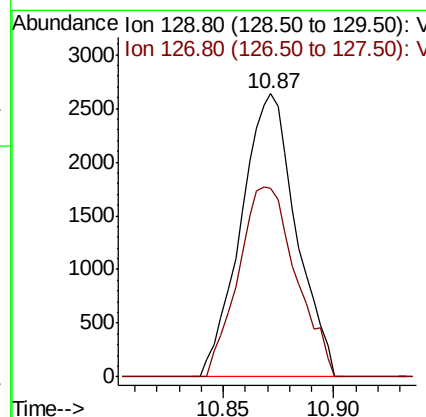
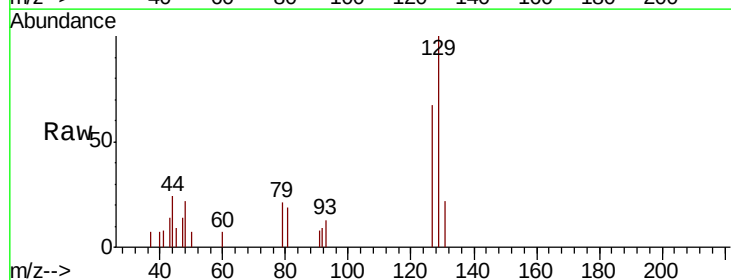
Instrument :
MSVOA_N
ClientSampleId :

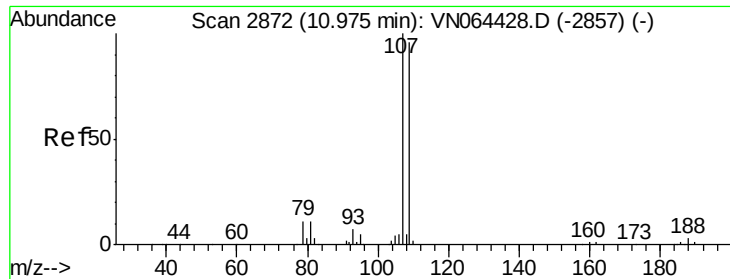
Tot Ion: 43 Resp: 16009
Ion Ratio Lower Upper
43 100
58 42.4 24.7 74.1



#60
Dibromochloromethane
Concen: 0.912 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 129 Resp: 4586
Ion Ratio Lower Upper
129 100
127 70.0 38.9 116.7

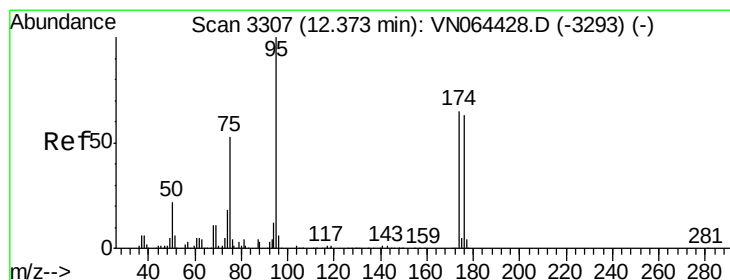
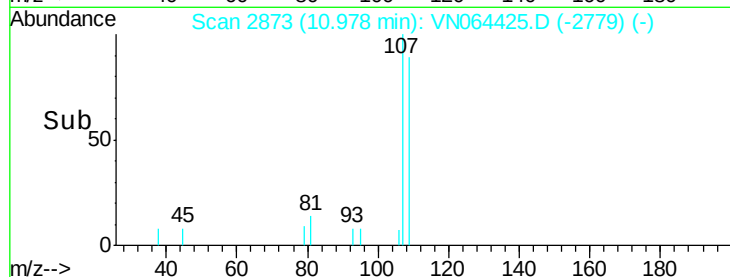
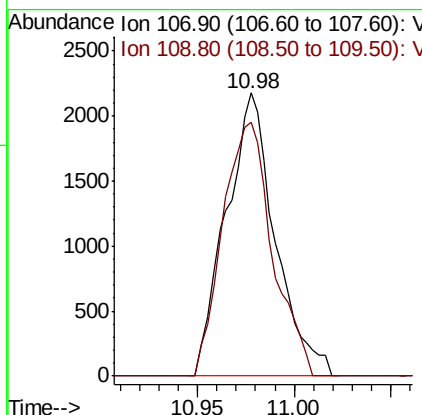
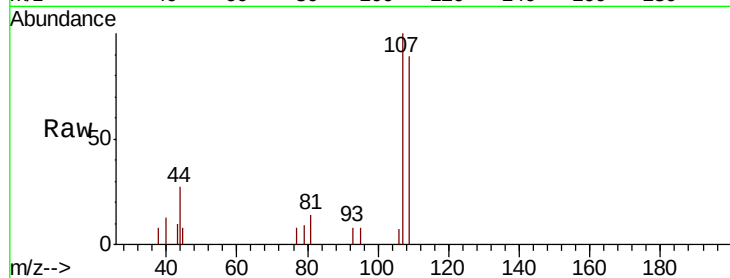




#61
 1,2-Dibromoethane
 Concen: 0.883 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

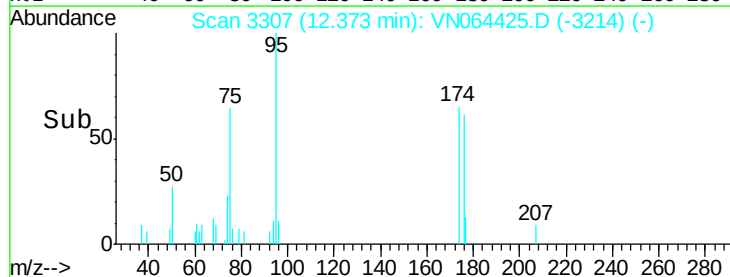
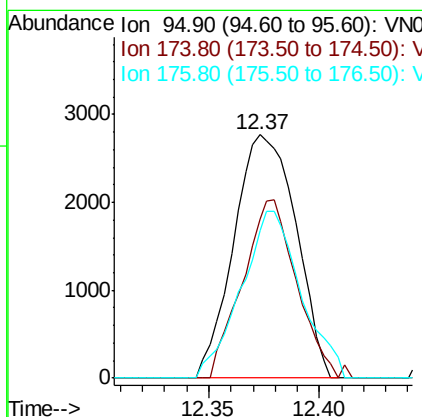
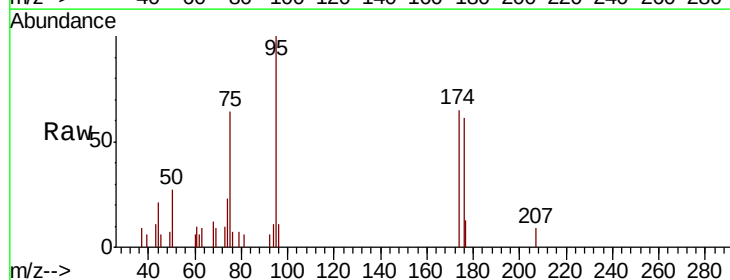
Instrument :
 MSVOA_N
 ClientSampleId :

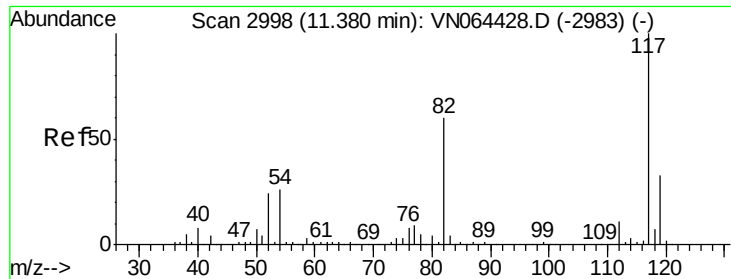
Tot Ion: 107 Resp: 3859
 Ion Ratio Lower Upper
 107 100
 109 90.5 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 0.923 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 95 Resp: 5410
 Ion Ratio Lower Upper
 95 100
 174 64.0 0.0 132.6
 176 65.9 0.0 129.2

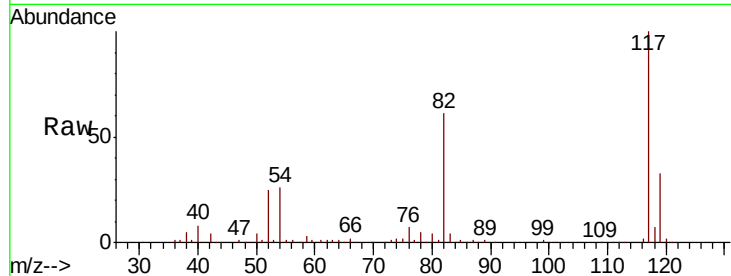




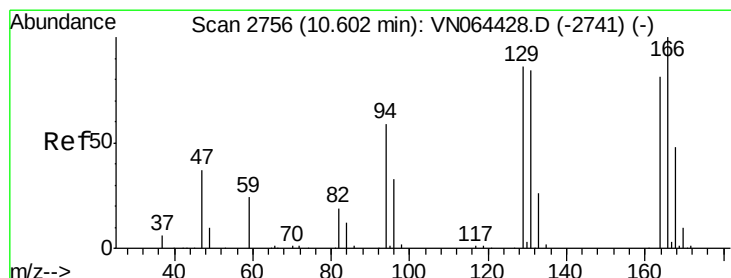
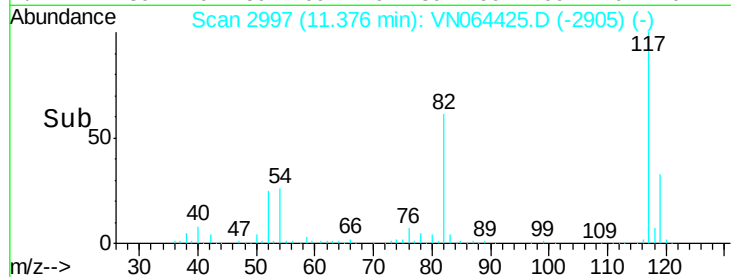
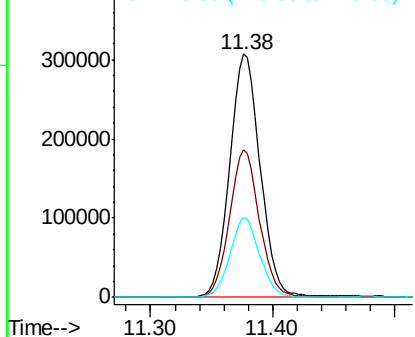
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 536270
Ion Ratio Lower Upper
117 100
82 60.7 48.1 72.1
119 33.0 26.2 39.4

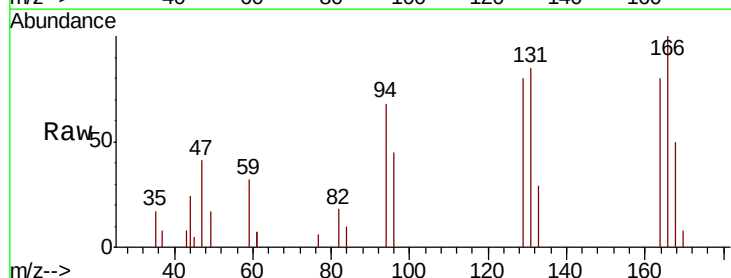


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

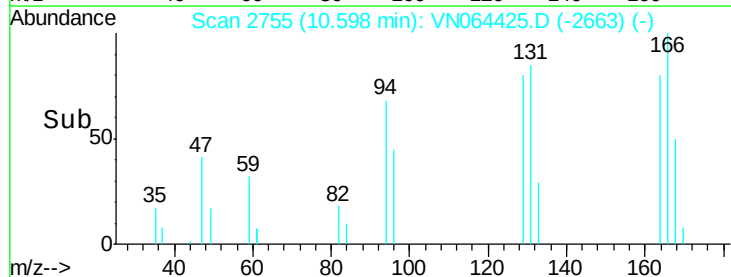
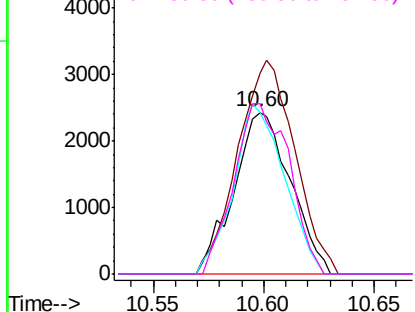


