

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064430.D
 Acq On : 4 Nov 2020 11:48
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: Nov 04 12:08:33 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	356763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	612642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	583651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	280476	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	923801	158.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.52%	
35) Dibromofluoromethane	7.55	113	650994	159.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	318.46%	
50) Toluene-d8	10.06	98	2560897	166.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	333.80%	
62) 4-Bromofluorobenzene	12.37	95	1001876	168.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	337.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	666974	158.080	ug/l	98
3) Chloromethane	2.04	50	789133	168.558	ug/l	98
4) Vinyl Chloride	2.16	62	850630	186.405	ug/l	97
5) Bromomethane	2.51	94	534265	178.633	ug/l	98
6) Chloroethane	2.66	64	520410	186.933	ug/l	100
7) Trichlorofluoromethane	2.98	101	1158136	155.041	ug/l	98
8) Diethyl Ether	3.37	74	424515	176.483	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	564625	152.387	ug/l	99
10) Methyl Iodide	3.91	142	748559	154.819	ug/l	98
11) Tert butyl alcohol	4.75	59	543639	670.291	ug/l	99
12) 1,1-Dichloroethene	3.69	96	553710	158.247	ug/l	98
13) Acrolein	3.57	56	355438	1446.878	ug/l	98
14) Allyl chloride	4.27	41	1137385	159.554	ug/l	98
15) Acrylonitrile	4.93	53	1592022	869.448	ug/l	99
16) Acetone	3.78	43	1635525	752.764	ug/l	100
17) Carbon Disulfide	4.00	76	1684617	161.395	ug/l	99
18) Methyl Acetate	4.28	43	685361	156.976	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2112750	158.507	ug/l	99
20) Methylene Chloride	4.50	84	660844	158.187	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	644733	163.623	ug/l	98
22) Diisopropyl ether	5.91	45	2484827	175.035	ug/l	94
23) Vinyl Acetate	5.85	43	10158164	855.312	ug/l	96
24) 1,1-Dichloroethane	5.79	63	1281880	162.808	ug/l	99
25) 2-Butanone	6.79	43	2408673	817.445	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1164081	153.280	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	754374	167.653	ug/l	99
28) Bromochloromethane	7.15	49	665321	181.847	ug/l	100
29) Tetrahydrofuran	7.17	42	1515109	803.502	ug/l	99
30) Chloroform	7.33	83	1331649	158.431	ug/l	99
31) Cyclohexane	7.61	56	1081972	156.522	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	1190921	150.062	ug/l	98
36) 1,1-Dichloropropene	7.75	75	1002735	158.735	ug/l	98
37) Ethyl Acetate	6.88	43	1000934	158.834	ug/l	99
38) Carbon Tetrachloride	7.73	117	1054366	147.192	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	928033	150.633	ug/l	100
40) Benzene	8.00	78	2896640	163.691	ug/l	99
41) Methacrylonitrile	7.13	41	510740	166.401	ug/l #	89
42) 1,2-Dichloroethane	8.08	62	1156959	153.557	ug/l	99
43) Isopropyl Acetate	8.13	43	1739069	161.748	ug/l	99
44) Trichloroethene	8.80	130	717718	157.110	ug/l	99
45) 1,2-Dichloropropane	9.08	63	772005	162.649	ug/l	96
46) Dibromomethane	9.17	93	514123	157.790	ug/l	99
47) Bromodichloromethane	9.37	83	1107033	153.010	ug/l	100
48) Methyl methacrylate	9.17	41	879561	158.372	ug/l	98
49) 1,4-Dioxane	9.17	88	234531	2930.912	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	4869610	774.841	ug/l	95
52) Toluene	10.12	92	1845276	165.533	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	1276284	165.896	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	1329858	168.052	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	701669	160.267	ug/l	98
56) Ethyl methacrylate	10.40	69	1154670	174.964	ug/l	98
57) 1,3-Dichloropropane	10.68	76	1252715	167.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	2913035	848.397	ug/l	98
59) 2-Hexanone	10.72	43	3765445	815.213	ug/l	97
60) Dibromochloromethane	10.87	129	827238	162.284	ug/l	99
61) 1,2-Dibromoethane	10.98	107	741970	167.358	ug/l	100
64) Tetrachloroethene	10.60	164	645333	134.723	ug/l	98
65) Chlorobenzene	11.41	112	1933720	160.179	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	735248	152.228	ug/l	99
67) Ethyl Benzene	11.48	91	3556361	158.580	ug/l	96
68) m/p-Xylenes	11.59	106	2670494	321.820	ug/l	93
69) o-Xylene	11.92	106	1279307	159.850	ug/l	99
70) Styrene	11.94	104	2239331	170.717	ug/l	99
71) Bromoform	12.10	173	546743	147.229	ug/l #	99
73) Isopropylbenzene	12.22	105	3296570	153.574	ug/l	99
74) N-amyl acetate	12.04	43	1654904	175.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	997227	159.100	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1463109	217.620	ug/l #	100
77) Bromobenzene	12.50	156	790455	151.717	ug/l	98
78) n-propylbenzene	12.57	91	3816052	157.063	ug/l	99
79) 2-Chlorotoluene	12.65	91	2408692	155.666	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	2784217	154.017	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	394767	166.989	ug/l	97
82) 4-Chlorotoluene	12.75	91	2565844	161.755	ug/l	99
83) tert-Butylbenzene	12.97	119	2209346	150.346	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	2847525	157.425	ug/l	99
85) sec-Butylbenzene	13.14	105	2814432	147.496	ug/l	99
86) p-Isopropyltoluene	13.26	119	2605799	152.024	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	1437839	157.021	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	1458083	156.325	ug/l	98
89) n-Butylbenzene	13.59	91	2312747	152.978	ug/l	98
90) Hexachloroethane	13.85	117	477201	149.140	ug/l	96
91) 1,2-Dichlorobenzene	13.63	146	1386337	152.217	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	224613	149.566	ug/l	96

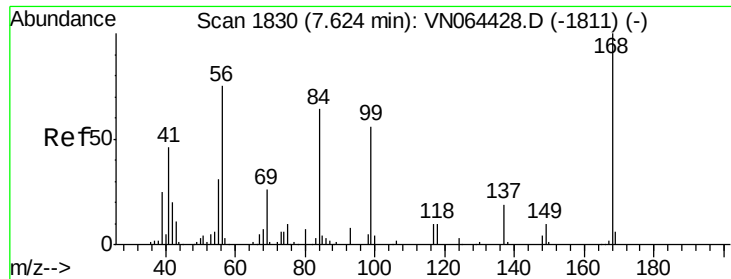
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	708093	161.745	ug/l	99
94) Hexachlorobutadiene	14.98	225	270903	102.492	ug/l	99
95) Naphthalene	15.10	128	2464417	179.694	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	688183	162.767	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

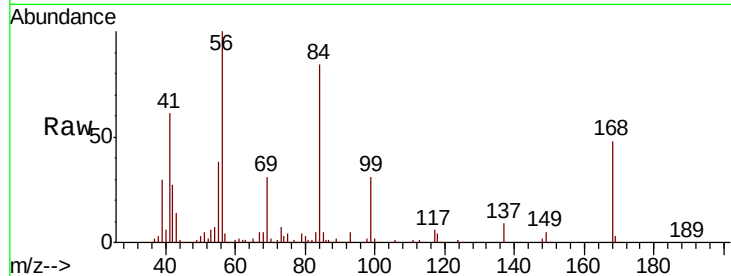
VSTDIC150

Tot Ion:168 Resp: 356763

Ion Ratio Lower Upper

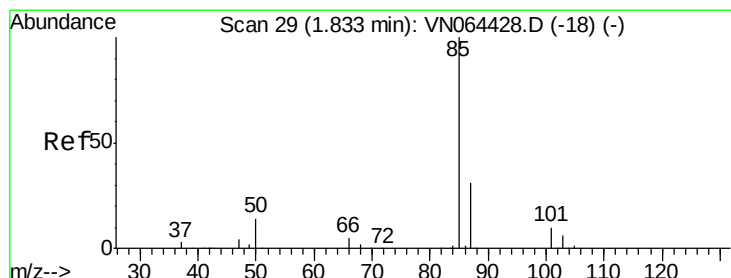
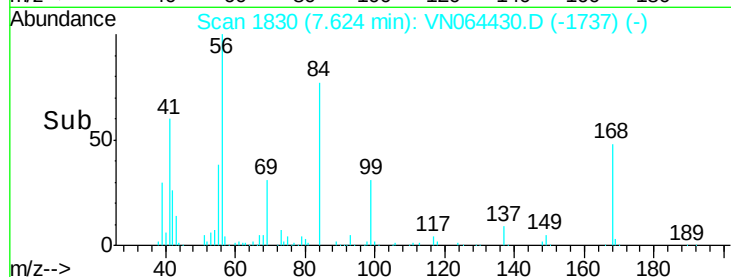
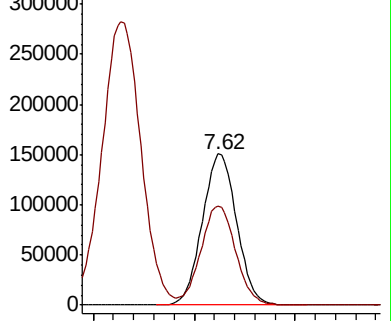
168 100

99 65.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 158.080 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064430.D

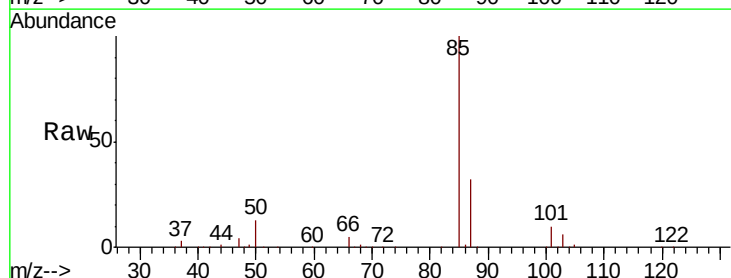
Acq: 4 Nov 2020 11:48

Tgt Ion: 85 Resp: 666974

Ion Ratio Lower Upper

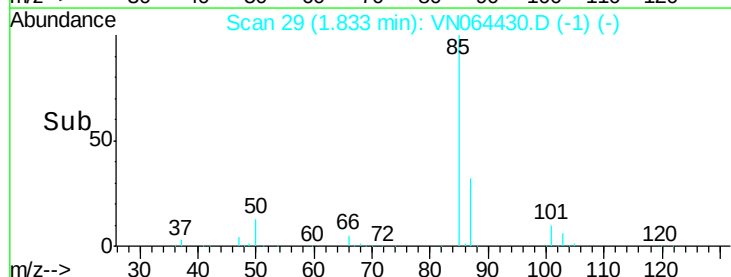
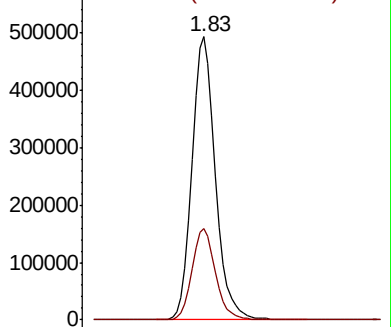
85 100

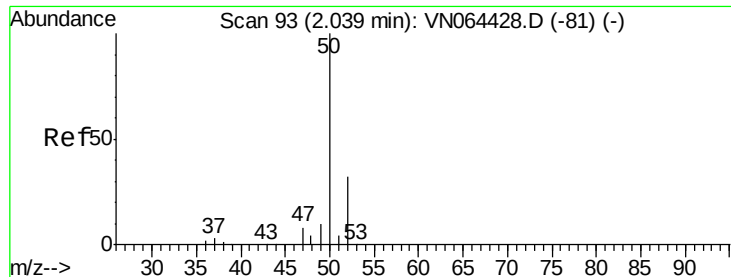
87 32.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 168.558 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

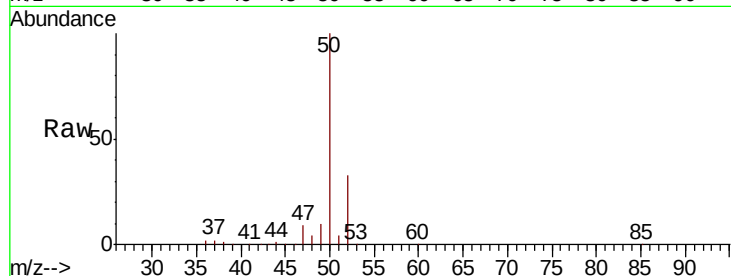
VSTDIC150

Tot Ion: 50 Resp: 789133

Ion Ratio Lower Upper

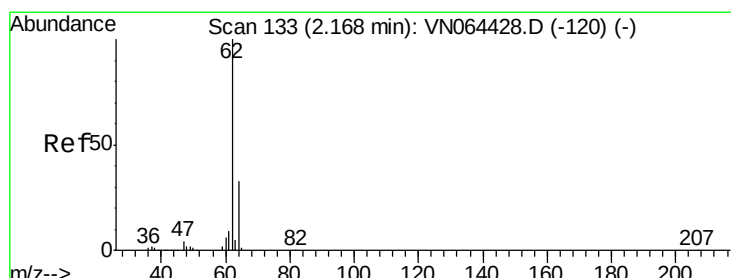
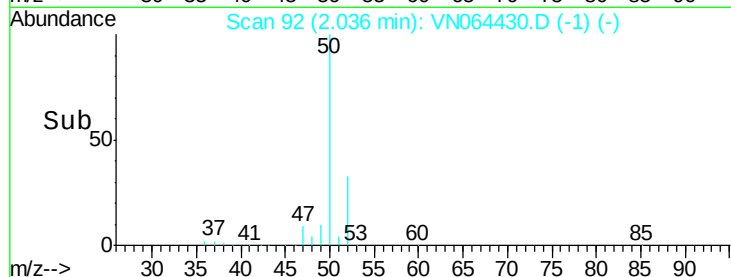
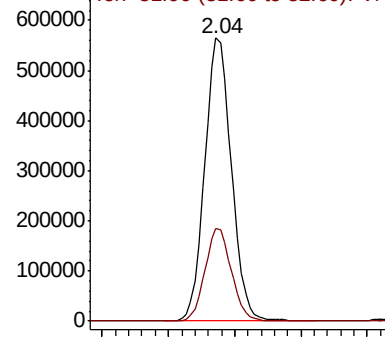
50 100

52 32.7 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 186.405 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064430.D

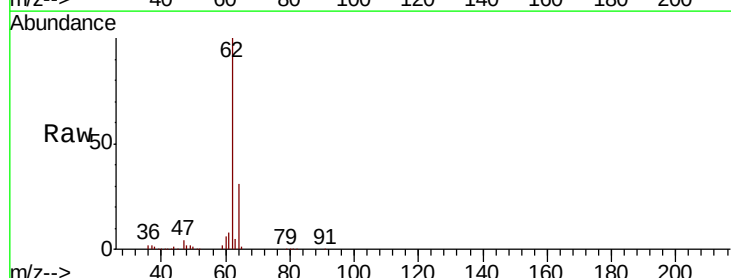
Acq: 4 Nov 2020 11:48

Tgt Ion: 62 Resp: 850630

Ion Ratio Lower Upper

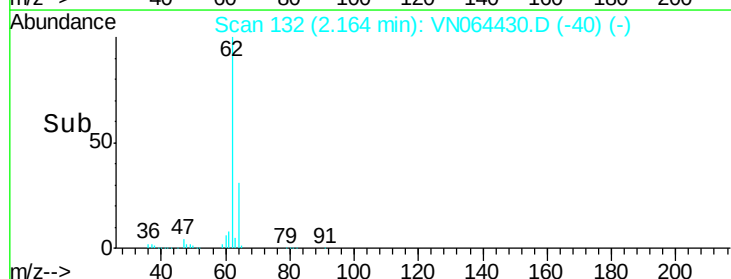
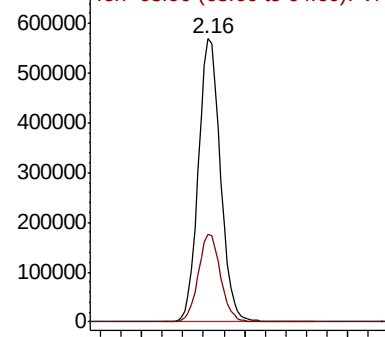
62 100

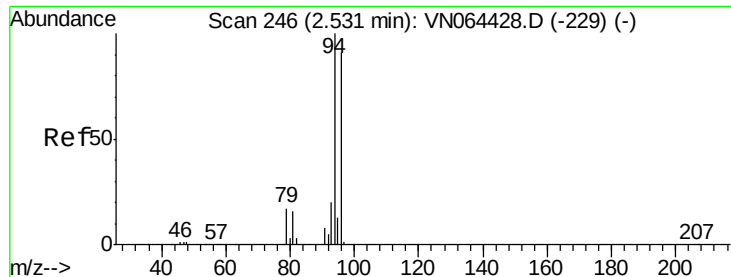
64 31.1 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 178.633 ug/l

RT: 2.51 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

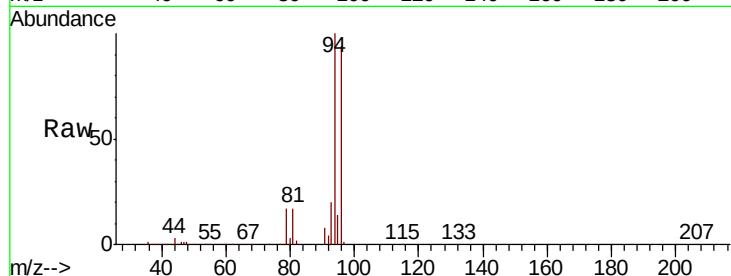
VSTDIC150

Tot Ion: 94 Resp: 534265

Ion Ratio Lower Upper

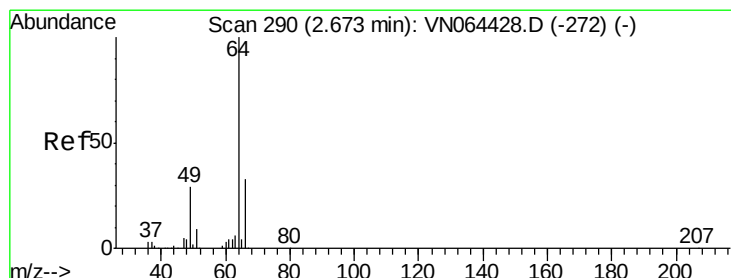
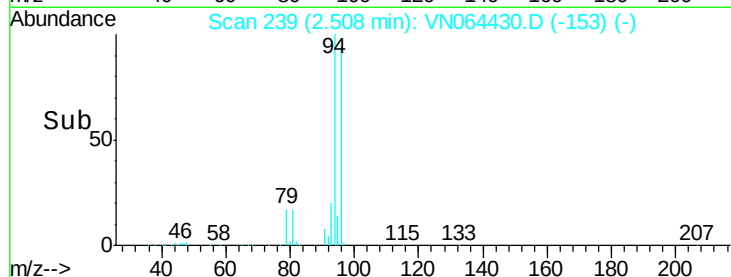
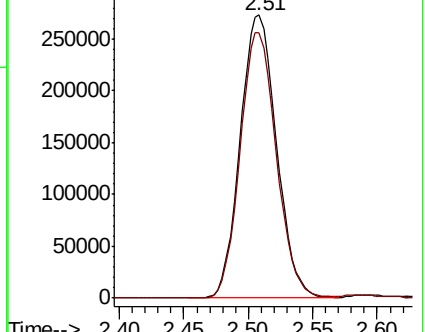
94 100

96 93.7 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN064430.D (-153) (-)

Ion 95.90 (95.60 to 96.60): VN064430.D (-153) (-)



#6

Chloroethane

Concen: 186.933 ug/l

RT: 2.66 min Scan# 286

Delta R.T. -0.01 min

Lab File: VN064430.D

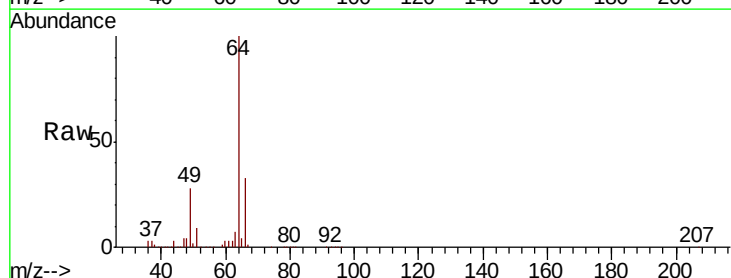
Acq: 4 Nov 2020 11:48

Tgt Ion: 64 Resp: 520410

Ion Ratio Lower Upper

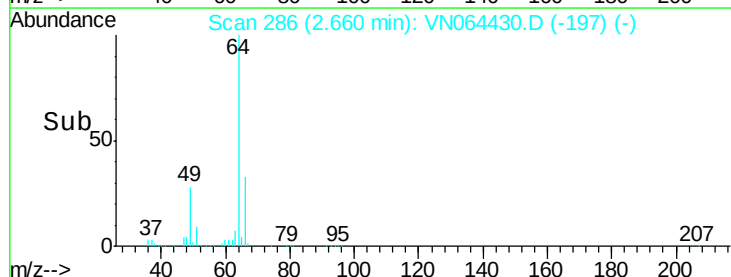
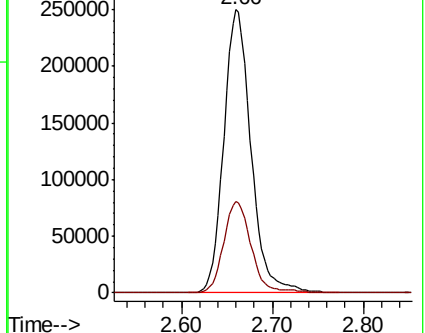
64 100

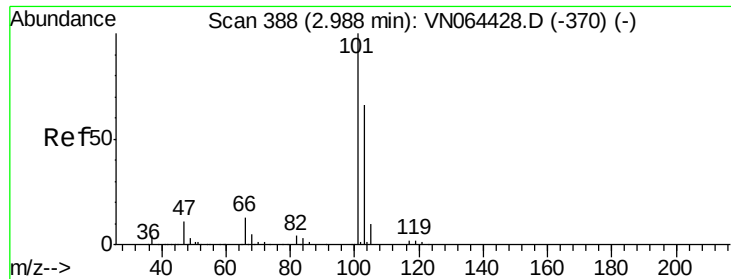
66 32.4 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN064430.D (-197) (-)

Ion 65.90 (65.60 to 66.60): VN064430.D (-197) (-)



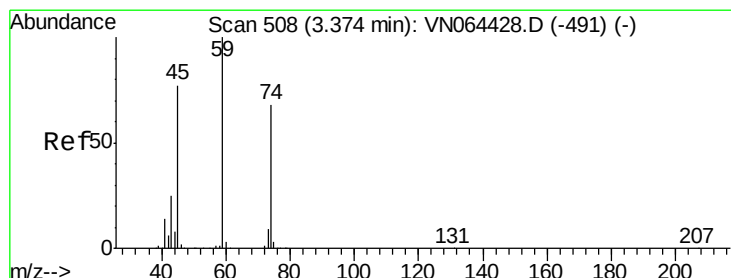
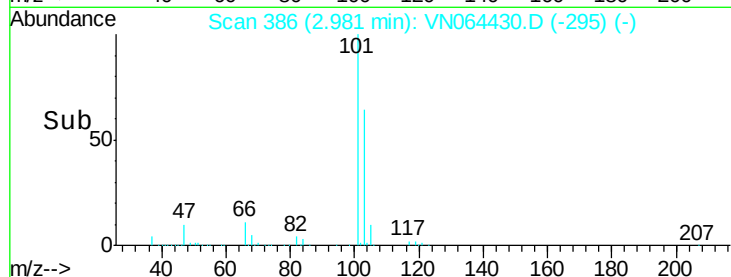
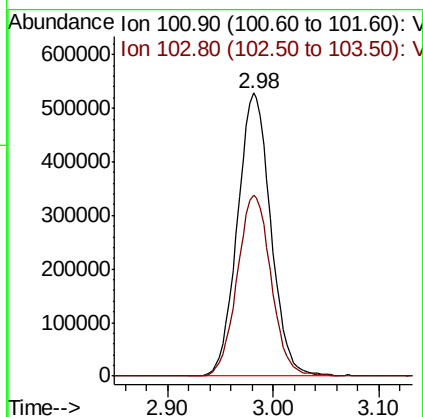
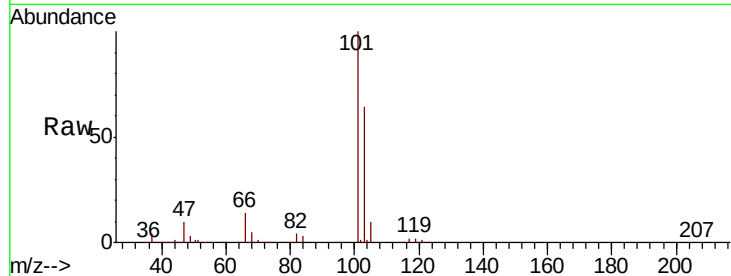


#7

Trichlorofluoromethane
 Concen: 155.041 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. -0.01 min
 Lab File: VN064430.D
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Instrument :
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 VSTDIC150

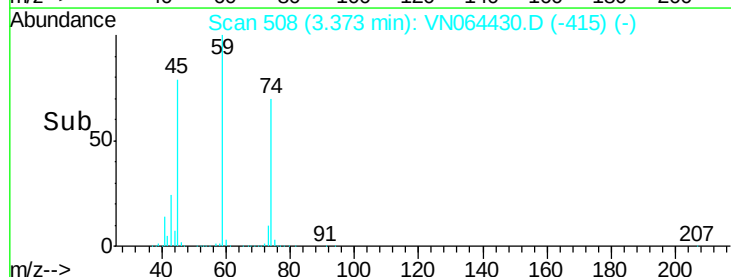
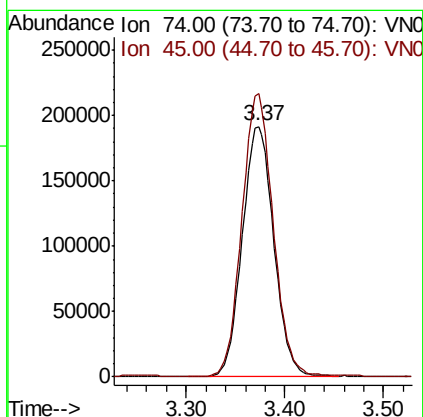
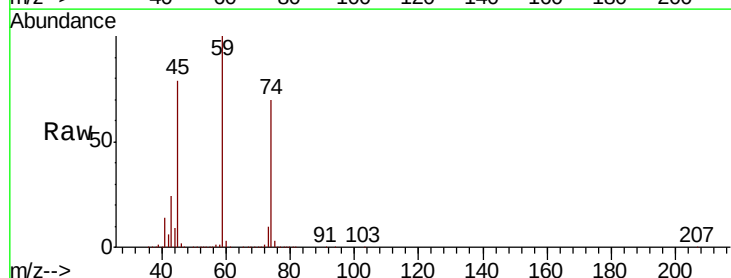
Tot Ion:101 Resp: 1158136
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.4 78.6

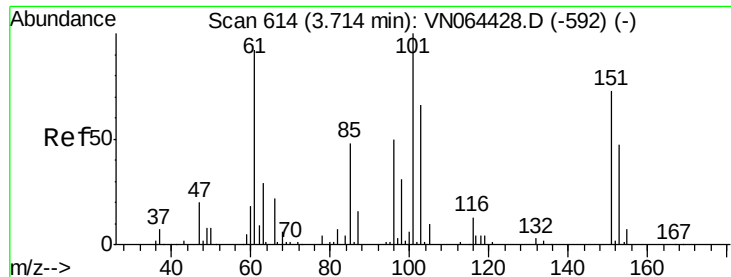


#8

Diethyl Ether
 Concen: 176.483 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 74 Resp: 424515
 Ion Ratio Lower Upper
 74 100
 45 110.9 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 152.387 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

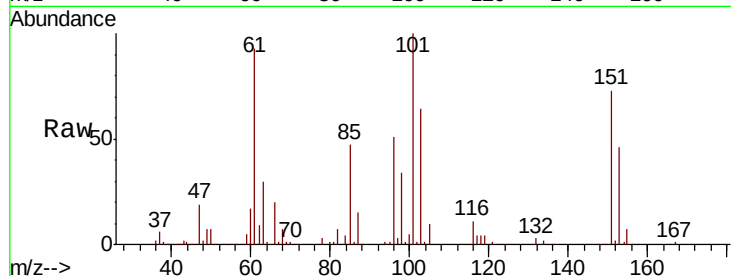
Tot Ion:101 Resp: 564625

Ion Ratio Lower Upper

101 100

85 46.8 38.6 57.8

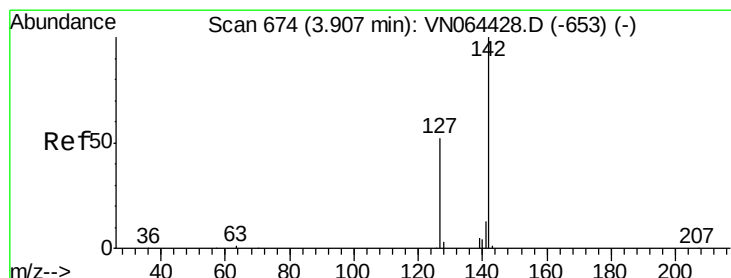
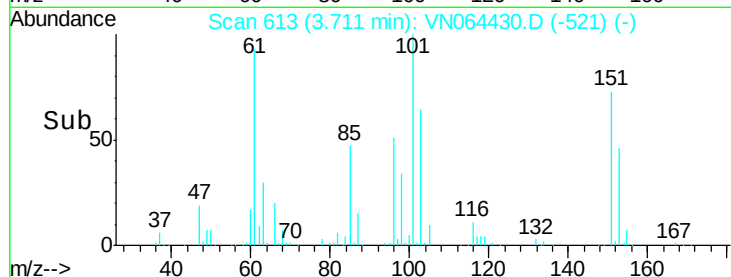
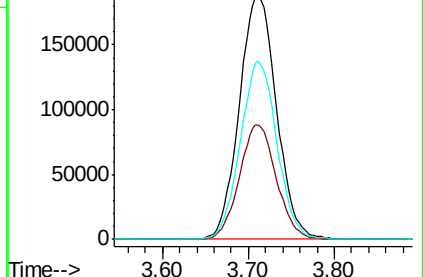
151 72.3 57.5 86.3



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: 154.819 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

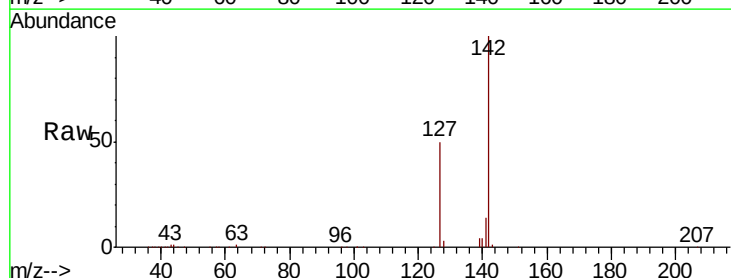
Tgt Ion:142 Resp: 748559

Ion Ratio Lower Upper

142 100

127 50.3 41.8 62.8

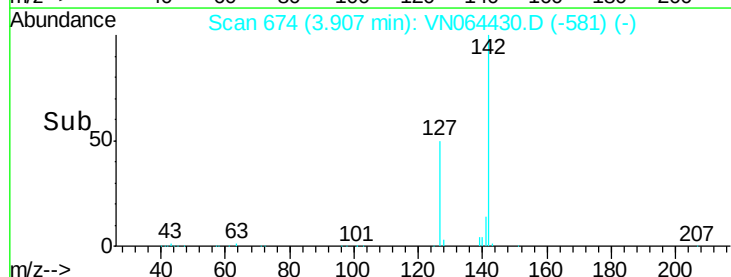
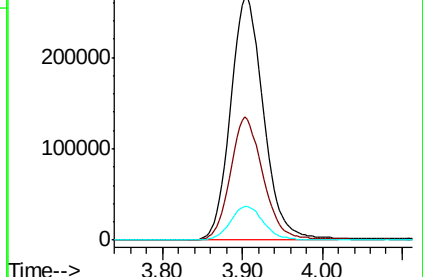
141 14.1 11.4 17.2

