

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064427.D
 Acq On : 4 Nov 2020 10:36
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Nov 04 11:39:50 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	365472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	650850	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	600761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	264227	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	130852	21.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	43.76%	
35) Dibromofluoromethane	7.55	113	91058	20.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.94%	
50) Toluene-d8	10.06	98	338881	20.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.58%	
62) 4-Bromofluorobenzene	12.37	95	127270	20.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	93522	21.638	ug/l	99
3) Chloromethane	2.04	50	113010	23.564	ug/l	96
4) Vinyl Chloride	2.17	62	115812	24.774	ug/l	97
5) Bromomethane	2.54	94	73067	23.848	ug/l	94
6) Chloroethane	2.68	64	73739	25.856	ug/l	99
7) Trichlorofluoromethane	2.99	101	172838	22.587	ug/l	99
8) Diethyl Ether	3.38	74	59578	24.178	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	78898	20.786	ug/l	99
10) Methyl Iodide	3.91	142	93800	18.938	ug/l	99
11) Tert butyl alcohol	4.75	59	68891	82.917	ug/l	100
12) 1,1-Dichloroethene	3.69	96	76539	21.353	ug/l	94
13) Acrolein	3.57	56	40683	161.661	ug/l	93
14) Allyl chloride	4.28	41	146134	20.011	ug/l	95
15) Acrylonitrile	4.93	53	198251	105.690	ug/l	98
16) Acetone	3.78	43	257405	115.650	ug/l	100
17) Carbon Disulfide	4.01	76	229477	21.461	ug/l	98
18) Methyl Acetate	4.28	43	90830	20.308	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	278324	20.383	ug/l	100
20) Methylene Chloride	4.51	84	92457	21.604	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	89079	22.068	ug/l	95
22) Diisopropyl ether	5.90	45	318547	21.904	ug/l	100
23) Vinyl Acetate	5.85	43	1339299	110.081	ug/l	99
24) 1,1-Dichloroethane	5.80	63	176560	21.890	ug/l	99
25) 2-Butanone	6.79	43	322610	106.877	ug/l	100
26) 2,2-Dichloropropane	6.78	77	156754	20.149	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	100164	21.730	ug/l	98
28) Bromochloromethane	7.15	49	92759	24.749	ug/l	97
29) Tetrahydrofuran	7.17	42	186981	96.798	ug/l	99
30) Chloroform	7.33	83	186705	21.684	ug/l	99
31) Cyclohexane	7.61	56	145492	20.546	ug/l	93
32) 1,1,1-Trichloroethane	7.52	97	164822	20.274	ug/l	98
36) 1,1-Dichloropropene	7.75	75	133760	19.931	ug/l	99
37) Ethyl Acetate	6.88	43	130846	19.545	ug/l	99
38) Carbon Tetrachloride	7.73	117	142587	18.737	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	117677	17.979	ug/l	98
40) Benzene	8.00	78	389799	20.735	ug/l	100
41) Methacrylonitrile	7.12	41	56931	17.459	ug/l	93
42) 1,2-Dichloroethane	8.08	62	163275	20.398	ug/l	99
43) Isopropyl Acetate	8.13	43	220189	19.277	ug/l	99
44) Trichloroethene	8.80	130	99911	20.587	ug/l	96
45) 1,2-Dichloropropane	9.08	63	104957	20.815	ug/l	98
46) Dibromomethane	9.17	93	70987	20.508	ug/l	98
47) Bromodichloromethane	9.37	83	148931	19.376	ug/l #	98
48) Methyl methacrylate	9.17	41	110986	18.811	ug/l	98
49) 1,4-Dioxane	9.17	88	30243	355.757	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	653001	97.804	ug/l	100
52) Toluene	10.12	92	244639	20.657	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	159864	19.560	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	168916	20.092	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	92334	19.852	ug/l	97
56) Ethyl methacrylate	10.40	69	136110	19.414	ug/l	99
57) 1,3-Dichloropropane	10.68	76	166536	20.996	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	345267	94.653	ug/l	98
59) 2-Hexanone	10.72	43	478944	97.603	ug/l	100
60) Dibromochloromethane	10.87	129	103608	19.132	ug/l	100
61) 1,2-Dibromoethane	10.97	107	95699	20.319	ug/l	100
64) Tetrachloroethene	10.60	164	88483	17.946	ug/l	94
65) Chlorobenzene	11.41	112	257838	20.750	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	96560	19.423	ug/l	99
67) Ethyl Benzene	11.48	91	461909	20.010	ug/l	100
68) m/p-Xylenes	11.60	106	333798	39.080	ug/l	97
69) o-Xylene	11.92	106	159867	19.407	ug/l	97
70) Styrene	11.94	104	269980	19.996	ug/l	99
71) Bromoform	12.10	173	63681	16.660	ug/l #	97
73) Isopropylbenzene	12.22	105	413679	20.457	ug/l	100
74) N-amyl acetate	12.04	43	184483	20.780	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	127453	21.585	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	179888	28.402	ug/l #	100
77) Bromobenzene	12.50	156	98833	20.136	ug/l	100
78) n-propylbenzene	12.56	91	471072	20.581	ug/l	99
79) 2-Chlorotoluene	12.65	91	302965	20.784	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	343810	20.188	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	42140	18.922	ug/l	93
82) 4-Chlorotoluene	12.75	91	316542	21.183	ug/l	100
83) tert-Butylbenzene	12.97	119	272310	19.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	350765	20.585	ug/l	98
85) sec-Butylbenzene	13.14	105	346228	19.261	ug/l	100
86) p-Isopropyltoluene	13.26	119	310604	19.235	ug/l	98
87) 1,3-Dichlorobenzene	13.25	146	171990	19.937	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	174819	19.895	ug/l	96
89) n-Butylbenzene	13.59	91	262491	18.430	ug/l	99
90) Hexachloroethane	13.85	117	55701	18.479	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	168854	19.680	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	25511	18.032	ug/l	97

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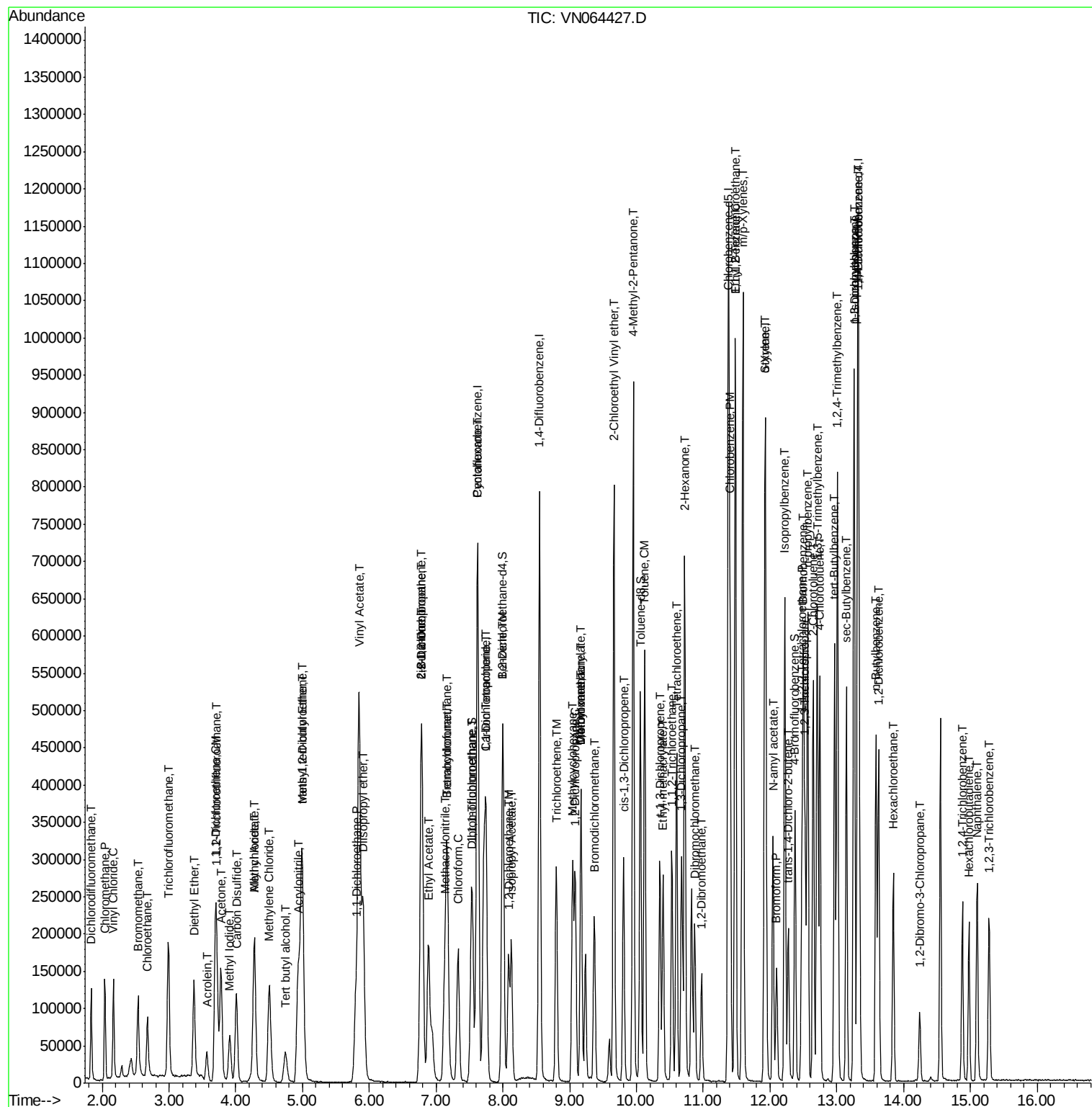
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	69421	16.833	ug/l	99
94) Hexachlorobutadiene	14.98	225	34458	13.838	ug/l	97
95) Naphthalene	15.10	128	220969	17.103	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	67594	16.970	ug/l	99

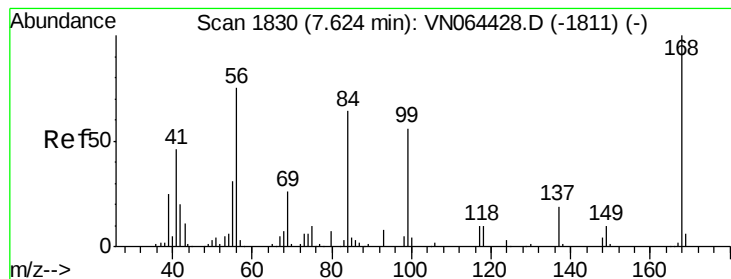
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

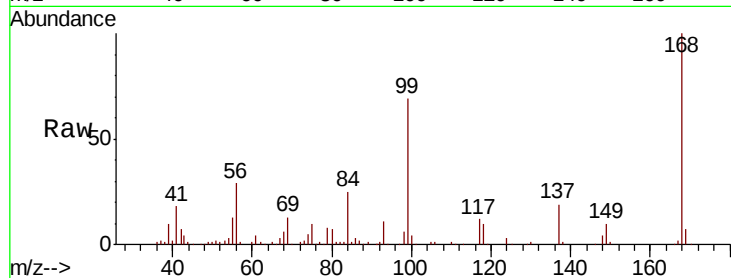
VSTDIC020

Tot Ion:168 Resp: 365472

Ion Ratio Lower Upper

168 100

99 68.3 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): VN064427.D (-1737) (-)

Ion 98.90 (98.60 to 99.60): VN064427.D (-1737) (-)

7.62

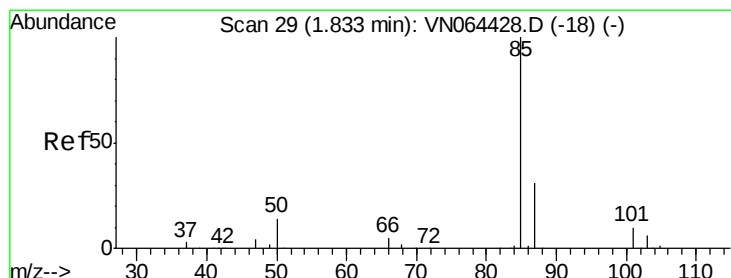
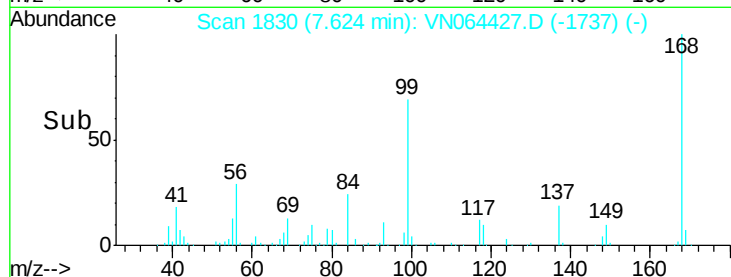
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 21.638 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064427.D

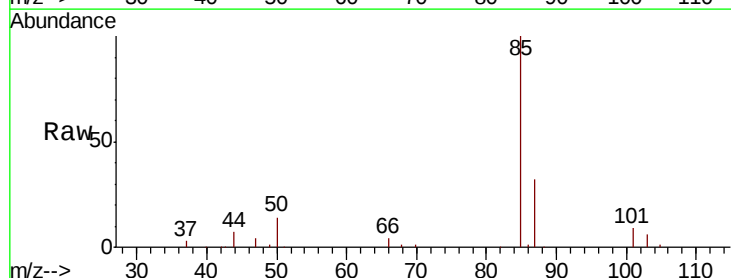
Acq: 4 Nov 2020 10:36

Tgt Ion: 85 Resp: 93522

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VN064427.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN064427.D (-1) (-)

1.83

80000

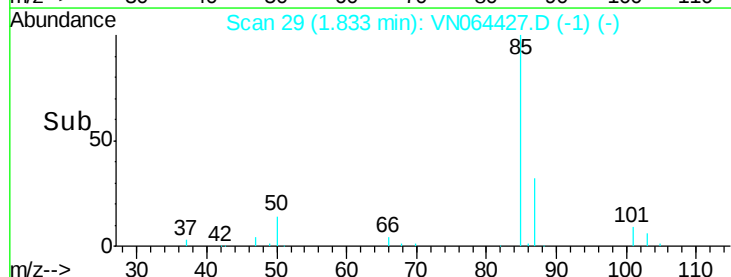
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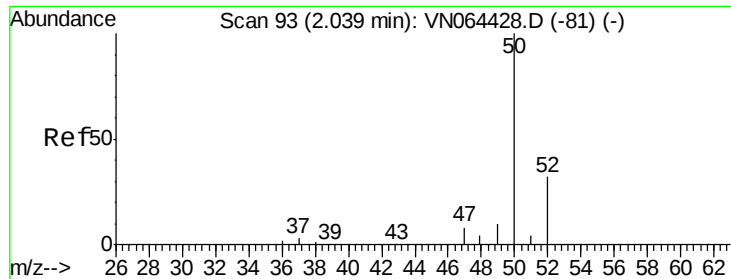
40000

20000

0

Time-->





#3

Chloromethane

Concen: 23.564 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

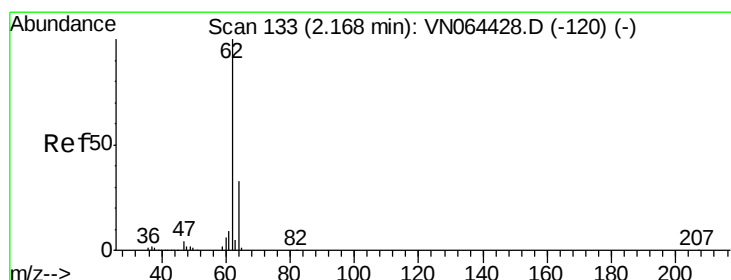
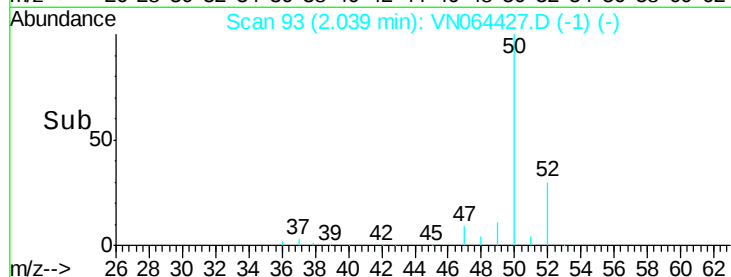
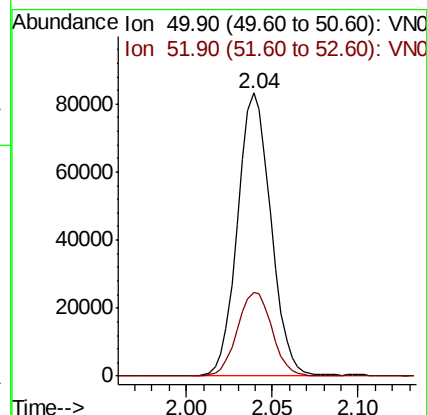
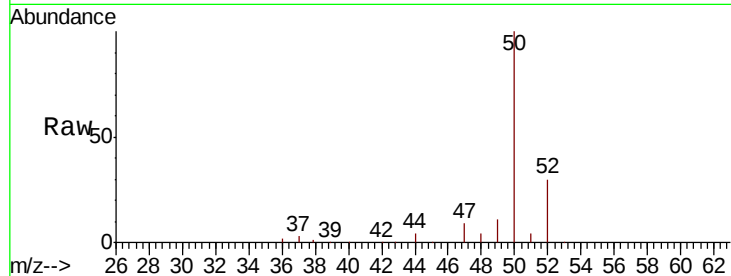
VSTDIC020

Tot Ion: 50 Resp: 113010

Ion Ratio Lower Upper

50 100

52 29.6 25.3 37.9



#4

Vinyl Chloride

Concen: 24.774 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064427.D

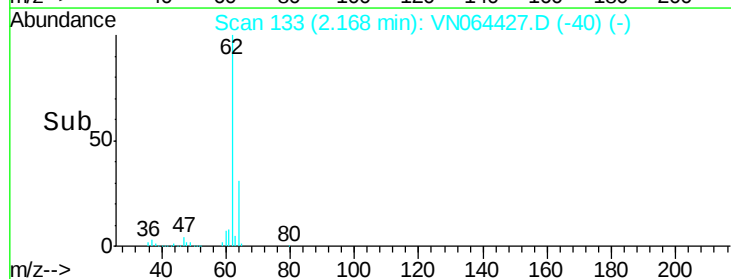
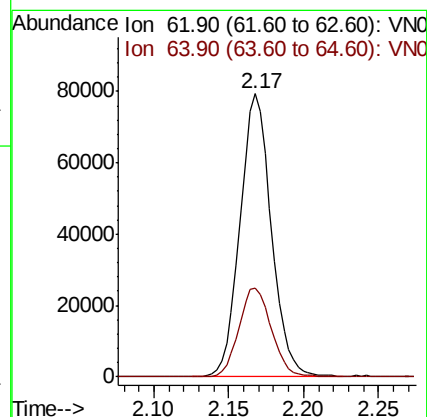
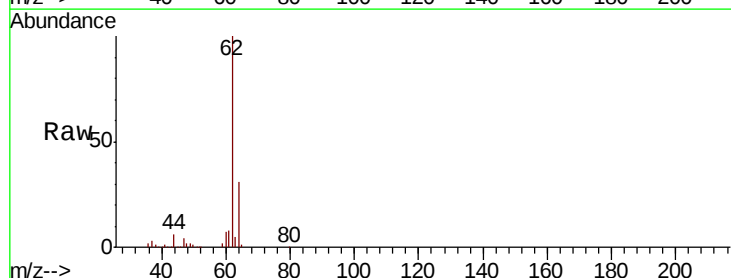
Acq: 4 Nov 2020 10:36

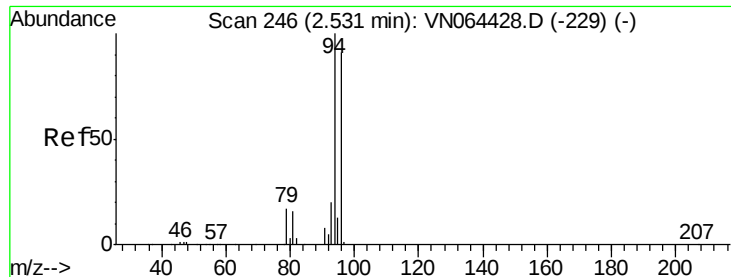
Tgt Ion: 62 Resp: 115812

Ion Ratio Lower Upper

62 100

64 31.4 26.3 39.5





#5

Bromomethane

Concen: 23.848 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

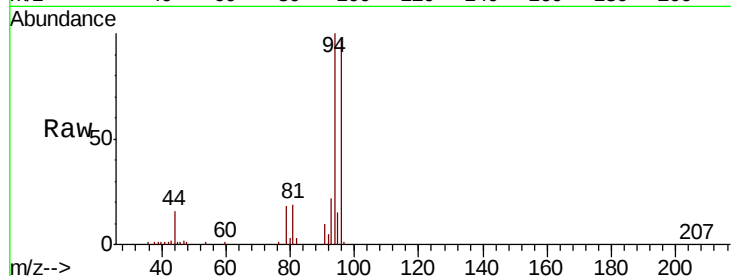
VSTDIC020

Tot Ion: 94 Resp: 73067

Ion Ratio Lower Upper

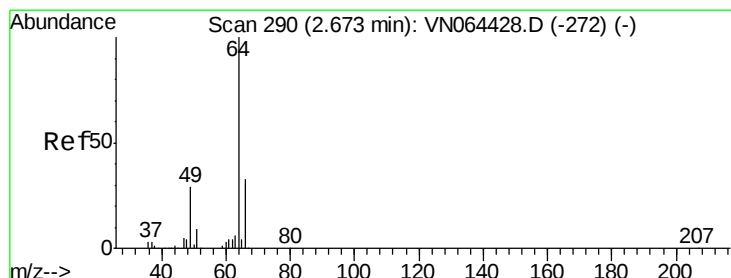
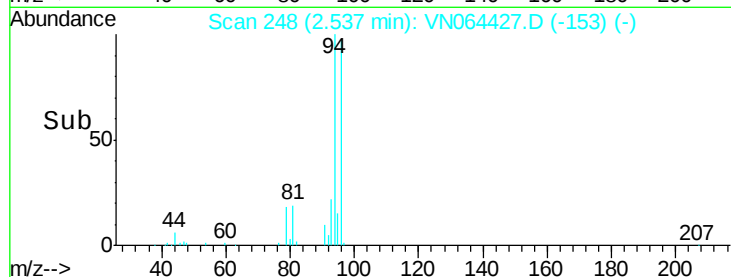
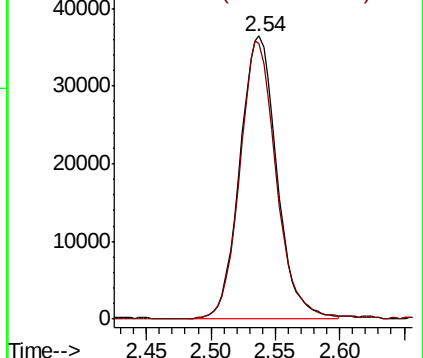
94 100

96 97.4 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 25.856 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064427.D

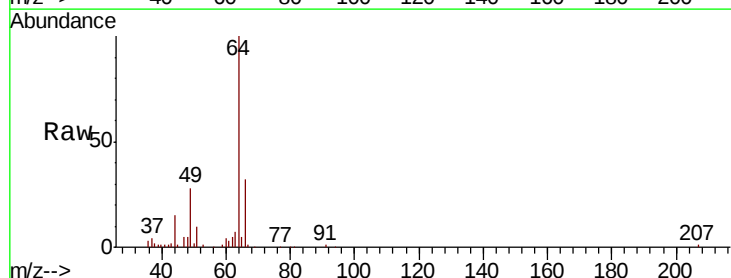
Acq: 4 Nov 2020 10:36

Tgt Ion: 64 Resp: 73739

Ion Ratio Lower Upper

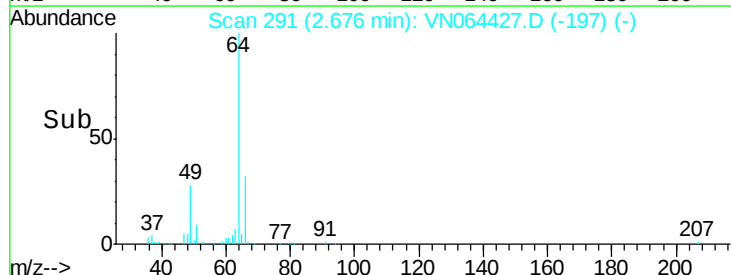
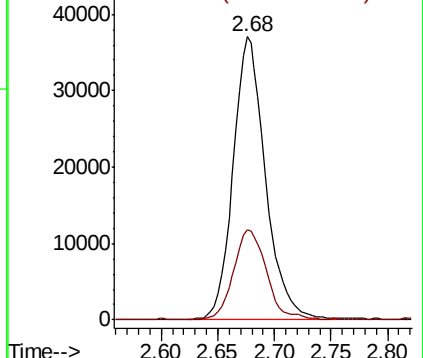
64 100

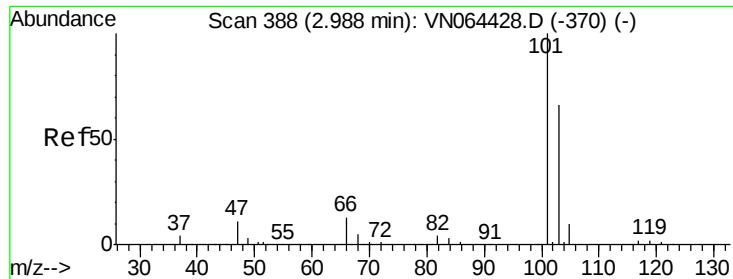
66 31.9 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



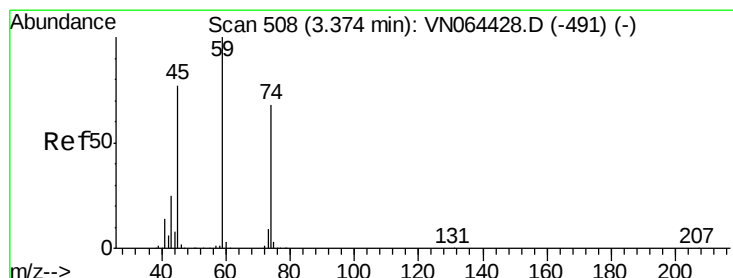
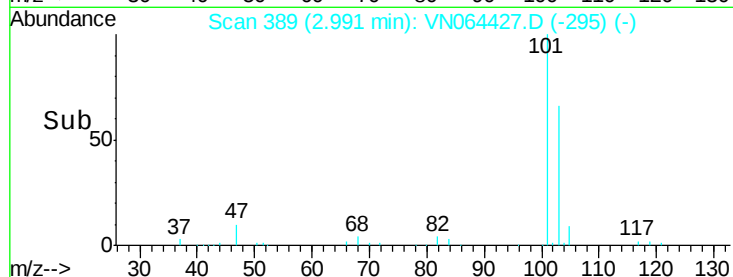
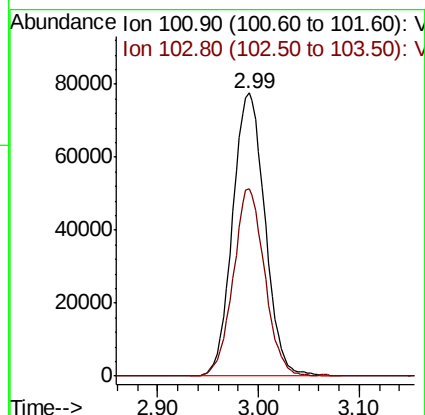
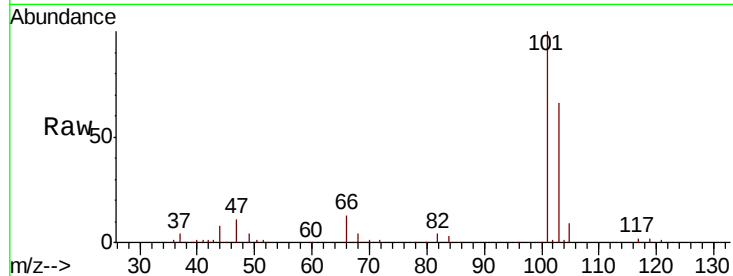


#7

Trichlorofluoromethane
 Concen: 22.587 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Instrument :
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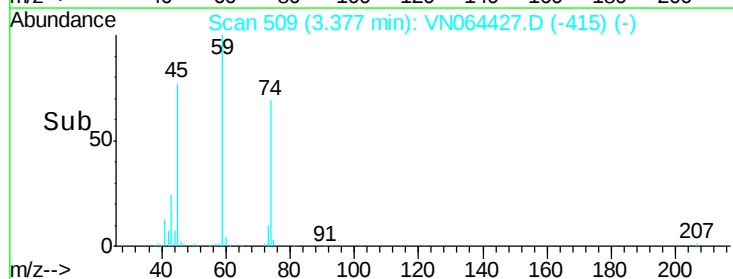
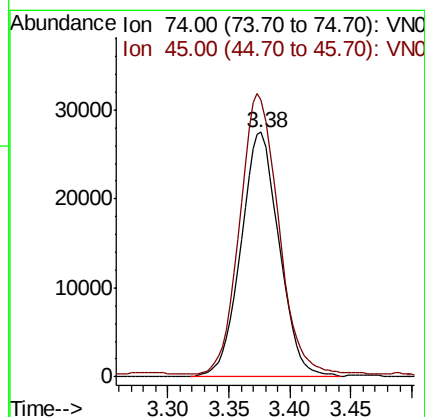
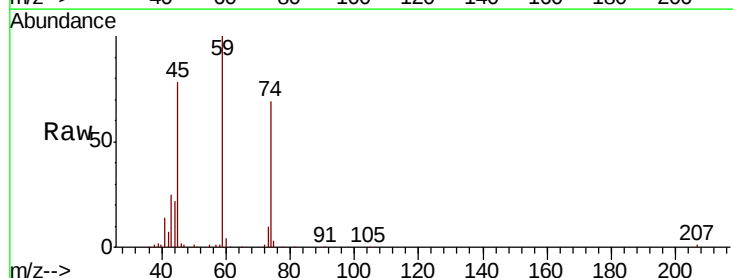
Tot Ion:101 Resp: 172838
 Ion Ratio Lower Upper
 101 100
 103 66.4 52.4 78.6

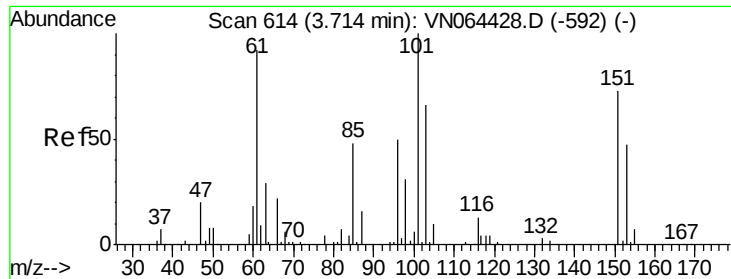


#8

Diethyl Ether
 Concen: 24.178 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 74 Resp: 59578
 Ion Ratio Lower Upper
 74 100
 45 115.2 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.786 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

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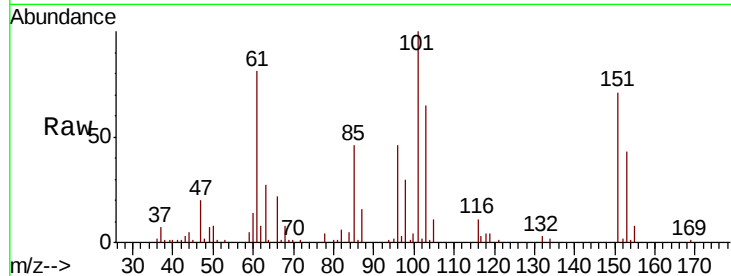
Tot Ion:101 Resp: 78898

Ion Ratio Lower Upper

101 100

85 48.9 38.6 57.8

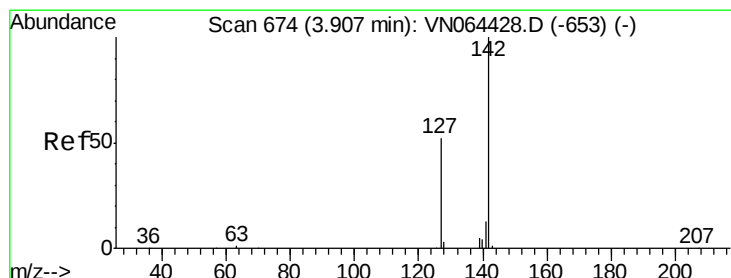
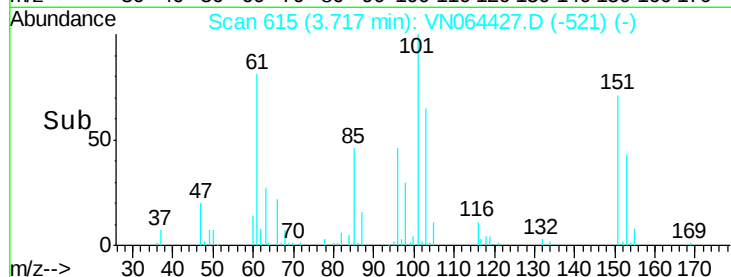
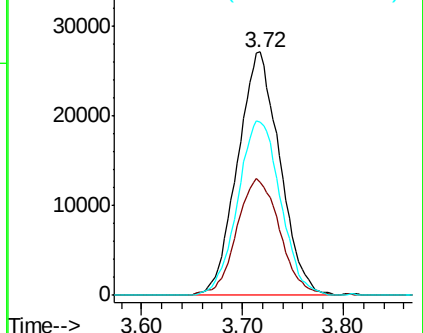
151 72.7 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.938 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