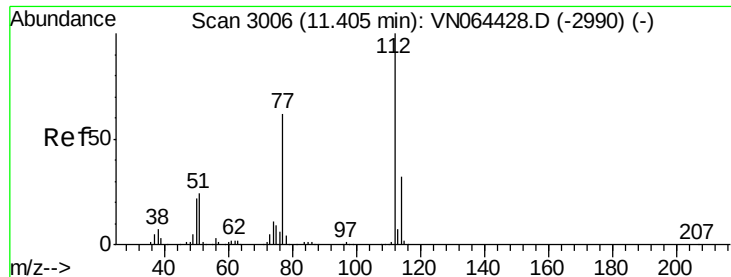
#64
Tetrachloroethene
Concen: 0.984 ug/l
RT: 10.60 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:164 Resp: 4330
Ion Ratio Lower Upper
164 100
166 124.4 98.2 147.2
129 99.7 84.6 127.0
131 105.2 82.2 123.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

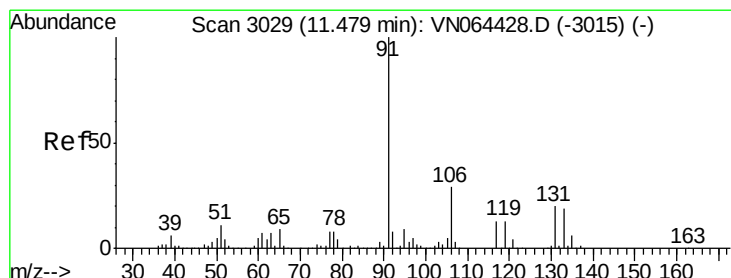
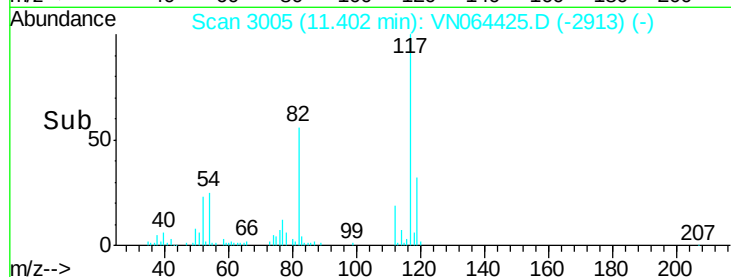
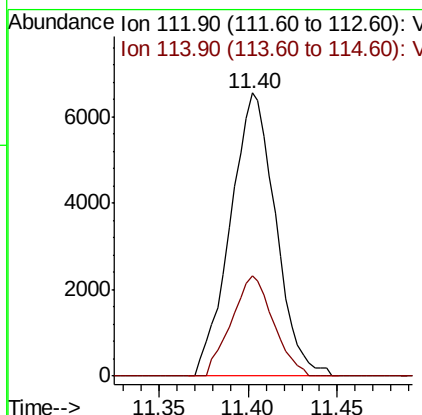
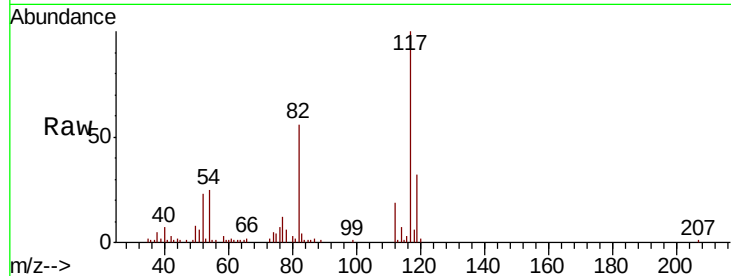




#65
Chlorobenzene
Concen: 1.044 ug/l
RT: 11.40 min Scan# 3005
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

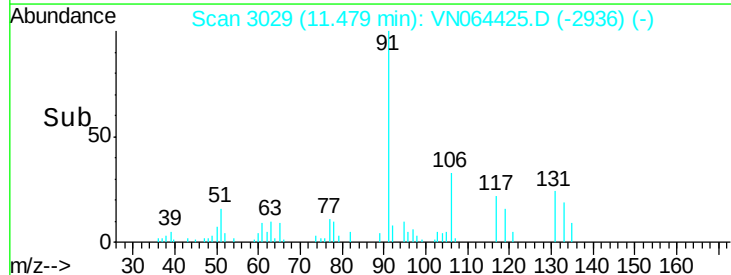
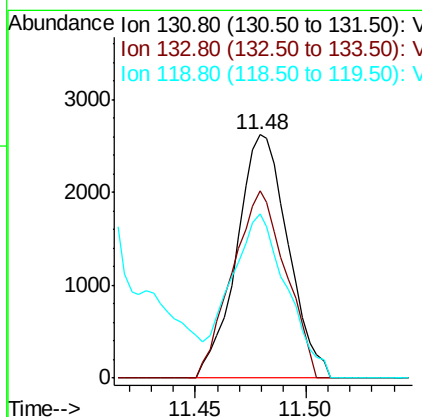
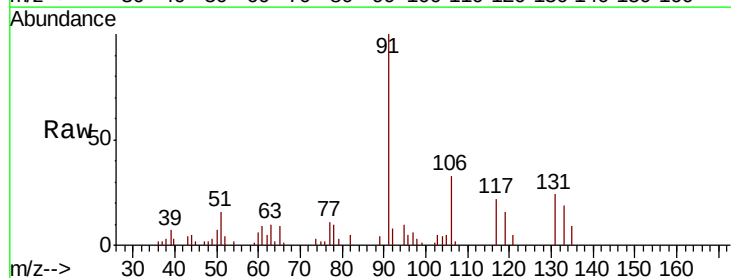
Instrument :
MSVOA_N
ClientSampleId :

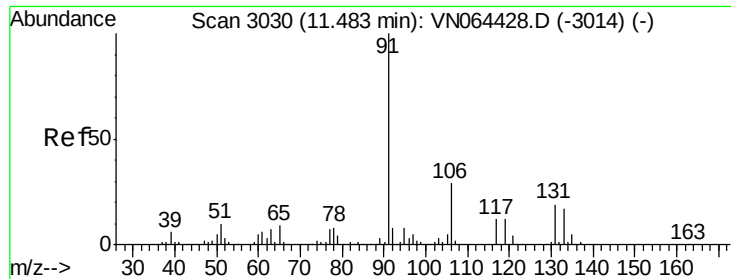
Tot Ion:112 Resp: 11577
Ion Ratio Lower Upper
112 100
114 35.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 0.951 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:131 Resp: 4219
Ion Ratio Lower Upper
131 100
133 80.0 46.9 140.7
119 0.0 32.1 96.5#

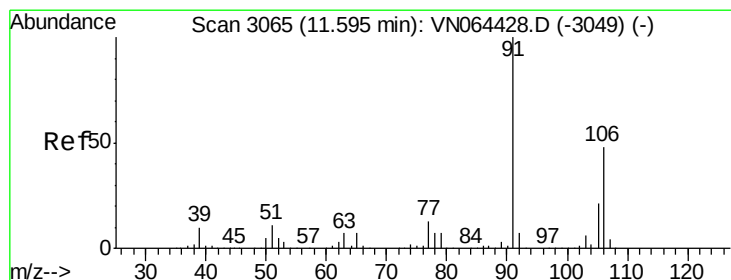
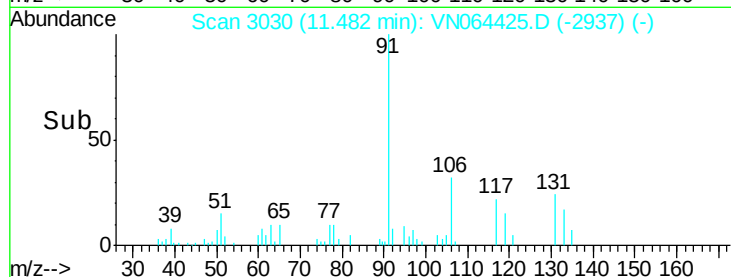
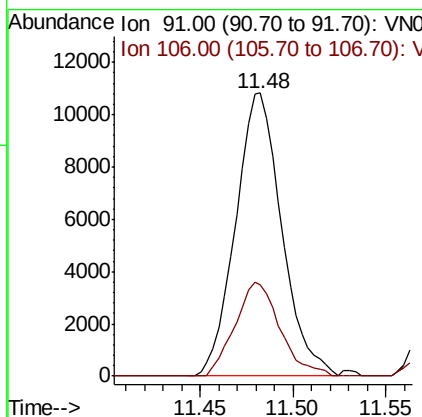
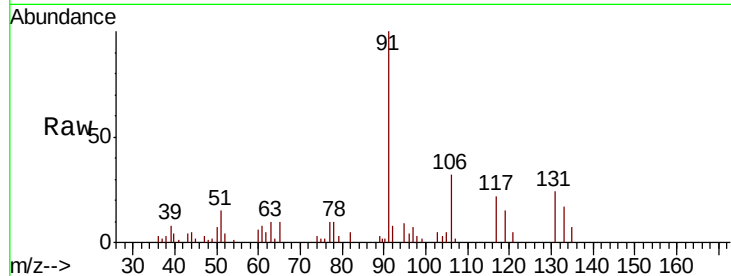




#67
Ethyl Benzene
Concen: 0.909 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

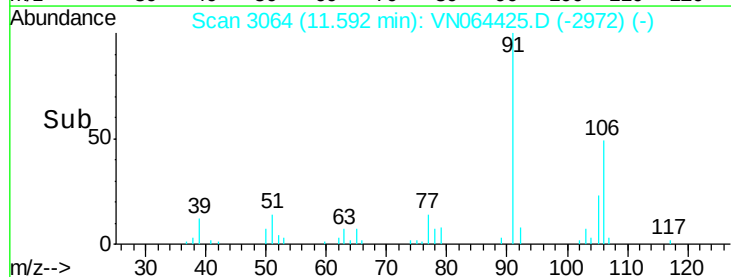
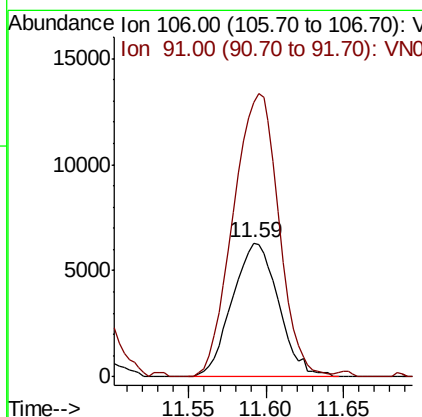
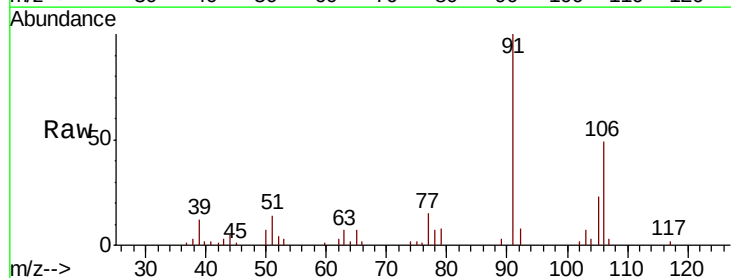
Instrument :
MSVOA_N
ClientSampled :

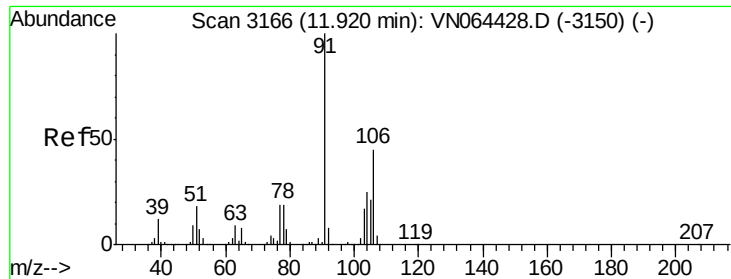
Tot Ion: 91 Resp: 18721
Ion Ratio Lower Upper
91 100
106 32.4 23.6 35.4



#68
m/p-Xylenes
Concen: 1.726 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion: 106 Resp: 13163
Ion Ratio Lower Upper
106 100
91 208.4 169.4 254.2