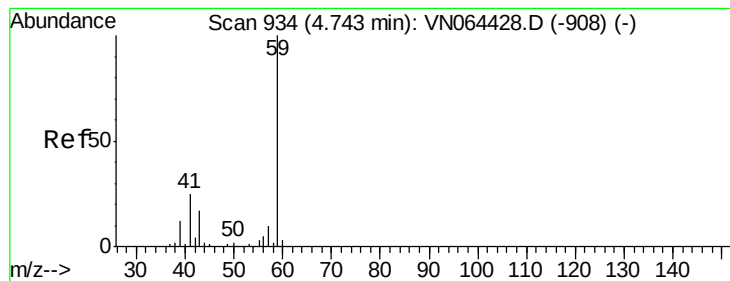


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



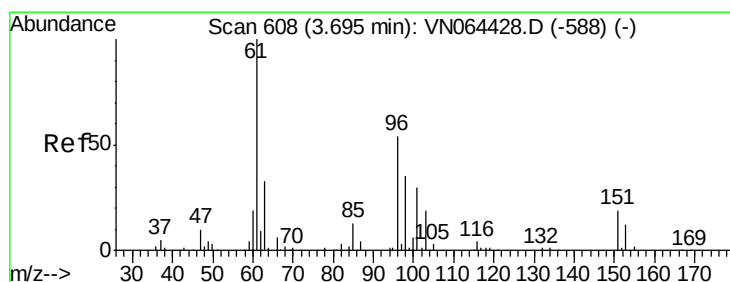
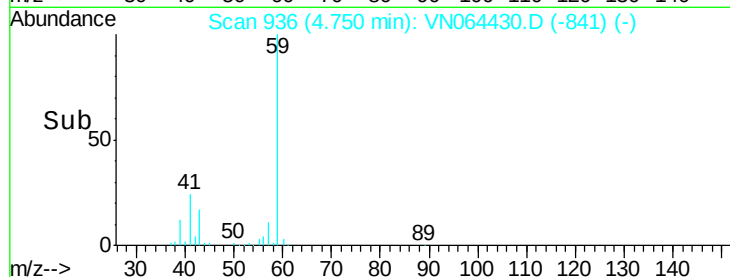
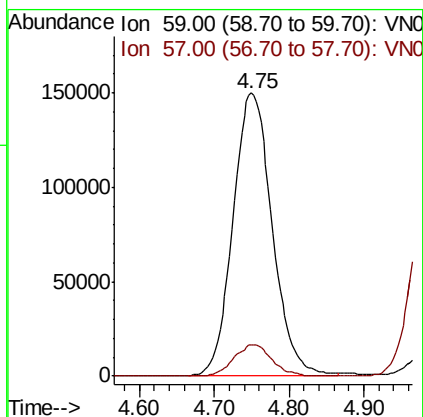
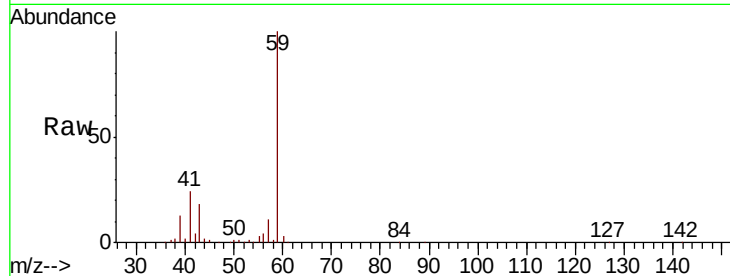


#11

Tert butyl alcohol
 Concen: 670.291 ug/l
 RT: 4.75 min Scan# 936
 Delta R.T. 0.01 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

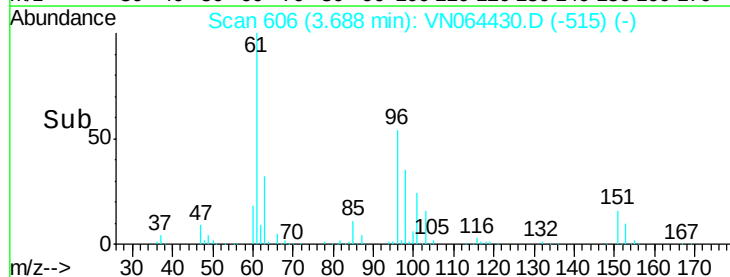
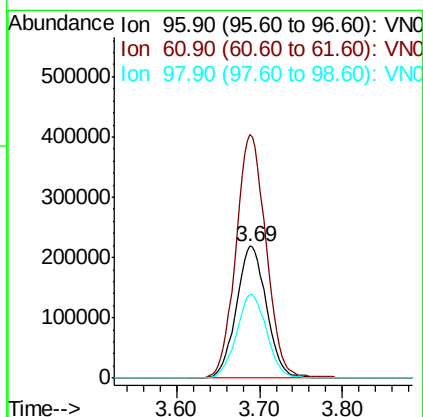
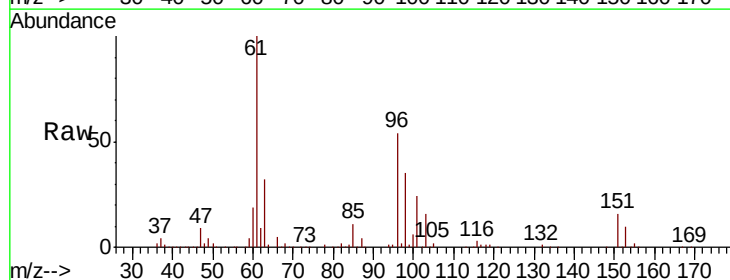
Tot Ion: 59 Resp: 543639
 Ion Ratio Lower Upper
 59 100
 57 10.8 9.0 13.4

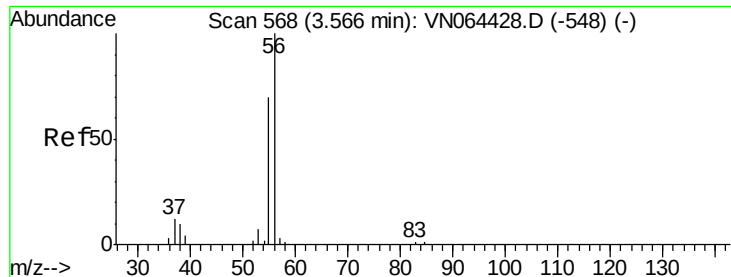


#12

1,1-Dichloroethene
 Concen: 158.247 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 96 Resp: 553710
 Ion Ratio Lower Upper
 96 100
 61 184.6 149.5 224.3
 98 63.8 52.4 78.6





#13

Acrolein

Concen: 1446.878 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

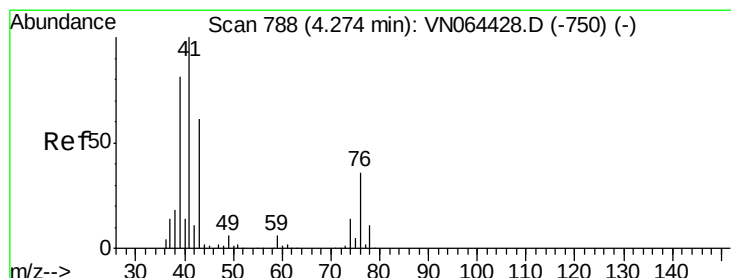
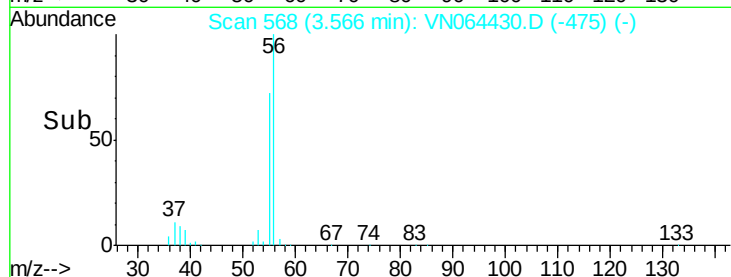
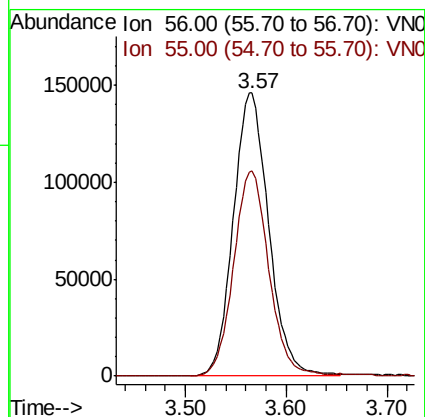
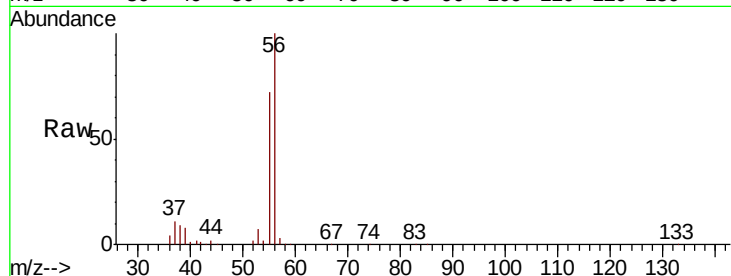
VSTDIC150

Tot Ion: 56 Resp: 355438

Ion Ratio Lower Upper

56 100

55 71.5 55.9 83.9



#14

Allyl chloride

Concen: 159.554 ug/l

RT: 4.27 min Scan# 787

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

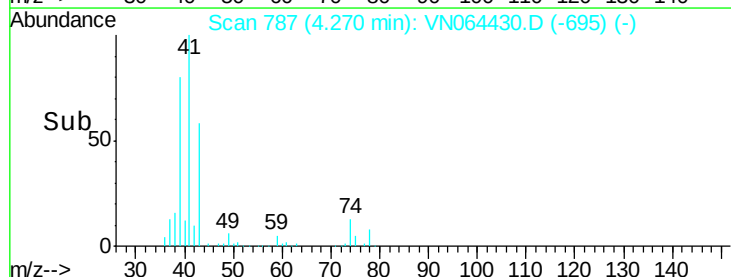
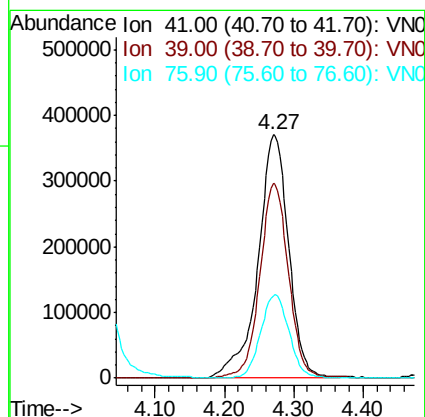
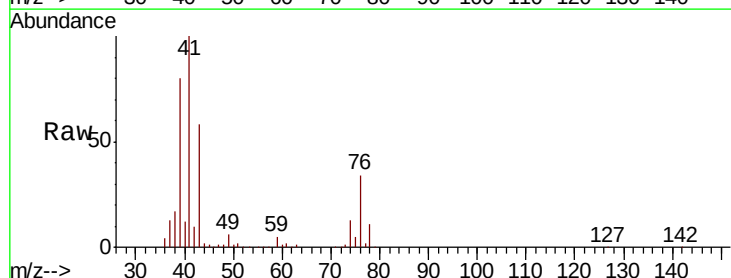
Tgt Ion: 41 Resp: 1137385

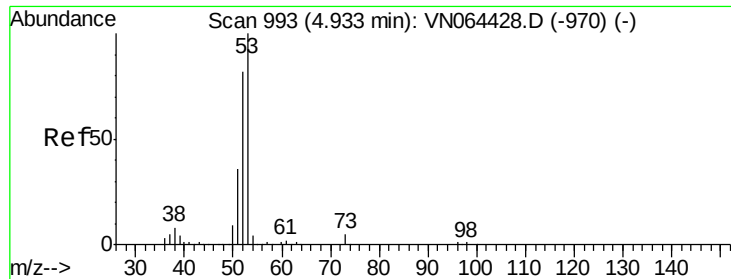
Ion Ratio Lower Upper

41 100

39 75.0 61.8 92.8

76 31.4 25.4 38.0





#15

Acrylonitrile

Concen: 869.448 ug/l

RT: 4.93 min Scan# 993

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

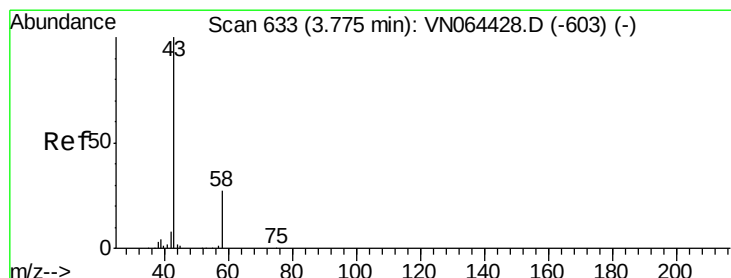
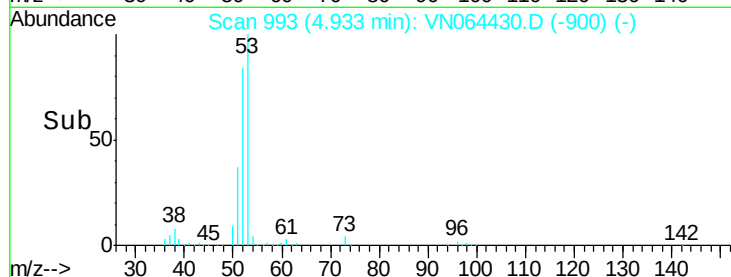
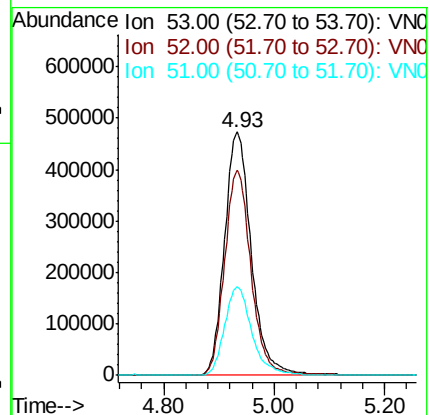
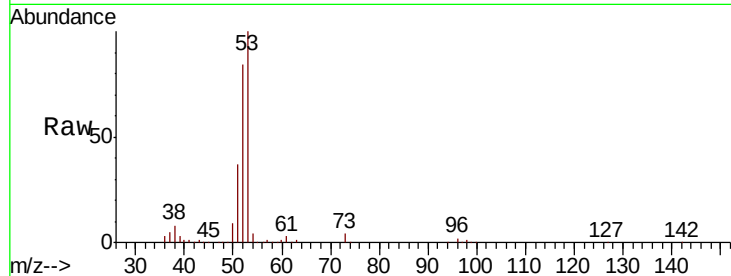
Tot Ion: 53 Resp: 1592022

Ion Ratio Lower Upper

53 100

52 82.6 65.6 98.4

51 37.2 29.9 44.9



#16

Acetone

Concen: 752.764 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN064430.D

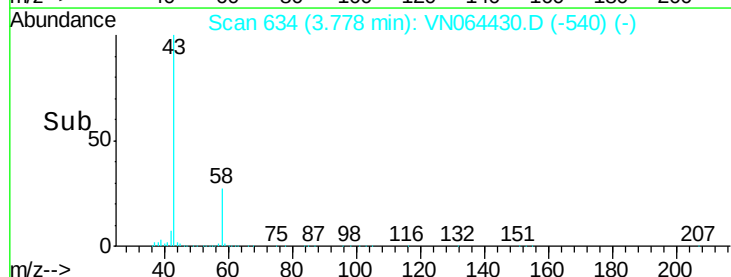
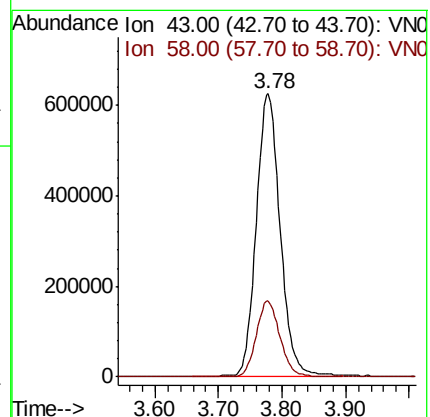
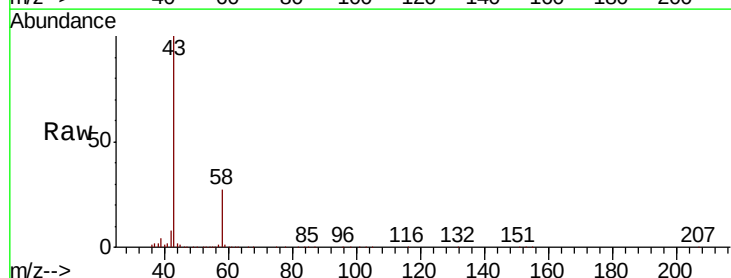
Acq: 4 Nov 2020 11:48

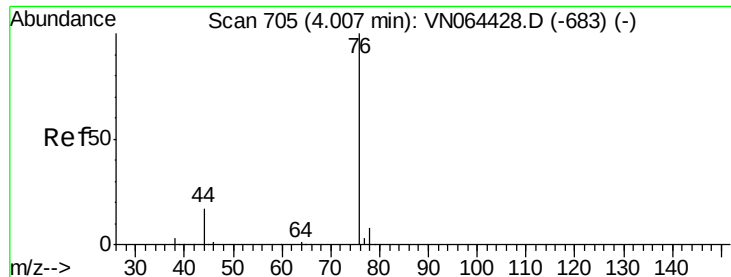
Tgt Ion: 43 Resp: 1635525

Ion Ratio Lower Upper

43 100

58 26.9 21.4 32.0

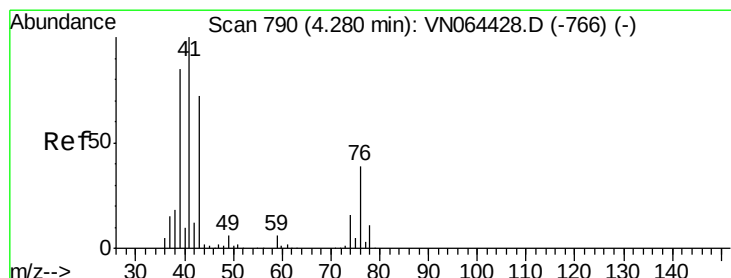
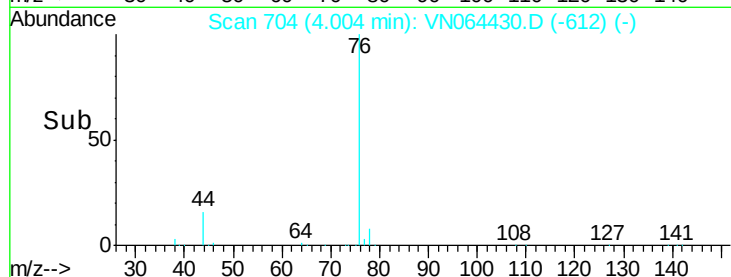
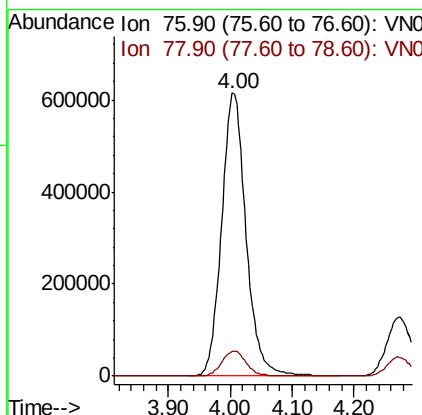
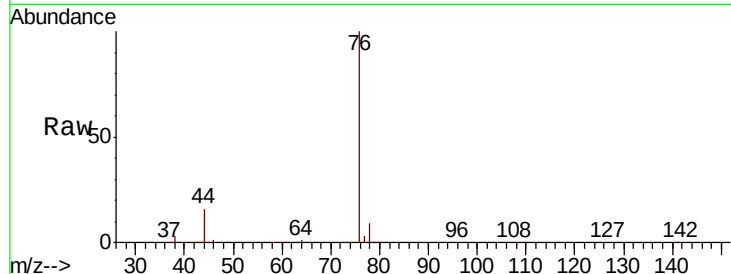




#17
Carbon Disulfide
Concen: 161.395 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

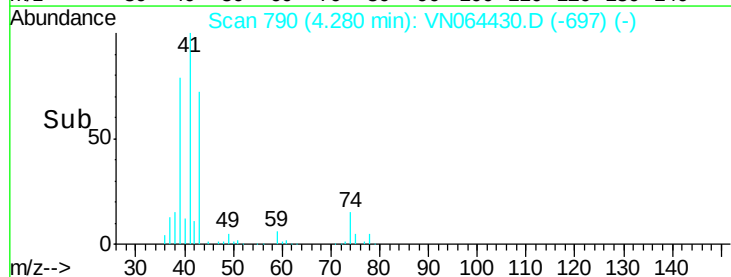
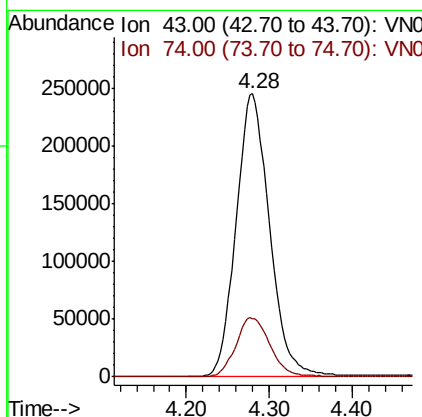
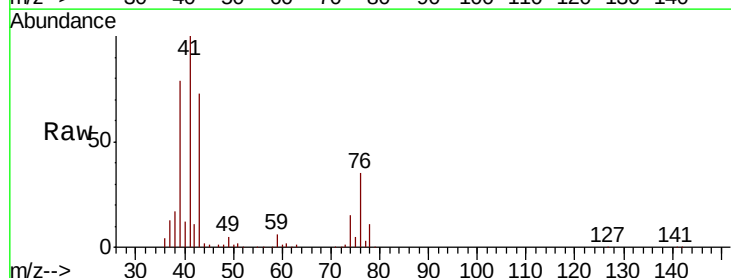
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

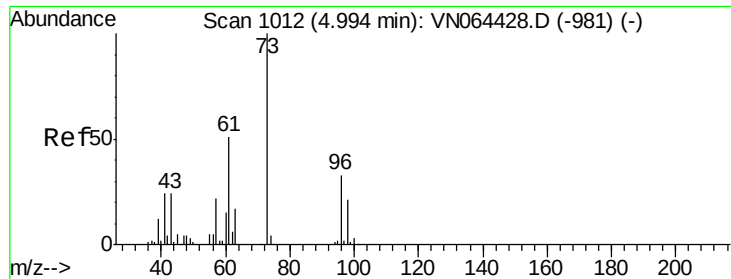
Tot Ion: 76 Resp: 1684617
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 156.976 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 43 Resp: 685361
Ion Ratio Lower Upper
43 100
74 21.6 17.0 25.4





#19

Methyl tert-butyl Ether
 Concen: 158.507 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

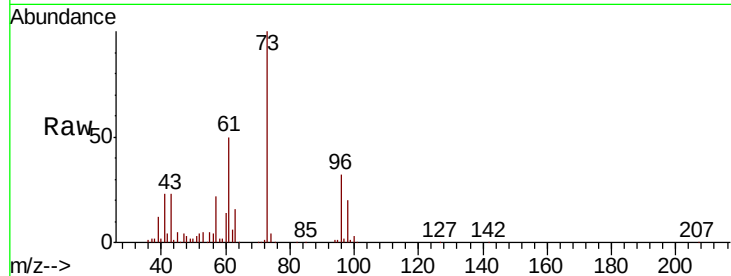
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 73 Resp: 2112750

Ion Ratio Lower Upper

73 100

57 21.8 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VN064428.D (-981) (-)

Ion 57.00 (56.70 to 57.70): VN064428.D (-981) (-)

4.99

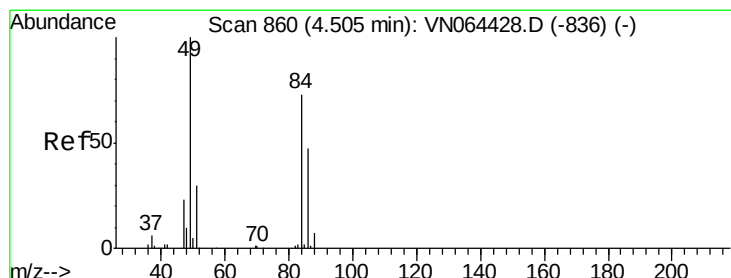
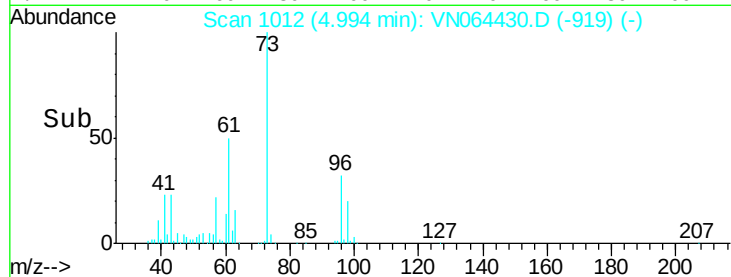
600000

400000

200000

0

Time-->



#20

Methylene Chloride
 Concen: 158.187 ug/l
 RT: 4.50 min Scan# 858
 Delta R.T. -0.01 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 84 Resp: 660844

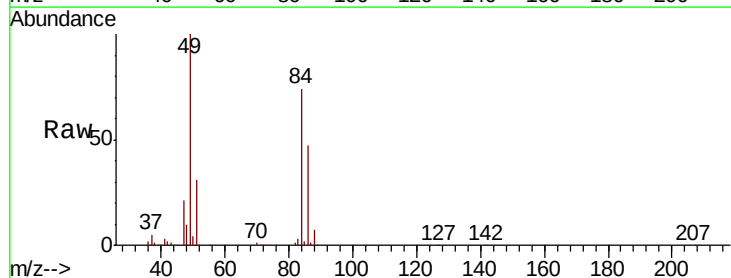
Ion Ratio Lower Upper

84 100

49 135.6 110.1 165.1

51 41.7 33.6 50.4

86 63.7 52.1 78.1



Abundance Ion 83.90 (83.60 to 84.60): VN064428.D (-836) (-)

Ion 48.90 (48.60 to 49.60): VN064428.D (-836) (-)

Ion 50.90 (50.60 to 51.60): VN064428.D (-836) (-)

Ion 85.90 (85.60 to 86.60): VN064428.D (-836) (-)

400000

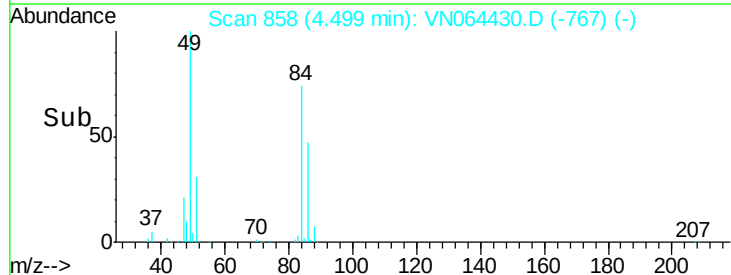
300000

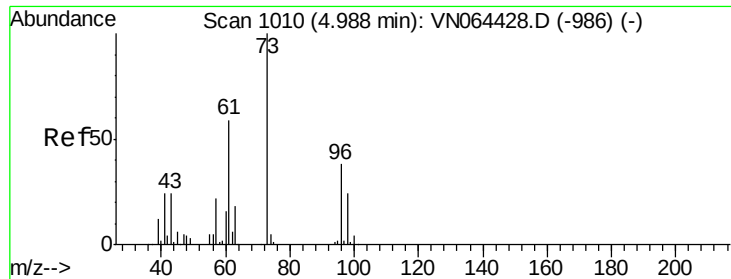
200000

100000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 163.623 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

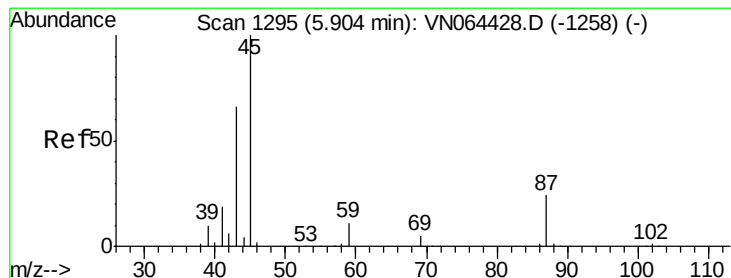
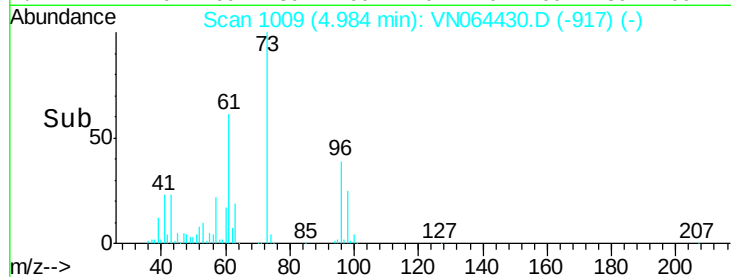
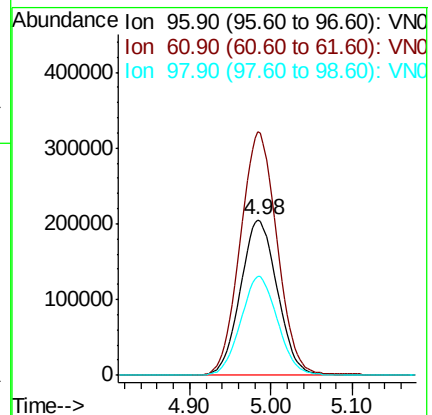
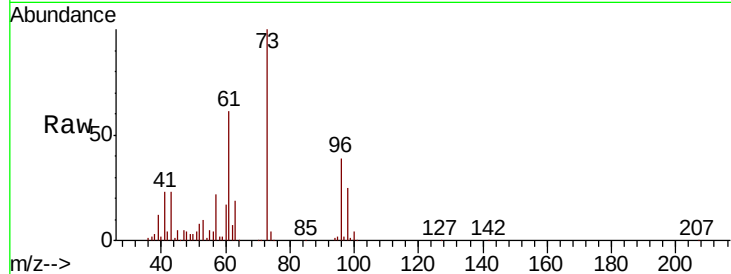
Tot Ion: 96 Resp: 644733

Ion Ratio Lower Upper

96 100

61 156.4 122.4 183.6

98 63.8 50.4 75.6



#22

Diisopropyl ether

Concen: 175.035 ug/l

RT: 5.91 min Scan# 1296

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 45 Resp: 2484827

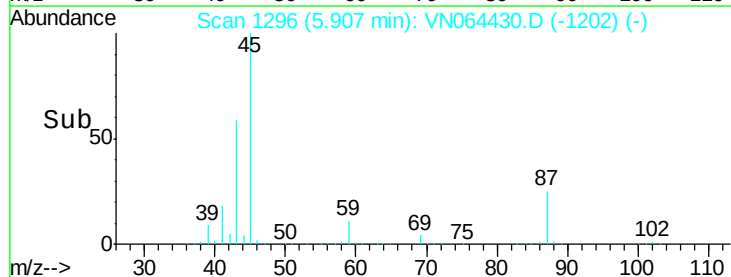
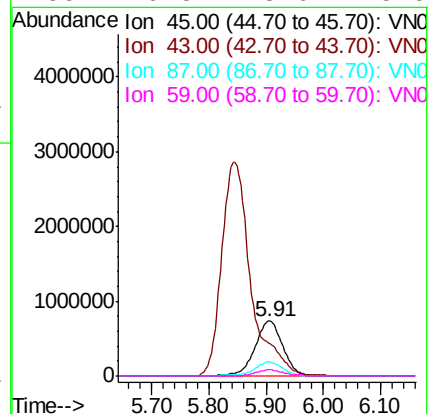
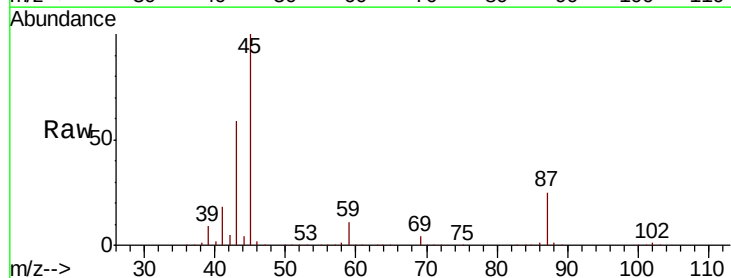
Ion Ratio Lower Upper