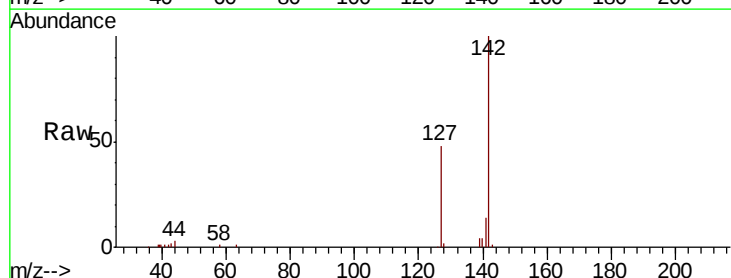
Tgt Ion:142 Resp: 93800

Ion Ratio Lower Upper

142 100

127 51.3 41.8 62.8

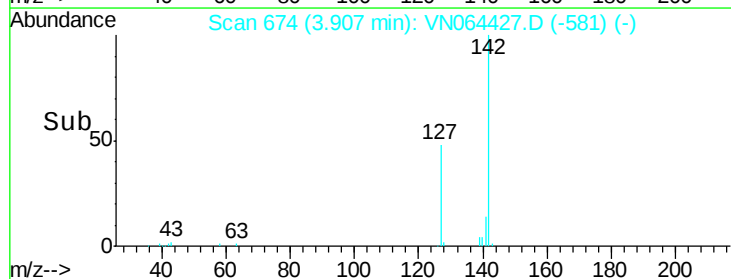
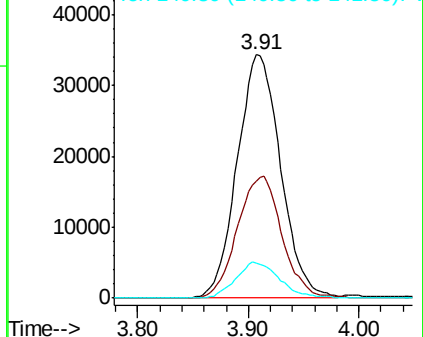
141 14.7 11.4 17.2

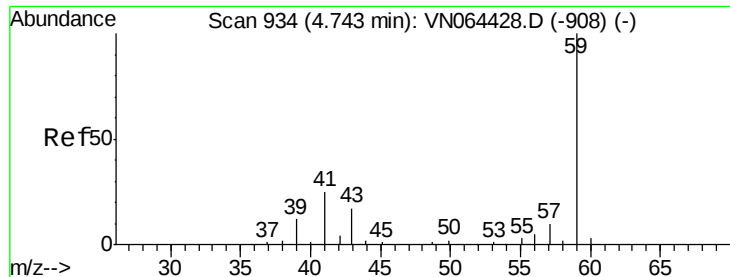


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

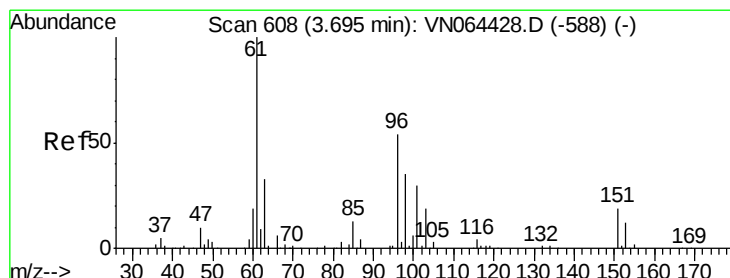
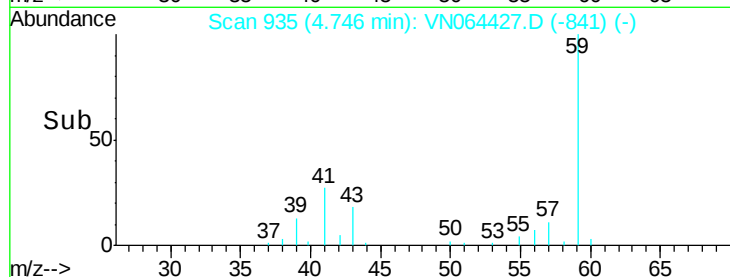
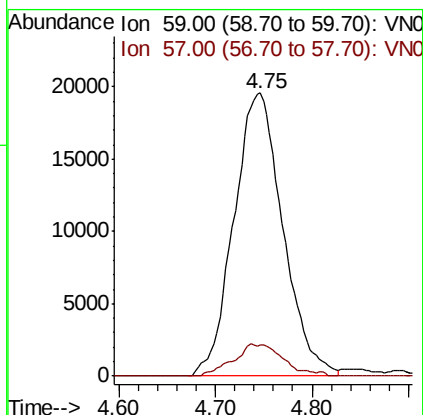
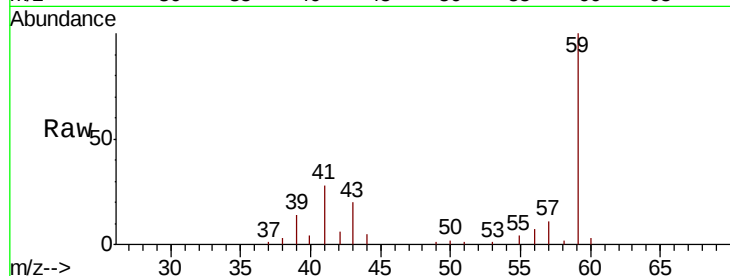




#11
Tert butyl alcohol
Concen: 82.917 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

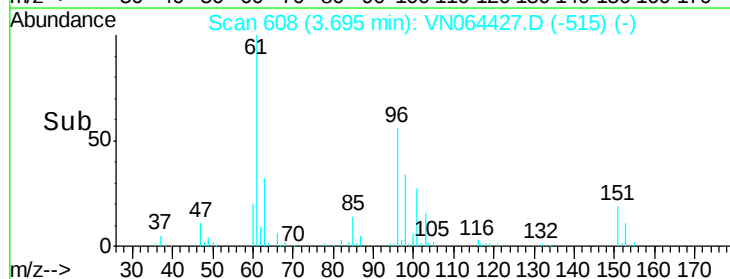
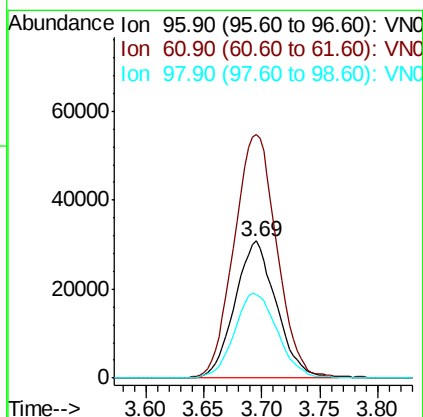
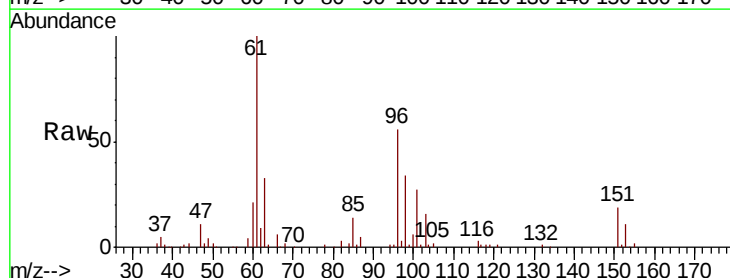
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

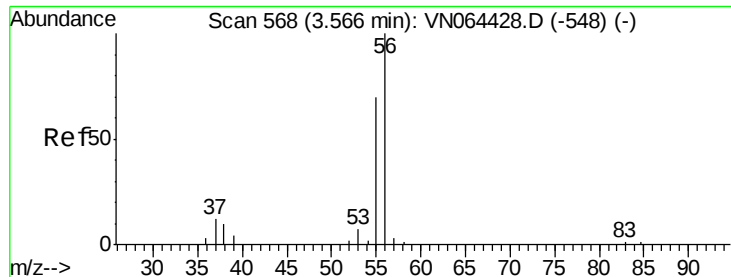
Tot Ion: 59 Resp: 68891
Ion Ratio Lower Upper
59 100
57 11.4 9.0 13.4



#12
1,1-Dichloroethene
Concen: 21.353 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 96 Resp: 76539
Ion Ratio Lower Upper
96 100
61 177.3 149.5 224.3
98 61.2 52.4 78.6





#13

Acrolein

Concen: 161.661 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

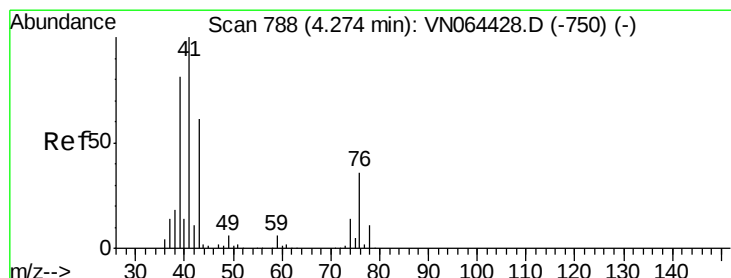
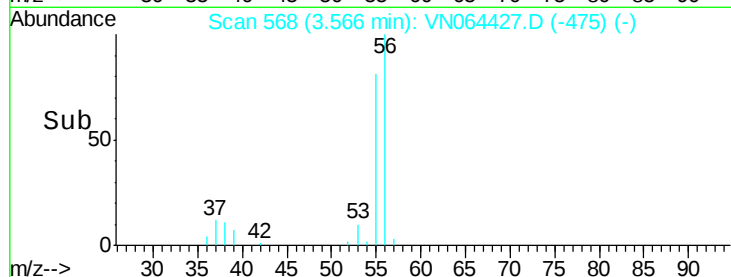
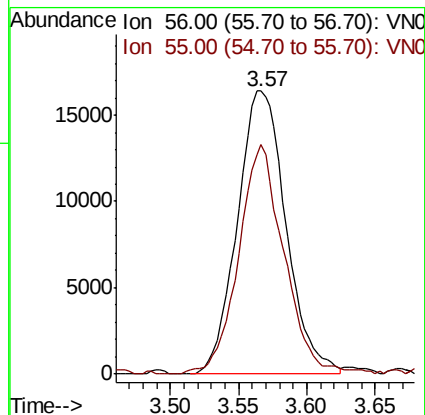
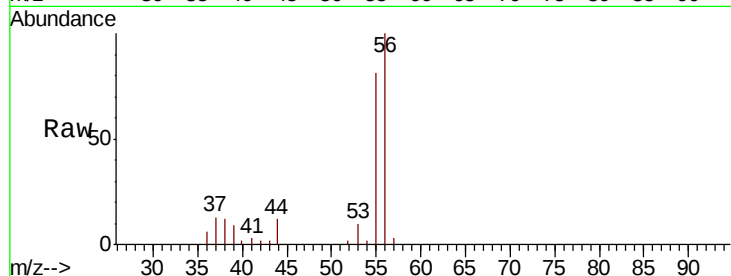
VSTDIC020

Tot Ion: 56 Resp: 40683

Ion Ratio Lower Upper

56 100

55 75.8 55.9 83.9



#14

Allyl chloride

Concen: 20.011 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

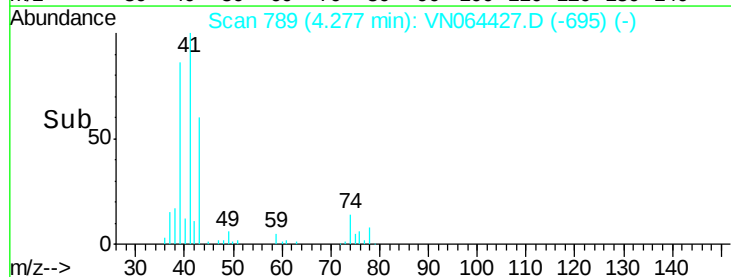
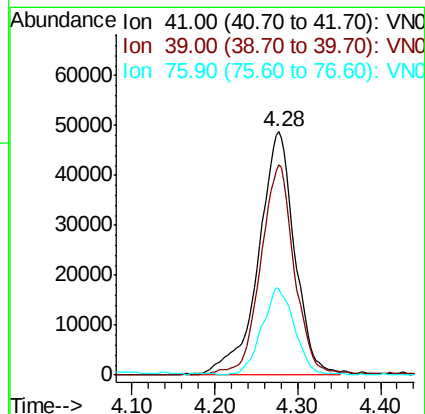
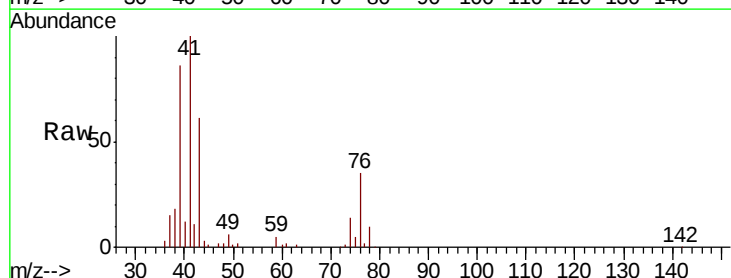
Tgt Ion: 41 Resp: 146134

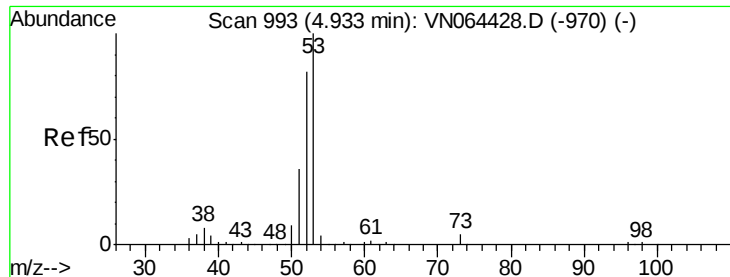
Ion Ratio Lower Upper

41 100

39 82.2 61.8 92.8

76 33.0 25.4 38.0





#15

Acrylonitrile

Concen: 105.690 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

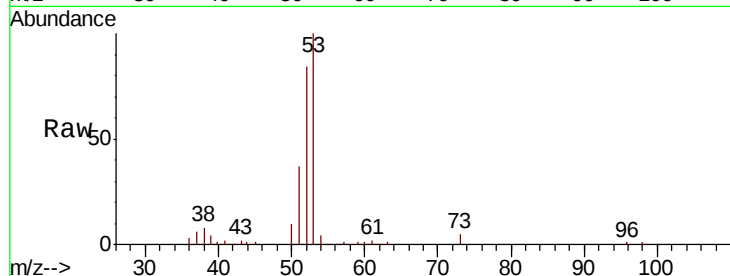
Tot Ion: 53 Resp: 198251

Ion Ratio Lower Upper

53 100

52 84.1 65.6 98.4

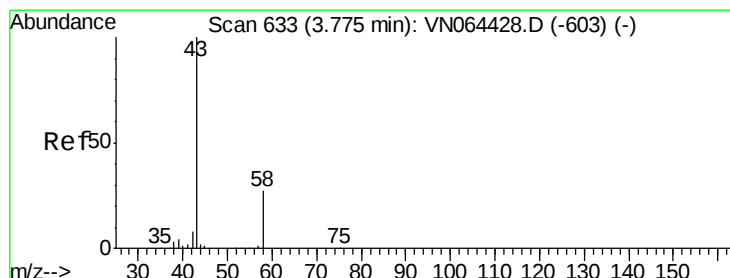
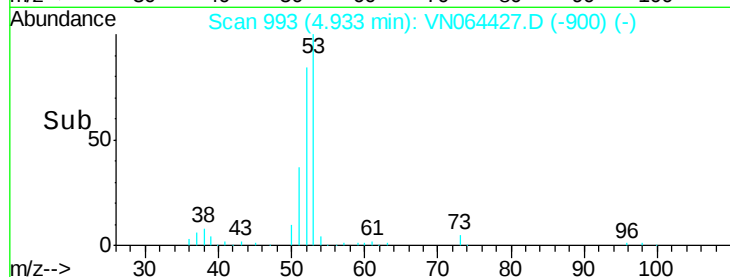
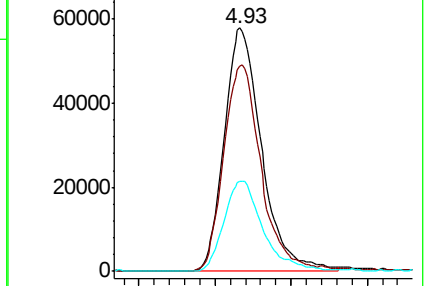
51 38.7 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN064427.D (-900) (-)

Ion 52.00 (51.70 to 52.70): VN064427.D (-900) (-)

Ion 51.00 (50.70 to 51.70): VN064427.D (-900) (-)



#16

Acetone

Concen: 115.650 ug/l

RT: 3.78 min Scan# 633

Delta R.T. -0.00 min

Lab File: VN064427.D

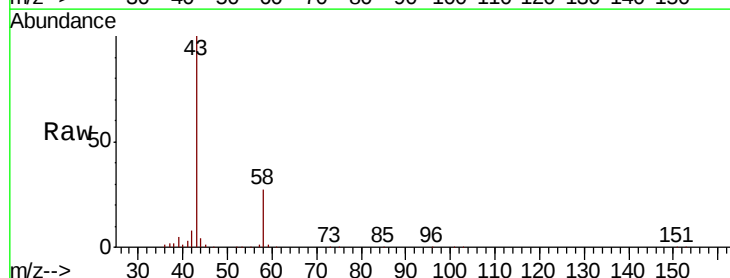
Acq: 4 Nov 2020 10:36

Tgt Ion: 43 Resp: 257405

Ion Ratio Lower Upper

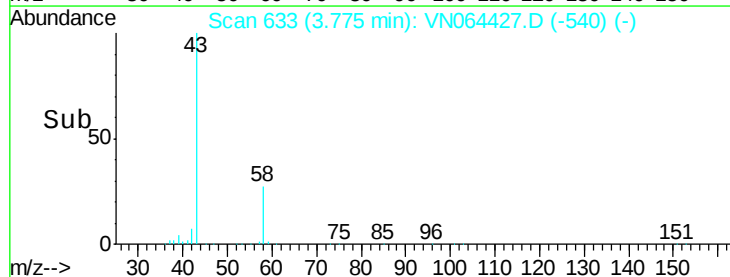
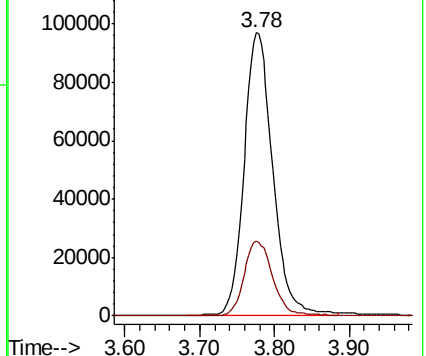
43 100

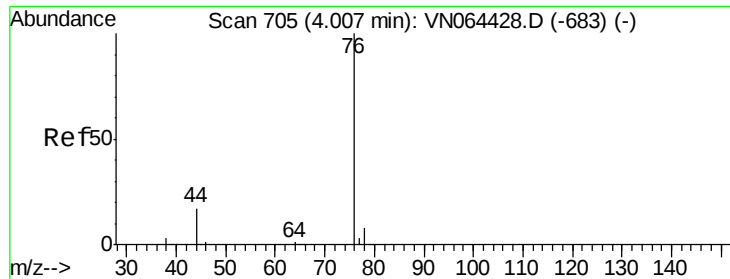
58 26.6 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VN064427.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064427.D (-540) (-)

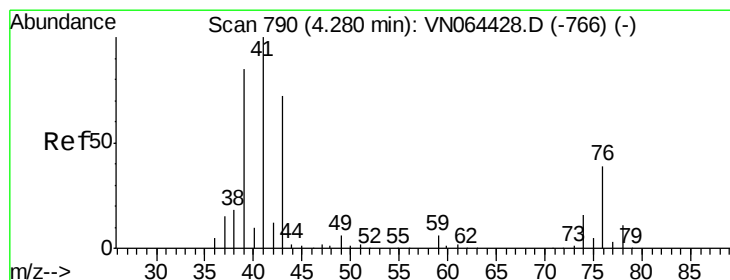
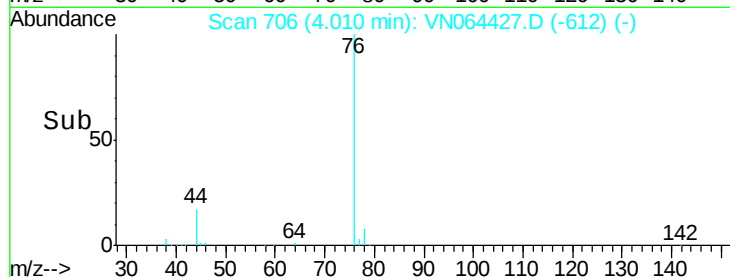
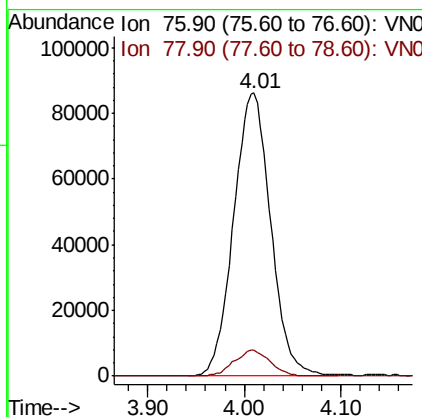
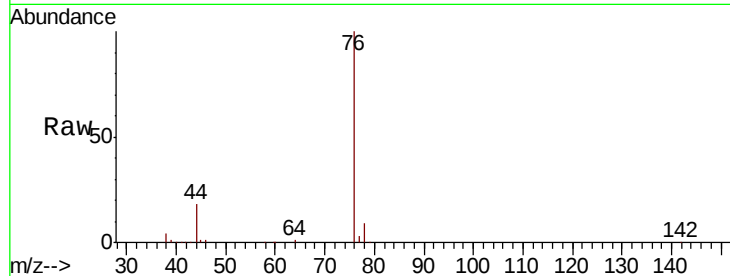




#17
Carbon Disulfide
Concen: 21.461 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

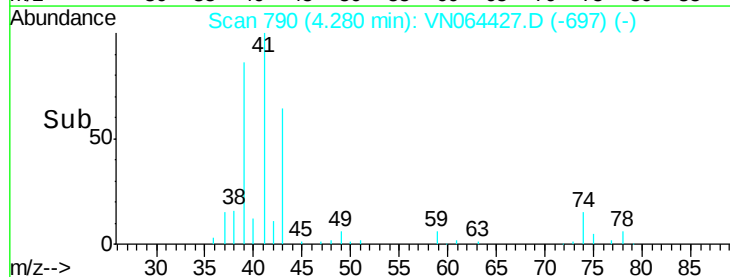
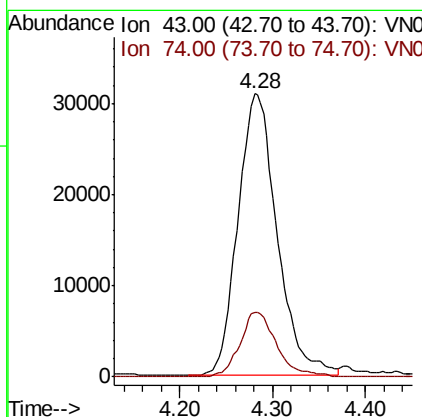
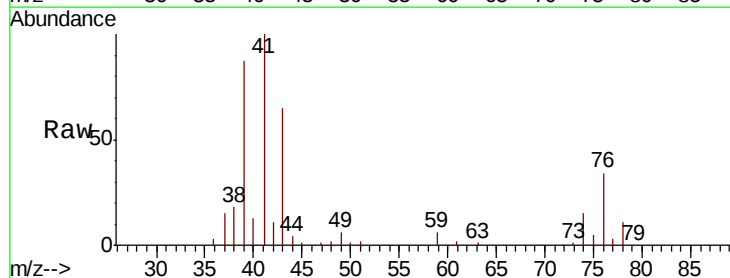
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

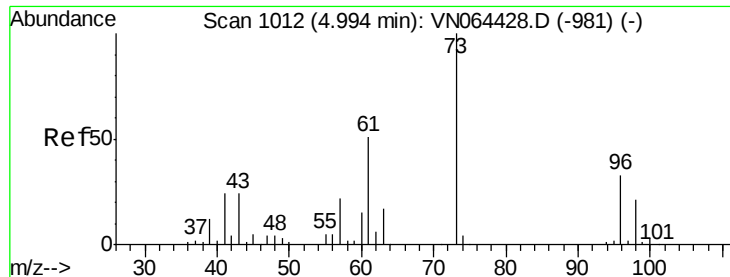
Tot Ion: 76 Resp: 229477
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 20.308 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 43 Resp: 90830
Ion Ratio Lower Upper
43 100
74 21.5 17.0 25.4

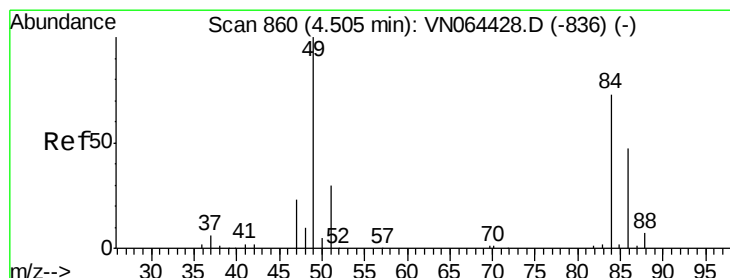
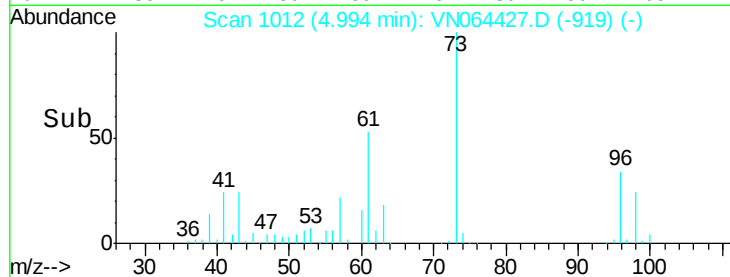
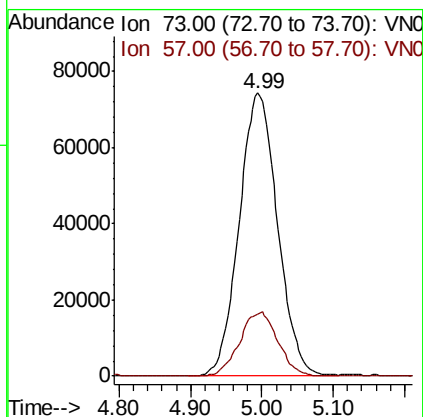
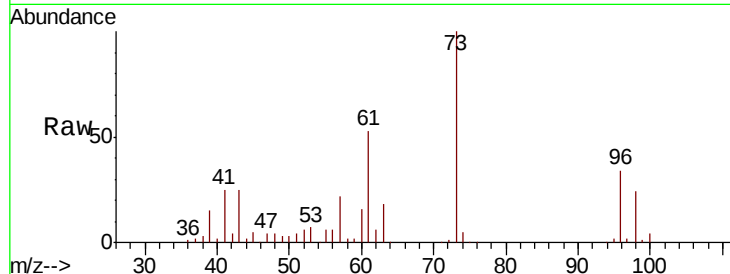




#19
Methyl tert-butyl Ether
Concen: 20.383 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

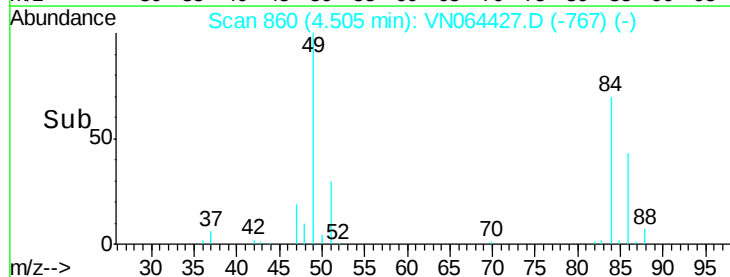
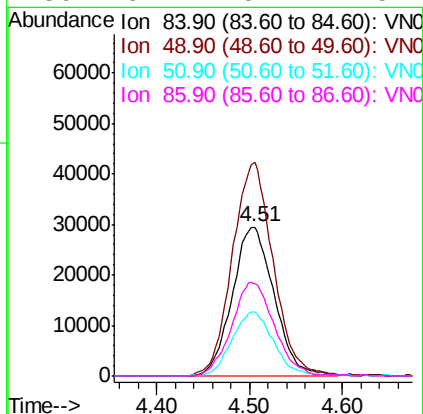
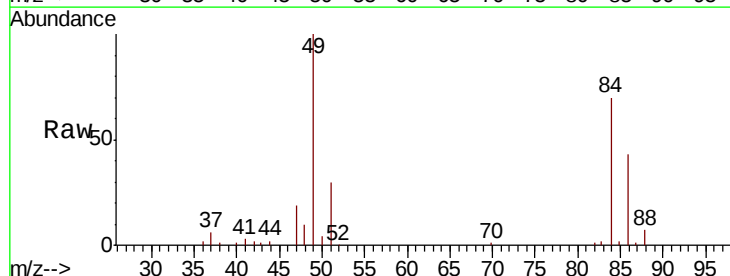
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

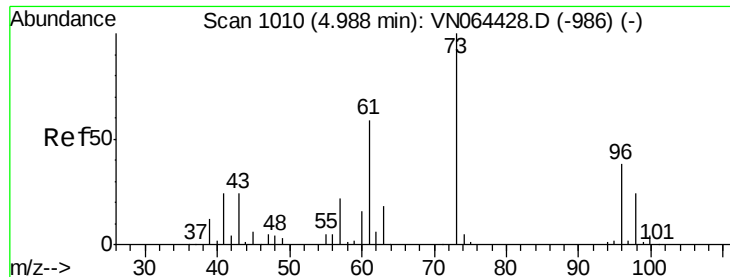
Tot Ion: 73 Resp: 278324
Ion Ratio Lower Upper
73 100
57 22.0 17.7 26.5



#20
Methylene Chloride
Concen: 21.604 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 84 Resp: 92457
Ion Ratio Lower Upper
84 100
49 143.2 110.1 165.1
51 42.6 33.6 50.4
86 62.2 52.1 78.1

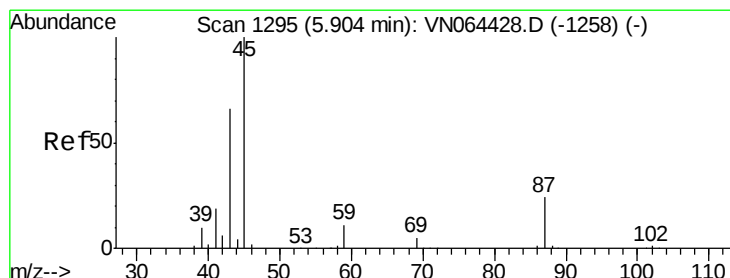
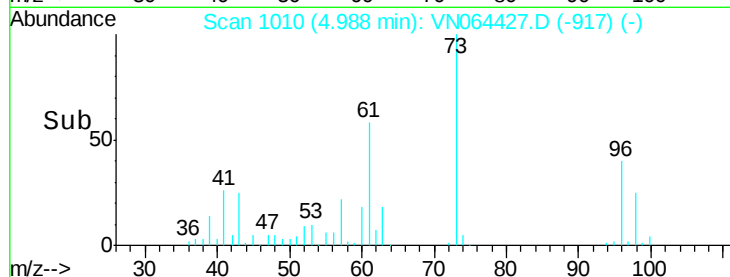
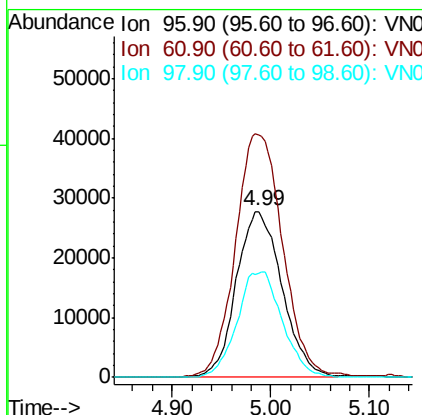
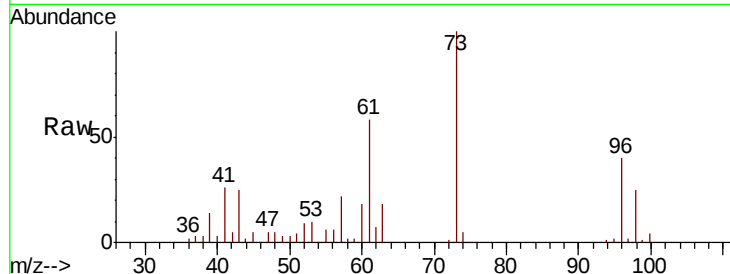




