

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110420\
 Data File : VN064435.D
 Acq On : 4 Nov 2020 14:47
 Operator : JC/MD
 Sample : VN1104MBS01
 Misc : 5.00µl/10mL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 05 00:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	305689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	539840	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	504266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221972	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	261809	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
35) Dibromofluoromethane	7.55	113	175050	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
50) Toluene-d8	10.06	98	657676	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
62) 4-Bromofluorobenzene	12.38	95	249050	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	73335	18.429	ug/l	99
3) Chloromethane	2.04	50	88108	18.229	ug/l	99
4) Vinyl Chloride	2.17	62	90164	18.166	ug/l	94
5) Bromomethane	2.54	94	59899	18.891	ug/l	97
6) Chloroethane	2.68	64	56970	17.927	ug/l	97
7) Trichlorofluoromethane	2.99	101	132438	18.121	ug/l	95
8) Diethyl Ether	3.37	74	49429	19.151	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	61602	17.749	ug/l	100
10) Methyl Iodide	3.91	142	69295	17.183	ug/l	97
11) Tert butyl alcohol	4.75	59	63331	107.853	ug/l	100
12) 1,1-Dichloroethene	3.69	96	58895	18.015	ug/l	97
13) Acrolein	3.56	56	35659	97.902	ug/l	93
14) Allyl chloride	4.27	41	115292	18.027	ug/l	98
15) Acrylonitrile	4.94	53	167213	102.282	ug/l	100
16) Acetone	3.78	43	173641	85.611	ug/l	98
17) Carbon Disulfide	4.00	76	172828	17.678	ug/l	98
18) Methyl Acetate	4.28	43	74344	18.644	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	218800	18.595	ug/l	97
20) Methylene Chloride	4.50	84	72912	18.118	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	68145	18.358	ug/l	98
22) Diisopropyl ether	5.91	45	248782	18.326	ug/l	99
23) Vinyl Acetate	5.85	43	1054744	95.506	ug/l	99
24) 1,1-Dichloroethane	5.80	63	136307	18.272	ug/l	98
25) 2-Butanone	6.79	43	248951	96.333	ug/l	99
26) 2,2-Dichloropropane	6.77	77	117146	17.347	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	77151	17.937	ug/l	98
28) Bromochloromethane	7.15	49	70615	19.258	ug/l	99
29) Tetrahydrofuran	7.17	42	157088	99.077	ug/l	100
30) Chloroform	7.33	83	143487	18.298	ug/l	99
31) Cyclohexane	7.61	56	113625	17.555	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	122311	17.586	ug/l	99
36) 1,1-Dichloropropene	7.75	75	100173	17.565	ug/l	99
37) Ethyl Acetate	6.89	43	100630	17.883	ug/l	99
38) Carbon Tetrachloride	7.73	117	103332	16.953	ug/l	99

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	89365	17.480	ug/l	99
40) Benzene	8.00	78	300337	17.922	ug/l	99
41) Methacrylonitrile	7.12	41	50463	19.958	ug/l	87
42) 1,2-Dichloroethane	8.09	62	127289	18.821	ug/l	99
43) Isopropyl Acetate	8.13	43	175211	18.958	ug/l	98
44) Trichloroethene	8.80	130	75337	17.818	ug/l	98
45) 1,2-Dichloropropane	9.08	63	79957	17.881	ug/l	94
46) Dibromomethane	9.17	93	56631	19.239	ug/l	97
47) Bromodichloromethane	9.37	83	114138	18.033	ug/l	99
48) Methyl methacrylate	9.17	41	87754	18.817	ug/l	99
49) 1,4-Dioxane	9.17	88	25765	419.441	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	531513	98.614	ug/l	99
52) Toluene	10.12	92	186839	18.280	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	122102	18.197	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	125910	17.550	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	75745	19.002	ug/l	98
56) Ethyl methacrylate	10.40	69	106226	17.441	ug/l	96
57) 1,3-Dichloropropane	10.68	76	130957	18.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	281292	104.486	ug/l	100
59) 2-Hexanone	10.72	43	377654	88.570	ug/l	100
60) Dibromochloromethane	10.87	129	81698	18.306	ug/l	98
61) 1,2-Dibromoethane	10.98	107	77307	19.120	ug/l	98
64) Tetrachloroethene	10.60	164	68547	17.647	ug/l	97
65) Chlorobenzene	11.41	112	191205	17.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	73922	17.925	ug/l	98
67) Ethyl Benzene	11.48	91	349629	17.781	ug/l	98
68) m/p-Xylenes	11.60	106	251628	35.286	ug/l	97
69) o-Xylene	11.92	106	121791	17.674	ug/l	99
70) Styrene	11.94	104	205043	17.683	ug/l	99
71) Bromoform	12.10	173	51192	17.385	ug/l #	98
73) Isopropylbenzene	12.22	105	313490	17.768	ug/l	99
74) N-amyl acetate	12.05	43	146497	17.919	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	104025	19.196	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	142532	26.502	ug/l #	100
77) Bromobenzene	12.50	156	75710	17.577	ug/l	95
78) n-propylbenzene	12.57	91	362286	18.011	ug/l	100
79) 2-Chlorotoluene	12.65	91	229326	17.976	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	262808	18.056	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	32717	16.985	ug/l	92
82) 4-Chlorotoluene	12.75	91	242536	18.153	ug/l	100
83) tert-Butylbenzene	12.97	119	207107	18.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	266133	18.189	ug/l	100
85) sec-Butylbenzene	13.14	105	266407	18.505	ug/l	99
86) p-Isopropyltoluene	13.26	119	238235	18.397	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	135701	18.225	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	135313	17.585	ug/l	97
89) n-Butylbenzene	13.59	91	200925	18.046	ug/l	99
90) Hexachloroethane	13.85	117	43504	17.415	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	133190	18.596	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	21290	19.733	ug/l	97

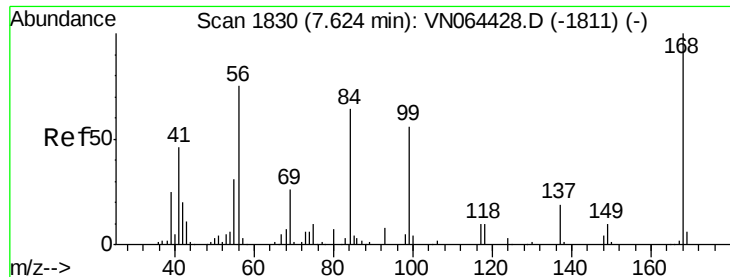
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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	53964	17.007	ug/l	97
94) Hexachlorobutadiene	14.98	225	28485	19.534	ug/l	98
95) Naphthalene	15.10	128	178475	17.221	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	54478	17.707	ug/l	97

(#) = 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: VN064435.D

Acq: 4 Nov 2020 14:47

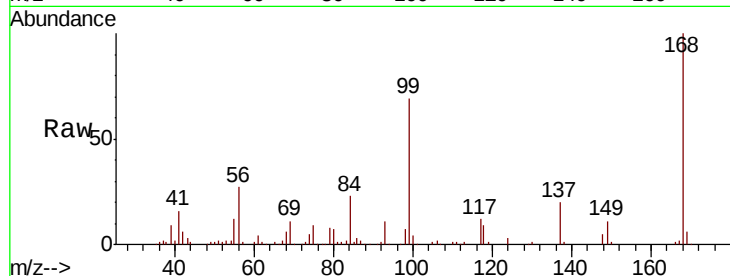
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:168 Resp: 305689

Ion Ratio Lower Upper

168 100

99 68.4 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

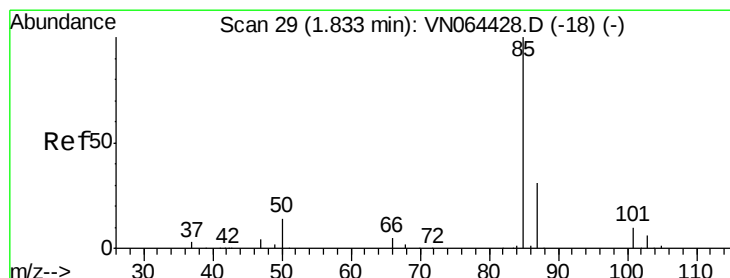
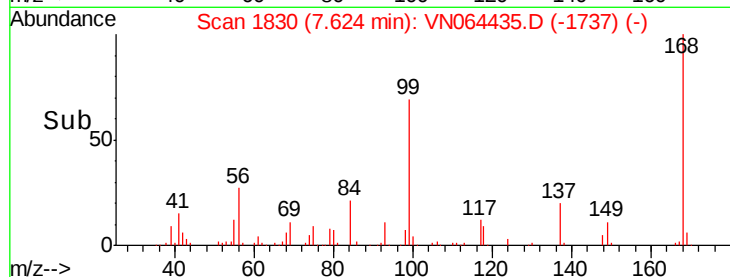
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.429 ug/l

RT: 1.84 min Scan# 30

Delta R.T. 0.00 min

Lab File: VN064435.D

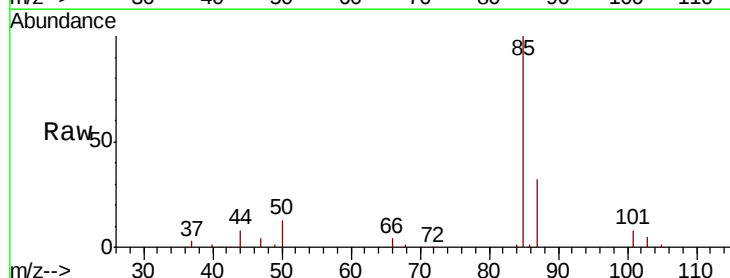
Acq: 4 Nov 2020 14:47

Tgt Ion: 85 Resp: 73335

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.84

60000

50000

40000

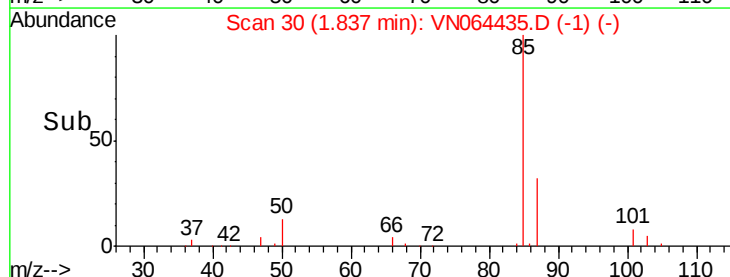
30000

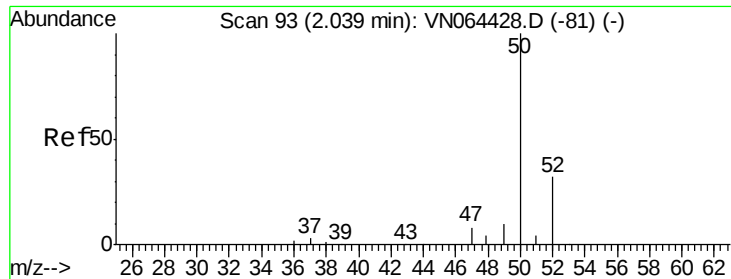
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 18.229 ug/l

RT: 2.04 min Scan# 93

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

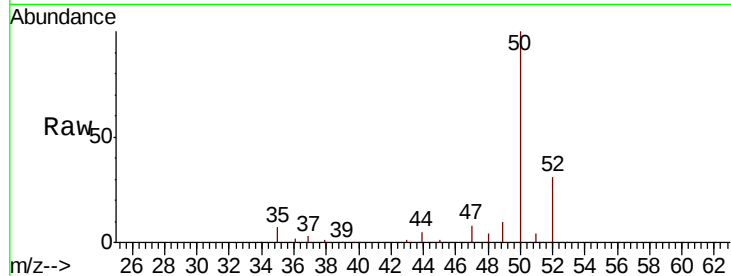
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 50 Resp: 88108

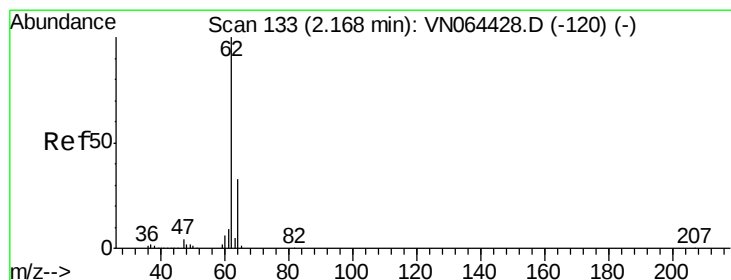
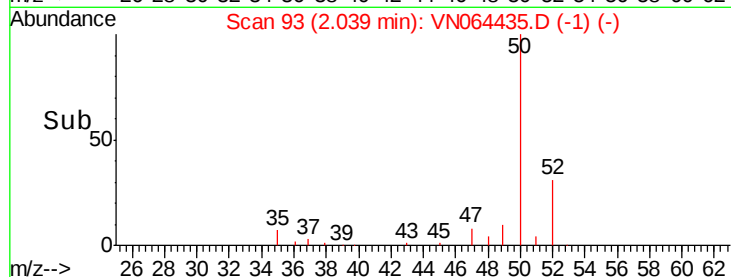
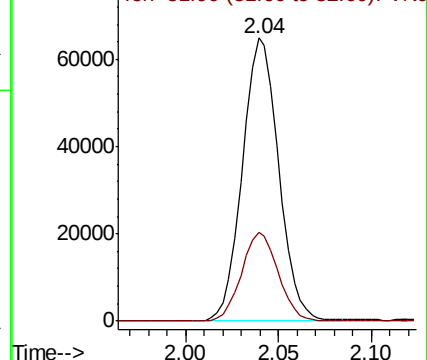
Ion Ratio Lower Upper

50 100

52 31.2 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 18.166 ug/l

RT: 2.17 min Scan# 133

Delta R.T. -0.00 min

Lab File: VN064435.D

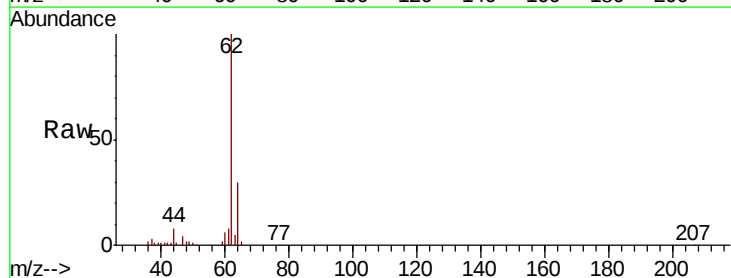
Acq: 4 Nov 2020 14:47

Tgt Ion: 62 Resp: 90164

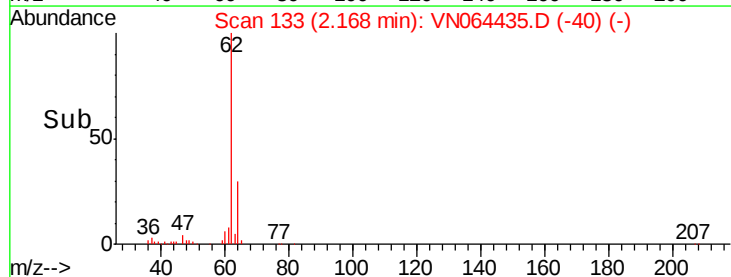
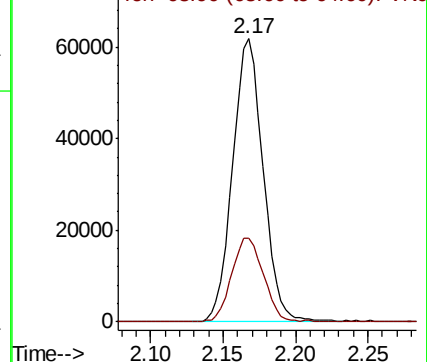
Ion Ratio Lower Upper

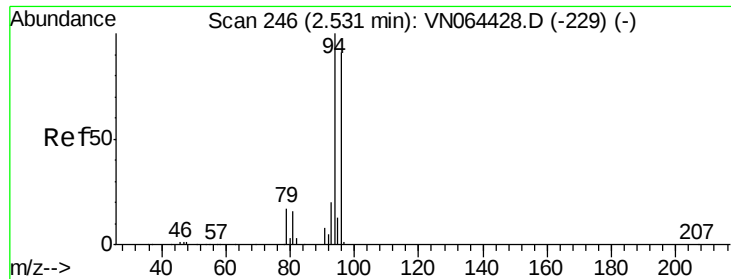
62 100

64 29.7 26.3 39.5



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 18.891 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

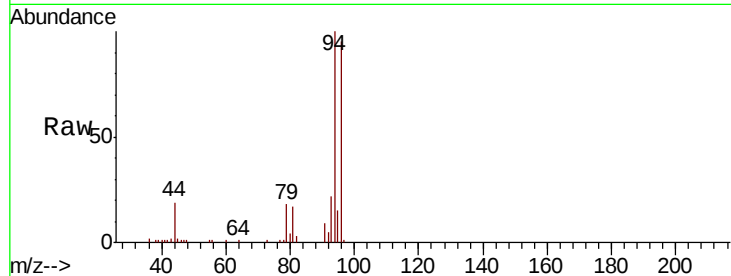
ClientSampleId :

Tot Ion: 94 Resp: 59899

Ion Ratio Lower Upper

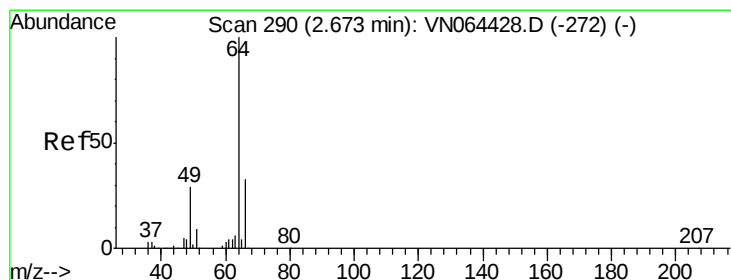
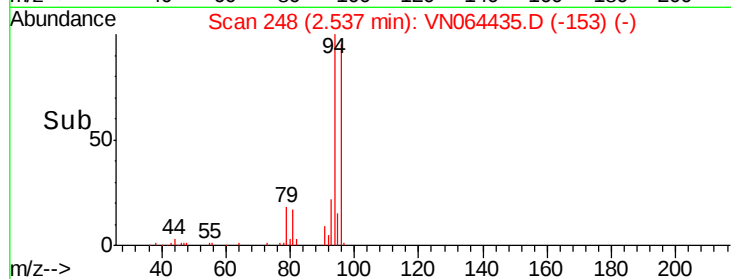
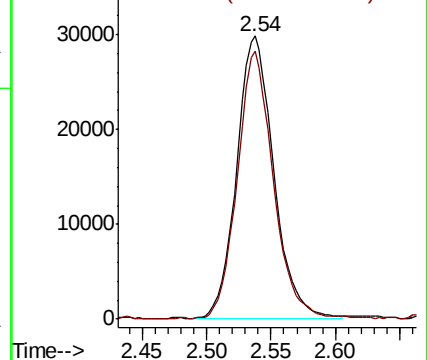
94 100

96 94.7 73.1 109.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 17.927 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN064435.D

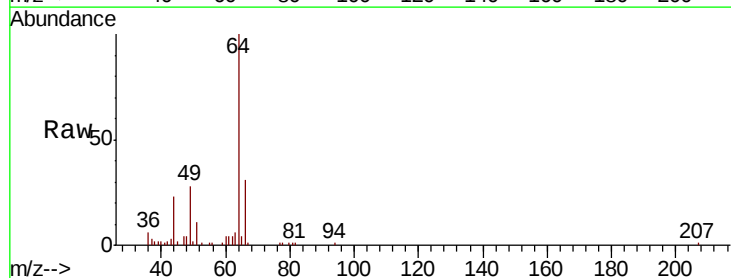
Acq: 4 Nov 2020 14:47

Tgt Ion: 64 Resp: 56970

Ion Ratio Lower Upper

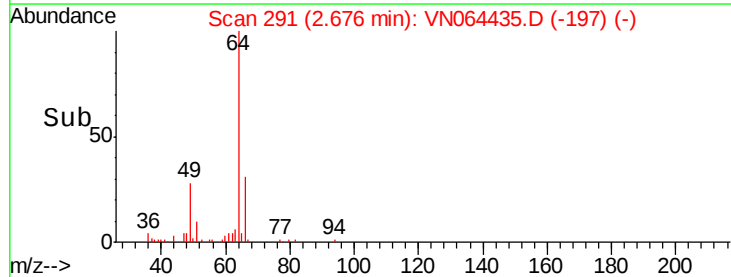
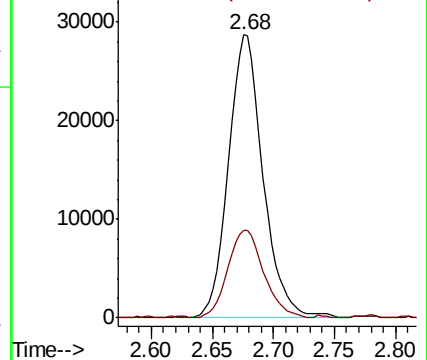
64 100

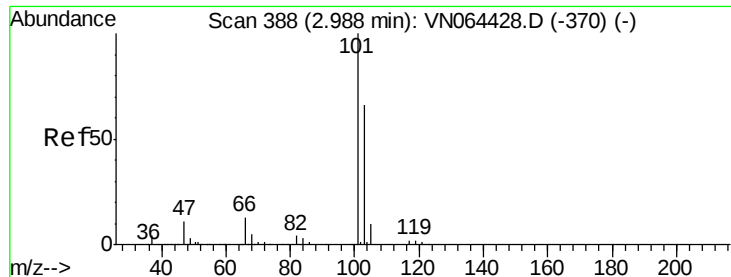
66 30.9 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



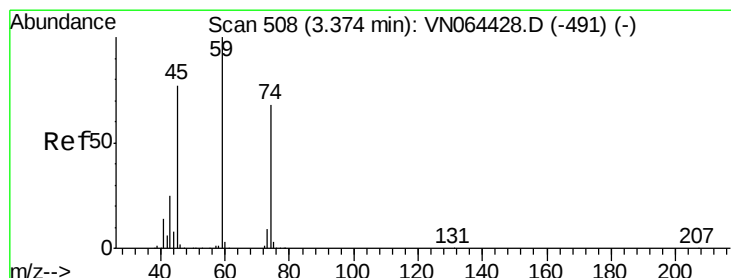
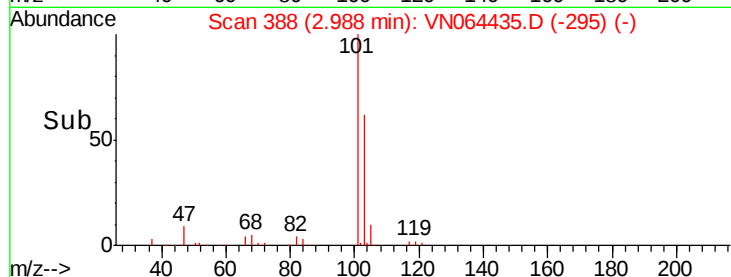
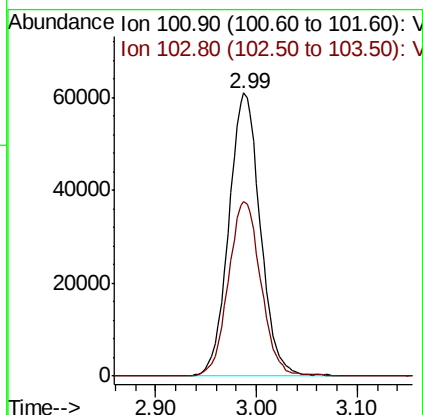
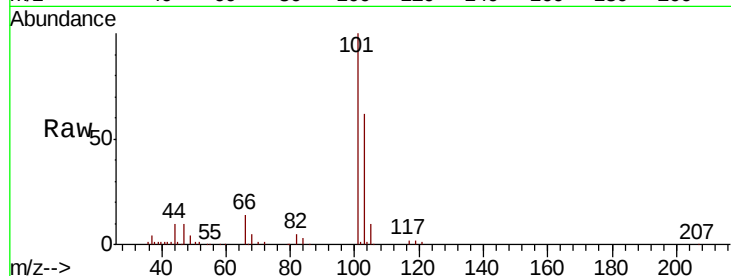


#7

Trichlorofluoromethane
 Concen: 18.121 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

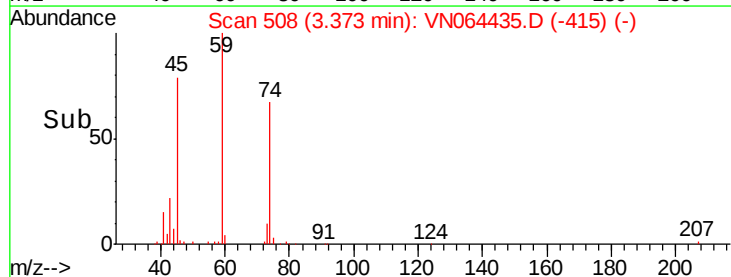
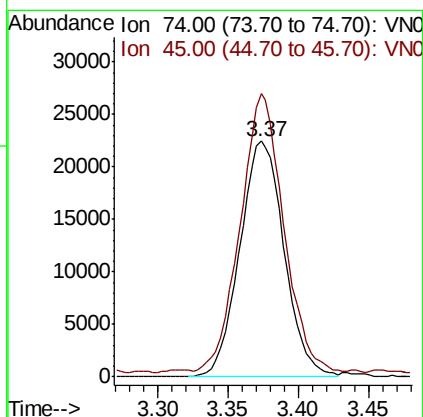
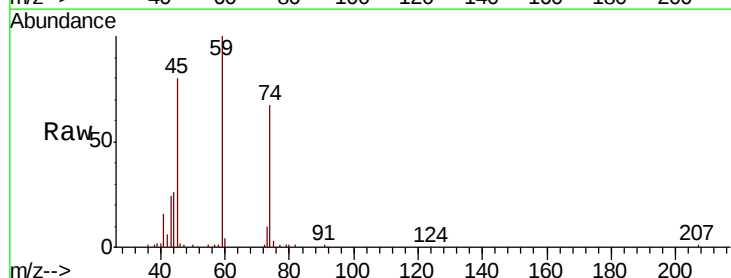
Tot Ion:101 Resp: 132438
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.4 78.6

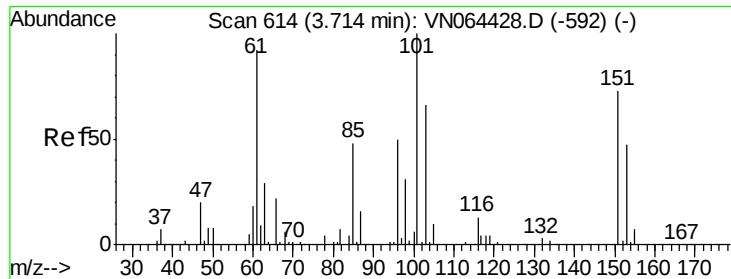


#8

Diethyl Ether
 Concen: 19.151 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 74 Resp: 49429
 Ion Ratio Lower Upper
 74 100
 45 114.0 55.9 167.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.749 ug/l

RT: 3.71 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

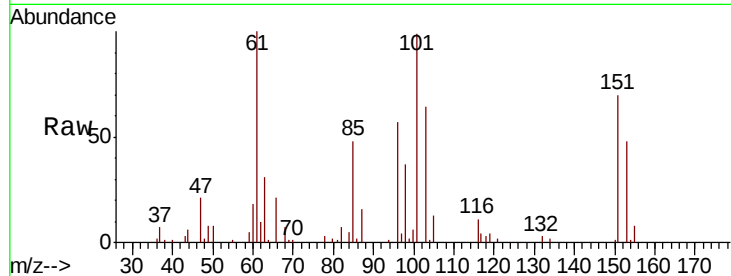
Tot Ion:101 Resp: 61602

Ion Ratio Lower Upper

101 100

85 48.0 38.6 57.8

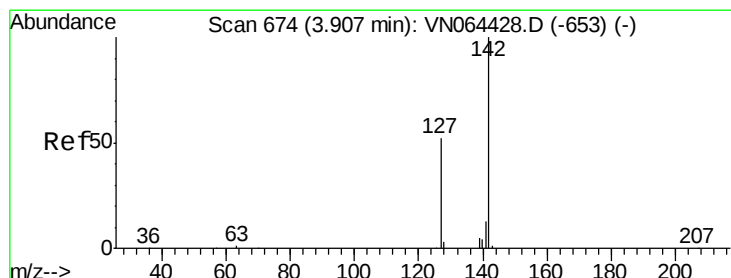
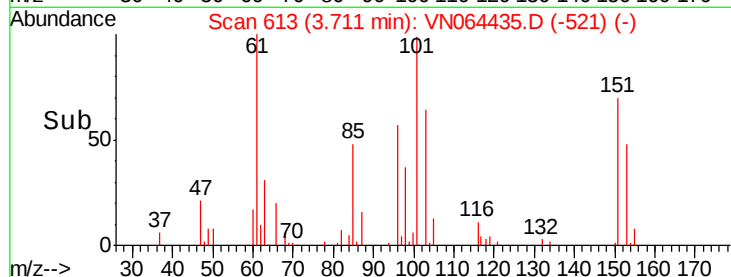
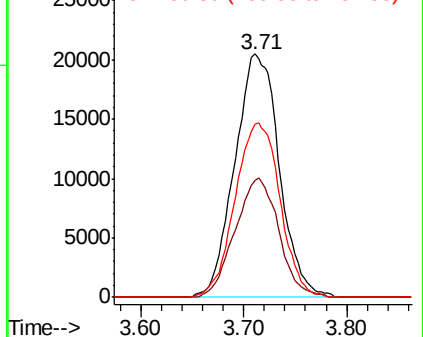
151 72.3 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.183 ug/l

RT: 3.91 min Scan# 674

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

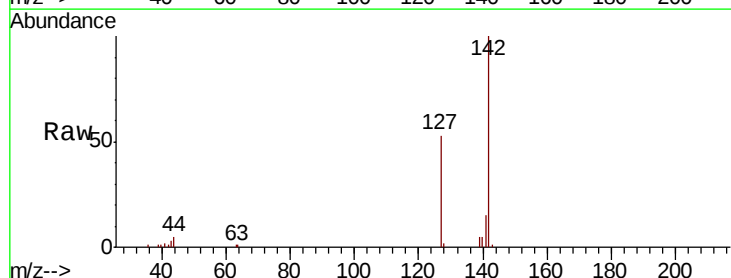
Tgt Ion:142 Resp: 69295

Ion Ratio Lower Upper

142 100

127 50.0 41.8 62.8

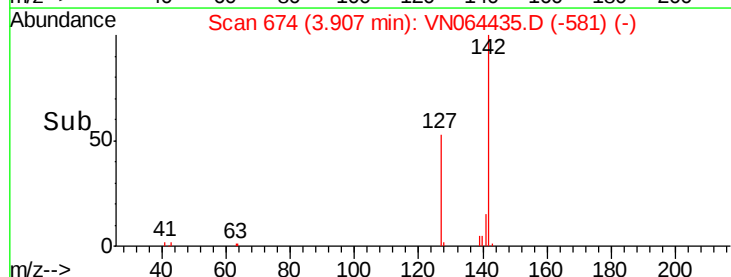
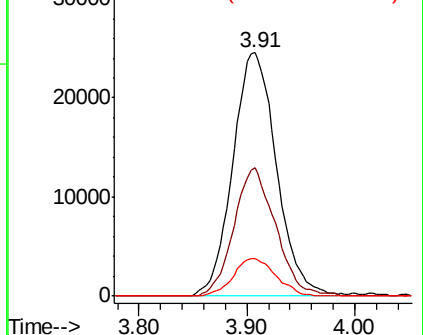
141 15.0 11.4 17.2