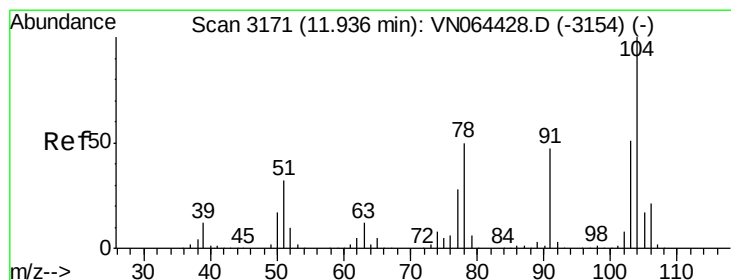
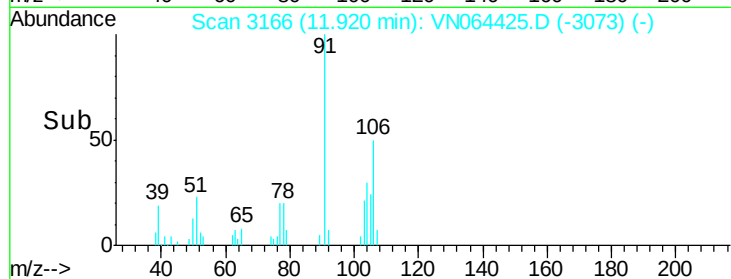
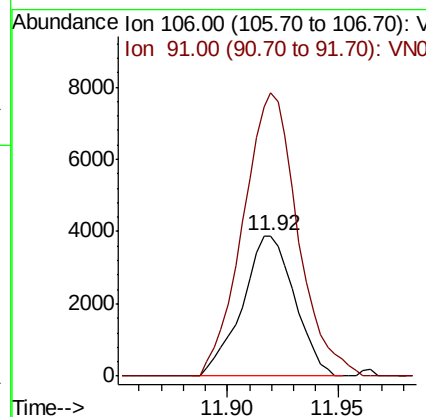
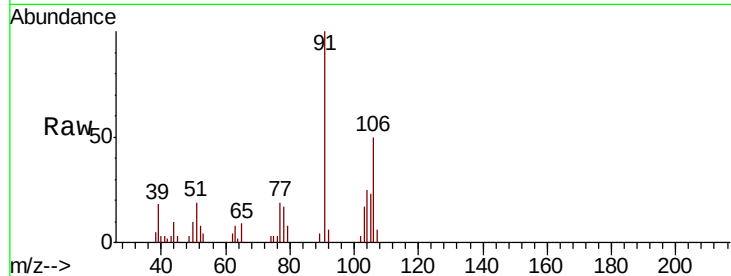




#69
o-Xylene
Concen: 0.868 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

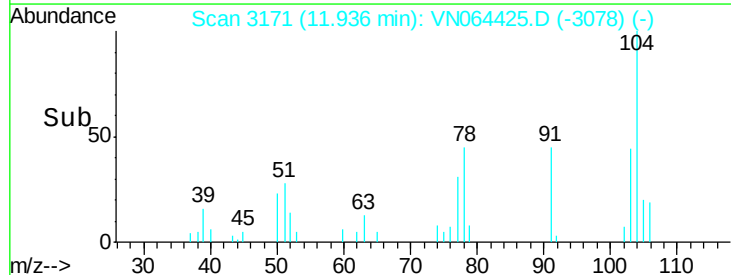
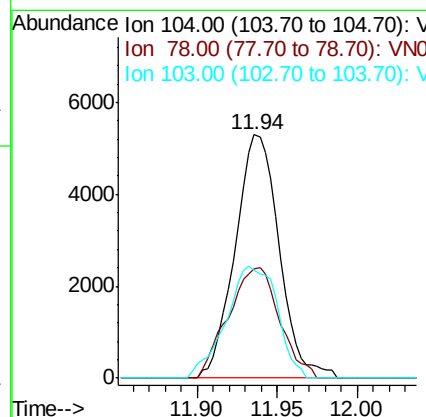
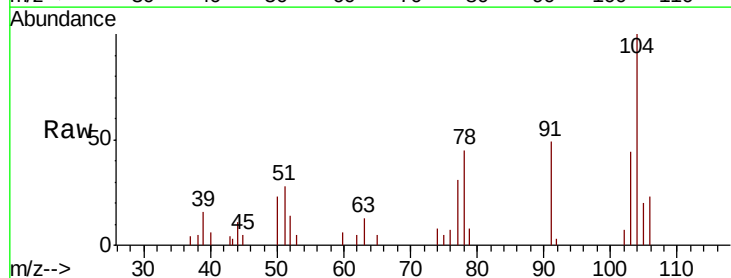
Instrument :
MSVOA_N
ClientSampled :

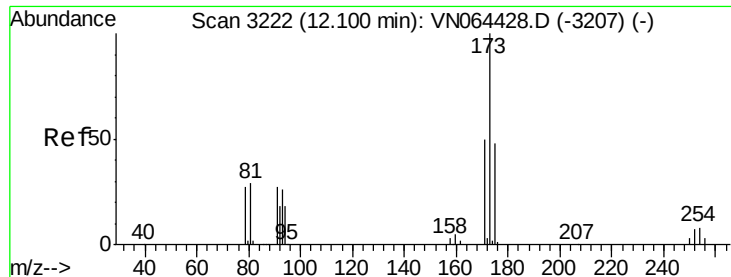
Tot Ion:106 Resp: 6383
Ion Ratio Lower Upper
106 100
91 211.8 111.7 334.9



#70
Styrene
Concen: 0.824 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:104 Resp: 9932
Ion Ratio Lower Upper
104 100
78 52.8 44.0 66.0
103 53.2 43.8 65.6





#71

Bromoform

Concen: 0.725 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampleId :

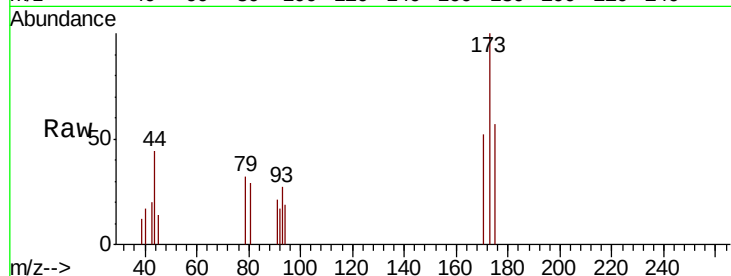
Tot Ion:173 Resp: 2475

Ion Ratio Lower Upper

173 100

175 50.5 23.7 71.1

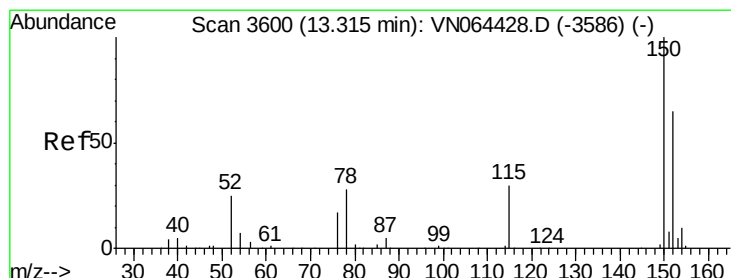
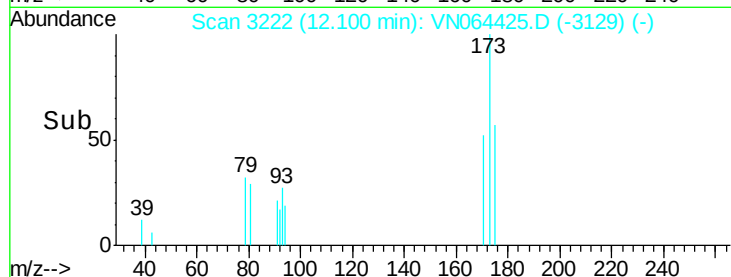
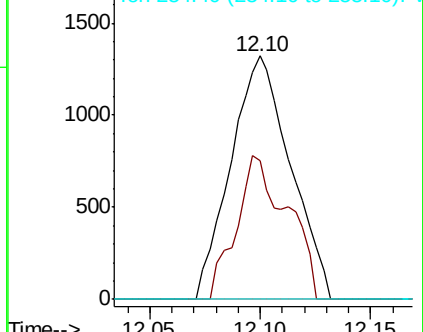
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

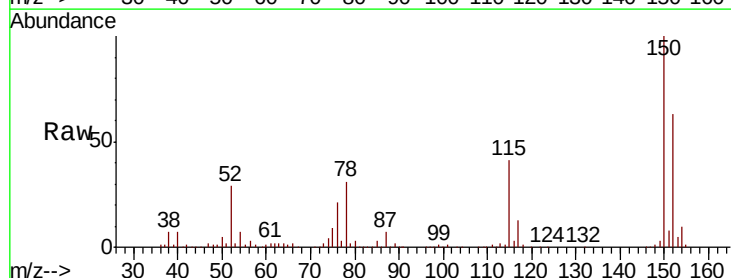
Tgt Ion:152 Resp: 198246

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.0

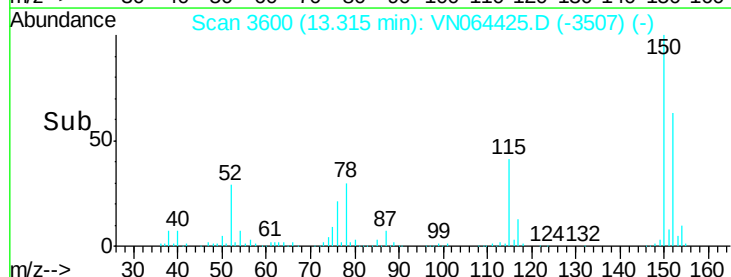
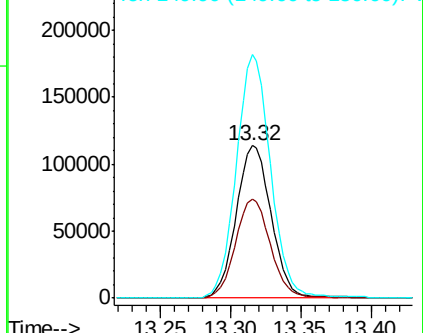
150 156.1 0.0 353.8

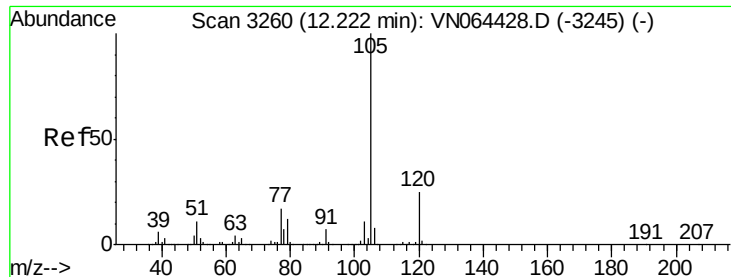


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.984 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

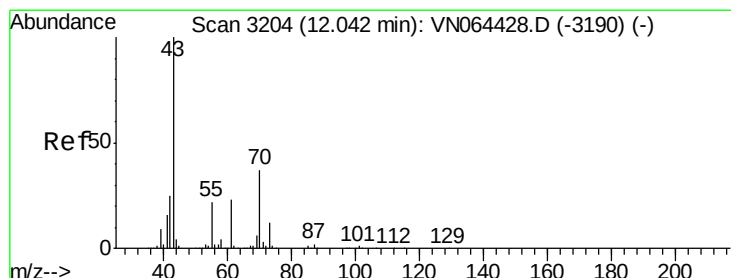
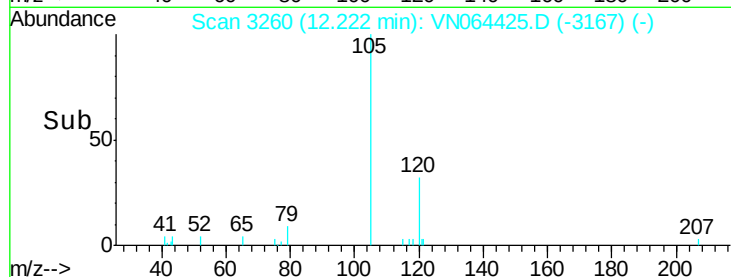
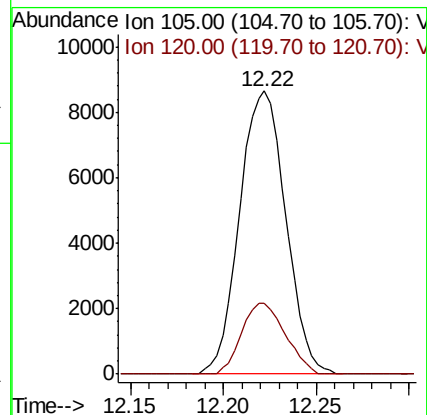
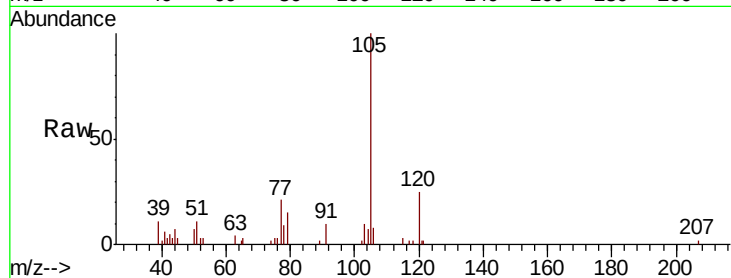
ClientSampleId :