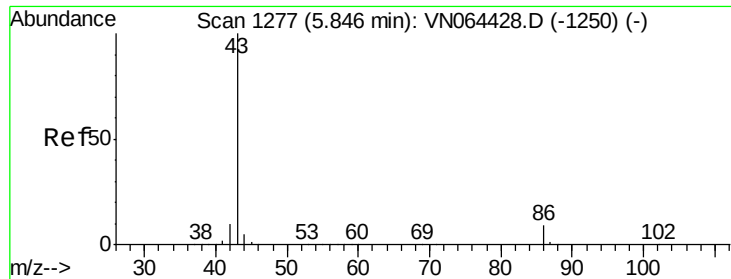
45 100

43 58.9 53.2 79.8

87 25.0 19.9 29.9

59 10.8 8.6 13.0





#23

Vinyl Acetate

Concen: 855.312 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

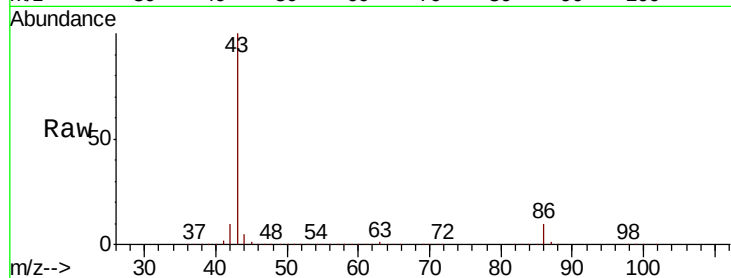
VSTDIC150

Tot Ion: 43 Resp:10158164

Ion Ratio Lower Upper

43 100

86 10.0 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VN064430.D (-1184) (-)

Ion 86.00 (85.70 to 86.70): VN064430.D (-1184) (-)

5.85

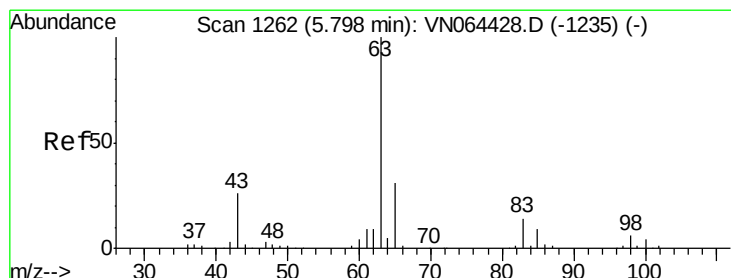
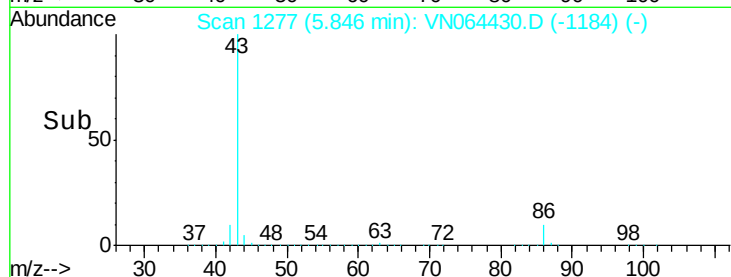
3000000

2000000

1000000

0

Time--> 5.60 5.80 6.00



#24

1,1-Dichloroethane

Concen: 162.808 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

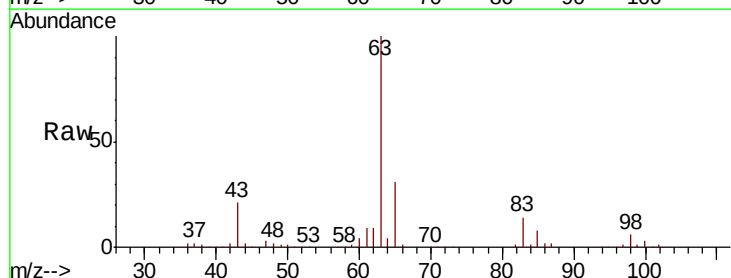
Tgt Ion: 63 Resp: 1281880

Ion Ratio Lower Upper

63 100

98 5.6 3.0 9.2

100 3.4 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN064430.D (-1169) (-)

Ion 97.90 (97.60 to 98.60): VN064430.D (-1169) (-)

Ion 99.90 (99.60 to 100.60): VN064430.D (-1169) (-)

5.79

500000

400000

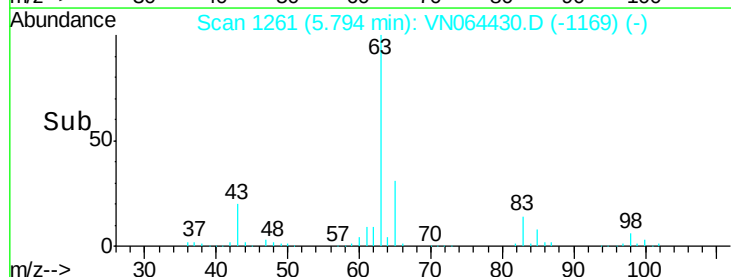
300000

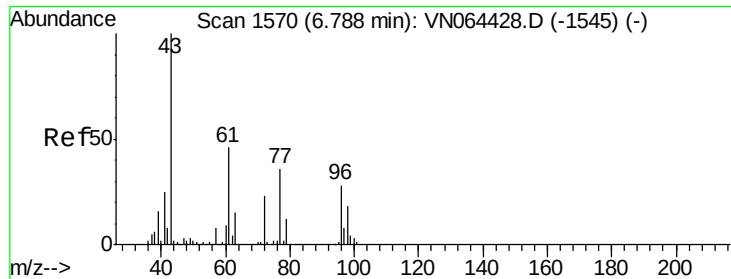
200000

100000

0

Time--> 5.70 5.80 5.90

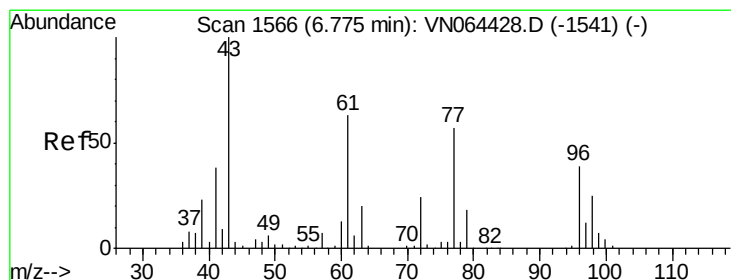
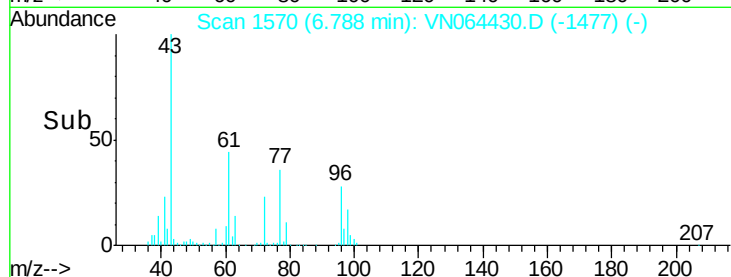
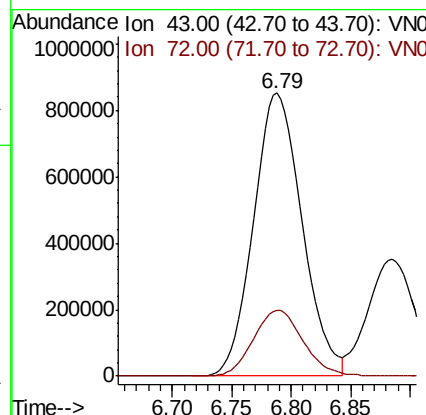
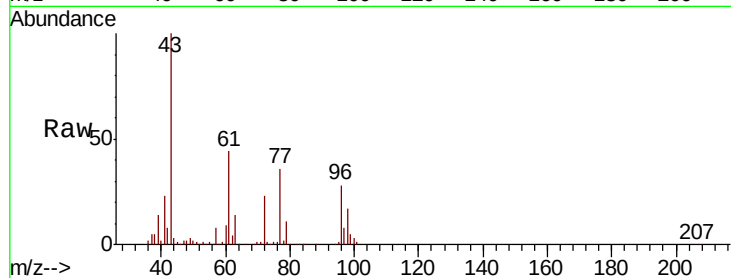




#25
 2-Butanone
 Concen: 817.445 ug/l
 RT: 6.79 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

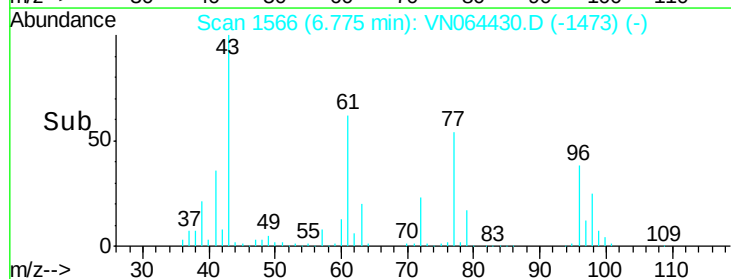
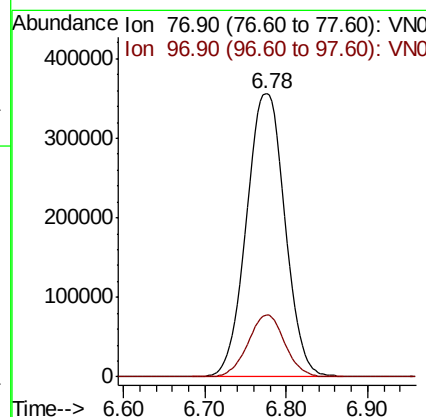
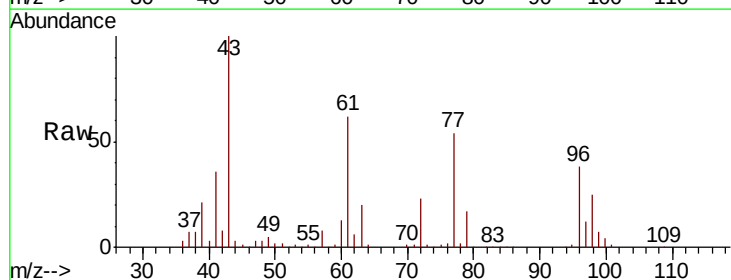
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

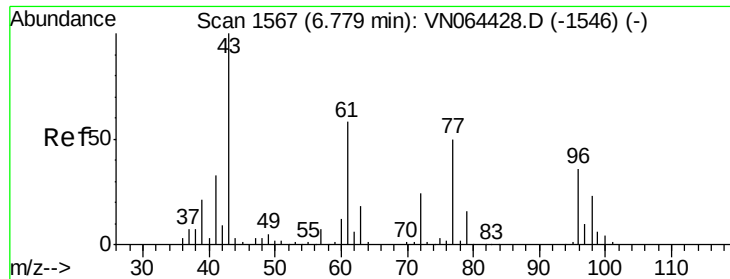
Tot Ion: 43 Resp: 2408673
 Ion Ratio Lower Upper
 43 100
 72 23.4 18.5 27.7



#26
 2,2-Dichloropropane
 Concen: 153.280 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 77 Resp: 1164081
 Ion Ratio Lower Upper
 77 100
 97 21.0 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 167.653 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

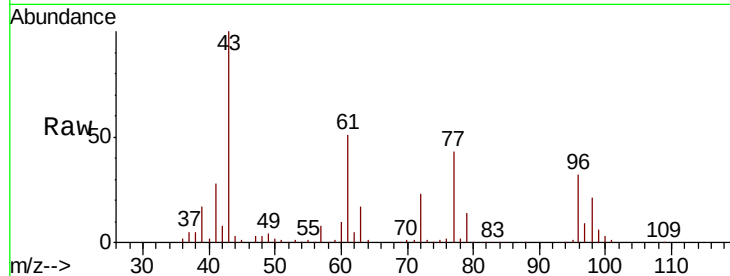
Tot Ion: 96 Resp: 754374

Ion Ratio Lower Upper

96 100

61 163.4 0.0 329.6

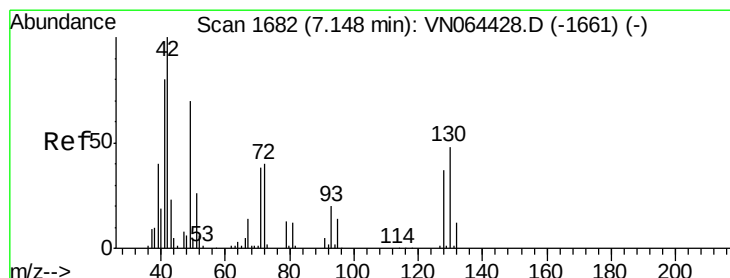
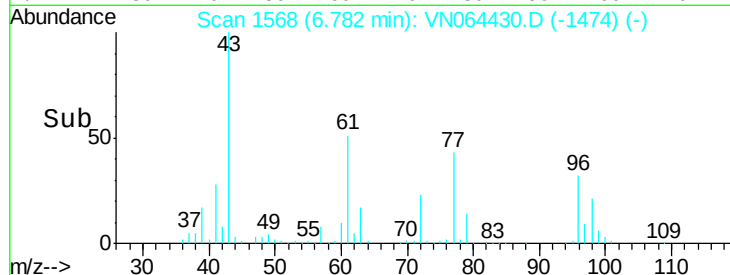
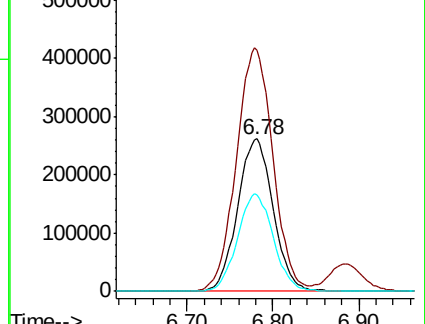
98 64.4 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 181.847 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

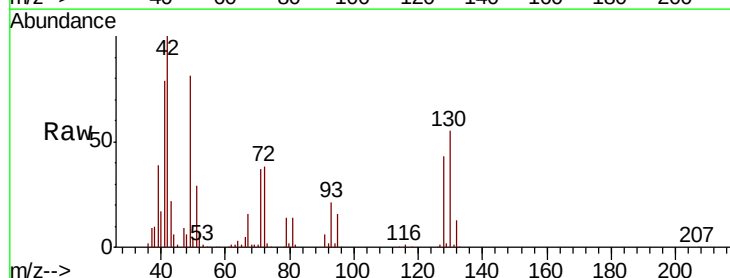
Tgt Ion: 49 Resp: 665321

Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.6

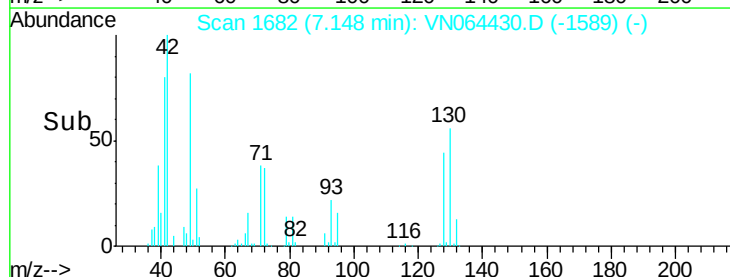
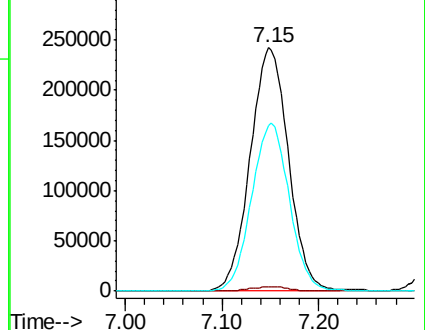
130 68.1 54.2 81.4

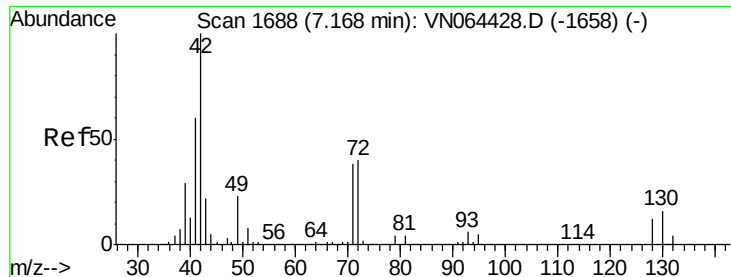


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

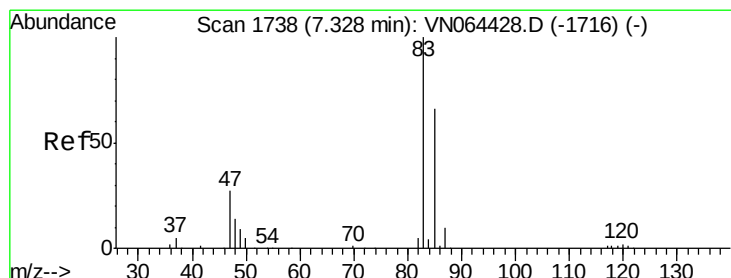
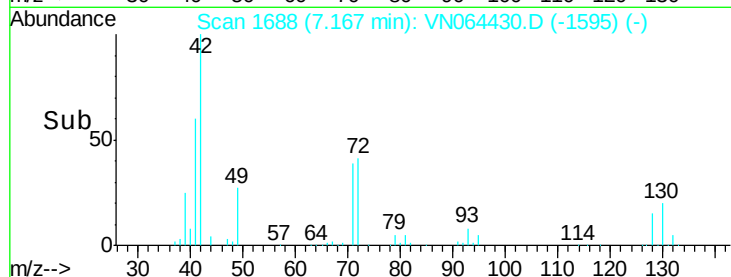
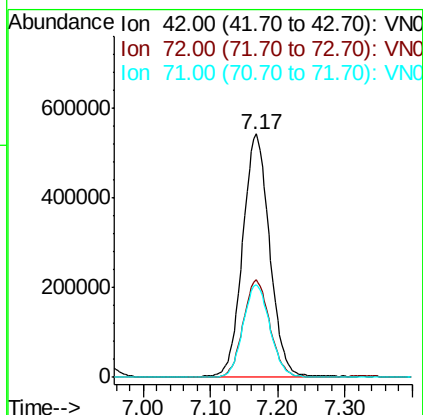
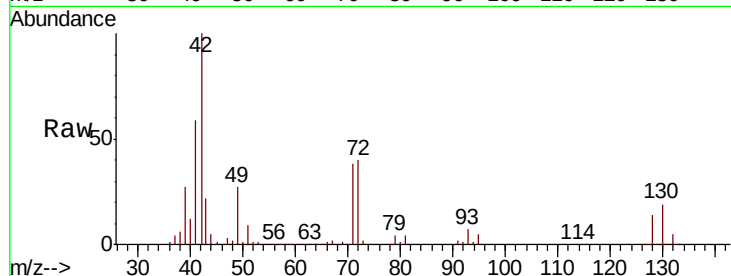




#29
Tetrahydrofuran
Concen: 803.502 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

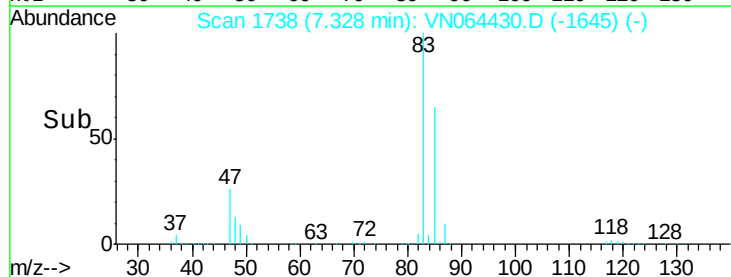
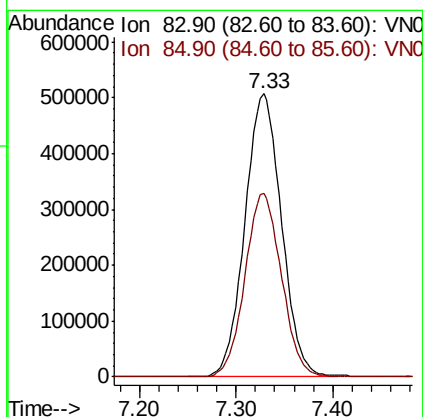
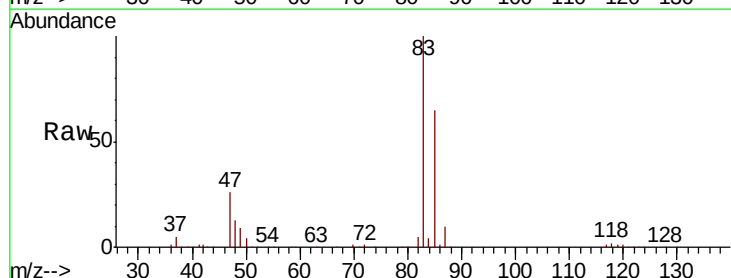
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

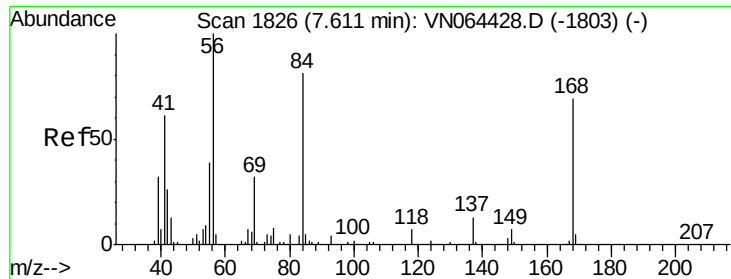
Tot Ion: 42 Resp: 1515109
Ion Ratio Lower Upper
42 100
72 39.3 31.7 47.5
71 37.9 29.8 44.6



#30
Chloroform
Concen: 158.431 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 83 Resp: 1331649
Ion Ratio Lower Upper
83 100
85 64.8 52.5 78.7

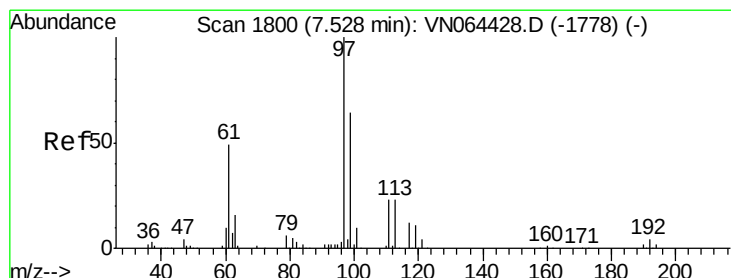
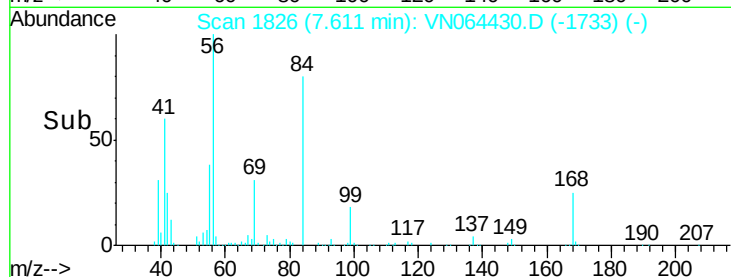
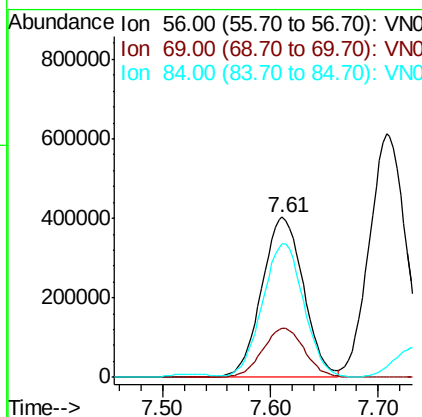
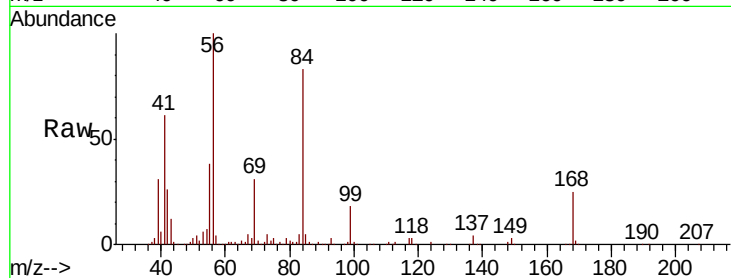




#31
Cyclohexane
Concen: 156.522 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

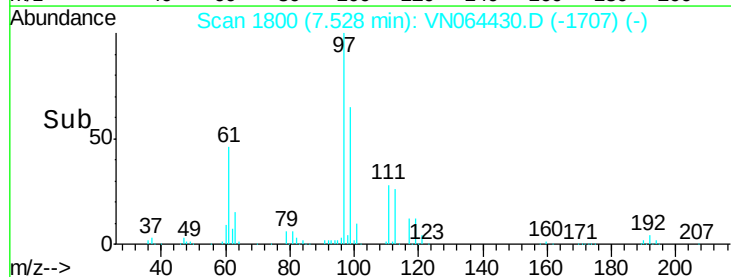
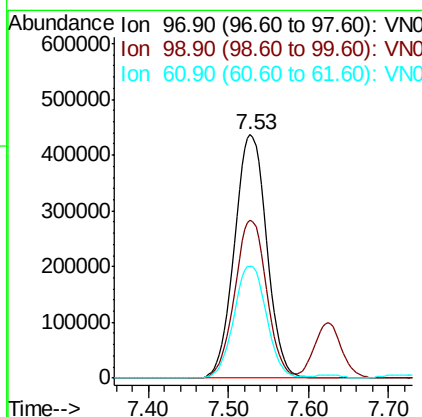
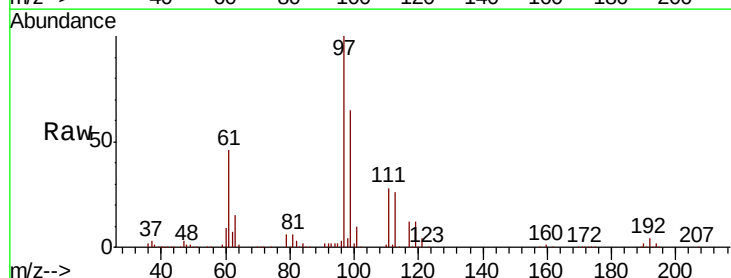
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

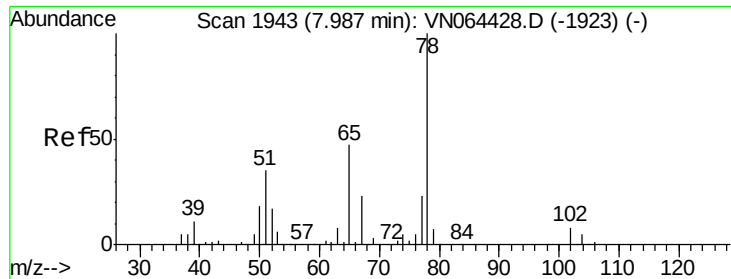
Tot Ion: 56 Resp: 1081972
Ion Ratio Lower Upper
56 100
69 30.8 25.6 38.4
84 81.6 63.0 94.6



#32
1,1,1-Trichloroethane
Concen: 150.062 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 97 Resp: 1190921
Ion Ratio Lower Upper
97 100
99 64.0 51.3 76.9
61 46.4 39.1 58.7

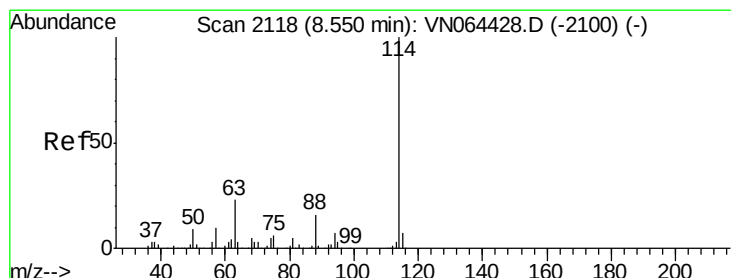
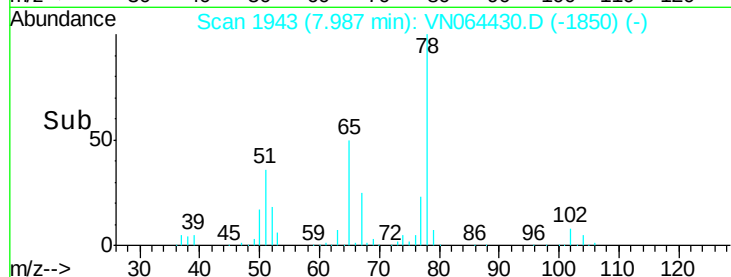
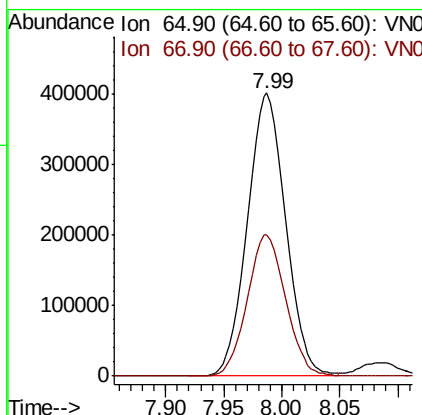
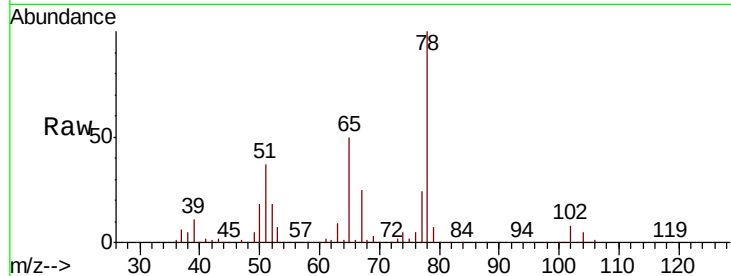




#33
 1,2-Dichloroethane-d4
 Concen: 158.264 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

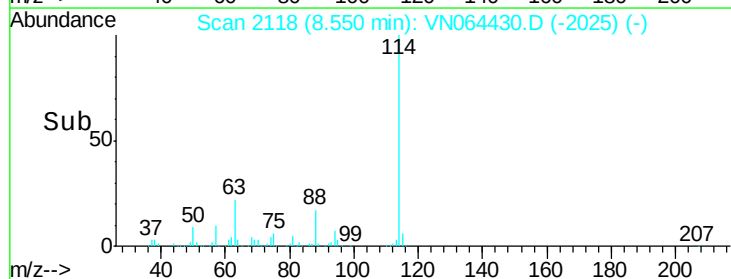
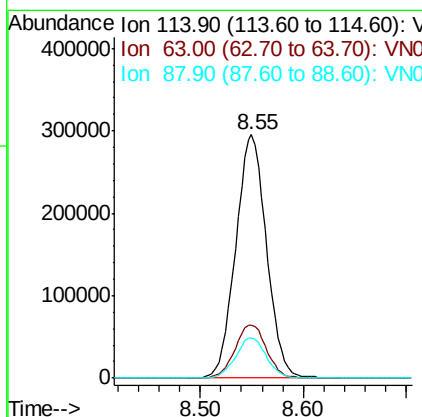
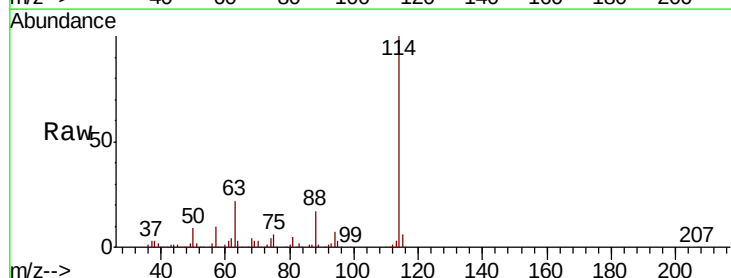
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

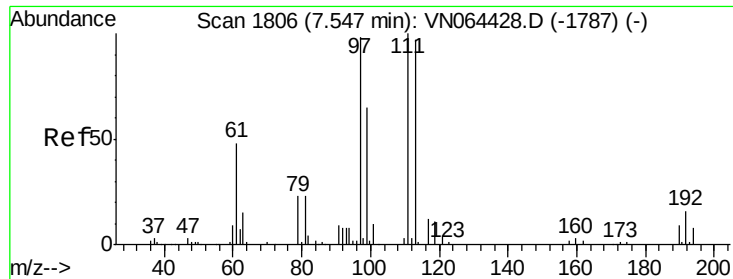
Tot Ion: 65 Resp: 923801
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 114 Resp: 612642
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.6
 88 16.6 0.0 32.8