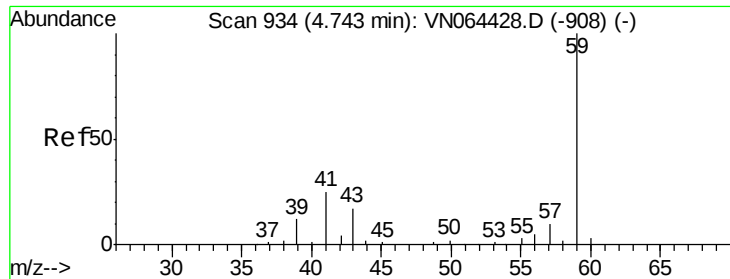


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

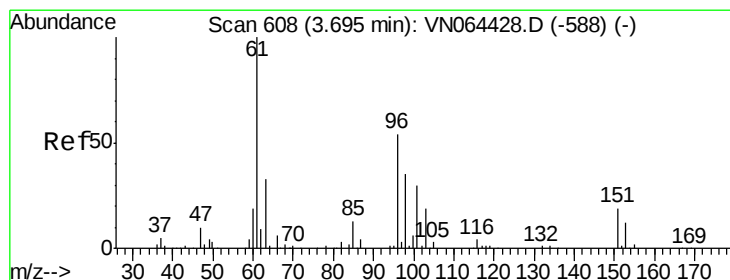
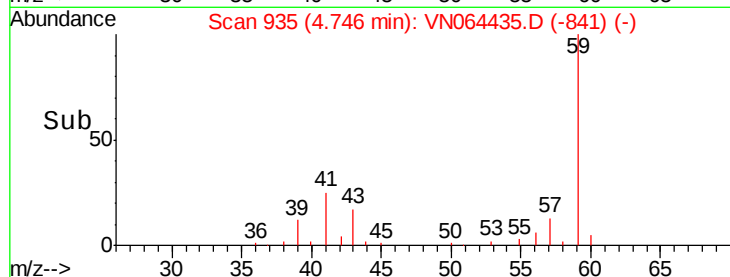
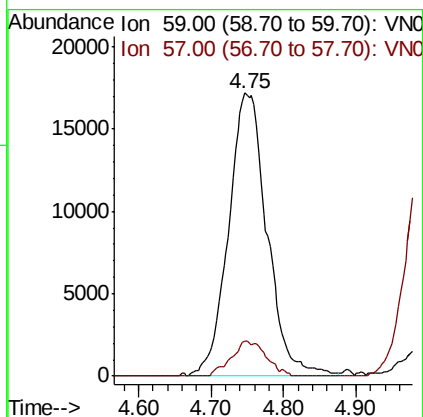
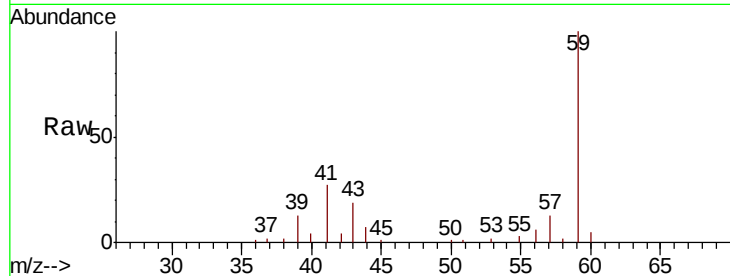




#11
Tert butyl alcohol
Concen: 107.853 ug/l
RT: 4.75 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

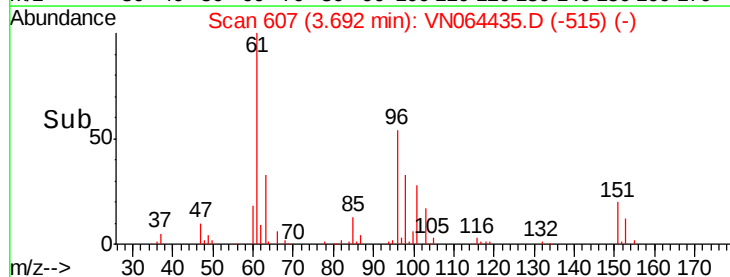
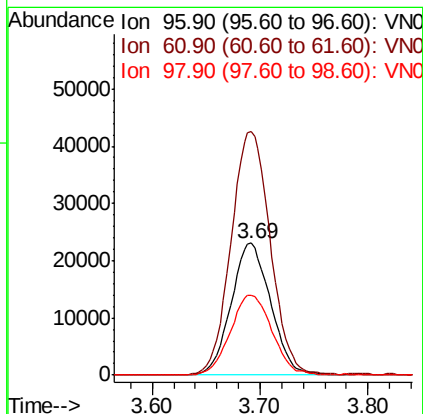
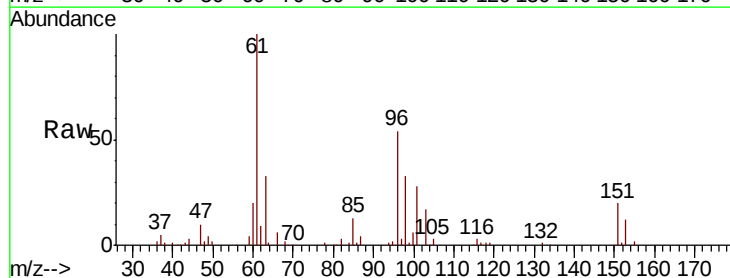
Instrument :
MSVOA_N
ClientSampleId :

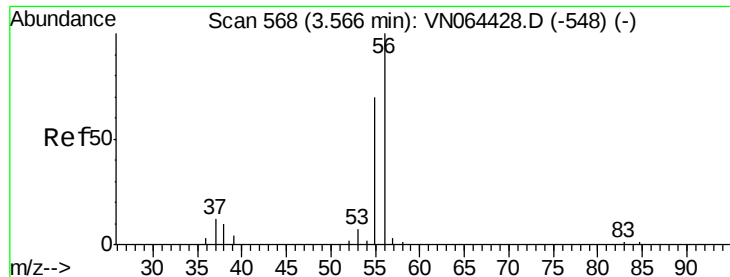
Tot Ion: 59 Resp: 63331
Ion Ratio Lower Upper
59 100
57 11.3 9.0 13.4



#12
1,1-Dichloroethene
Concen: 18.015 ug/l
RT: 3.69 min Scan# 607
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 96 Resp: 58895
Ion Ratio Lower Upper
96 100
61 183.5 149.5 224.3
98 60.5 52.4 78.6





#13

Acrolein

Concen: 97.902 ug/l

RT: 3.56 min Scan# 567

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

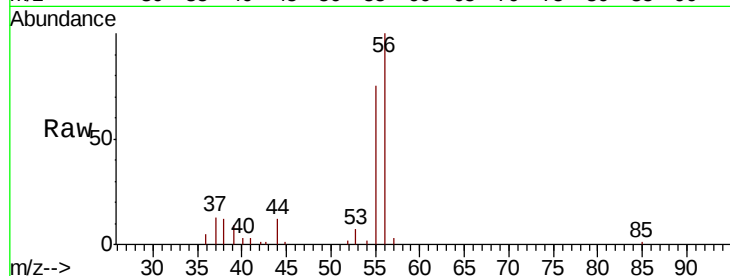
ClientSampleId :

Tot Ion: 56 Resp: 35659

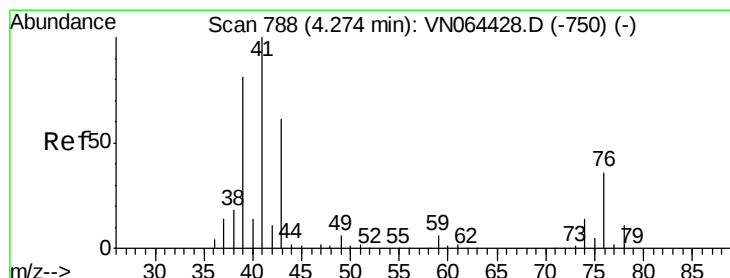
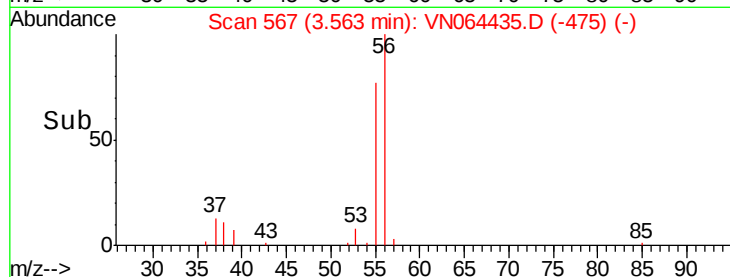
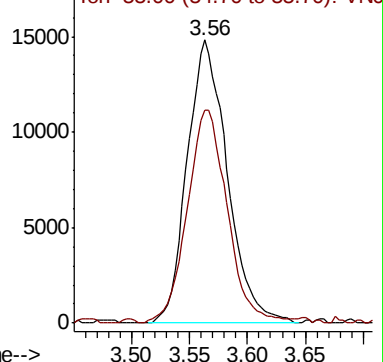
Ion Ratio Lower Upper

56 100

55 75.2 55.9 83.9



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



#14

Allyl chloride

Concen: 18.027 ug/l

RT: 4.27 min Scan# 788

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

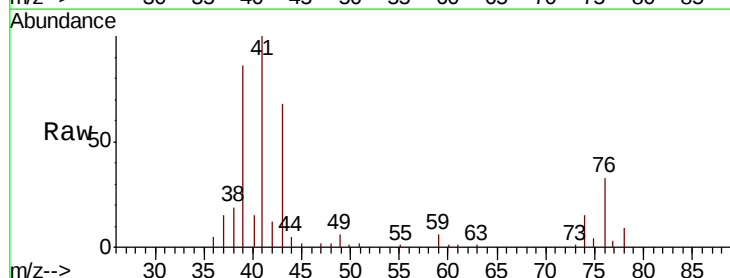
Tgt Ion: 41 Resp: 115292

Ion Ratio Lower Upper

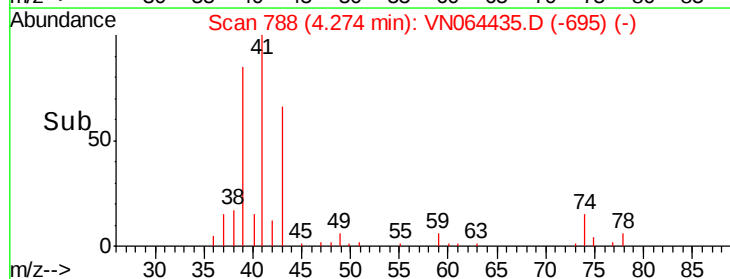
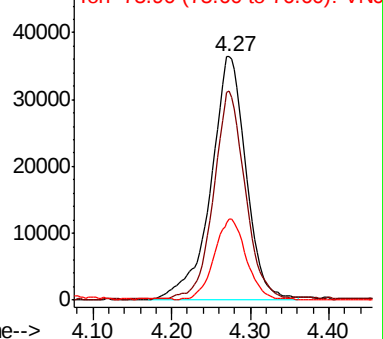
41 100

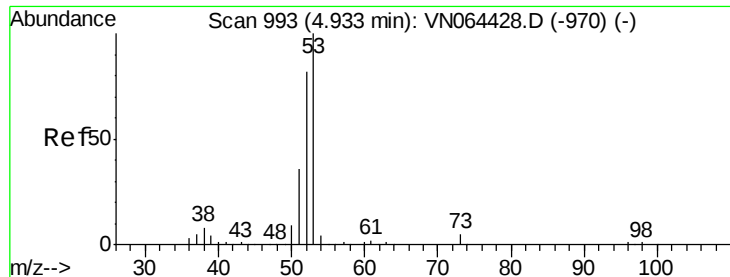
39 75.9 61.8 92.8

76 30.4 25.4 38.0



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





#15

Acrylonitrile

Concen: 102.282 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

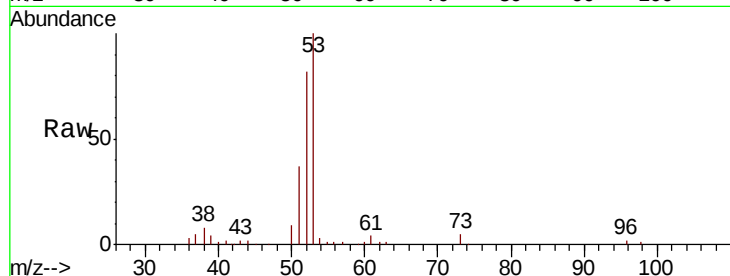
Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

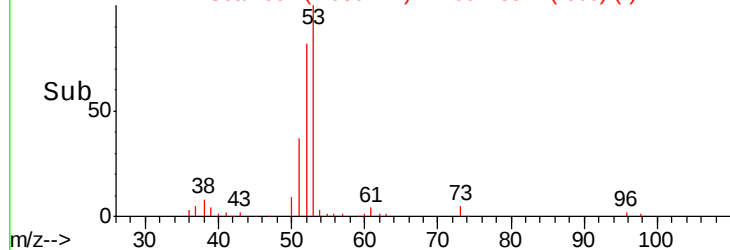
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 53 Resp: 167213

Ion	Ratio	Lower	Upper
53	100		
52	81.8	65.6	98.4
51	38.0	29.9	44.9



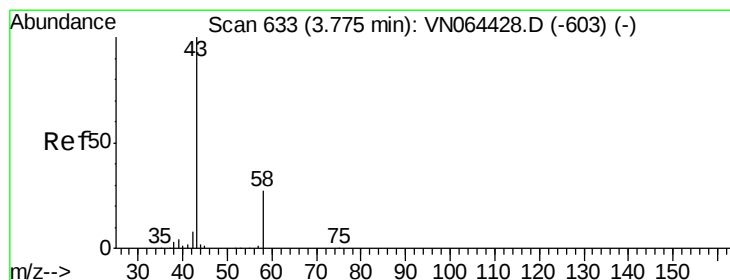
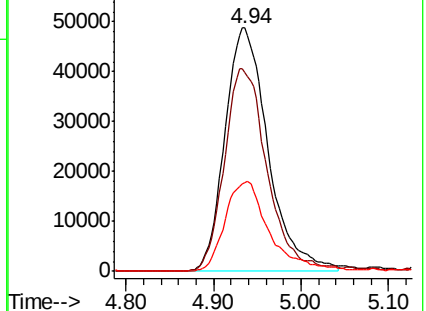
Scan 994 (4.936 min): VN064435.D (-900) (-)



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 85.611 ug/l

RT: 3.78 min Scan# 634

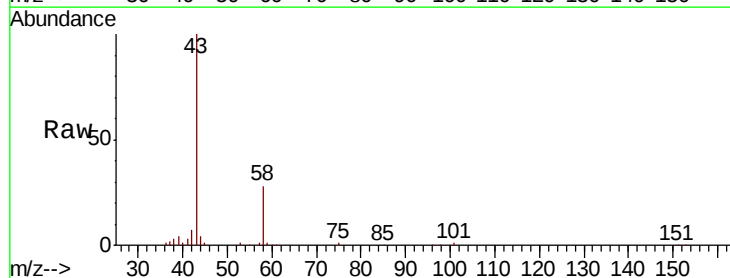
Delta R.T. 0.00 min

Lab File: VN064435.D

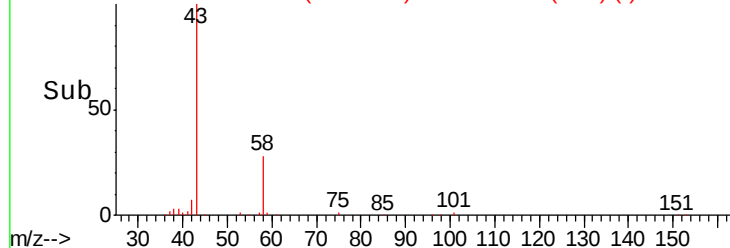
Acq: 4 Nov 2020 14:47

Tgt Ion: 43 Resp: 173641

Ion	Ratio	Lower	Upper
43	100		
58	27.5	21.4	32.0

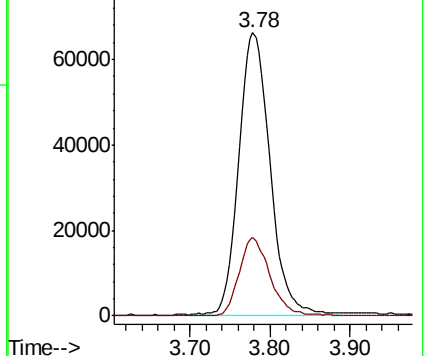


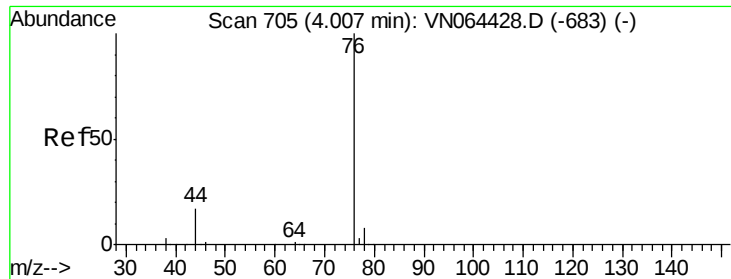
Scan 634 (3.779 min): VN064435.D (-540) (-)



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

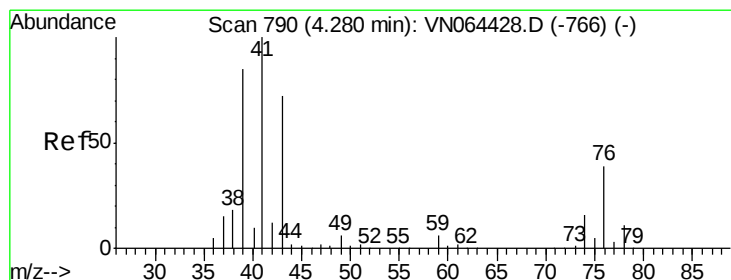
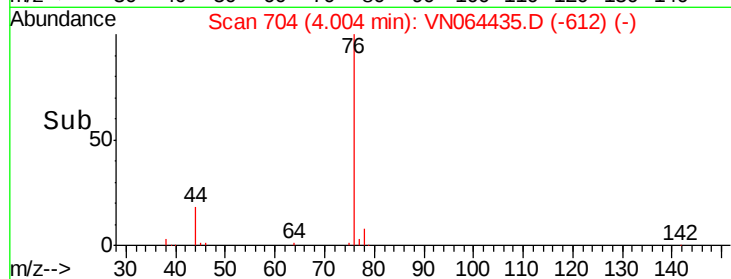
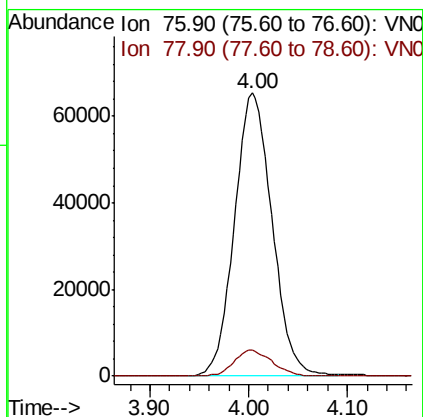
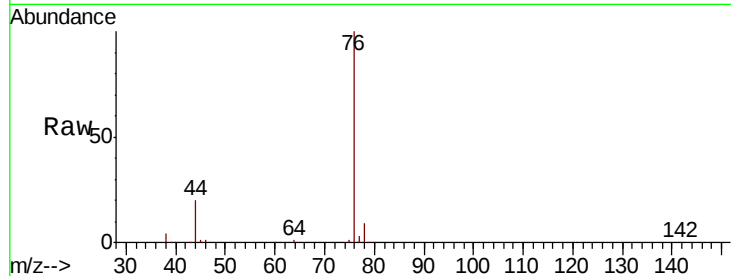




#17
Carbon Disulfide
Concen: 17.678 ug/l
RT: 4.00 min Scan# 704
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

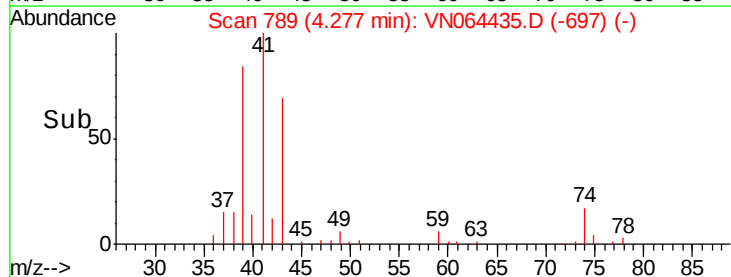
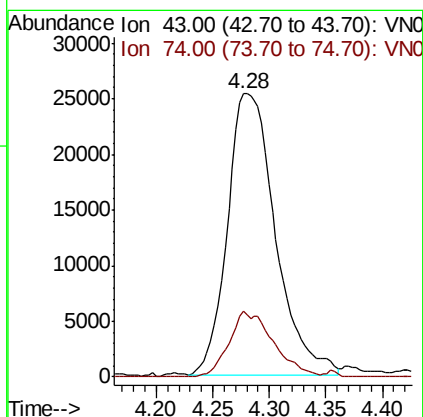
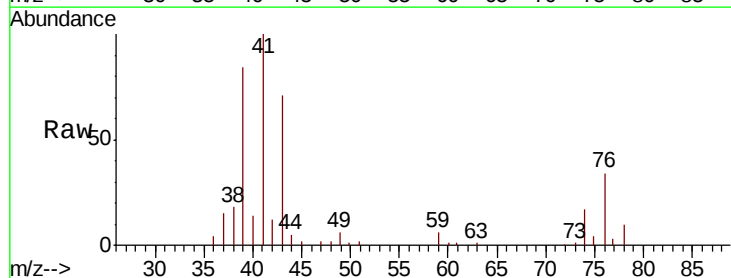
Instrument :
MSVOA_N
ClientSampleId :

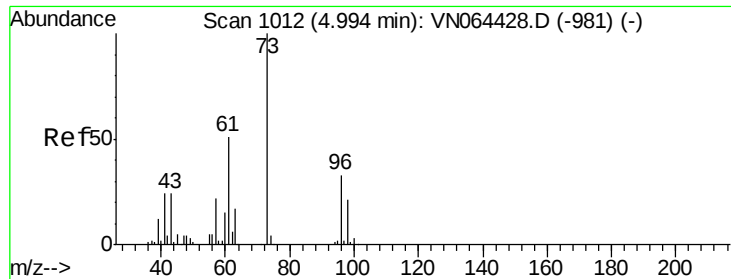
Tot Ion: 76 Resp: 172828
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 18.644 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 43 Resp: 74344
Ion Ratio Lower Upper
43 100
74 21.7 17.0 25.4

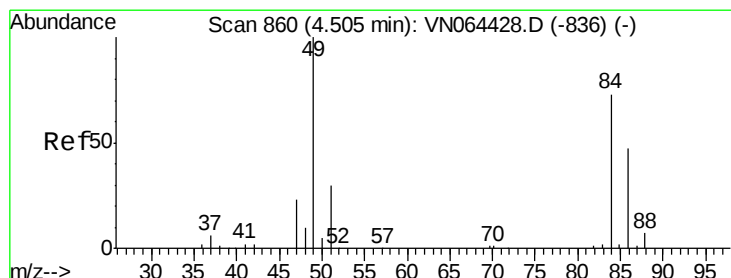
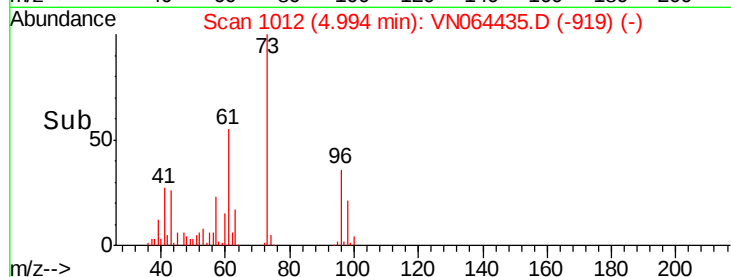
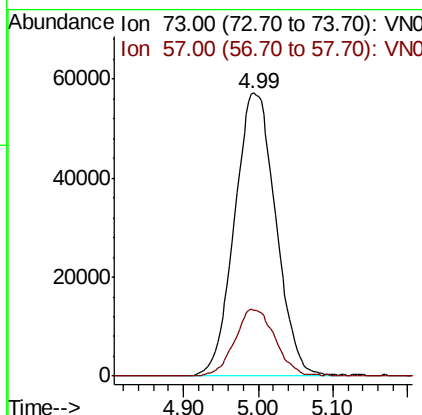
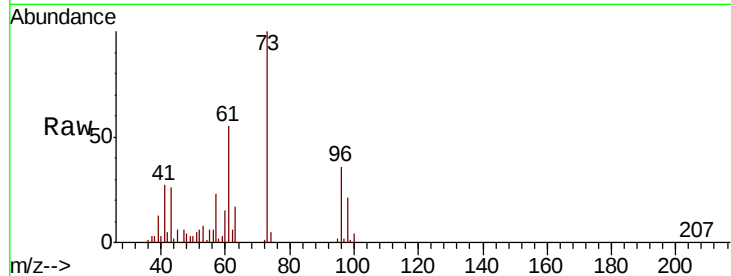




#19
Methvl tert-butvl Ether
Concen: 18.595 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

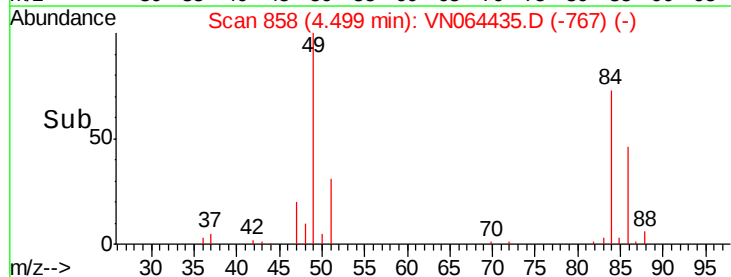
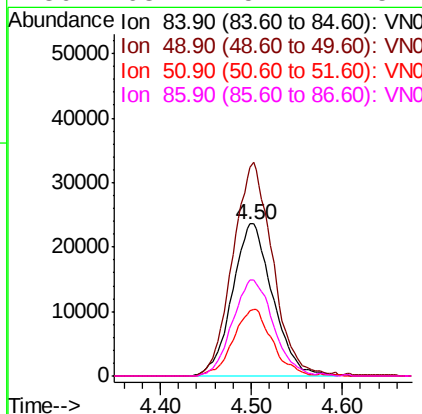
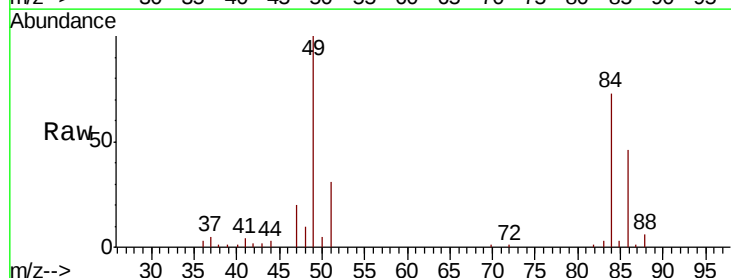
Instrument :
MSVOA_N
ClientSampleId :

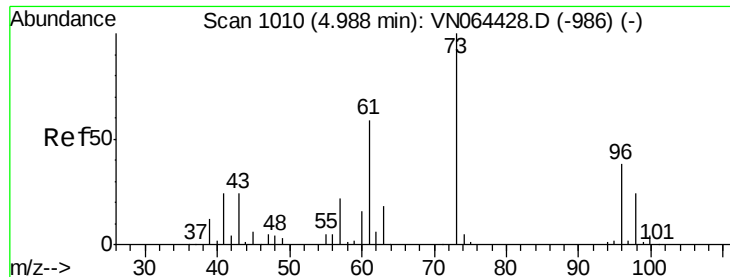
Tot Ion: 73 Resp: 218800
Ion Ratio Lower Upper
73 100
57 23.3 17.7 26.5



#20
Methylene Chloride
Concen: 18.118 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.01 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 84 Resp: 72912
Ion Ratio Lower Upper
84 100
49 137.4 110.1 165.1
51 42.7 33.6 50.4
86 63.4 52.1 78.1

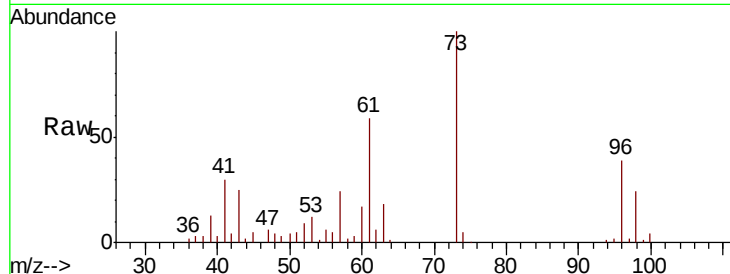




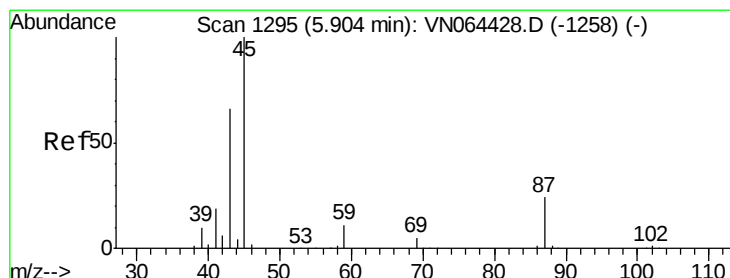
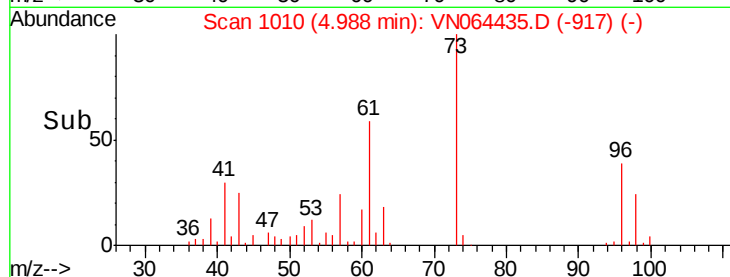
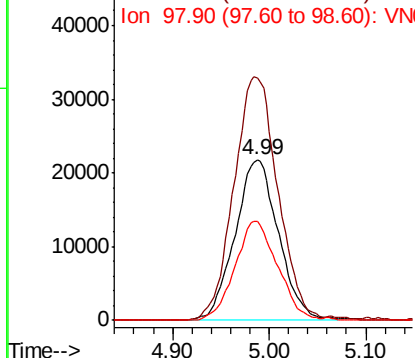
#21
trans-1,2-Dichloroethene
Concen: 18.358 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 68145
Ion Ratio Lower Upper
96 100
61 151.1 122.4 183.6
98 61.7 50.4 75.6

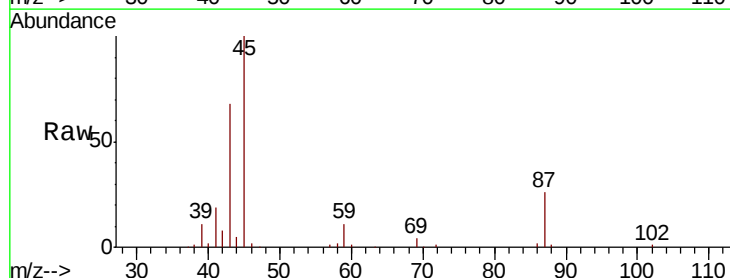


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

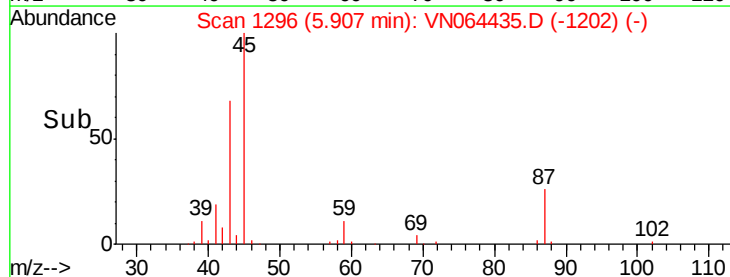
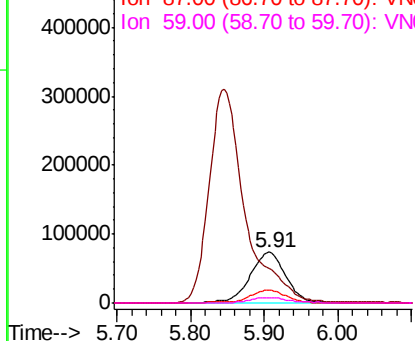


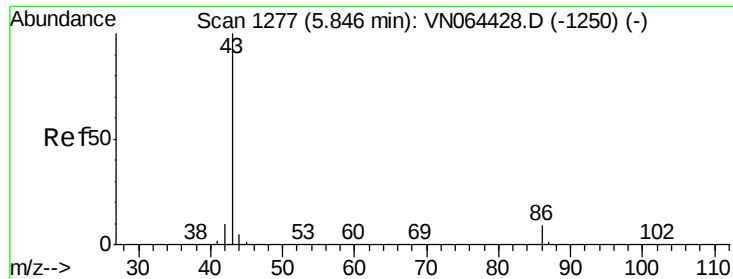
#22
Diisopropyl ether
Concen: 18.326 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 45 Resp: 248782
Ion Ratio Lower Upper
45 100
43 65.7 53.2 79.8
87 25.8 19.9 29.9
59 10.7 8.6 13.0