Tot Ion:105 Resp: 14923

Ion Ratio Lower Upper

105 100

120 23.7 12.8 38.3



#74

N-ethyl acetate

Concen: 0.753 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Tgt Ion: 43 Resp: 5016

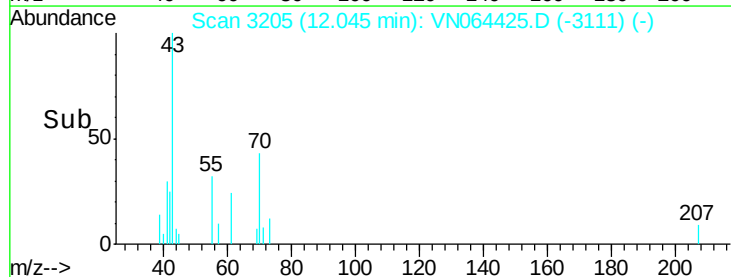
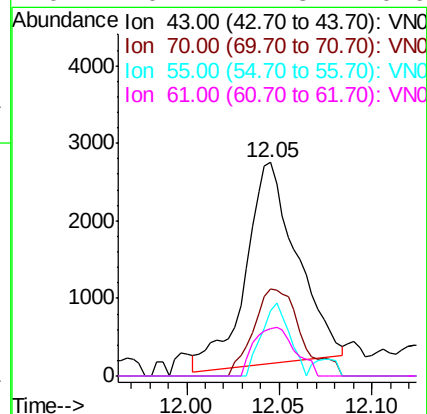
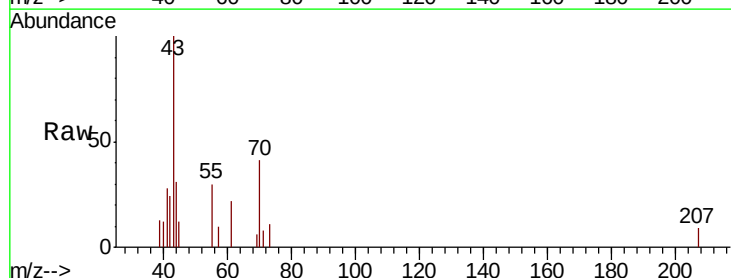
Ion Ratio Lower Upper

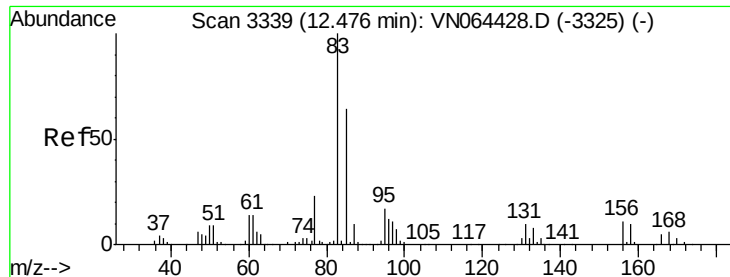
43 100

70 40.0 29.6 44.4

55 19.6 18.4 27.6

61 19.4 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.202 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

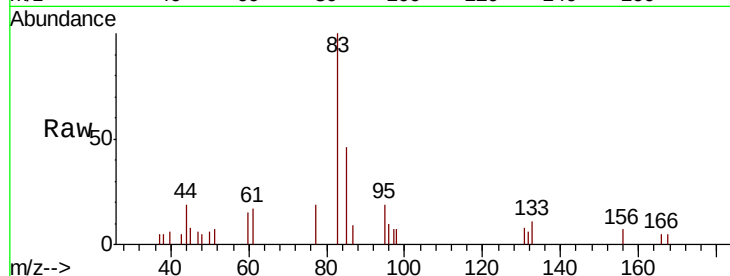
Tot Ion: 83 Resp: 5324

Ion Ratio Lower Upper

83 100

131 5.5 4.9 14.7

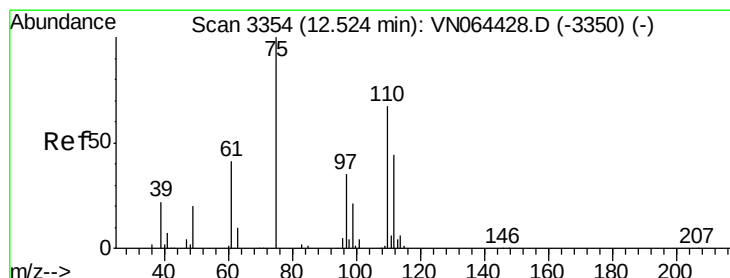
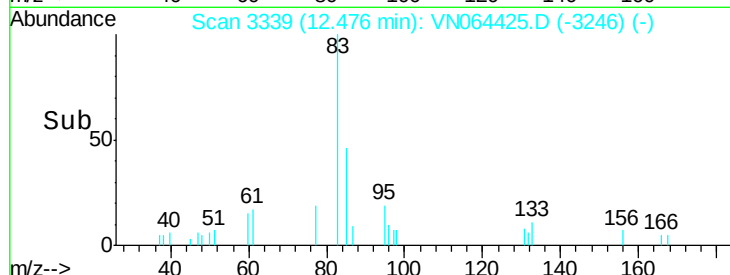
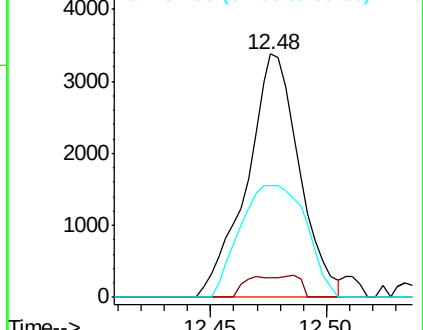
85 58.0 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 1.371 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064425.D

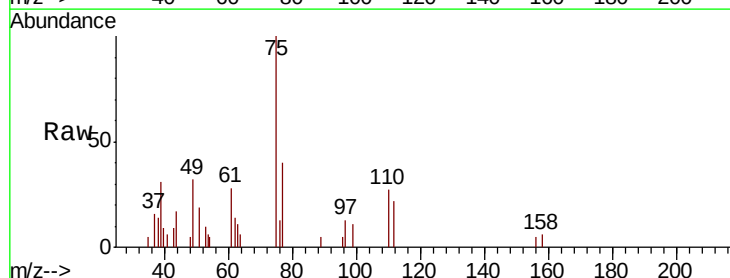
Acq: 4 Nov 2020 9:38

Tgt Ion: 75 Resp: 6514

Ion Ratio Lower Upper

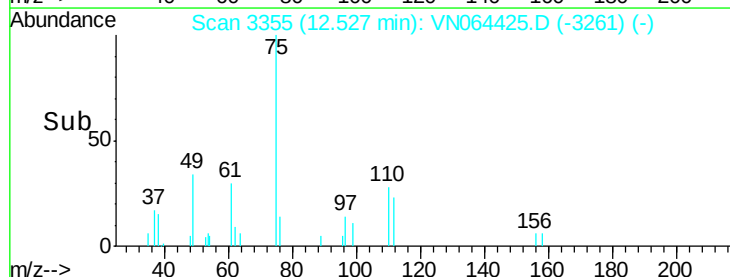
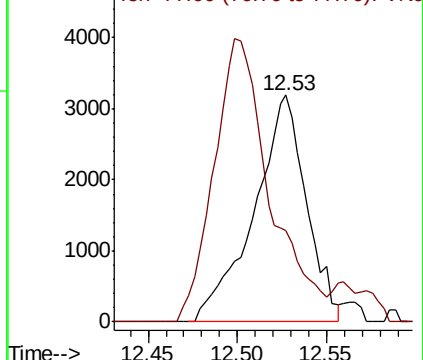
75 100

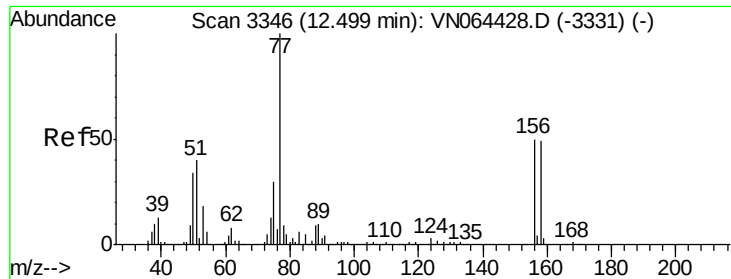
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 1.094 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

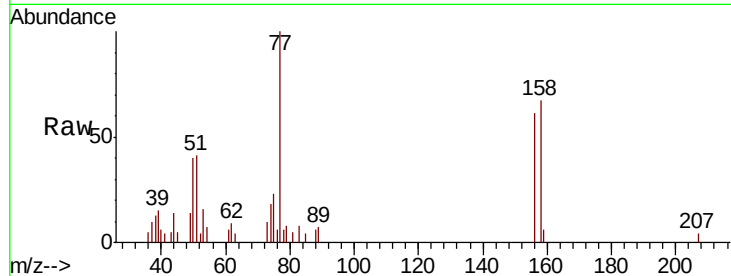
Instrument :

MSVOA_N

ClientSampled :

Tot Ion:156 Resp: 4030

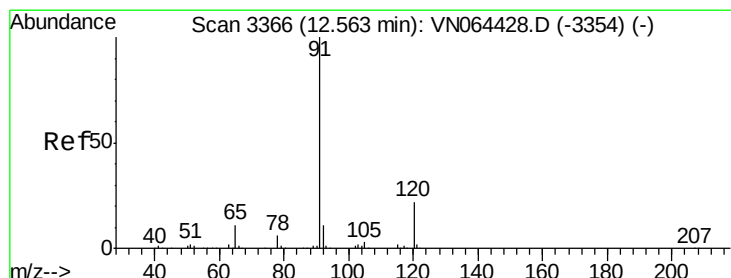
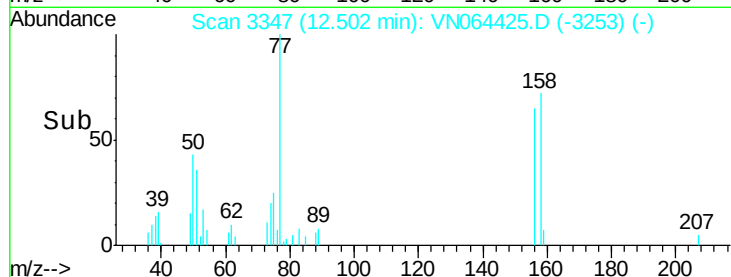
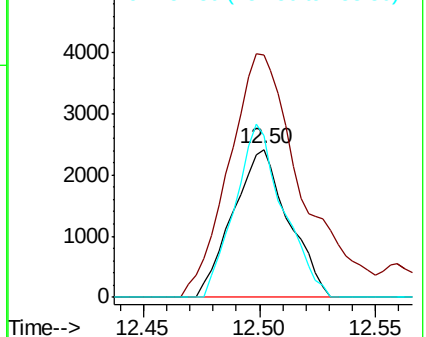
Ion	Ratio	Lower	Upper
156	100		
77	215.3	119.0	357.0
158	101.9	48.4	145.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.974 ug/l

RT: 12.57 min Scan# 3367

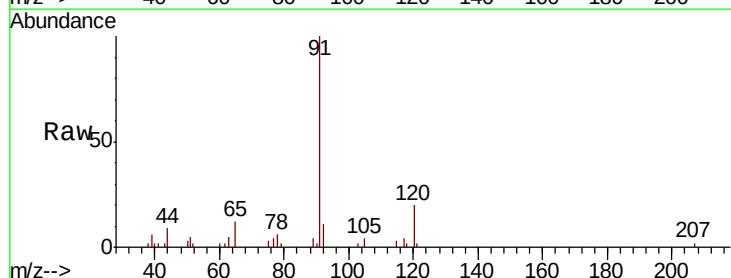
Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