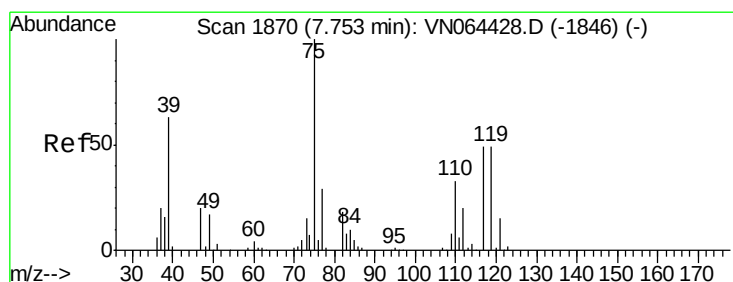
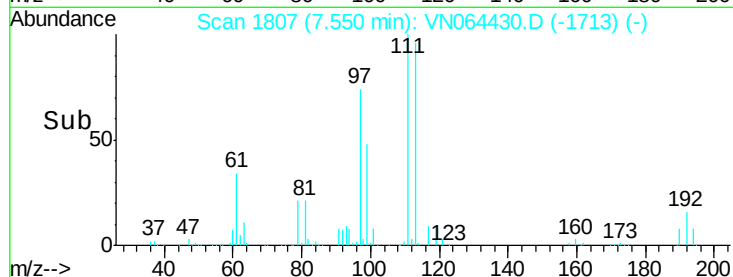
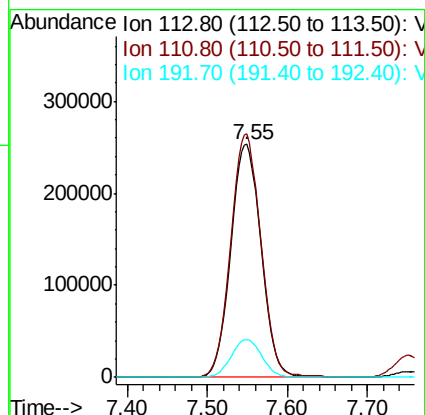
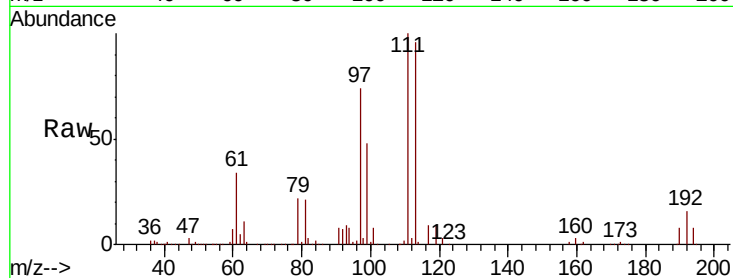




#35
Dibromofluoromethane
Concen: 159.231 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

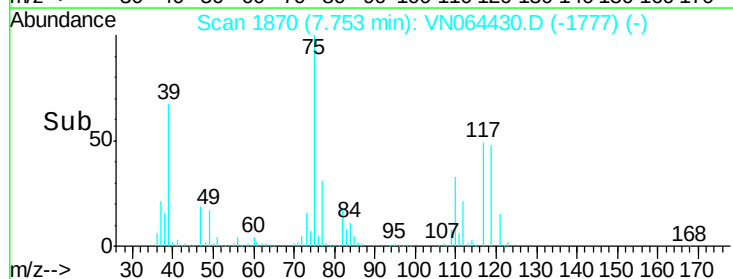
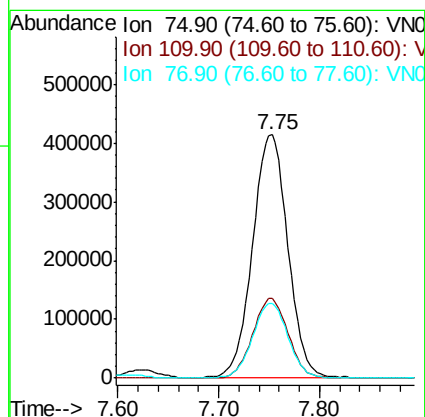
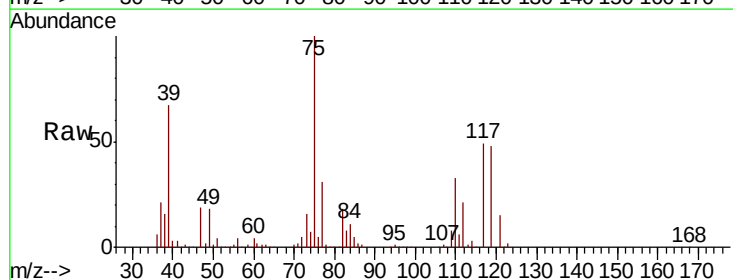
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

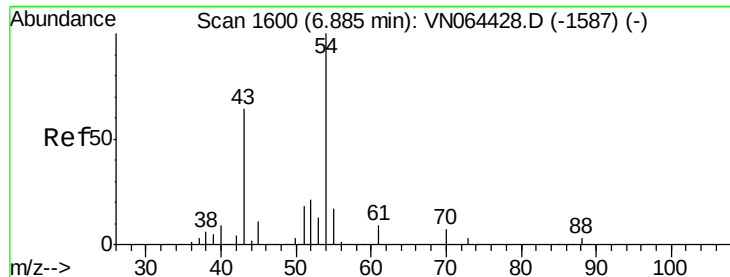
Tot Ion:113 Resp: 650994
Ion Ratio Lower Upper
113 100
111 104.2 81.1 121.7
192 16.4 12.8 19.2



#36
1,1-Dichloropropene
Concen: 158.735 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 75 Resp: 1002735
Ion Ratio Lower Upper
75 100
110 32.9 16.0 48.0
77 31.0 24.0 36.0

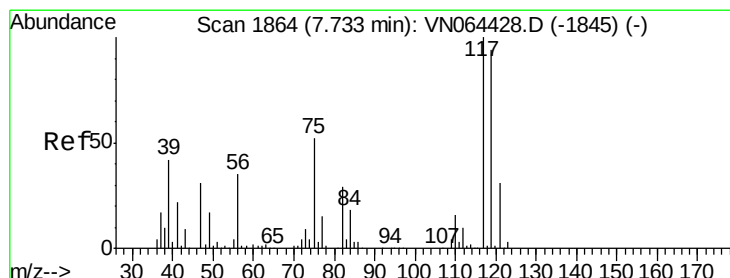
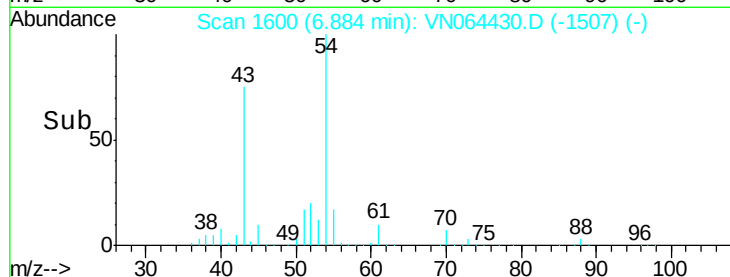
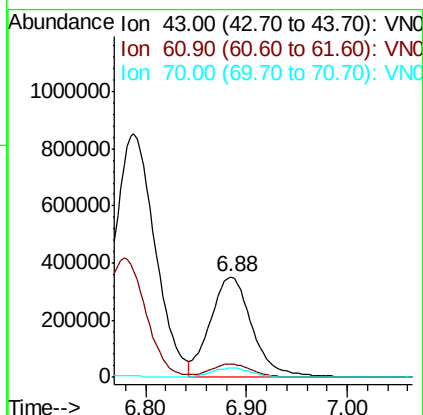
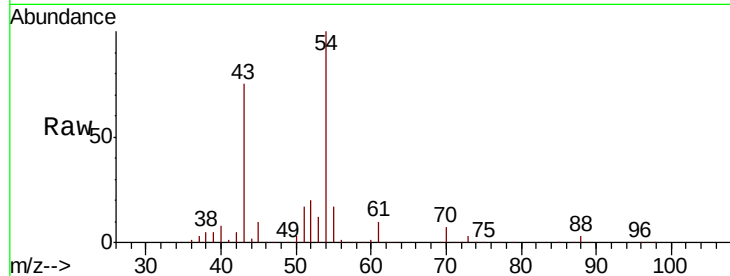




#37
Ethyl Acetate
Concen: 158.834 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

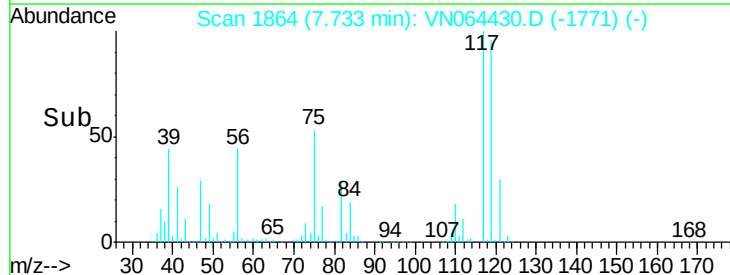
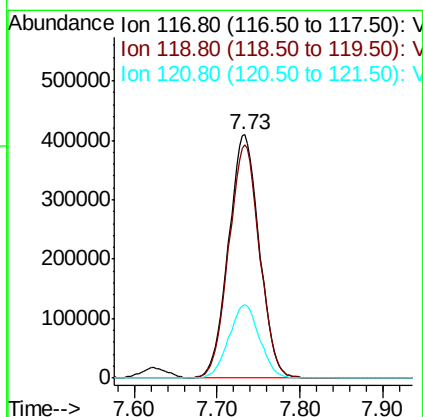
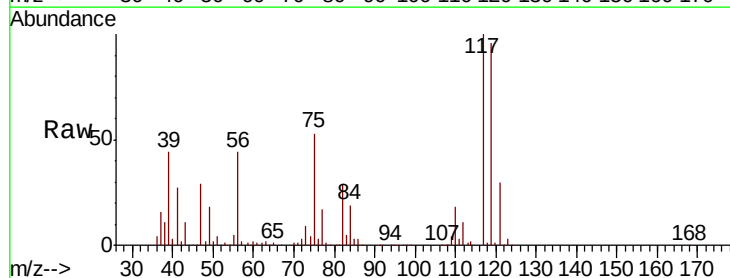
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

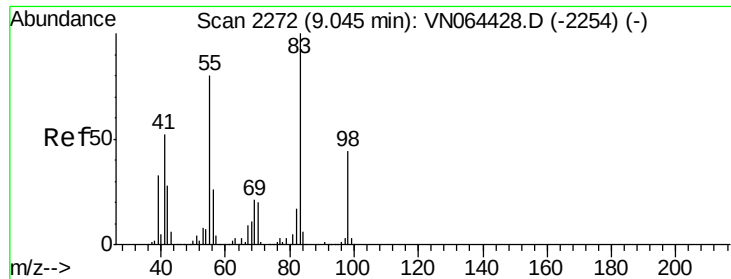
Tot Ion: 43 Resp: 1000934
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 9.0 7.1 10.7



#38
Carbon Tetrachloride
Concen: 147.192 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 117 Resp: 1054366
Ion Ratio Lower Upper
117 100
119 95.9 75.5 113.3
121 30.2 24.4 36.6

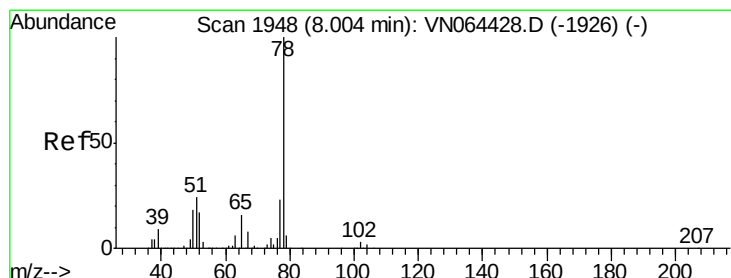
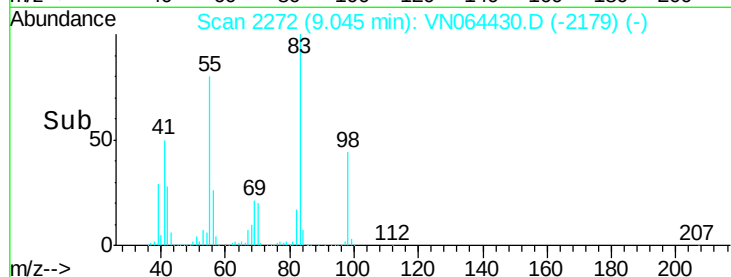
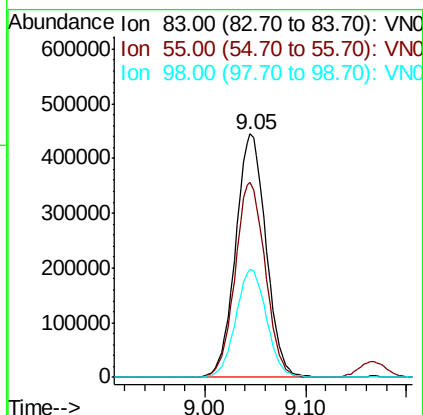
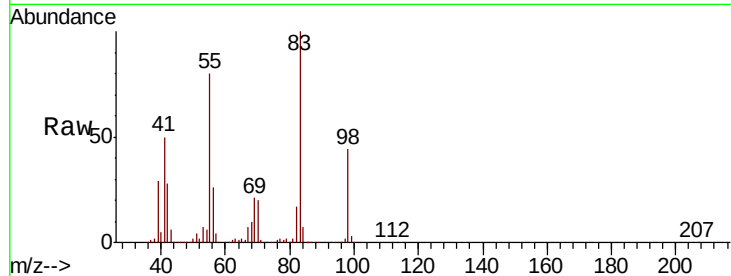




#39
Methylvlcyclohexane
Concen: 150.633 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

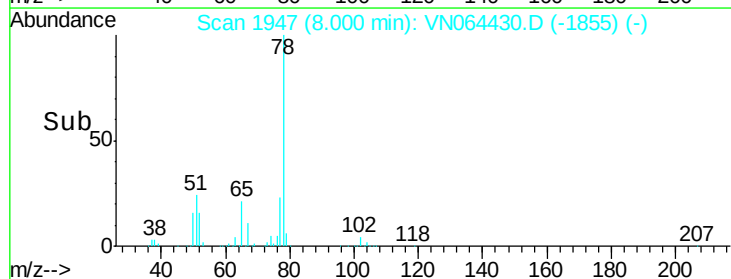
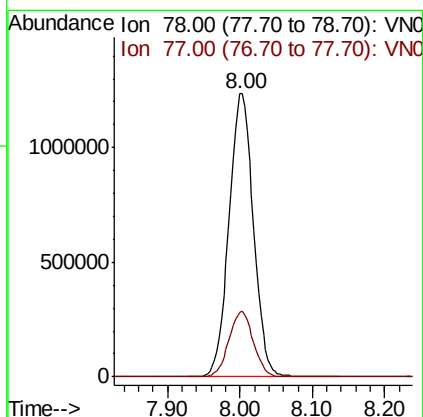
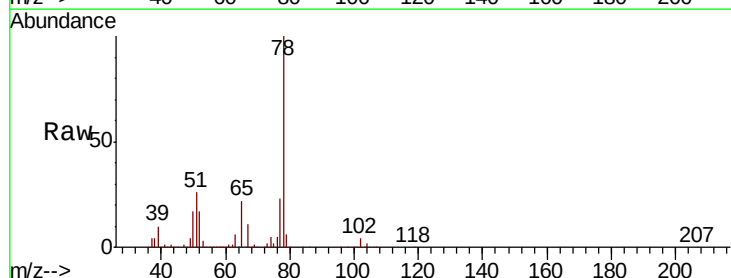
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

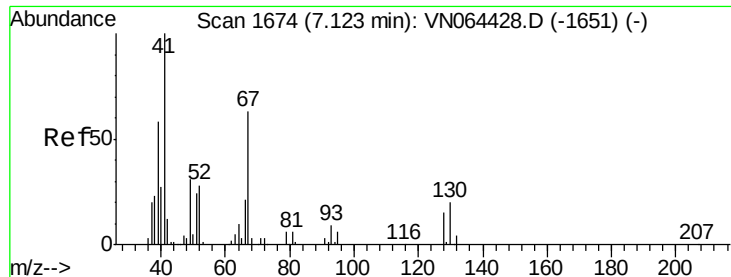
Tot Ion	83.00	Resp	928033
Ion	Ratio	Lower	Upper
83	100		
55	79.9	63.8	95.6
98	44.4	35.4	53.2



#40
Benzene
Concen: 163.691 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion	78.00	Resp	2896640
Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





#41

Methacrylonitrile

Concen: 166.401 ug/l

RT: 7.13 min Scan# 1675

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

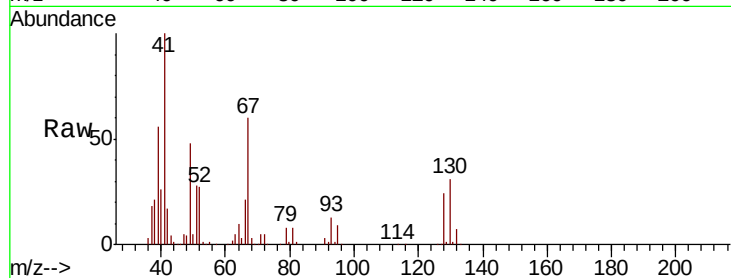
ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 510740

Ion Ratio Lower Upper

41	100		
39	59.4	50.0	75.0
67	72.0	68.3	102.5
52	31.8	32.7	49.1#



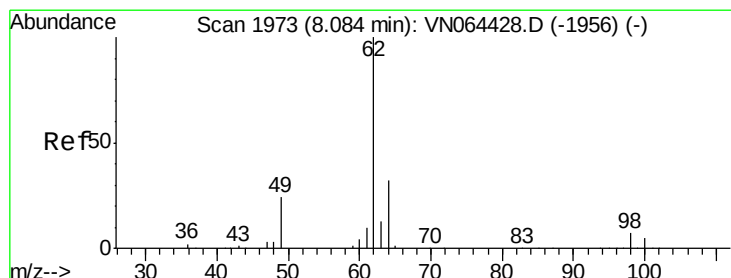
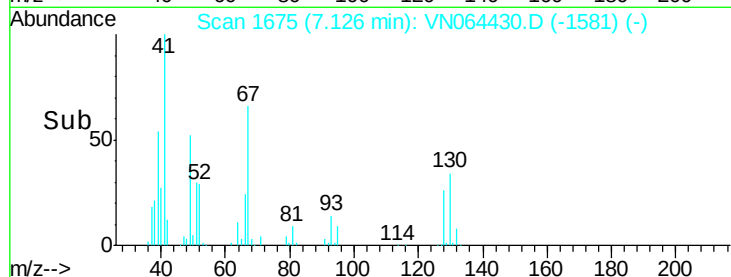
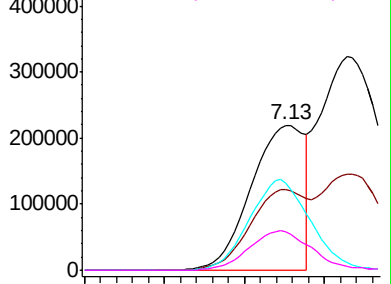
Abundance

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: 153.557 ug/l

RT: 8.08 min Scan# 1973

Delta R.T. -0.00 min

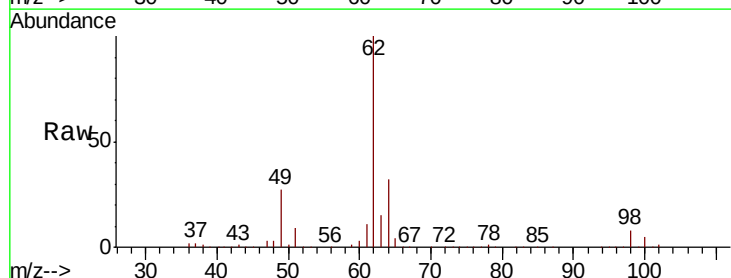
Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 62 Resp: 1156959

Ion Ratio Lower Upper

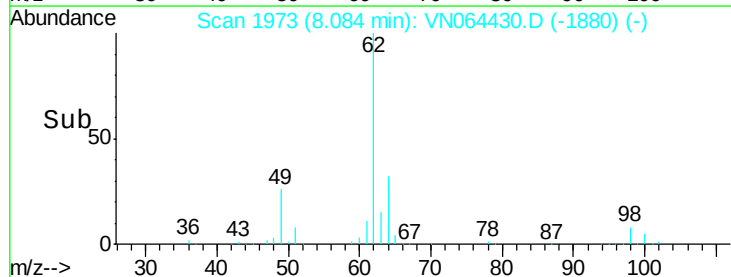
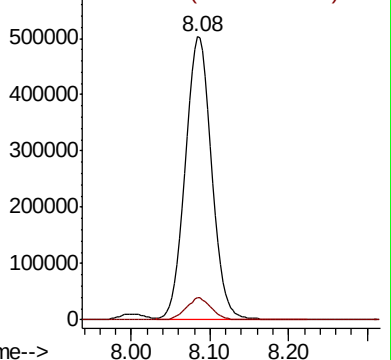
62	100		
98	7.3	0.0	14.0

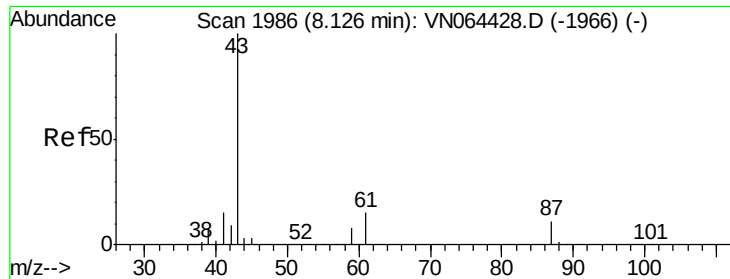


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 161.748 ug/l

RT: 8.13 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

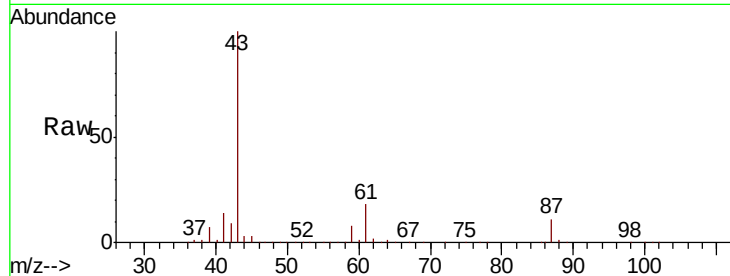
Tot Ion: 43 Resp: 1739069

Ion Ratio Lower Upper

43 100

61 18.3 14.0 21.0

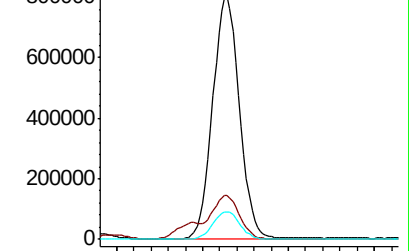
87 11.5 9.1 13.7



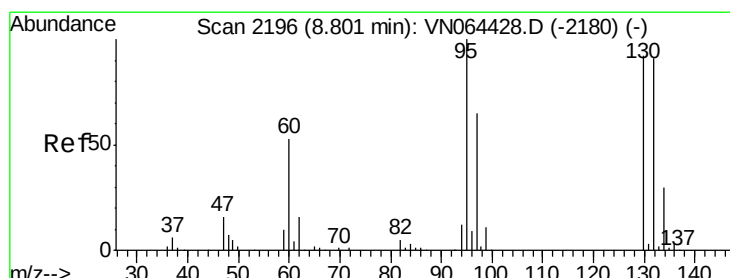
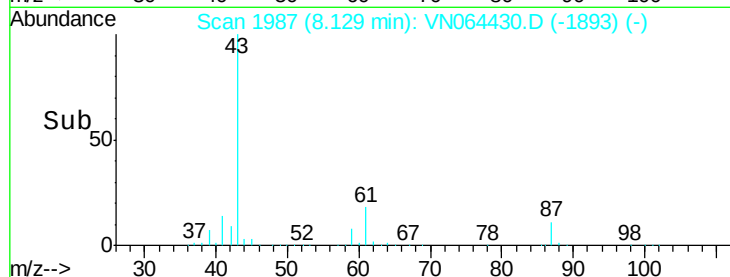
Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1966) (-)

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

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



Time-->



#44

Trichloroethene

Concen: 157.110 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064430.D

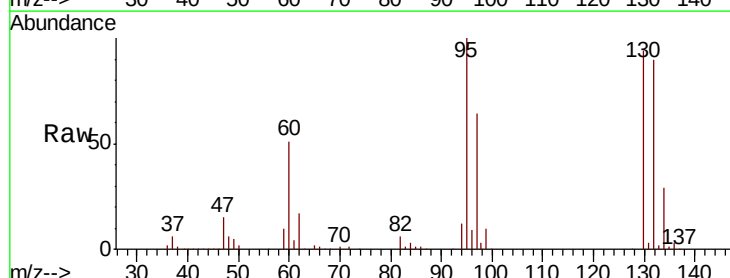
Acq: 4 Nov 2020 11:48

Tgt Ion:130 Resp: 717718

Ion Ratio Lower Upper

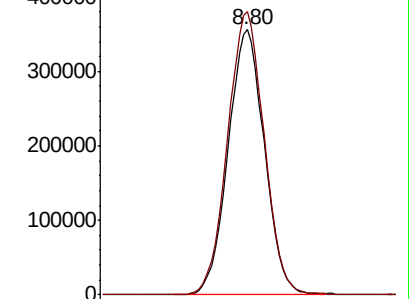
130 100

95 106.9 0.0 216.8

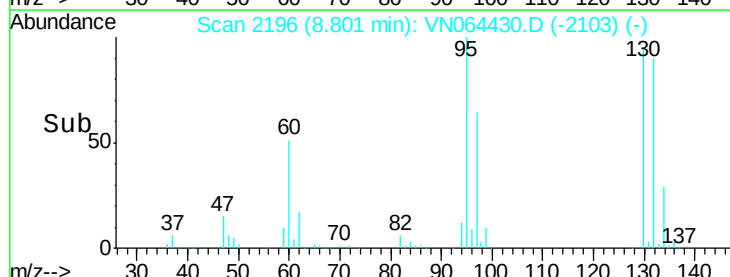


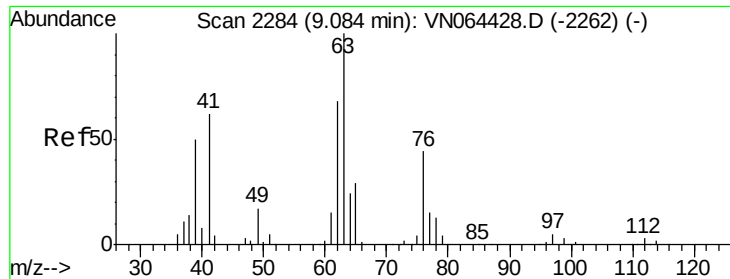
Abundance Ion 129.80 (129.50 to 130.50): VN064428.D (-2180) (-)

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



Time-->

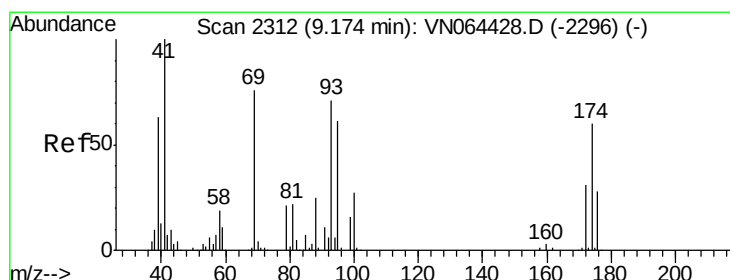
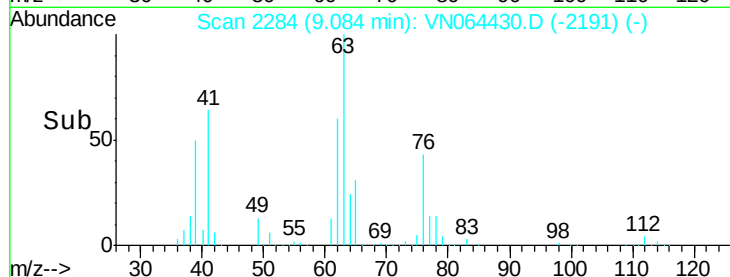
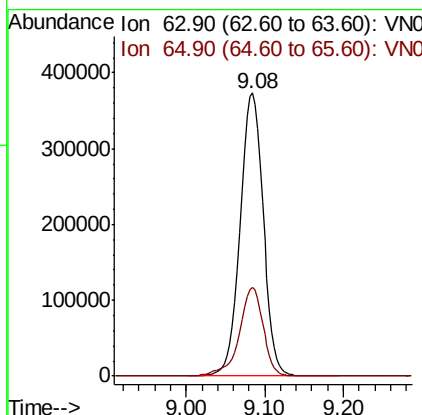
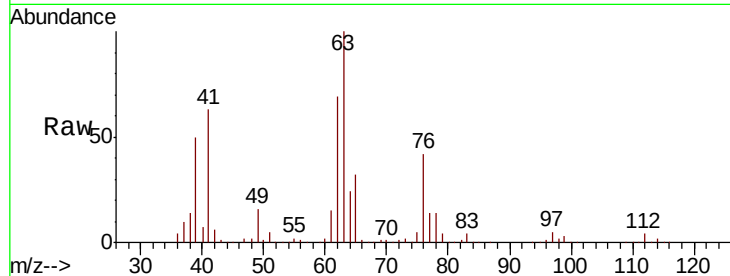




#45
 1,2-Dichloropropane
 Concen: 162.649 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

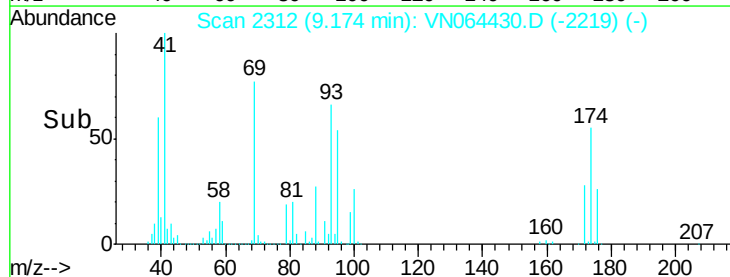
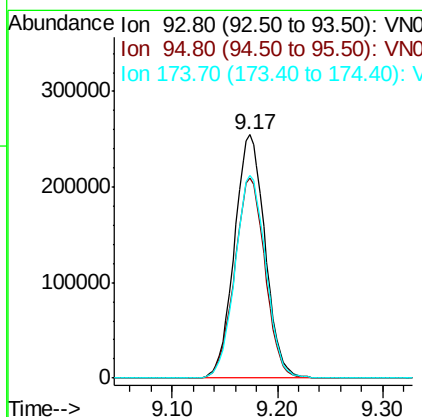
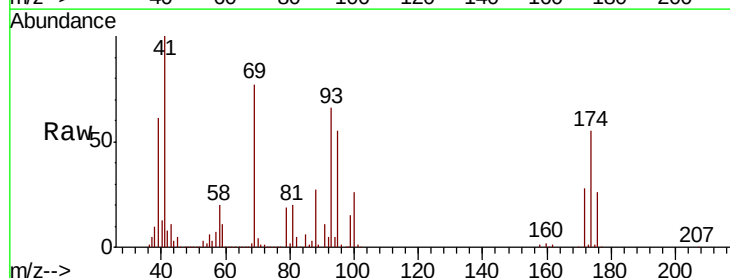
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

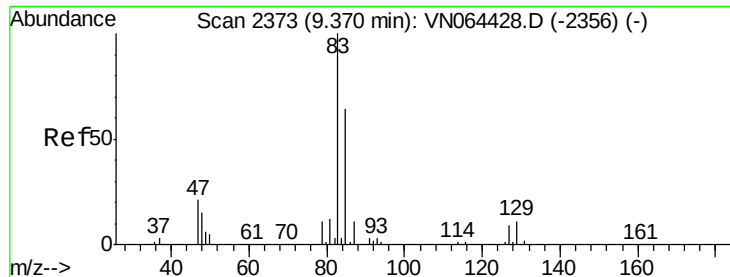
Tot Ion: 63 Resp: 772005
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.6 35.4



#46
 Dibromomethane
 Concen: 157.790 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 93 Resp: 514123
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.4 99.6
 174 83.5 67.2 100.8