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

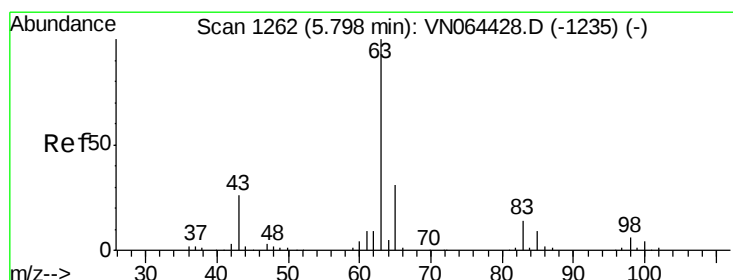
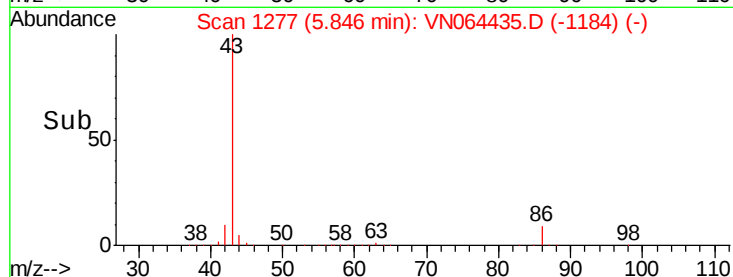
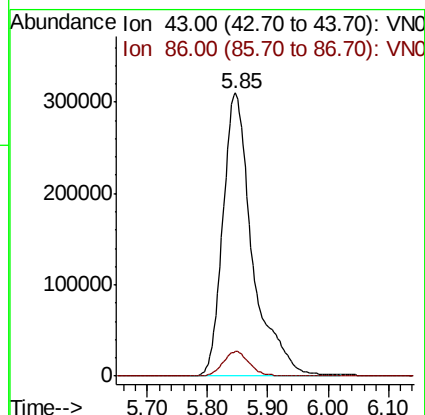
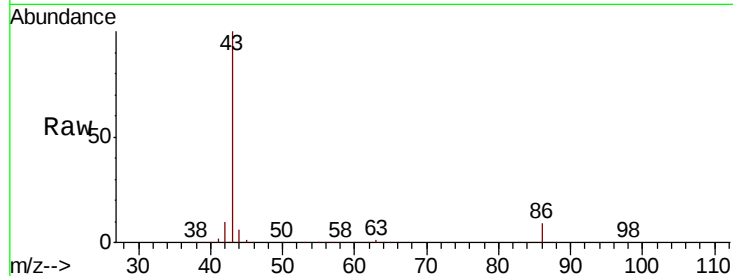




#23
 Vinyl Acetate
 Concen: 95.506 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

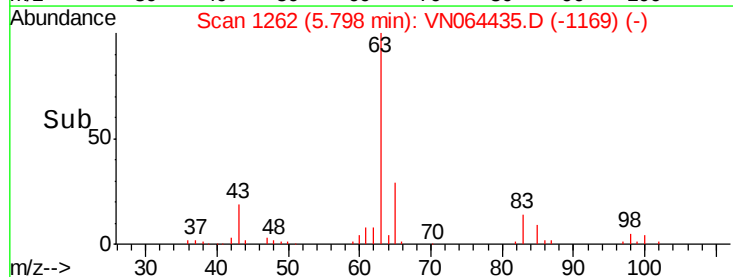
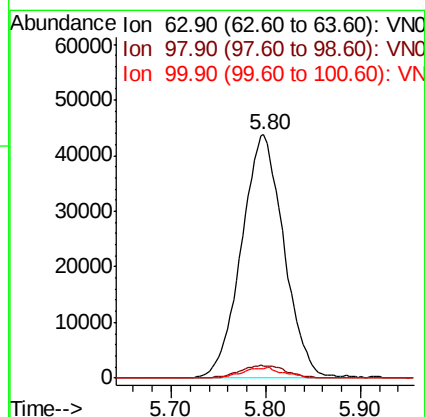
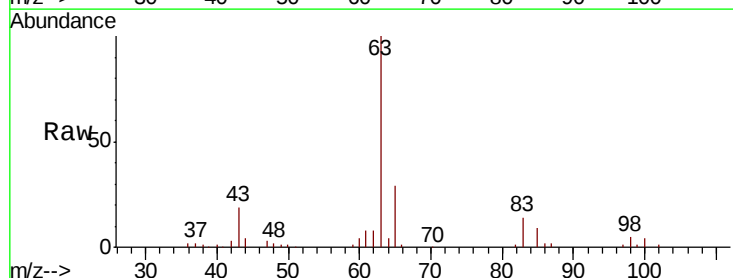
Instrument :
 MSVOA_N
 ClientSampleId :

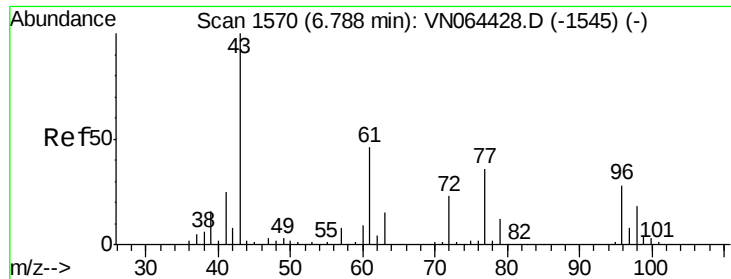
Tot Ion: 43 Resp: 1054744
 Ion Ratio Lower Upper
 43 100
 86 8.8 6.8 10.2



#24
 1,1-Dichloroethane
 Concen: 18.272 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 63 Resp: 136307
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.0 9.2
 100 4.0 1.8 5.3





#25

2-Butanone

Concen: 96.333 ug/l

RT: 6.79 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

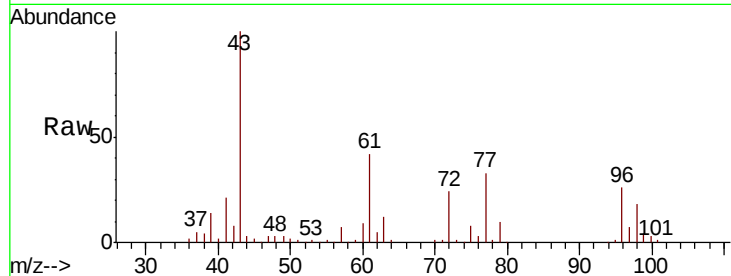
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 248951

Ion Ratio Lower Upper

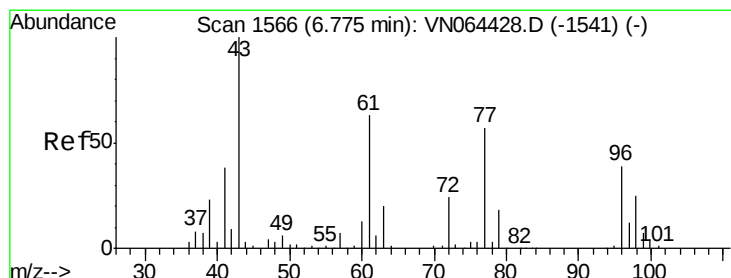
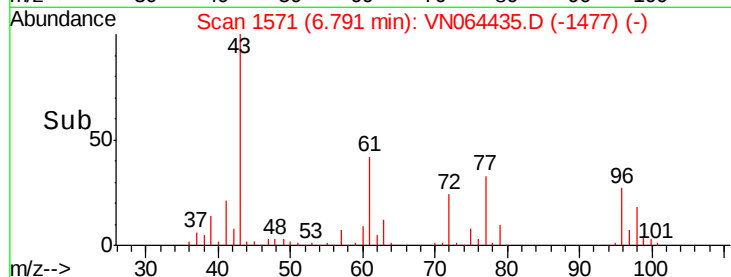
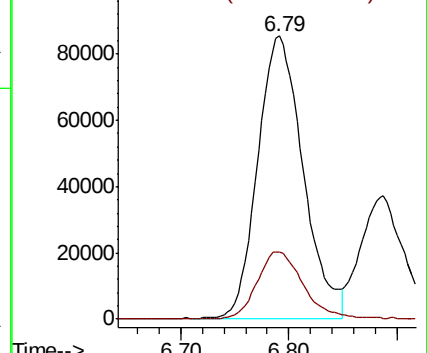
43 100

72 23.6 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VN064428.D (-1545) (-)

Ion 72.00 (71.70 to 72.70): VN064428.D (-1545) (-)



#26

2,2-Dichloropropane

Concen: 17.347 ug/l

RT: 6.77 min Scan# 1564

Delta R.T. -0.01 min

Lab File: VN064435.D

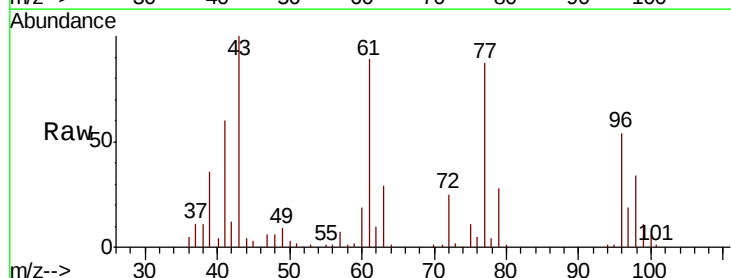
Acq: 4 Nov 2020 14:47

Tgt Ion: 77 Resp: 117146

Ion Ratio Lower Upper

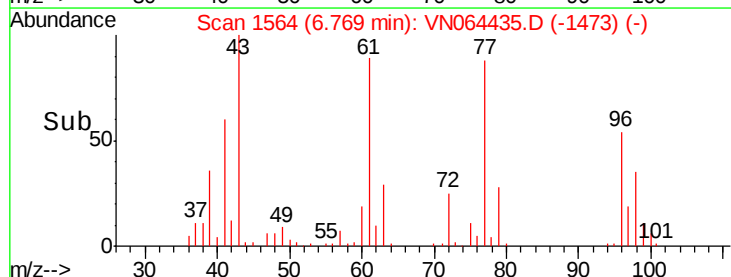
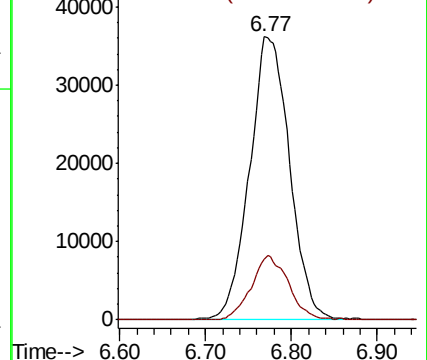
77 100

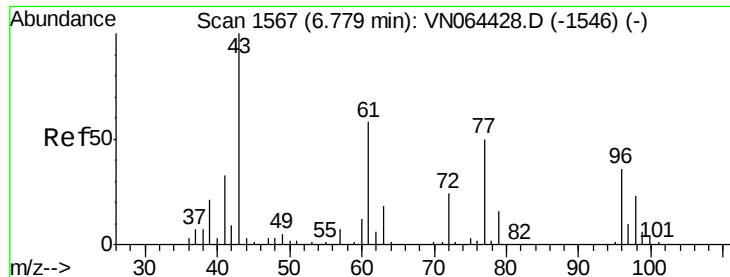
97 21.0 10.2 30.6



Abundance Ion 76.90 (76.60 to 77.60): VN064428.D (-1541) (-)

Ion 96.90 (96.60 to 97.60): VN064428.D (-1541) (-)





#27

cis-1,2-Dichloroethene

Concen: 17.937 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampled :

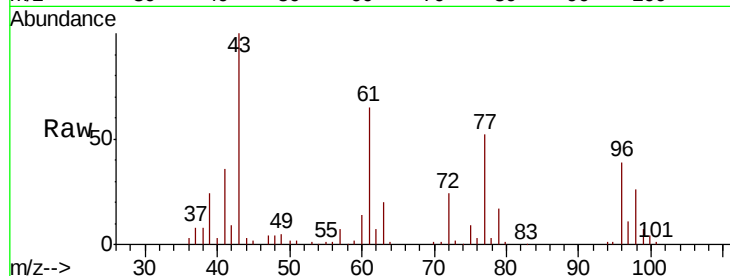
Tot Ion: 96 Resp: 77151

Ion Ratio Lower Upper

96 100

61 167.7 0.0 329.6

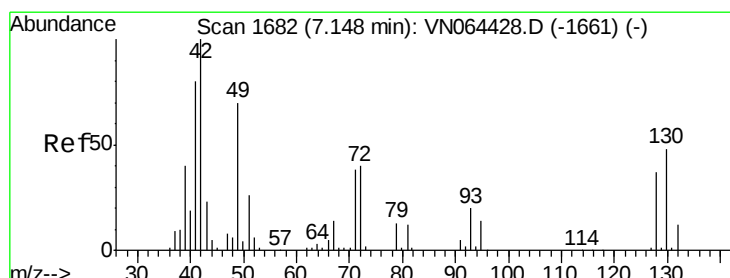
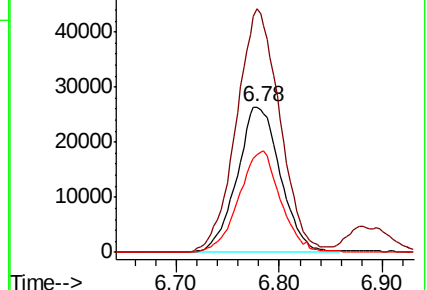
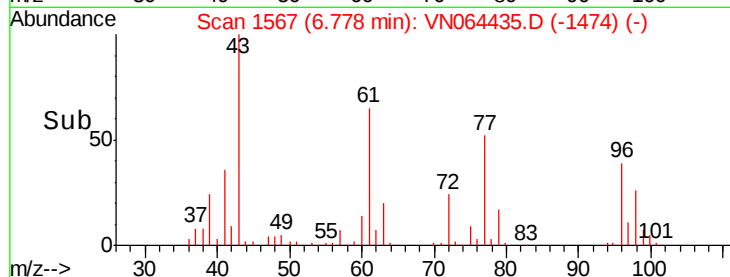
98 67.3 0.0 131.2



Abundance Ion 95.90 (95.60 to 96.60): VN064435.D (-1474) (-)

Ion 60.90 (60.60 to 61.60): VN064435.D (-1474) (-)

Ion 97.90 (97.60 to 98.60): VN064435.D (-1474) (-)



#28

Bromochloromethane

Concen: 19.258 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

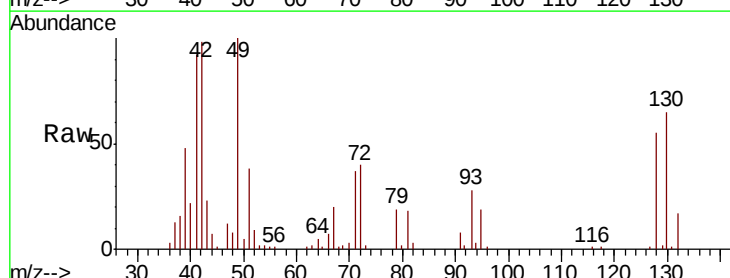
Tgt Ion: 49 Resp: 70615

Ion Ratio Lower Upper

49 100

129 0.4 0.0 3.6

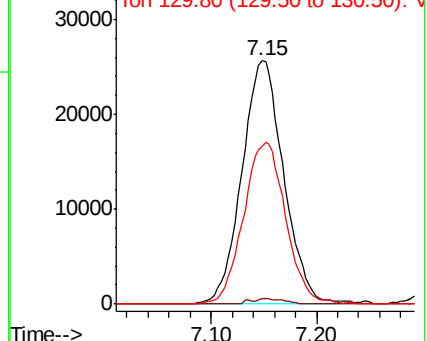
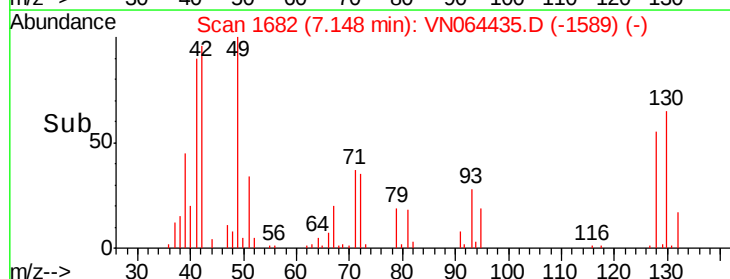
130 66.9 54.2 81.4

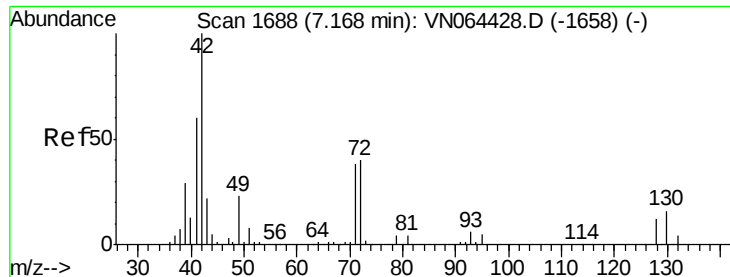


Abundance Ion 48.90 (48.60 to 49.60): VN064435.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064435.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064435.D (-1589) (-)

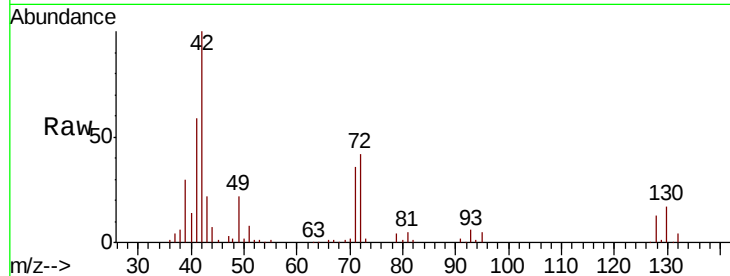




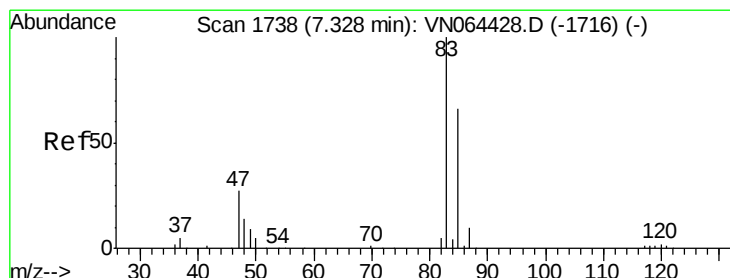
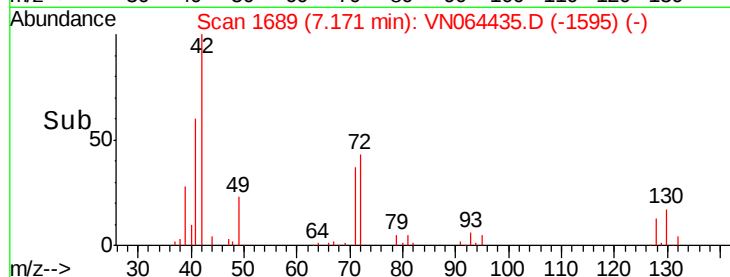
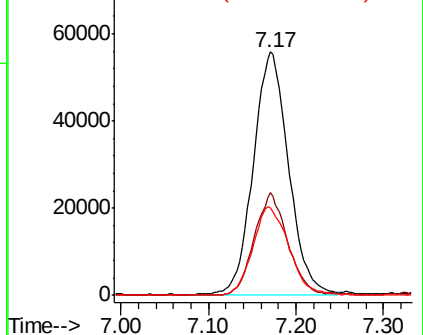
#29
Tetrahydrofuran
Concen: 99.077 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 157088
Ion Ratio Lower Upper
42 100
72 39.6 31.7 47.5
71 37.1 29.8 44.6

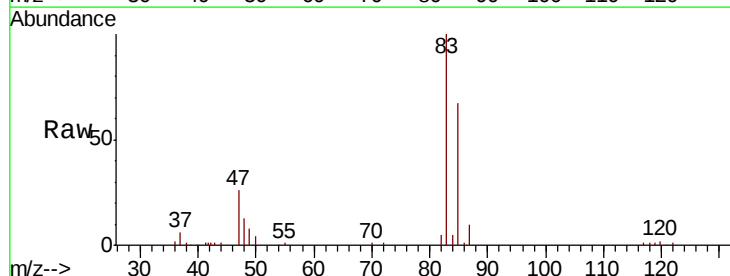


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

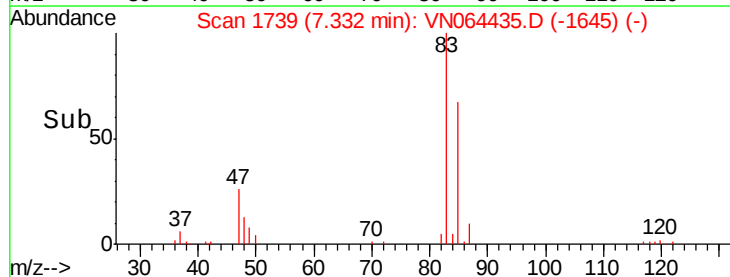
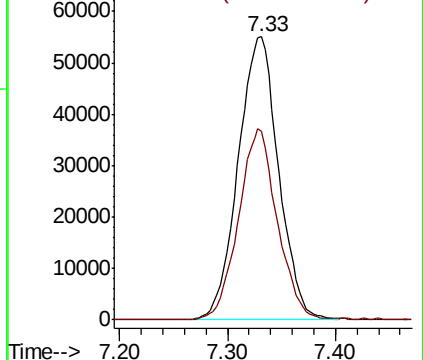


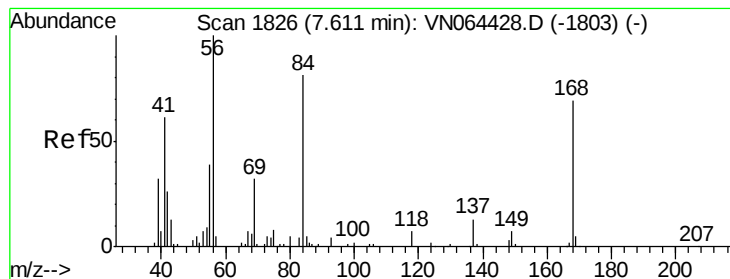
#30
Chloroform
Concen: 18.298 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 83 Resp: 143487
Ion Ratio Lower Upper
83 100
85 66.7 52.5 78.7



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 17.555 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

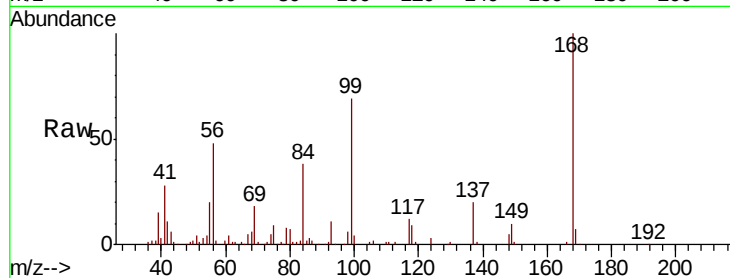
Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 113625

Ion	Ratio	Lower	Upper
56	100		
69	37.7	25.6	38.4
84	78.1	63.0	94.6

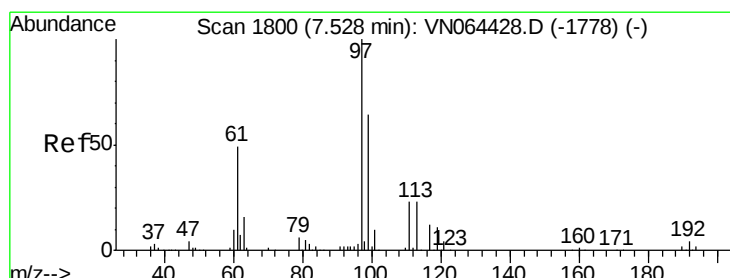
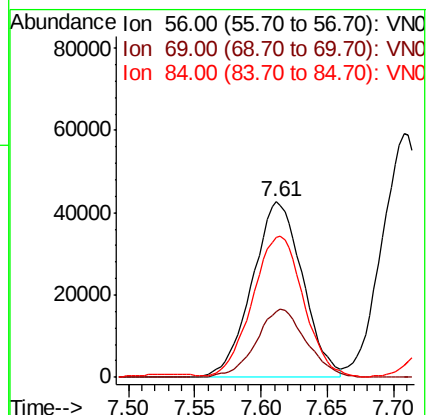
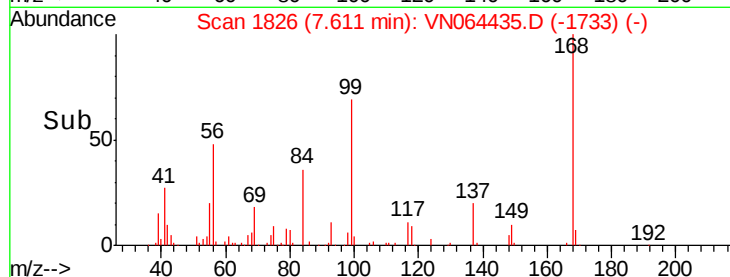


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 17.586 ug/l

RT: 7.53 min Scan# 1801

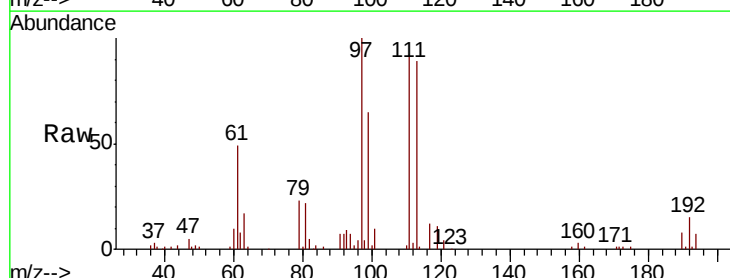
Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Tgt Ion: 97 Resp: 122311

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.3	76.9
61	49.9	39.1	58.7

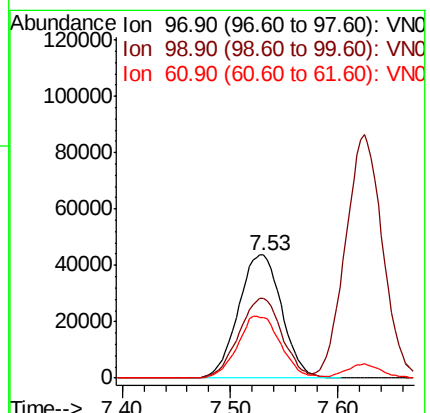
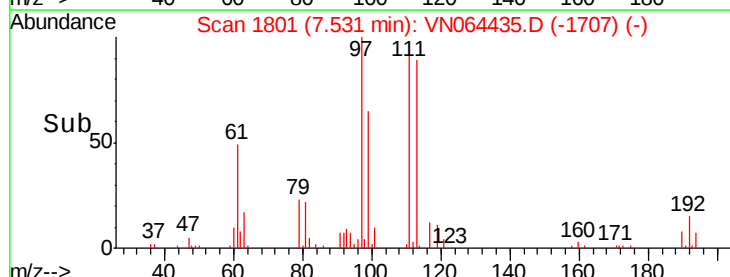


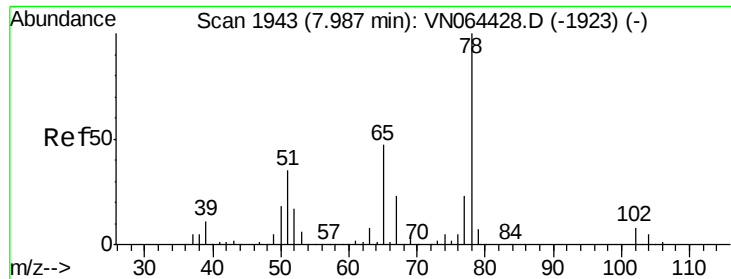
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

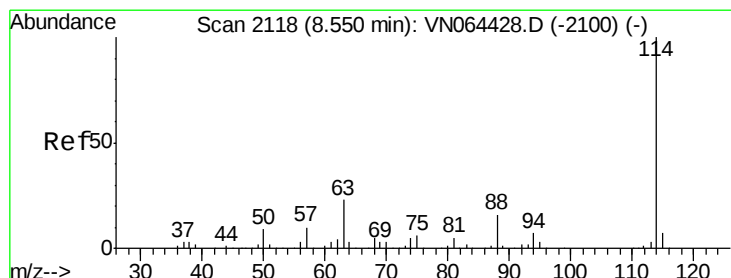
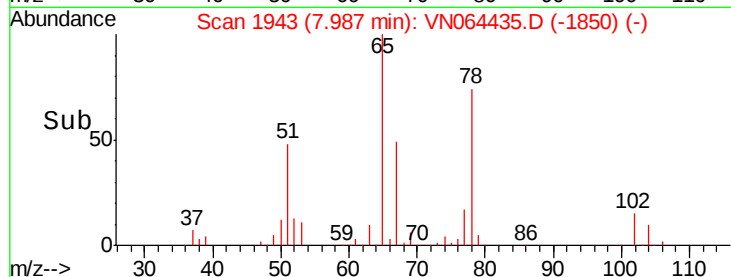
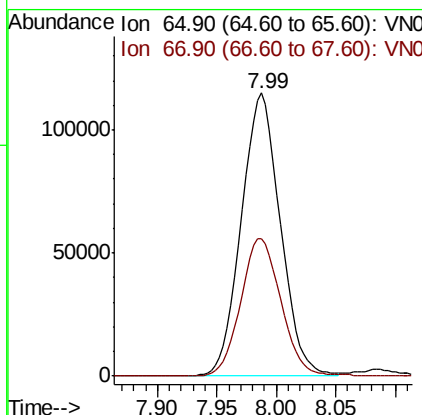
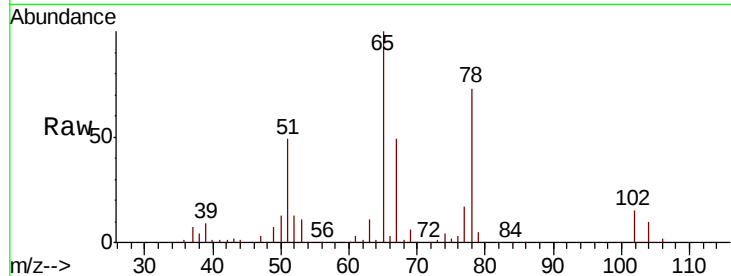




#33
 1,2-Dichloroethane-d4
 Concen: 49.169 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

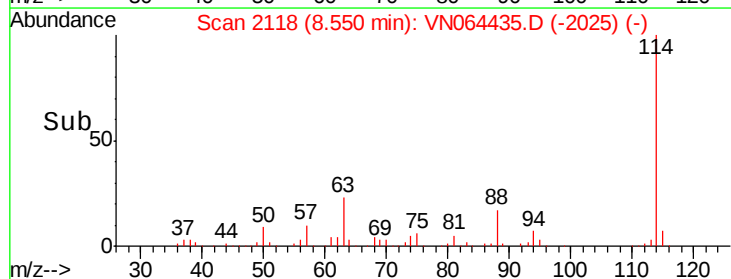
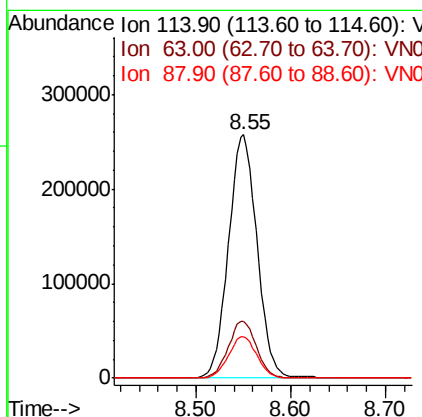
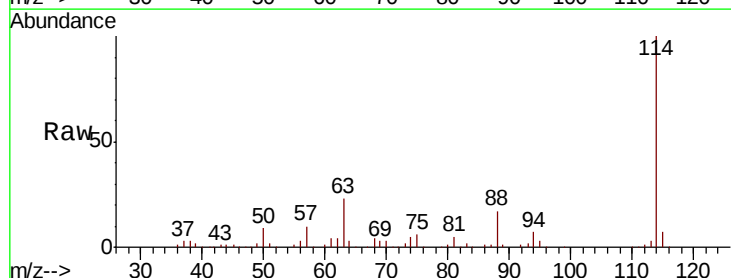
Instrument :
 MSVOA_N
 ClientSampleId :

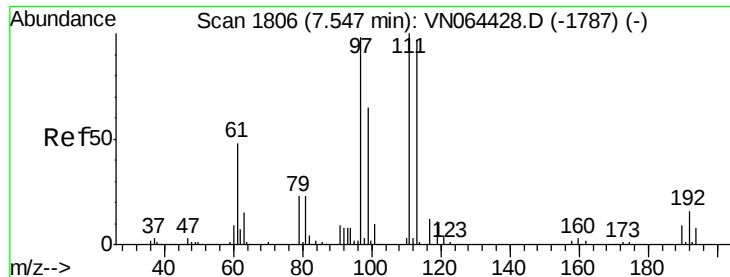
Tot Ion: 65 Resp: 261809
 Ion Ratio Lower Upper
 65 100
 67 50.0 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 114 Resp: 539840
 Ion Ratio Lower Upper
 114 100
 63 23.3 0.0 45.6
 88 17.2 0.0 32.8