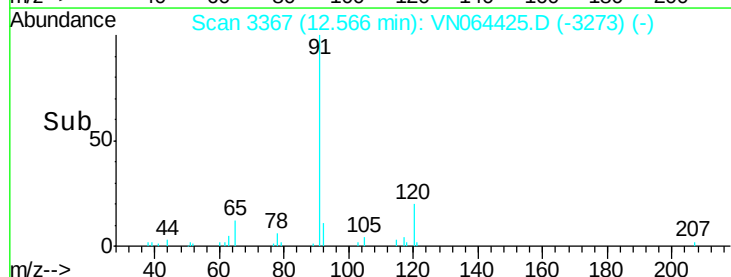
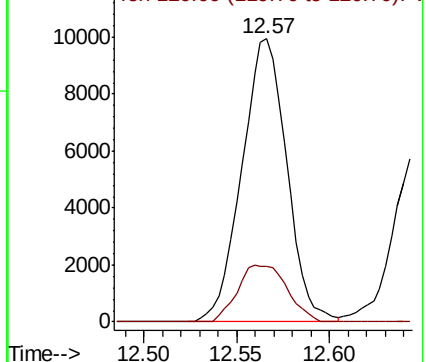
Tgt Ion: 91 Resp: 16734

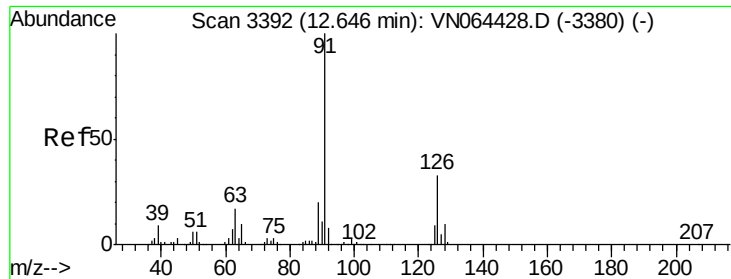
Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.0	33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.013 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

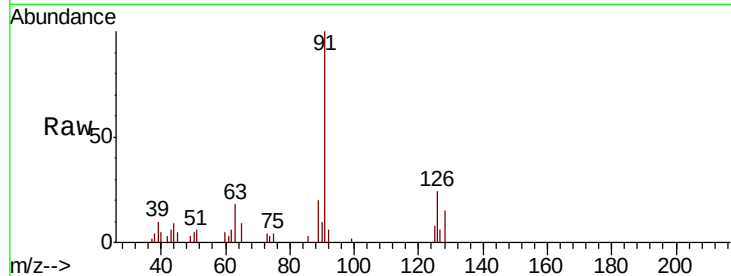
ClientSampled :

Tot Ion: 91 Resp: 11082

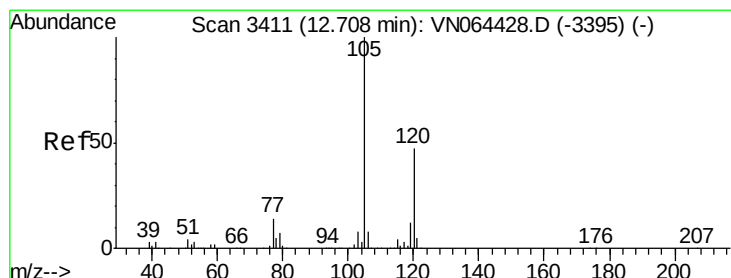
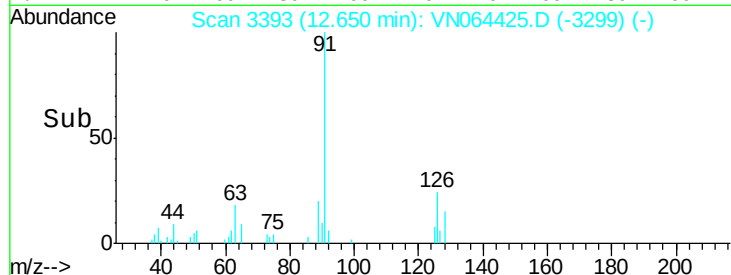
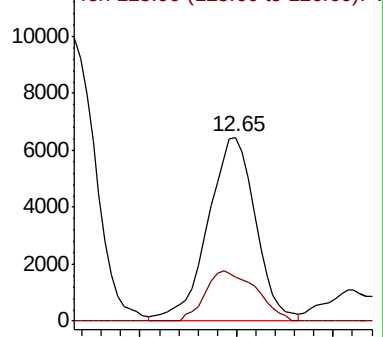
Ion Ratio Lower Upper

91 100

126 29.1 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064425.D (-3393) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.923 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064425.D

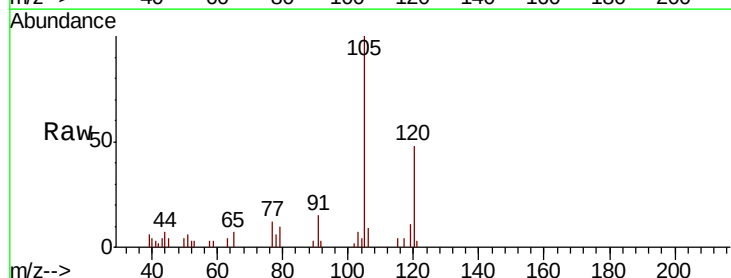
Acq: 4 Nov 2020 9:38

Tgt Ion: 105 Resp: 11796

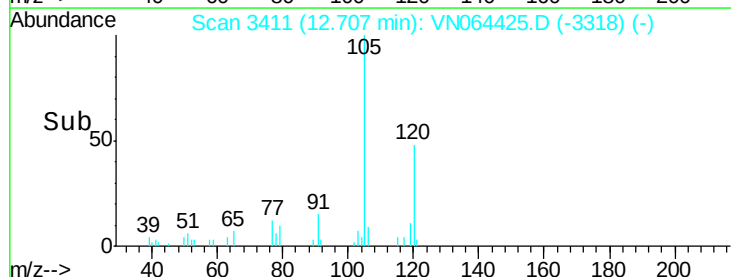
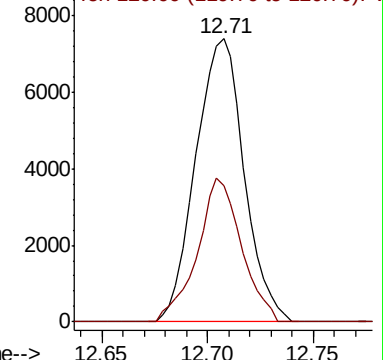
Ion Ratio Lower Upper

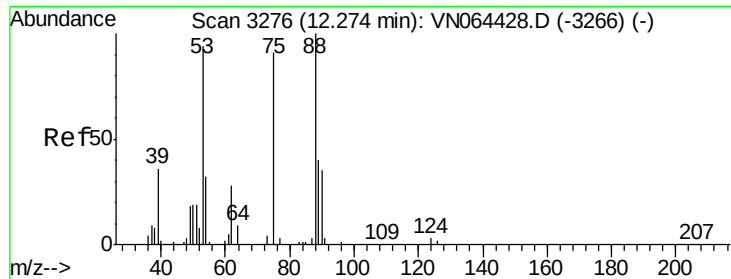
105 100

120 46.1 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064425.D (-3411) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 0.767 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

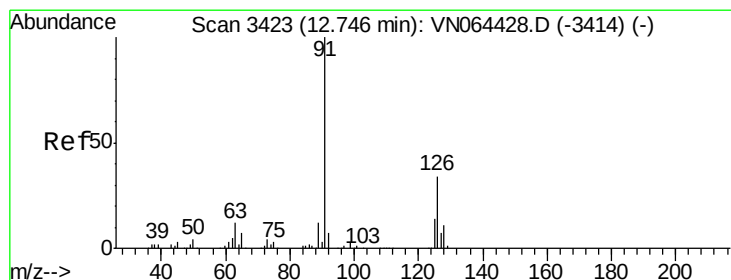
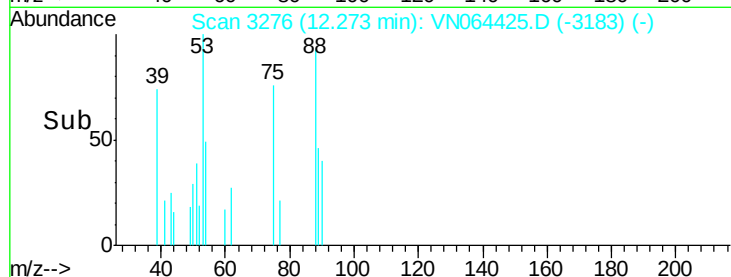
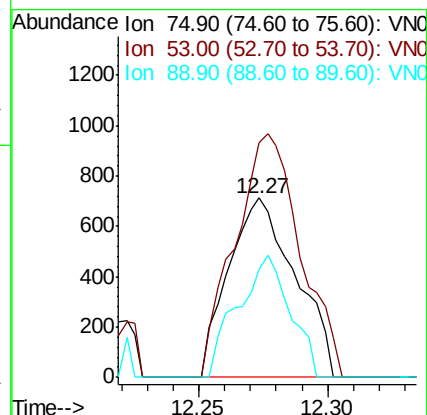
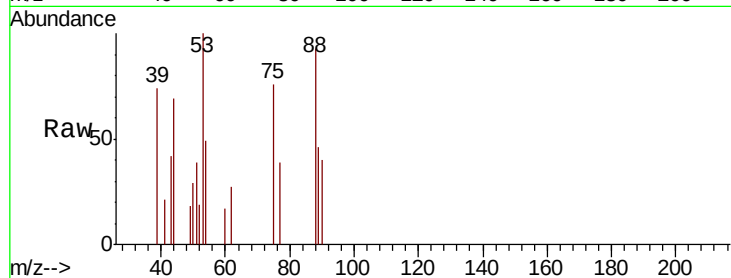
Tot Ion: 75 Resp: 1281

Ion Ratio Lower Upper

75 100

53 133.1 84.0 126.0#

89 53.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 1.000 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064425.D

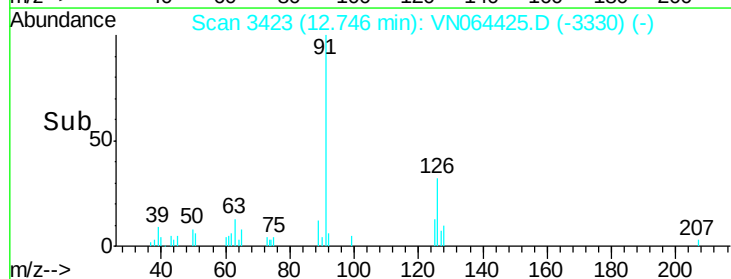
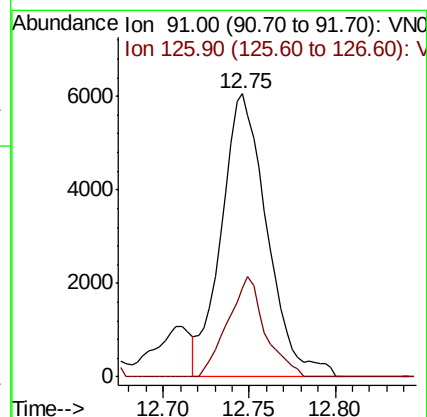
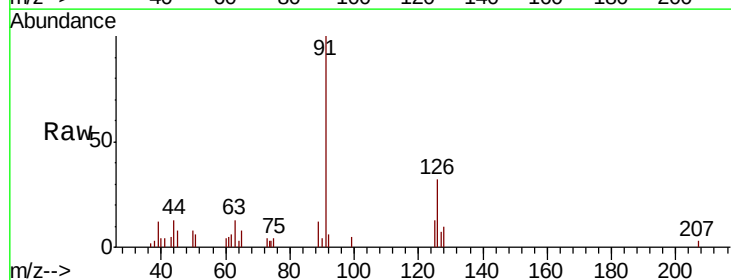
Acq: 4 Nov 2020 9:38