#21
trans-1,2-Dichloroethene
Concen: 22.068 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

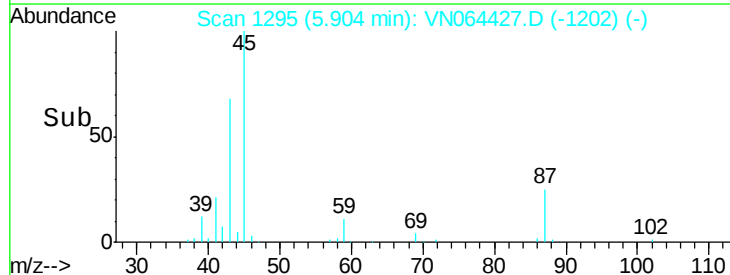
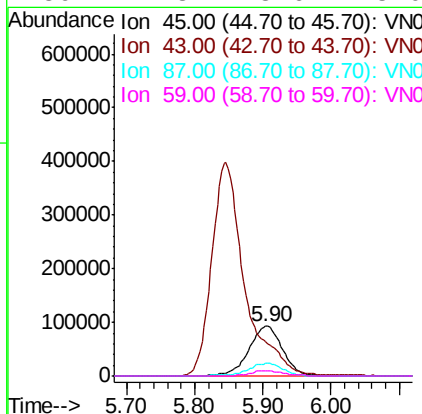
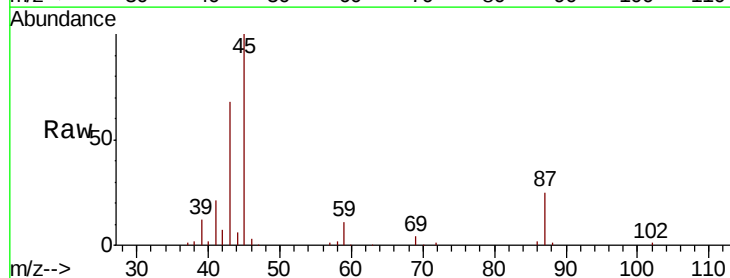
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

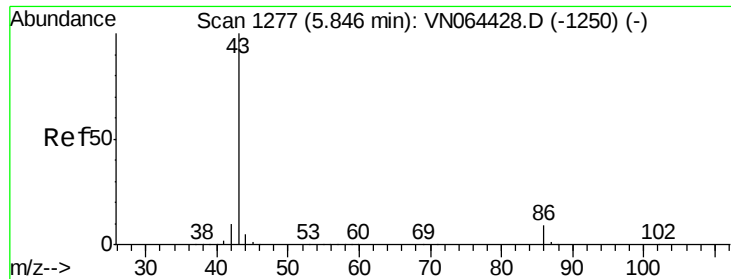
Tot Ion: 96 Resp: 89079
Ion Ratio Lower Upper
96 100
61 144.9 122.4 183.6
98 62.4 50.4 75.6



#22
Diisopropyl ether
Concen: 21.904 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 45 Resp: 318547
Ion Ratio Lower Upper
45 100
43 66.3 53.2 79.8
87 24.7 19.9 29.9
59 11.3 8.6 13.0

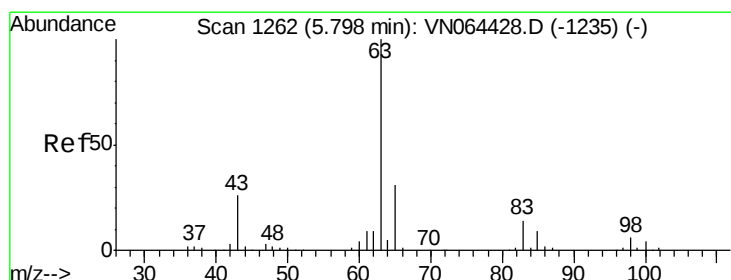
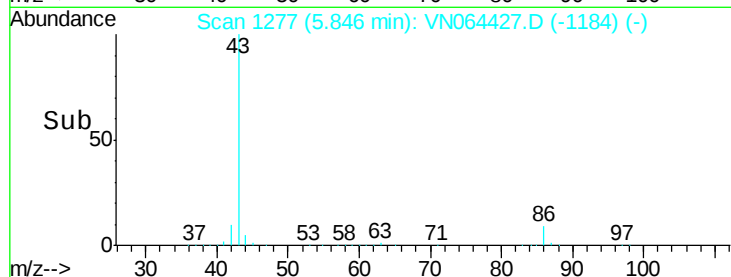
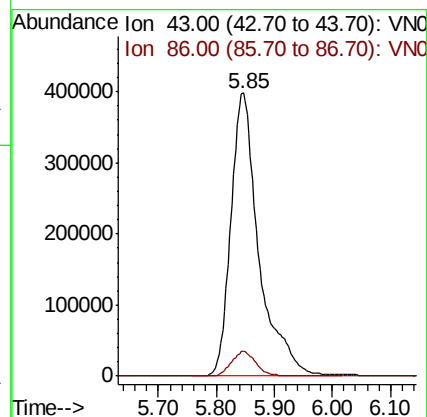
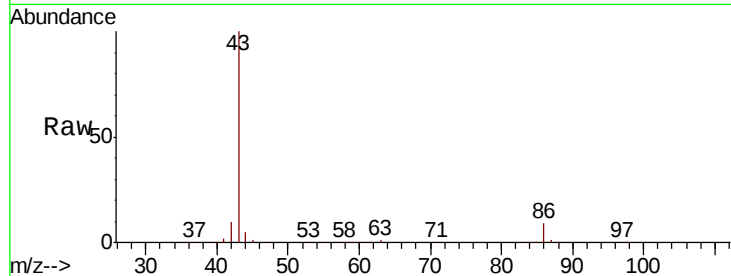




#23
 Vinyl Acetate
 Concen: 110.081 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

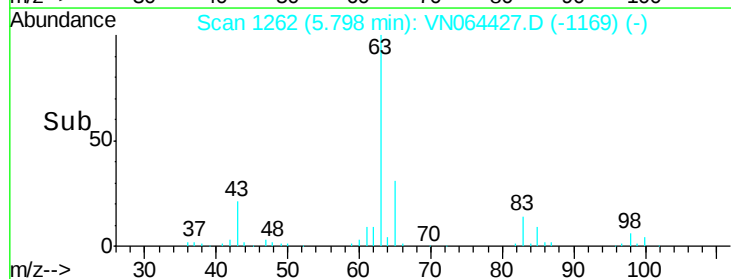
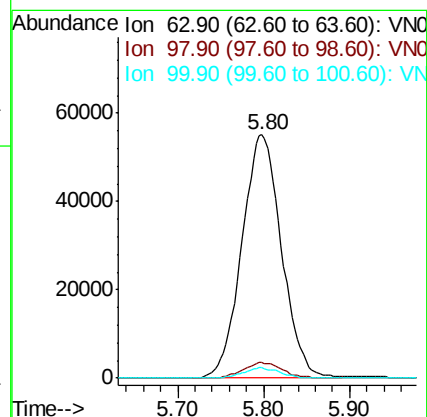
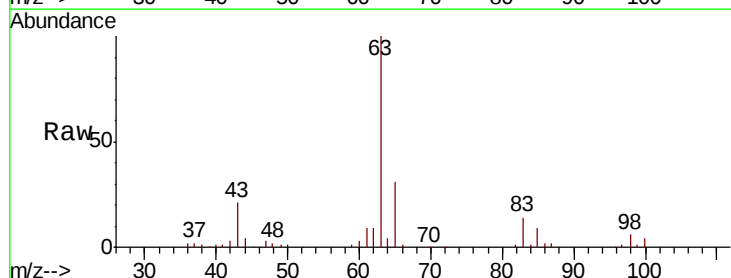
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

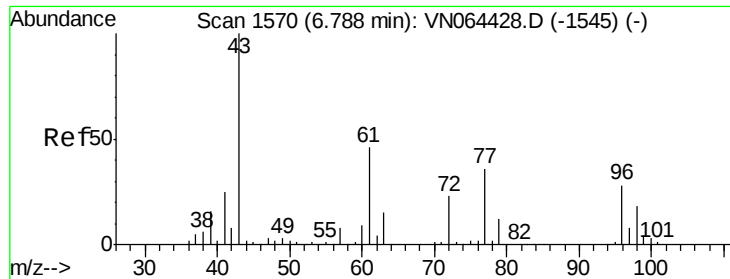
Tot Ion: 43 Resp: 1339299
 Ion Ratio Lower Upper
 43 100
 86 8.9 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 21.890 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 63 Resp: 176560
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.0 9.2
 100 4.1 1.8 5.3

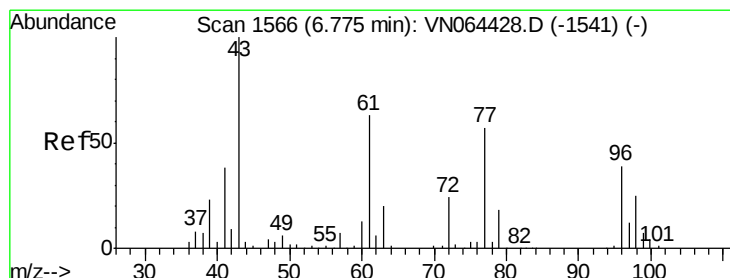
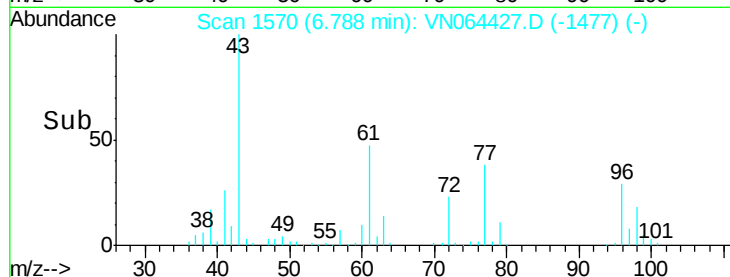
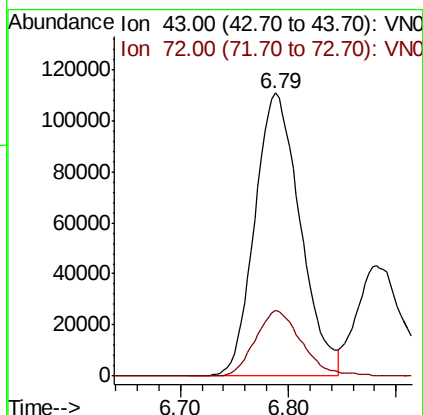
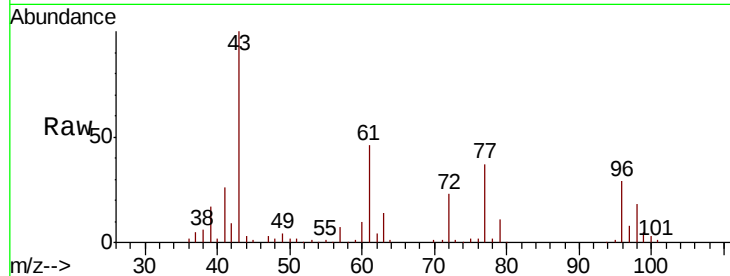




#25
2-Butanone
Concen: 106.877 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

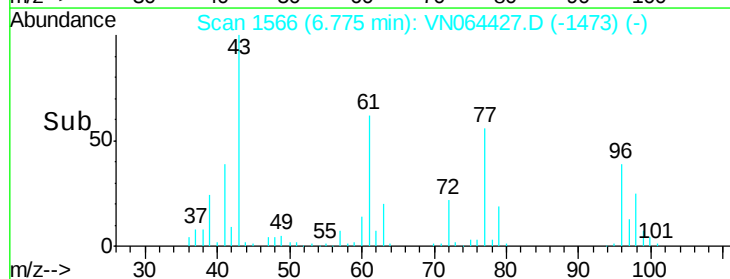
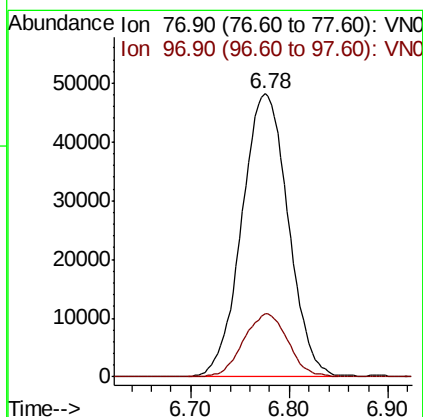
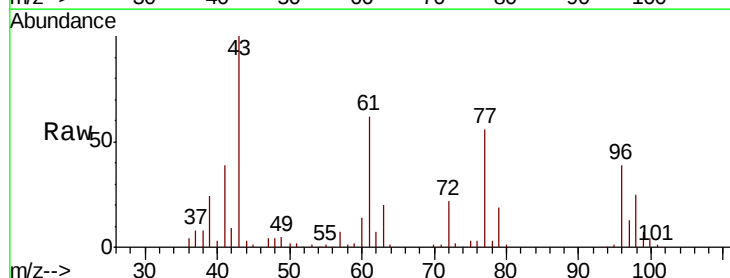
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

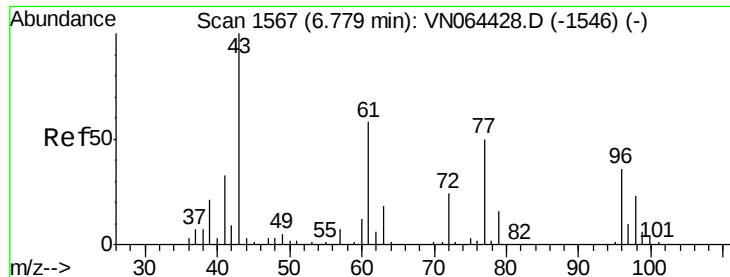
Tot Ion: 43 Resp: 322610
Ion Ratio Lower Upper
43 100
72 23.3 18.5 27.7



#26
2,2-Dichloropropane
Concen: 20.149 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 77 Resp: 156754
Ion Ratio Lower Upper
77 100
97 21.4 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 21.730 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

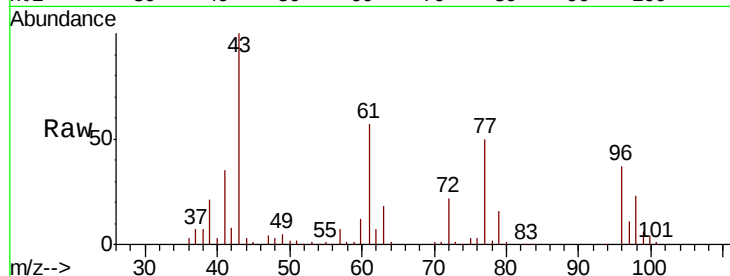
Tot Ion: 96 Resp: 100164

Ion Ratio Lower Upper

96 100

61 166.3 0.0 329.6

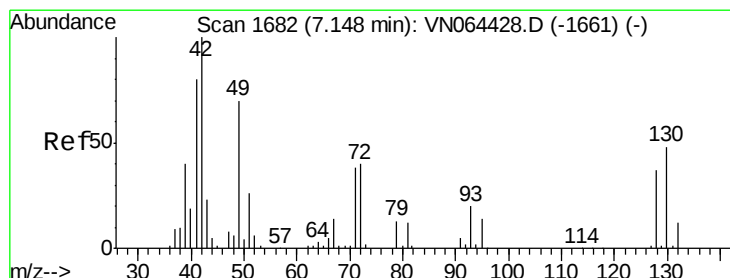
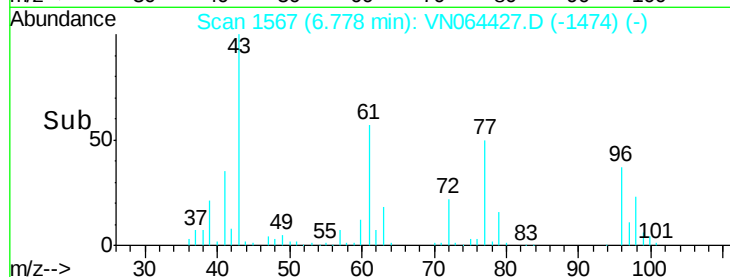
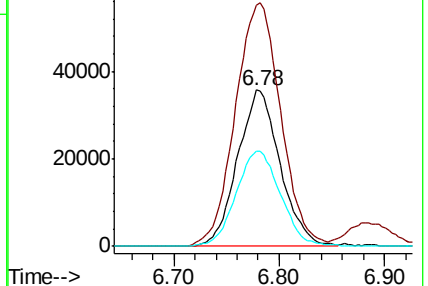
98 63.4 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064427.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064427.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064427.D (-1474) (-)



#28

Bromochloromethane

Concen: 24.749 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

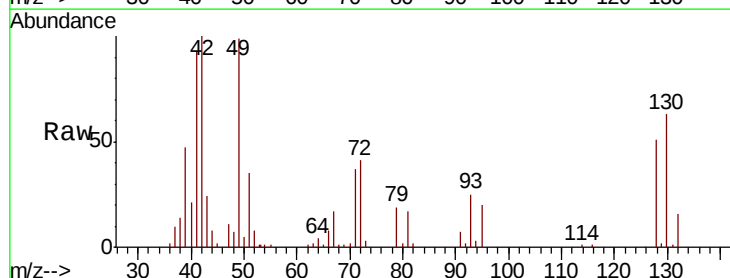
Tgt Ion: 49 Resp: 92759

Ion Ratio Lower Upper

49 100

129 0.9 0.0 3.6

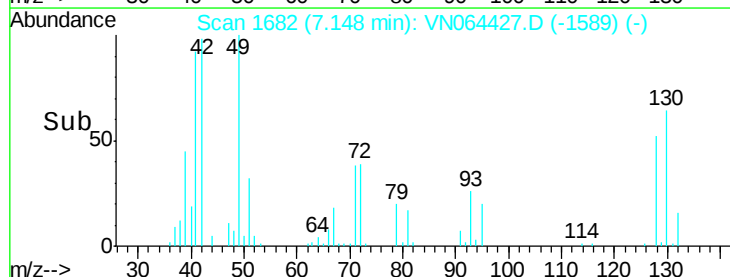
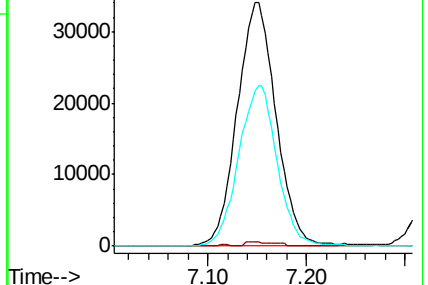
130 65.1 54.2 81.4

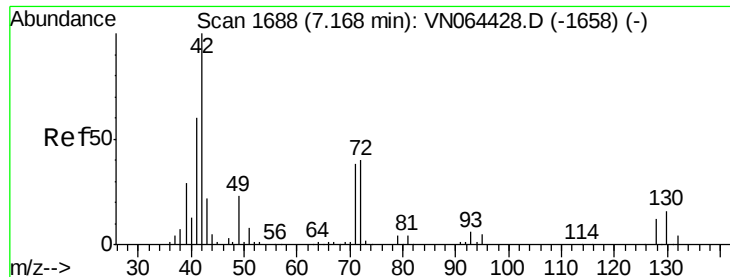


Abundance Ion 48.90 (48.60 to 49.60): VN064427.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064427.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064427.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 96.798 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

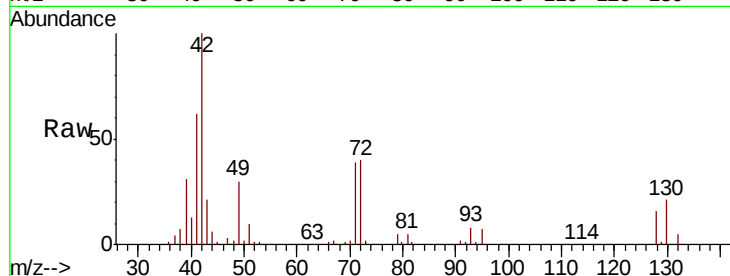
Tot Ion: 42 Resp: 186981

Ion Ratio Lower Upper

42 100

72 40.1 31.7 47.5

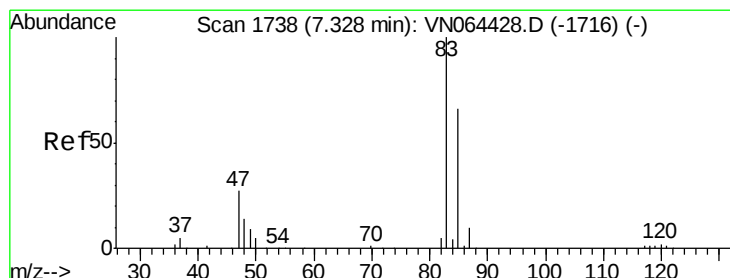
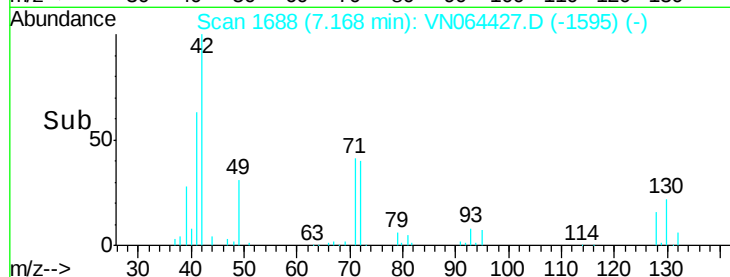
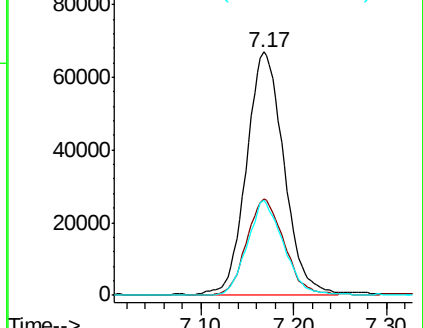
71 37.8 29.8 44.6



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 21.684 ug/l

RT: 7.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064427.D

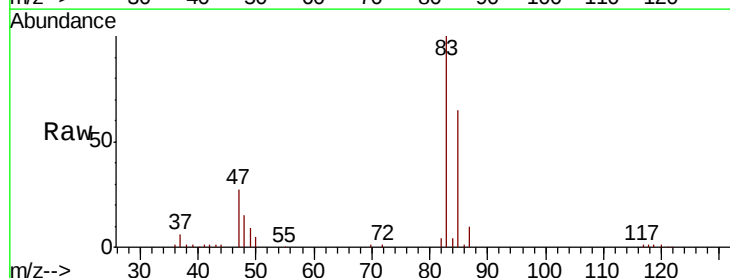
Acq: 4 Nov 2020 10:36

Tgt Ion: 83 Resp: 186705

Ion Ratio Lower Upper

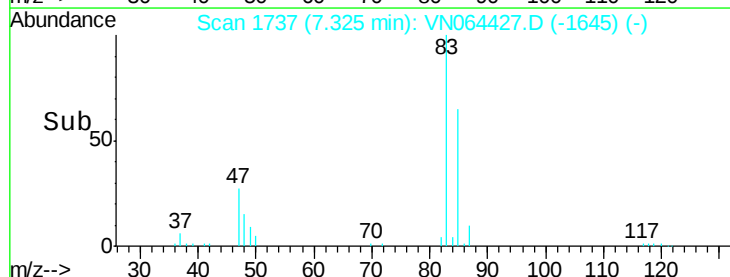
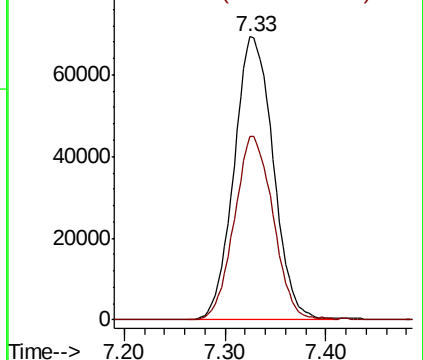
83 100

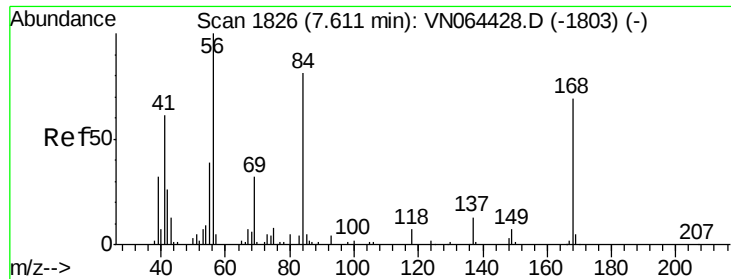
85 64.8 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

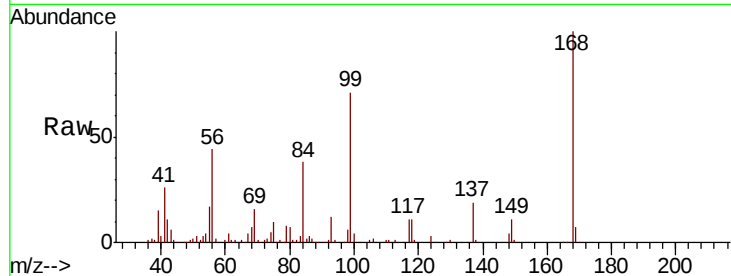




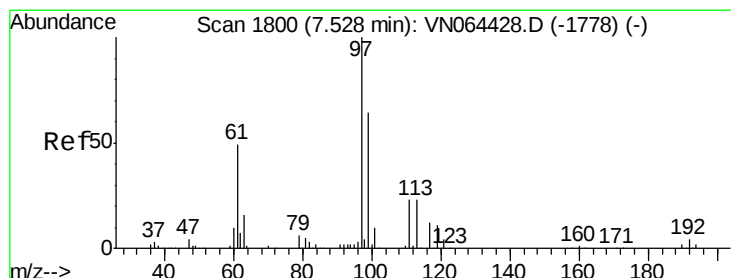
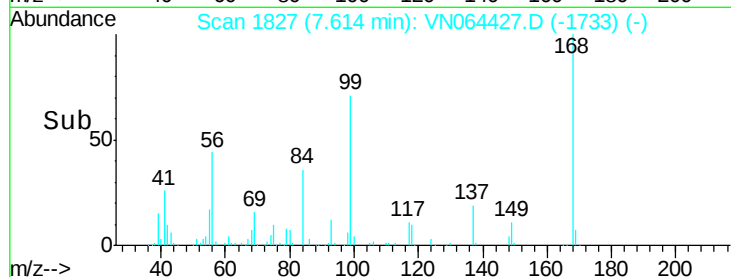
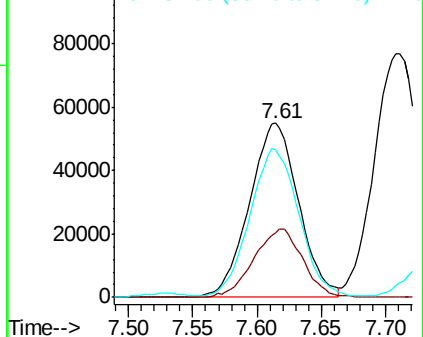
#31
Cyclohexane
Concen: 20.546 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 56 Resp: 145492
Ion Ratio Lower Upper
56 100
69 37.1 25.6 38.4
84 83.6 63.0 94.6

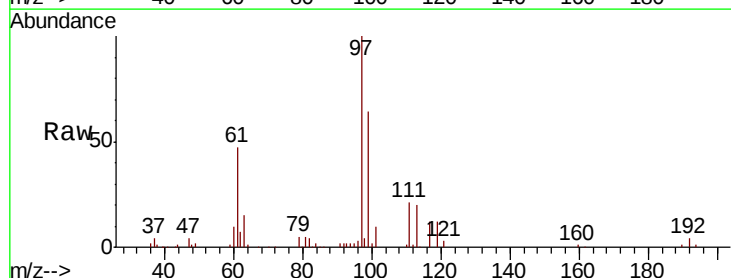


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

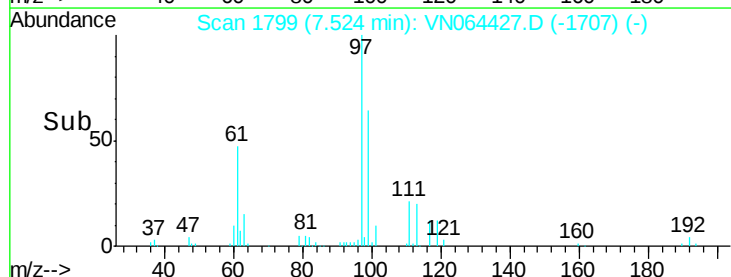
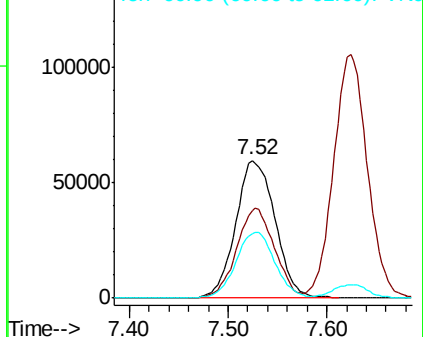


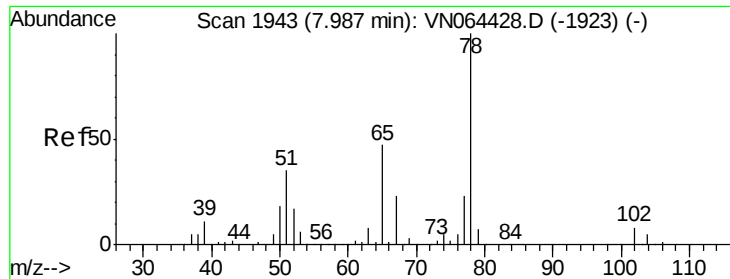
#32
1,1,1-Trichloroethane
Concen: 20.274 ug/l
RT: 7.52 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 97 Resp: 164822
Ion Ratio Lower Upper
97 100
99 62.7 51.3 76.9
61 47.5 39.1 58.7



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

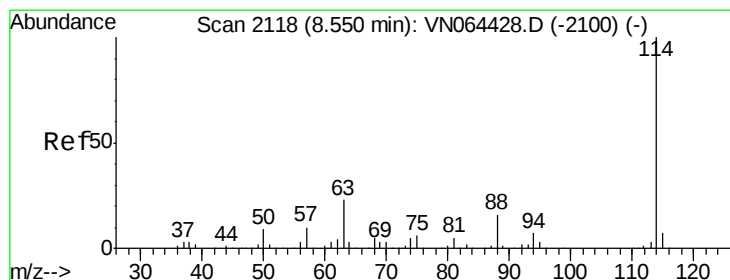
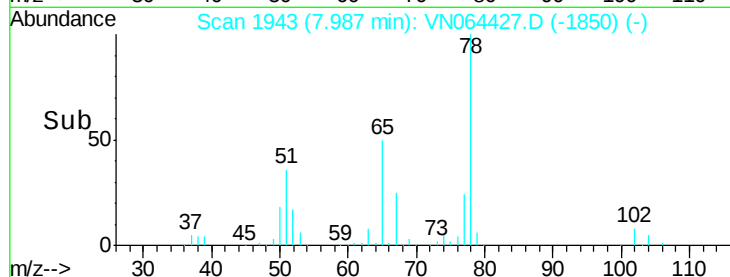
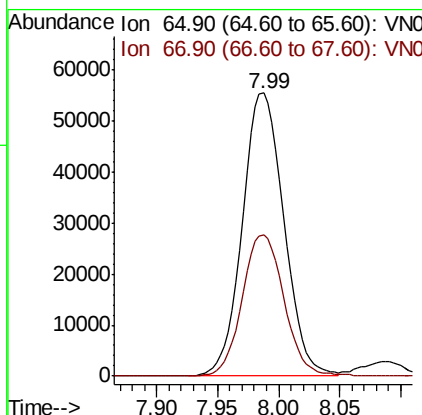
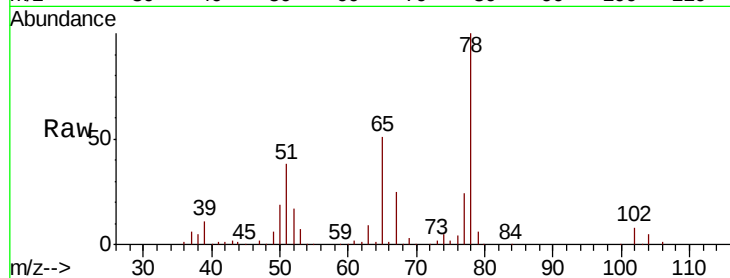




#33
 1,2-Dichloroethane-d4
 Concen: 21.883 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