#47

Bromodichloromethane

Concen: 153.010 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

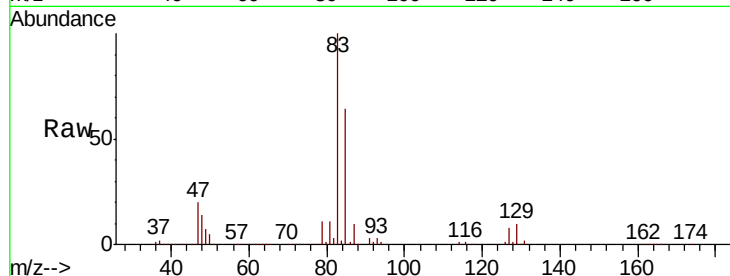
Tot Ion: 83 Resp: 1107033

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

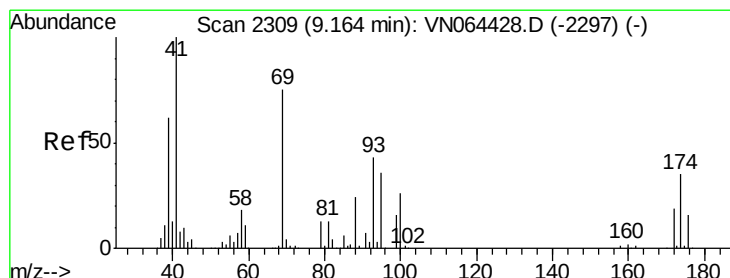
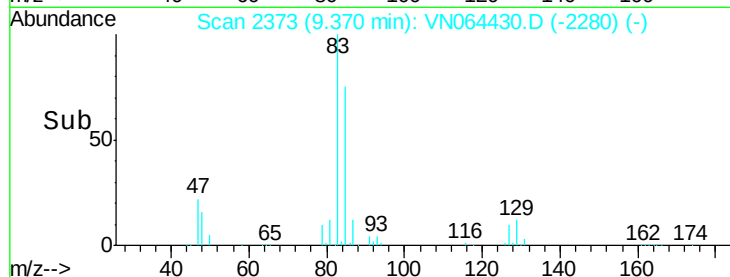
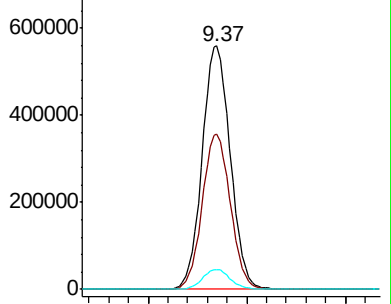
127 8.2 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN064430.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064430.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064430.D (-2280) (-)



#48

Methyl methacrylate

Concen: 158.372 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

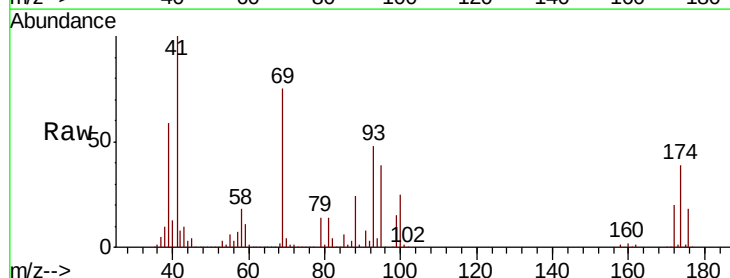
Tgt Ion: 41 Resp: 879561

Ion Ratio Lower Upper

41 100

69 75.6 60.4 90.6

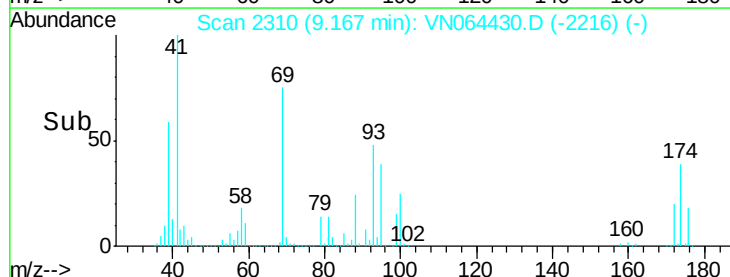
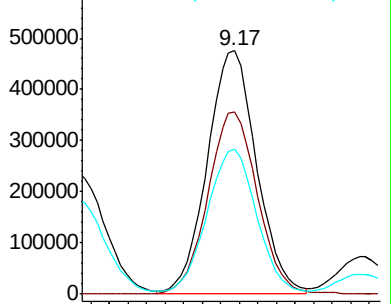
39 60.3 51.2 76.8

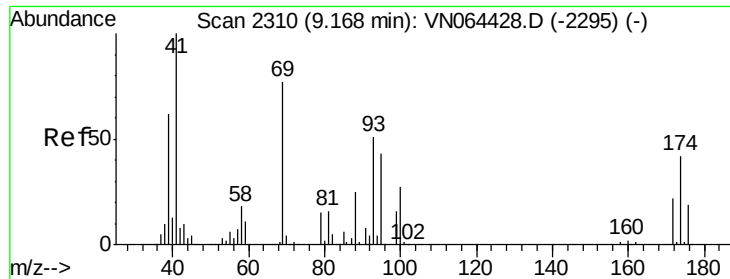


Abundance Ion 41.00 (40.70 to 41.70): VN064430.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064430.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064430.D (-2216) (-)





#49

1,4-Dioxane

Concen: 2930.912 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

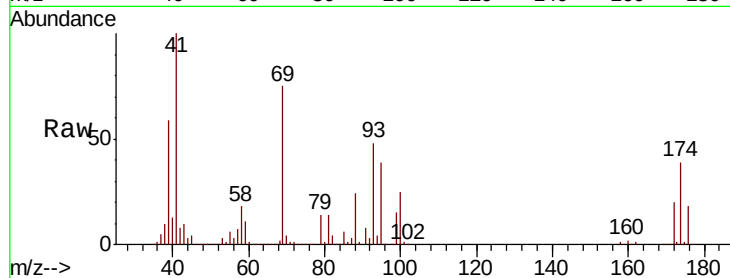
Tot Ion: 88 Resp: 234531

Ion Ratio Lower Upper

88 100

43 38.1 31.0 46.6

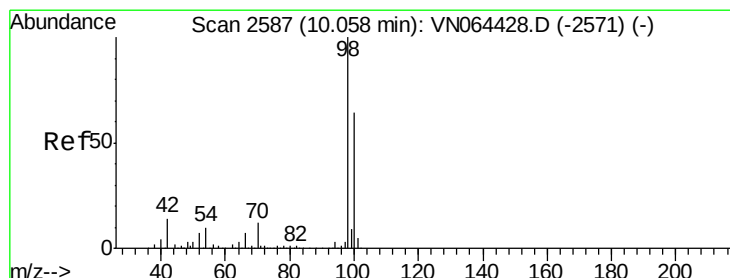
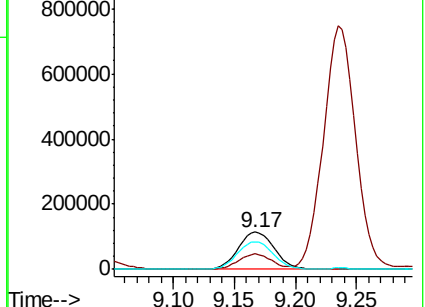
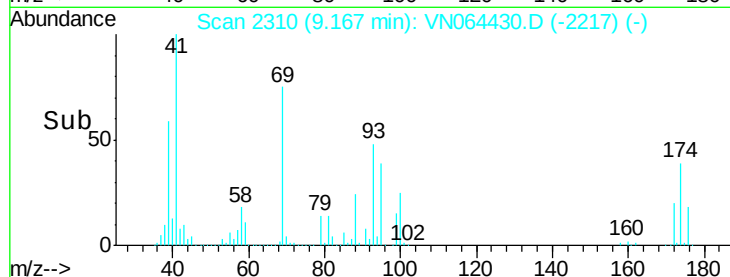
58 73.2 58.4 87.6



Abundance Ion 88.00 (87.70 to 88.70): VN064428.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN064428.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN064428.D (-2295) (-)



#50

Toluene-d8

Concen: 166.904 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064430.D

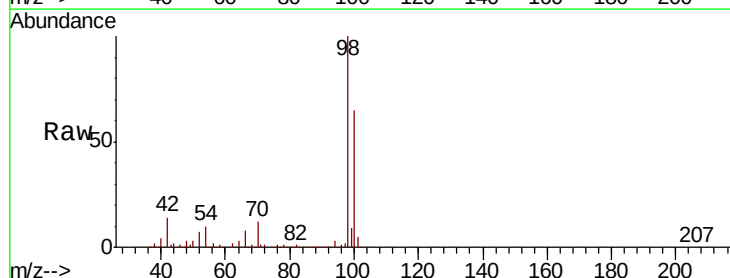
Acq: 4 Nov 2020 11:48

Tgt Ion: 98 Resp: 2560897

Ion Ratio Lower Upper

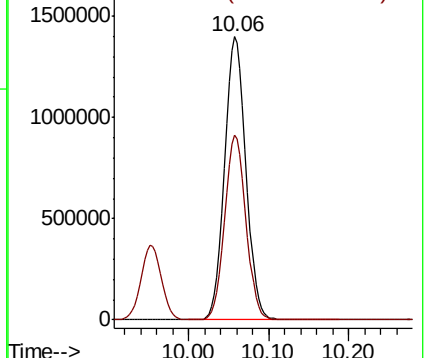
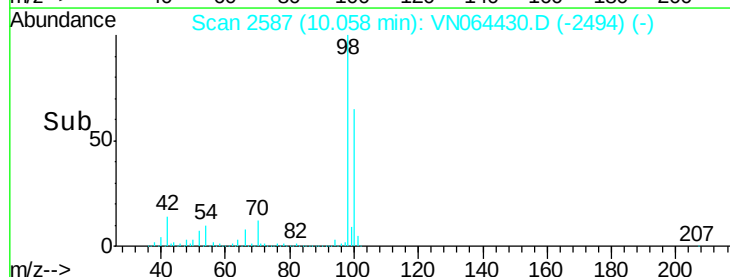
98 100

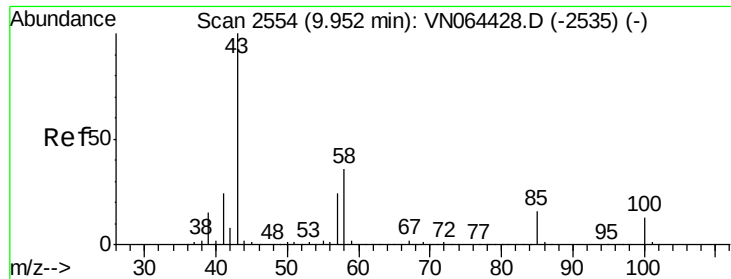
100 64.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN064428.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN064428.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 774.841 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

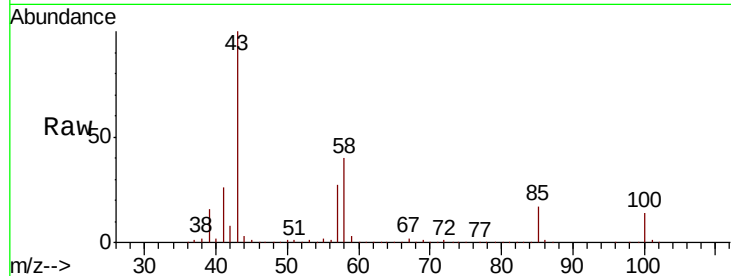
VSTDIC150

Tot Ion: 43 Resp: 4869610

Ion Ratio Lower Upper

43 100

58 38.6 28.4 42.6



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

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

9.95

2500000

2000000

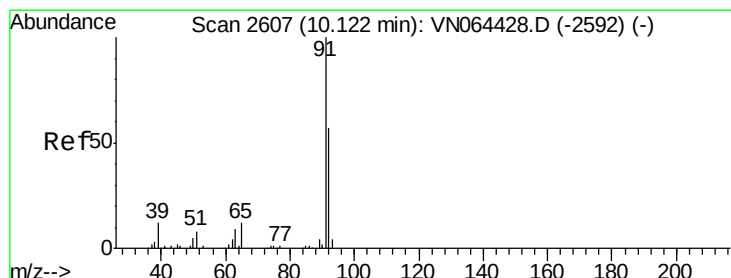
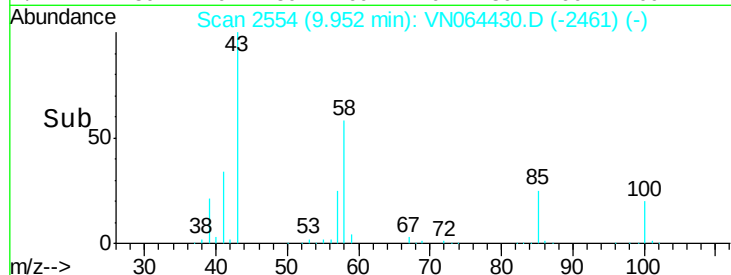
1500000

1000000

500000

0

Time-->



#52

Toluene

Concen: 165.533 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064430.D

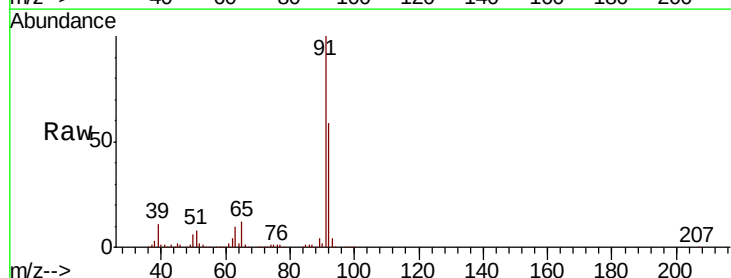
Acq: 4 Nov 2020 11:48

Tgt Ion: 92 Resp: 1845276

Ion Ratio Lower Upper

92 100

91 172.0 139.6 209.4



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

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

10.12

2000000

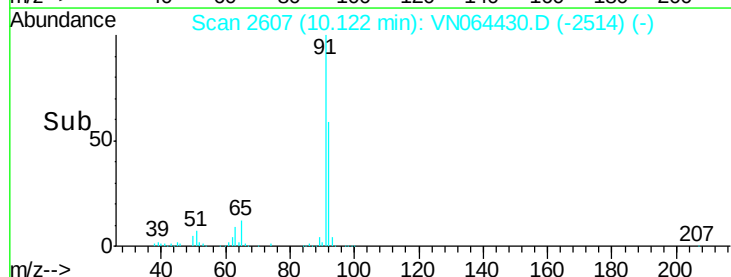
1500000

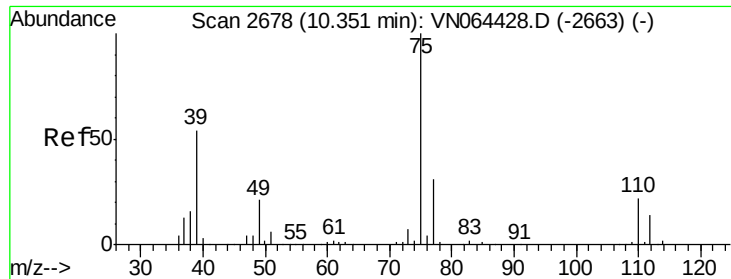
1000000

500000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 165.896 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

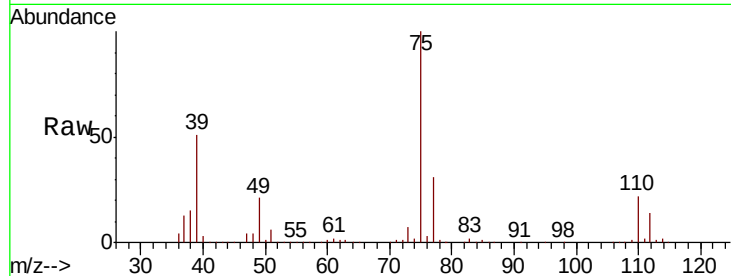
VSTDIC150

Tot Ion: 75 Resp: 1276284

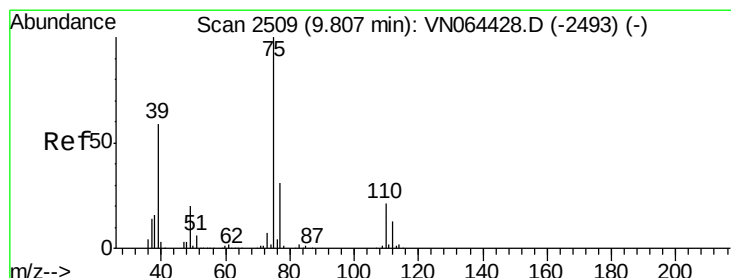
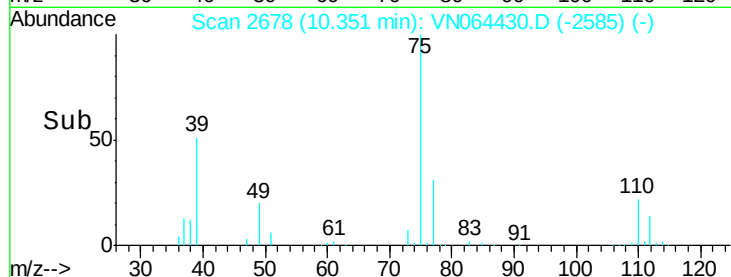
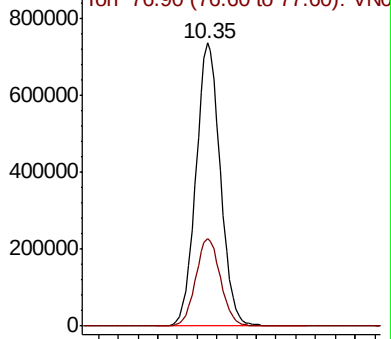
Ion Ratio Lower Upper

75 100

77 31.0 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN064430.D (-2585) (-)



#54

cis-1,3-Dichloropropene

Concen: 168.052 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

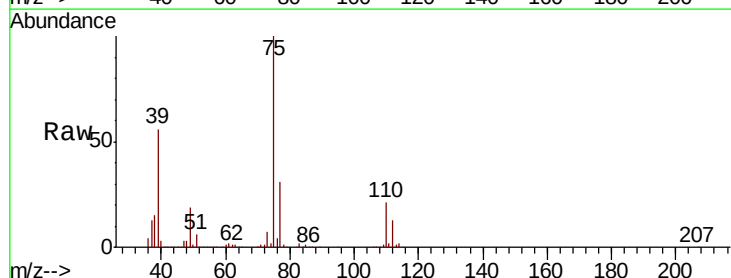
Tgt Ion: 75 Resp: 1329858

Ion Ratio Lower Upper

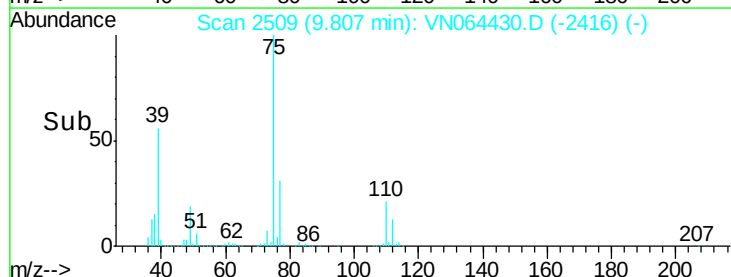
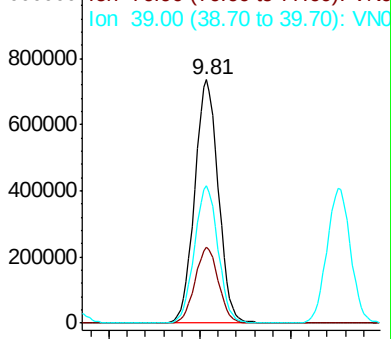
75 100

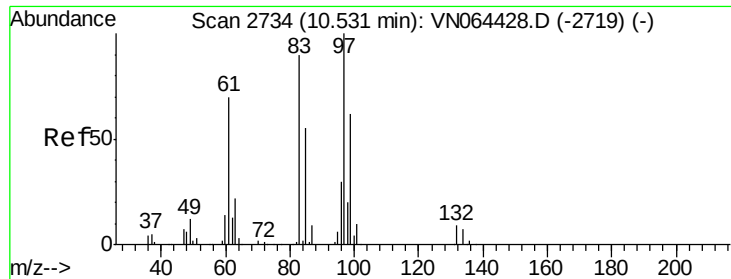
77 31.1 24.9 37.3

39 56.4 47.1 70.7



Abundance Ion 74.90 (74.60 to 75.60): VN064430.D (-2416) (-)



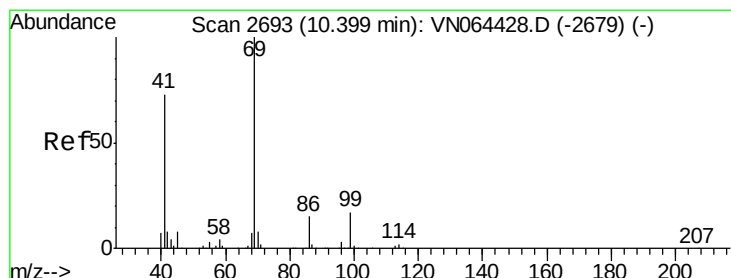
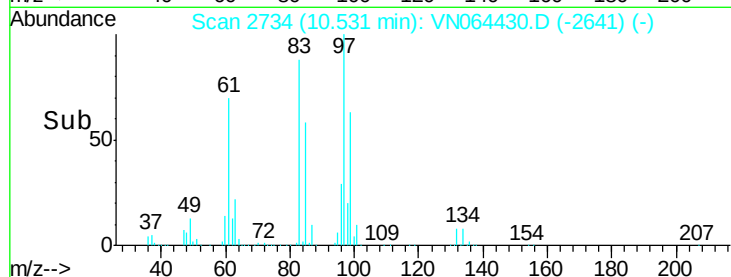
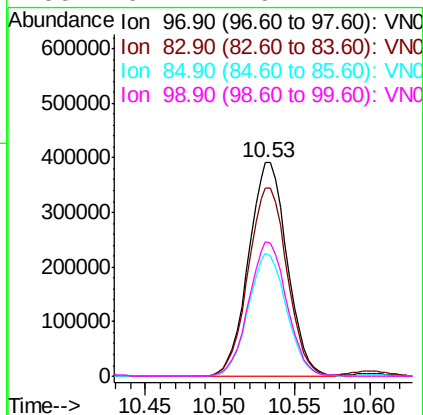
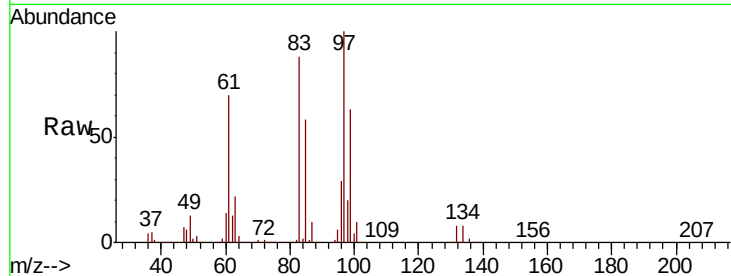


#55
 1,1,2-Trichloroethane
 Concen: 160.267 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 97 Resp: 701669

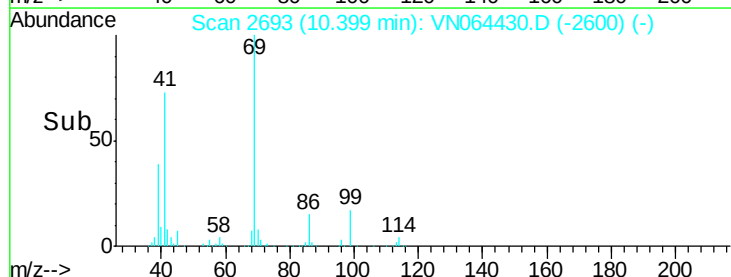
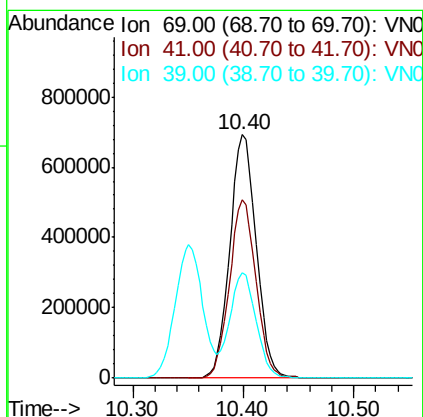
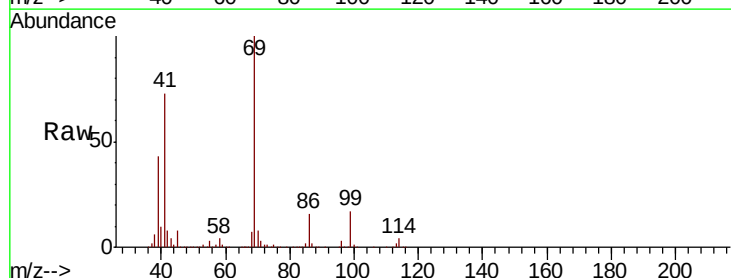
Ion	Ratio	Lower	Upper
97	100		
83	88.4	71.7	107.5
85	57.8	44.3	66.5
99	62.7	49.4	74.2

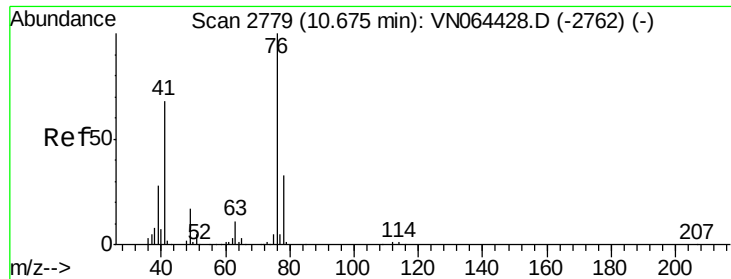


#56
 Ethyl methacrylate
 Concen: 174.964 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 69 Resp: 1154670

Ion	Ratio	Lower	Upper
69	100		
41	72.6	59.3	88.9
39	42.8	35.4	53.0





#57

1,3-Dichloropropane

Concen: 167.784 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

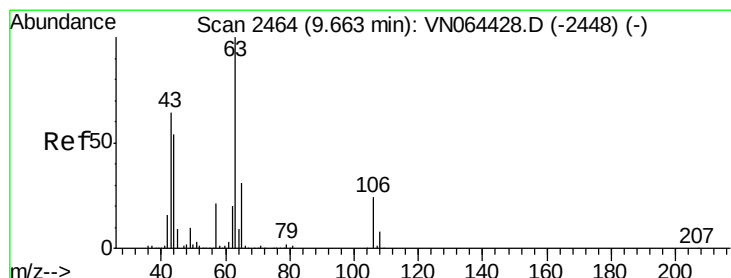
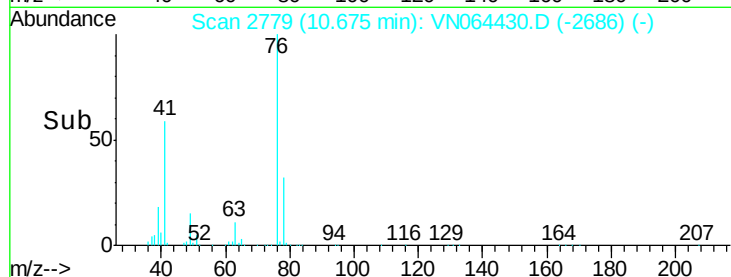
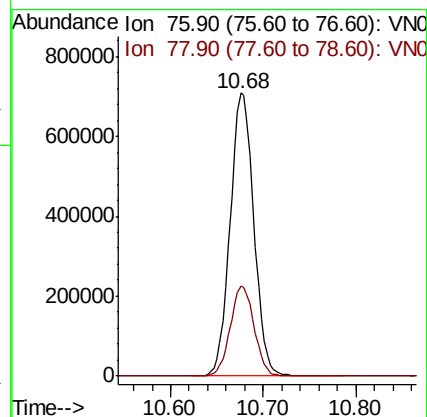
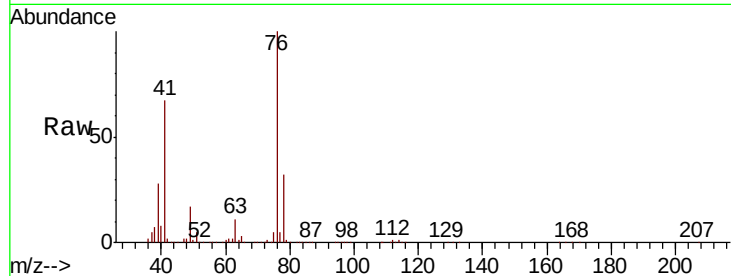
VSTDIC150

Tot Ion: 76 Resp: 1252715

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 848.397 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064430.D

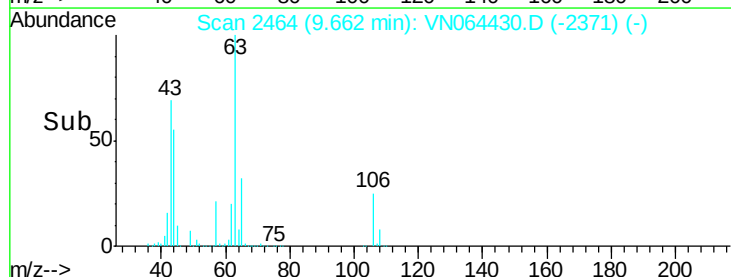
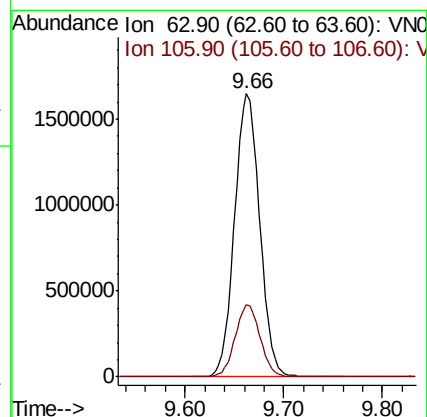
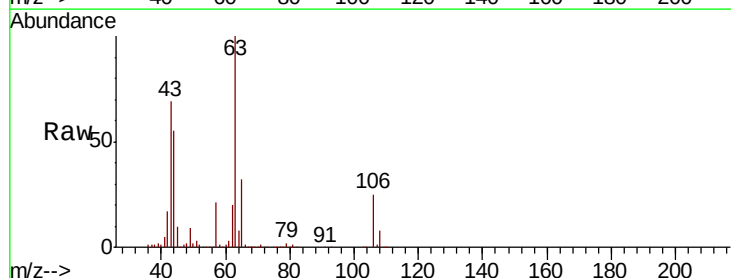
Acq: 4 Nov 2020 11:48

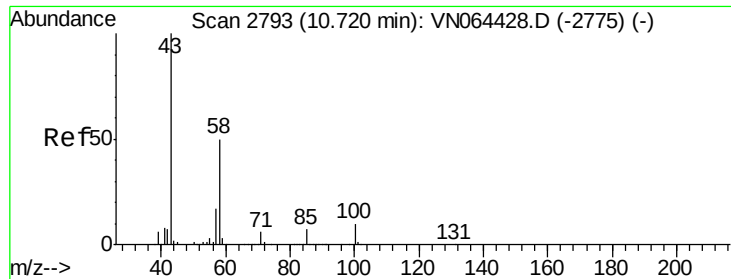
Tgt Ion: 63 Resp: 2913035

Ion Ratio Lower Upper

63 100

106 25.2 19.5 29.3

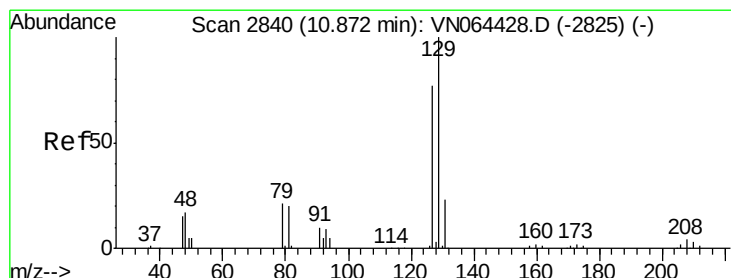
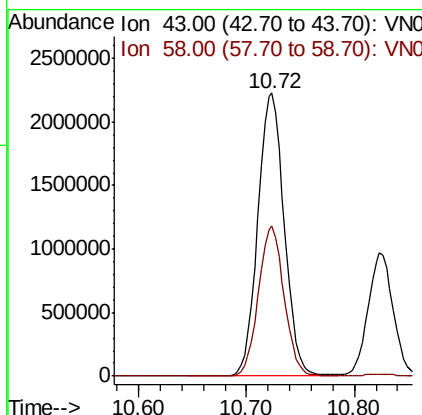
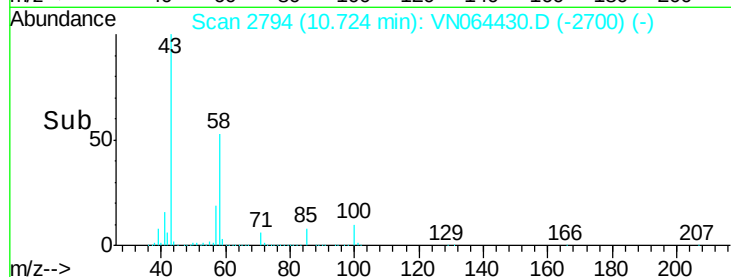
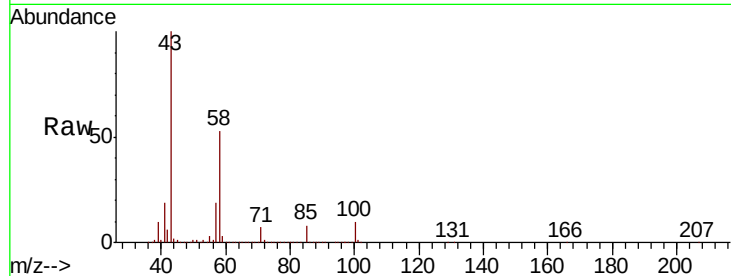