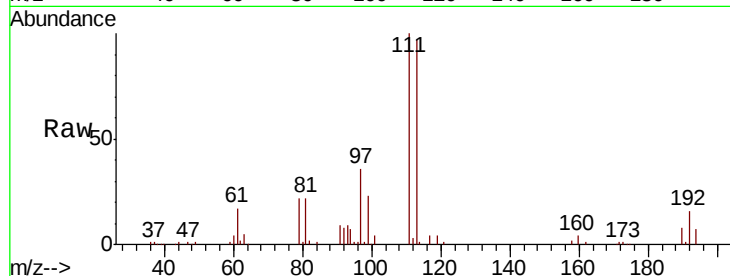




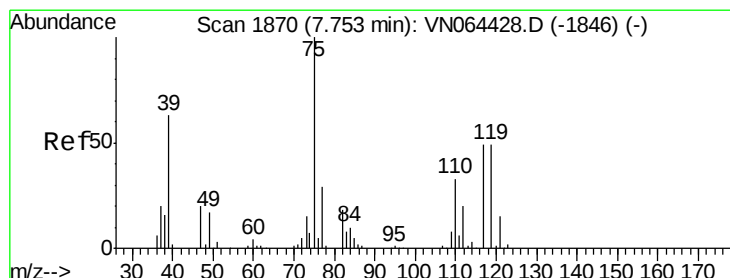
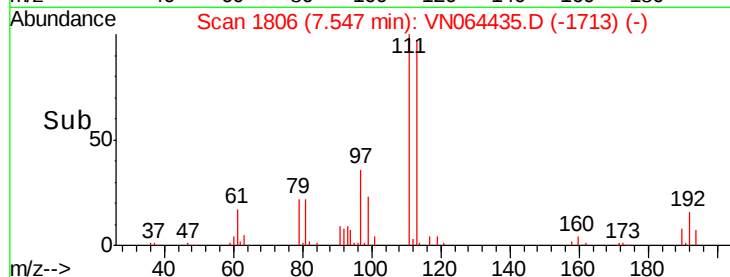
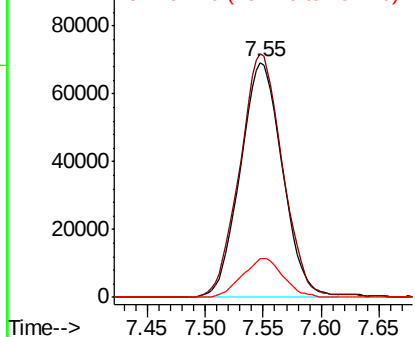
#35
 Dibromofluoromethane
 Concen: 47.625 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 175050
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.1 121.7
 192 16.3 12.8 19.2

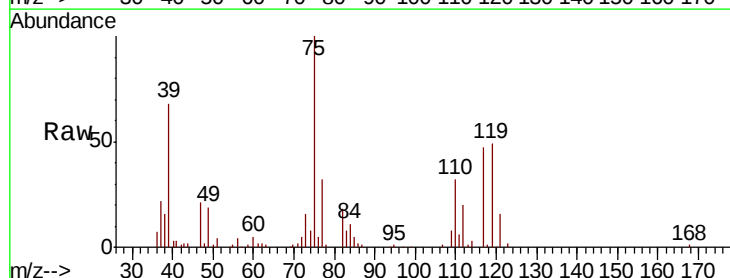


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

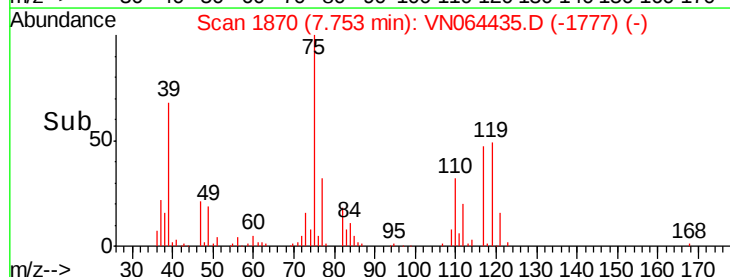
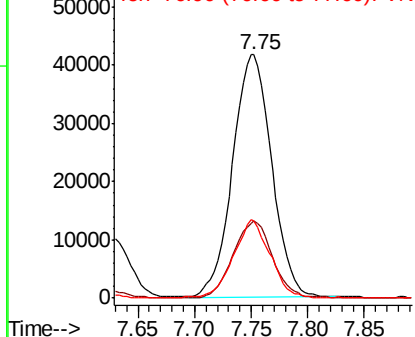


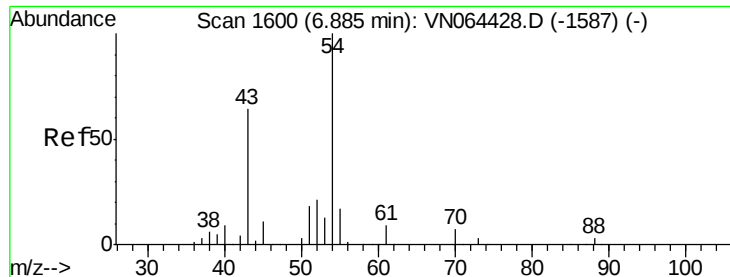
#36
 1,1-Dichloropropene
 Concen: 17.565 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 75 Resp: 100173
 Ion Ratio Lower Upper
 75 100
 110 32.0 16.0 48.0
 77 30.6 24.0 36.0



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

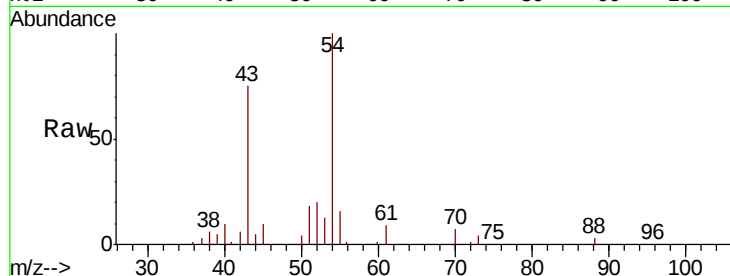




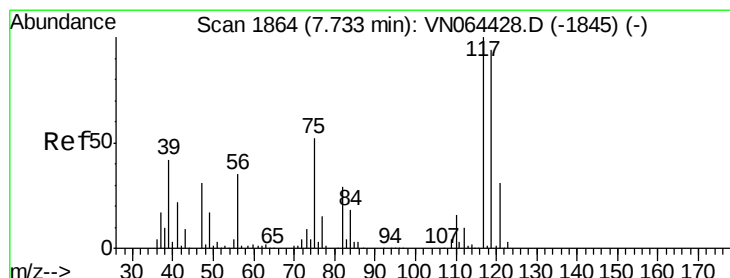
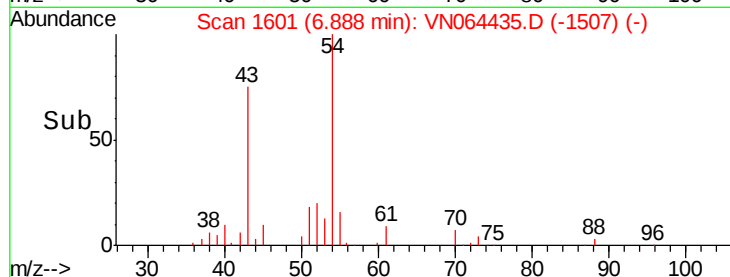
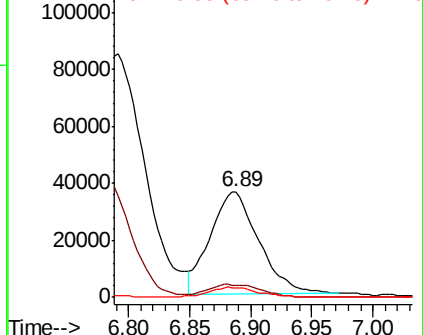
#37
Ethyl Acetate
Concen: 17.883 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 100630
Ion Ratio Lower Upper
43 100
61 12.5 10.0 15.0
70 10.0 7.1 10.7

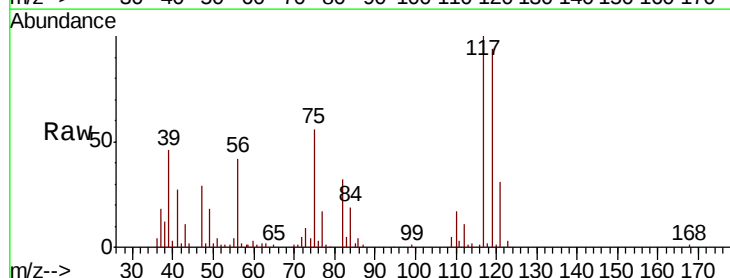


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

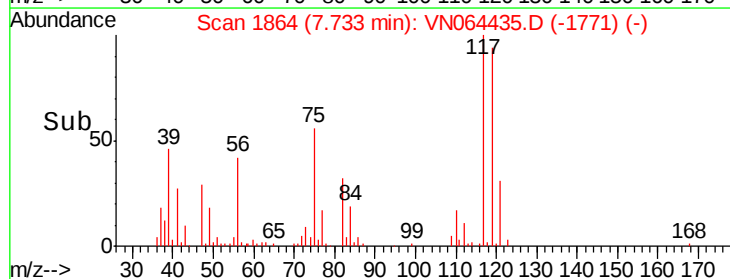
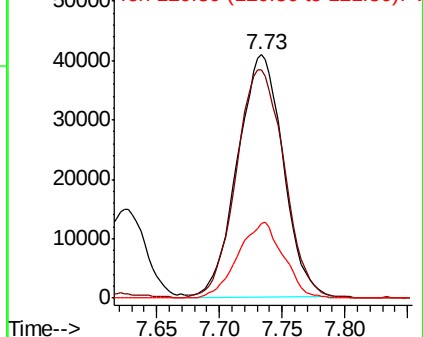


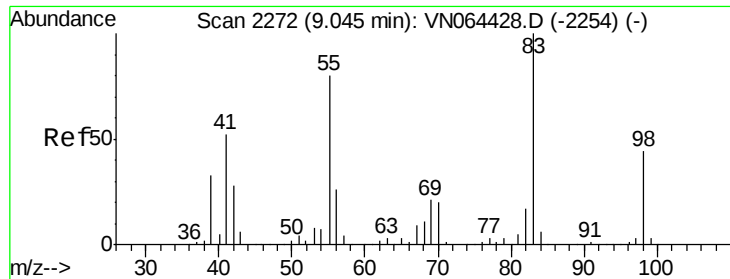
#38
Carbon Tetrachloride
Concen: 16.953 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 117 Resp: 103332
Ion Ratio Lower Upper
117 100
119 93.7 75.5 113.3
121 30.9 24.4 36.6



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

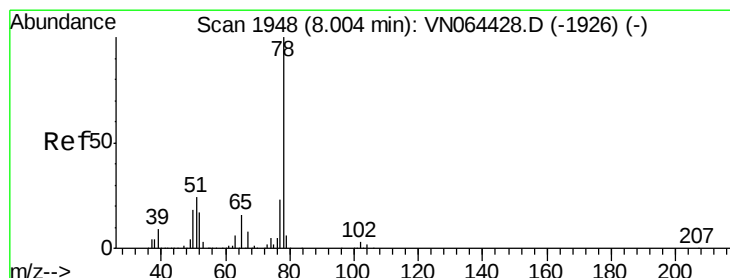
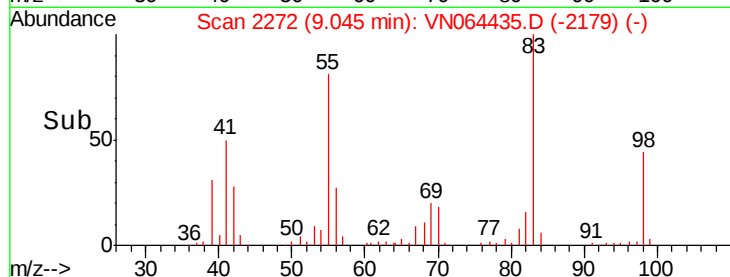
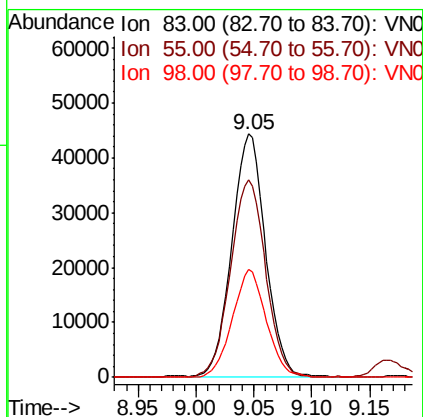
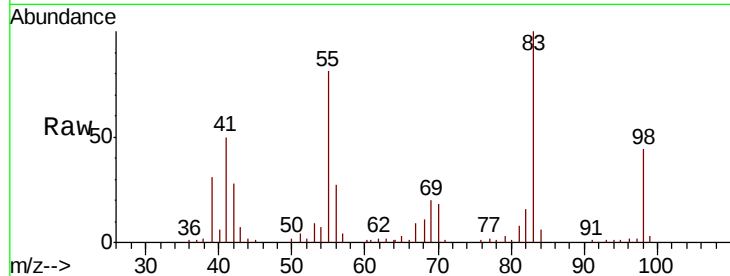




#39
Methvlcvclohexane
Concen: 17.480 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

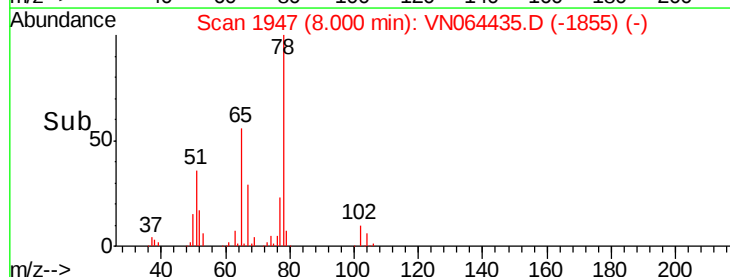
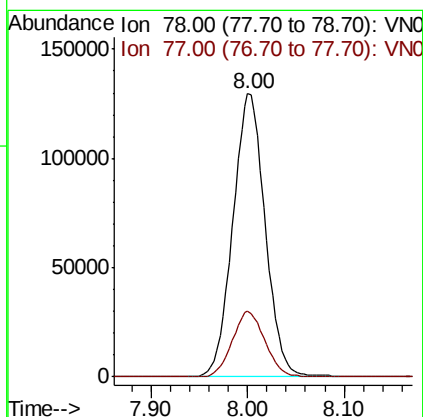
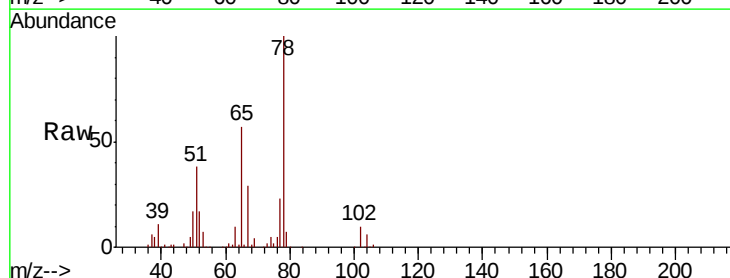
Instrument :
MSVOA_N
ClientSampleId :

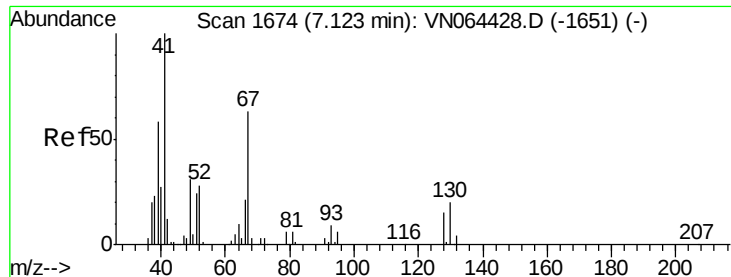
Tot Ion: 83 Resp: 89365
Ion Ratio Lower Upper
83 100
55 81.0 63.8 95.6
98 44.5 35.4 53.2



#40
Benzene
Concen: 17.922 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 78 Resp: 300337
Ion Ratio Lower Upper
78 100
77 23.1 18.7 28.1

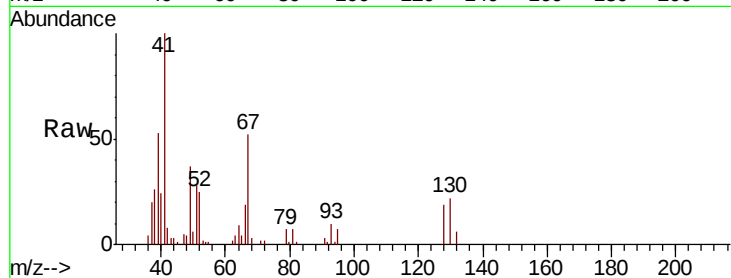




#41
Methacrylonitrile
Concen: 19.958 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	50463
Ion	Ratio	Lower	Upper
41	100		
39	56.1	50.0	75.0
67	69.3	68.3	102.5
52	33.0	32.7	49.1



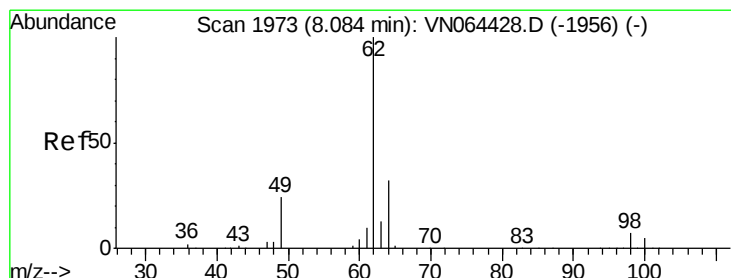
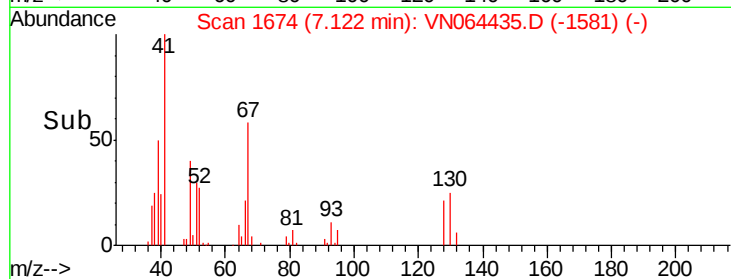
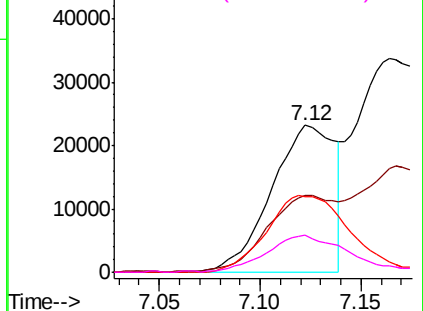
Abundance

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

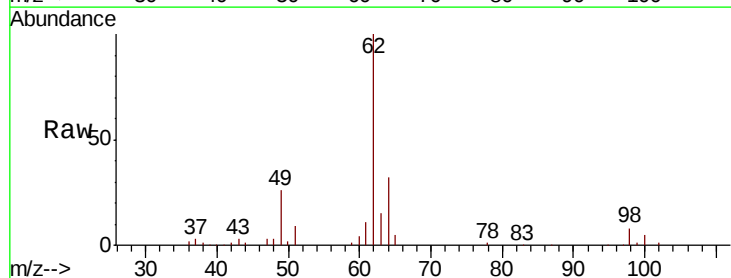
Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0



#42
1,2-Dichloroethane
Concen: 18.821 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

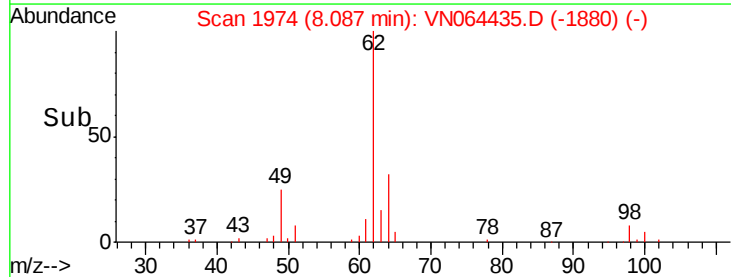
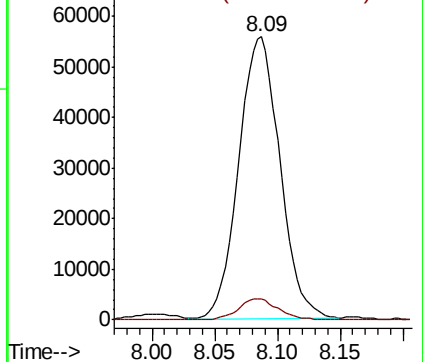
Tgt Ion:	62	Resp:	127289
Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	14.0

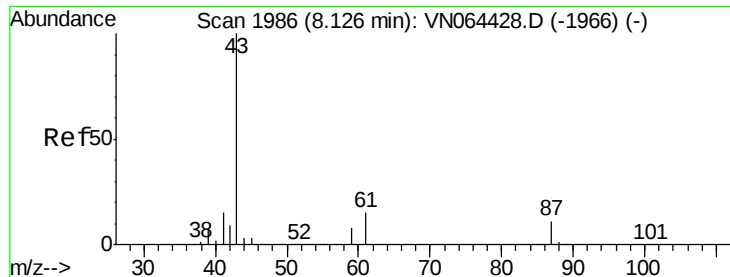


Abundance

Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



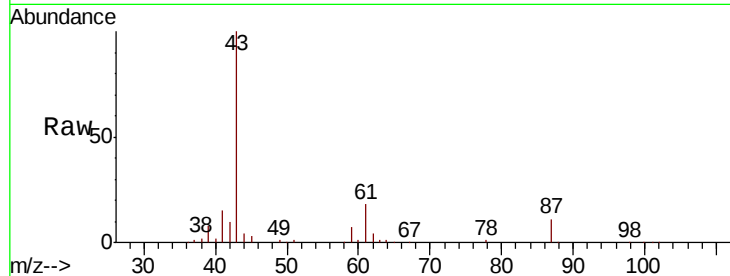


#43

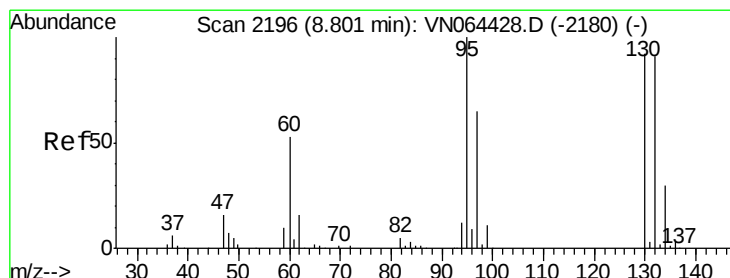
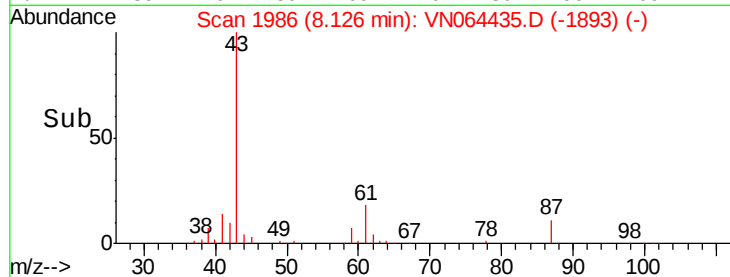
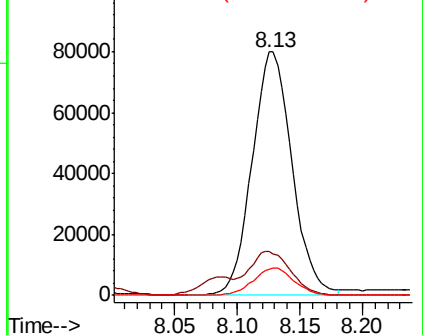
Isopropyl Acetate
 Concen: 18.958 ug/l
 RT: 8.13 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 43 Resp: 175211
 Ion Ratio Lower Upper
 43 100
 61 18.7 14.0 21.0
 87 11.5 9.1 13.7



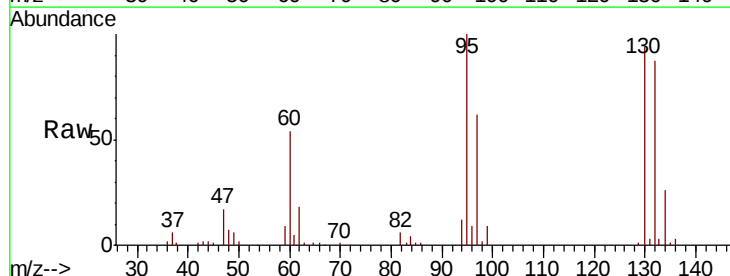
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



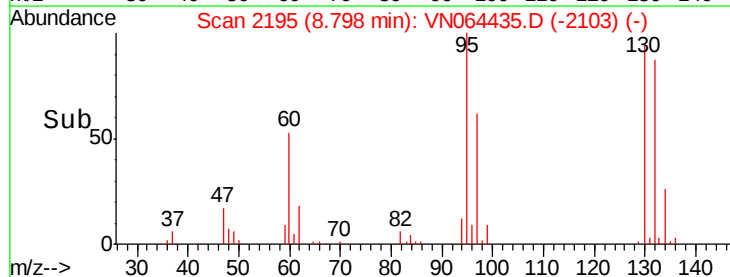
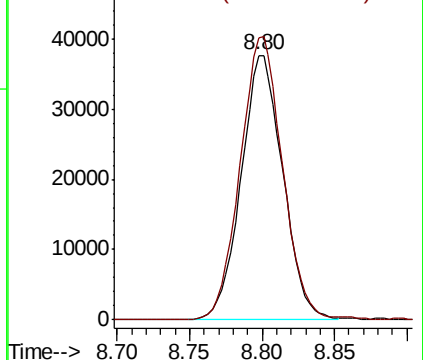
#44

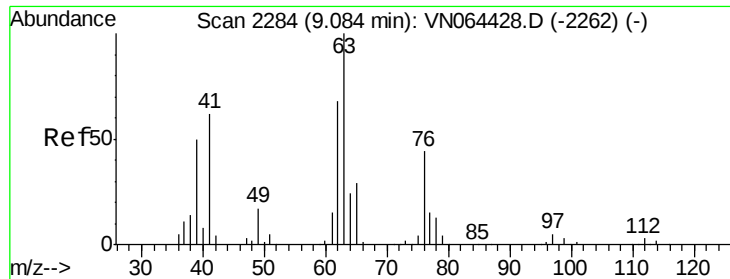
Trichloroethene
 Concen: 17.818 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion:130 Resp: 75337
 Ion Ratio Lower Upper
 130 100
 95 106.5 0.0 216.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VN0

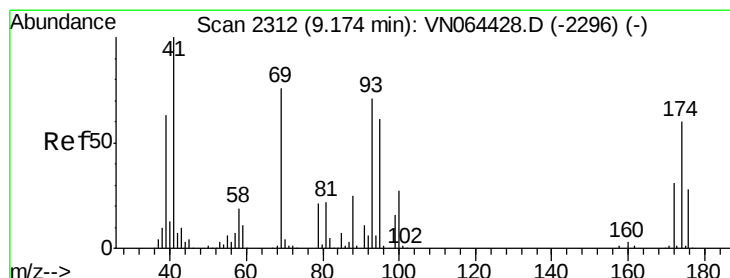
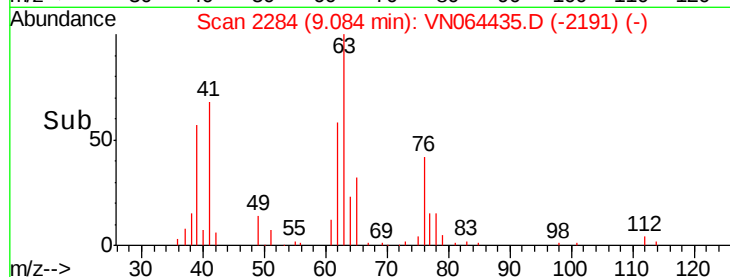
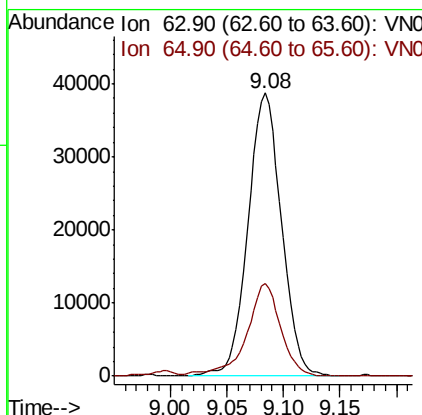
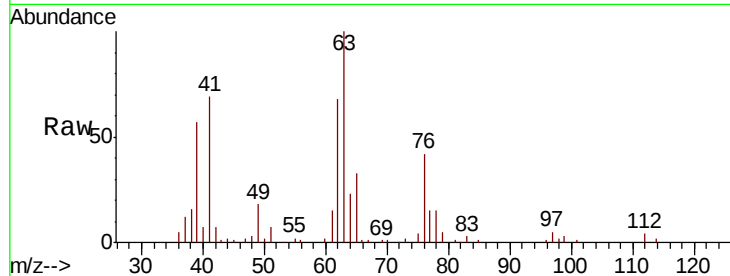




#45
 1,2-Dichloropropane
 Concen: 17.881 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

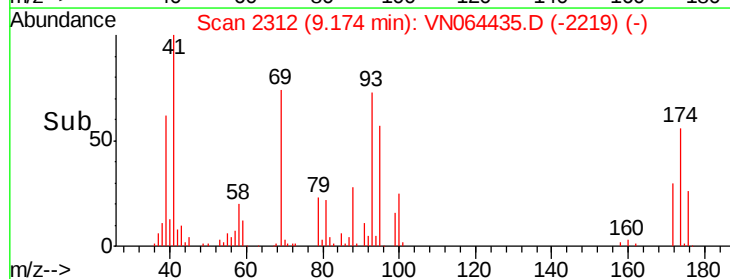
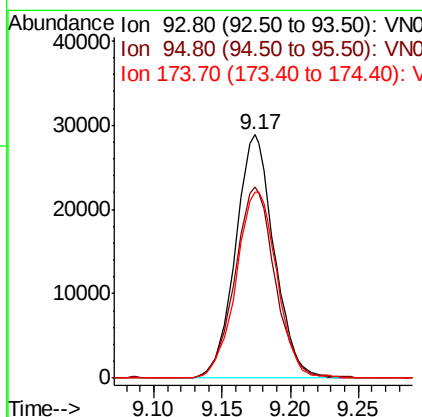
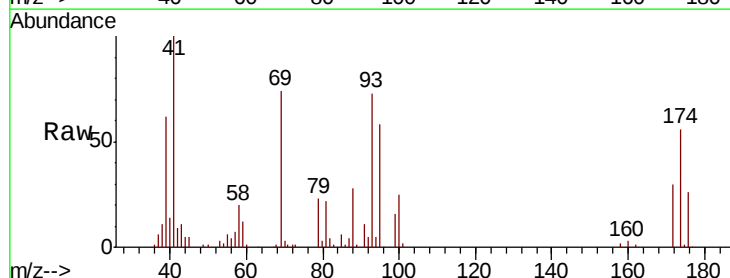
Instrument :
 MSVOA_N
 ClientSampled :

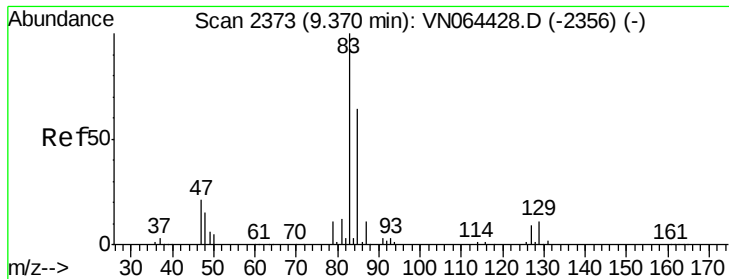
Tot Ion: 63 Resp: 79957
 Ion Ratio Lower Upper
 63 100
 65 32.7 23.6 35.4



#46
 Dibromomethane
 Concen: 19.239 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 93 Resp: 56631
 Ion Ratio Lower Upper
 93 100
 95 81.2 66.4 99.6
 174 80.8 67.2 100.8





#47

Bromodichloromethane

Concen: 18.033 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampleId :