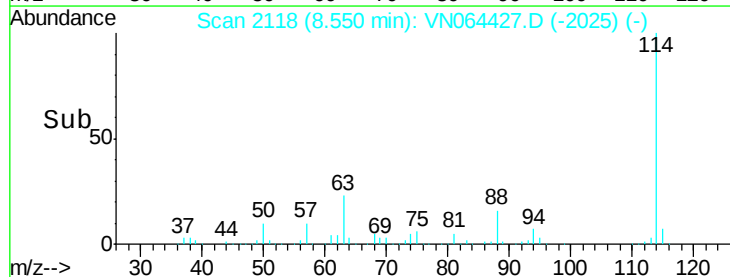
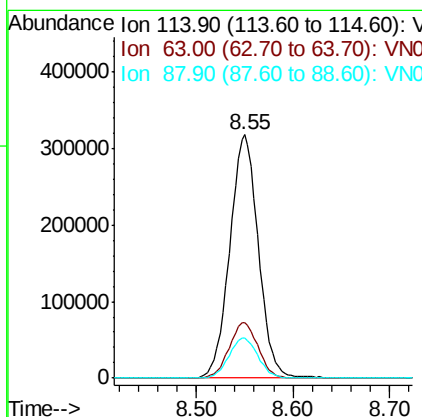
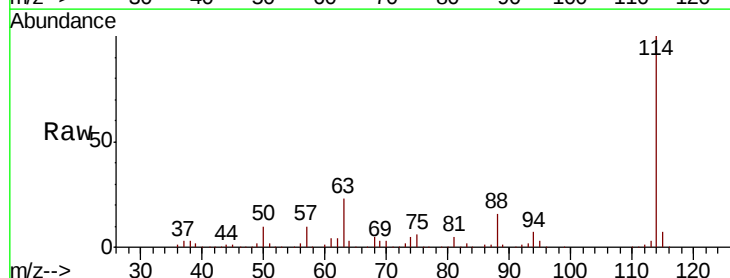
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

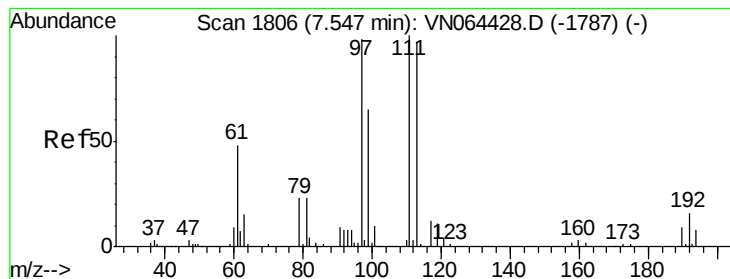
Tot Ion: 65 Resp: 130852
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 114 Resp: 650850
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.6
 88 16.3 0.0 32.8





#35

Dibromofluoromethane

Concen: 20.965 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

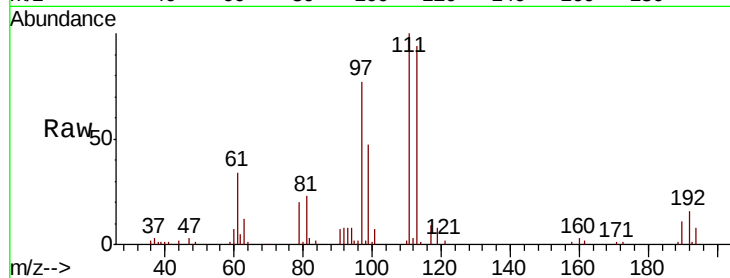
Tot Ion:113 Resp: 91058

Ion Ratio Lower Upper

113 100

111 103.4 81.1 121.7

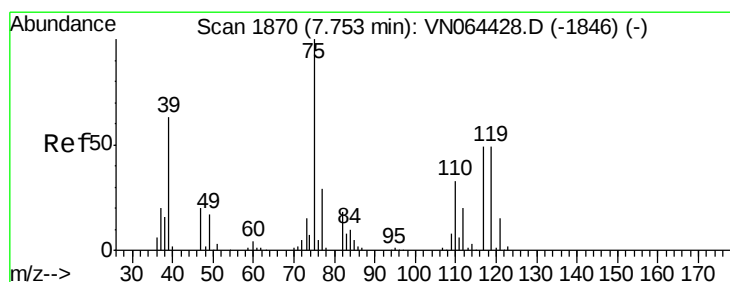
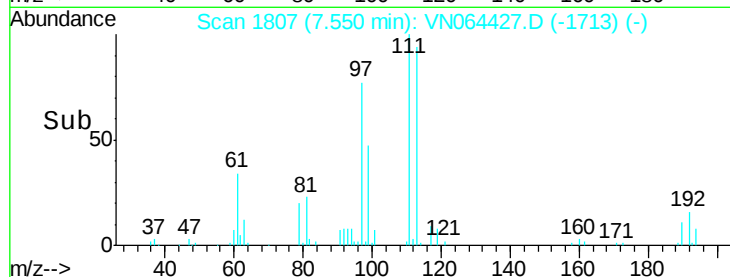
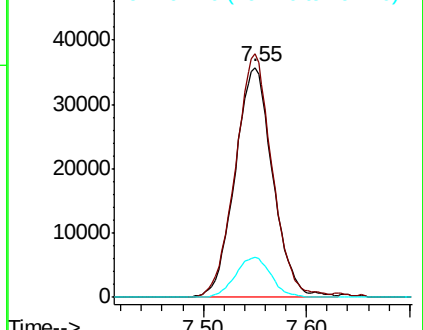
192 16.3 12.8 19.2



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: 19.931 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

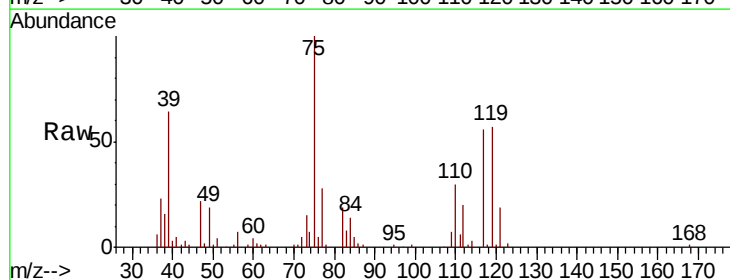
Tgt Ion: 75 Resp: 133760

Ion Ratio Lower Upper

75 100

110 32.4 16.0 48.0

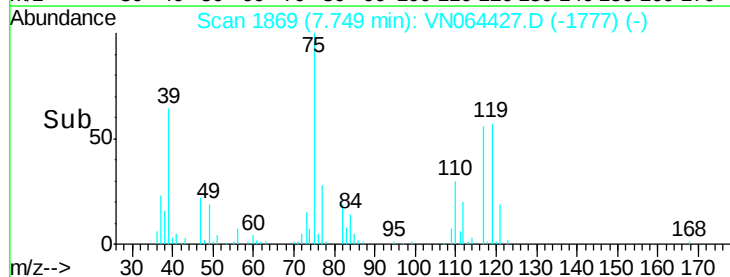
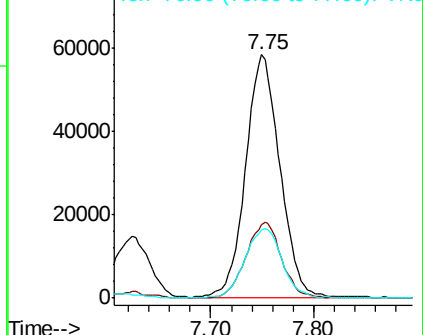
77 31.2 24.0 36.0

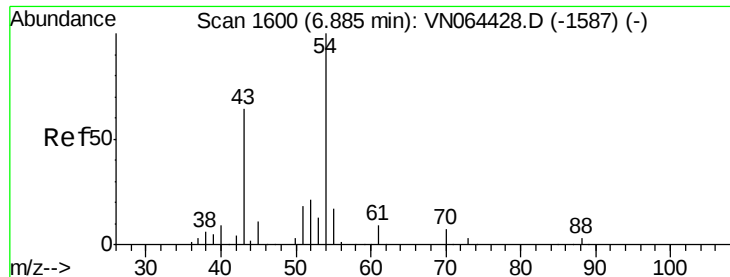


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): V

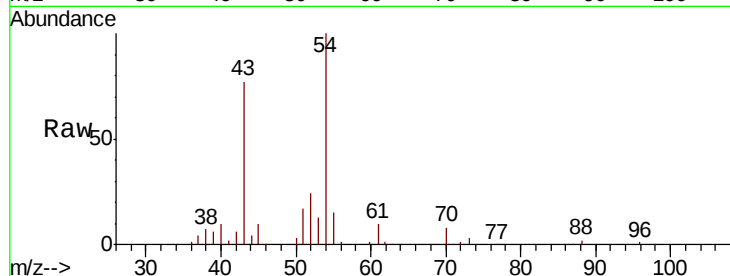




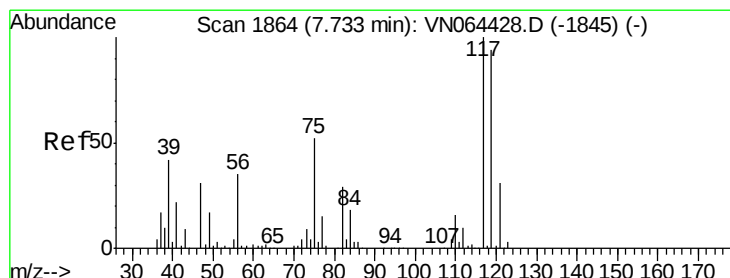
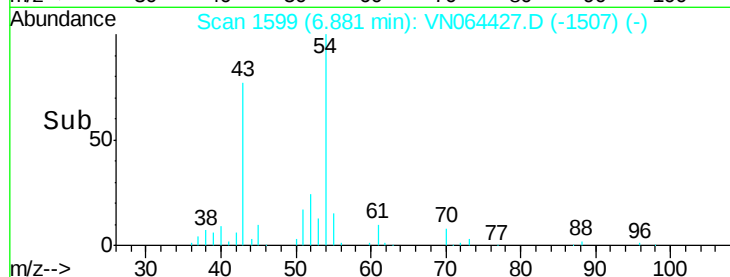
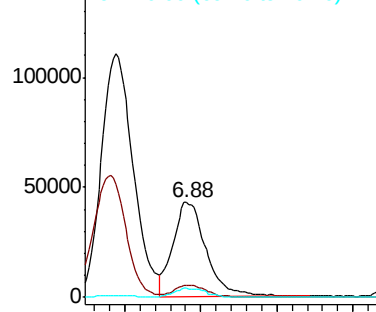
#37
Ethyl Acetate
Concen: 19.545 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC020

Tot Ion: 43 Resp: 130846
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 9.3 7.1 10.7

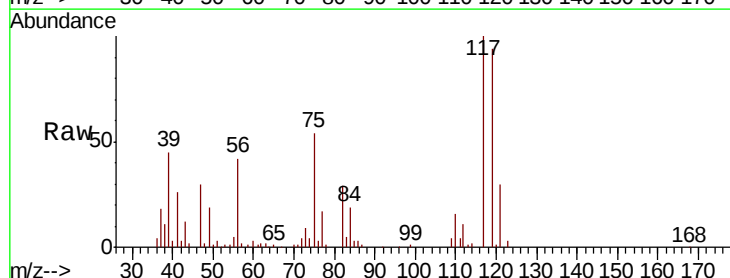


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

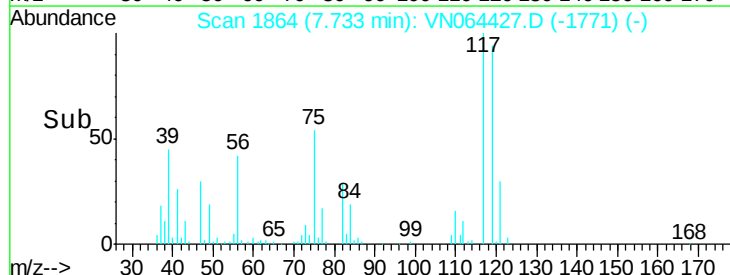
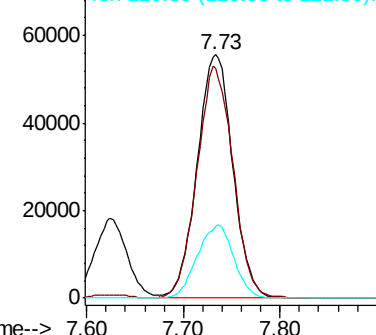


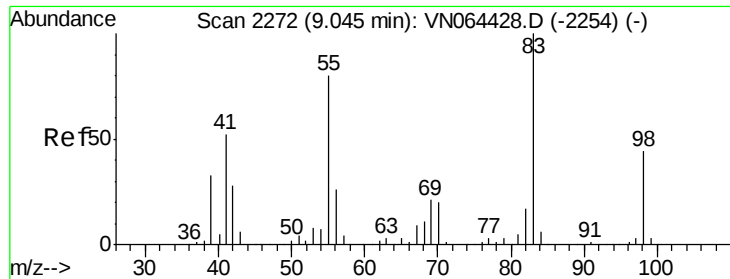
#38
Carbon Tetrachloride
Concen: 18.737 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 117 Resp: 142587
Ion Ratio Lower Upper
117 100
119 94.4 75.5 113.3
121 29.7 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

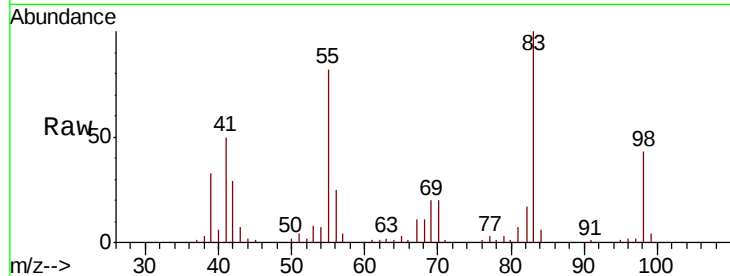




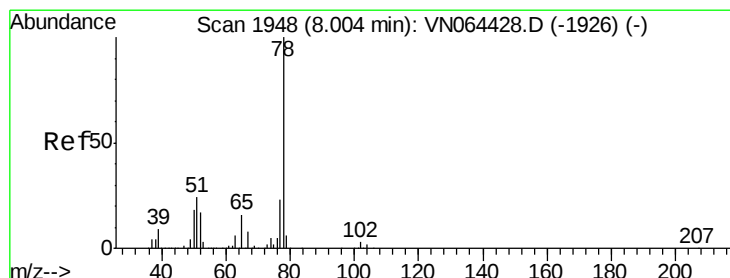
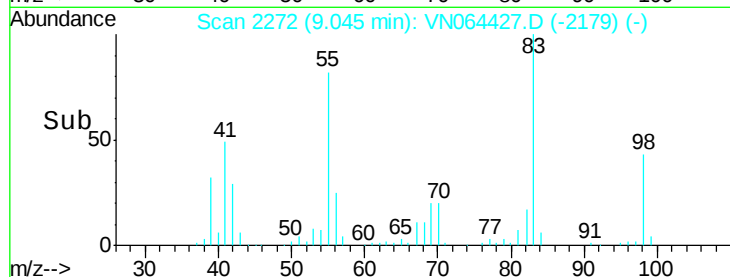
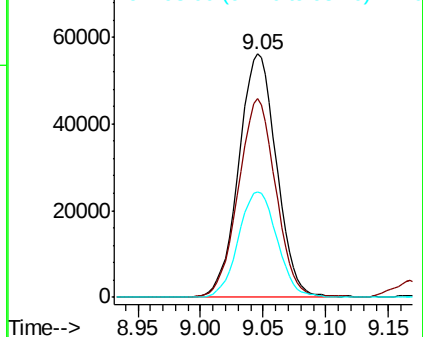
#39
Methvlcvclohexane
Concen: 17.979 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 117677
Ion Ratio Lower Upper
83 100
55 81.9 63.8 95.6
98 43.3 35.4 53.2

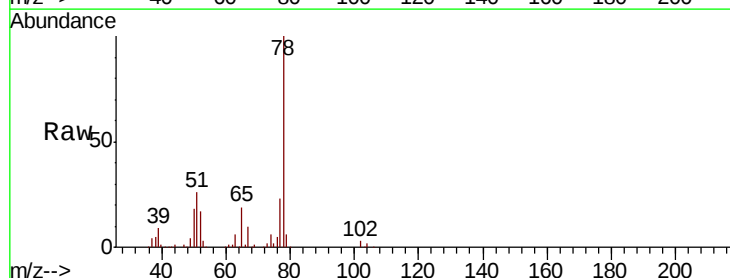


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

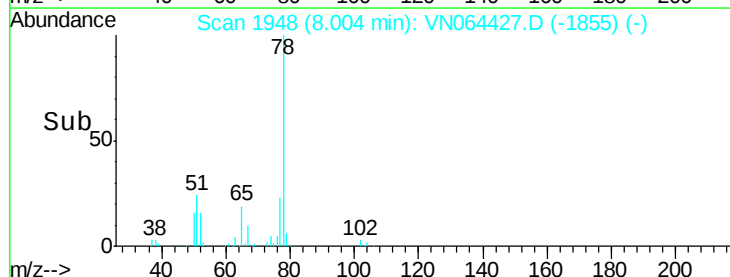
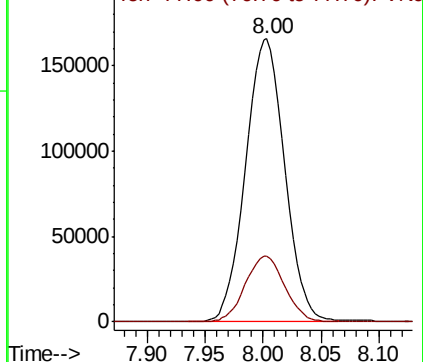


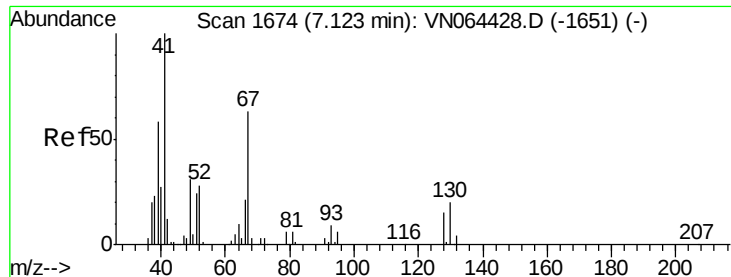
#40
Benzene
Concen: 20.735 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 78 Resp: 389799
Ion Ratio Lower Upper
78 100
77 23.2 18.7 28.1



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





#41

Methacrylonitrile

Concen: 17.459 ug/l

RT: 7.12 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 56931

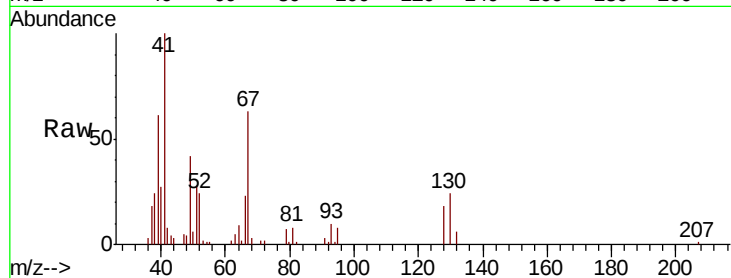
Ion Ratio Lower Upper

41 100

39 69.8 50.0 75.0

67 80.8 68.3 102.5

52 37.3 32.7 49.1

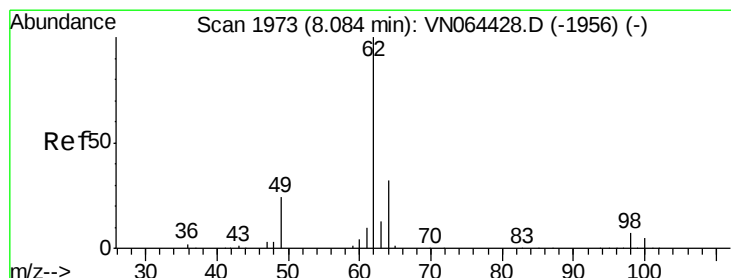
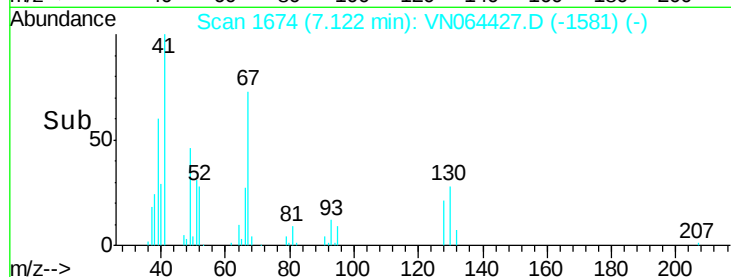
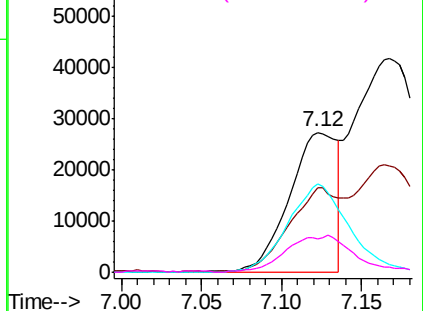


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 20.398 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VN064427.D

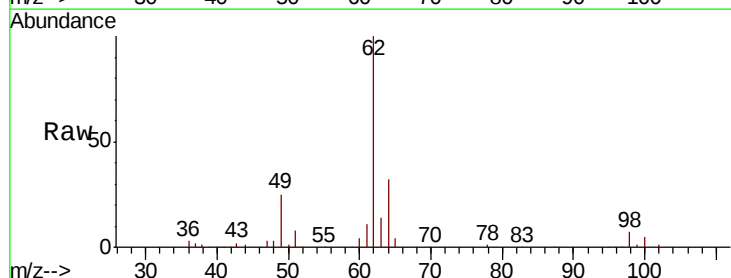
Acq: 4 Nov 2020 10:36

Tgt Ion: 62 Resp: 163275

Ion Ratio Lower Upper

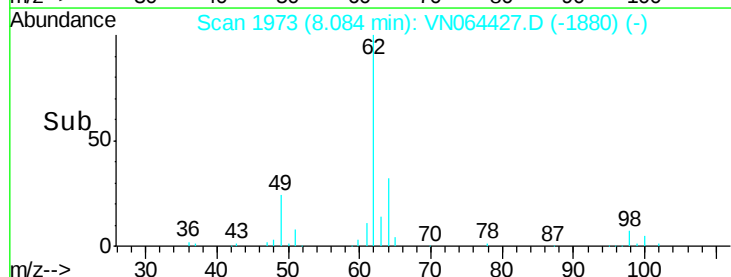
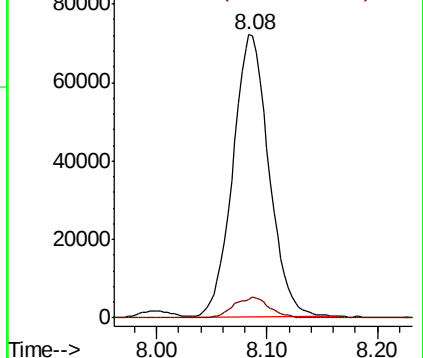
62 100

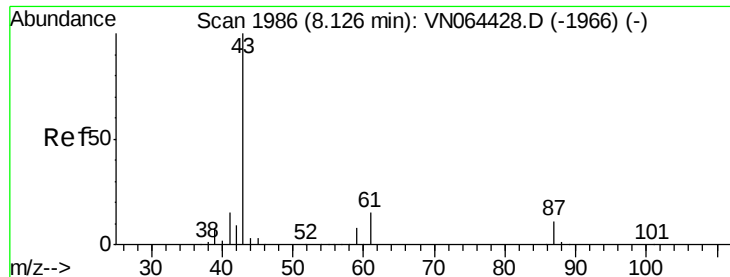
98 7.3 0.0 14.0



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 19.277 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

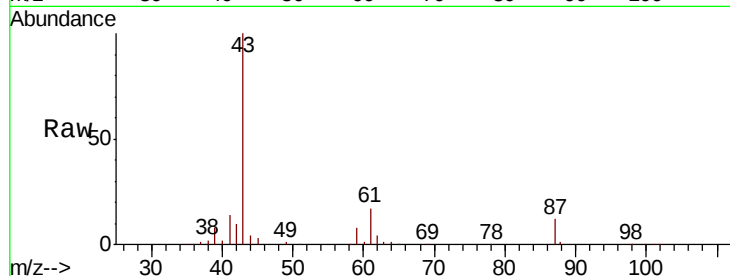
Tot Ion: 43 Resp: 220189

Ion Ratio Lower Upper

43 100

61 17.7 14.0 21.0

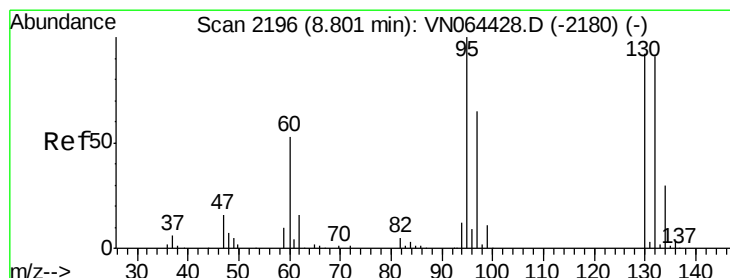
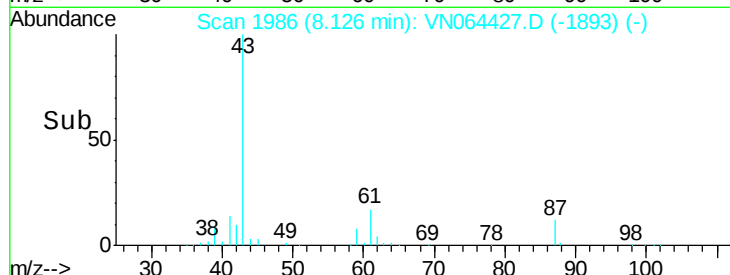
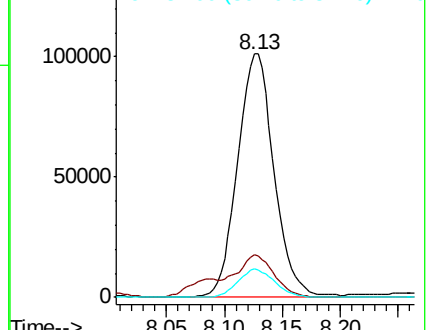
87 11.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN064427.D (-2103) (-)

Ion 61.00 (60.70 to 61.70): VN064427.D (-2103) (-)

Ion 87.00 (86.70 to 87.70): VN064427.D (-2103) (-)



#44

Trichloroethene

Concen: 20.587 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064427.D

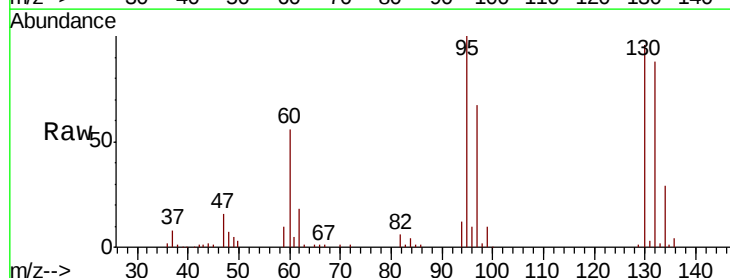
Acq: 4 Nov 2020 10:36

Tgt Ion:130 Resp: 99911

Ion Ratio Lower Upper

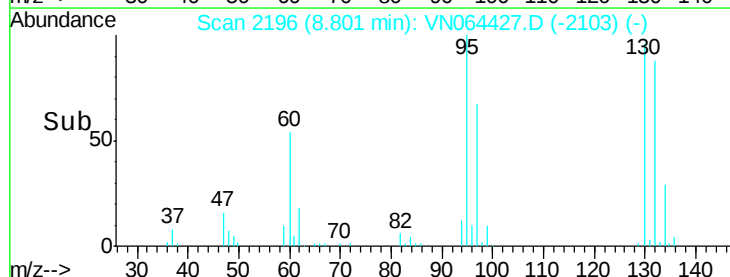
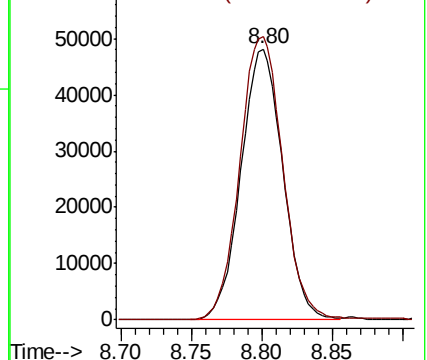
130 100

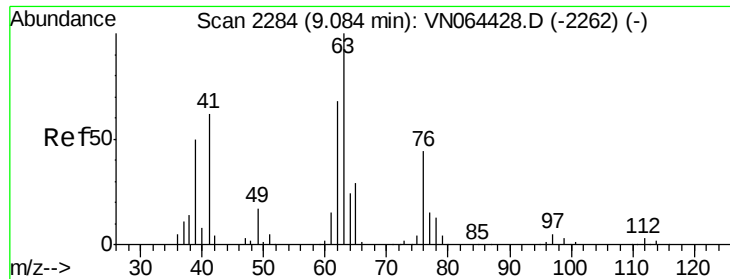
95 104.5 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): VN064427.D (-2103) (-)

Ion 94.90 (94.60 to 95.60): VN064427.D (-2103) (-)

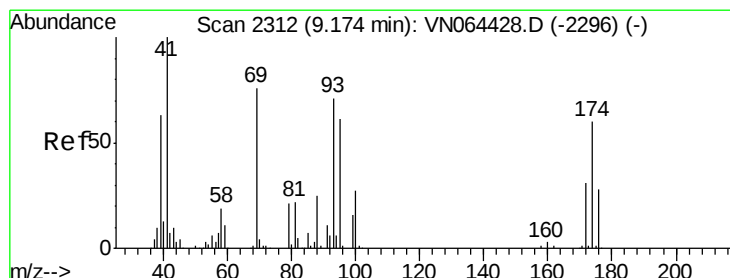
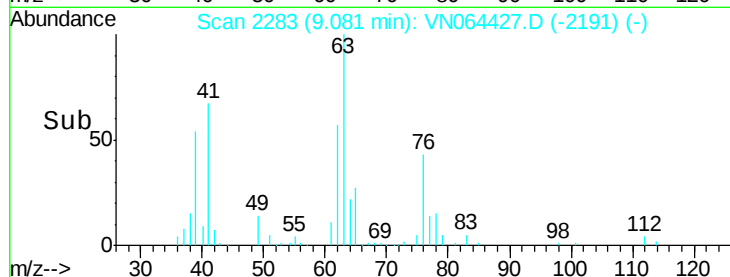
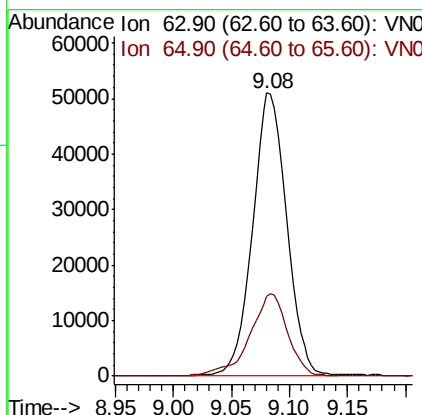
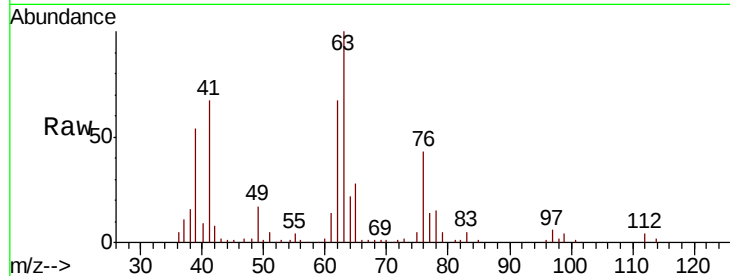




#45
 1,2-Dichloropropane
 Concen: 20.815 ug/l
 RT: 9.08 min Scan# 2283
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

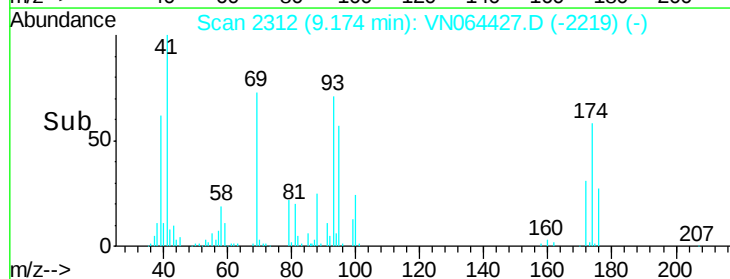
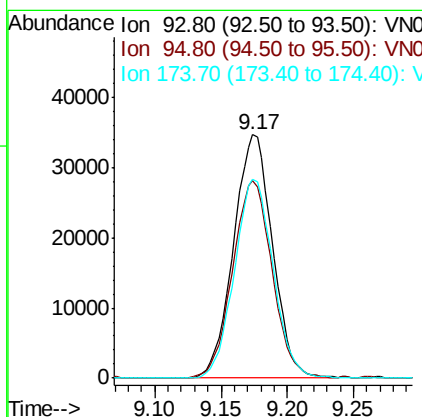
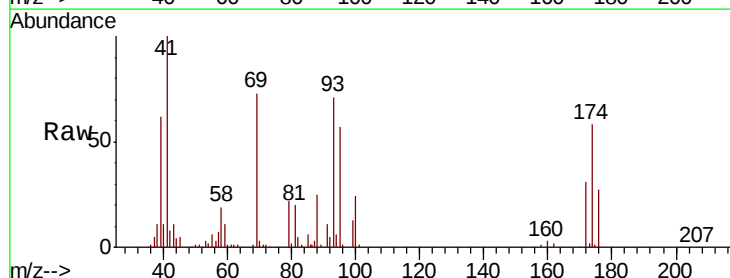
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 63 Resp: 104957
 Ion Ratio Lower Upper
 63 100
 65 28.3 23.6 35.4