#59
2-Hexanone
Concen: 815.213 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

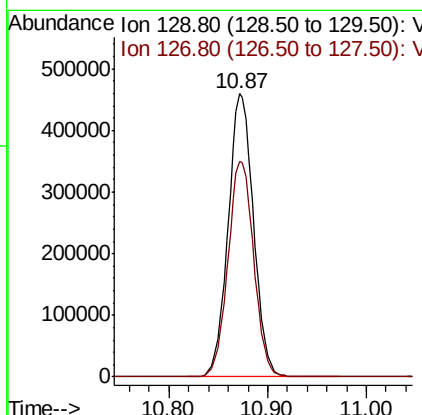
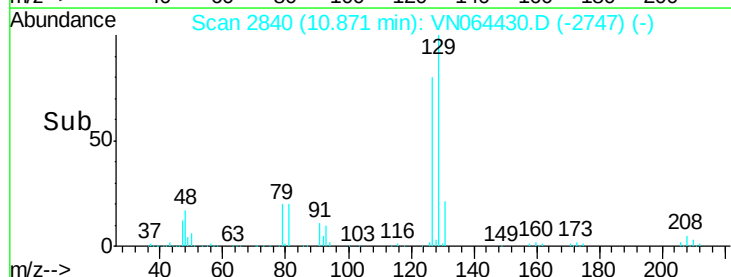
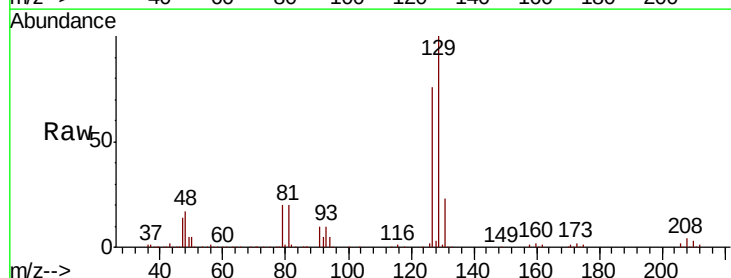
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

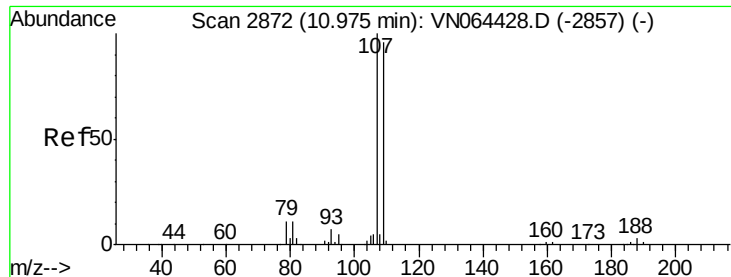
Tot Ion: 43 Resp: 3765445
Ion Ratio Lower Upper
43 100
58 51.7 24.7 74.1



#60
Dibromochloromethane
Concen: 162.284 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 129 Resp: 827238
Ion Ratio Lower Upper
129 100
127 77.4 38.9 116.7





#61

1,2-Dibromoethane

Concen: 167.358 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

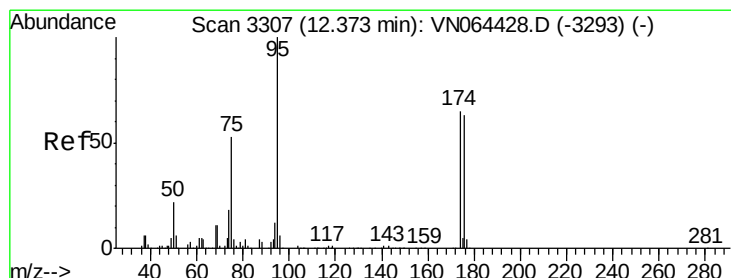
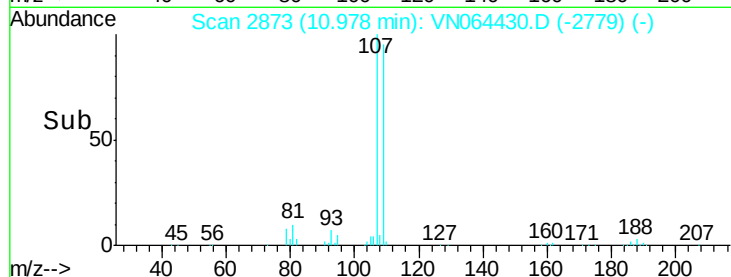
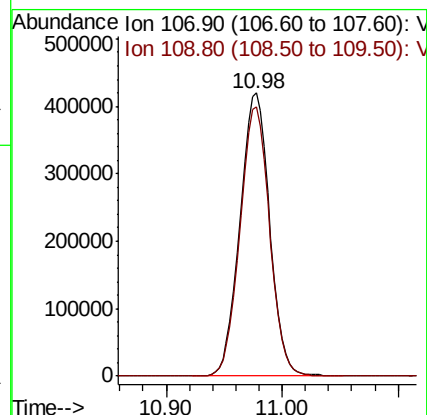
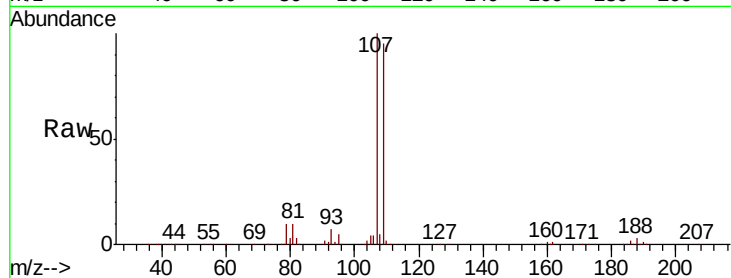
VSTDIC150

Tot Ion:107 Resp: 741970

Ion Ratio Lower Upper

107 100

109 95.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 168.541 ug/l

RT: 12.37 min Scan# 3307

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

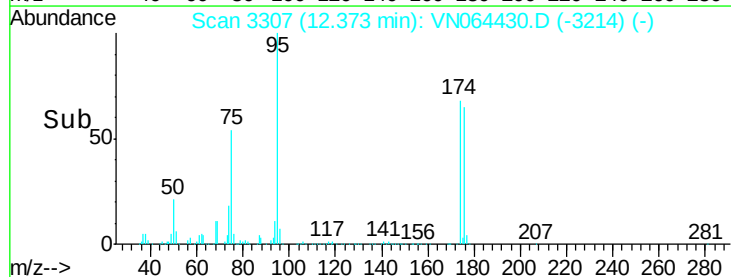
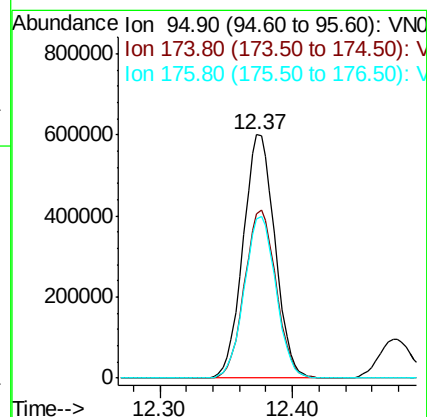
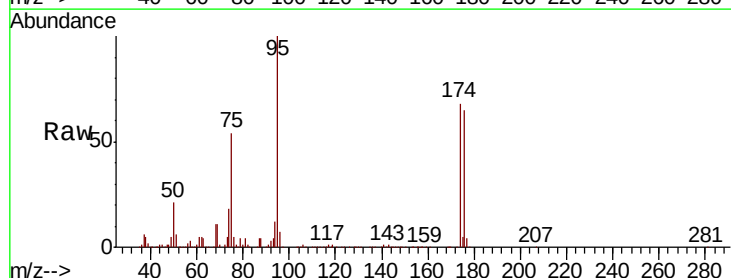
Tgt Ion: 95 Resp: 1001876

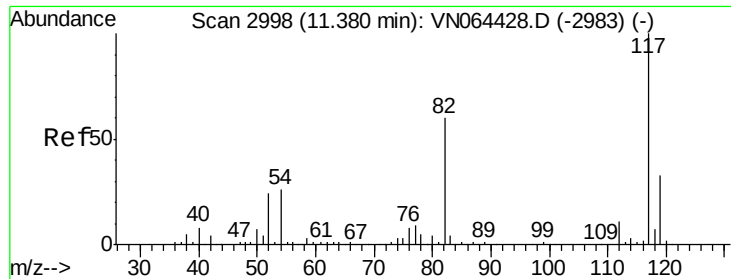
Ion Ratio Lower Upper

95 100

174 68.5 0.0 132.6

176 66.2 0.0 129.2

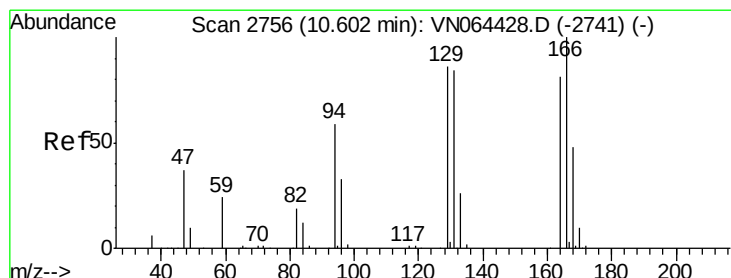
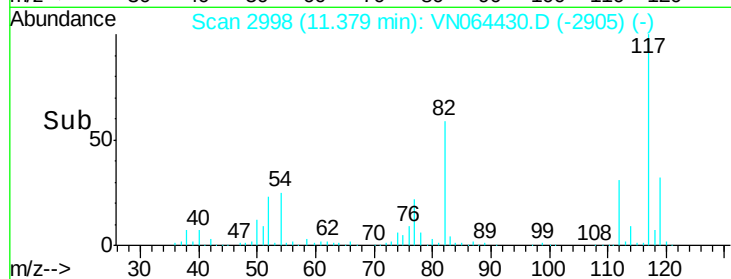
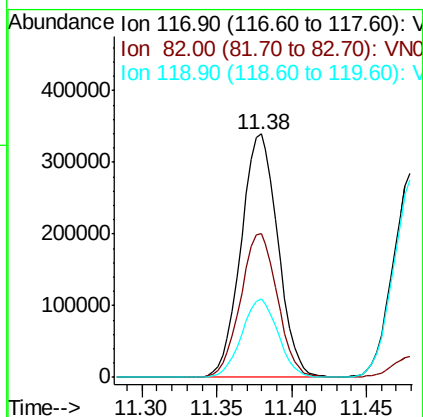
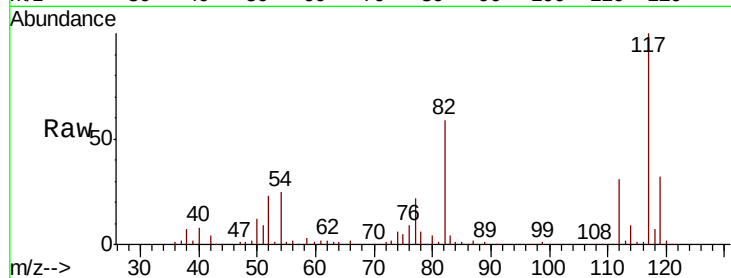




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

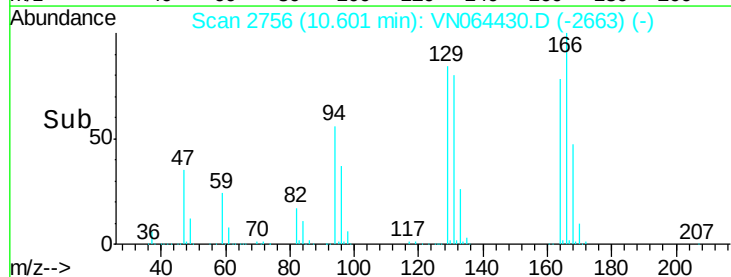
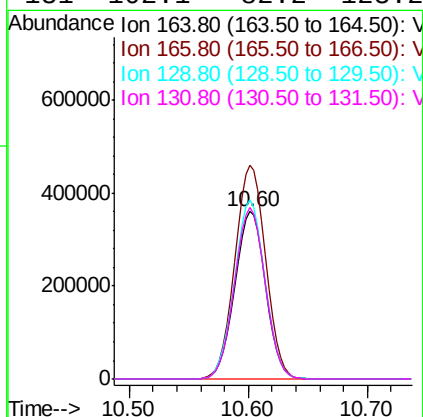
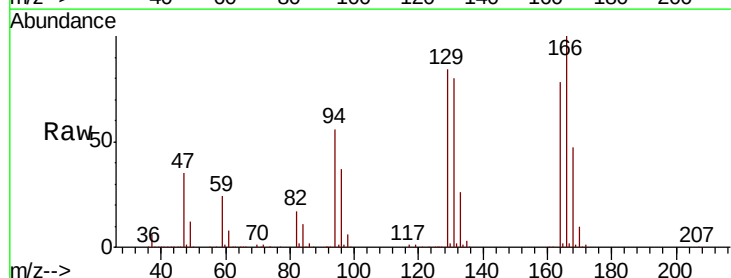
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

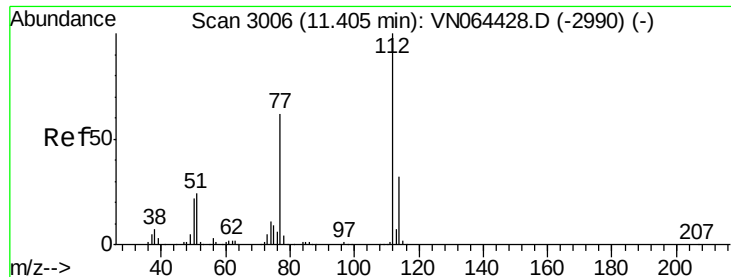
Tot Ion:117 Resp: 583651
Ion Ratio Lower Upper
117 100
82 59.1 48.1 72.1
119 32.2 26.2 39.4



#64
Tetrachloroethene
Concen: 134.723 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:164 Resp: 645333
Ion Ratio Lower Upper
164 100
166 127.5 98.2 147.2
129 107.0 84.6 127.0
131 102.1 82.2 123.2

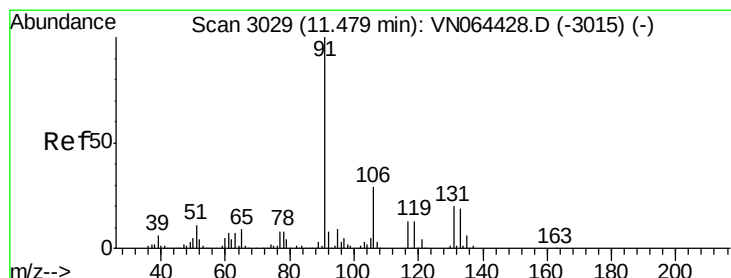
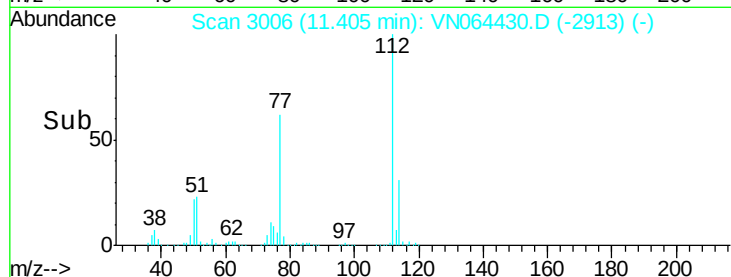
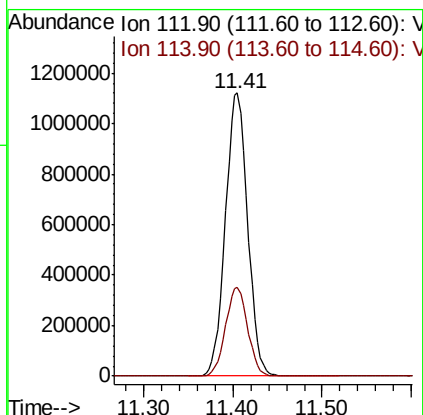
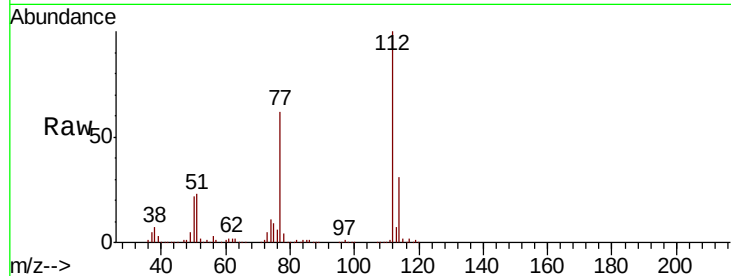




#65
Chlorobenzene
Concen: 160.179 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

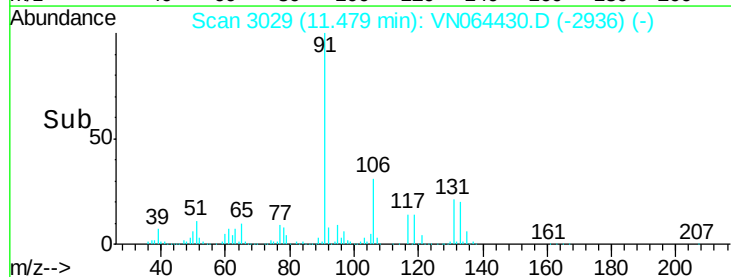
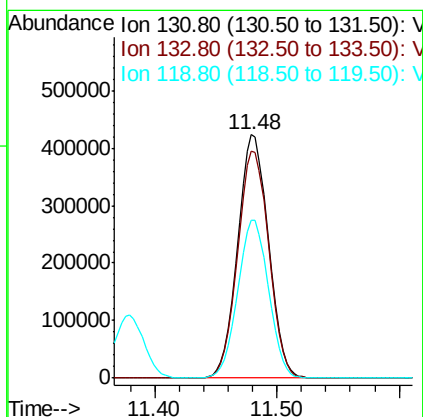
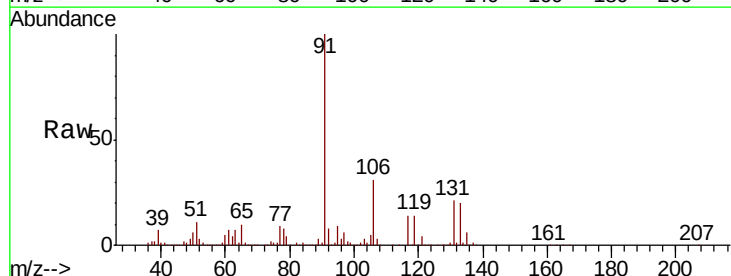
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

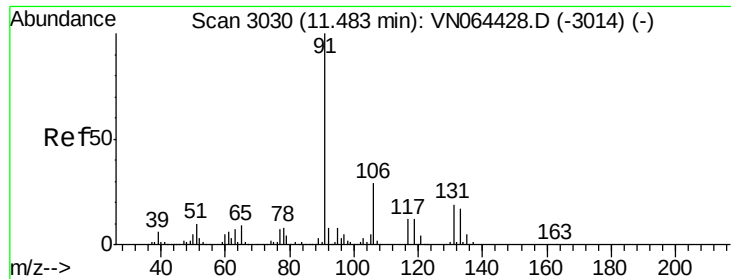
Tot Ion:112 Resp: 1933720
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 152.228 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:131 Resp: 735248
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.7
119 65.0 32.1 96.5

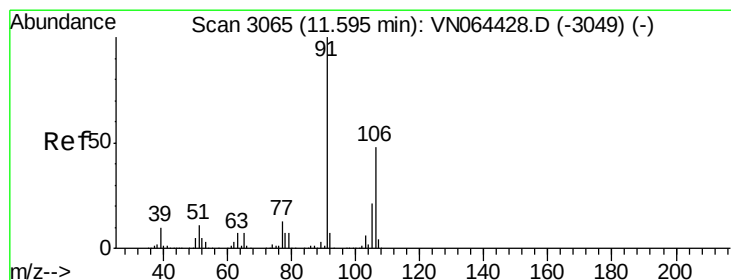
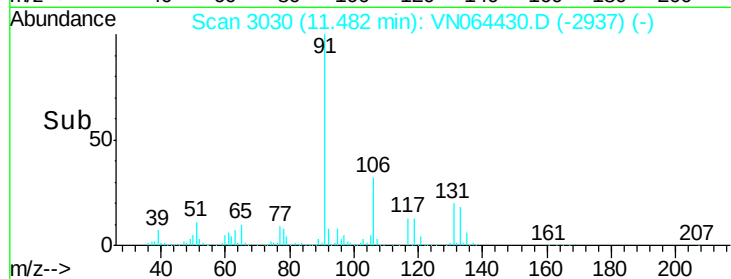
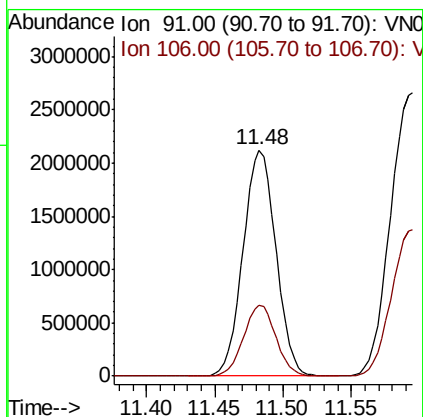
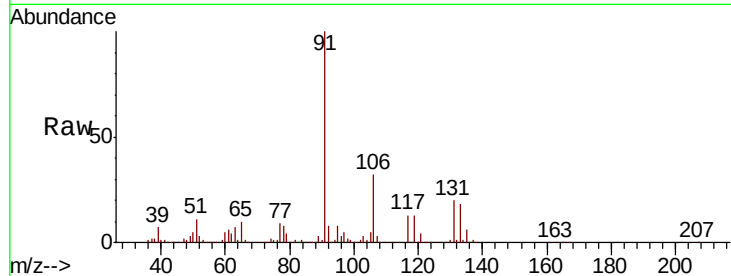




#67
Ethyl Benzene
Concen: 158.580 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

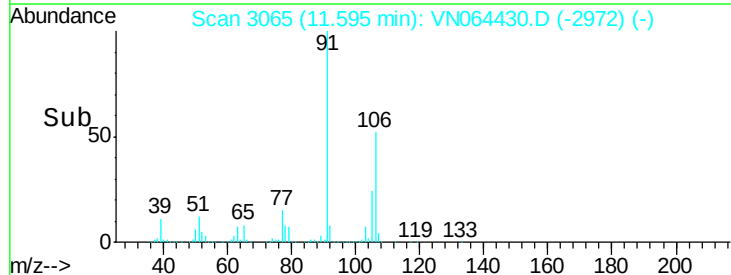
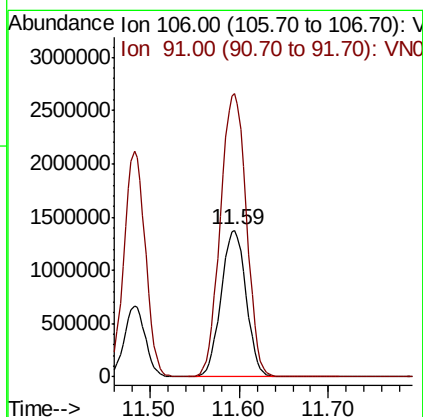
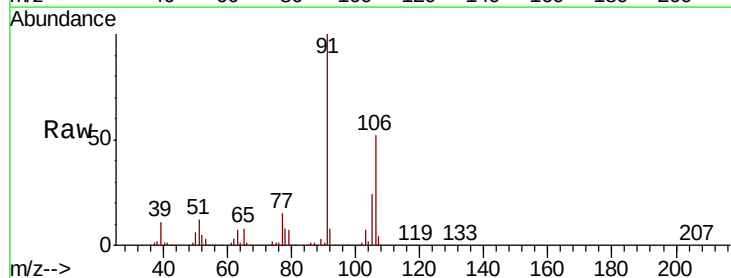
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

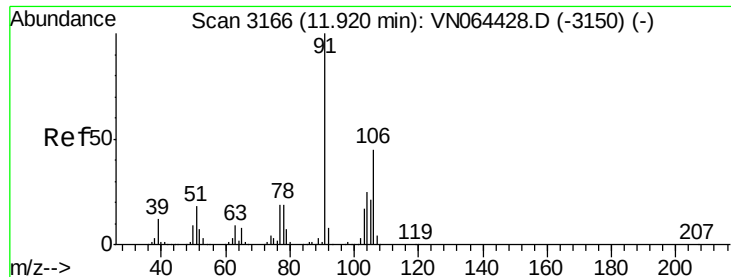
Tot Ion: 91 Resp: 3556361
Ion Ratio Lower Upper
91 100
106 31.5 23.6 35.4



#68
m/p-Xylenes
Concen: 321.820 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion: 106 Resp: 2670494
Ion Ratio Lower Upper
106 100
91 201.3 169.4 254.2

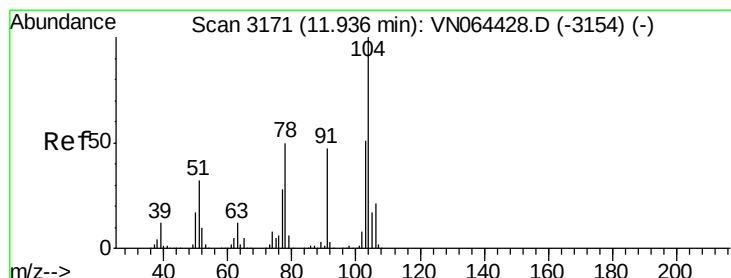
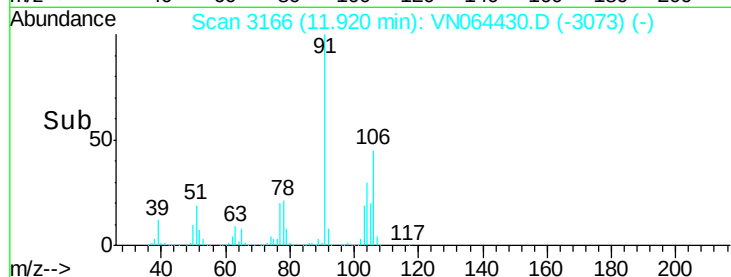
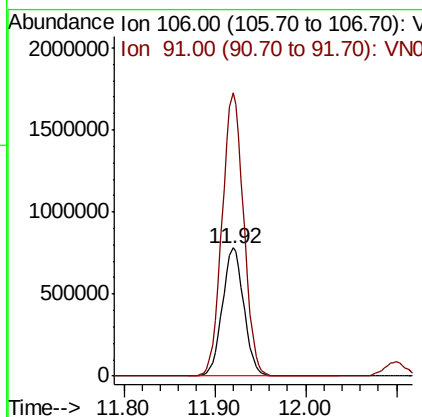
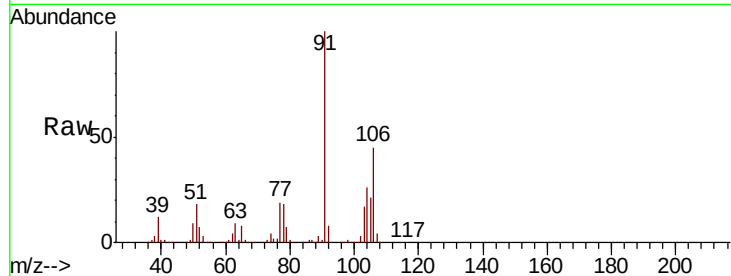




#69
o-Xylene
Concen: 159.850 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

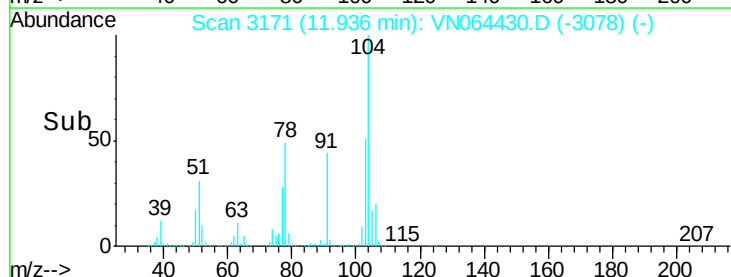
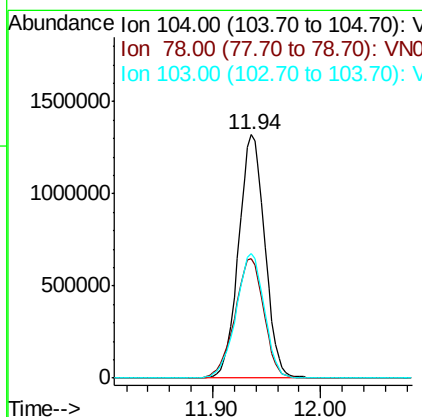
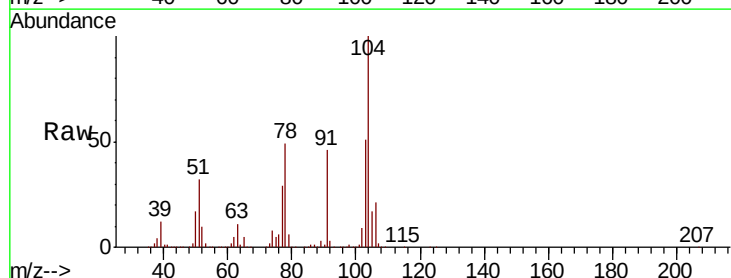
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

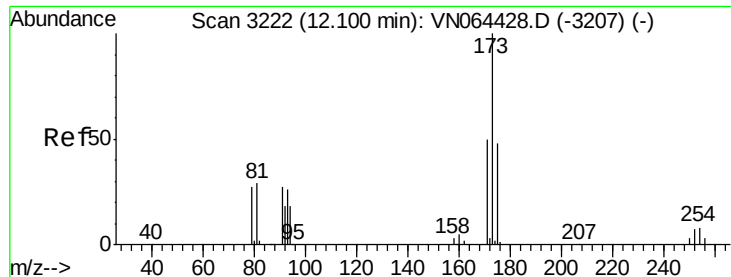
Tot Ion:106 Resp: 1279307
Ion Ratio Lower Upper
106 100
91 221.6 111.7 334.9



#70
Styrene
Concen: 170.717 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064430.D
Acq: 4 Nov 2020 11:48

Tgt Ion:104 Resp: 2239331
Ion Ratio Lower Upper
104 100
78 54.2 44.0 66.0
103 55.1 43.8 65.6





#71

Bromoform

Concen: 147.229 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

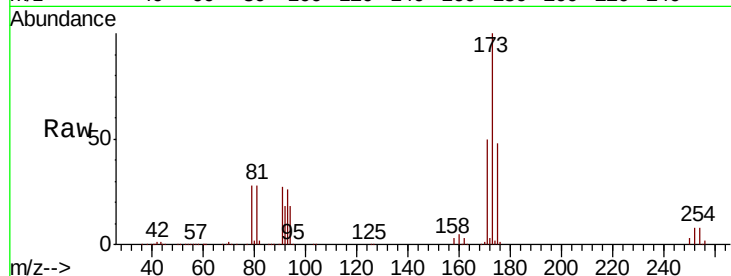
Tot Ion:173 Resp: 546743

Ion Ratio Lower Upper

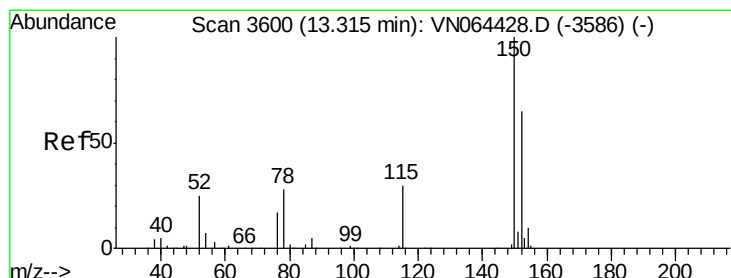
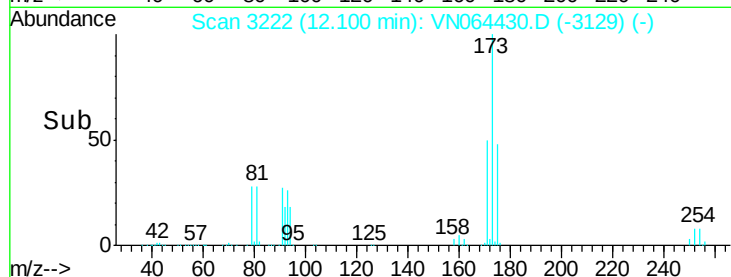
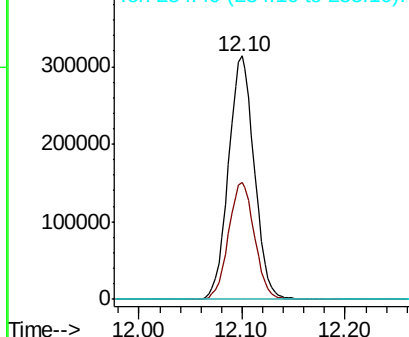
173 100