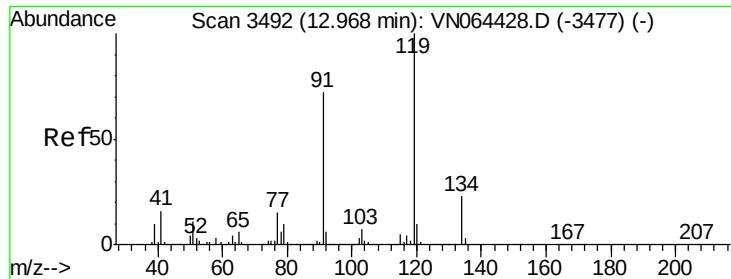
Tgt Ion: 91 Resp: 11209

Ion Ratio Lower Upper

91 100

126 29.0 15.4 46.2

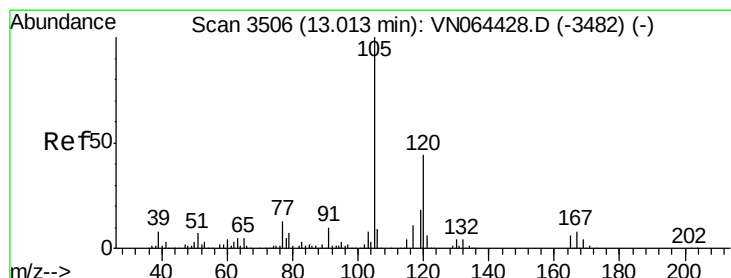
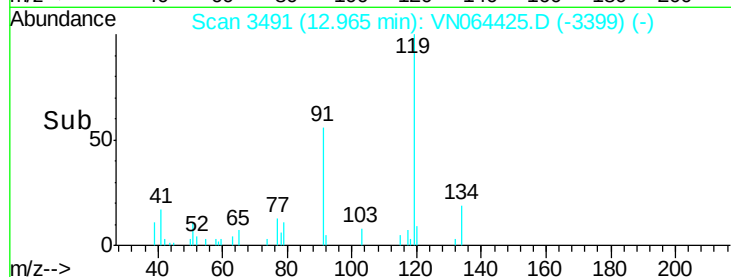
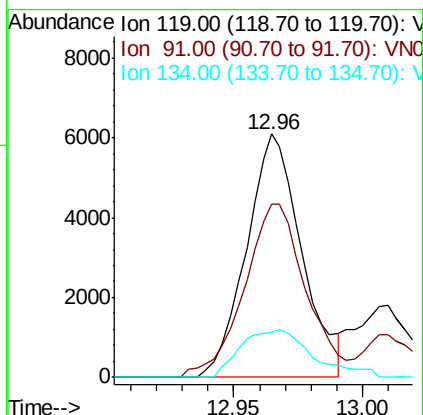
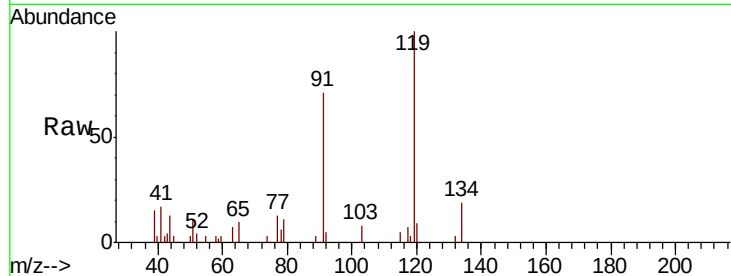




#83
tert-Butylbenzene
Concen: 0.878 ug/l
RT: 12.96 min Scan# 3491
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

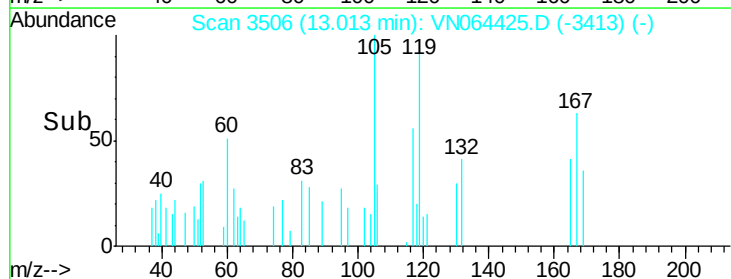
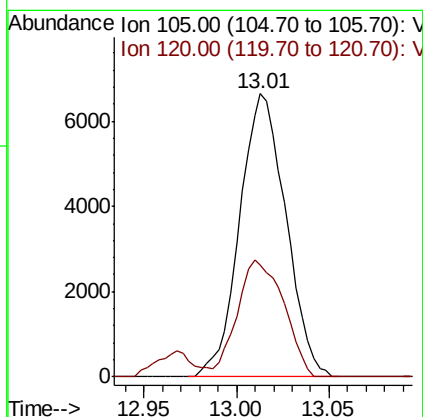
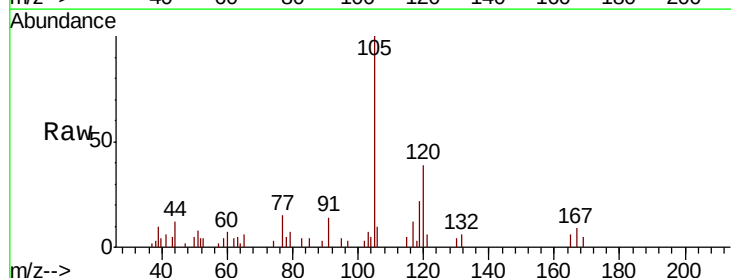
Instrument :
MSVOA_N
ClientSampled :

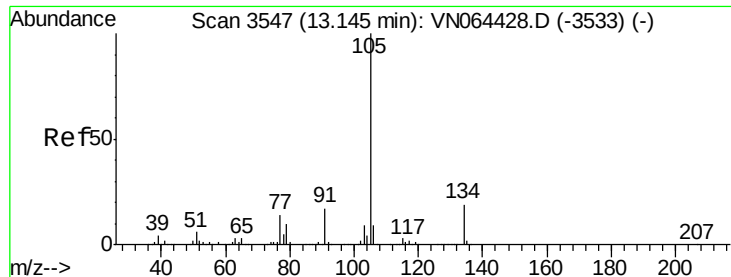
Tot Ion:119 Resp: 9119
Ion Ratio Lower Upper
119 100
91 78.8 36.1 108.3
134 25.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 0.898 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064425.D
Acq: 4 Nov 2020 9:38

Tgt Ion:105 Resp: 11481
Ion Ratio Lower Upper
105 100
120 41.3 21.9 65.7





#85

sec-Butylbenzene

Concen: 0.779 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

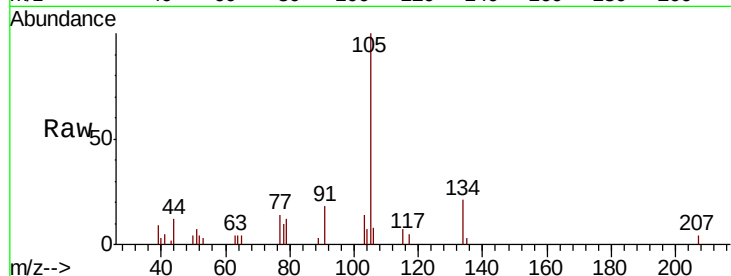
ClientSampleId :

Tot Ion:105 Resp: 10512

Ion Ratio Lower Upper

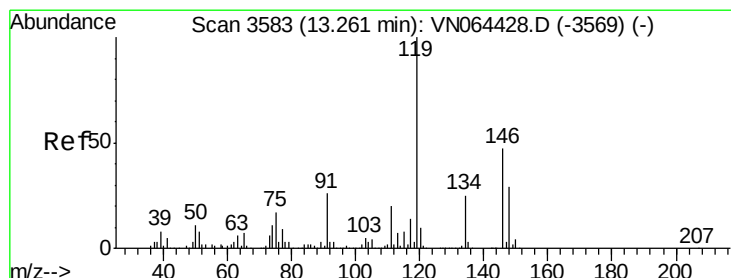
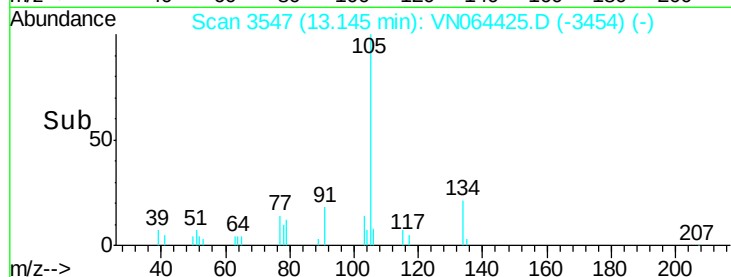
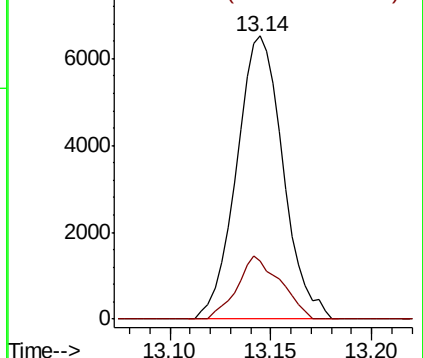
105 100

134 20.8 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.762 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

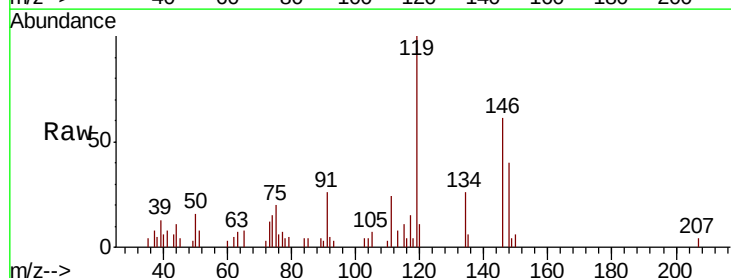
Tgt Ion:119 Resp: 9231

Ion Ratio Lower Upper

119 100

134 23.7 12.6 37.6

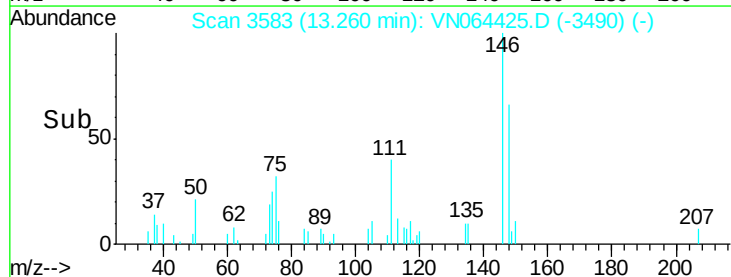
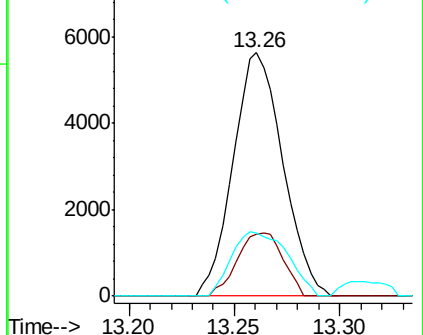
91 29.5 12.8 38.3