#46
 Dibromomethane
 Concen: 20.508 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 93 Resp: 70987
 Ion Ratio Lower Upper
 93 100
 95 82.2 66.4 99.6
 174 81.0 67.2 100.8





#47

Bromodichloromethane

Concen: 19.376 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

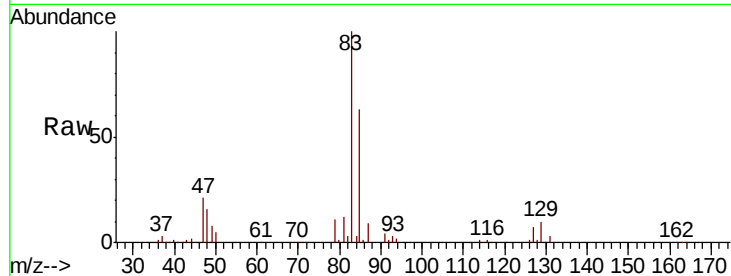
Tot Ion: 83 Resp: 148931

Ion Ratio Lower Upper

83 100

85 62.8 51.2 76.8

127 6.7 6.9 10.3#

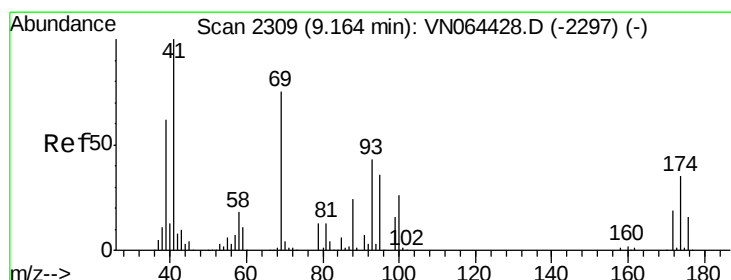
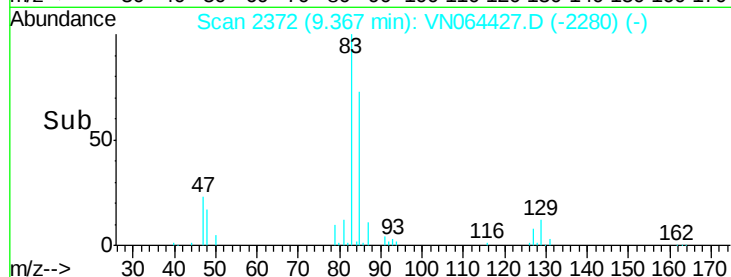


Abundance Ion 82.90 (82.60 to 83.60): VN064427.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064427.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064427.D (-2280) (-)

Time-->



#48

Methyl methacrylate

Concen: 18.811 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

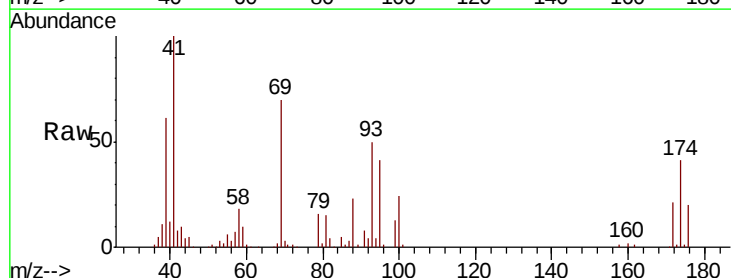
Tgt Ion: 41 Resp: 110986

Ion Ratio Lower Upper

41 100

69 73.2 60.4 90.6

39 63.5 51.2 76.8

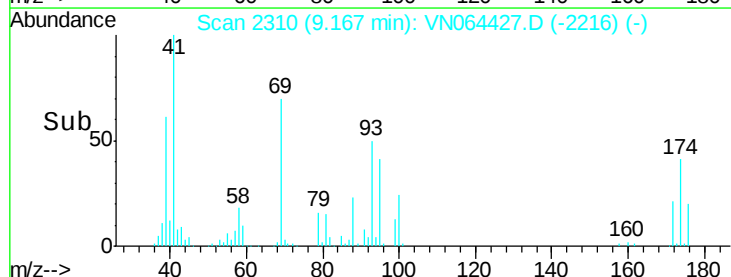


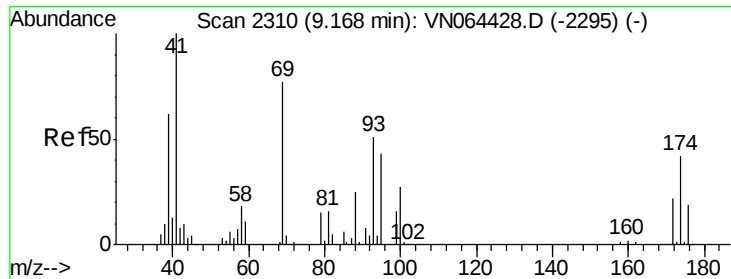
Abundance Ion 41.00 (40.70 to 41.70): VN064427.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064427.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064427.D (-2216) (-)

Time-->

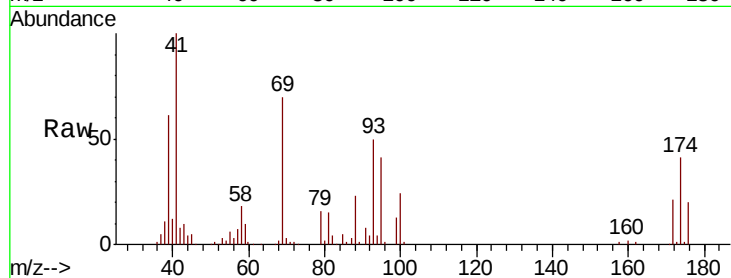




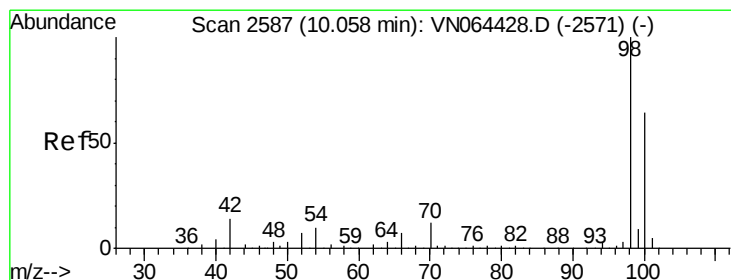
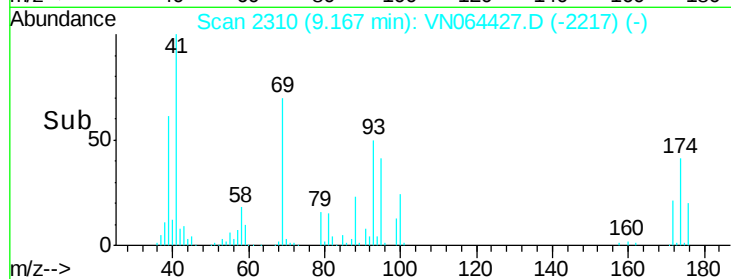
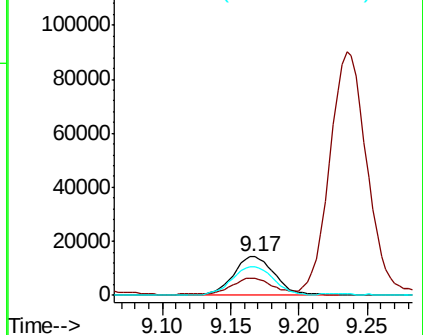
#49
 1,4-Dioxane
 Concen: 355.757 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 88 Resp: 30243
 Ion Ratio Lower Upper
 88 100
 43 39.6 31.0 46.6
 58 74.7 58.4 87.6

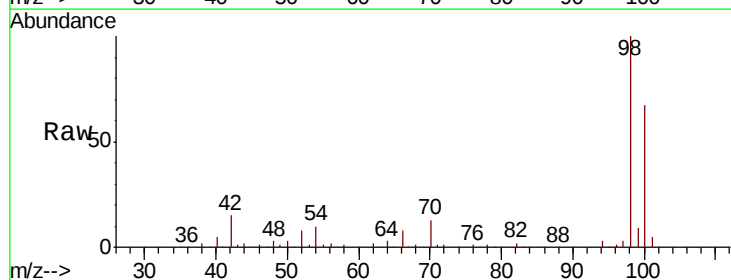


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

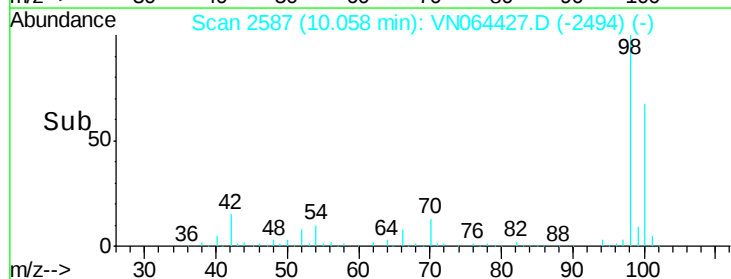
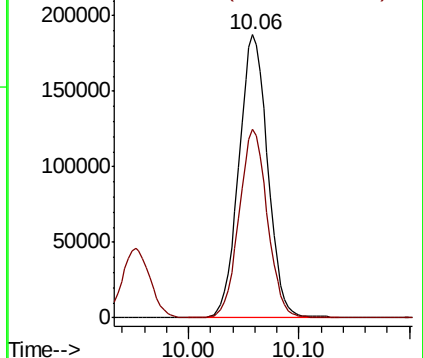


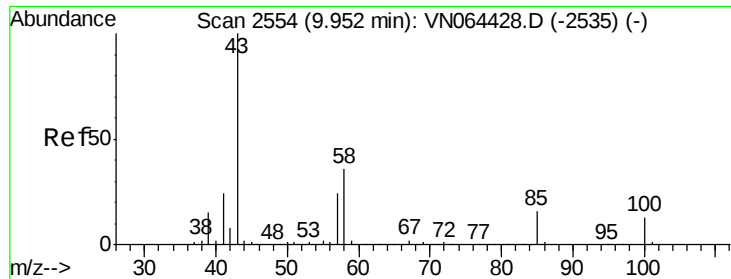
#50
 Toluene-d8
 Concen: 20.790 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 98 Resp: 338881
 Ion Ratio Lower Upper
 98 100
 100 65.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#51

4-Methyl-2-Pentanone

Concen: 97.804 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

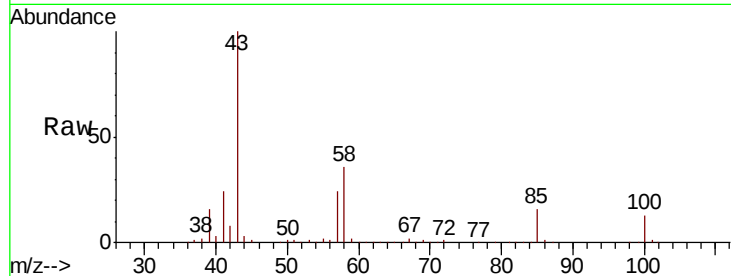
VSTDIC020

Tot Ion: 43 Resp: 653001

Ion Ratio Lower Upper

43 100

58 35.3 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN064427.D (-2461) (-)

Ion 58.00 (57.70 to 58.70): VN064427.D (-2461) (-)

9.95

400000

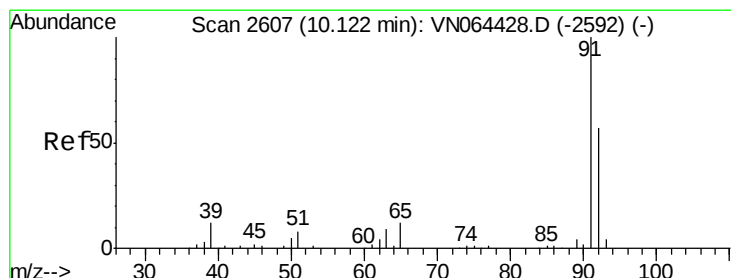
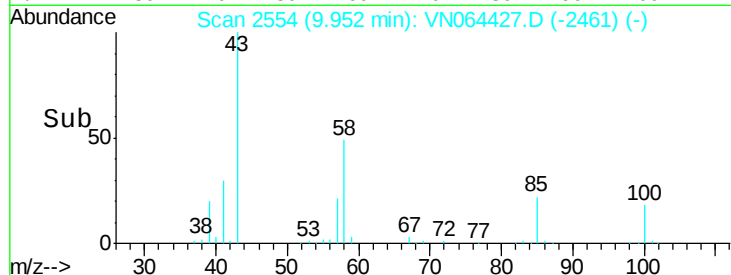
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 20.657 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064427.D

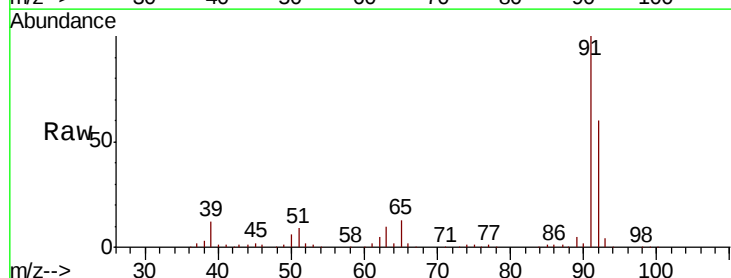
Acq: 4 Nov 2020 10:36

Tgt Ion: 92 Resp: 244639

Ion Ratio Lower Upper

92 100

91 169.9 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN064427.D (-2514) (-)

Ion 91.00 (90.70 to 91.70): VN064427.D (-2514) (-)

10.12

250000

200000

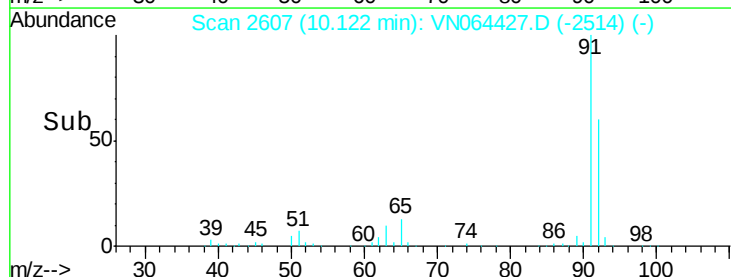
150000

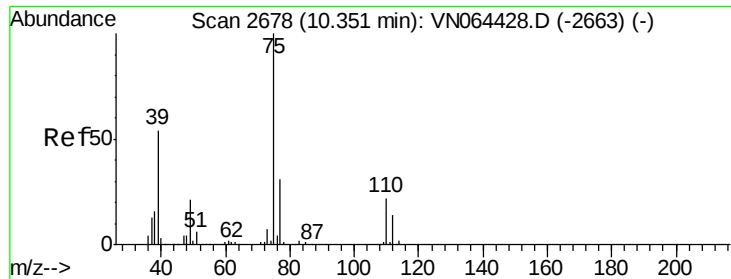
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.560 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampled :

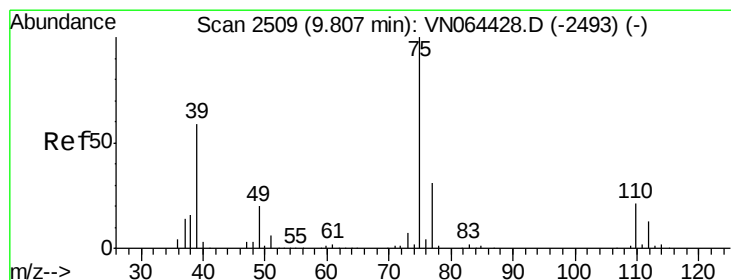
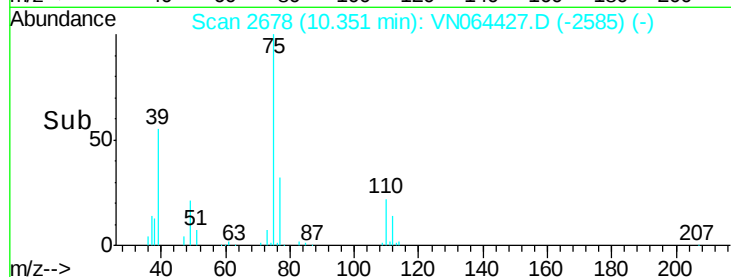
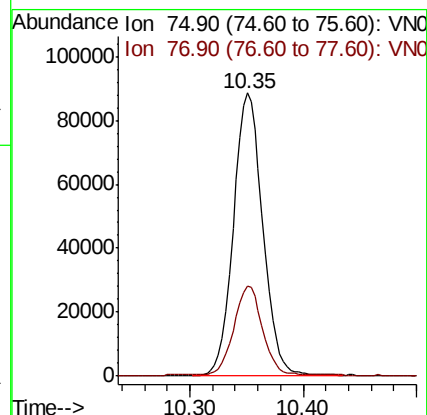
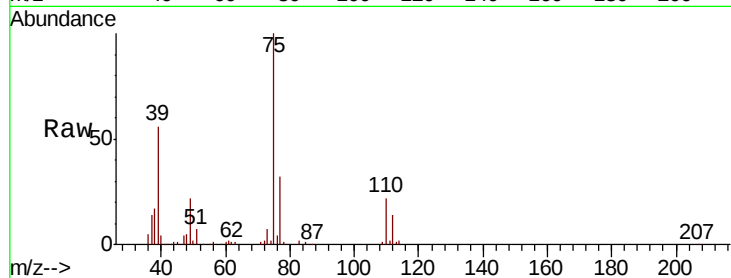
VSTDIC020

Tot Ion: 75 Resp: 159864

Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 20.092 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

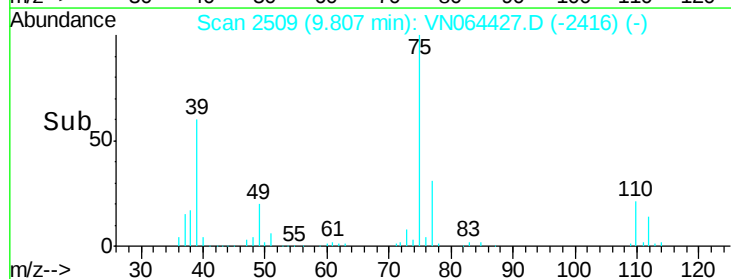
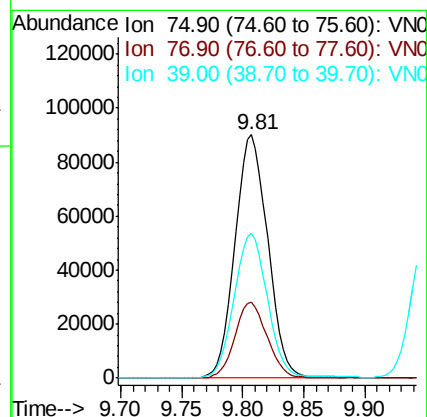
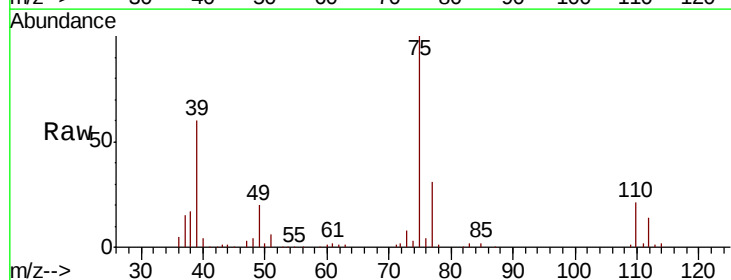
Tgt Ion: 75 Resp: 168916

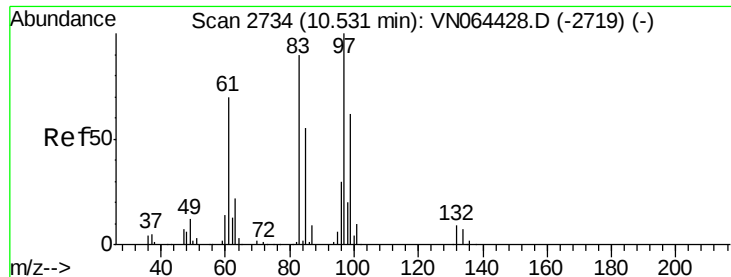
Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3

39 59.3 47.1 70.7

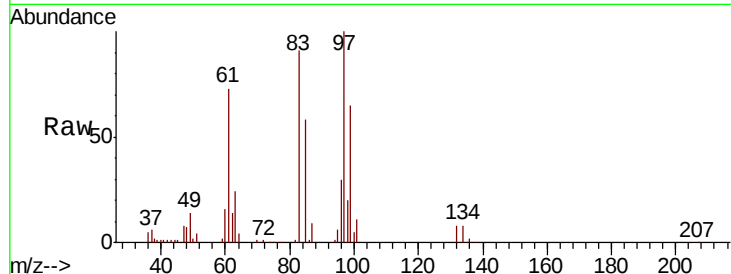




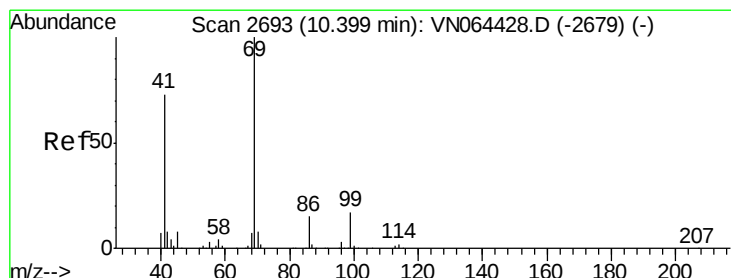
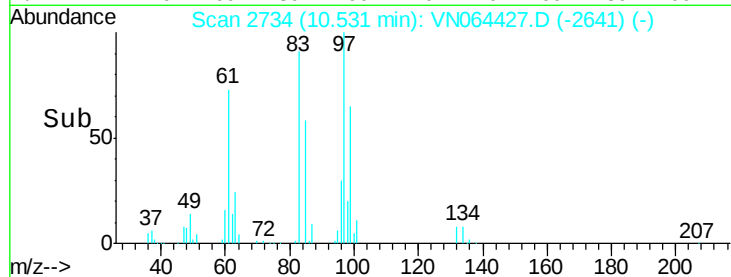
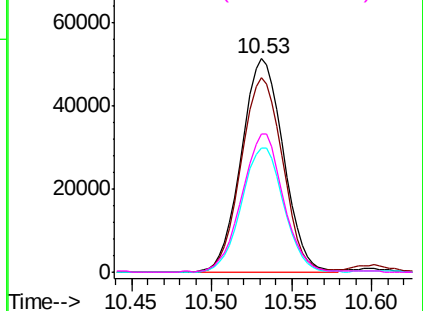
#55
 1,1,2-Trichloroethane
 Concen: 19.852 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tot Ion: 97 Resp: 92334
 Ion Ratio Lower Upper
 97 100
 83 91.0 71.7 107.5
 85 58.3 44.3 66.5
 99 64.6 49.4 74.2

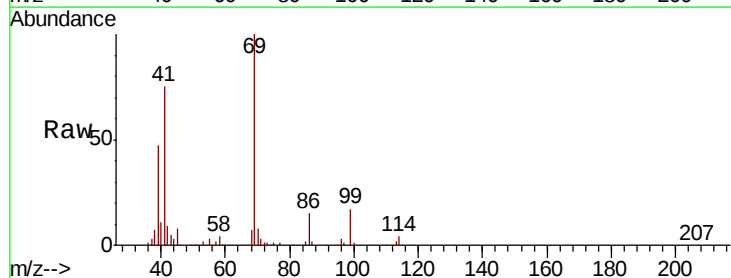


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

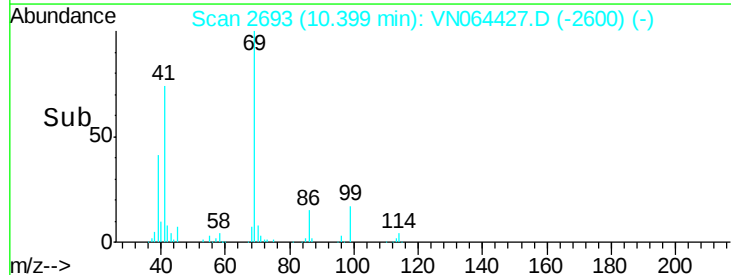
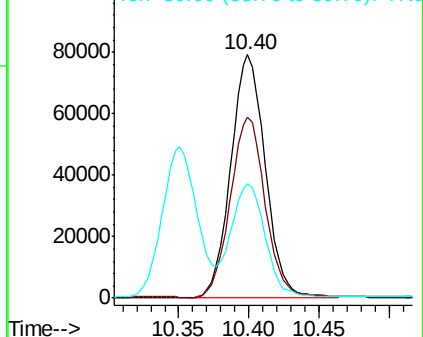


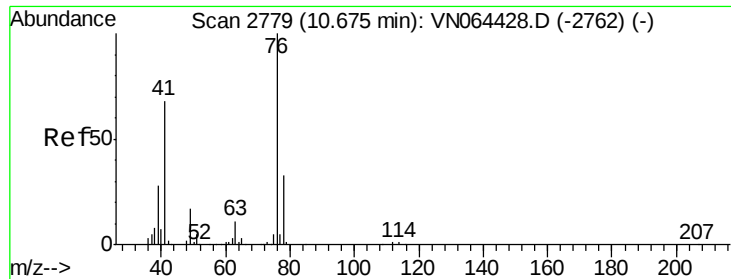
#56
 Ethyl methacrylate
 Concen: 19.414 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 69 Resp: 136110
 Ion Ratio Lower Upper
 69 100
 41 74.0 59.3 88.9
 39 46.3 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

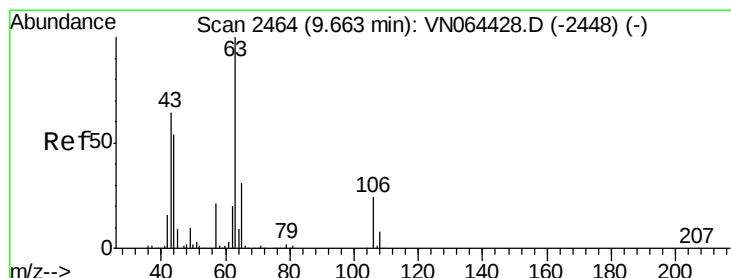
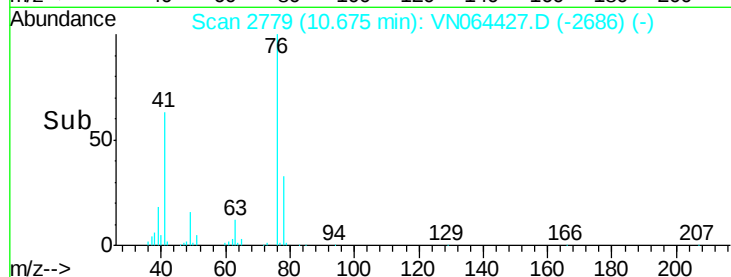
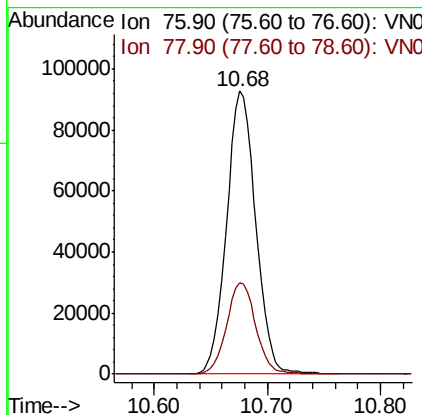
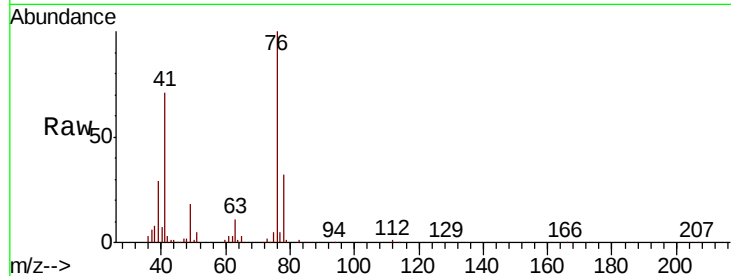




#57
 1,3-Dichloropropane
 Concen: 20.996 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

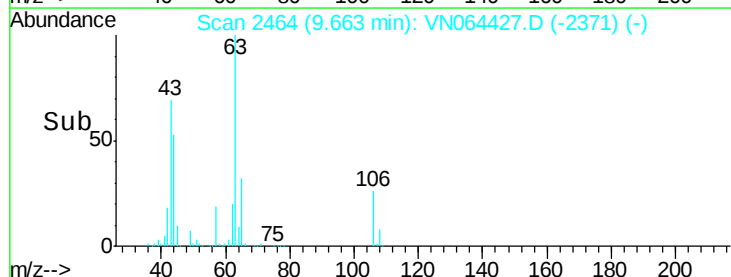
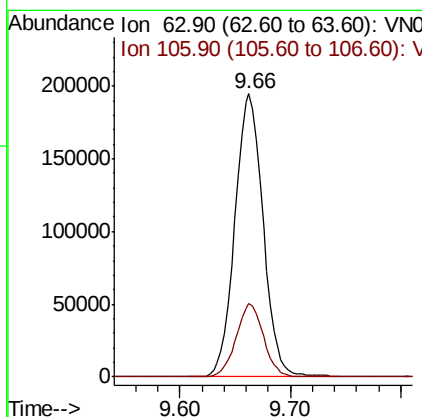
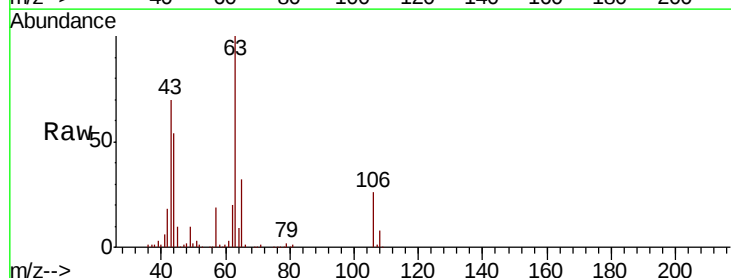
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

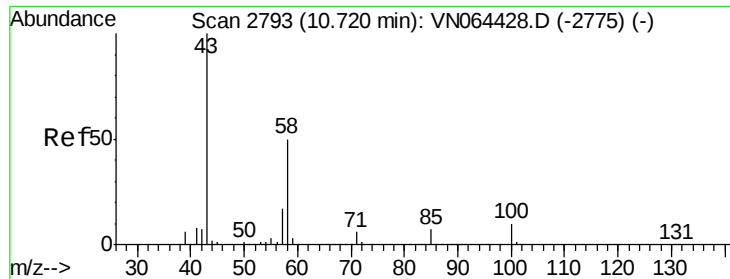
Tot Ion: 76 Resp: 166536
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 94.653 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 63 Resp: 345267
 Ion Ratio Lower Upper
 63 100
 106 25.2 19.5 29.3