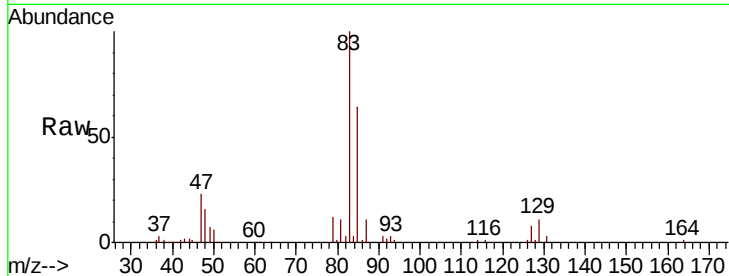
Tot Ion: 83 Resp: 114138

Ion Ratio Lower Upper

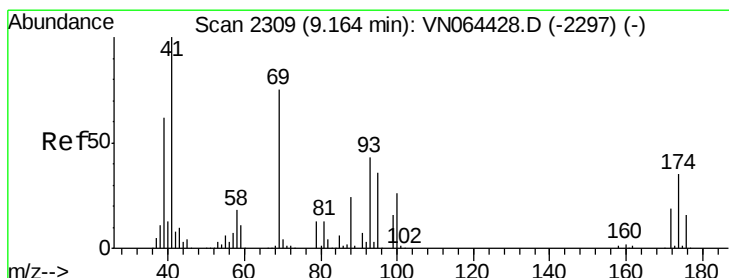
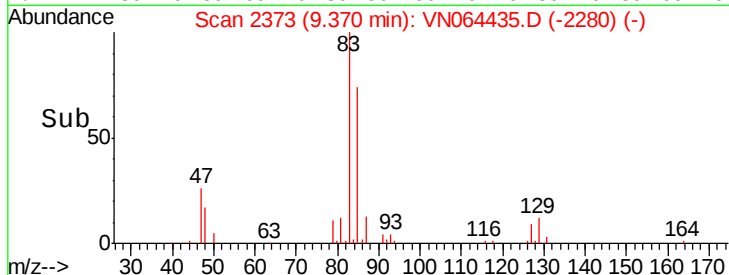
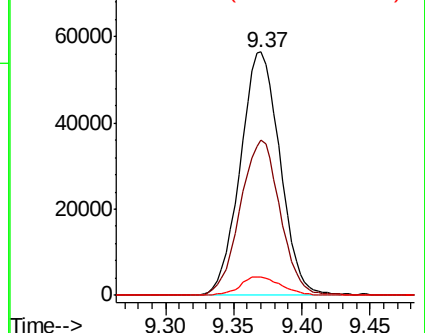
83 100

85 63.6 51.2 76.8

127 7.8 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 18.817 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

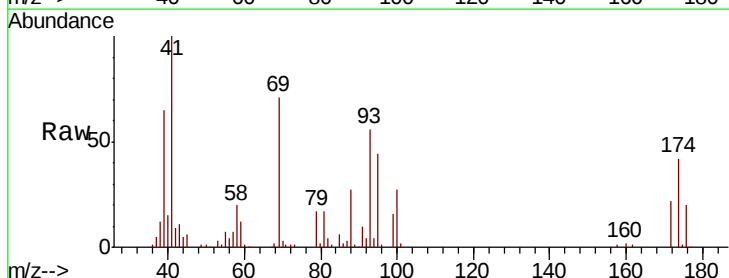
Tgt Ion: 41 Resp: 87754

Ion Ratio Lower Upper

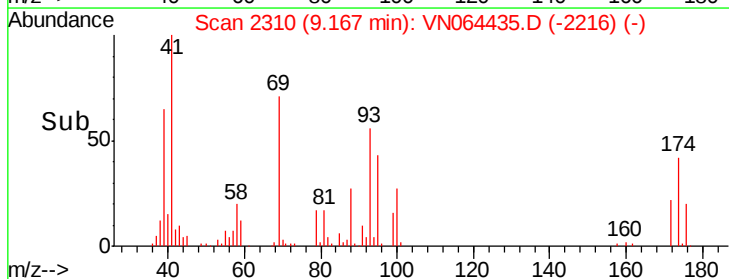
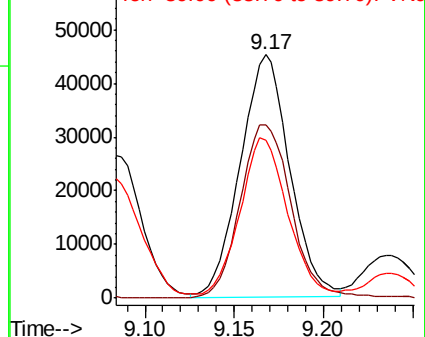
41 100

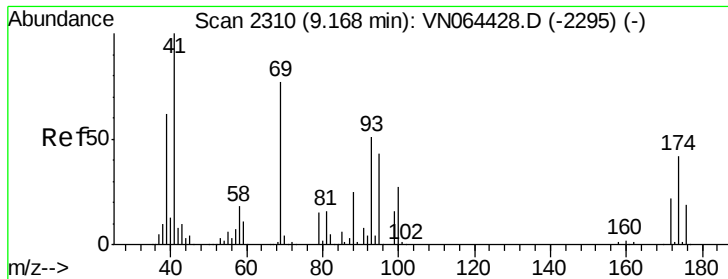
69 73.7 60.4 90.6

39 63.7 51.2 76.8



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





#49

1,4-Dioxane

Concen: 419.441 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampled :

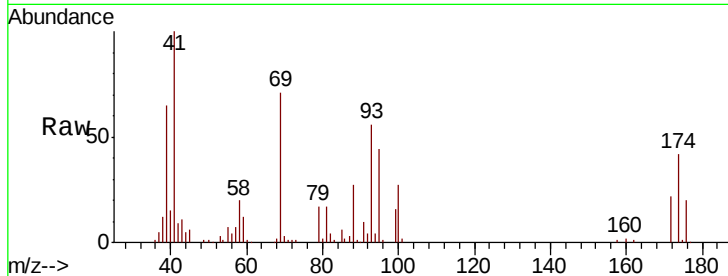
Tot Ion: 88 Resp: 25765

Ion Ratio Lower Upper

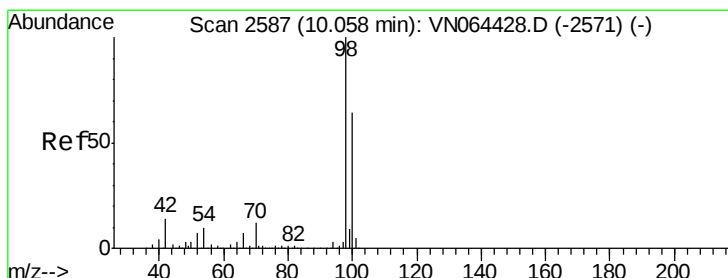
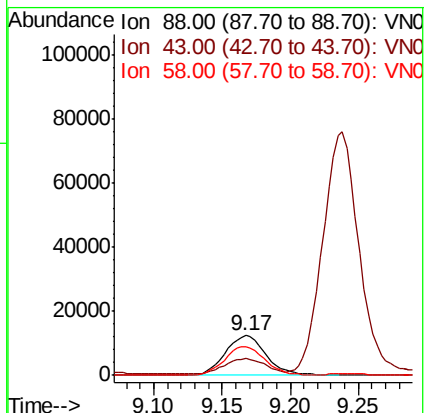
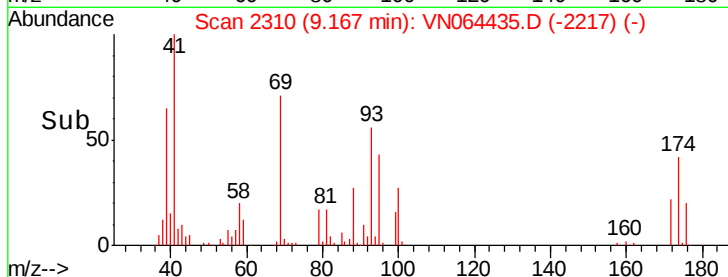
88 100

43 37.9 31.0 46.6

58 72.6 58.4 87.6



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



#50

Toluene-d8

Concen: 46.295 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064435.D

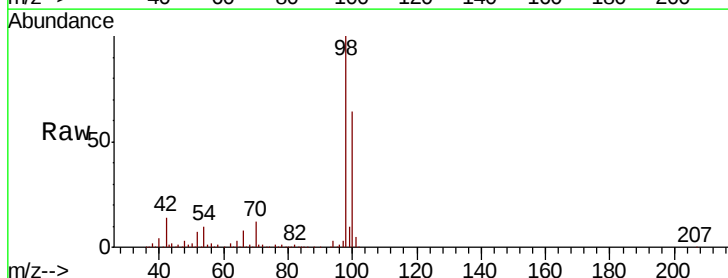
Acq: 4 Nov 2020 14:47

Tgt Ion: 98 Resp: 657676

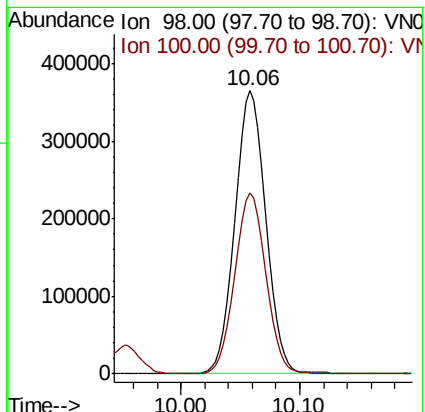
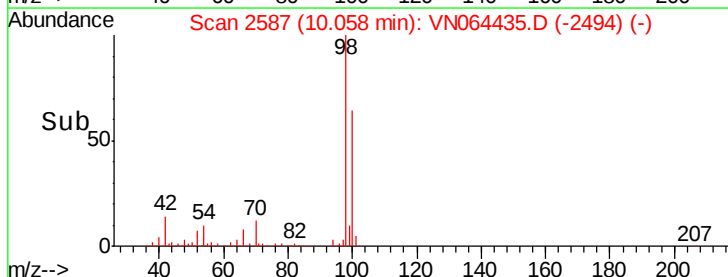
Ion Ratio Lower Upper

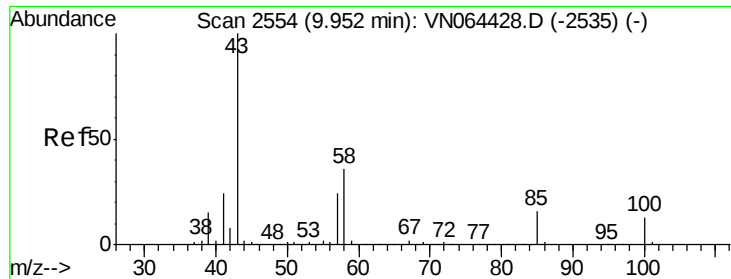
98 100

100 64.2 50.7 76.1



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





#51

4-Methyl-2-Pentanone

Concen: 98.614 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

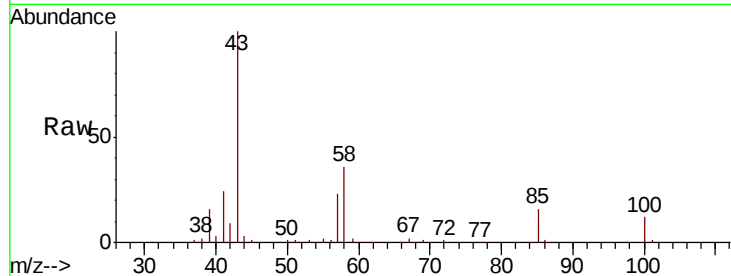
ClientSampled :

Tot Ion: 43 Resp: 531513

Ion Ratio Lower Upper

43 100

58 35.9 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

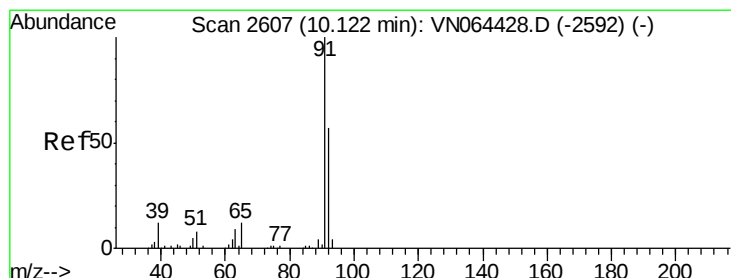
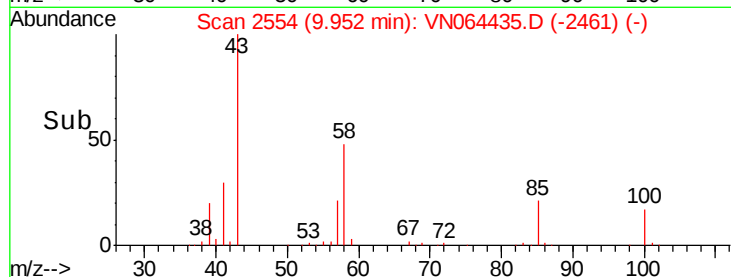
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 18.280 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064435.D

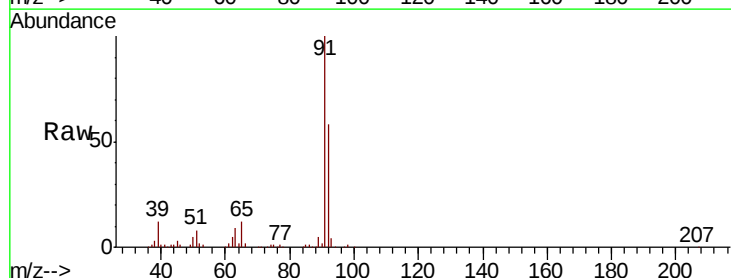
Acq: 4 Nov 2020 14:47

Tgt Ion: 92 Resp: 186839

Ion Ratio Lower Upper

92 100

91 172.4 139.6 209.4



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

200000

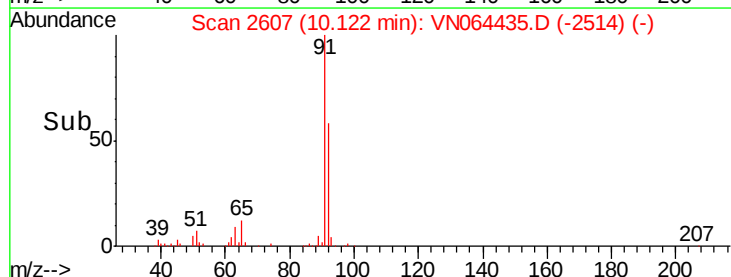
150000

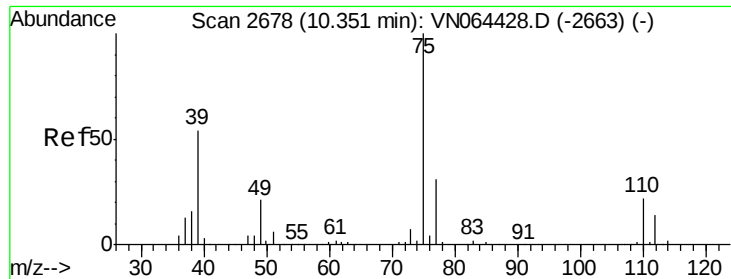
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.197 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

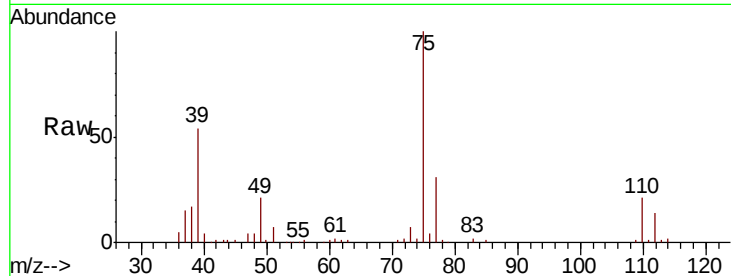
ClientSampleId :

Tot Ion: 75 Resp: 122102

Ion Ratio Lower Upper

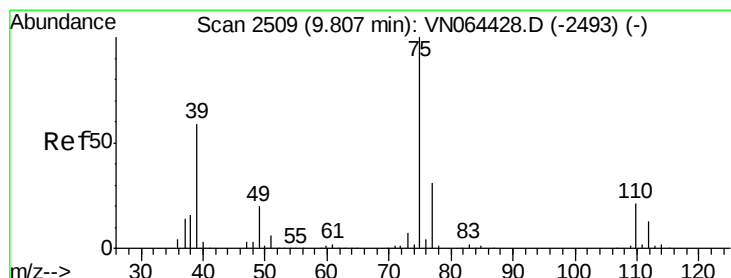
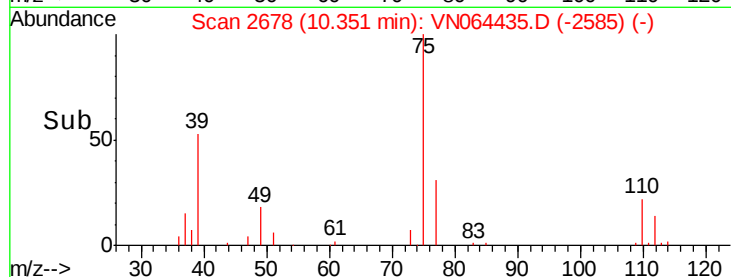
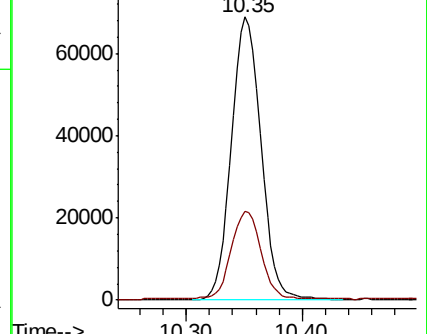
75 100

77 30.7 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 17.550 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

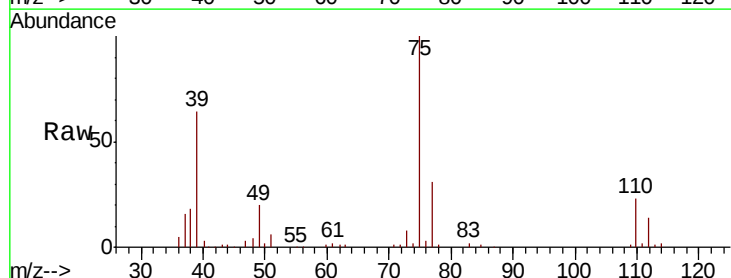
Tgt Ion: 75 Resp: 125910

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

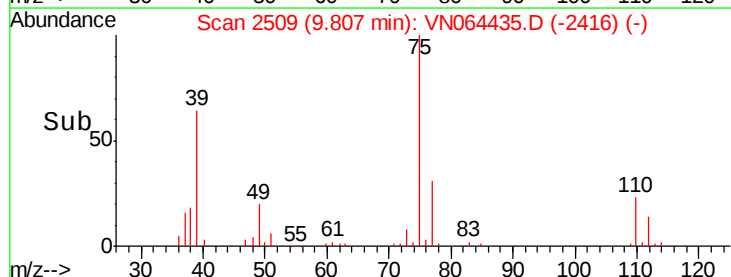
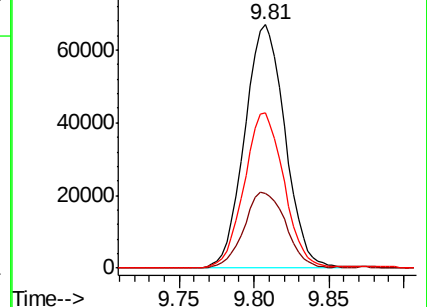
39 63.2 47.1 70.7

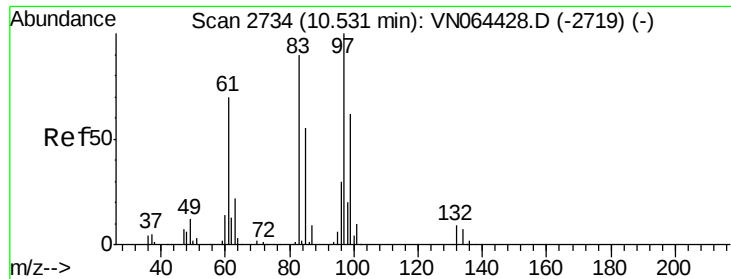


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

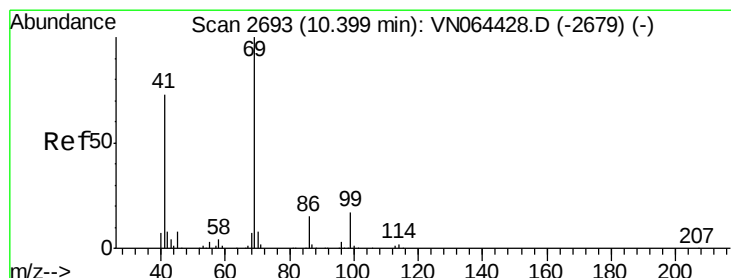
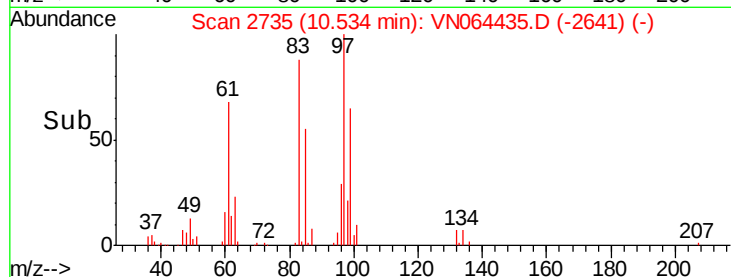
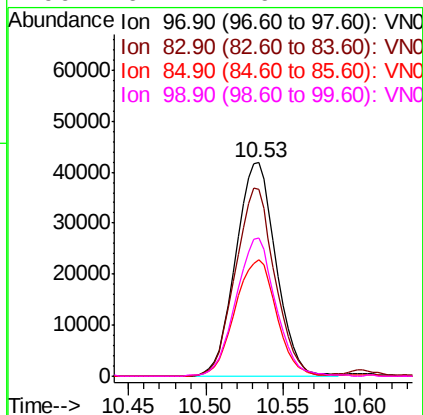
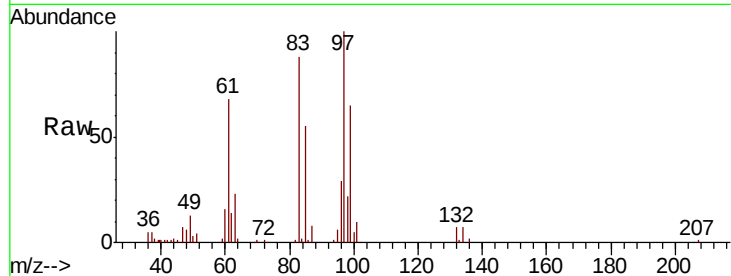




#55
 1,1,2-Trichloroethane
 Concen: 19.002 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

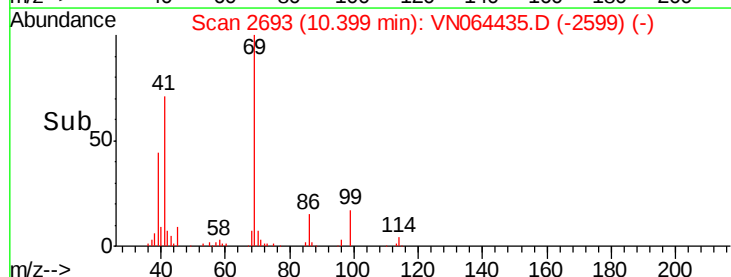
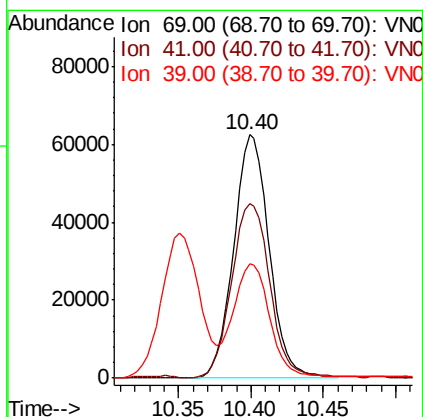
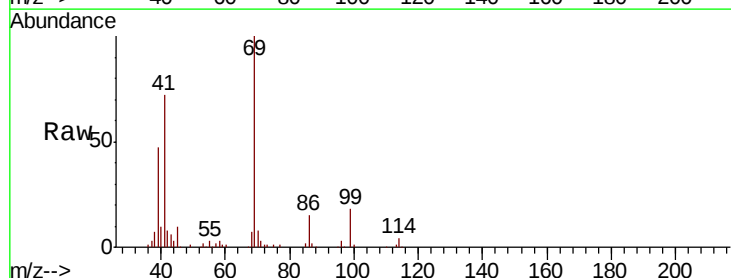
Instrument :
 MSVOA_N
 ClientSampleId :

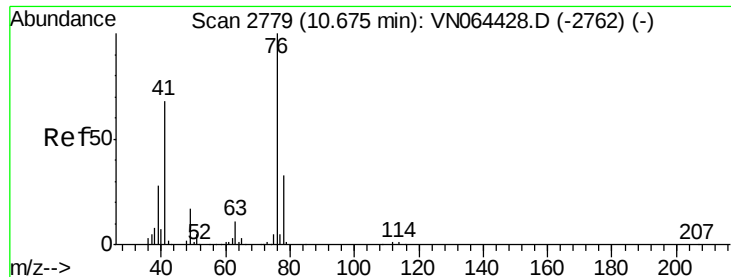
Tot Ion: 97 Resp: 75745
 Ion Ratio Lower Upper
 97 100
 83 87.8 71.7 107.5
 85 54.6 44.3 66.5
 99 64.4 49.4 74.2



#56
 Ethyl methacrylate
 Concen: 17.441 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 69 Resp: 106226
 Ion Ratio Lower Upper
 69 100
 41 76.8 59.3 88.9
 39 47.8 35.4 53.0





#57

1,3-Dichloropropane

Concen: 18.822 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

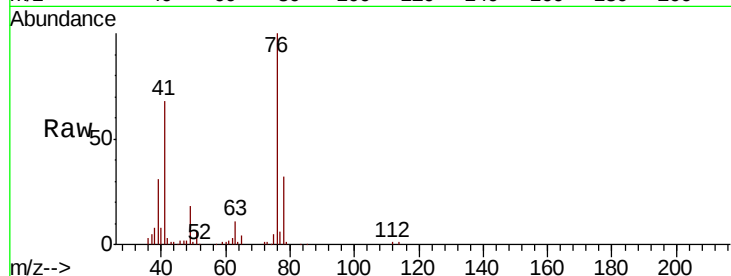
ClientSampled :

Tot Ion: 76 Resp: 130957

Ion Ratio Lower Upper

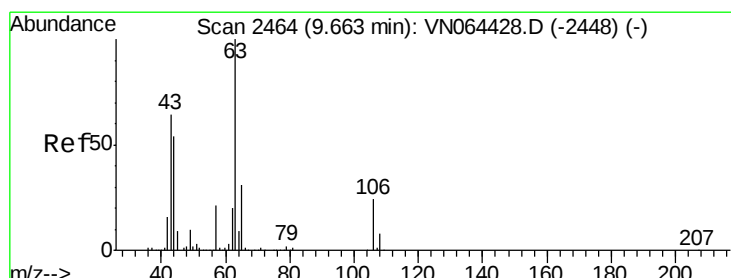
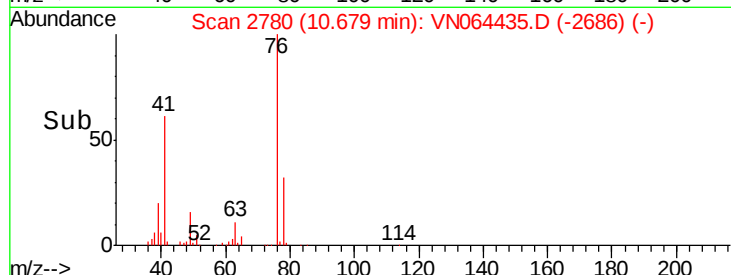
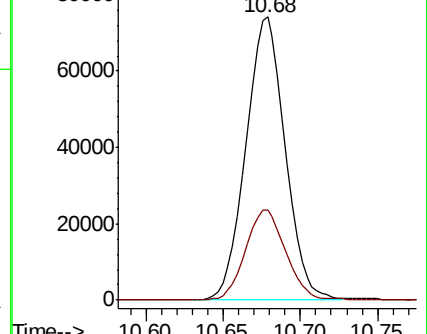
76 100

78 32.9 25.8 38.6



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

Ion 77.90 (77.60 to 78.60): VN064428.D (-2762) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 104.486 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064435.D

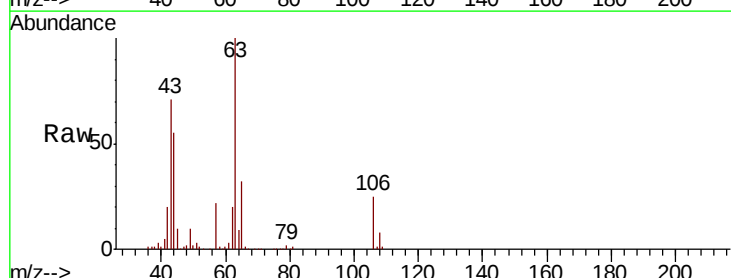
Acq: 4 Nov 2020 14:47

Tgt Ion: 63 Resp: 281292

Ion Ratio Lower Upper

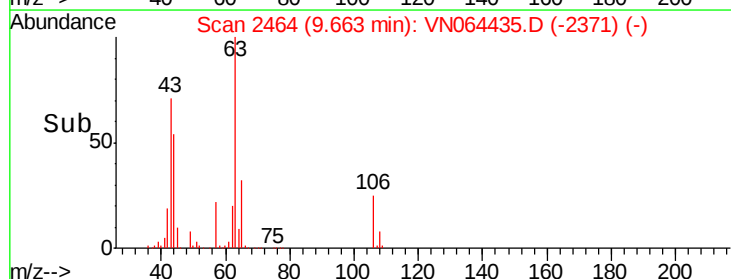
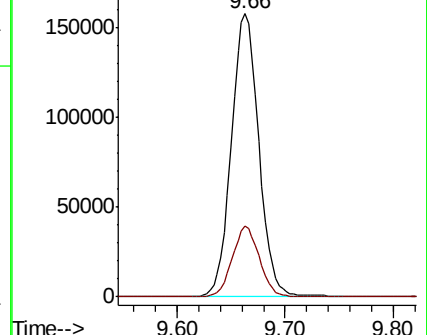
63 100

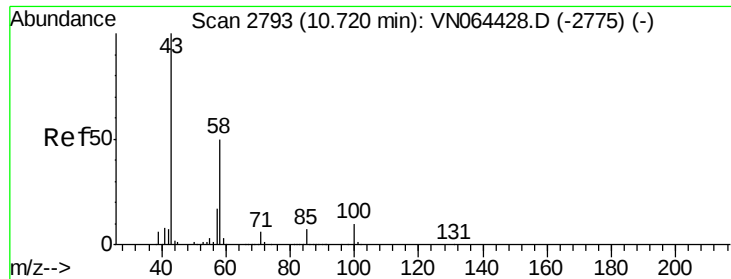
106 24.5 19.5 29.3



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

Ion 105.90 (105.60 to 106.60): VN064428.D (-2448) (-)

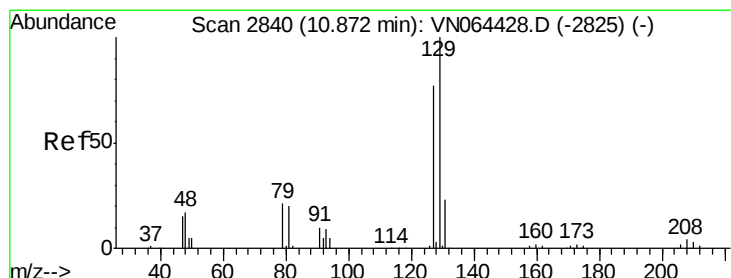
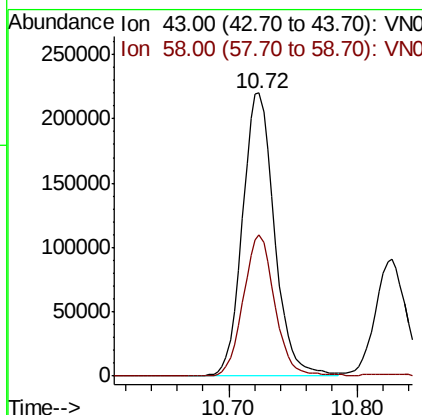
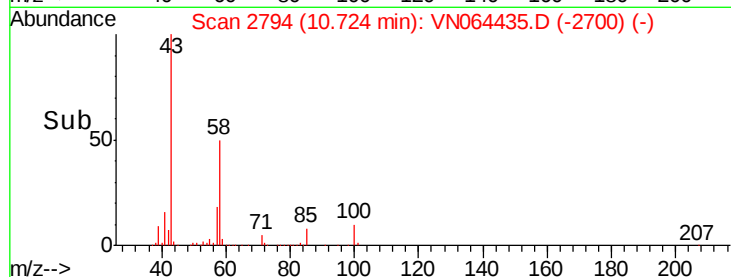
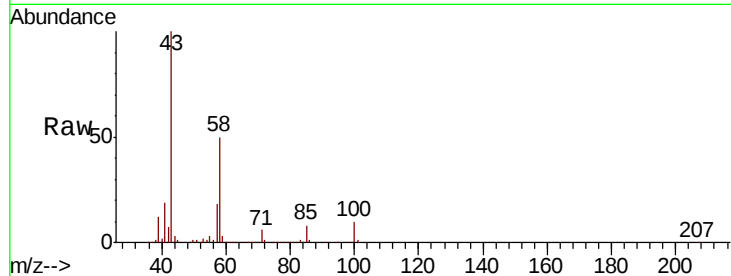