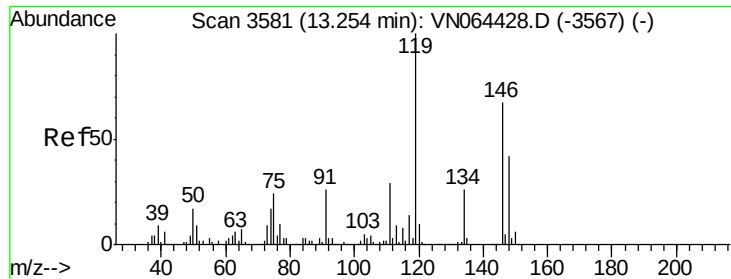


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

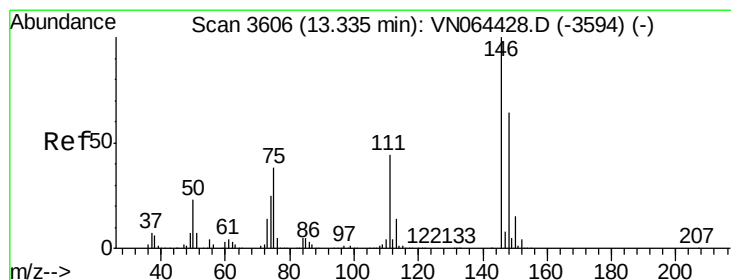
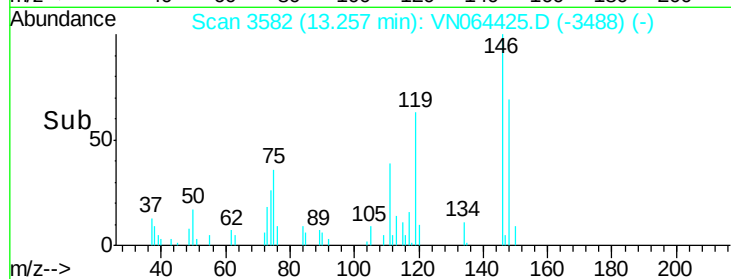
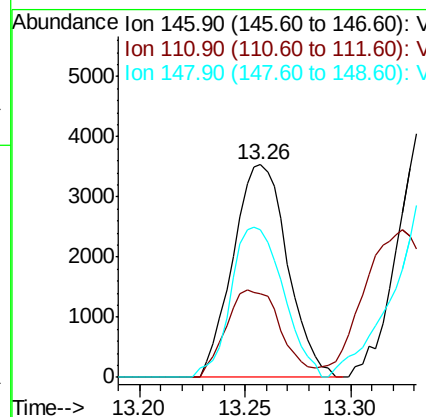
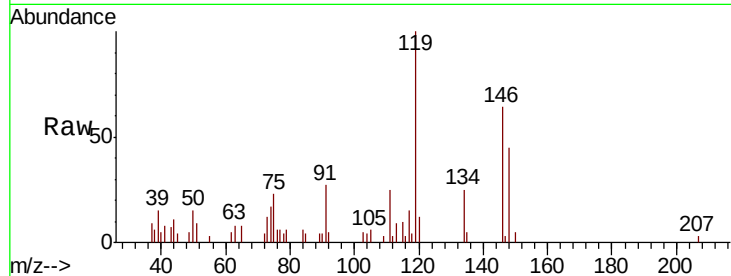




#87
 1,3-Dichlorobenzene
 Concen: 0.980 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

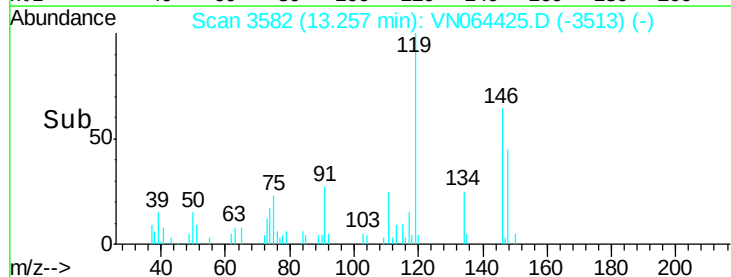
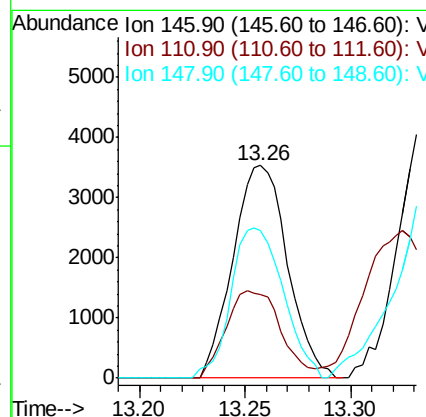
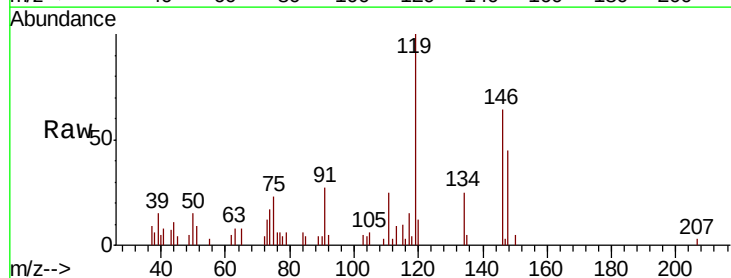
Instrument :
 MSVOA_N
 ClientSampled :

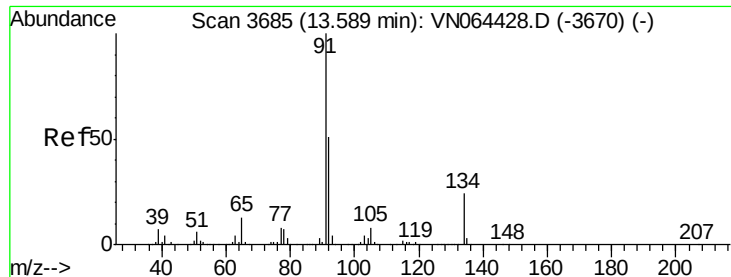
Tot Ion:146 Resp: 6343
 Ion Ratio Lower Upper
 146 100
 111 41.3 22.1 66.1
 148 68.0 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 0.962 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.08 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion:146 Resp: 6343
 Ion Ratio Lower Upper
 146 100
 111 41.3 21.8 65.3
 148 68.0 32.4 97.2





#89

n-Butylbenzene

Concen: 0.707 ug/l

RT: 13.59 min Scan# 3684

Delta R.T. -0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

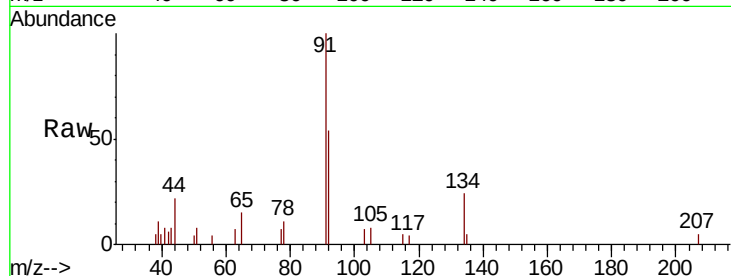
Tot Ion: 91 Resp: 7555

Ion Ratio Lower Upper

91 100

92 56.6 25.3 75.9

134 22.1 11.8 35.4

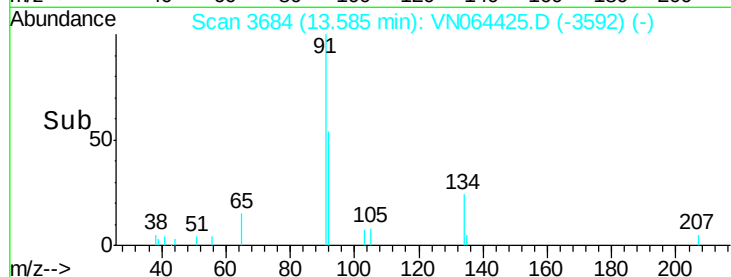


Abundance Ion 91.00 (90.70 to 91.70): VN064425.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN064425.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN064425.D (-3685) (-)

Time-->

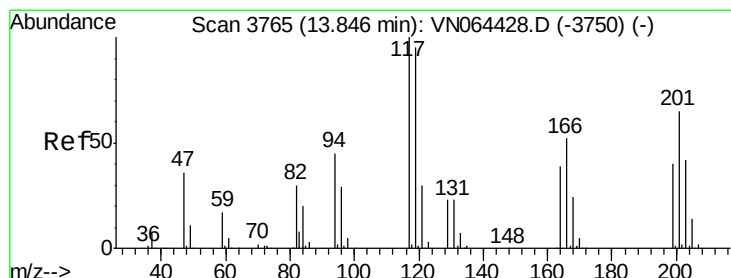


Abundance Ion 91.00 (90.70 to 91.70): VN064425.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN064425.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN064425.D (-3685) (-)

Time-->



#90

Hexachloroethane

Concen: 0.944 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064425.D

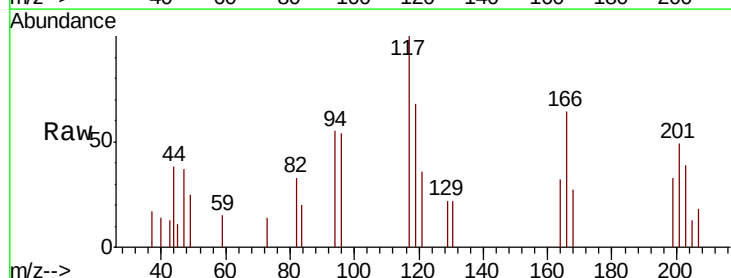
Acq: 4 Nov 2020 9:38

Tgt Ion: 117 Resp: 2134

Ion Ratio Lower Upper

117 100

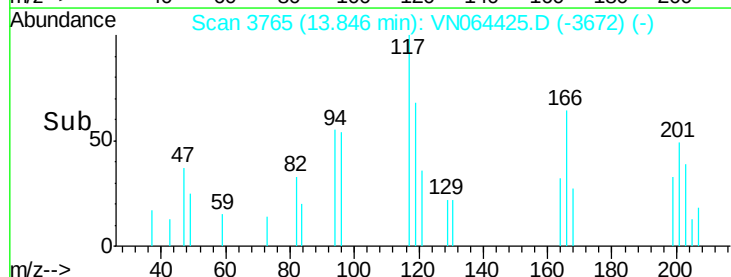
201 60.0 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064425.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN064425.D (-3765) (-)

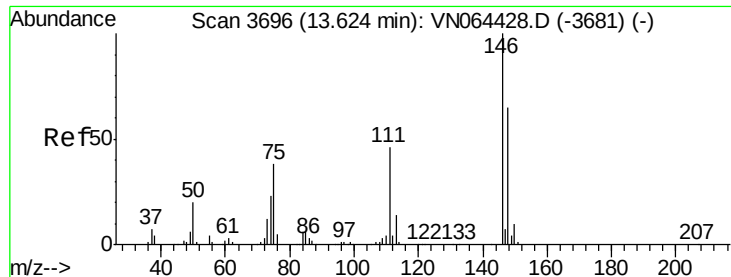
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN064425.D (-3765) (-)

Ion 200.70 (200.40 to 201.40): VN064425.D (-3765) (-)

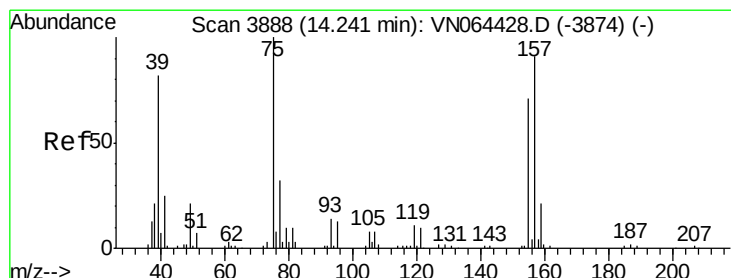
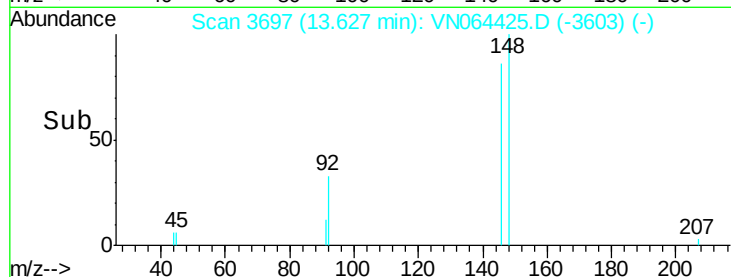
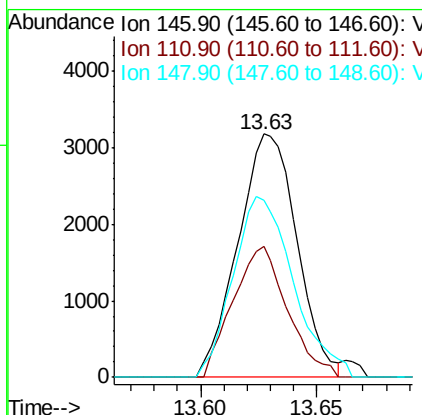
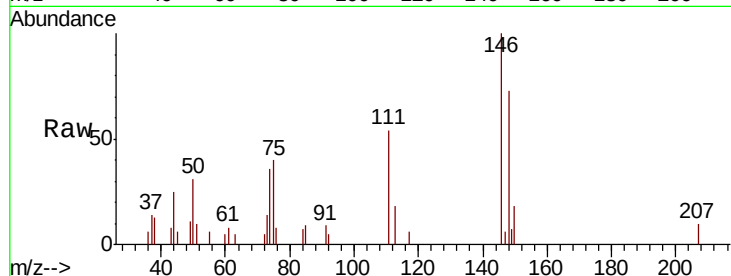
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 0.875 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