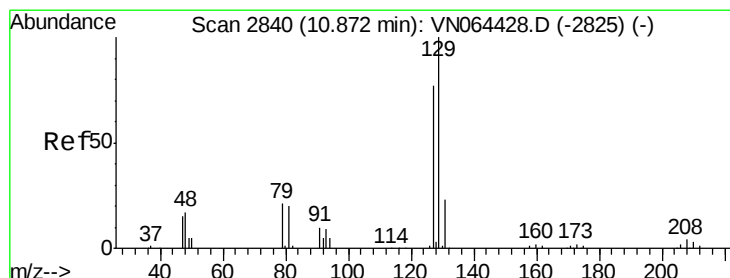
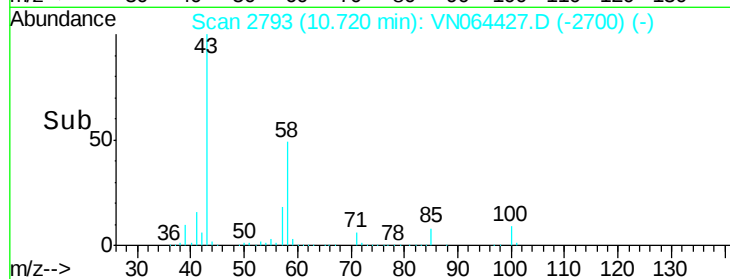
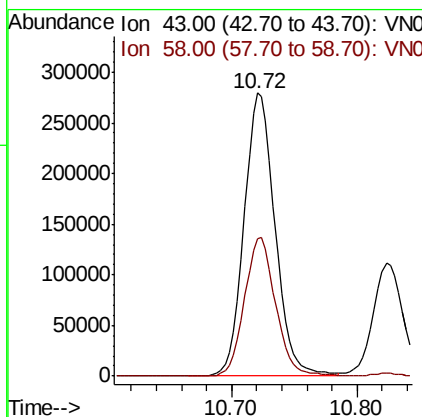
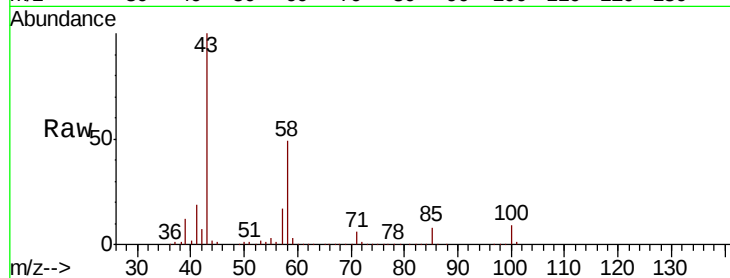




#59
2-Hexanone
Concen: 97.603 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

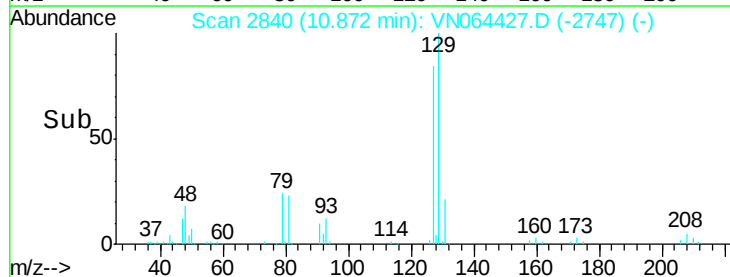
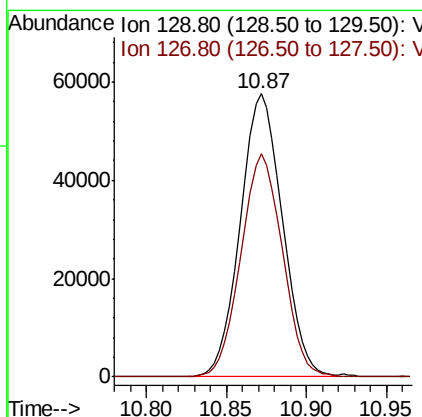
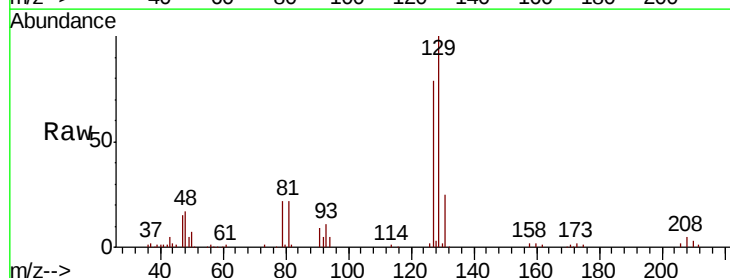
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

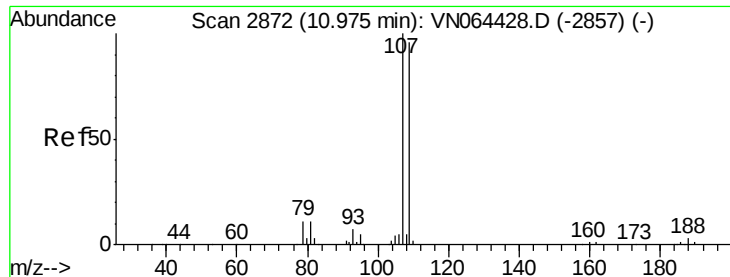
Tot Ion: 43 Resp: 478944
Ion Ratio Lower Upper
43 100
58 49.3 24.7 74.1



#60
Dibromochloromethane
Concen: 19.132 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 129 Resp: 103608
Ion Ratio Lower Upper
129 100
127 77.5 38.9 116.7

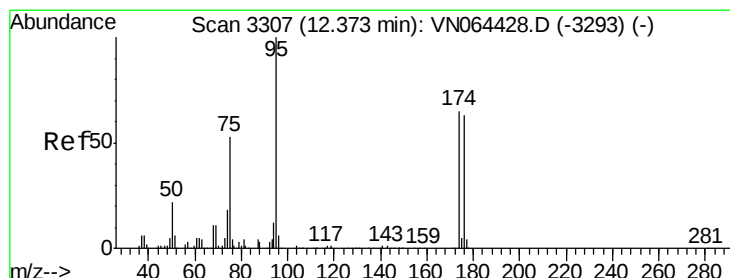
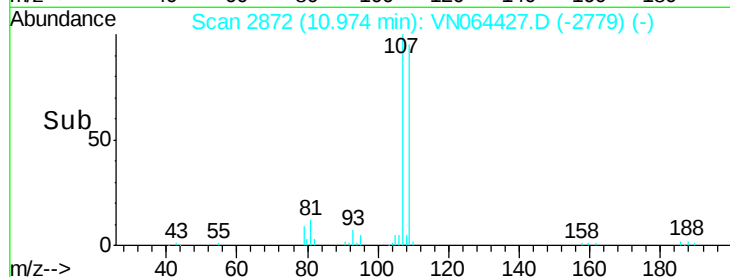
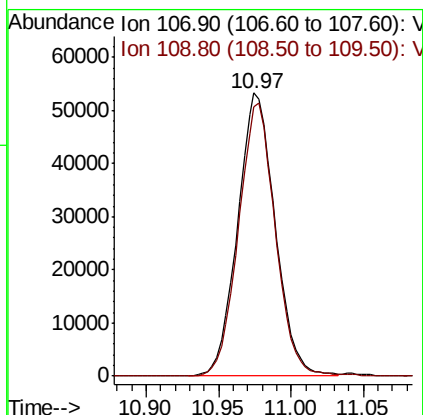
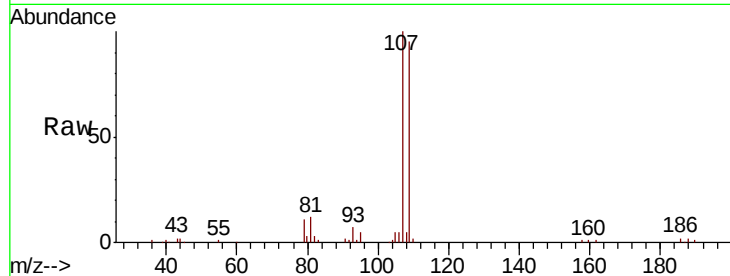




#61
 1,2-Dibromoethane
 Concen: 20.319 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

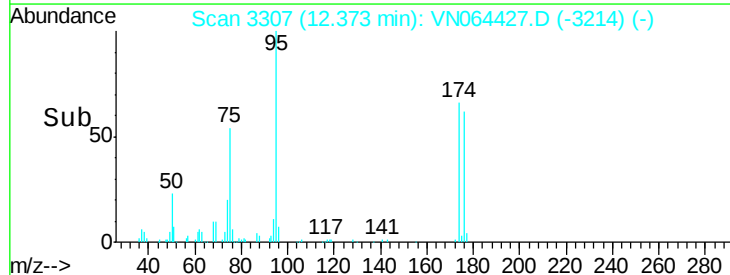
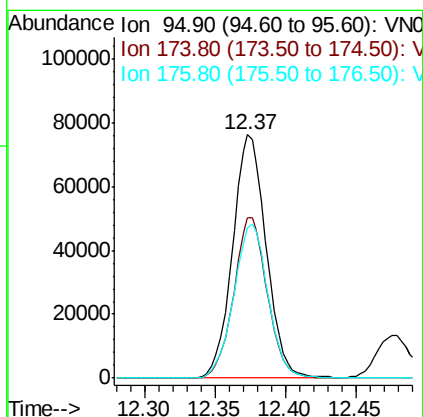
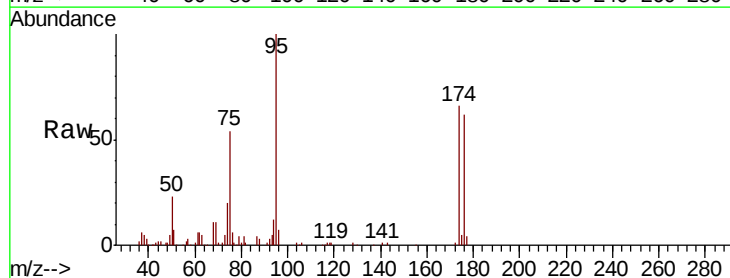
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

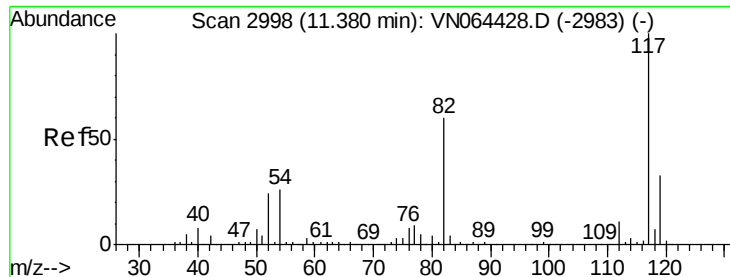
Tot Ion: 107 Resp: 95699
 Ion Ratio Lower Upper
 107 100
 109 94.9 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 20.153 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 95 Resp: 127270
 Ion Ratio Lower Upper
 95 100
 174 65.5 0.0 132.6
 176 64.7 0.0 129.2

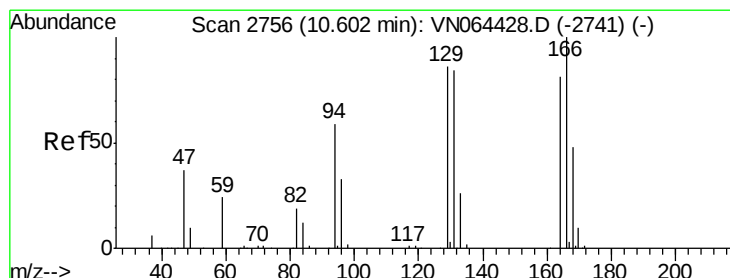
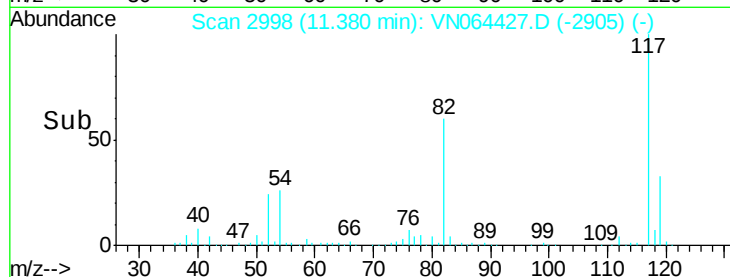
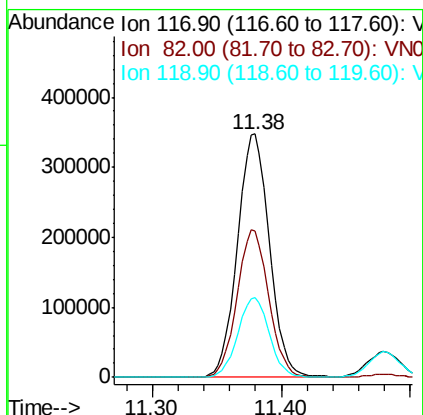
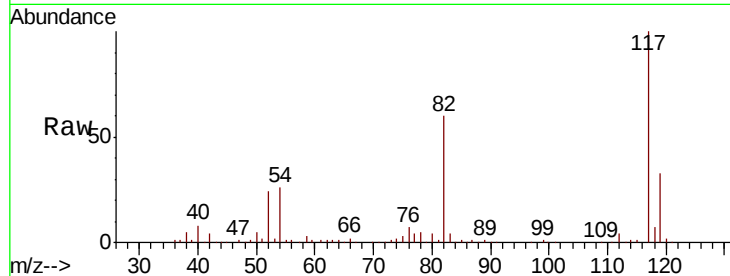




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

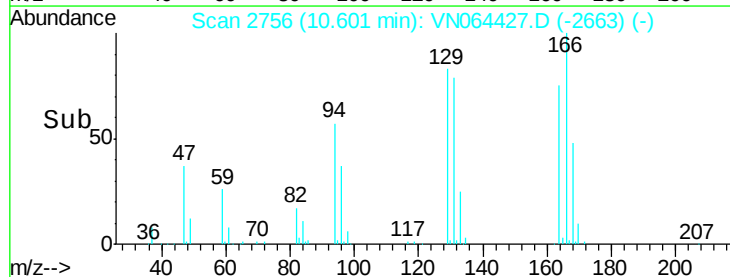
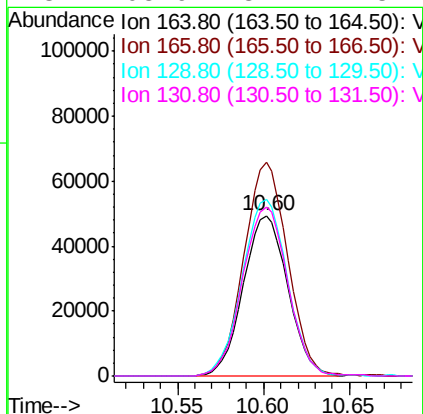
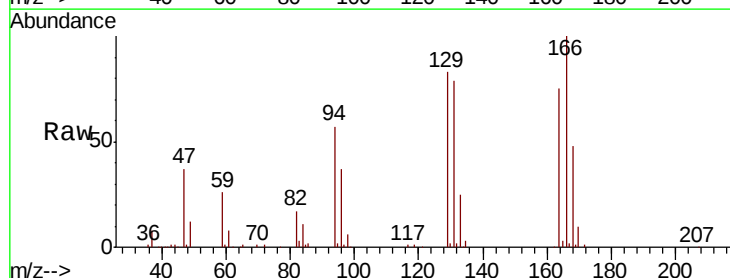
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

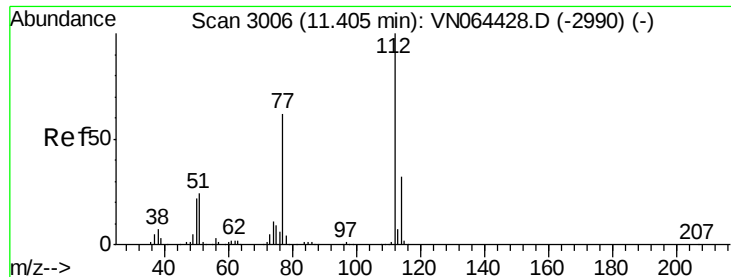
Tot Ion:117 Resp: 600761
Ion Ratio Lower Upper
117 100
82 60.2 48.1 72.1
119 32.9 26.2 39.4



#64
Tetrachloroethene
Concen: 17.946 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion:164 Resp: 88483
Ion Ratio Lower Upper
164 100
166 133.4 98.2 147.2
129 110.3 84.6 127.0
131 105.9 82.2 123.2

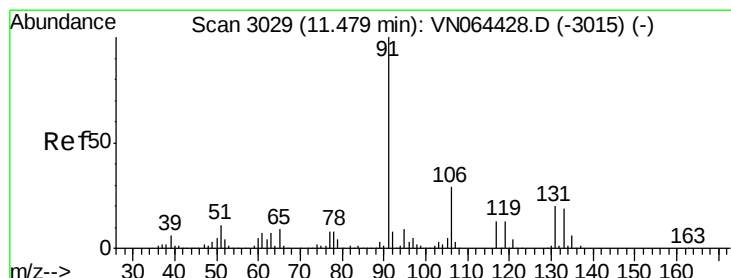
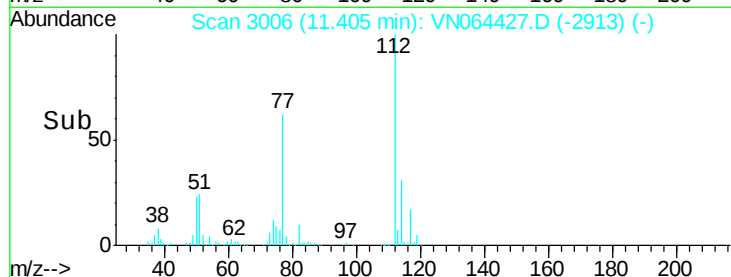
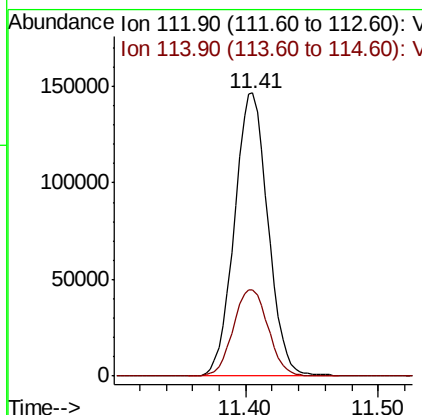
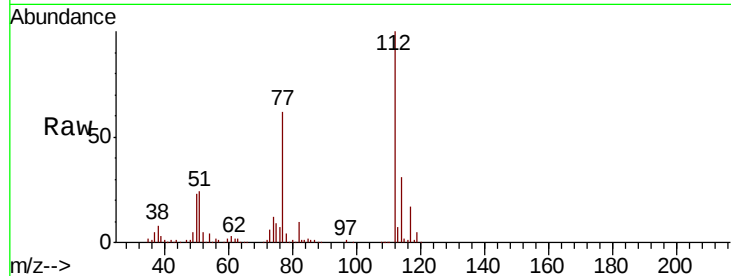




#65
Chlorobenzene
Concen: 20.750 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

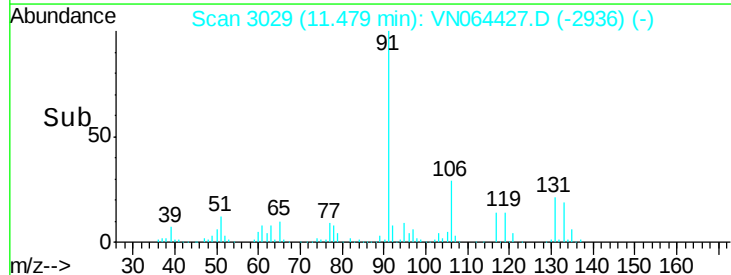
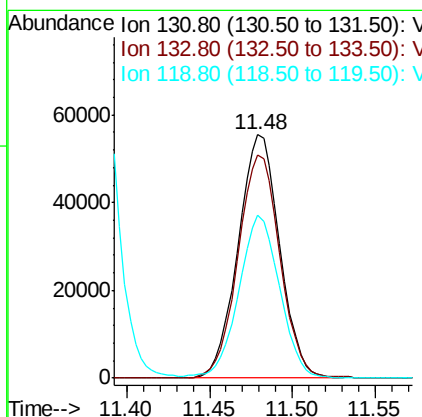
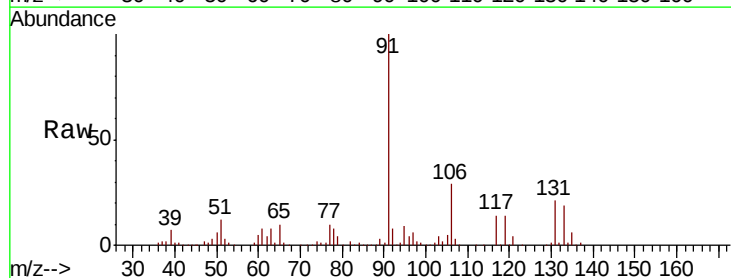
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

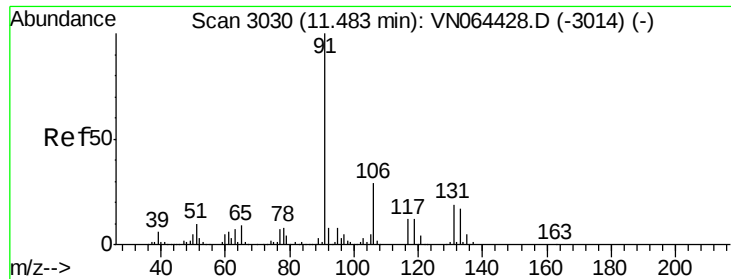
Tot Ion:112 Resp: 257838
Ion Ratio Lower Upper
112 100
114 30.7 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 19.423 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion:131 Resp: 96560
Ion Ratio Lower Upper
131 100
133 92.6 46.9 140.7
119 65.4 32.1 96.5

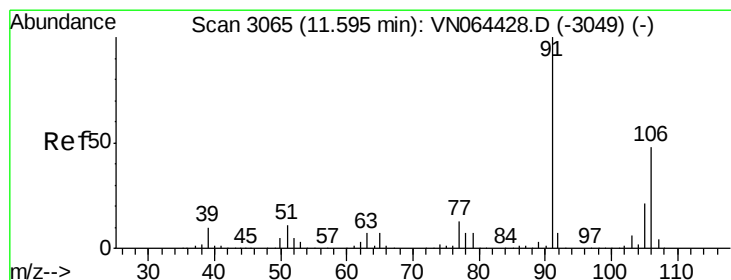
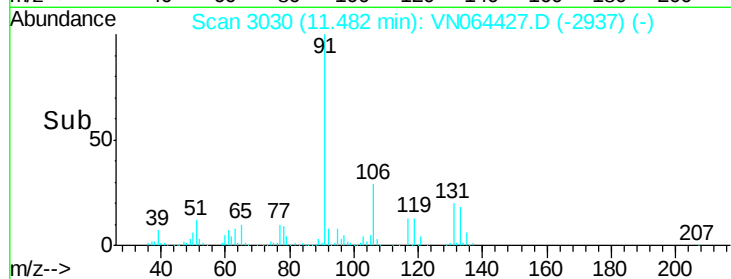
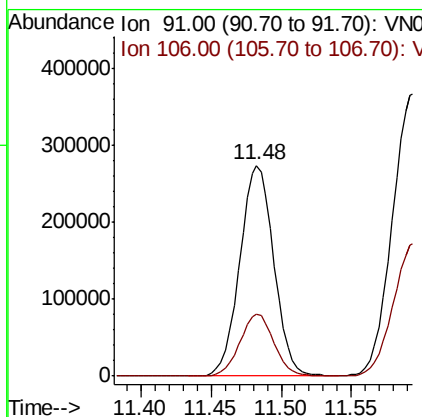
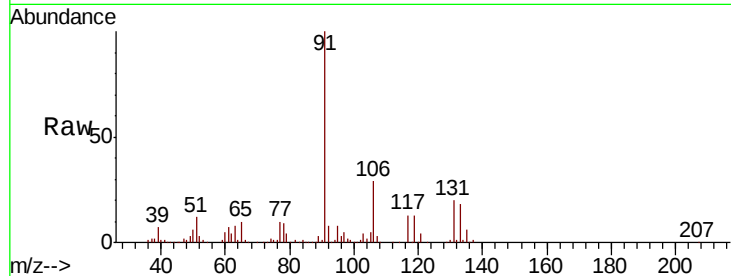




#67
Ethyl Benzene
Concen: 20.010 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

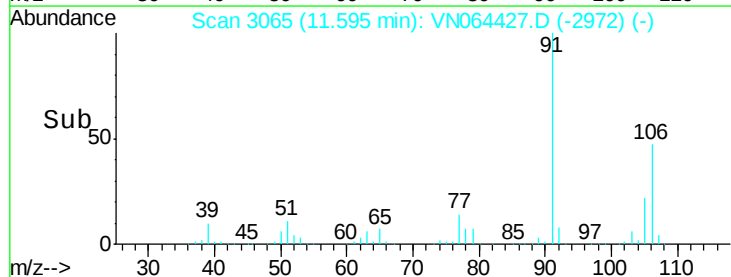
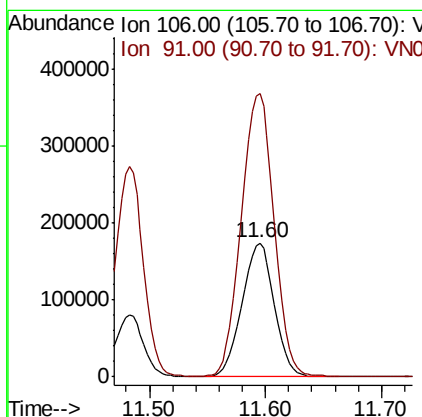
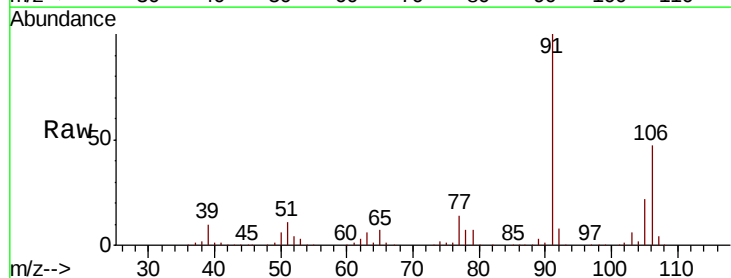
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

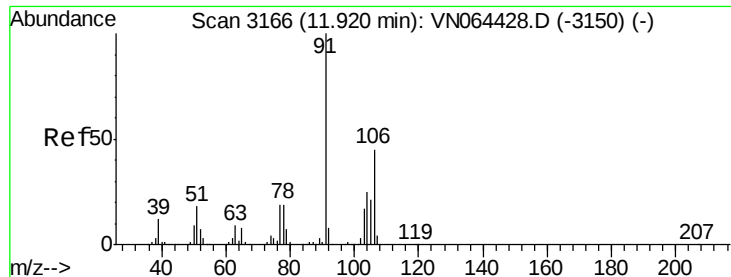
Tot Ion: 91 Resp: 461909
Ion Ratio Lower Upper
91 100
106 29.5 23.6 35.4



#68
m/p-Xylenes
Concen: 39.080 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 106 Resp: 333798
Ion Ratio Lower Upper
106 100
91 217.2 169.4 254.2

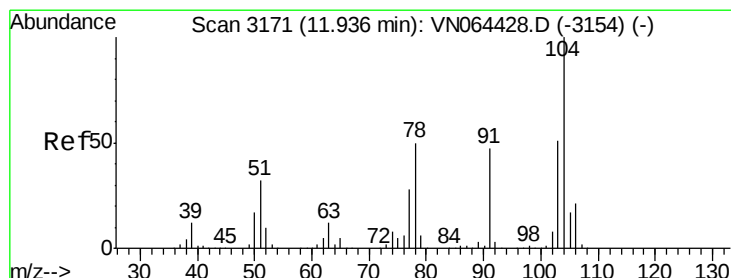
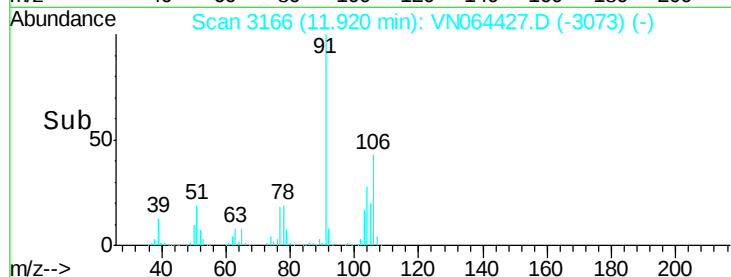
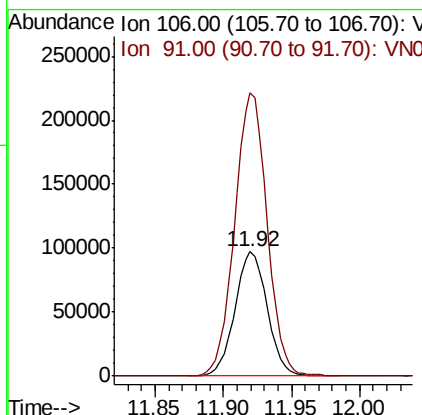
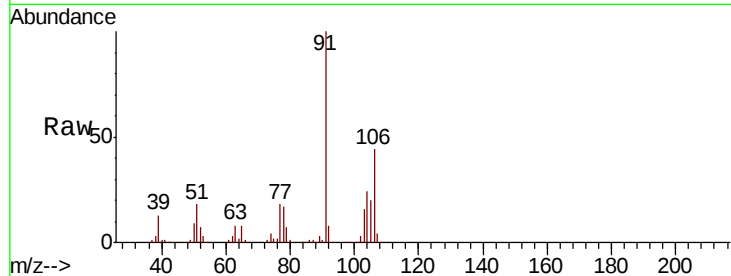




#69
o-Xylene
Concen: 19.407 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

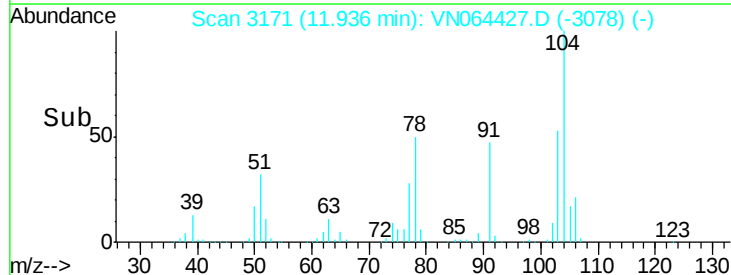
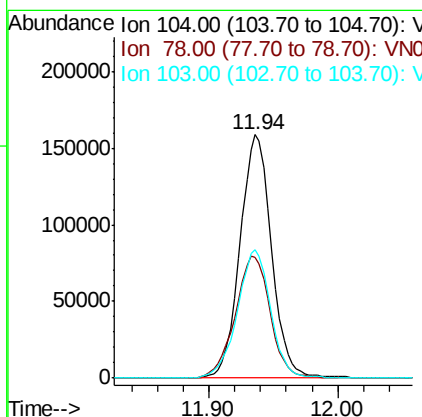
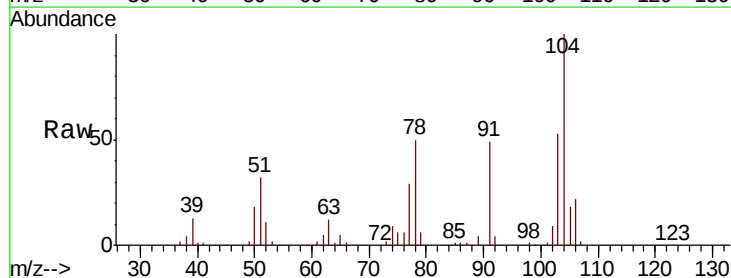
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

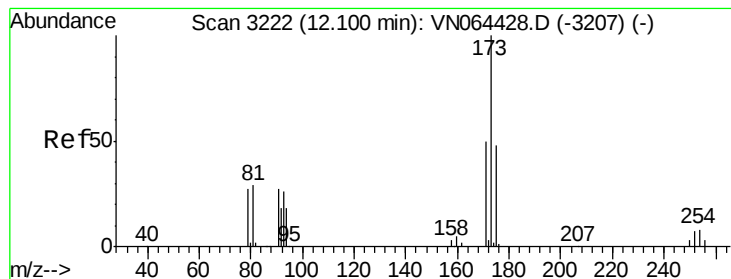
Tot Ion:106 Resp: 159867
Ion Ratio Lower Upper
106 100
91 228.8 111.7 334.9



#70
Styrene
Concen: 19.996 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion:104 Resp: 269980
Ion Ratio Lower Upper
104 100
78 55.6 44.0 66.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 16.660 ug/l

RT: 12.10 min Scan# 3221

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

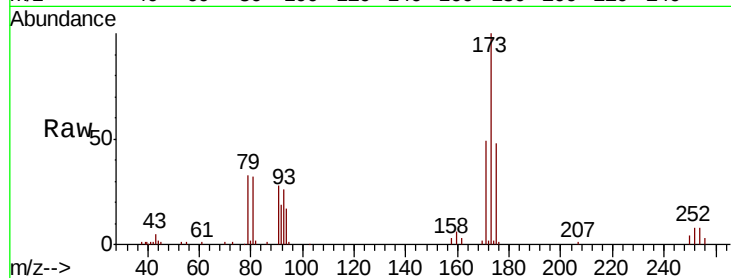
Tot Ion:173 Resp: 63681

Ion Ratio Lower Upper

173 100

175 49.7 23.7 71.1

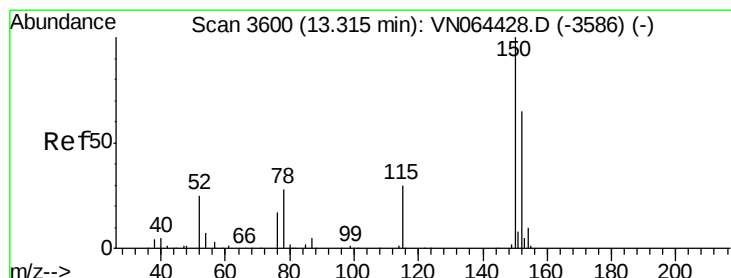
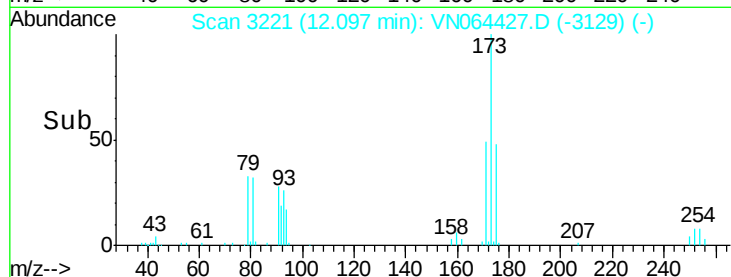
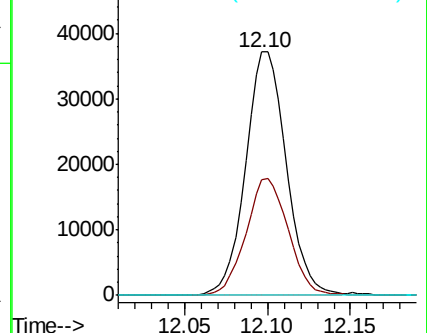
254 0.0 0.0 0.0