#59
2-Hexanone
Concen: 88.570 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

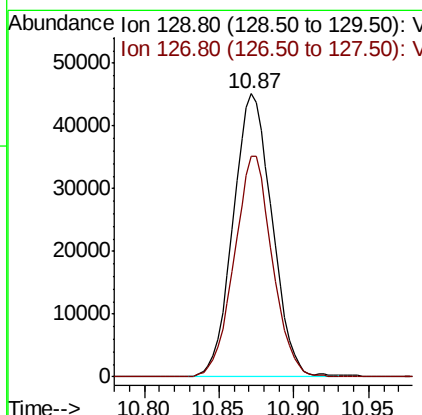
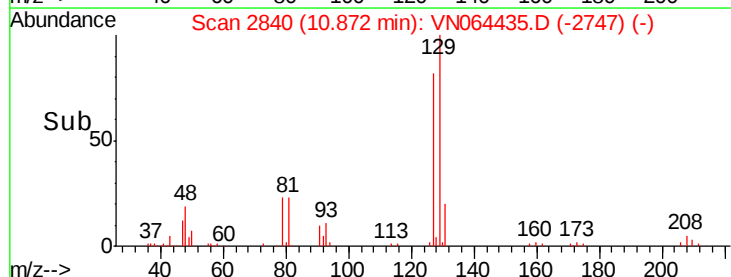
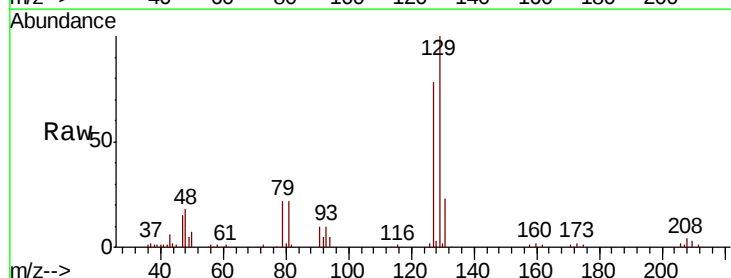
Instrument :
MSVOA_N
ClientSampled :

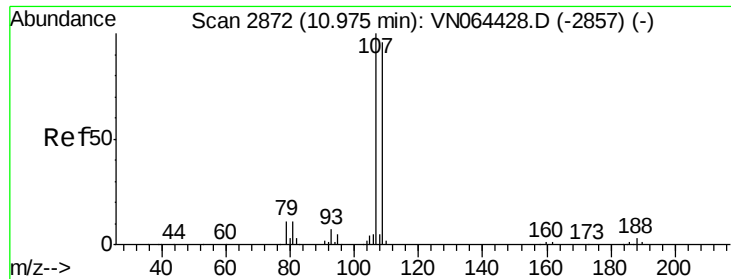
Tot Ion: 43 Resp: 377654
Ion Ratio Lower Upper
43 100
58 49.4 24.7 74.1



#60
Dibromochloromethane
Concen: 18.306 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 129 Resp: 81698
Ion Ratio Lower Upper
129 100
127 76.2 38.9 116.7

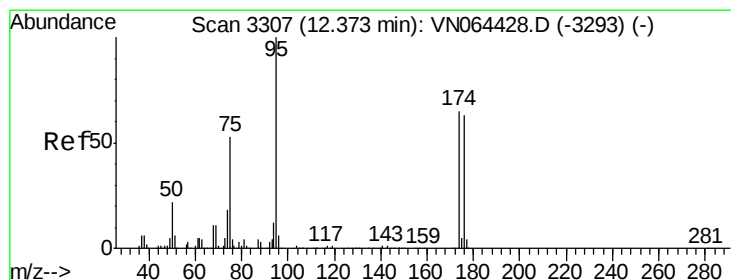
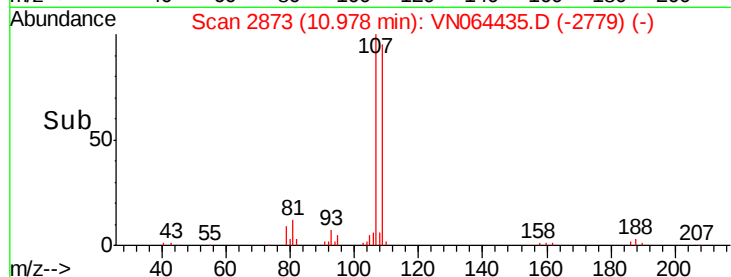
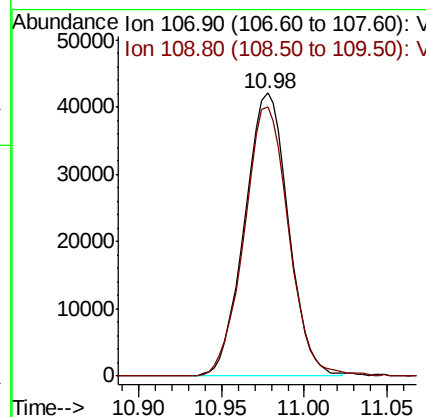
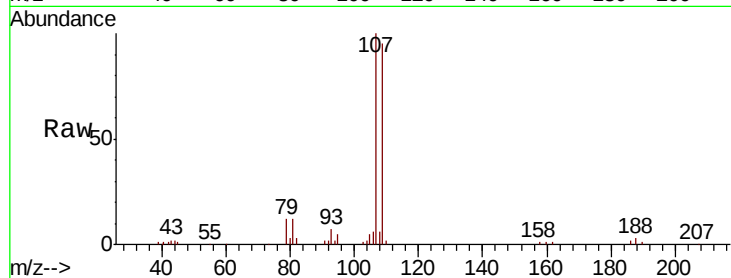




#61
 1,2-Dibromoethane
 Concen: 19.120 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

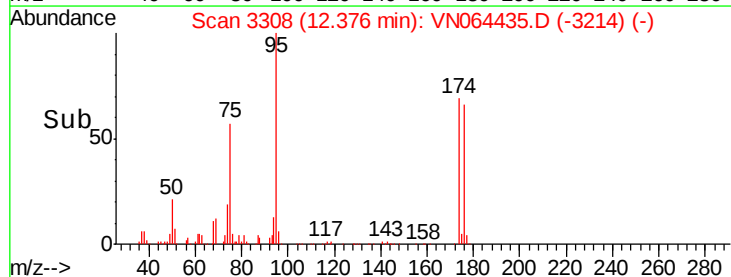
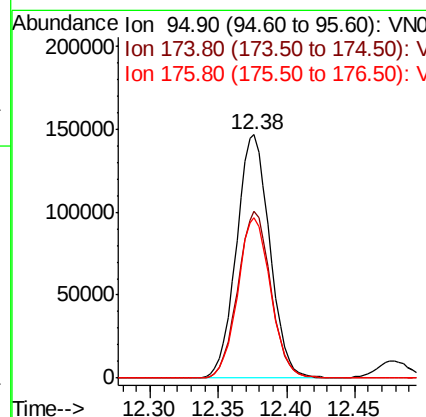
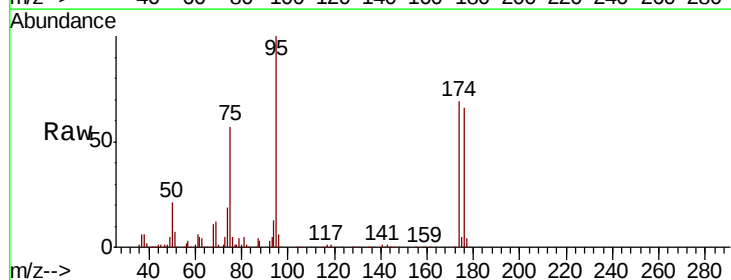
Instrument :
 MSVOA_N
 ClientSampled :

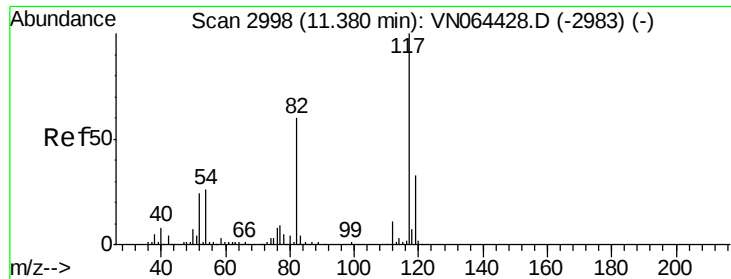
Tot Ion: 107 Resp: 77307
 Ion Ratio Lower Upper
 107 100
 109 97.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 46.356 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion: 95 Resp: 249050
 Ion Ratio Lower Upper
 95 100
 174 67.7 0.0 132.6
 176 65.3 0.0 129.2

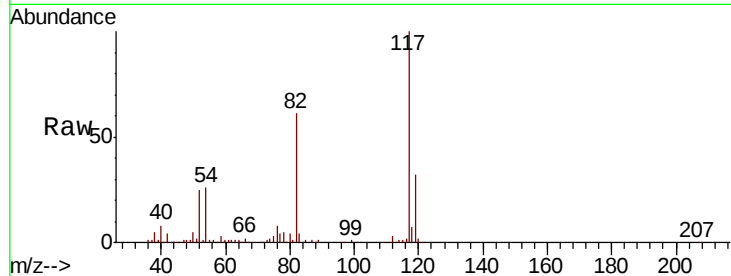




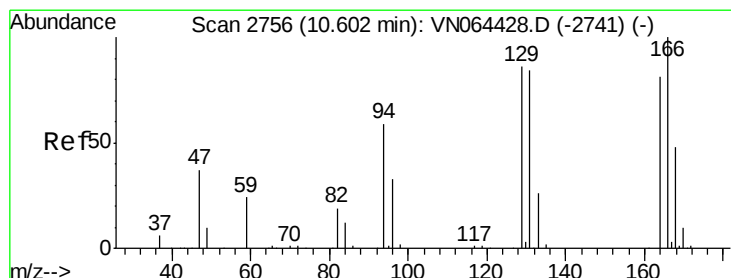
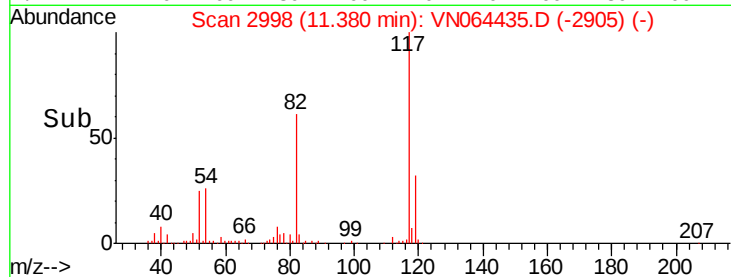
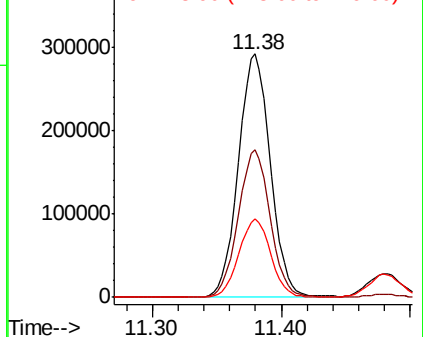
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 504266
Ion Ratio Lower Upper
117 100
82 60.5 48.1 72.1
119 32.1 26.2 39.4

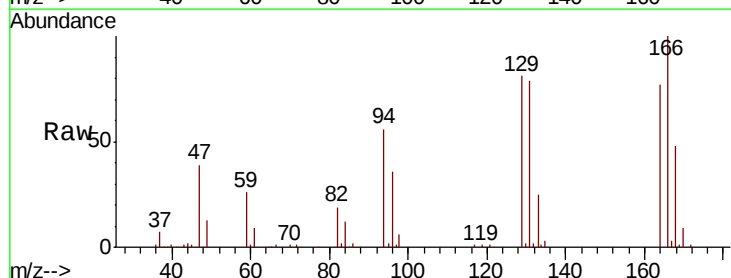


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

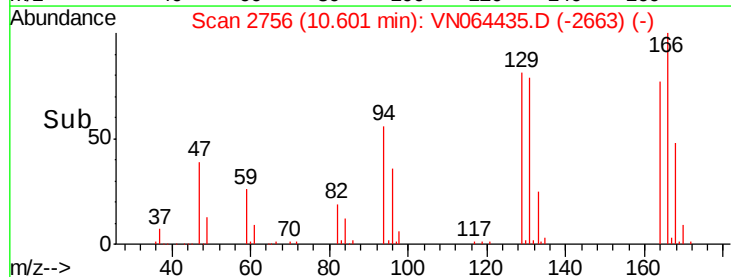
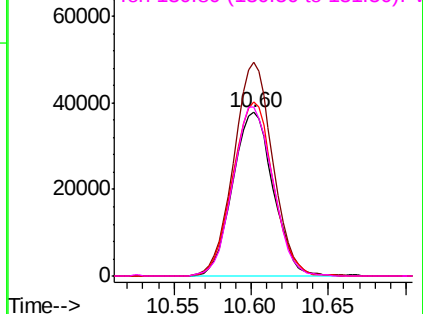


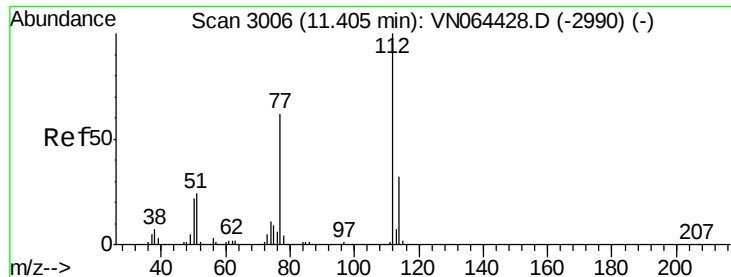
#64
Tetrachloroethene
Concen: 17.647 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion:164 Resp: 68547
Ion Ratio Lower Upper
164 100
166 130.4 98.2 147.2
129 106.1 84.6 127.0
131 103.4 82.2 123.2



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

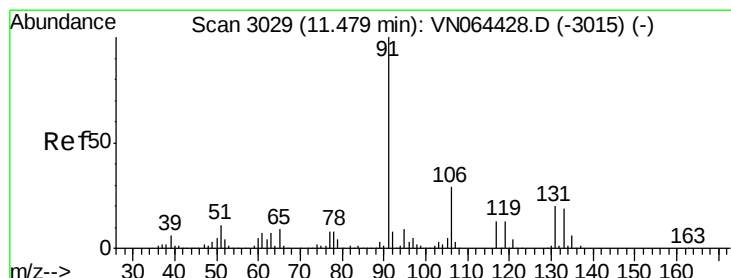
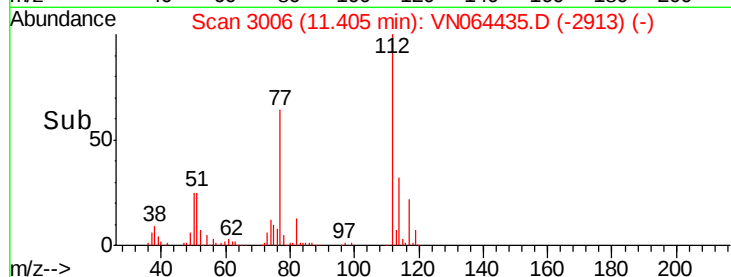
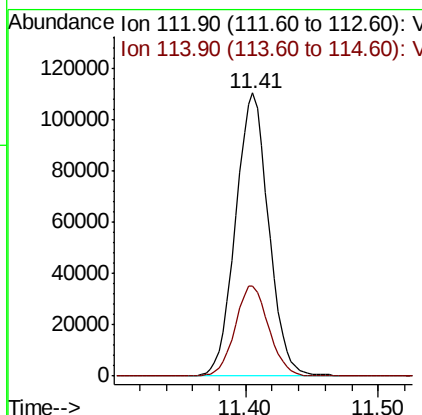
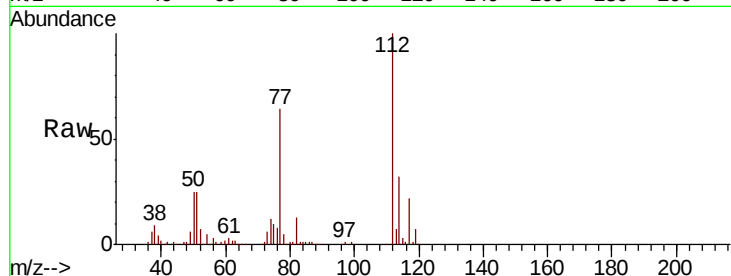




#65
Chlorobenzene
Concen: 17.296 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

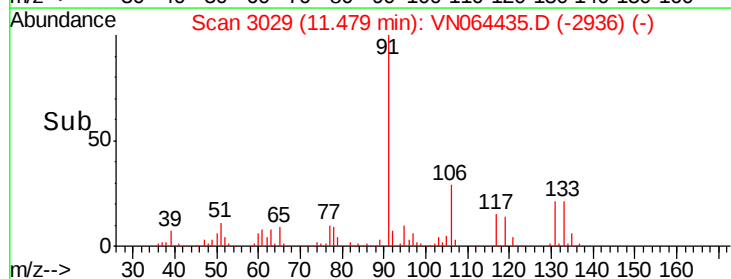
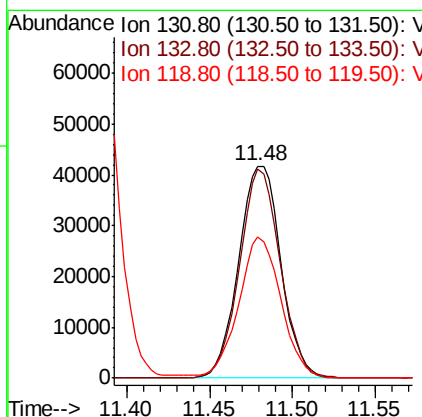
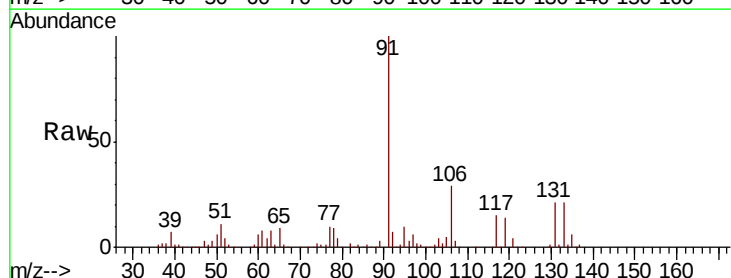
Instrument :
MSVOA_N
ClientSampled :

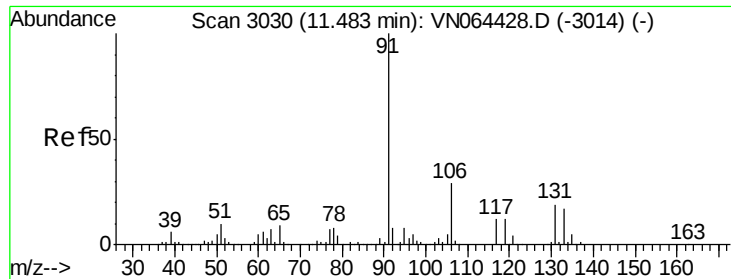
Tot Ion:112 Resp: 191205
Ion Ratio Lower Upper
112 100
114 32.0 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.925 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion:131 Resp: 73922
Ion Ratio Lower Upper
131 100
133 95.3 46.9 140.7
119 66.5 32.1 96.5

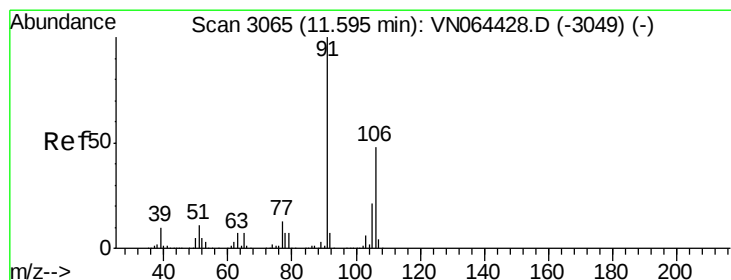
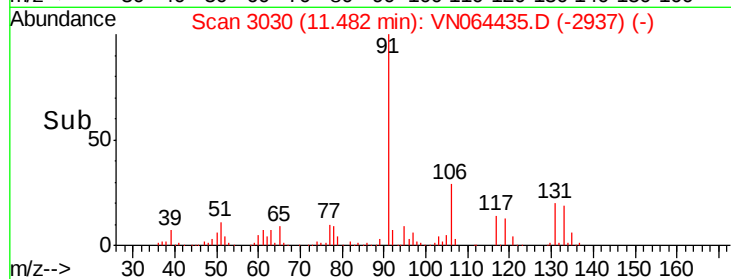
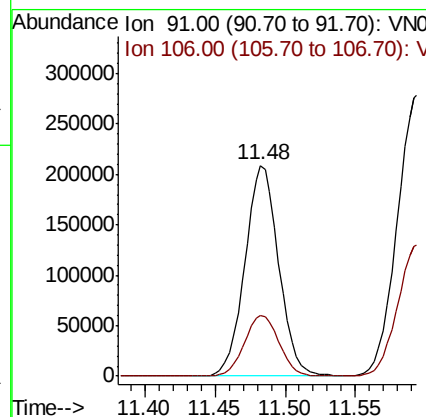
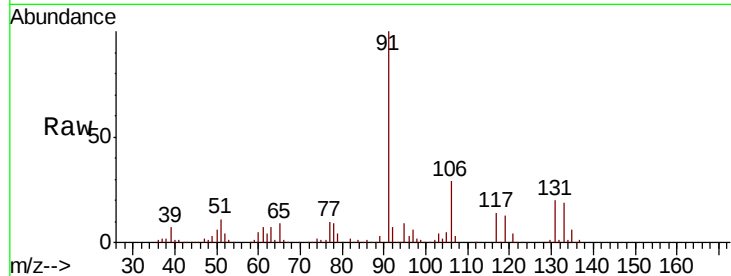




#67
Ethyl Benzene
Concen: 17.781 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

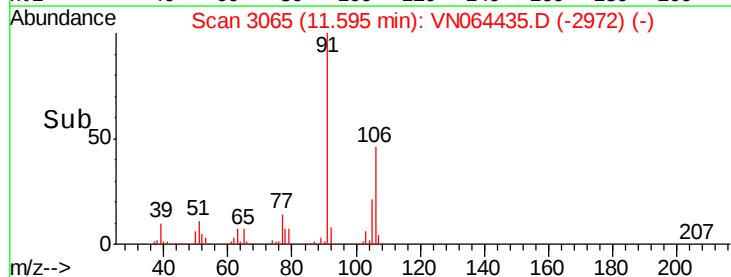
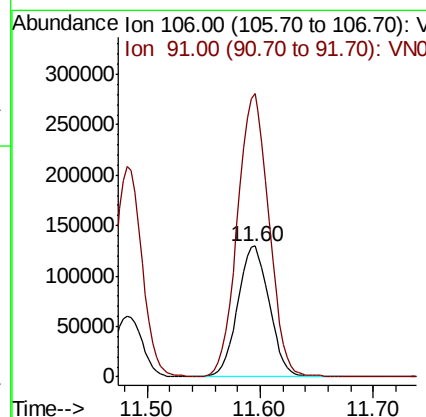
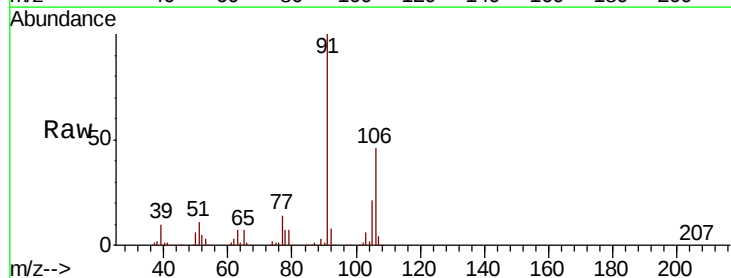
Instrument :
MSVOA_N
ClientSampled :

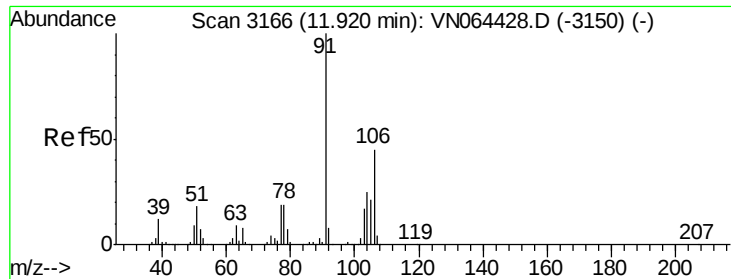
Tot Ion: 91 Resp: 349629
Ion Ratio Lower Upper
91 100
106 28.7 23.6 35.4



#68
m/p-Xylenes
Concen: 35.286 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion: 106 Resp: 251628
Ion Ratio Lower Upper
106 100
91 215.9 169.4 254.2

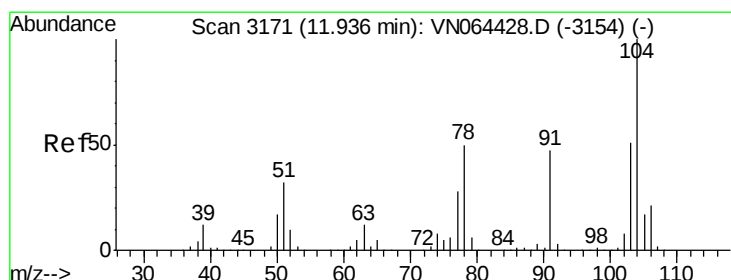
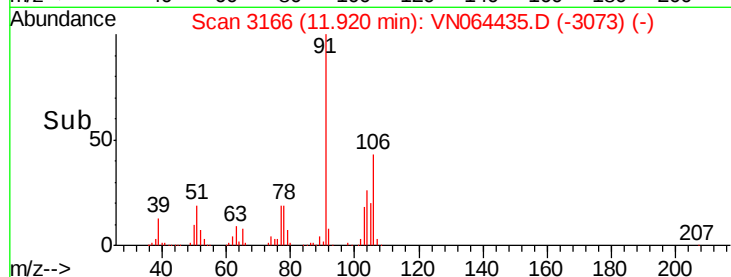
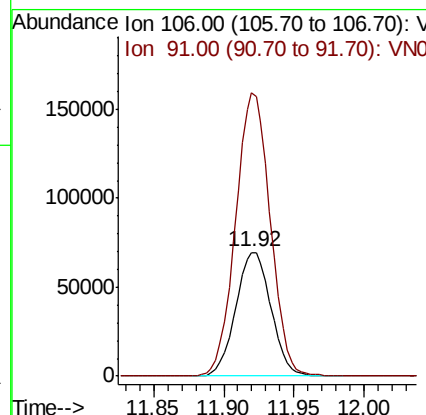
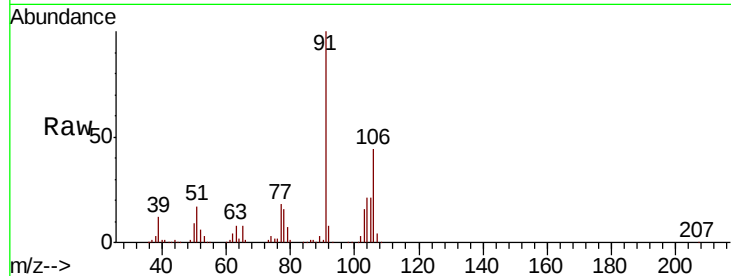




#69
o-Xylene
Concen: 17.674 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

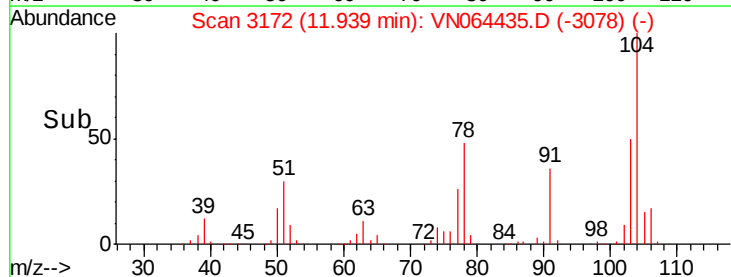
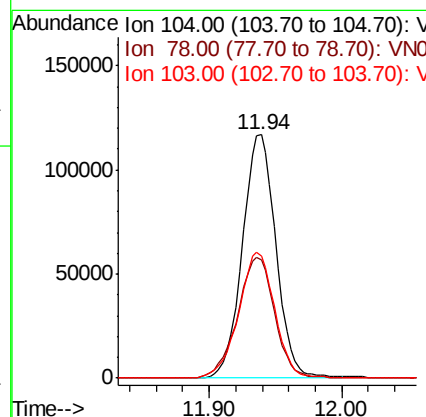
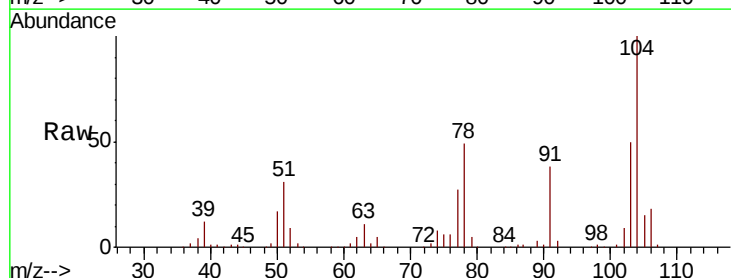
Instrument :
MSVOA_N
ClientSampled :

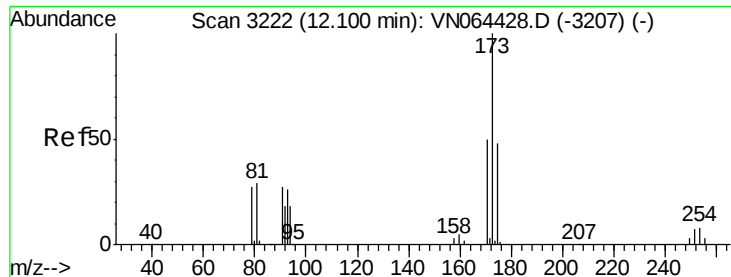
Tot Ion:106 Resp: 121791
Ion Ratio Lower Upper
106 100
91 225.5 111.7 334.9



#70
Styrene
Concen: 17.683 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion:104 Resp: 205043
Ion Ratio Lower Upper
104 100
78 54.9 44.0 66.0
103 55.8 43.8 65.6





#71

Bromoform

Concen: 17.385 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

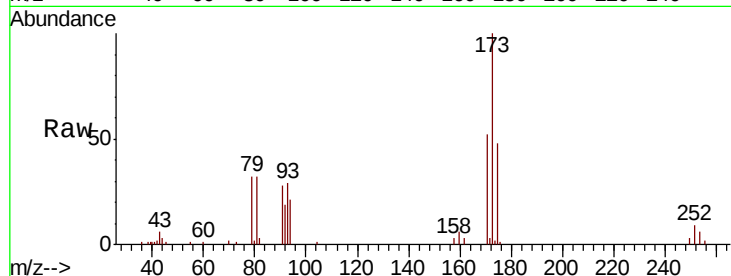
Tot Ion:173 Resp: 51192

Ion Ratio Lower Upper

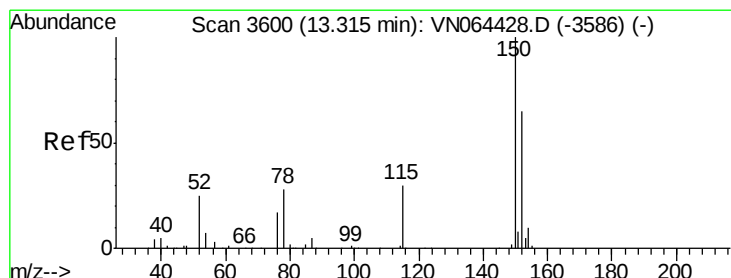
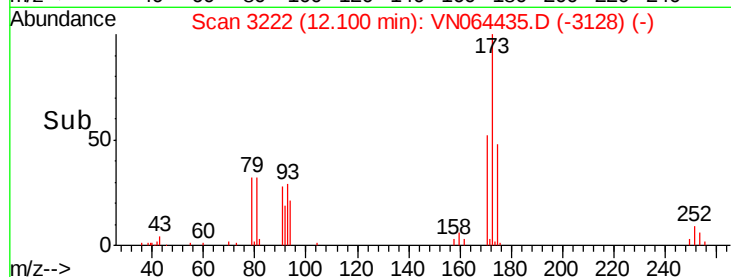
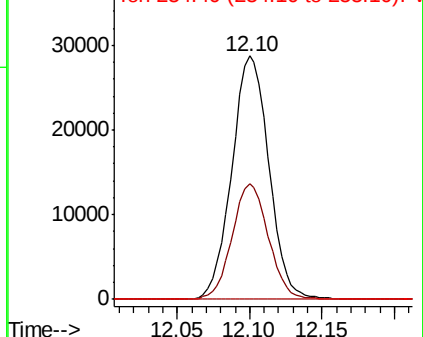
173 100