175 48.4 23.7 71.1

254 0.1 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: VN064430.D

Acq: 4 Nov 2020 11:48

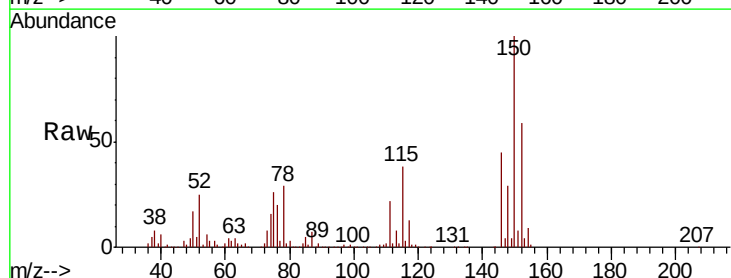
Tgt Ion:152 Resp: 280476

Ion Ratio Lower Upper

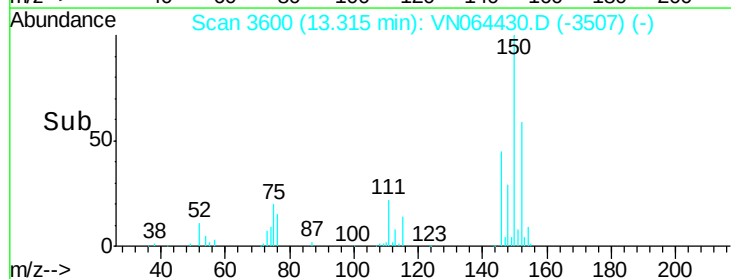
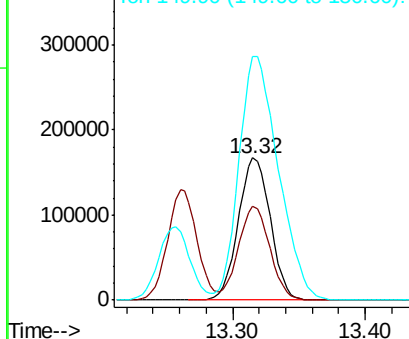
152 100

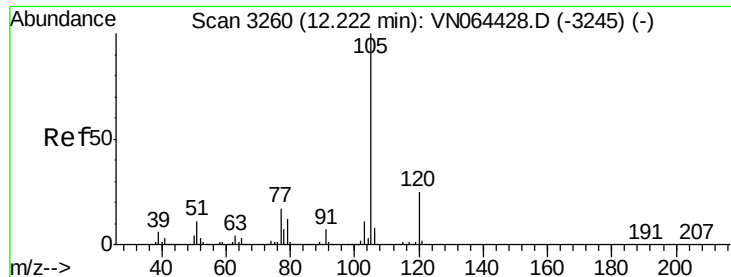
115 64.3 32.0 96.0

150 211.7 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: 153.574 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

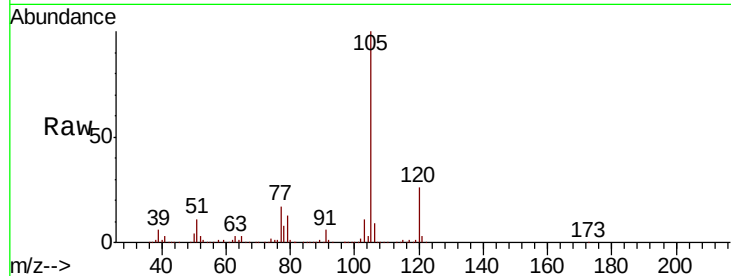
VSTDIC150

Tot Ion:105 Resp: 3296570

Ion Ratio Lower Upper

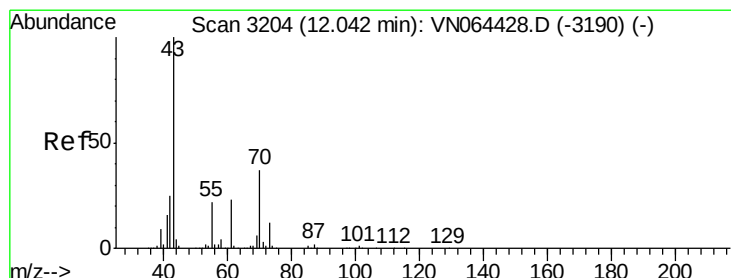
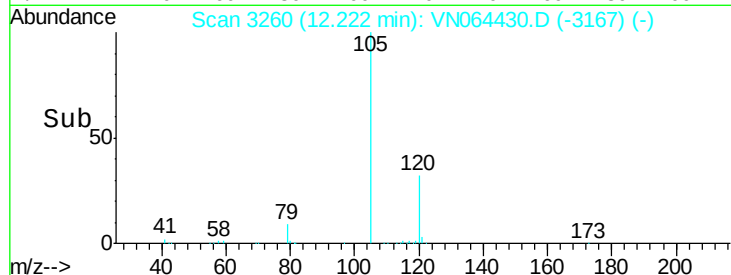
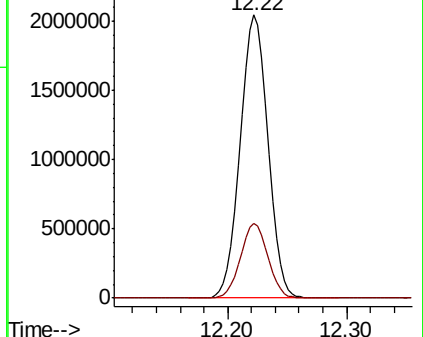
105 100

120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 175.611 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion: 43 Resp: 1654904

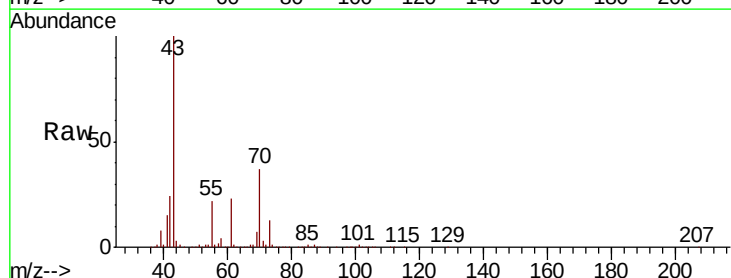
Ion Ratio Lower Upper

43 100

70 37.6 29.6 44.4

55 22.4 18.4 27.6

61 22.7 17.8 26.6

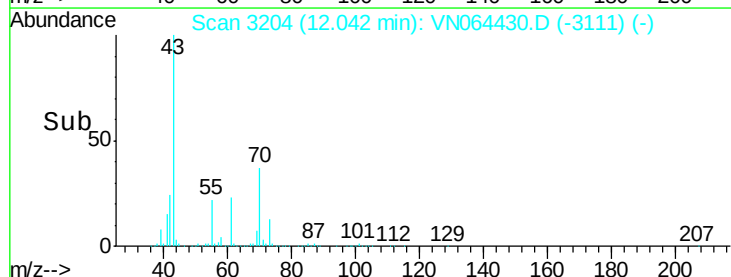
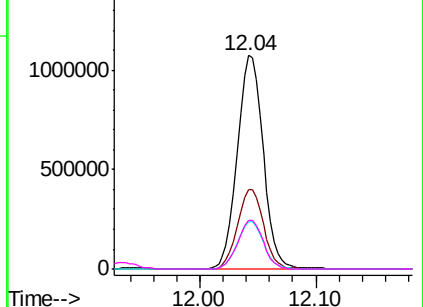


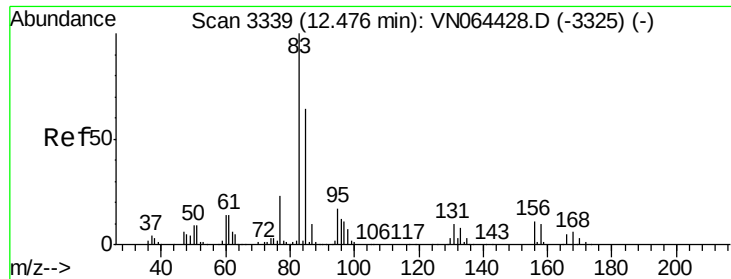
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 159.100 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

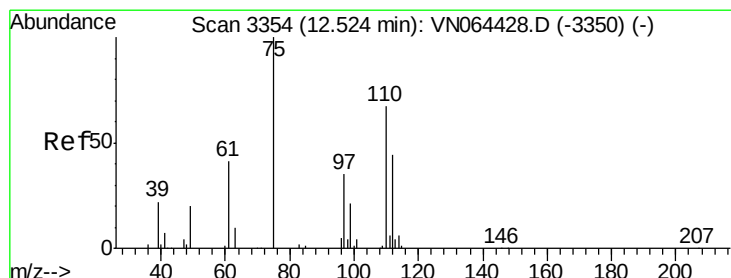
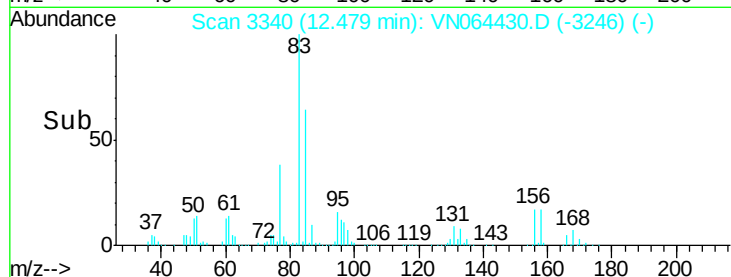
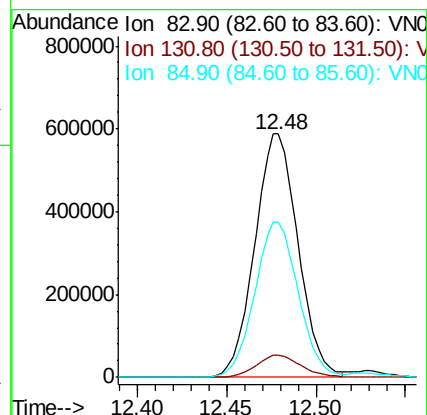
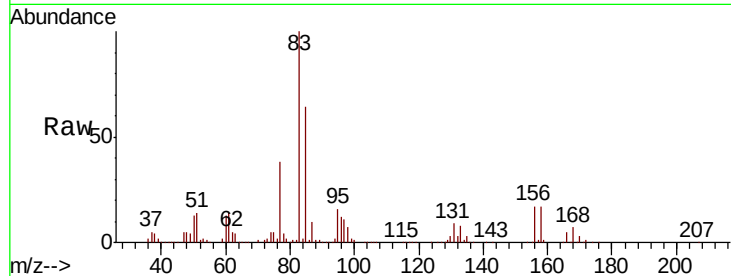
Tot Ion: 83 Resp: 997227

Ion Ratio Lower Upper

83 100

131 9.6 4.9 14.7

85 64.1 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 217.620 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064430.D

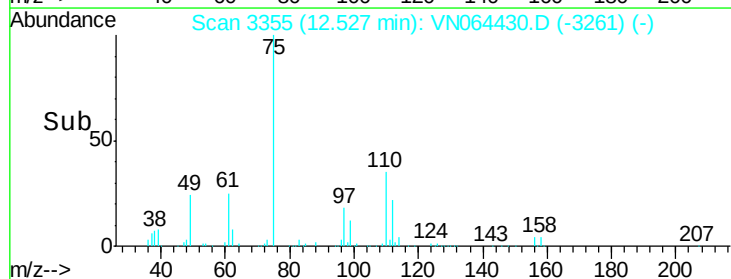
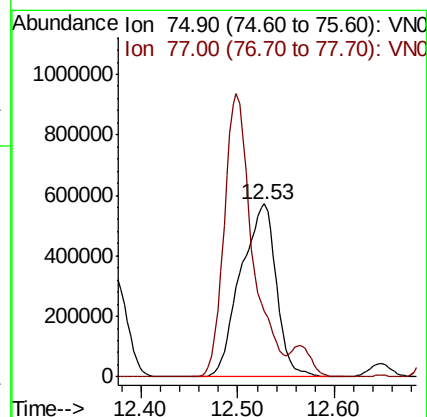
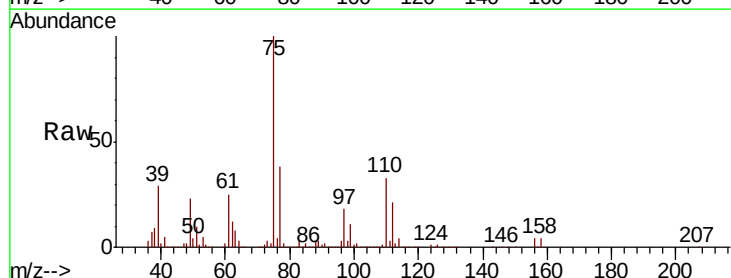
Acq: 4 Nov 2020 11:48

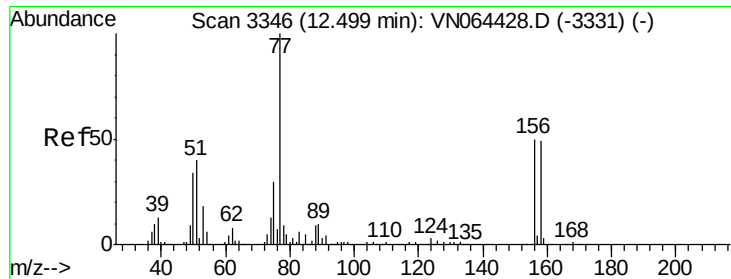
Tgt Ion: 75 Resp: 1463109

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 151.717 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

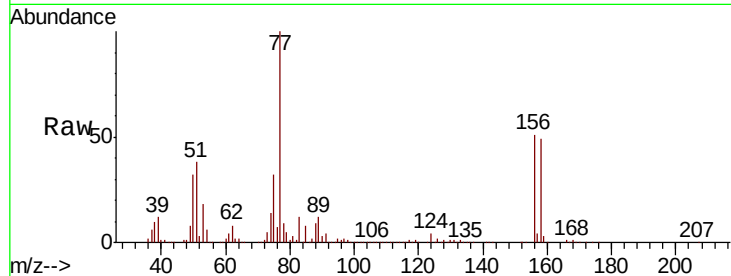
Tot Ion:156 Resp: 790455

Ion Ratio Lower Upper

156 100

77 241.6 119.0 357.0

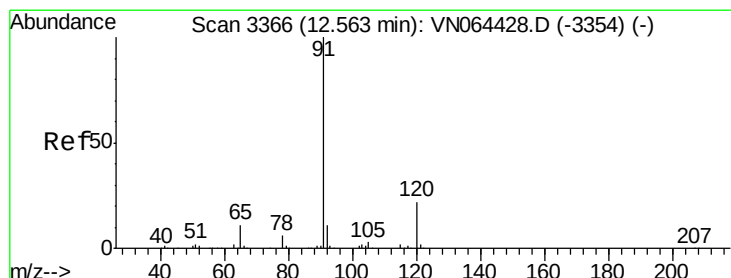
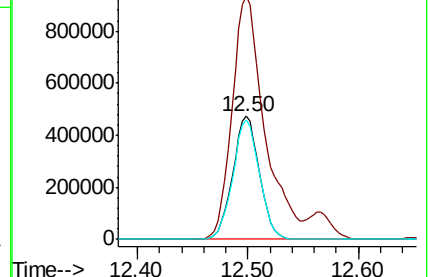
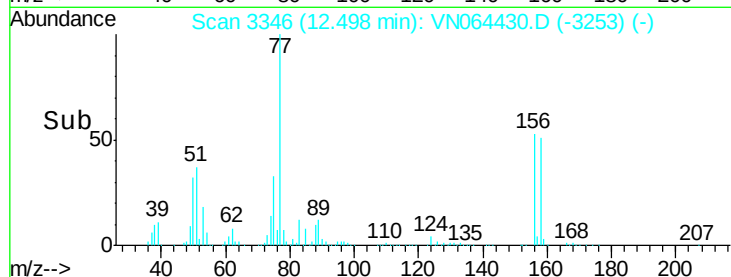
158 97.1 48.4 145.3



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: 157.063 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064430.D

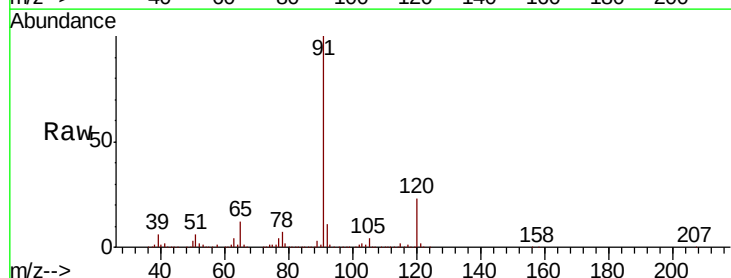
Acq: 4 Nov 2020 11:48

Tgt Ion: 91 Resp: 3816052

Ion Ratio Lower Upper

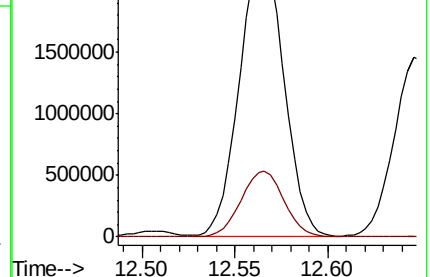
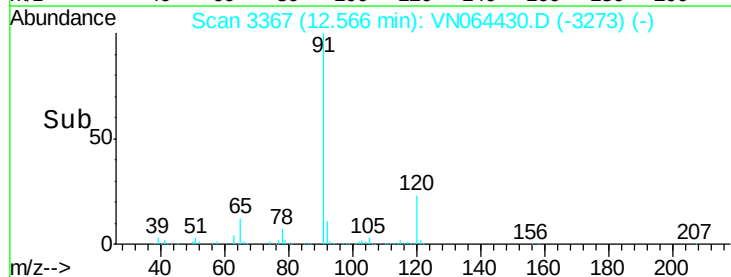
91 100

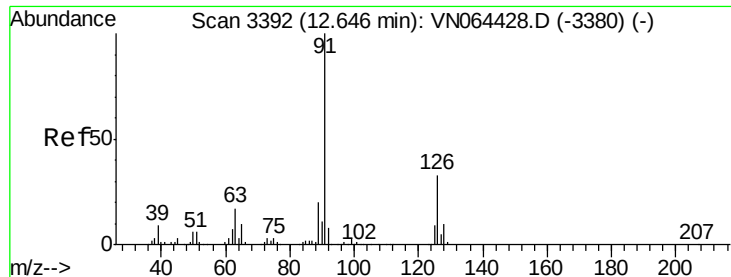
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

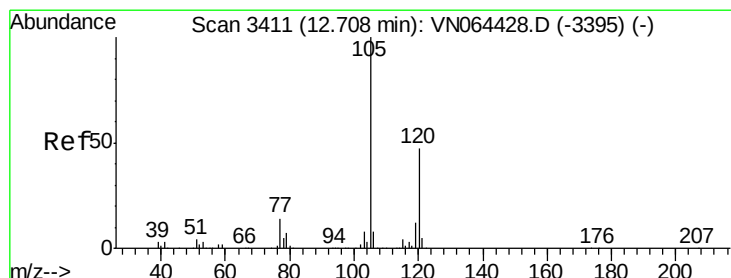
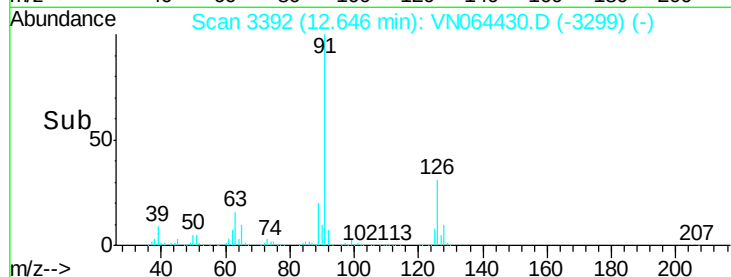
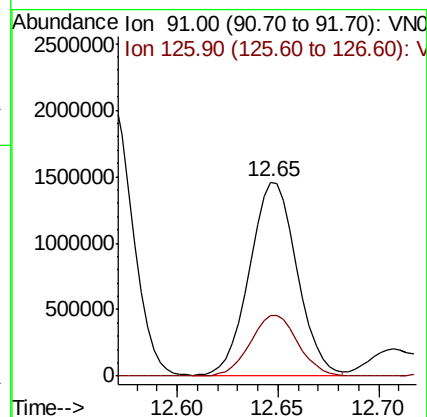
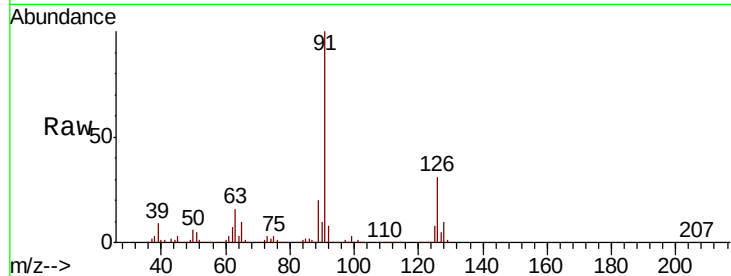




#79
 2-Chlorotoluene
 Concen: 155.666 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

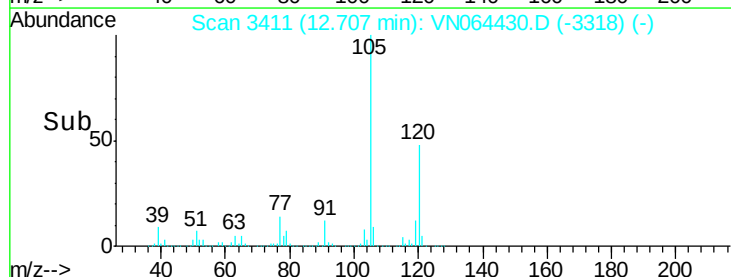
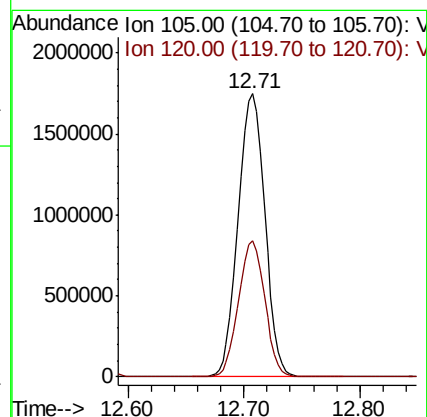
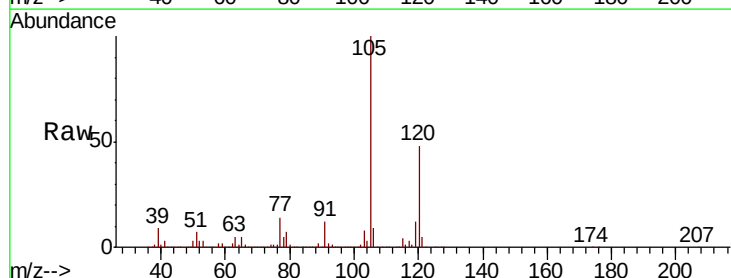
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

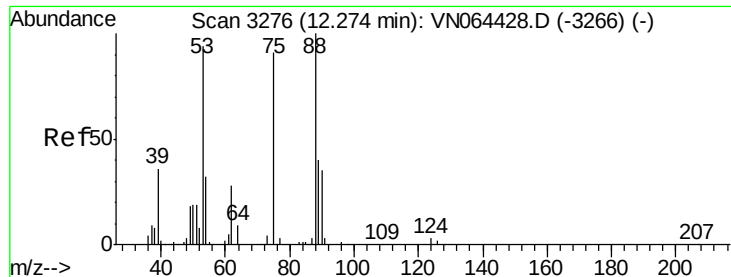
Tot Ion: 91 Resp: 2408692
 Ion Ratio Lower Upper
 91 100
 126 31.6 16.4 49.1



#80
 1,3,5-Trimethylbenzene
 Concen: 154.017 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 105 Resp: 2784217
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 166.989 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

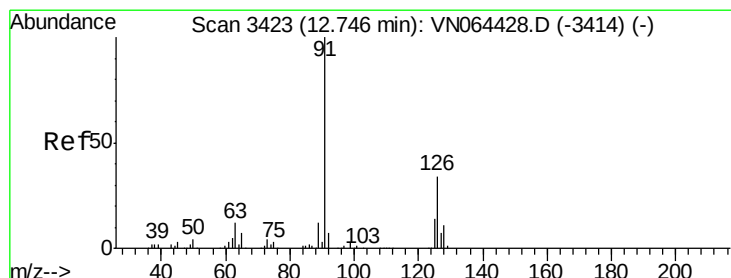
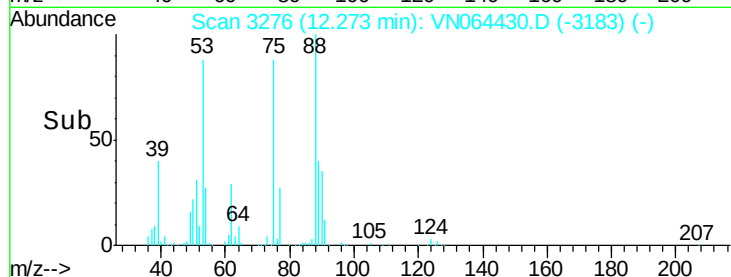
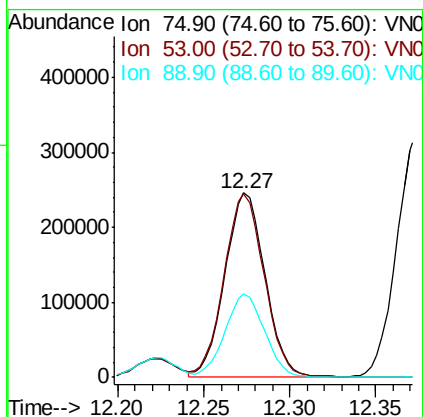
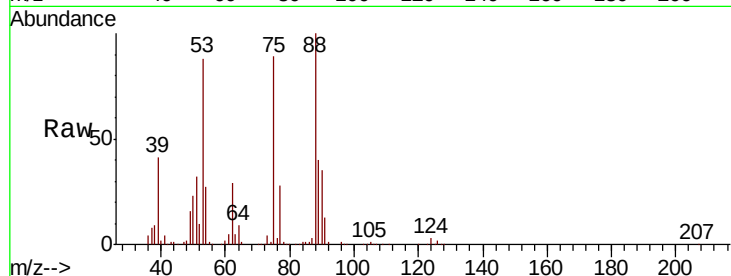
Tot Ion: 75 Resp: 394767

Ion Ratio Lower Upper

75 100

53 100.8 84.0 126.0

89 45.5 36.3 54.5



#82

4-Chlorotoluene

Concen: 161.755 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064430.D

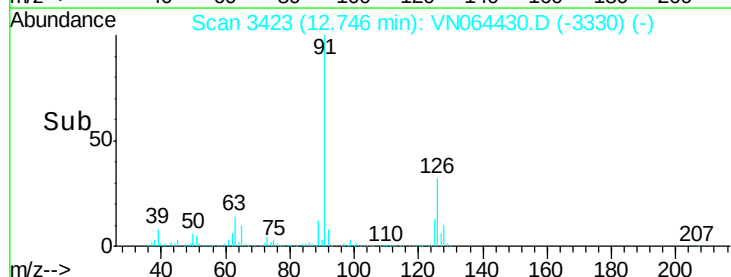
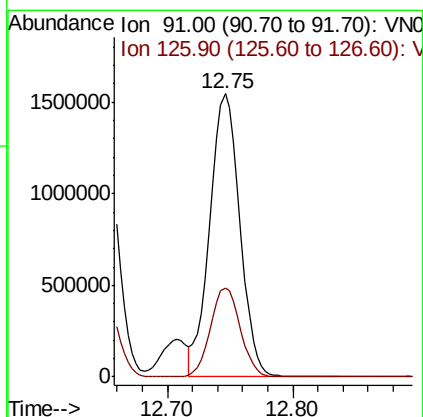
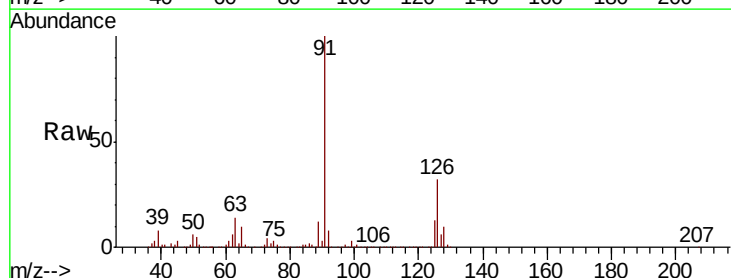
Acq: 4 Nov 2020 11:48

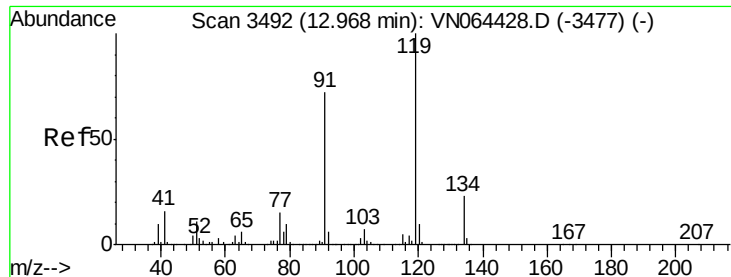
Tgt Ion: 91 Resp: 2565844

Ion Ratio Lower Upper

91 100

126 31.2 15.4 46.2

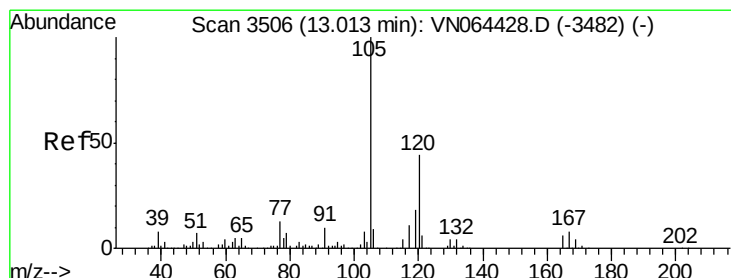
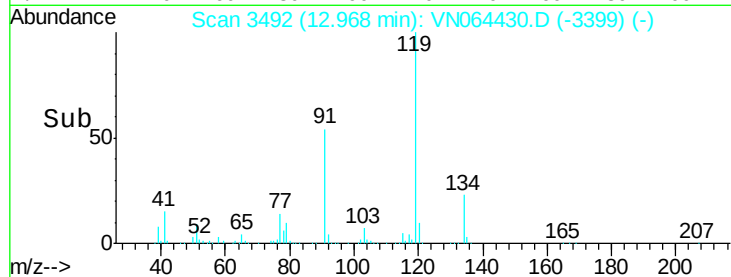
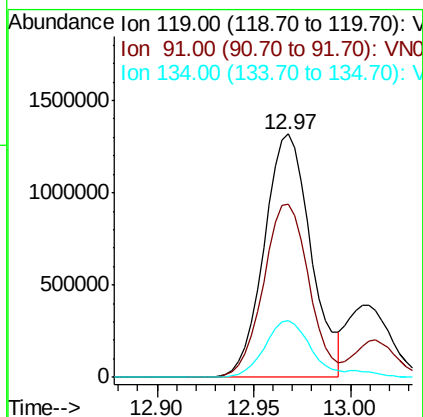
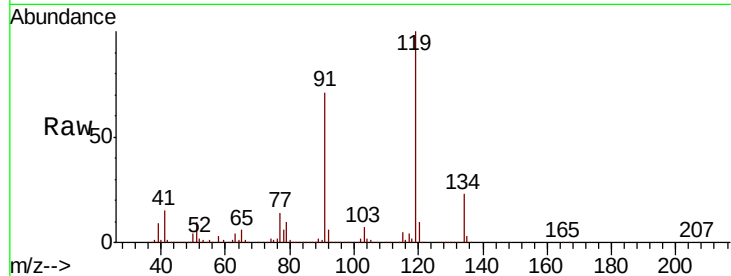




#83
 tert-Butylbenzene
 Concen: 150.346 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