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: VN064427.D

Acq: 4 Nov 2020 10:36

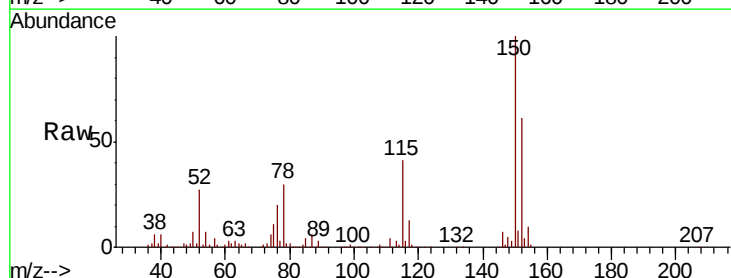
Tgt Ion:152 Resp: 264227

Ion Ratio Lower Upper

152 100

115 65.9 32.0 96.0

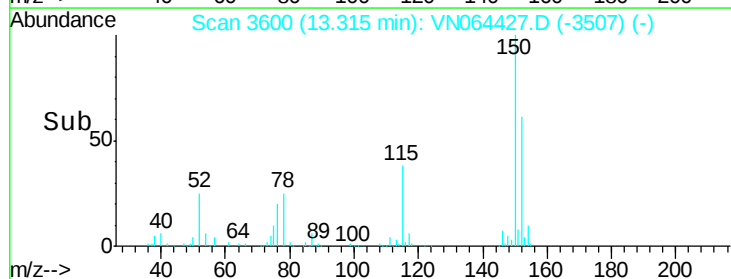
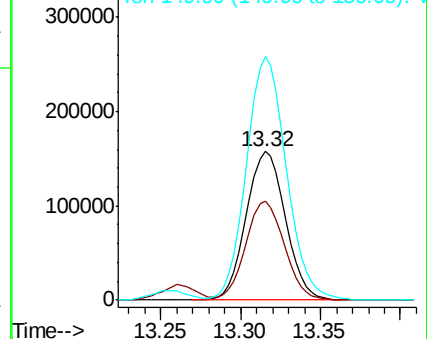
150 166.0 0.0 353.8



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

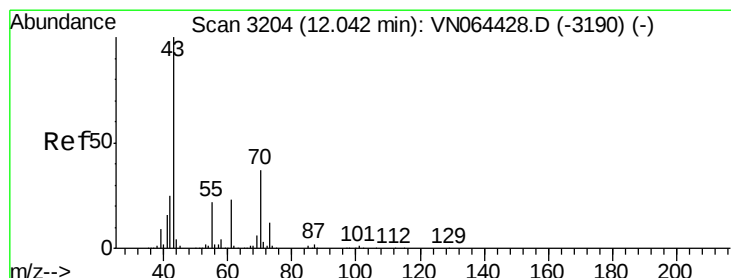
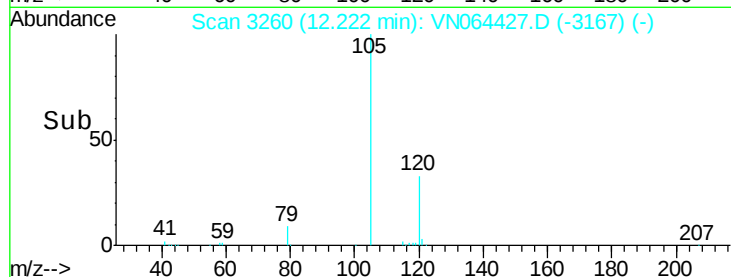
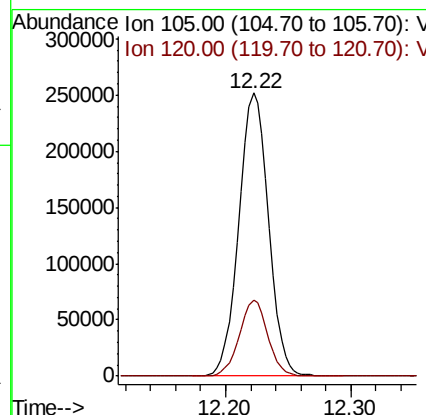
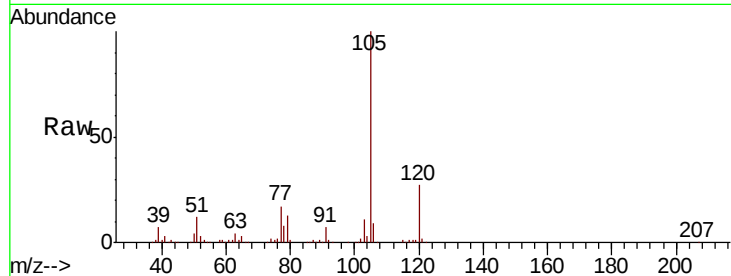




#73
Isopropylbenzene
Concen: 20.457 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

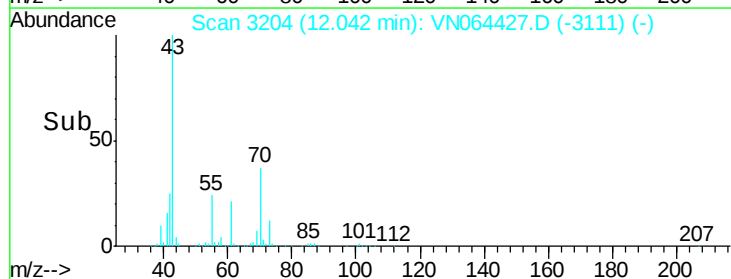
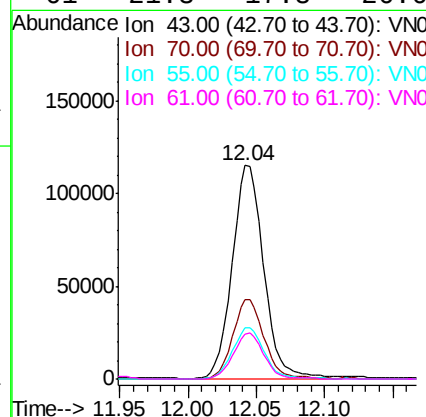
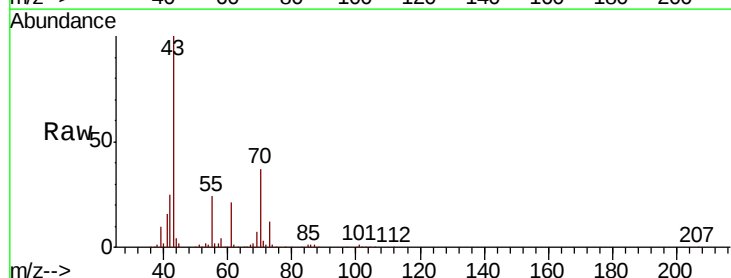
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

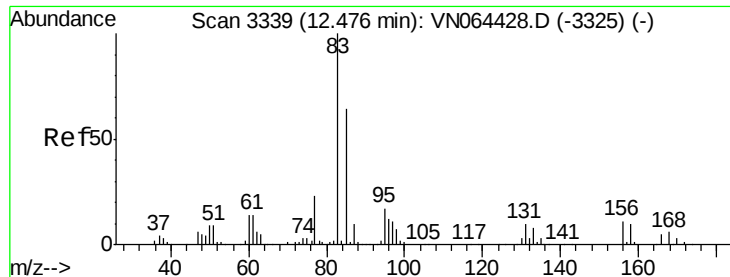
Tot Ion:105 Resp: 413679
Ion Ratio Lower Upper
105 100
120 25.7 12.8 38.3



#74
N-ethyl acetate
Concen: 20.780 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 43 Resp: 184483
Ion Ratio Lower Upper
43 100
70 37.1 29.6 44.4
55 24.7 18.4 27.6
61 21.3 17.8 26.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.585 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

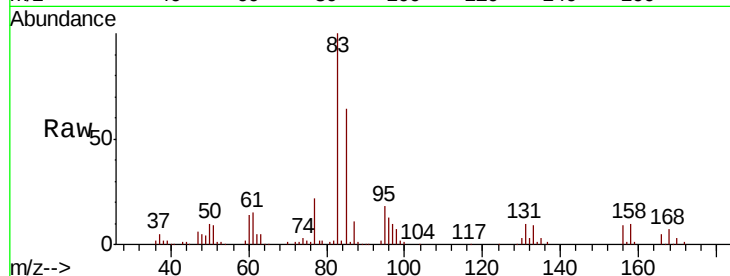
Tot Ion: 83 Resp: 127453

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

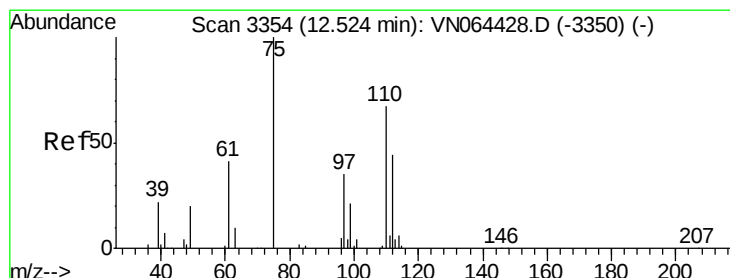
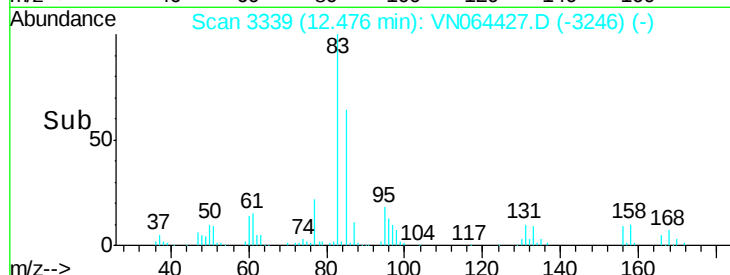
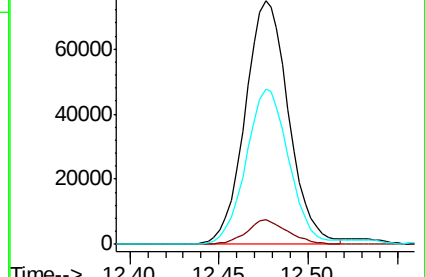
85 62.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064427.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064427.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064427.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 28.402 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064427.D

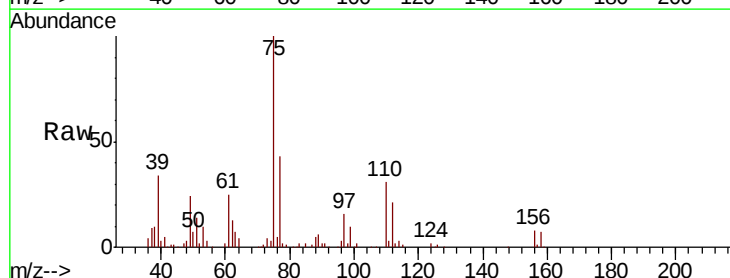
Acq: 4 Nov 2020 10:36

Tgt Ion: 75 Resp: 179888

Ion Ratio Lower Upper

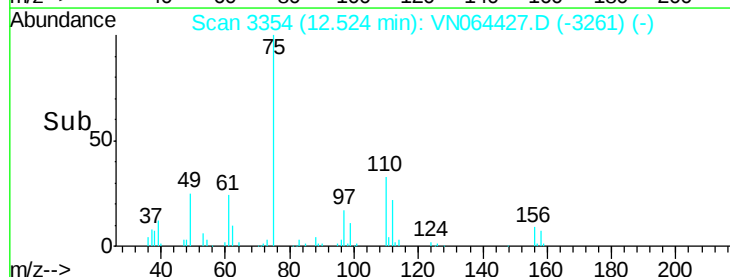
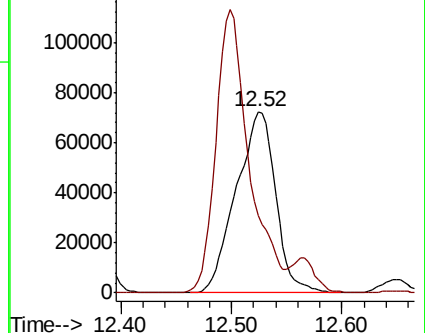
75 100

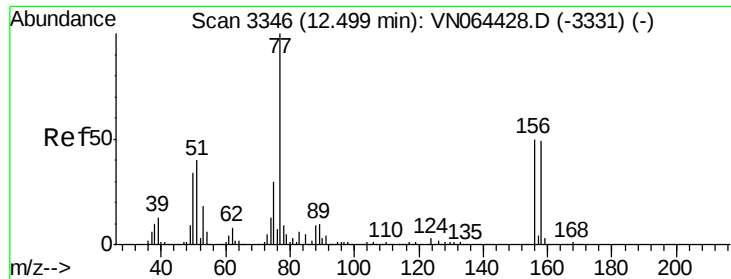
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064427.D (-3350) (-)

Ion 77.00 (76.70 to 77.70): VN064427.D (-3350) (-)





#77

Bromobenzene

Concen: 20.136 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampled :

VSTDIC020

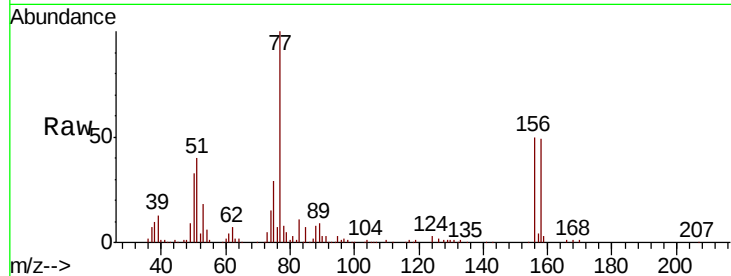
Tot Ion:156 Resp: 98833

Ion Ratio Lower Upper

156 100

77 237.5 119.0 357.0

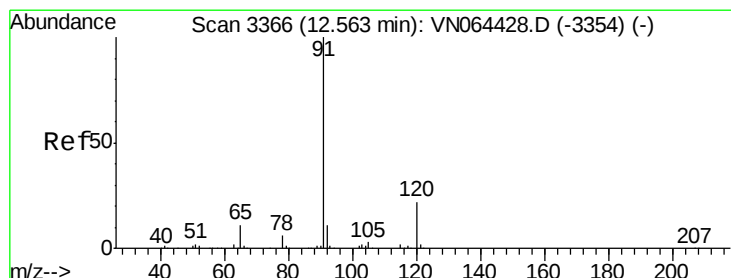
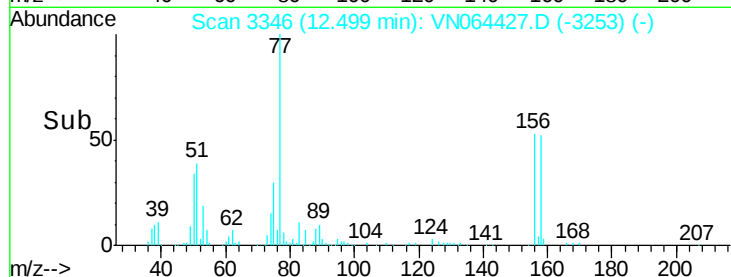
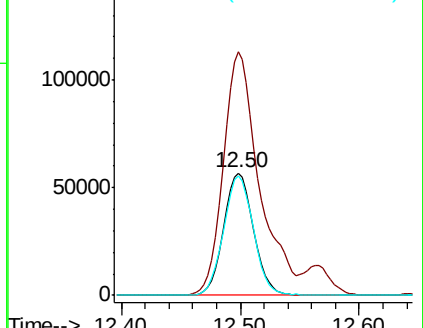
158 97.3 48.4 145.3



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: 20.581 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064427.D

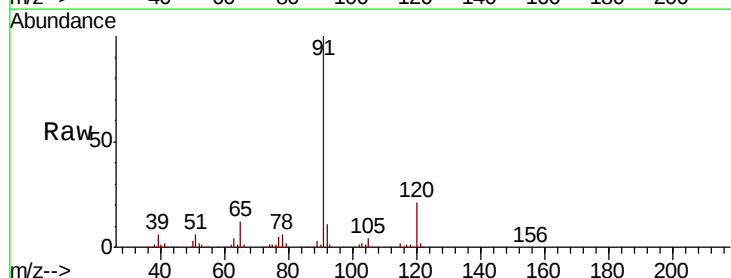
Acq: 4 Nov 2020 10:36

Tgt Ion: 91 Resp: 471072

Ion Ratio Lower Upper

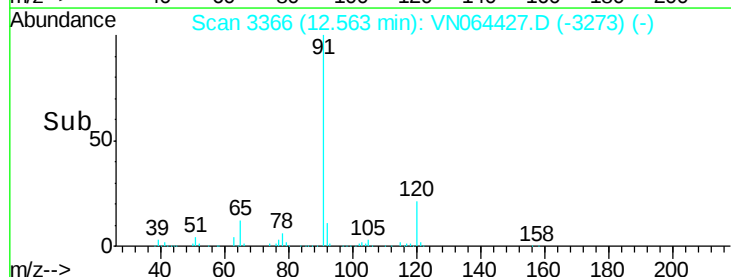
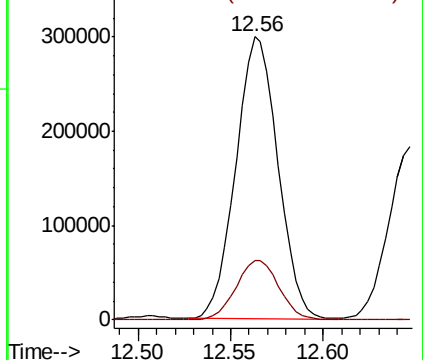
91 100

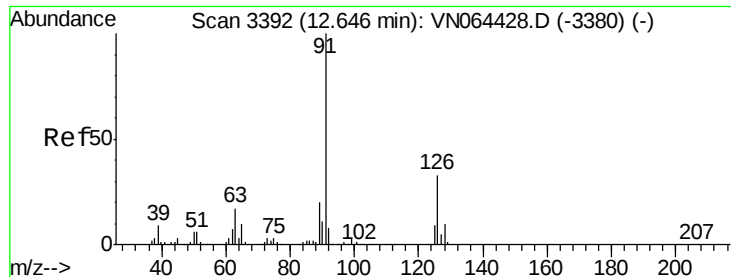
120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.784 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

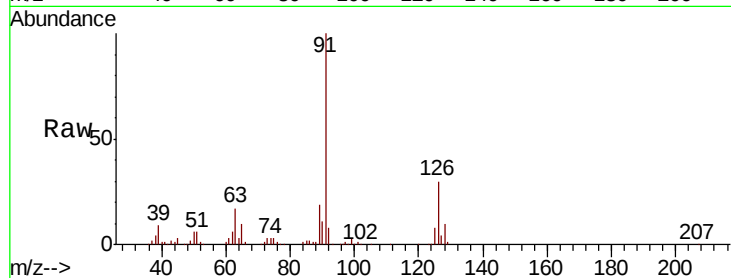
VSTDIC020

Tot Ion: 91 Resp: 302965

Ion Ratio Lower Upper

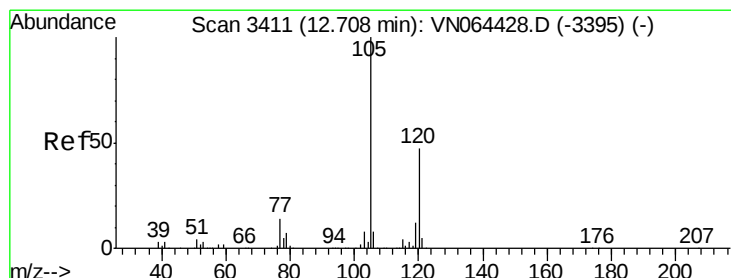
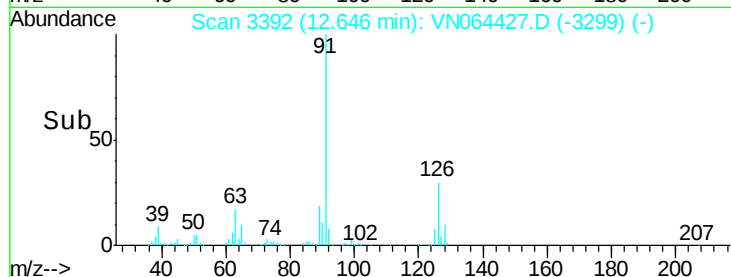
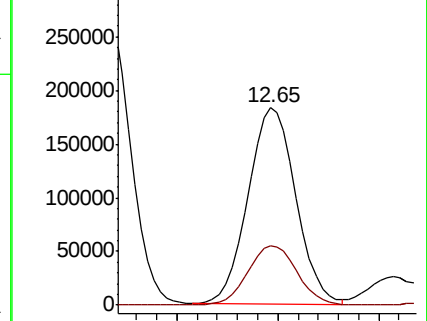
91 100

126 31.5 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN064427.D (-3399) (-)

Ion 125.90 (125.60 to 126.60): VN064427.D (-3399) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.188 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064427.D

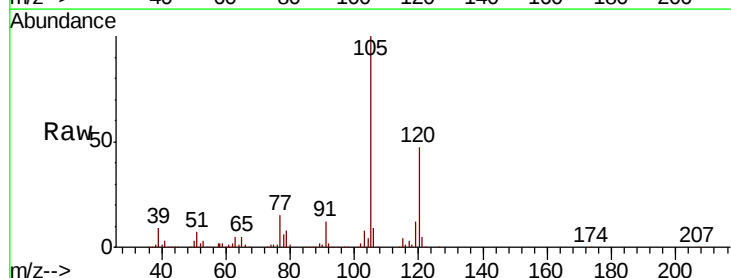
Acq: 4 Nov 2020 10:36

Tgt Ion:105 Resp: 343810

Ion Ratio Lower Upper

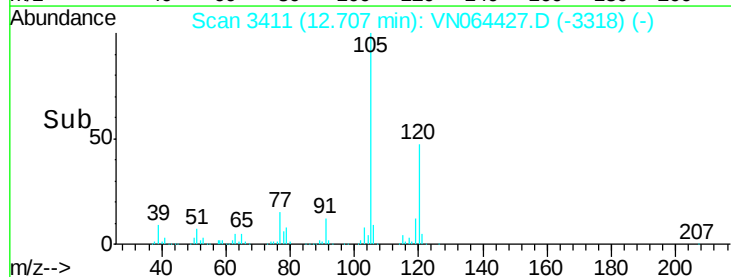
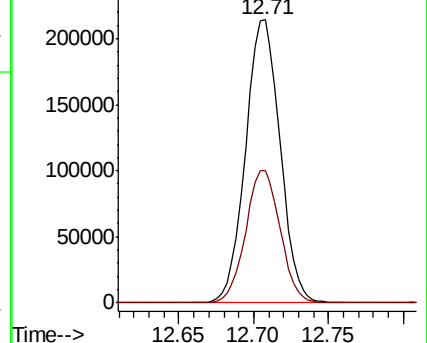
105 100

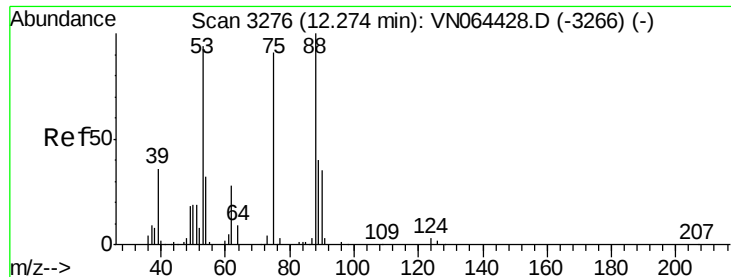
120 47.0 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064427.D (-3318) (-)

Ion 120.00 (119.70 to 120.70): VN064427.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.922 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064427.D

Acq: 4 Nov 2020 10:36

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

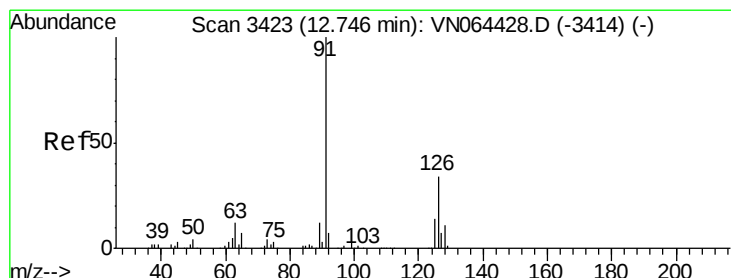
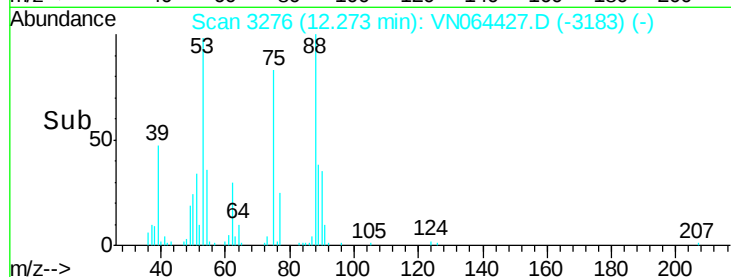
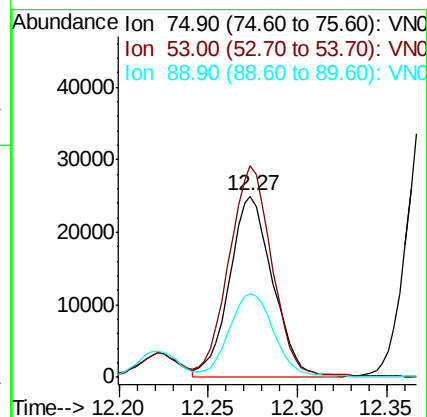
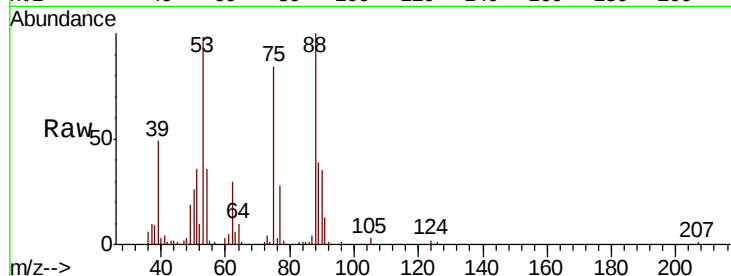
Tot Ion: 75 Resp: 42140

Ion Ratio Lower Upper

75 100

53 112.7 84.0 126.0

89 48.4 36.3 54.5



#82

4-Chlorotoluene

Concen: 21.183 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064427.D

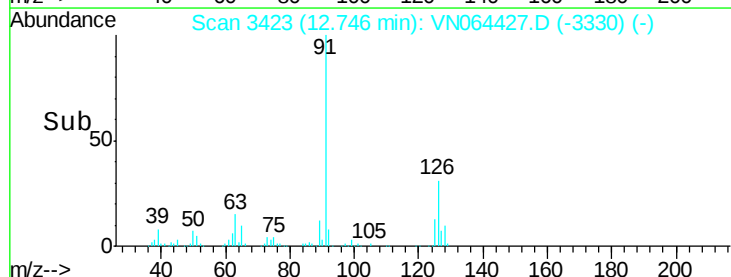
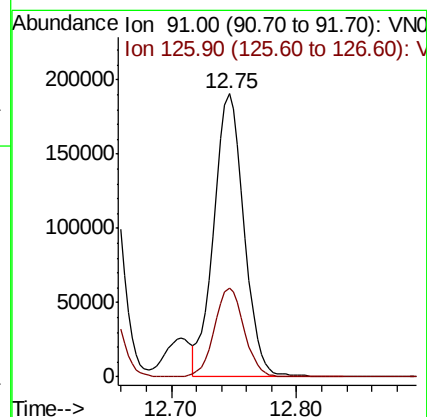
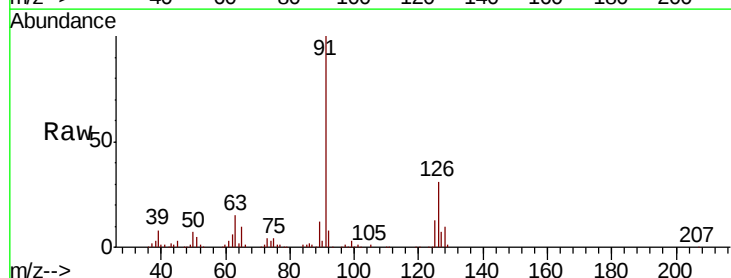
Acq: 4 Nov 2020 10:36

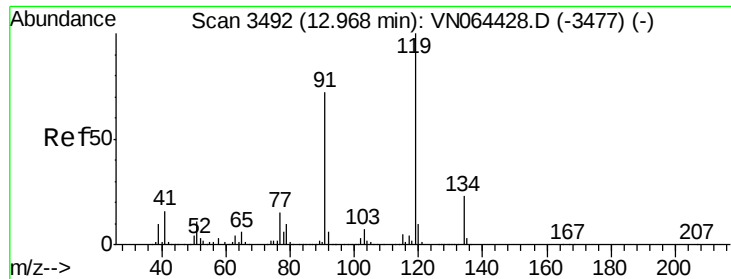
Tgt Ion: 91 Resp: 316542

Ion Ratio Lower Upper

91 100

126 30.8 15.4 46.2

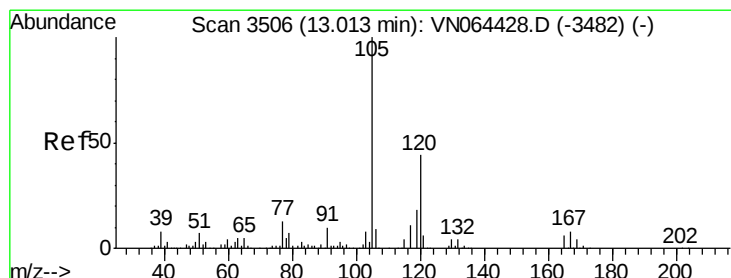
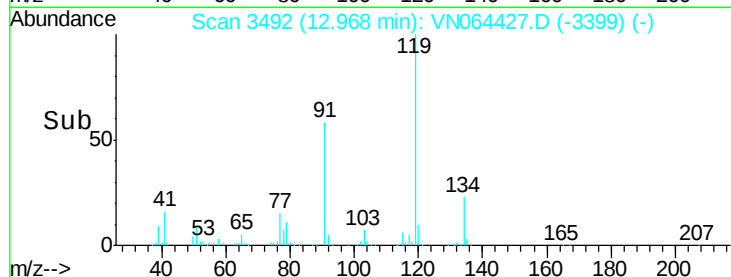
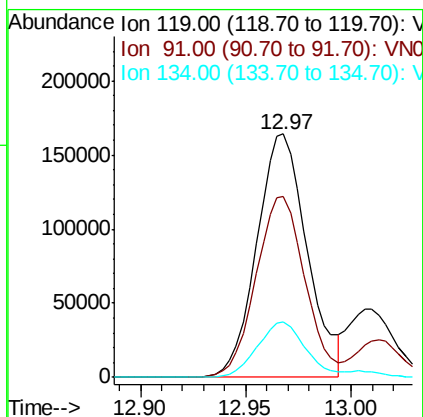
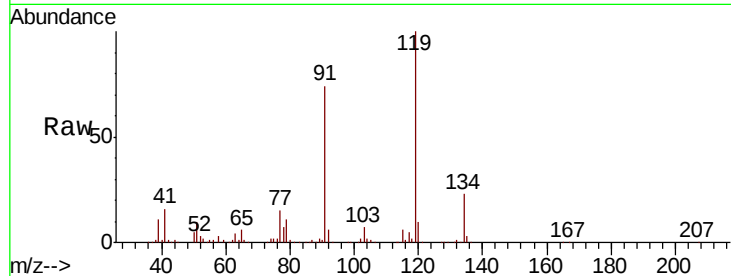




#83
tert-Butylbenzene
Concen: 19.670 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