175 46.3 23.7 71.1

254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

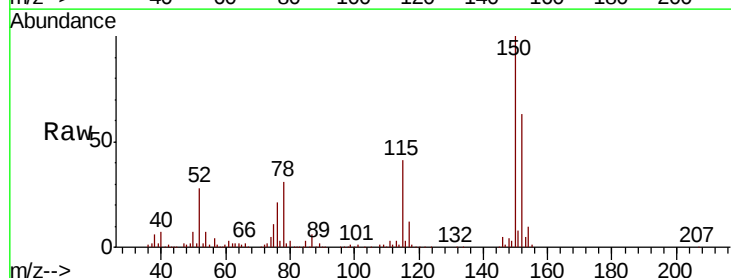
Tgt Ion:152 Resp: 221972

Ion Ratio Lower Upper

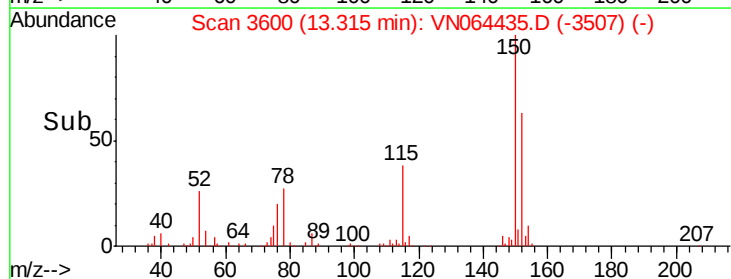
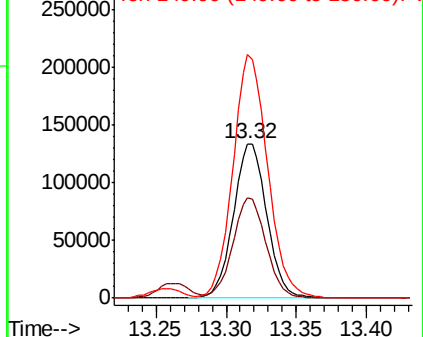
152 100

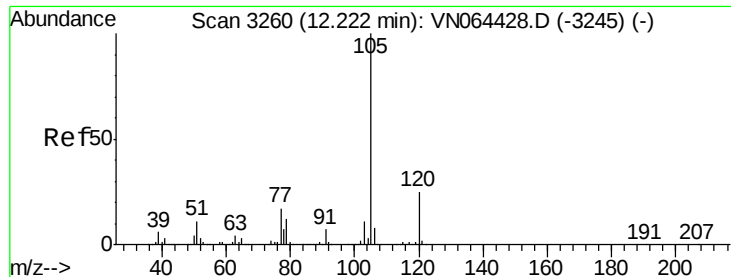
115 64.3 32.0 96.0

150 162.8 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: 17.768 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

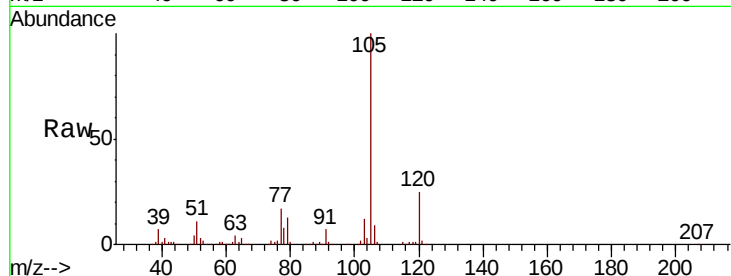
ClientSampleId :

Tot Ion:105 Resp: 313490

Ion Ratio Lower Upper

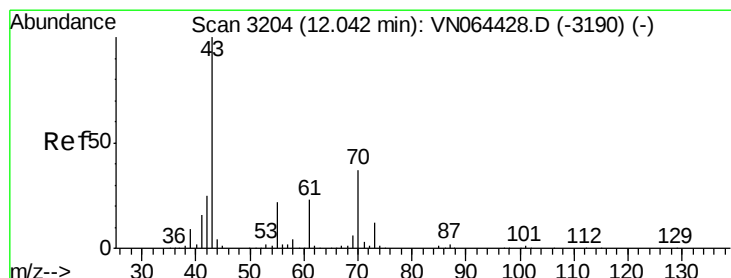
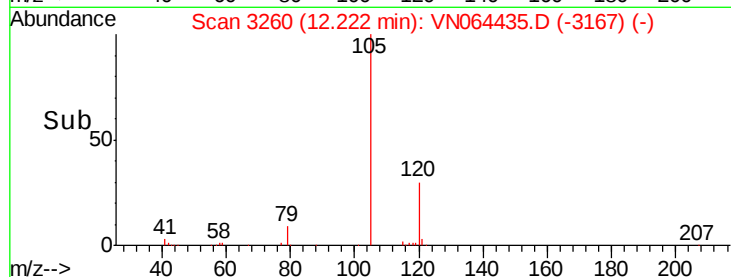
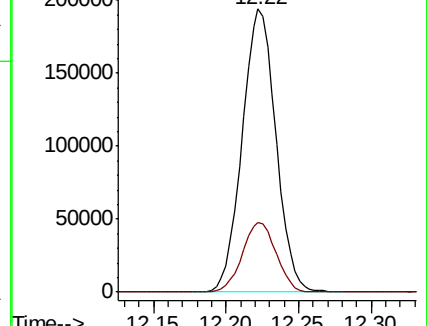
105 100

120 24.7 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: 17.919 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Tgt Ion: 43 Resp: 146497

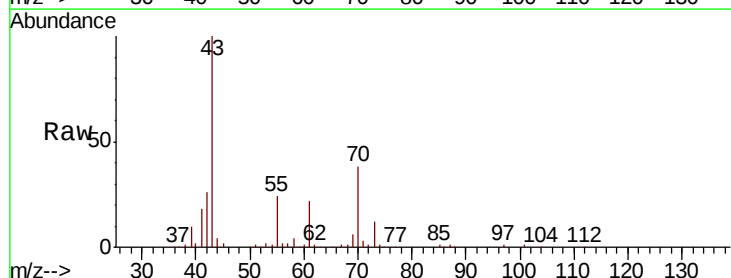
Ion Ratio Lower Upper

43 100

70 36.3 29.6 44.4

55 23.0 18.4 27.6

61 21.8 17.8 26.6

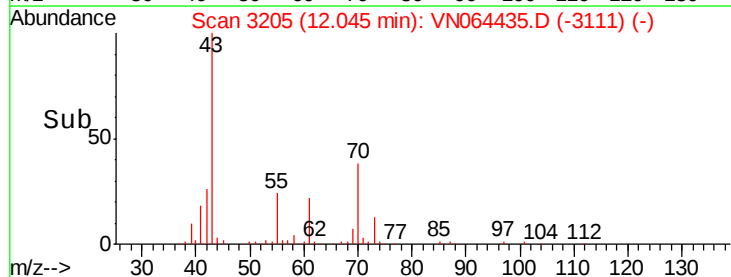
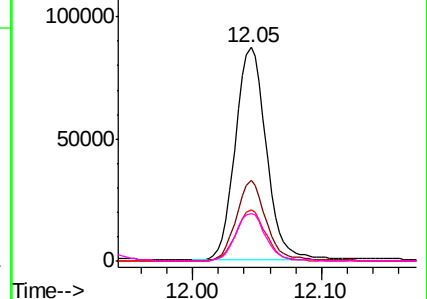


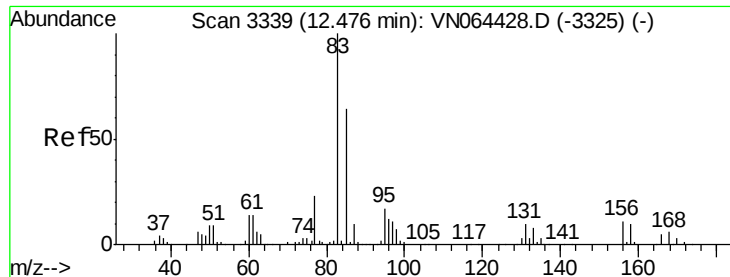
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.196 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampled :

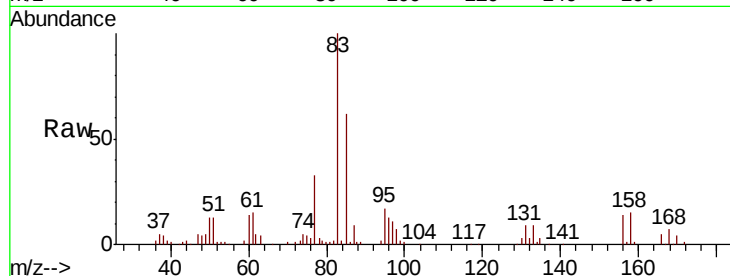
Tot Ion: 83 Resp: 104025

Ion Ratio Lower Upper

83 100

131 9.8 4.9 14.7

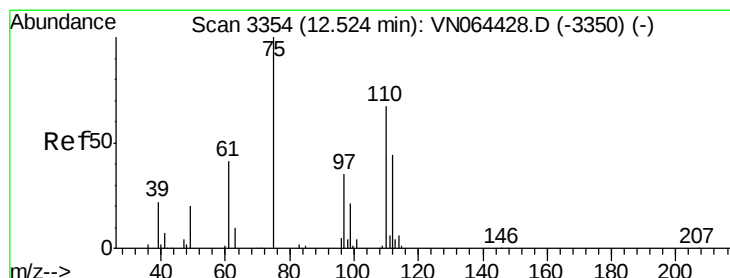
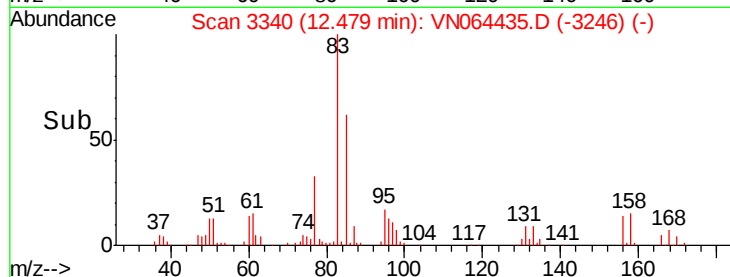
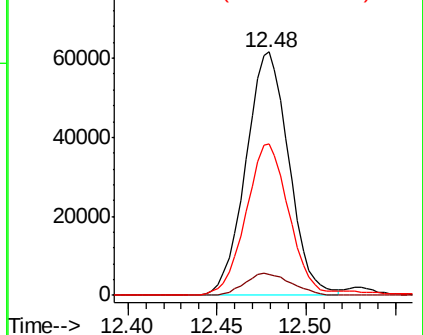
85 62.1 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN064435.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064435.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064435.D (-3246) (-)



#76

1,2,3-Trichloropropane

Concen: 26.502 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064435.D

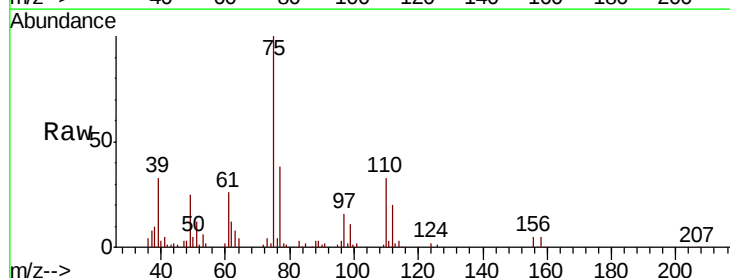
Acq: 4 Nov 2020 14:47

Tgt Ion: 75 Resp: 142532

Ion Ratio Lower Upper

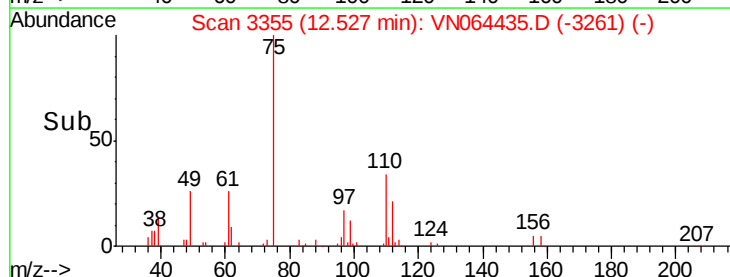
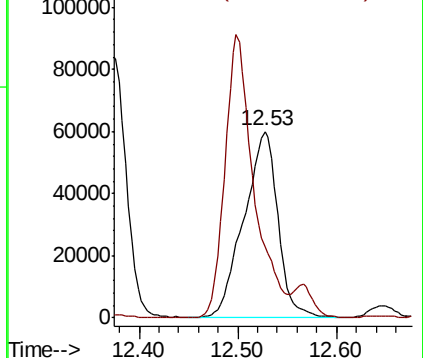
75 100

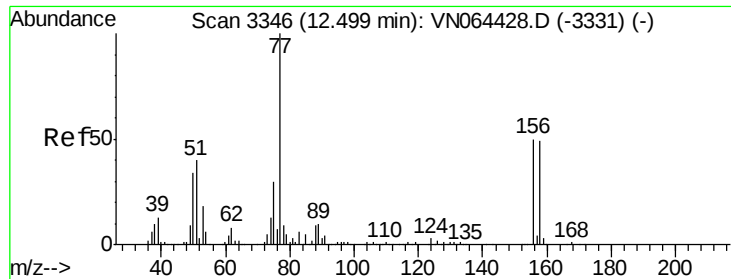
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064435.D (-3261) (-)

Ion 77.00 (76.70 to 77.70): VN064435.D (-3261) (-)





#77

Bromobenzene

Concen: 17.577 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampled :

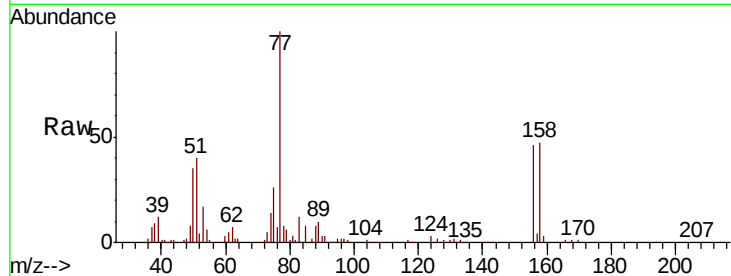
Tot Ion:156 Resp: 75710

Ion	Ratio	Lower	Upper
156	100		
77	247.9	119.0	357.0
158	99.5	48.4	145.3

156 100

77 247.9 119.0 357.0

158 99.5 48.4 145.3

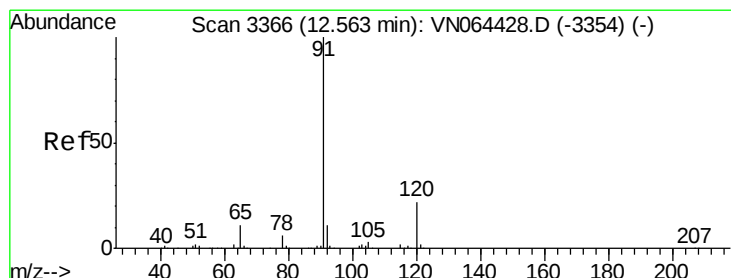
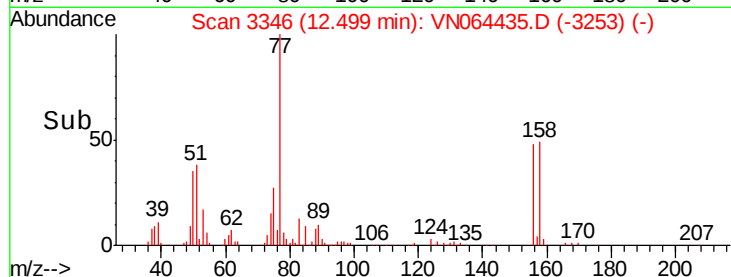
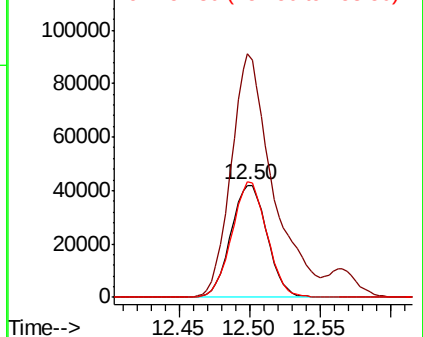


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.011 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064435.D

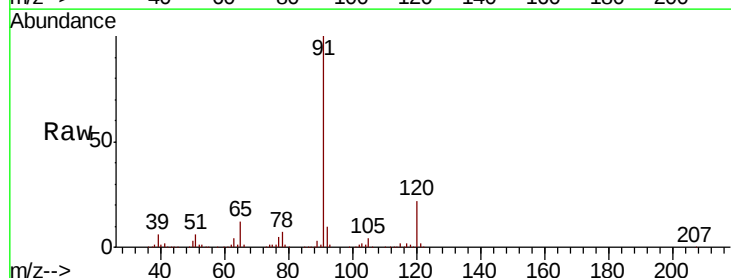
Acq: 4 Nov 2020 14:47

Tgt Ion: 91 Resp: 362286

Ion	Ratio	Lower	Upper
91	100		
120	21.9	11.0	33.0

91 100

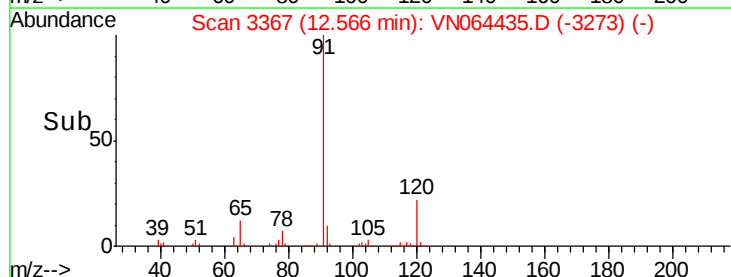
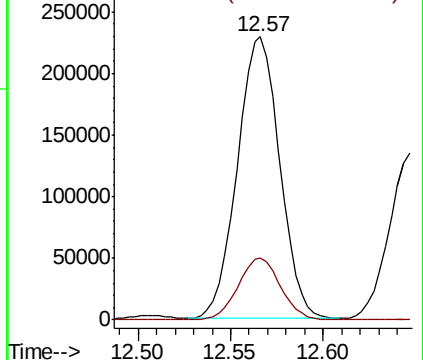
120 21.9 11.0 33.0

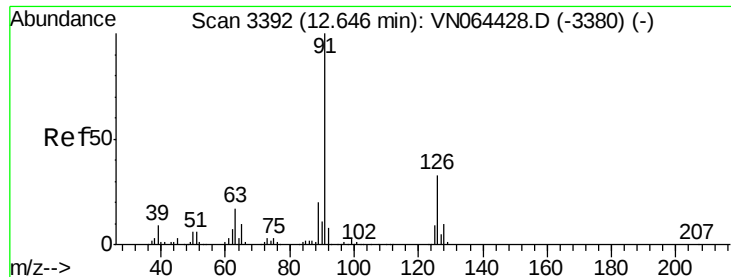


Abundance

Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.976 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

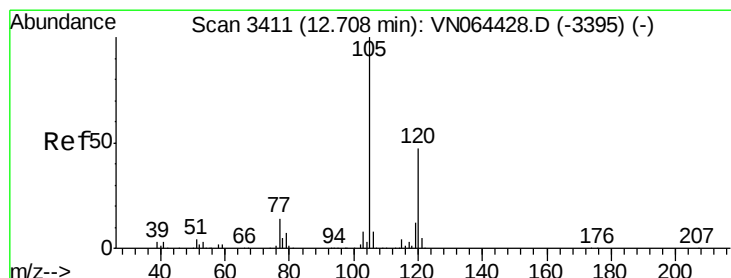
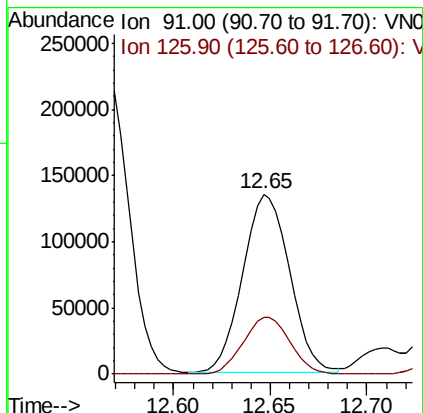
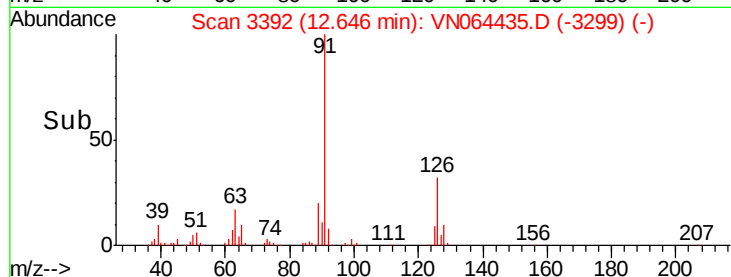
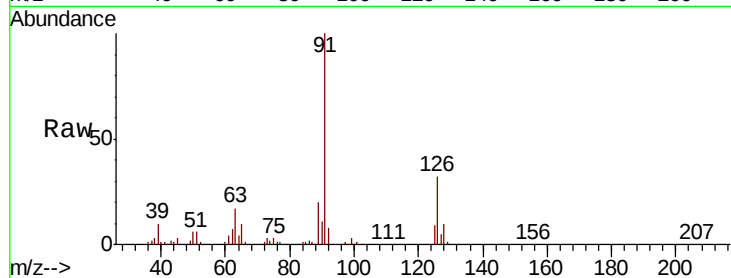
ClientSampleId :

Tot Ion: 91 Resp: 229326

Ion Ratio Lower Upper

91 100

126 31.8 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 18.056 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064435.D

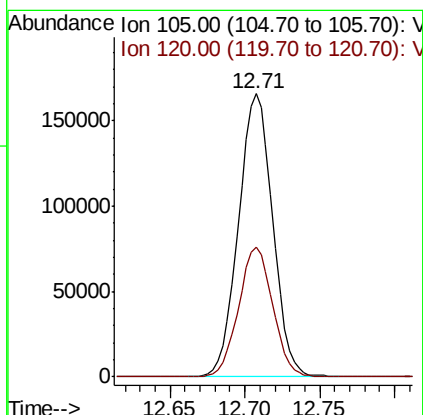
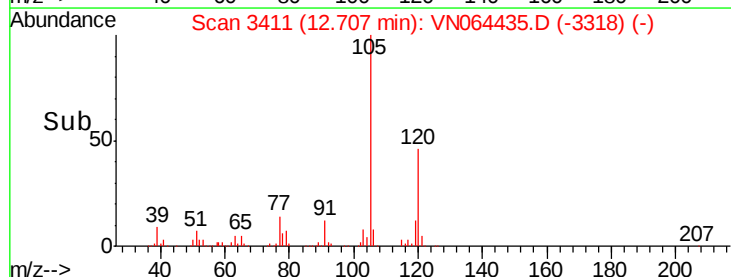
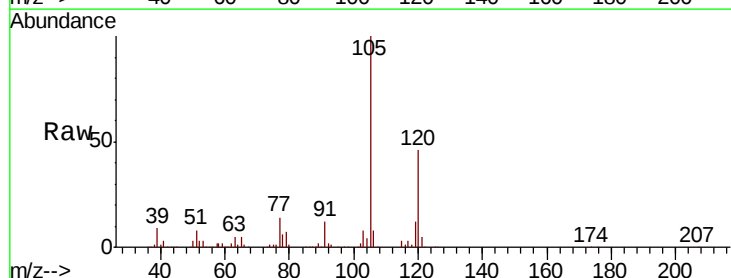
Acq: 4 Nov 2020 14:47

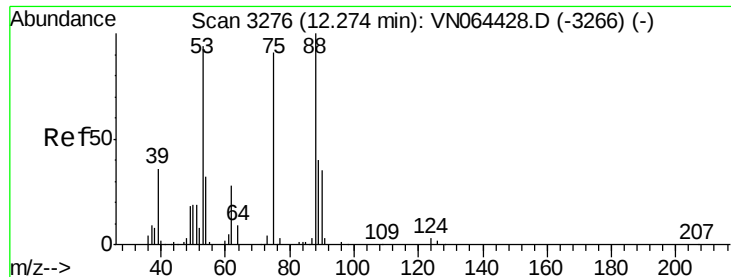
Tgt Ion:105 Resp: 262808

Ion Ratio Lower Upper

105 100

120 46.0 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 16.985 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

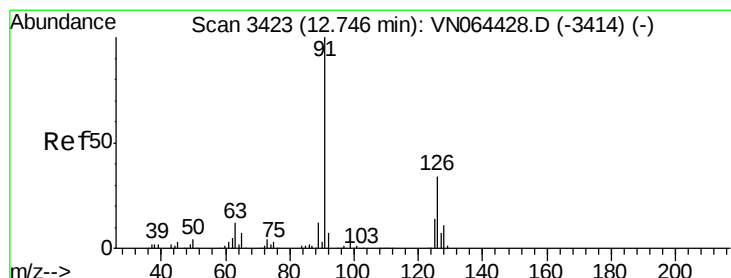
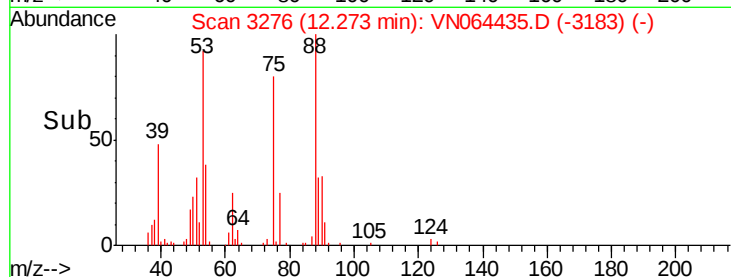
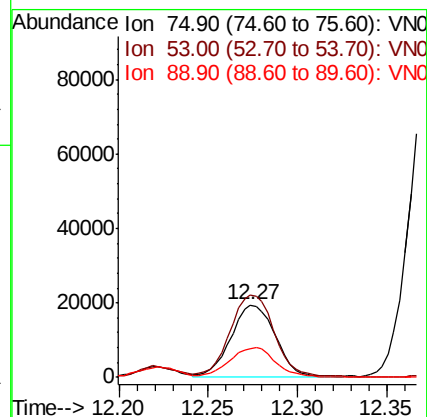
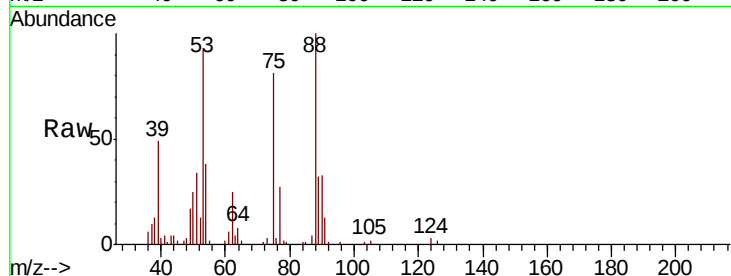
Tot Ion: 75 Resp: 32717

Ion Ratio Lower Upper

75 100

53 116.0 84.0 126.0

89 43.8 36.3 54.5



#82

4-Chlorotoluene

Concen: 18.153 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064435.D

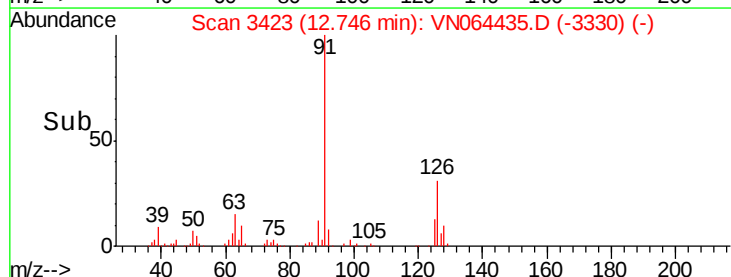
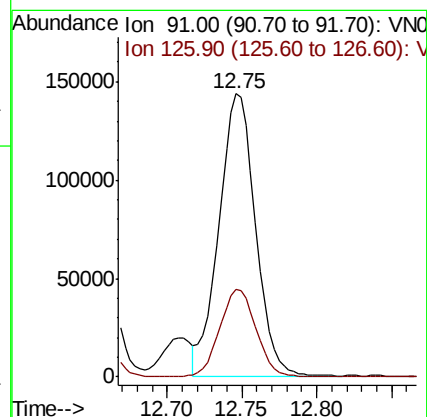
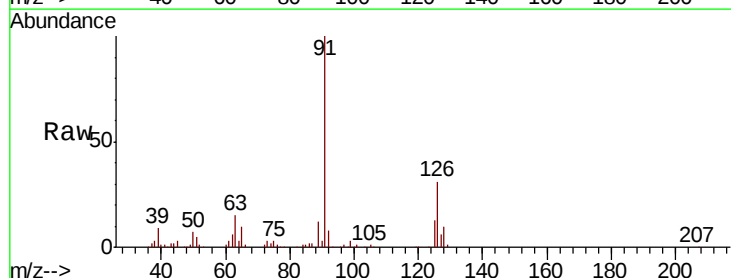
Acq: 4 Nov 2020 14:47

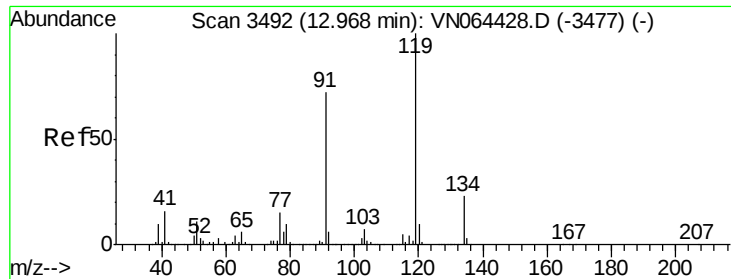
Tgt Ion: 91 Resp: 242536

Ion Ratio Lower Upper

91 100

126 31.0 15.4 46.2

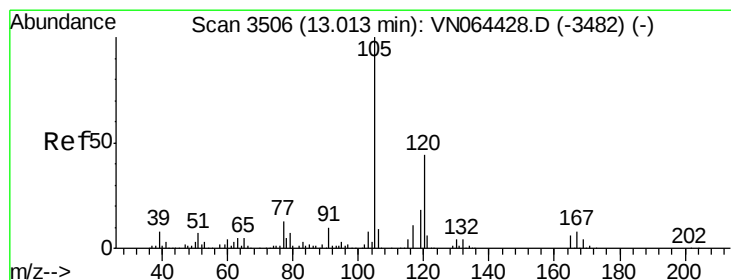
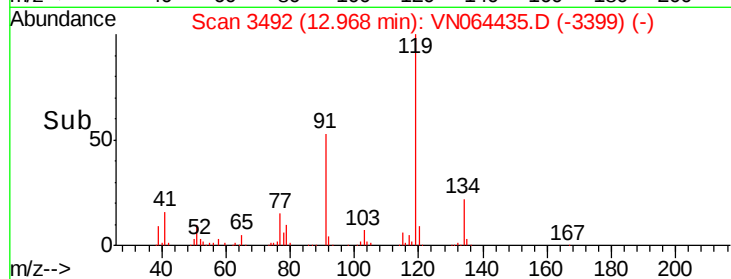
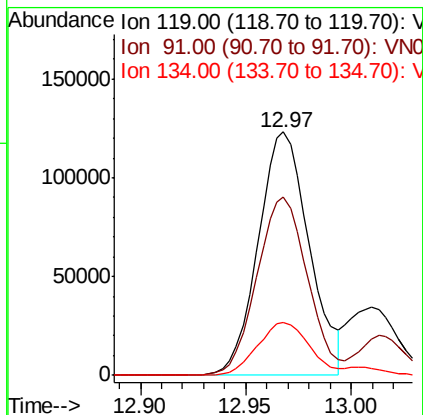
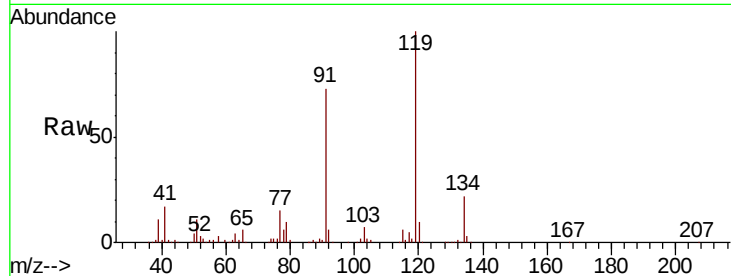




#83
tert-Butylbenzene
Concen: 18.219 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