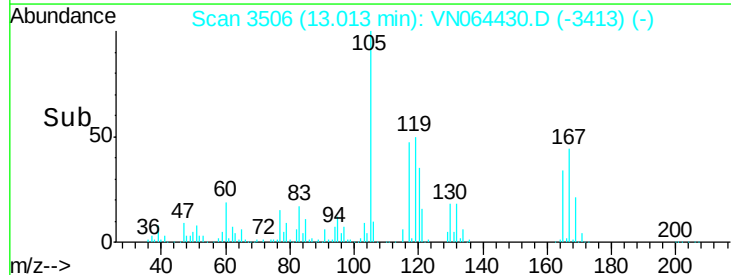
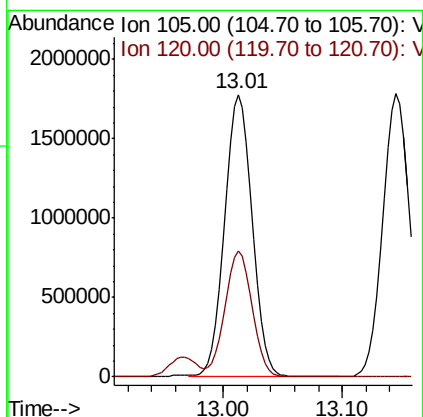
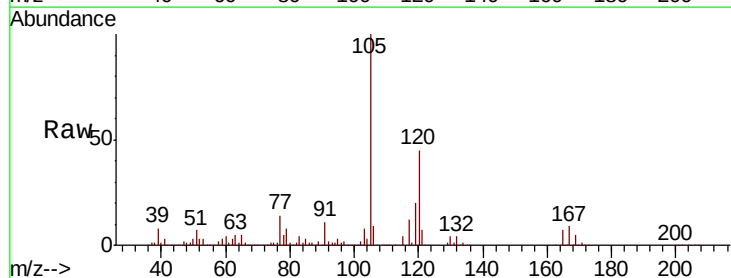
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

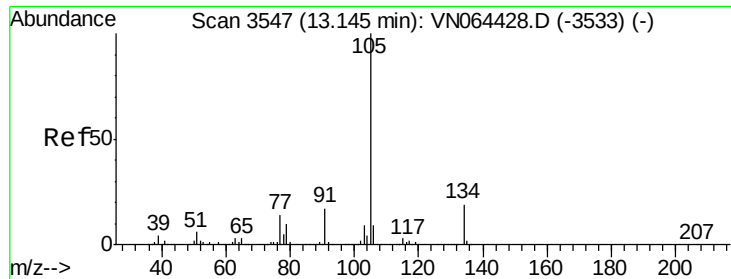
Tot Ion:119 Resp: 2209346
 Ion Ratio Lower Upper
 119 100
 91 69.2 36.1 108.3
 134 22.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 157.425 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion:105 Resp: 2847525
 Ion Ratio Lower Upper
 105 100
 120 44.2 21.9 65.7





#85

sec-Butylbenzene

Concen: 147.496 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

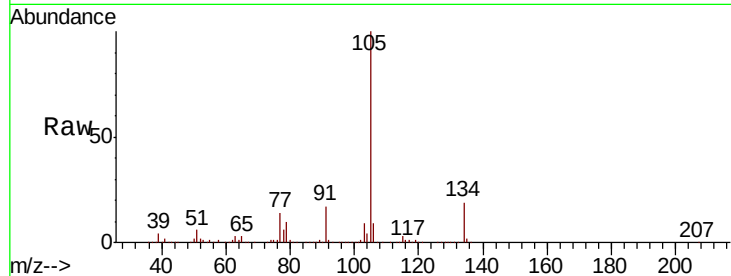
VSTDIC150

Tot Ion:105 Resp: 2814432

Ion Ratio Lower Upper

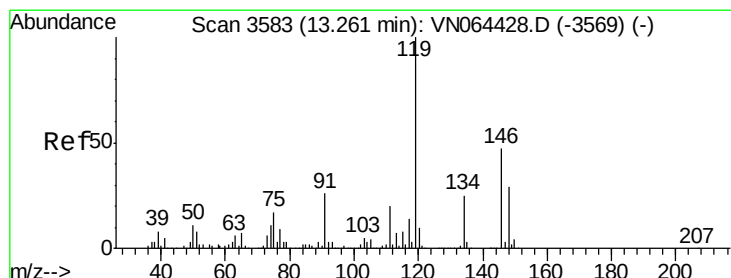
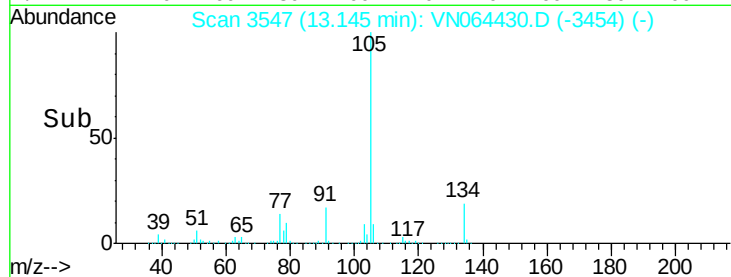
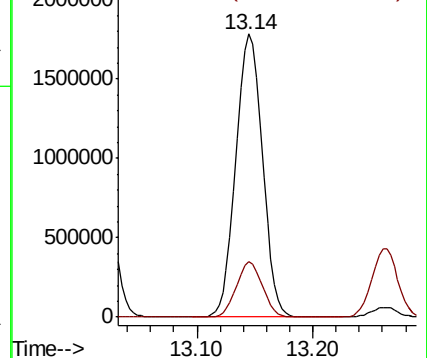
105 100

134 19.1 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 152.024 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

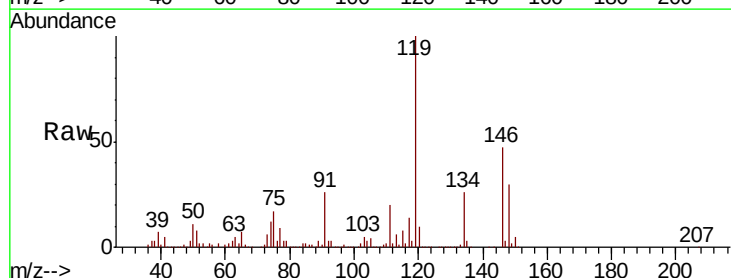
Tgt Ion:119 Resp: 2605799

Ion Ratio Lower Upper

119 100

134 25.6 12.6 37.6

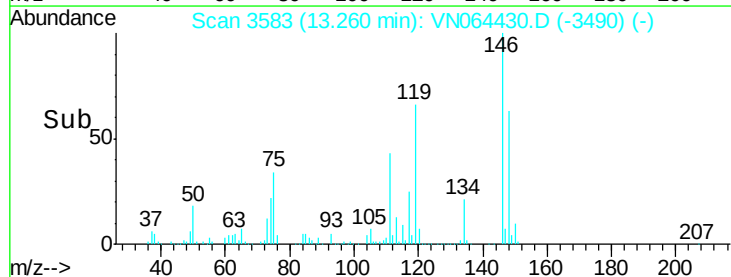
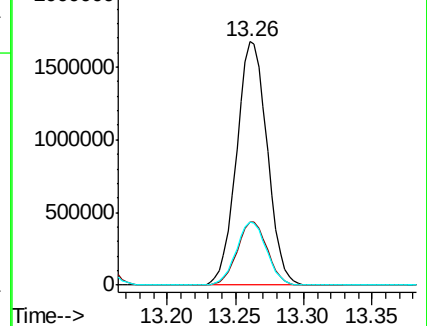
91 25.8 12.8 38.3

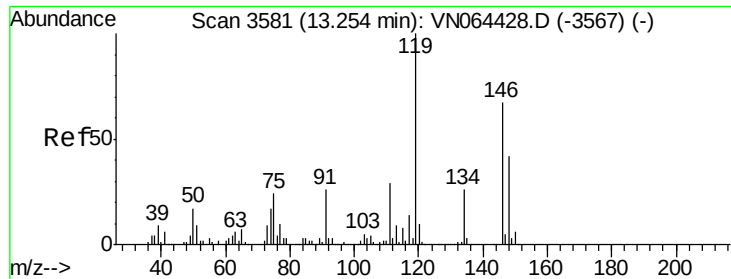


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

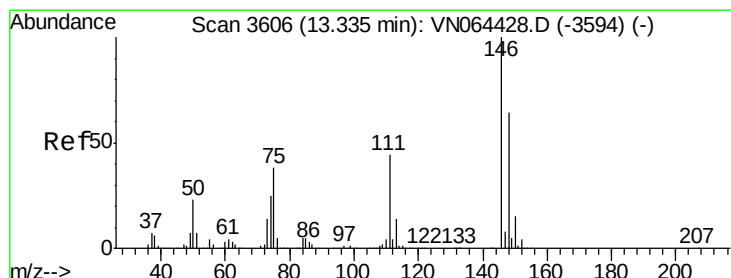
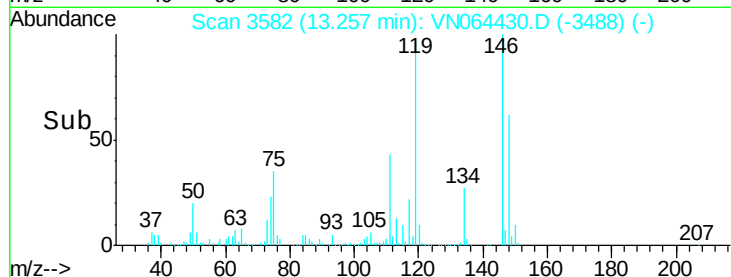
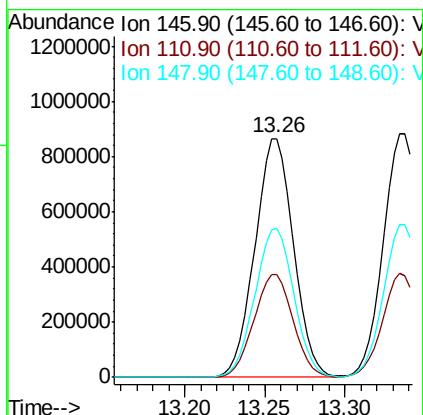
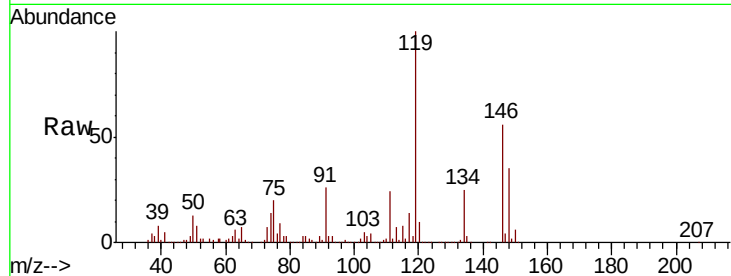




#87
 1,3-Dichlorobenzene
 Concen: 157.021 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

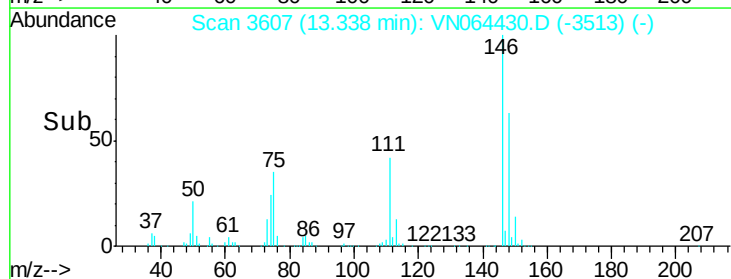
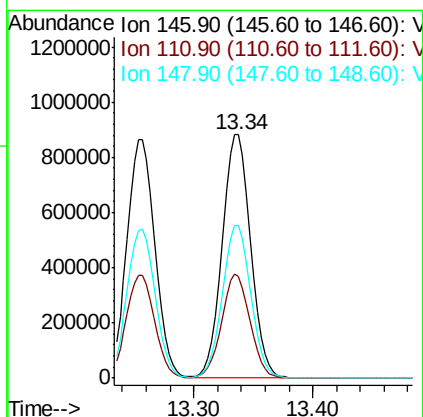
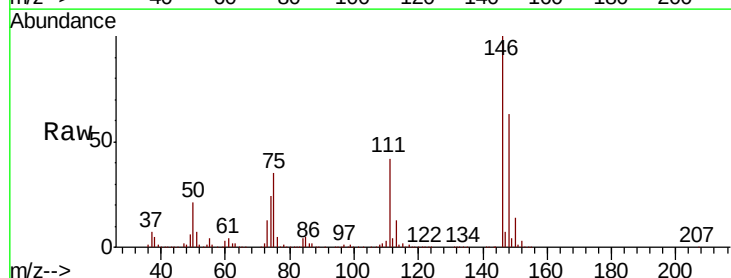
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

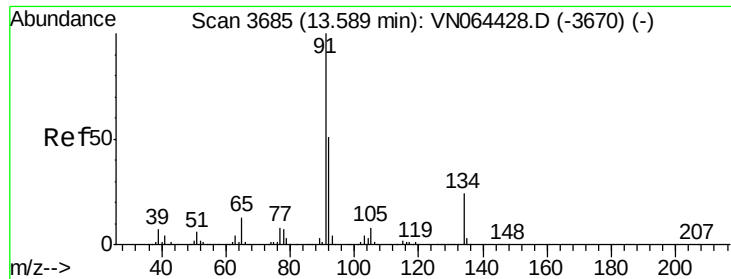
Tot Ion:146 Resp: 1437839
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.1 66.1
 148 62.9 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 156.325 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion:146 Resp: 1458083
 Ion Ratio Lower Upper
 146 100
 111 42.2 21.8 65.3
 148 62.9 32.4 97.2





#89

n-Butylbenzene

Concen: 152.978 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

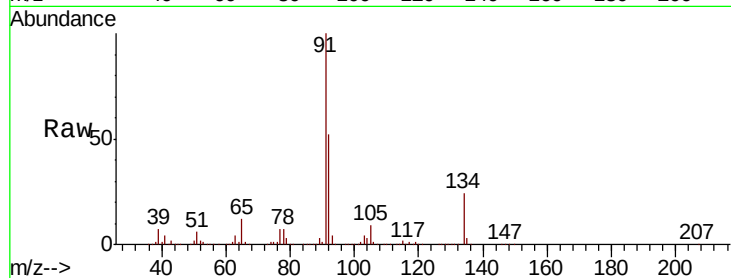
Tot Ion: 91 Resp: 2312747

Ion Ratio Lower Upper

91 100

92 52.1 25.3 75.9

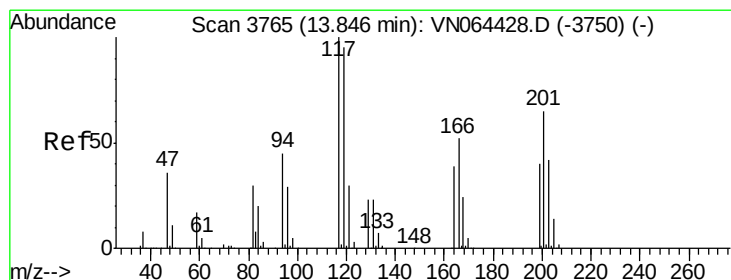
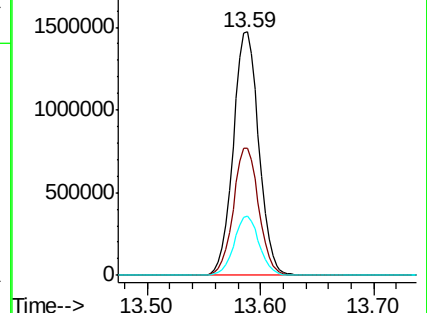
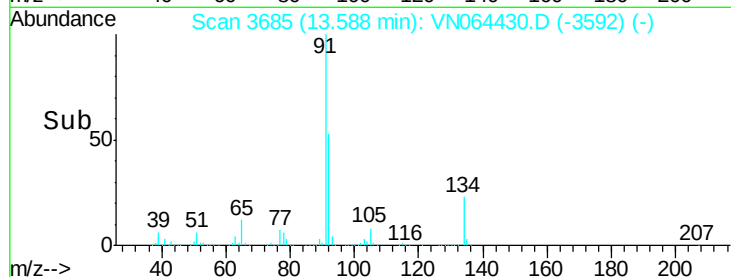
134 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064430.D (-3592) (-)

Ion 92.00 (91.70 to 92.70): VN064430.D (-3592) (-)

Ion 134.00 (133.70 to 134.70): VN064430.D (-3592) (-)



#90

Hexachloroethane

Concen: 149.140 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064430.D

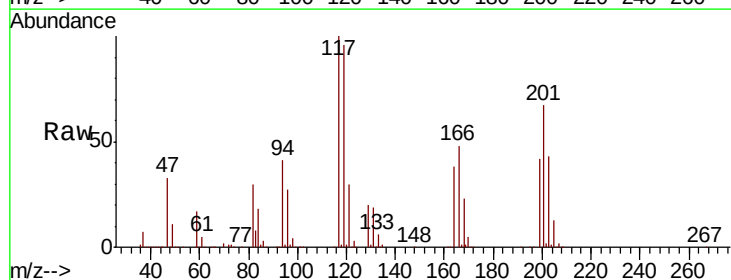
Acq: 4 Nov 2020 11:48

Tgt Ion: 117 Resp: 477201

Ion Ratio Lower Upper

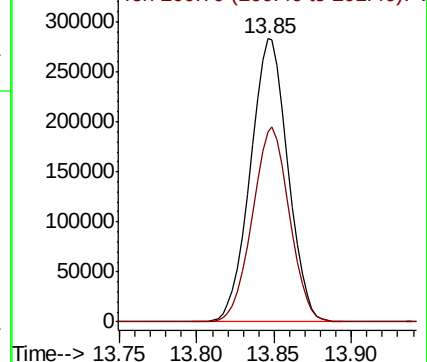
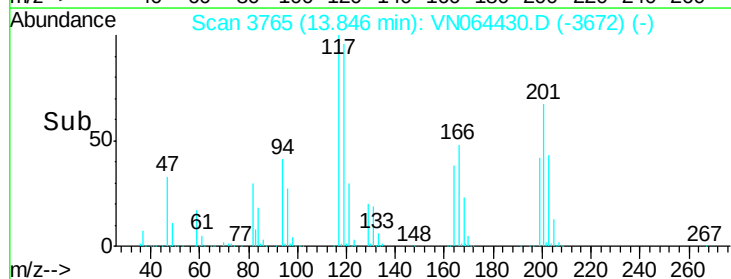
117 100

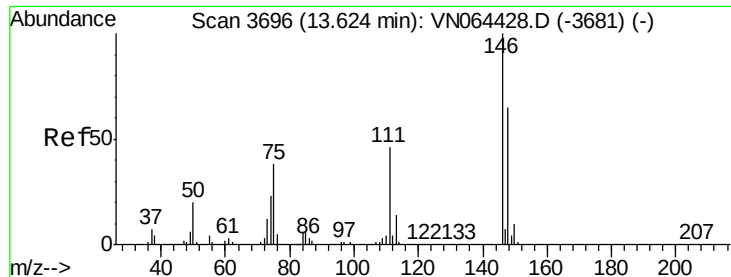
201 68.2 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064430.D (-3672) (-)

Ion 200.70 (200.40 to 201.40): VN064430.D (-3672) (-)

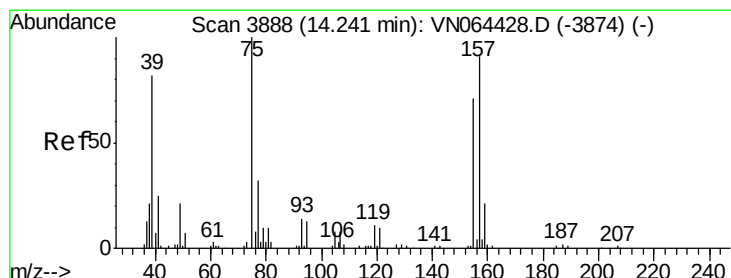
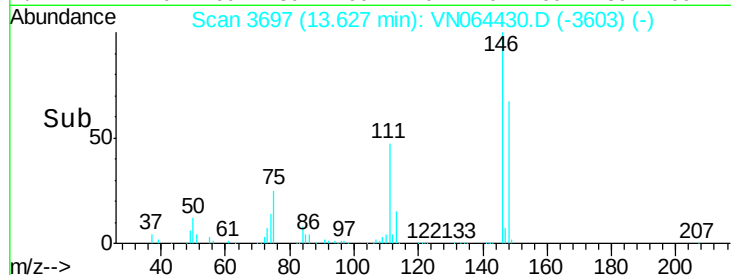
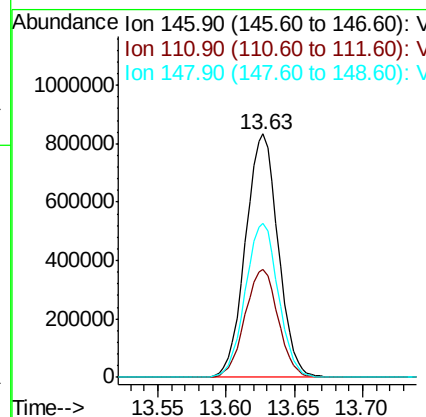
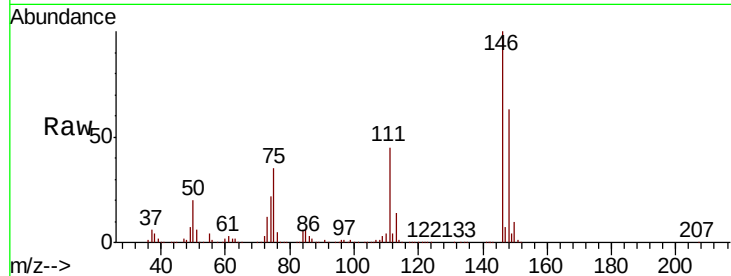




#91
 1,2-Dichlorobenzene
 Concen: 152.217 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

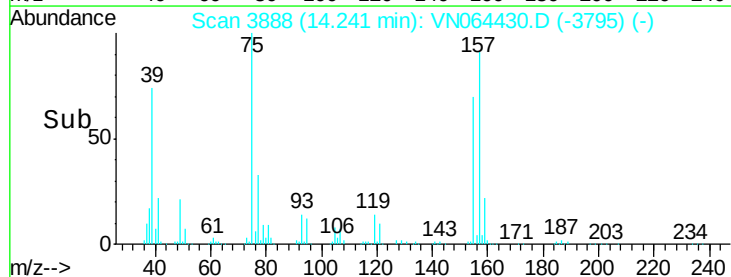
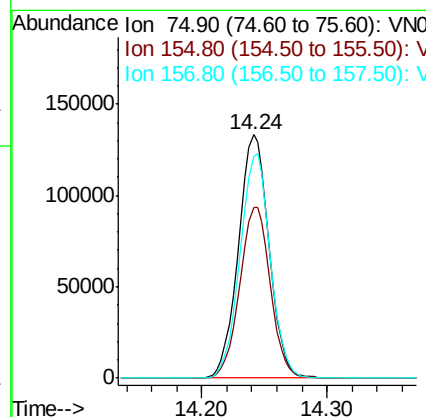
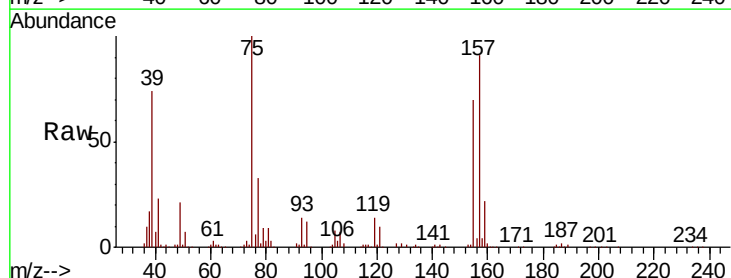
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

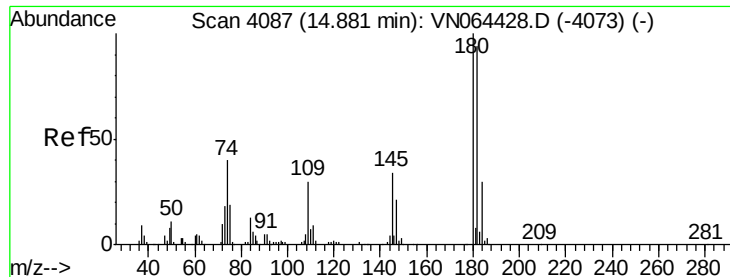
Tot Ion:146 Resp: 1386337
 Ion Ratio Lower Upper
 146 100
 111 45.3 22.9 68.7
 148 63.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 149.566 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion: 75 Resp: 224613
 Ion Ratio Lower Upper
 75 100
 155 70.9 34.6 103.9
 157 91.8 43.0 128.8

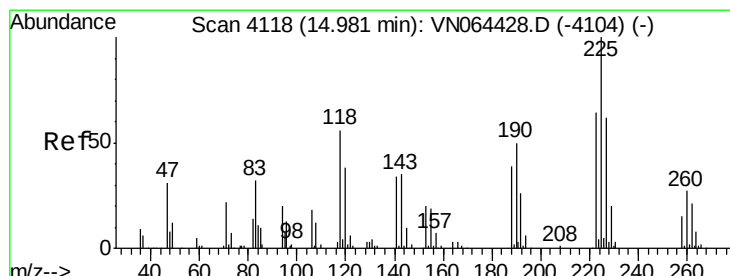
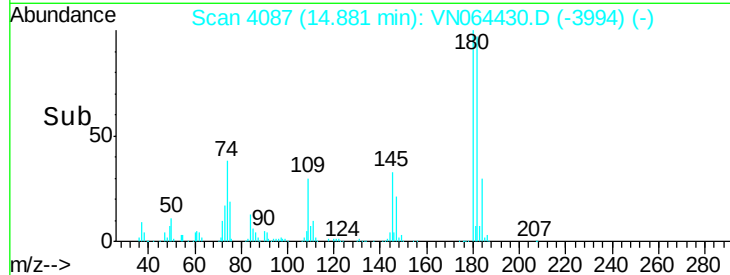
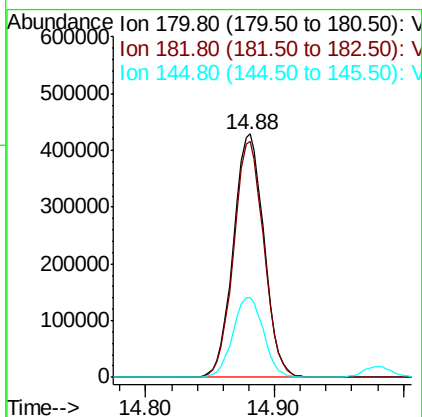
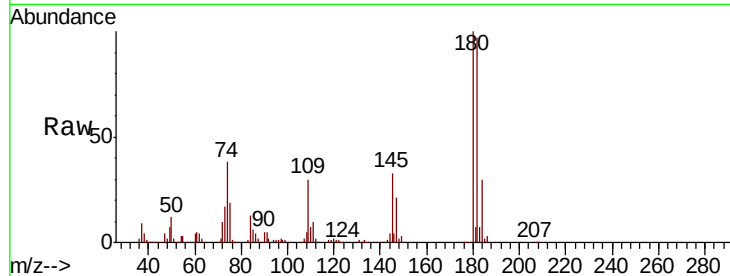




#93
 1,2,4-Trichlorobenzene
 Concen: 161.745 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

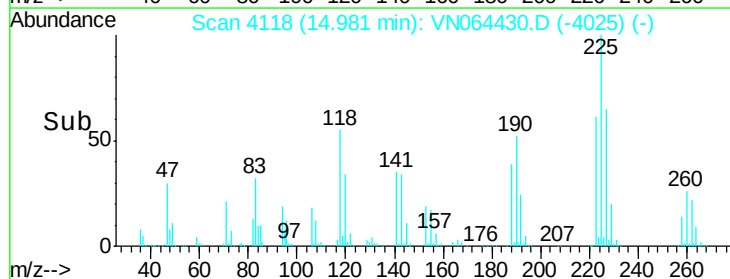
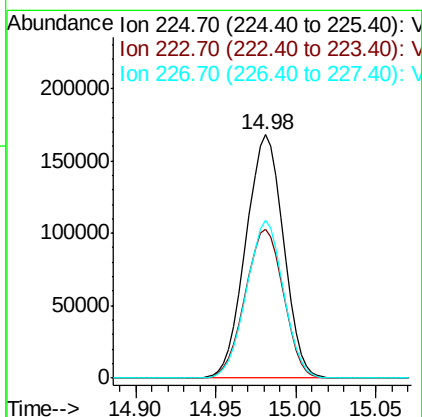
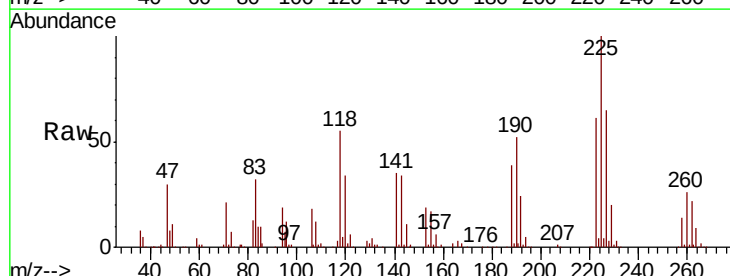
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC150

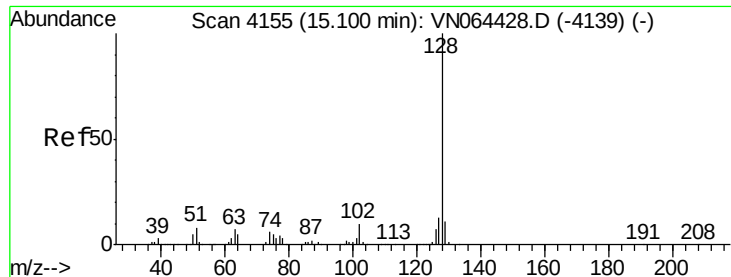
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	142.0
145	32.9	16.7	50.1



#94
 Hexachlorobutadiene
 Concen: 102.492 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064430.D
 Acq: 4 Nov 2020 11:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.8	95.4
227	63.6	31.8	95.4





#95

Naphthalene

Concen: 179.694 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Instrument :

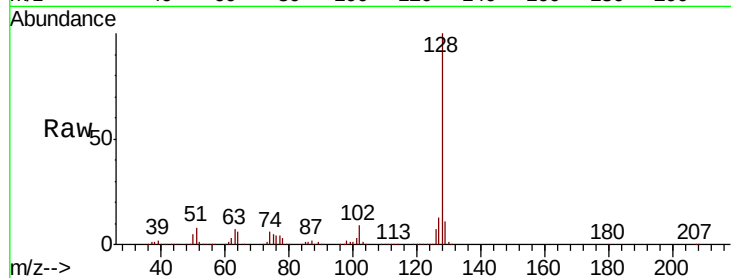
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:128 Resp: 2464417

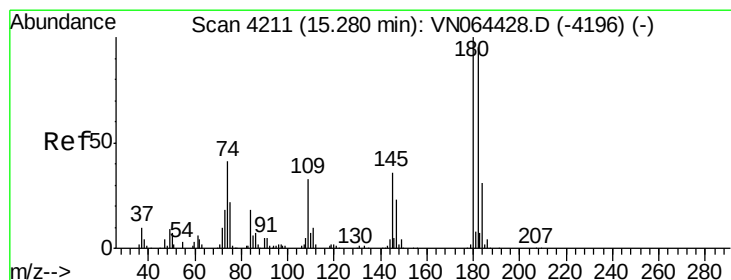
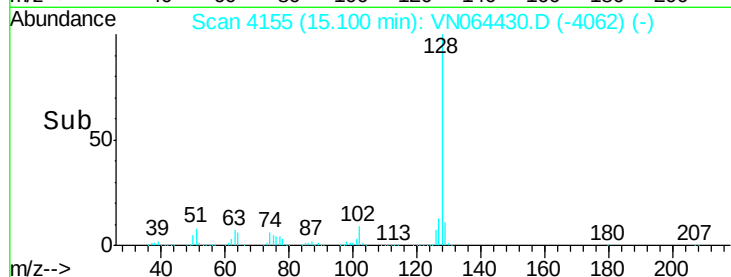
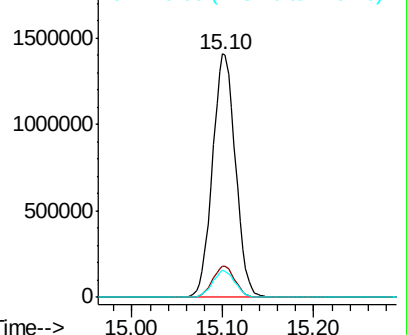
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.5	15.7
129	10.9	8.8	13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 162.767 ug/l

RT: 15.28 min Scan# 4211

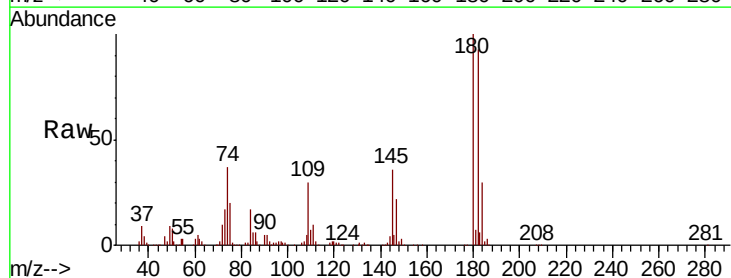
Delta R.T. -0.00 min

Lab File: VN064430.D

Acq: 4 Nov 2020 11:48

Tgt Ion:180 Resp: 688183

Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.7	143.1
145	35.5	18.3	54.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