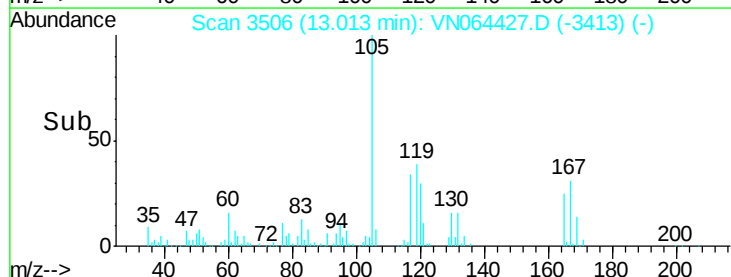
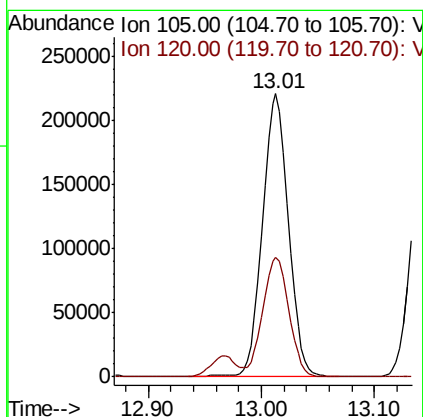
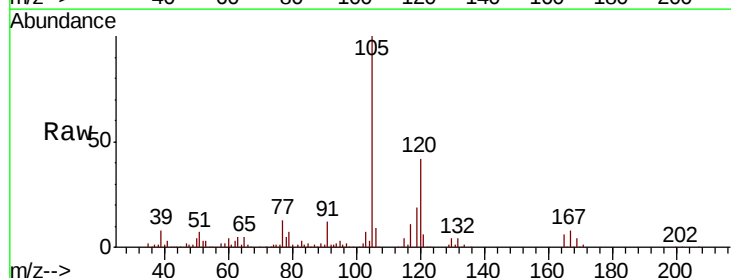
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

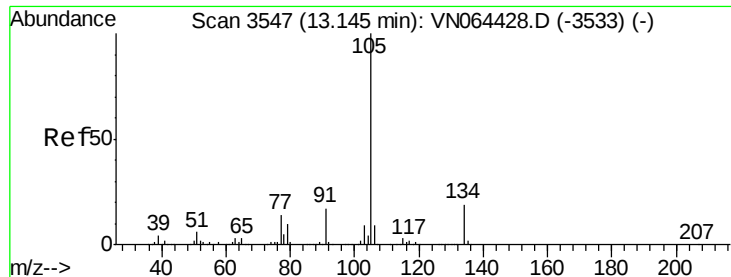
Tot Ion:119 Resp: 272310
Ion Ratio Lower Upper
119 100
91 72.3 36.1 108.3
134 22.1 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.585 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion:105 Resp: 350765
Ion Ratio Lower Upper
105 100
120 42.6 21.9 65.7

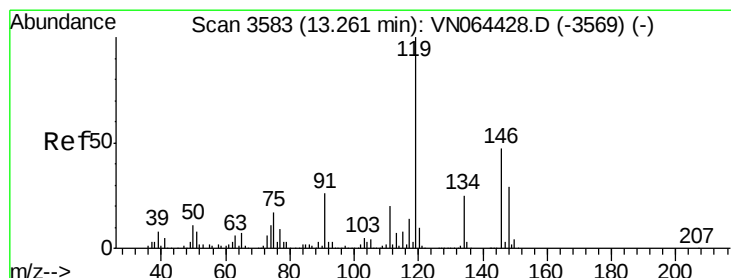
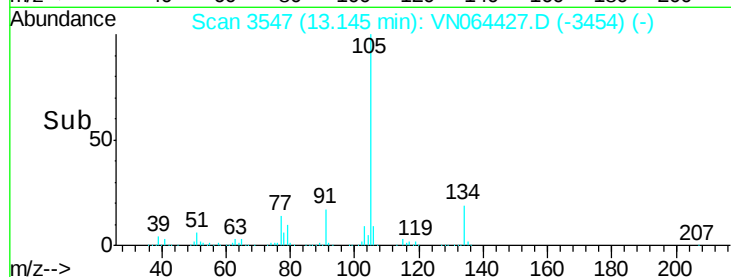
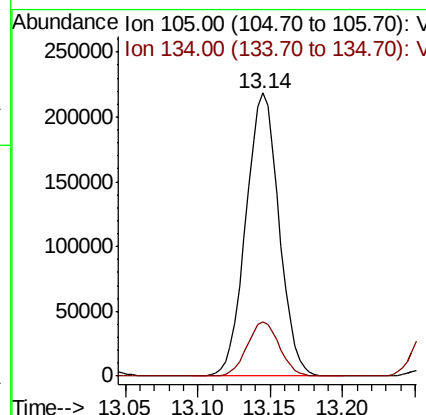
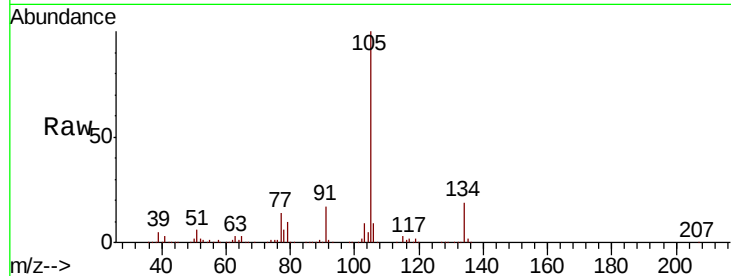




#85
 sec-Butylbenzene
 Concen: 19.261 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

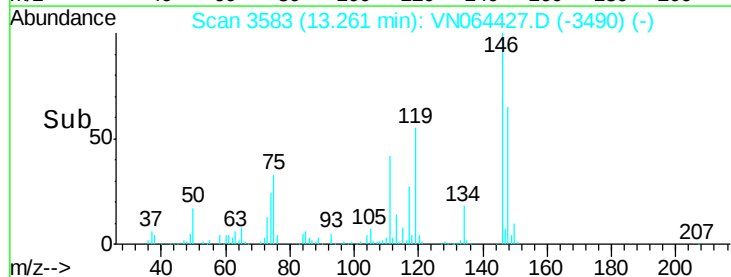
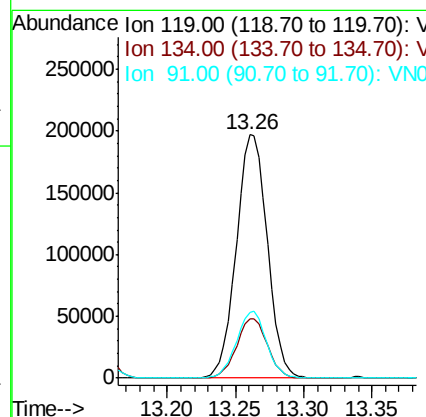
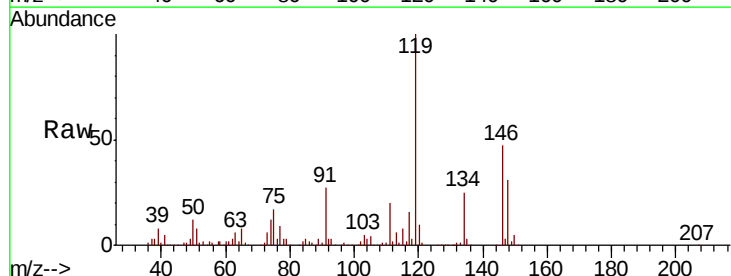
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

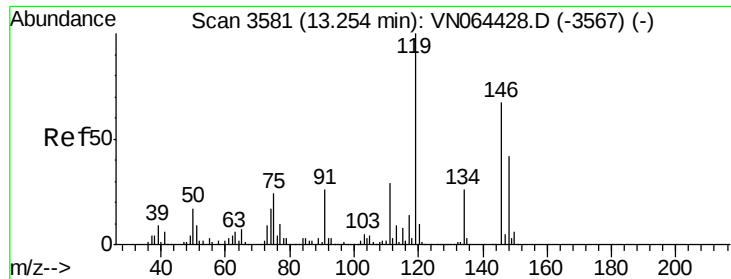
Tot Ion:105 Resp: 346228
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 19.235 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion:119 Resp: 310604
 Ion Ratio Lower Upper
 119 100
 134 24.3 12.6 37.6
 91 26.3 12.8 38.3

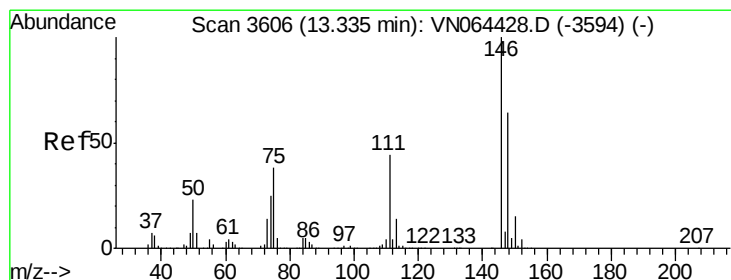
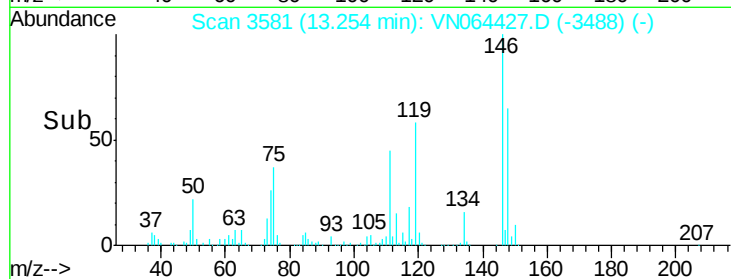
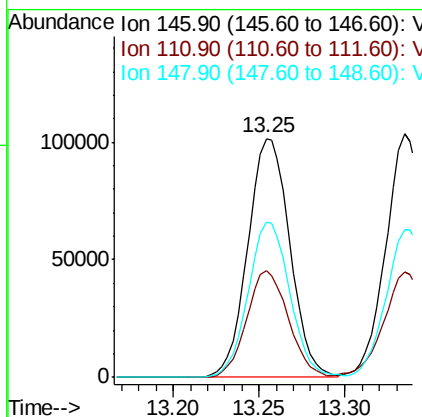
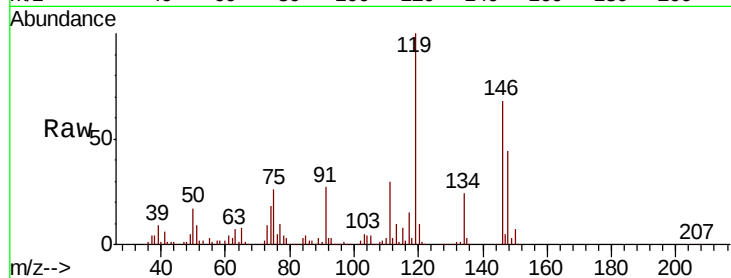




#87
 1,3-Dichlorobenzene
 Concen: 19.937 ug/l
 RT: 13.25 min Scan# 3581
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

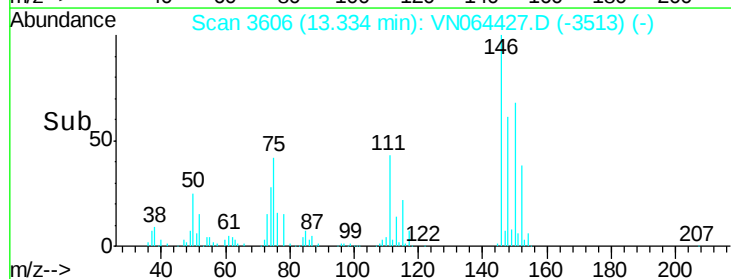
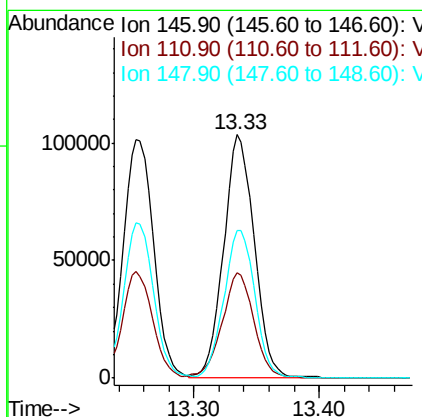
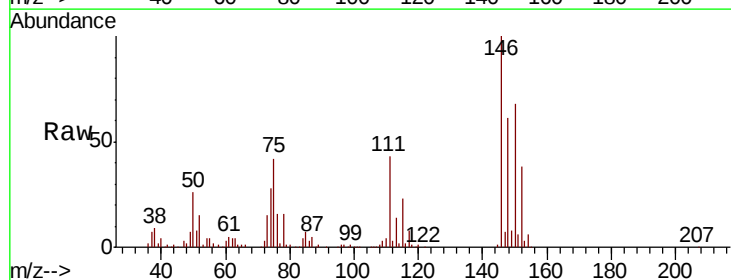
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

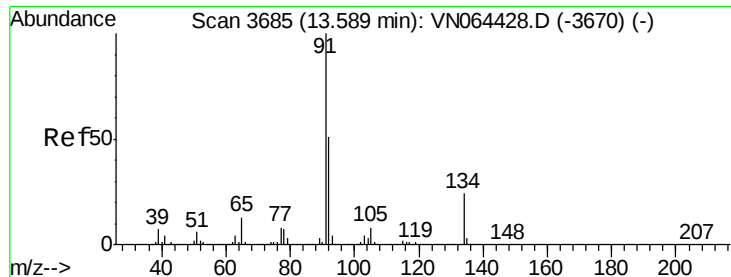
Tot Ion:146 Resp: 171990
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.1 66.1
 148 64.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 19.895 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion:146 Resp: 174819
 Ion Ratio Lower Upper
 146 100
 111 44.5 21.8 65.3
 148 60.7 32.4 97.2

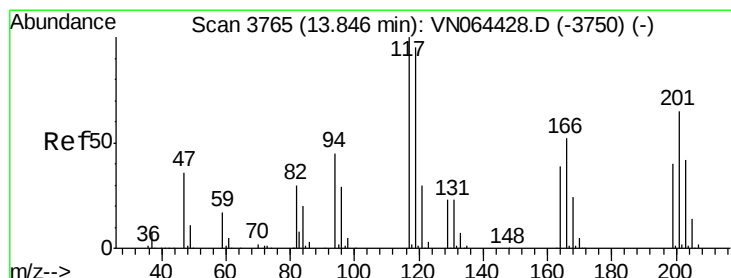
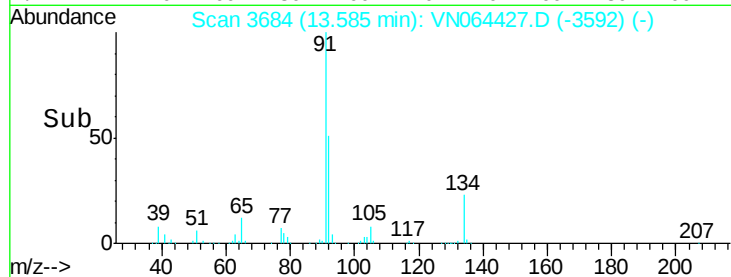
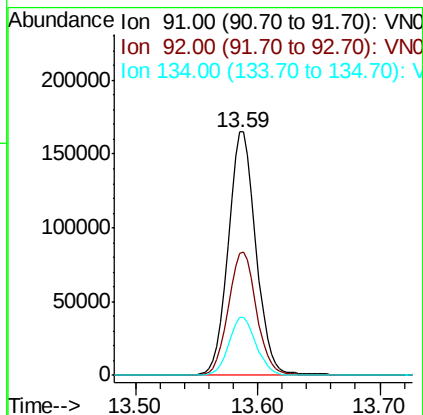
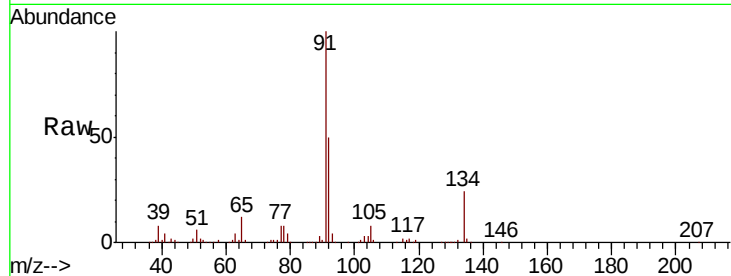




#89
n-Butylbenzene
Concen: 18.430 ug/l
RT: 13.59 min Scan# 3684
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

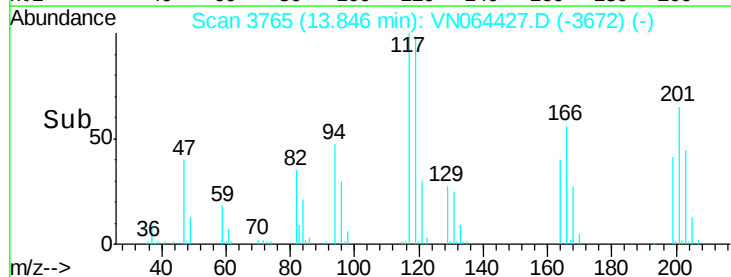
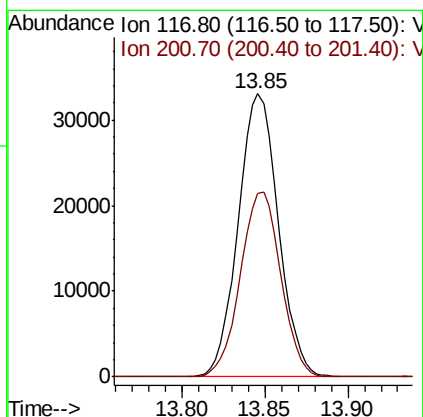
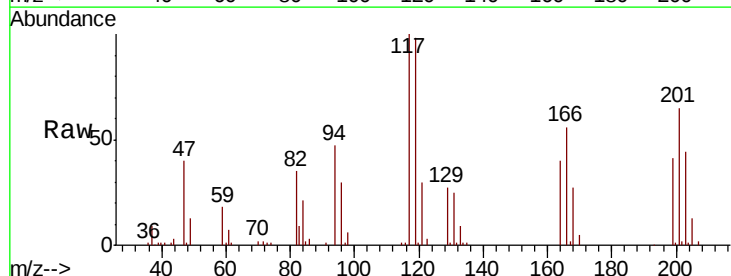
Instrument :
MSVOA_N
ClientSampled :
VSTDIC020

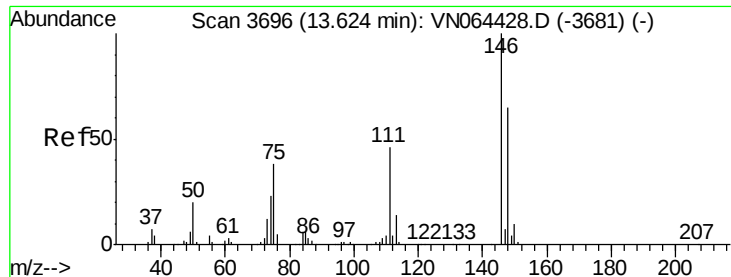
Tot Ion: 91 Resp: 262491
Ion Ratio Lower Upper
91 100
92 51.8 25.3 75.9
134 23.4 11.8 35.4



#90
Hexachloroethane
Concen: 18.479 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion: 117 Resp: 55701
Ion Ratio Lower Upper
117 100
201 65.5 32.5 97.5

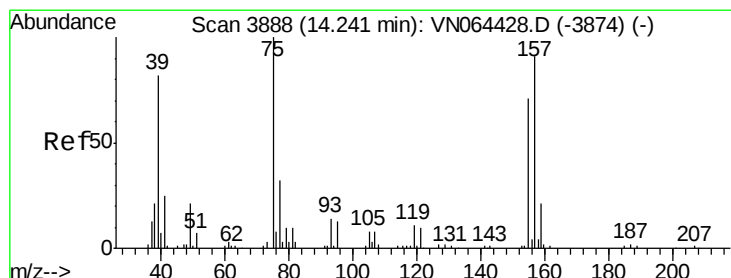
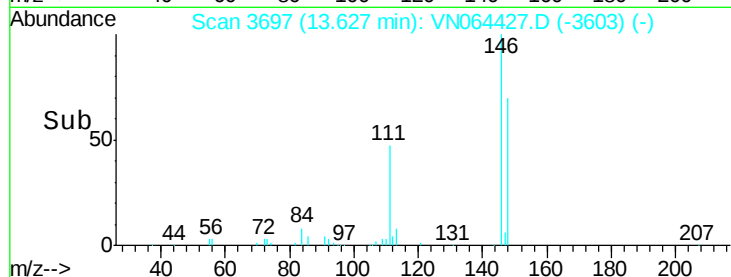
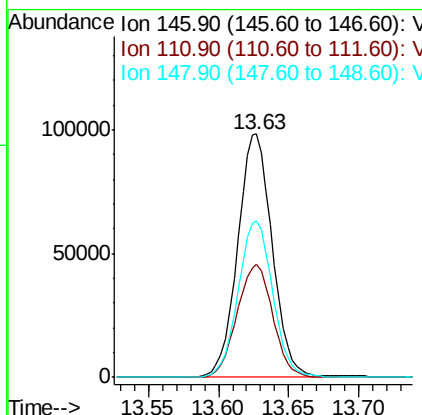
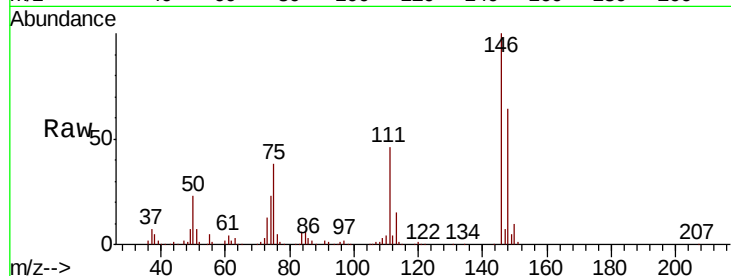




#91
 1,2-Dichlorobenzene
 Concen: 19.680 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

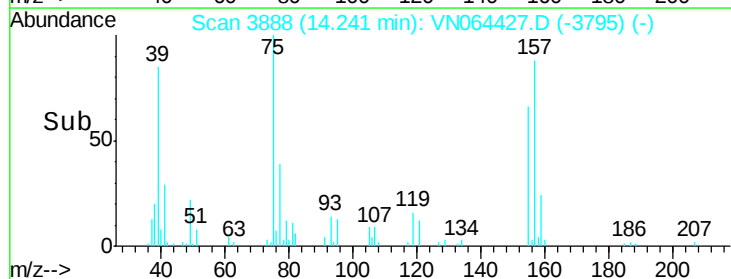
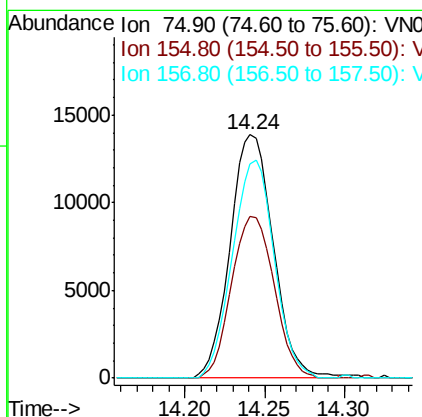
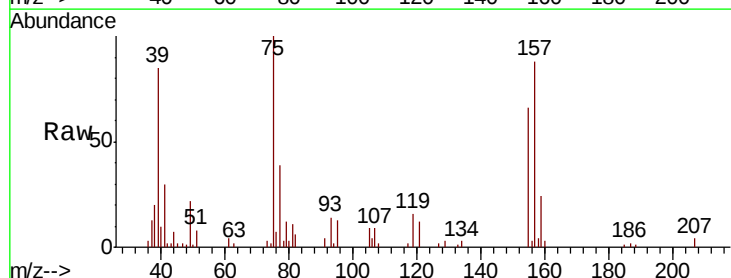
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC020

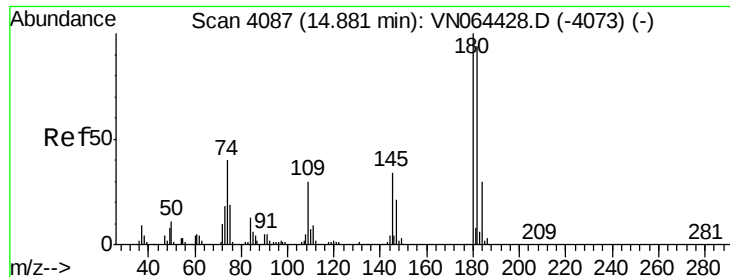
Tot Ion:146 Resp: 168854
 Ion Ratio Lower Upper
 146 100
 111 48.0 22.9 68.7
 148 64.4 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.032 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion: 75 Resp: 25511
 Ion Ratio Lower Upper
 75 100
 155 65.5 34.6 103.9
 157 86.8 43.0 128.8

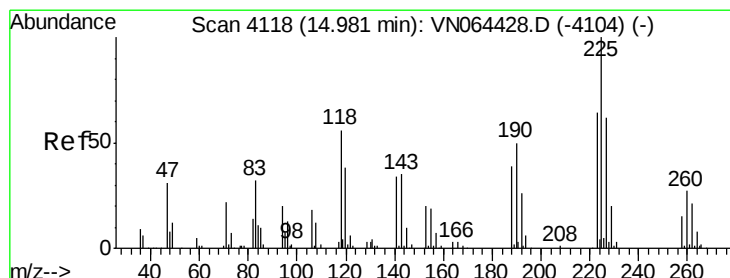
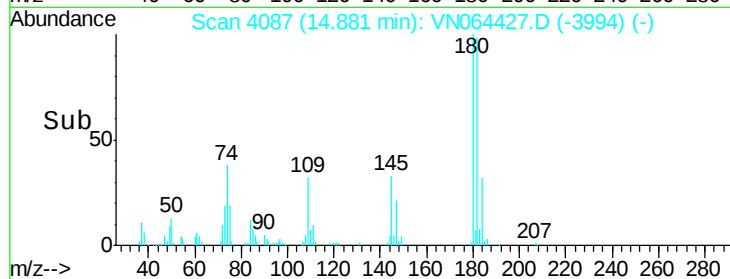
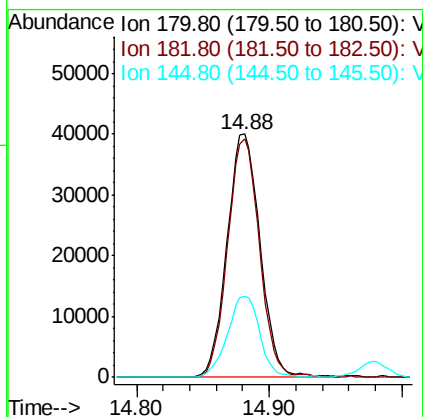
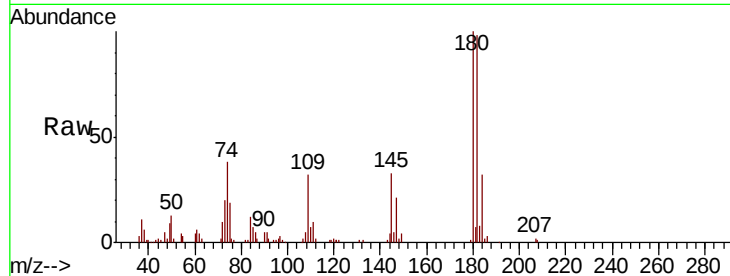




#93
 1,2,4-Trichlorobenzene
 Concen: 16.833 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

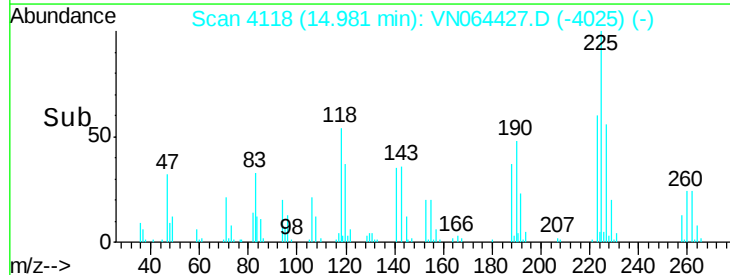
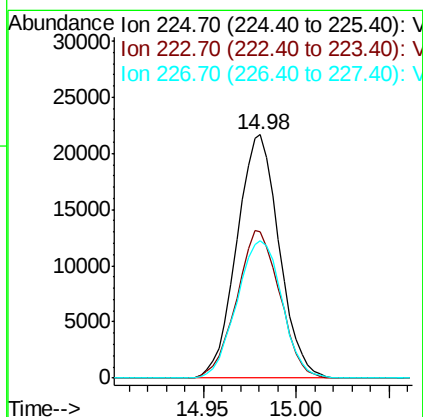
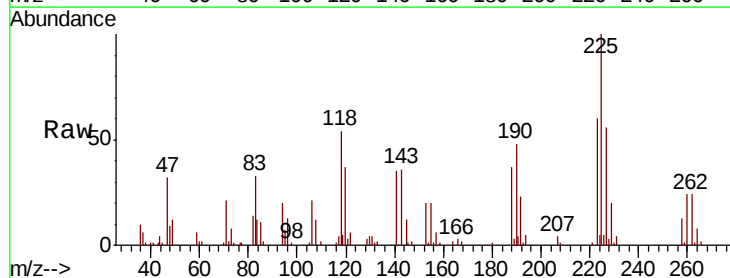
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

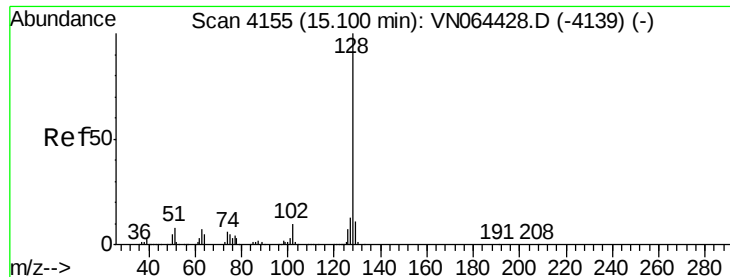
Tot Ion:180 Resp: 69421
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.3 142.0
 145 32.5 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 13.838 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064427.D
 Acq: 4 Nov 2020 10:36

Tgt Ion:225 Resp: 34458
 Ion Ratio Lower Upper
 225 100
 223 61.8 31.8 95.4
 227 60.2 31.8 95.4

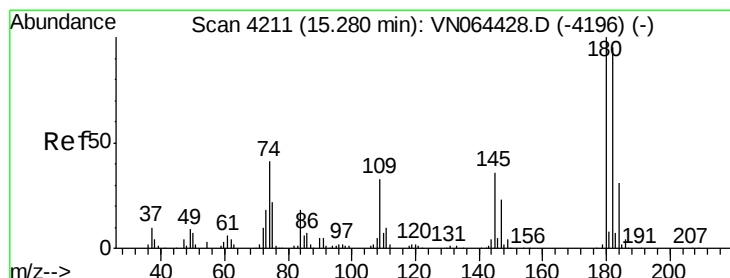
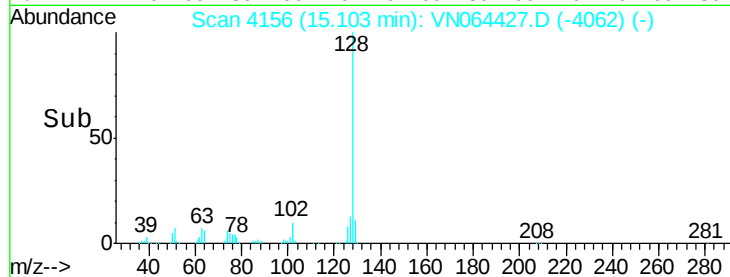
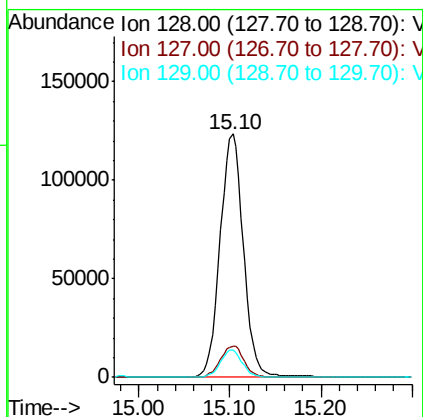
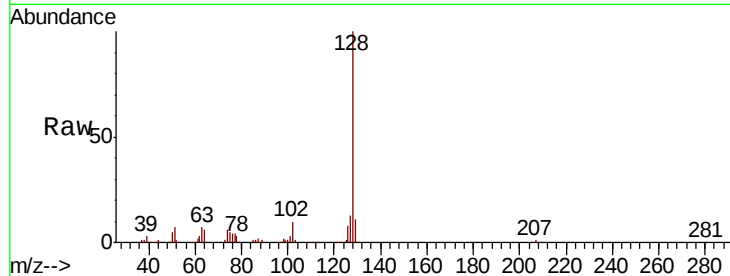




#95
Naphthalene
Concen: 17.103 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 220969
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.5 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.970 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064427.D
Acq: 4 Nov 2020 10:36

Tgt Ion:180 Resp: 67594
Ion Ratio Lower Upper
180 100
182 95.3 47.7 143.1
145 35.1 18.3 54.8