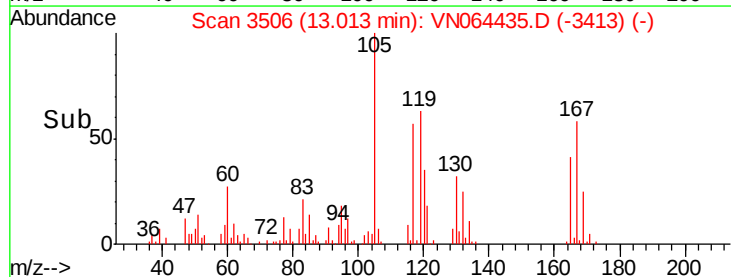
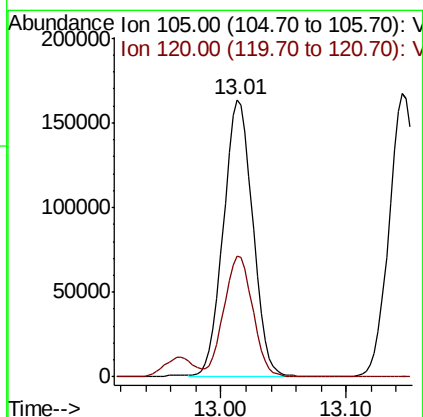
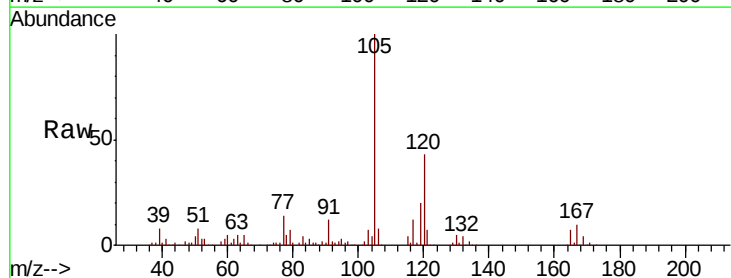
Instrument :
MSVOA_N
ClientSampleId :

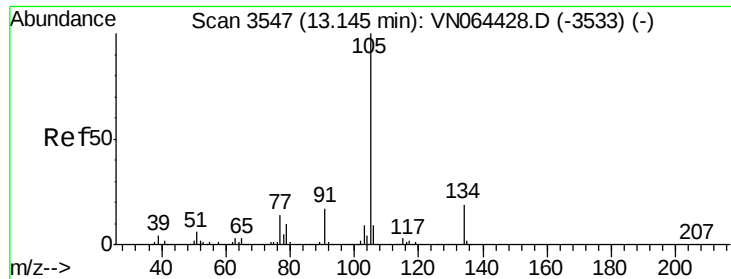
Tot Ion:119 Resp: 207107
Ion Ratio Lower Upper
119 100
91 72.5 36.1 108.3
134 22.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 18.189 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064435.D
Acq: 4 Nov 2020 14:47

Tgt Ion:105 Resp: 266133
Ion Ratio Lower Upper
105 100
120 43.5 21.9 65.7

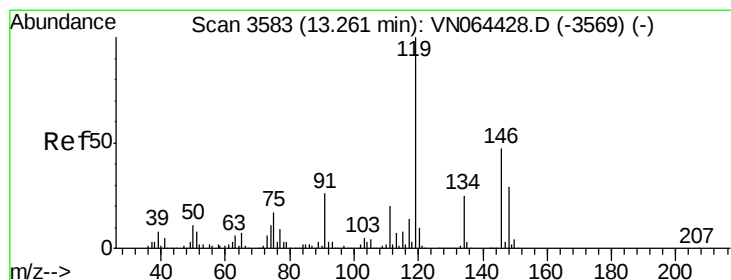
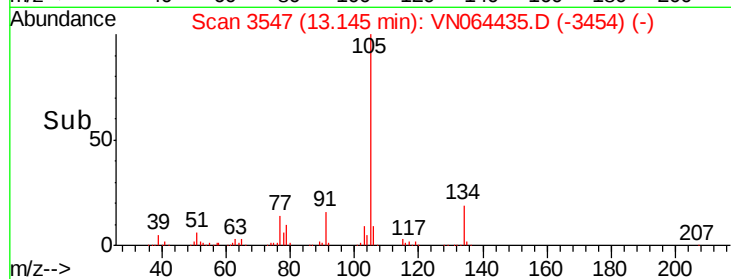
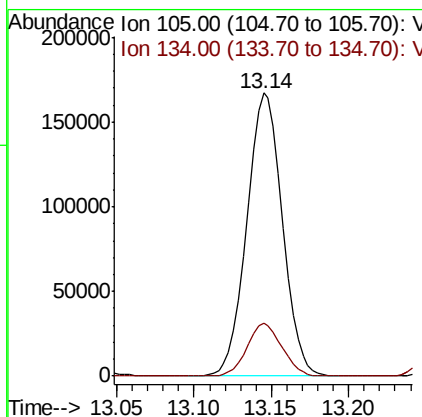
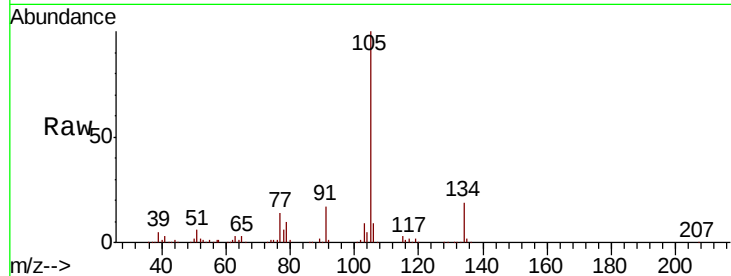




#85
 sec-Butylbenzene
 Concen: 18.505 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

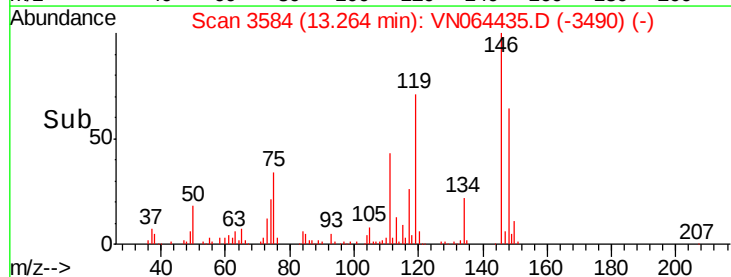
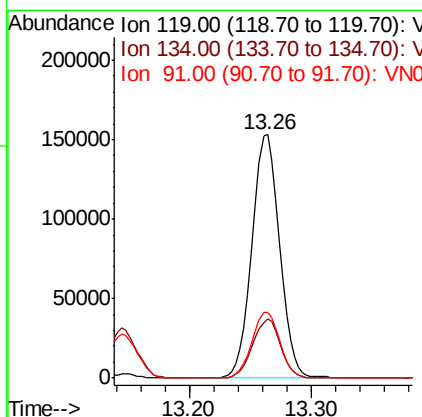
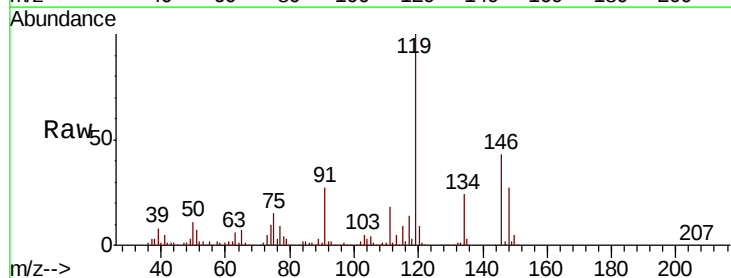
Instrument :
 MSVOA_N
 ClientSampled :

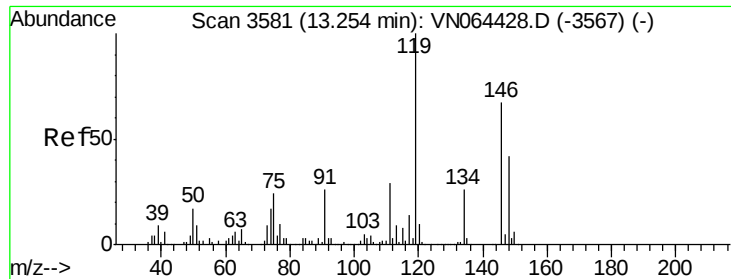
Tot Ion:105 Resp: 266407
 Ion Ratio Lower Upper
 105 100
 134 18.4 9.4 28.2



#86
 p-Isopropyltoluene
 Concen: 18.397 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion:119 Resp: 238235
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.6
 91 26.9 12.8 38.3

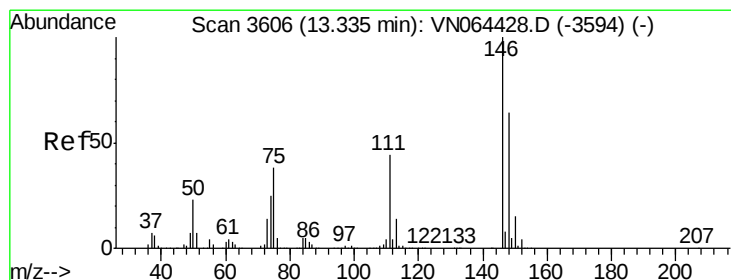
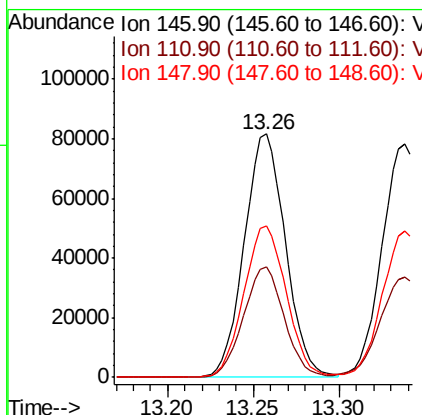
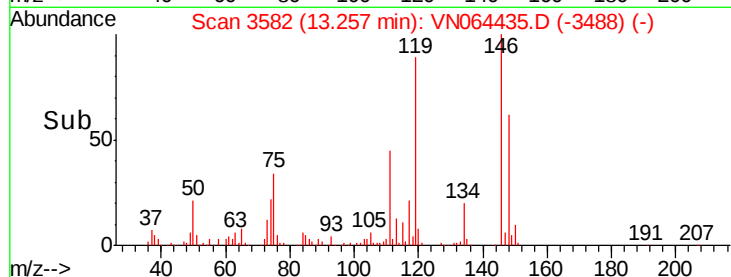
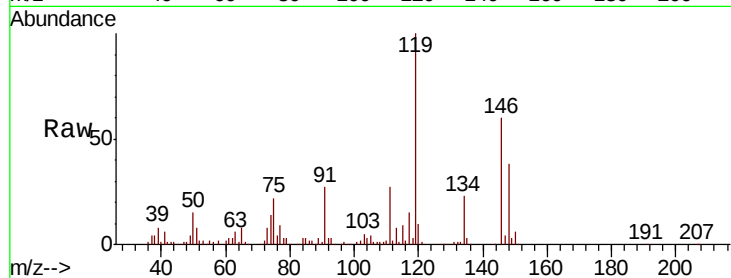




#87
 1,3-Dichlorobenzene
 Concen: 18.225 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

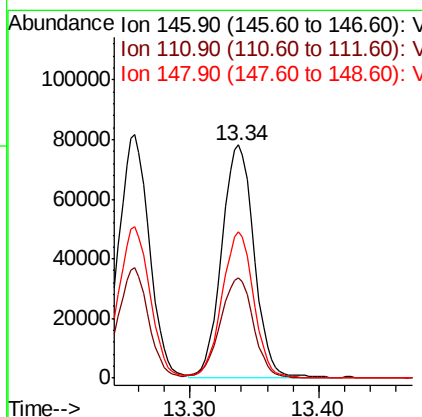
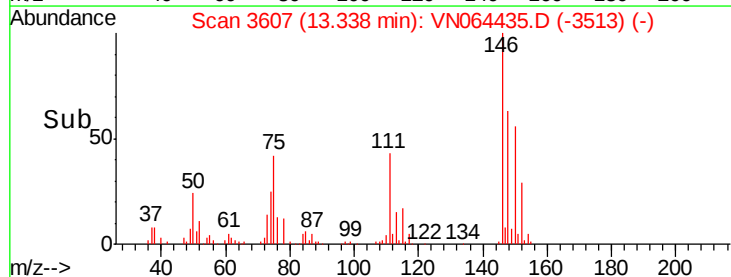
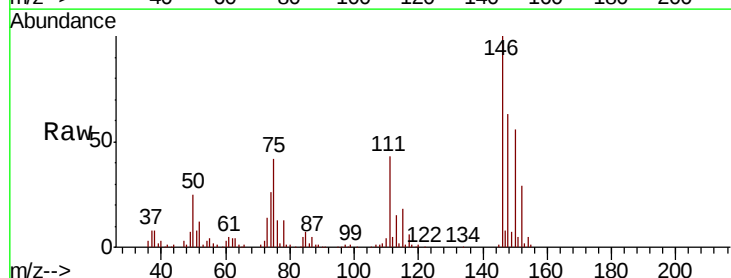
Instrument :
 MSVOA_N
 ClientSampled :

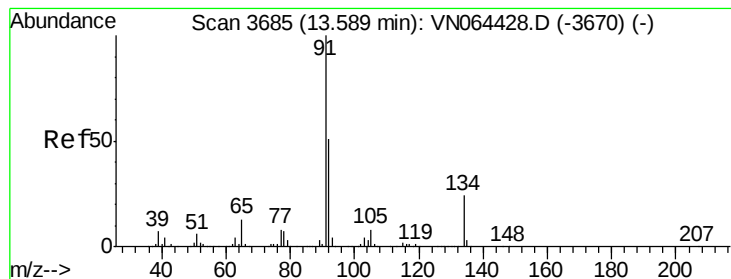
Tot Ion:146 Resp: 135701
 Ion Ratio Lower Upper
 146 100
 111 44.8 22.1 66.1
 148 64.1 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 17.585 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion:146 Resp: 135313
 Ion Ratio Lower Upper
 146 100
 111 44.3 21.8 65.3
 148 61.4 32.4 97.2





#89

n-Butylbenzene

Concen: 18.046 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampled :

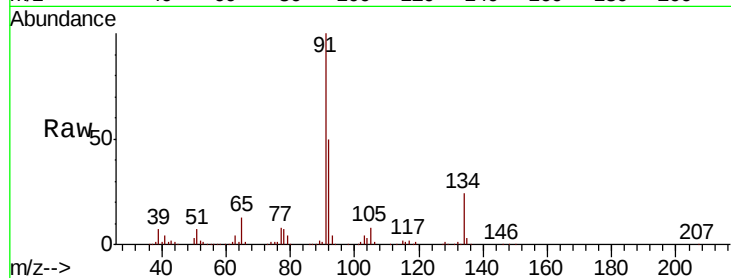
Tot Ion: 91 Resp: 200925

Ion Ratio Lower Upper

91 100

92 50.2 25.3 75.9

134 23.4 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3670) (-)

Ion 92.00 (91.70 to 92.70): VN064428.D (-3670) (-)

Ion 134.00 (133.70 to 134.70): VN064428.D (-3670) (-)

13.59

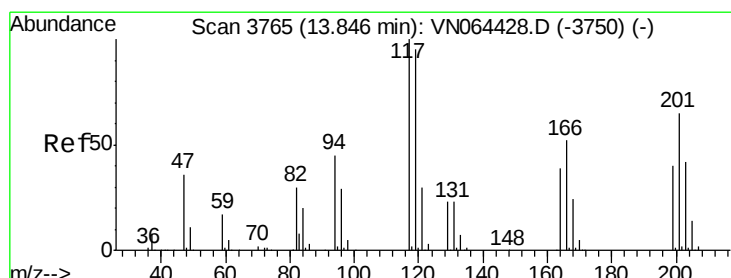
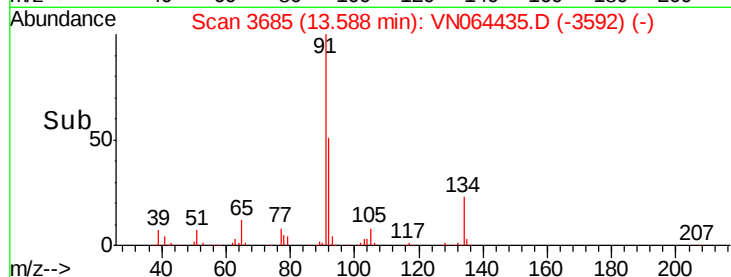
150000

100000

50000

0

Time--> 13.50 13.55 13.60 13.65



#90

Hexachloroethane

Concen: 17.415 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN064435.D

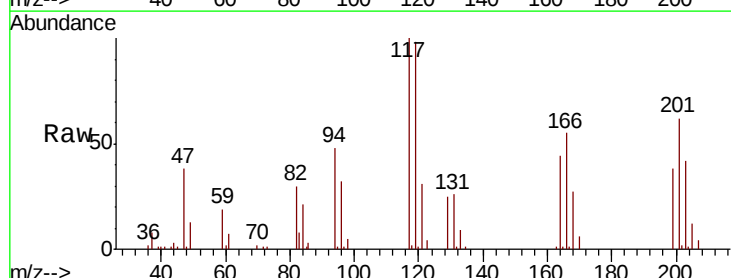
Acq: 4 Nov 2020 14:47

Tgt Ion: 117 Resp: 43504

Ion Ratio Lower Upper

117 100

201 62.9 32.5 97.5



Abundance Ion 116.80 (116.50 to 117.50): VN064428.D (-3750) (-)

Ion 200.70 (200.40 to 201.40): VN064428.D (-3750) (-)

13.85

30000

25000

20000

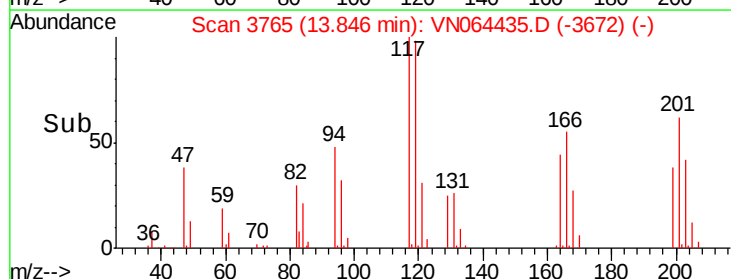
15000

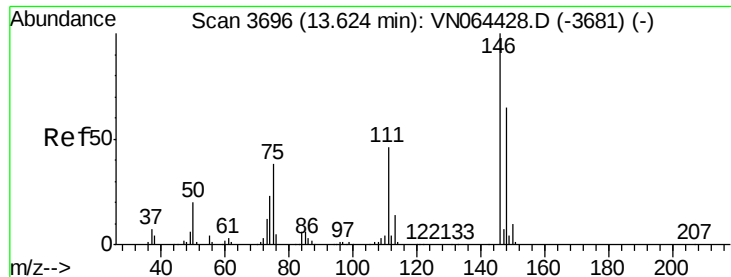
10000

5000

0

Time--> 13.80 13.85 13.90





#91

1,2-Dichlorobenzene

Concen: 18.596 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampleId :

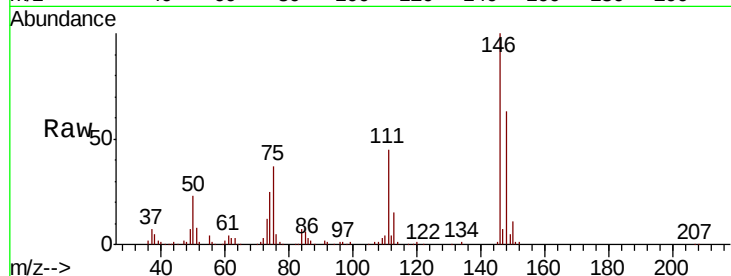
Tot Ion:146 Resp: 133190

Ion Ratio Lower Upper

146 100

111 45.2 22.9 68.7

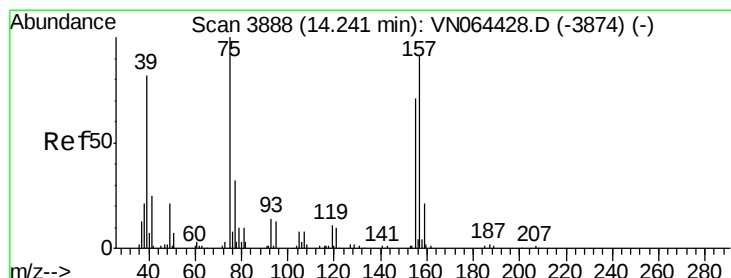
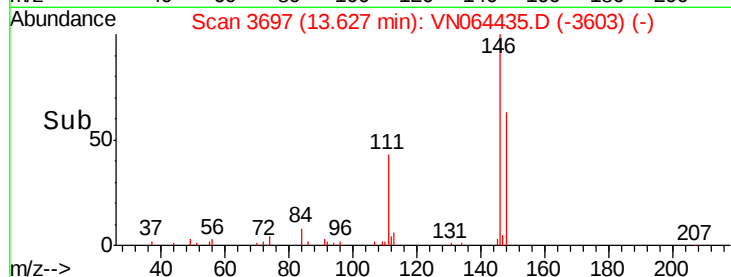
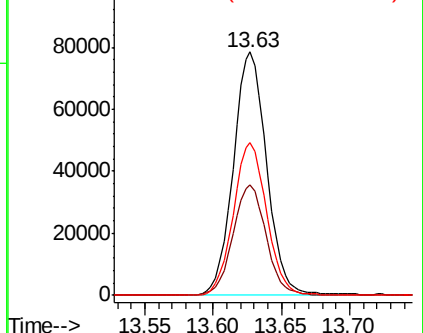
148 62.6 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.733 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

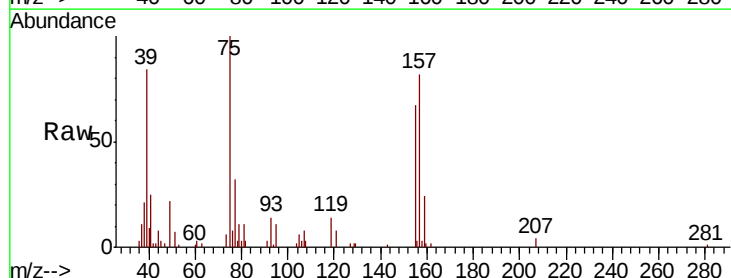
Tgt Ion: 75 Resp: 21290

Ion Ratio Lower Upper

75 100

155 66.8 34.6 103.9

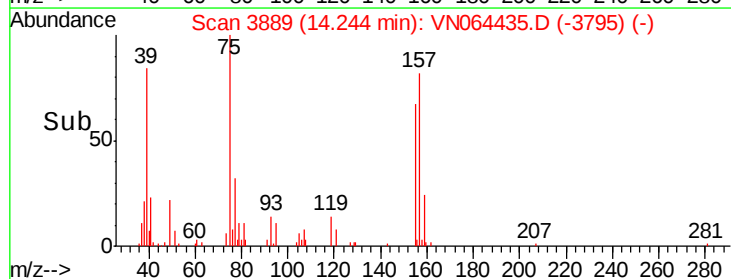
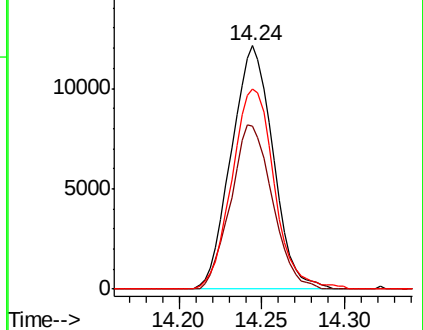
157 83.6 43.0 128.8

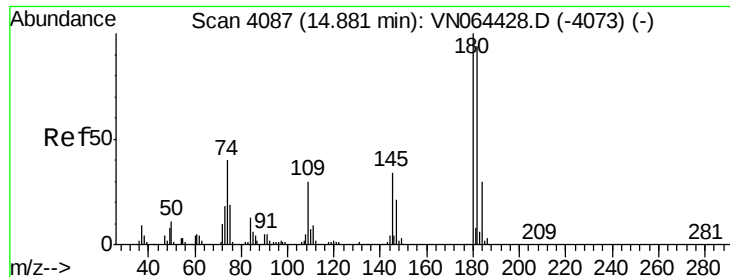


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

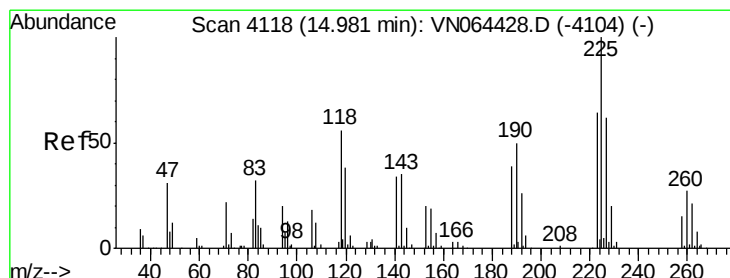
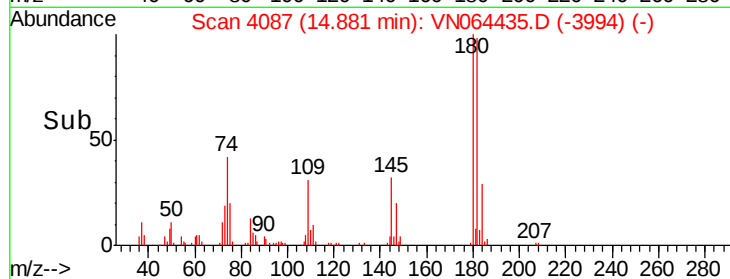
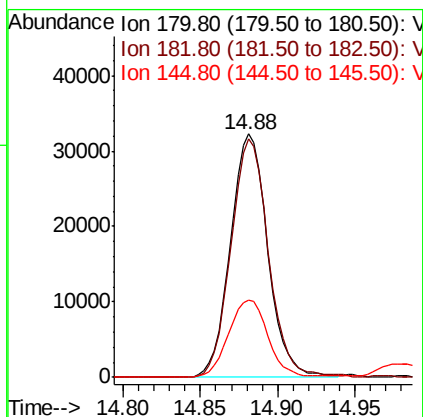
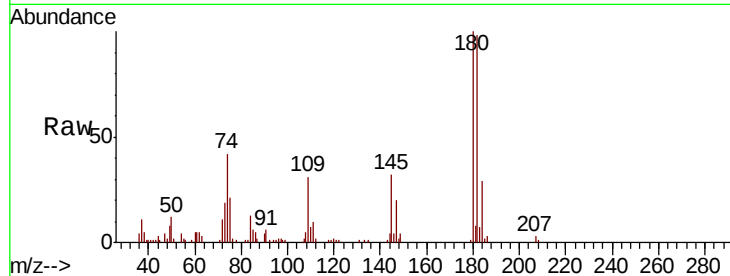




#93
 1,2,4-Trichlorobenzene
 Concen: 17.007 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

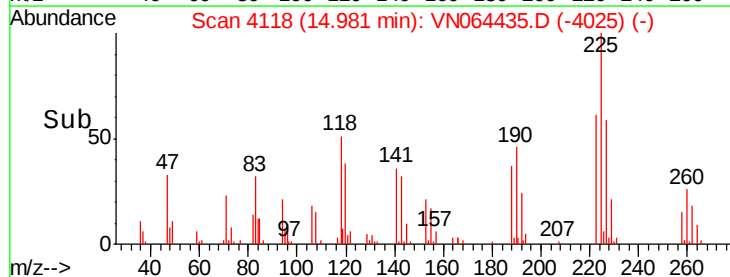
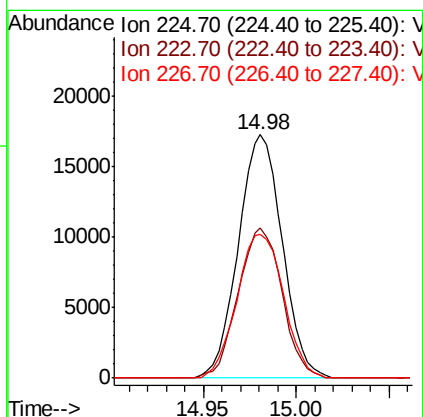
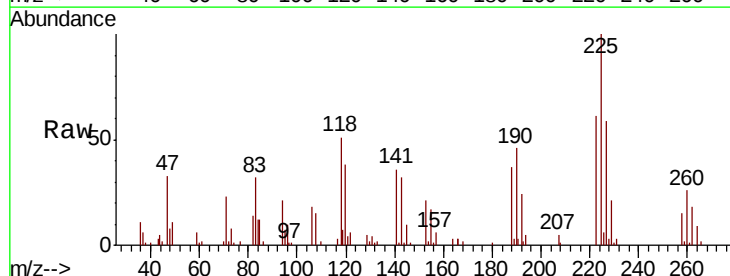
Instrument :
 MSVOA_N
 ClientSampleId :

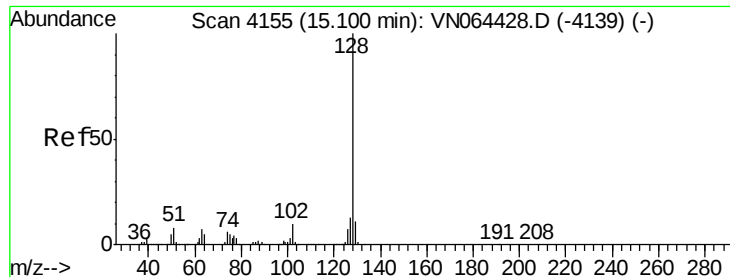
Tot Ion:180 Resp: 53964
 Ion Ratio Lower Upper
 180 100
 182 98.3 47.3 142.0
 145 33.4 16.7 50.1



#94
 Hexachlorobutadiene
 Concen: 19.534 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064435.D
 Acq: 4 Nov 2020 14:47

Tgt Ion:225 Resp: 28485
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.8 95.4
 227 62.7 31.8 95.4





#95

Naphthalene

Concen: 17.221 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

Instrument :

MSVOA_N

ClientSampled :

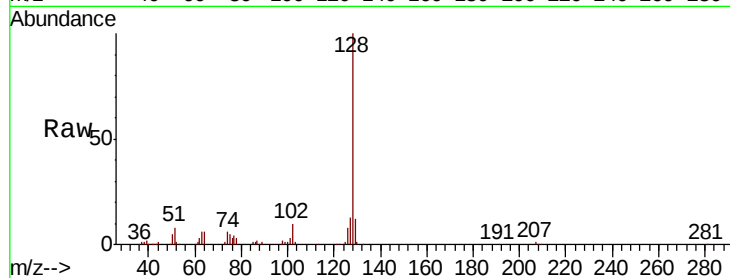
Tot Ion:128 Resp: 178475

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

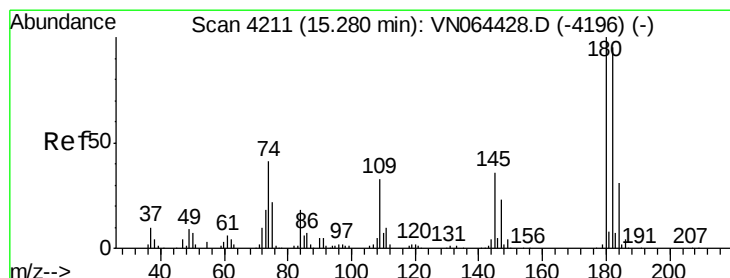
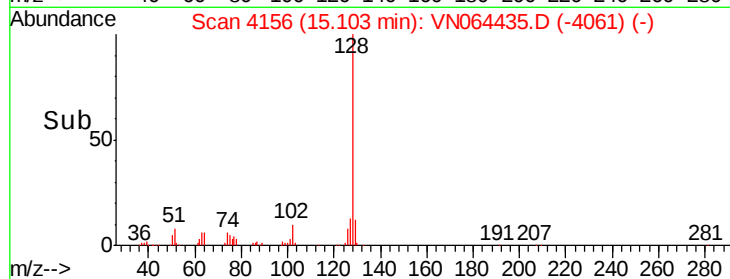
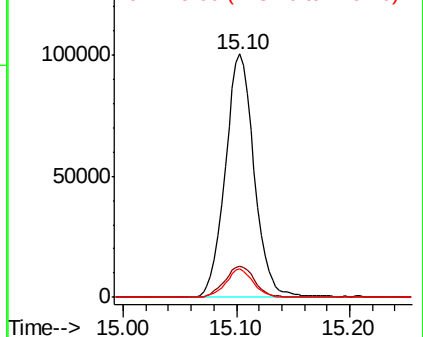
129 11.0 8.8 13.2



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: 17.707 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064435.D

Acq: 4 Nov 2020 14:47

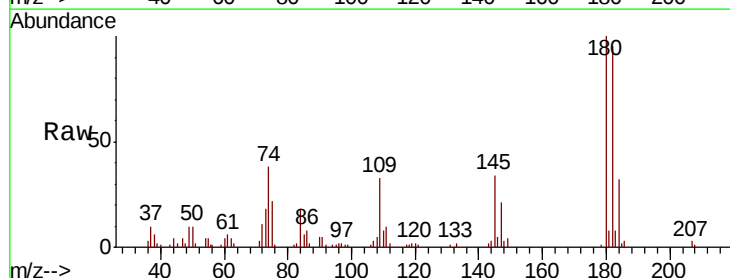
Tgt Ion:180 Resp: 54478

Ion Ratio Lower Upper

180 100

182 92.2 47.7 143.1

145 35.2 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