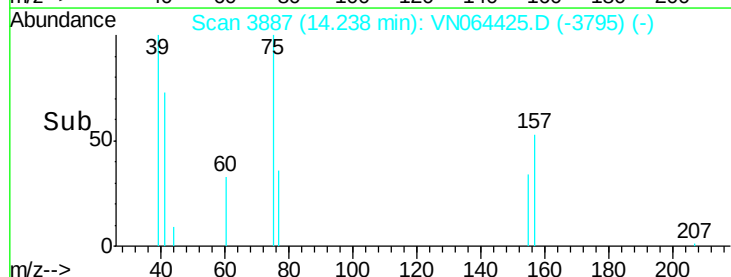
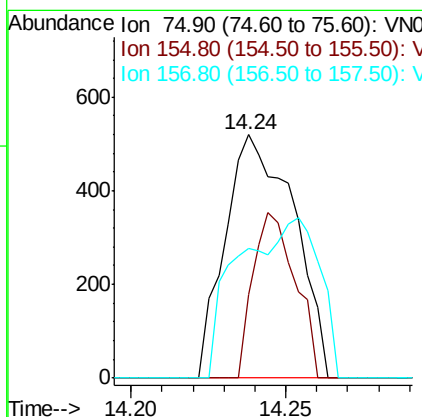
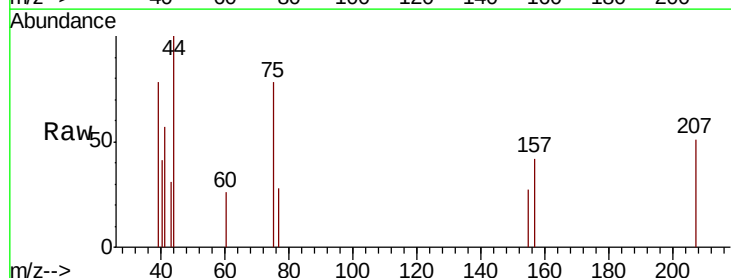
Instrument :
 MSVOA_N
 ClientSampleId :

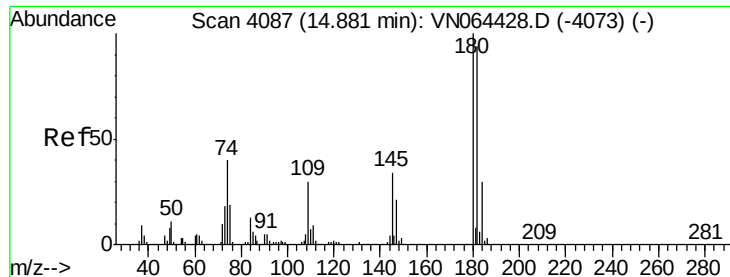
Tot Ion:146 Resp: 5632
 Ion Ratio Lower Upper
 146 100
 111 49.7 22.9 68.7
 148 76.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.756 ug/l
 RT: 14.24 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion: 75 Resp: 803
 Ion Ratio Lower Upper
 75 100
 155 42.0 34.6 103.9
 157 77.6 43.0 128.8

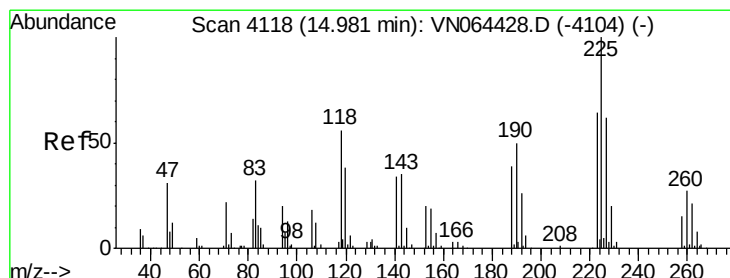
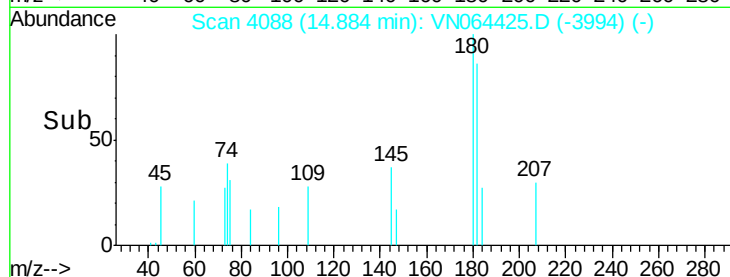
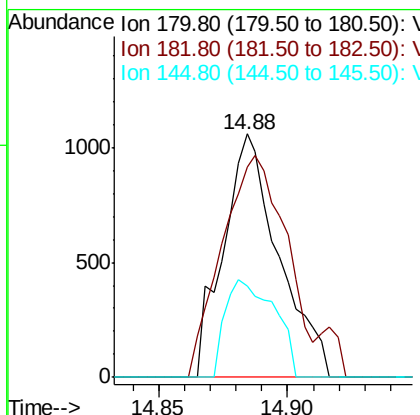
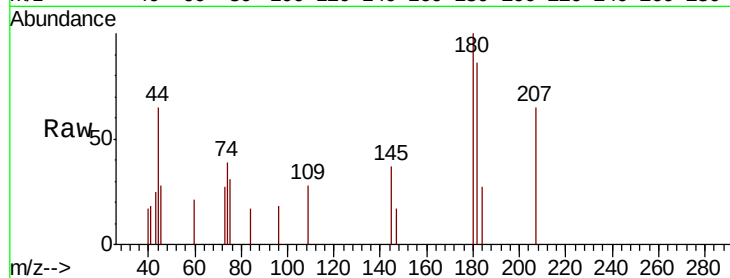




#93
 1,2,4-Trichlorobenzene
 Concen: 0.511 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

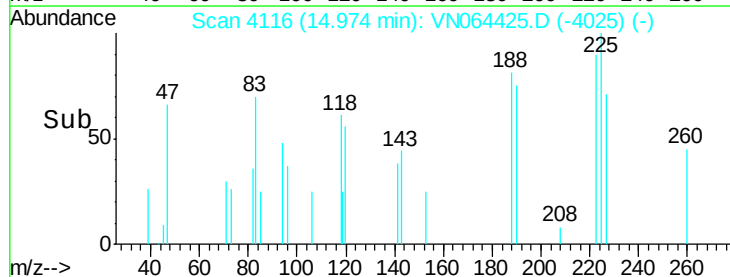
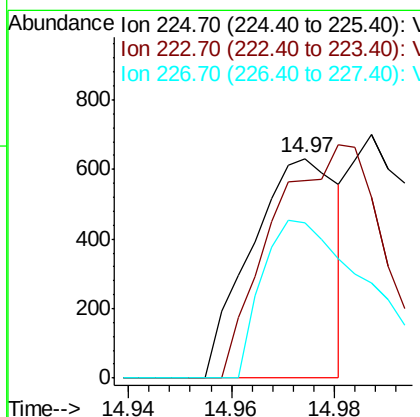
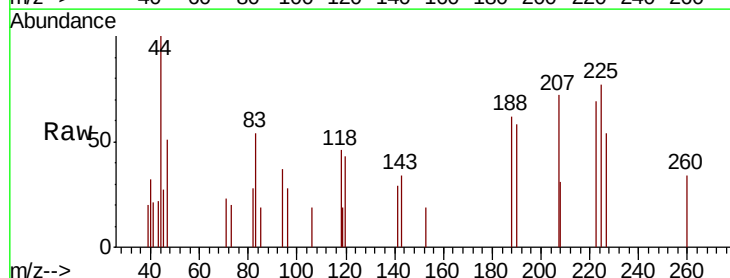
Instrument :
 MSVOA_N
 ClientSampled :

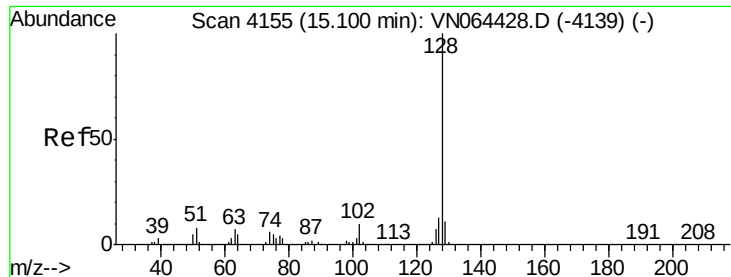
Tot Ion:180 Resp: 1580
 Ion Ratio Lower Upper
 180 100
 182 106.1 47.3 142.0
 145 35.6 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 0.391 ug/l
 RT: 14.97 min Scan# 4116
 Delta R.T. -0.01 min
 Lab File: VN064425.D
 Acq: 4 Nov 2020 9:38

Tgt Ion:225 Resp: 730
 Ion Ratio Lower Upper
 225 100
 223 136.6 31.8 95.4#
 227 84.7 31.8 95.4





#95

Naphthalene

Concen: 0.456 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

Instrument :

MSVOA_N

ClientSampled :

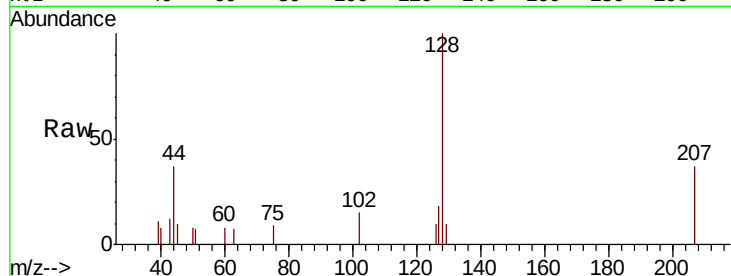
Tot Ion:128 Resp: 4424

Ion Ratio Lower Upper

128 100

127 9.2 10.5 15.7#

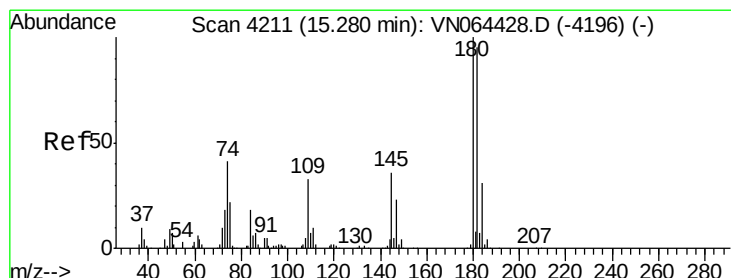
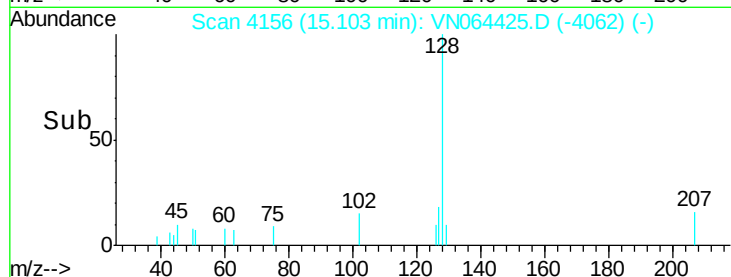
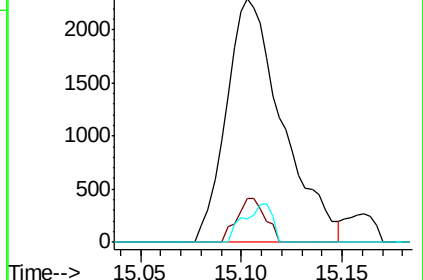
129 8.1 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.572 ug/l

RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN064425.D

Acq: 4 Nov 2020 9:38

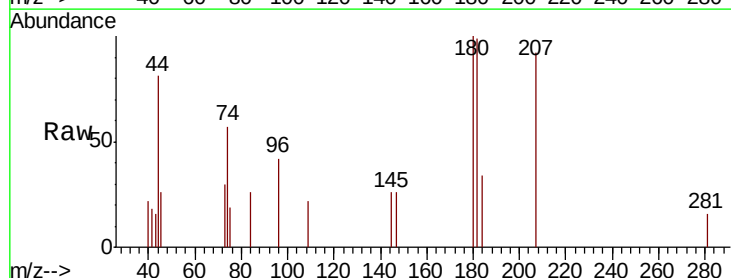
Tgt Ion:180 Resp: 1708

Ion Ratio Lower Upper

180 100

182 87.4 47.7 143.1

145 29.1 18.3 54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

