

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
 Data File : VN064269.D
 Acq On : 22 Oct 2020 22:49
 Operator : JC/MD
 Sample : VN1022WBSD02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

Quant Time: Oct 23 02:04:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	258208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	177906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	200368	52.25	ug/l	0.00
Spiked Amount			Recovery	=	104.50%	
35) Dibromofluoromethane	7.55	113	142898	50.70	ug/l	0.00
Spiked Amount			Recovery	=	101.40%	
50) Toluene-d8	10.06	98	507516	49.64	ug/l	0.00
Spiked Amount			Recovery	=	99.28%	
62) 4-Bromofluorobenzene	12.38	95	201247	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	57794	18.819	ug/l	90
3) Chloromethane	2.04	50	58942	19.751	ug/l	97
4) Vinyl Chloride	2.16	62	58671	19.830	ug/l	96
5) Bromomethane	2.53	94	37314	19.348	ug/l	99
6) Chloroethane	2.68	64	34392	19.095	ug/l	93
7) Trichlorofluoromethane	2.99	101	99777	20.507	ug/l	97
8) Diethyl Ether	3.37	74	31735	19.717	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	47768	18.985	ug/l	98
10) Methyl Iodide	3.91	142	64994	18.165	ug/l	99
11) Tert butyl alcohol	4.73	59	51257	99.858	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	45997	19.007	ug/l	99
13) Acrolein	3.57	56	27034	83.901	ug/l	99
14) Allyl chloride	4.28	41	88103	18.190	ug/l	96
15) Acrylonitrile	4.93	53	101891	95.996	ug/l	98
16) Acetone	3.77	43	106140	96.740	ug/l	95
17) Carbon Disulfide	4.01	76	131252	19.014	ug/l	98
18) Methyl Acetate	4.28	43	55371	19.805	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	160184	19.253	ug/l	100
20) Methylene Chloride	4.51	84	53554	18.305	ug/l	92
21) trans-1,2-Dichloroethene	4.99	96	51659	19.358	ug/l	95
22) Diisopropyl ether	5.90	45	168233	18.684	ug/l	95
23) Vinyl Acetate	5.85	43	770274	95.928	ug/l	100
24) 1,1-Dichloroethane	5.80	63	102438	19.639	ug/l	97
25) 2-Butanone	6.78	43	168632	96.740	ug/l	100
26) 2,2-Dichloropropane	6.78	77	88551	17.053	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	59071	19.008	ug/l	98
28) Bromochloromethane	7.15	49	53359	21.534	ug/l	98
29) Tetrahydrofuran	7.16	42	106645	102.277	ug/l	99
30) Chloroform	7.33	83	107984	19.408	ug/l	97
31) Cyclohexane	7.61	56	83074	18.275	ug/l	91
32) 1,1,1-Trichloroethane	7.53	97	102596	19.684	ug/l	99
36) 1,1-Dichloropropene	7.75	75	78411	18.554	ug/l	98
37) Ethyl Acetate	6.88	43	74011	19.289	ug/l	98
38) Carbon Tetrachloride	7.74	117	89646	18.644	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	69287	18.031	ug/l	95
40) Benzene	8.00	78	218861	18.761	ug/l	97
41) Methacrylonitrile	7.12	41	39038	19.395	ug/l	94
42) 1,2-Dichloroethane	8.09	62	95506	19.111	ug/l	100
43) Isopropyl Acetate	8.13	43	137550	19.235	ug/l	99
44) Trichloroethene	8.80	130	59577	18.741	ug/l	95
45) 1,2-Dichloropropane	9.08	63	56845	18.253	ug/l	98
46) Dibromomethane	9.18	93	40926	19.571	ug/l	97
47) Bromodichloromethane	9.37	83	90905	19.676	ug/l	96
48) Methyl methacrylate	9.16	41	68278	18.278	ug/l	98
49) 1,4-Dioxane	9.16	88	16498	377.467	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	378738	99.099	ug/l	100
52) Toluene	10.13	92	136764	18.322	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	92569	18.037	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	99285	18.373	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	54352	19.279	ug/l	98
56) Ethyl methacrylate	10.40	69	83070	19.057	ug/l	98
57) 1,3-Dichloropropane	10.68	76	95976	19.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	207835	92.590	ug/l	99
59) 2-Hexanone	10.72	43	271488	97.269	ug/l	99
60) Dibromochloromethane	10.87	129	67517	18.500	ug/l	100
61) 1,2-Dibromoethane	10.98	107	58029	19.506	ug/l	99
64) Tetrachloroethene	10.60	164	59092	19.304	ug/l	97
65) Chlorobenzene	11.41	112	152129	19.328	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	58184	18.624	ug/l	98
67) Ethyl Benzene	11.48	91	272498	18.839	ug/l	99
68) m/p-Xylenes	11.59	106	198940	37.121	ug/l	99
69) o-Xylene	11.92	106	98175	18.941	ug/l	100
70) Styrene	11.94	104	159941	18.409	ug/l	98
71) Bromoform	12.10	173	46084	19.095	ug/l #	96
73) Isopropylbenzene	12.22	105	257869	19.005	ug/l	100
74) N-amyl acetate	12.05	43	114908	19.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71895	19.967	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	104574	27.882	ug/l #	100
77) Bromobenzene	12.50	156	64889	20.257	ug/l	96
78) n-propylbenzene	12.57	91	287643	18.802	ug/l	99
79) 2-Chlorotoluene	12.65	91	183170	19.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	220911	19.258	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	26050	17.536	ug/l	96
82) 4-Chlorotoluene	12.75	91	191893	19.577	ug/l	99
83) tert-Butylbenzene	12.97	119	178495	18.979	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	223968	19.617	ug/l	100
85) sec-Butylbenzene	13.14	105	229340	19.343	ug/l	100
86) p-Isopropyltoluene	13.26	119	209289	19.384	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	108061	18.959	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	109202	18.718	ug/l	100
89) n-Butylbenzene	13.59	91	179005	18.495	ug/l	98
90) Hexachloroethane	13.85	117	36231	18.528	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	108498	19.403	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18972	21.120	ug/l	94

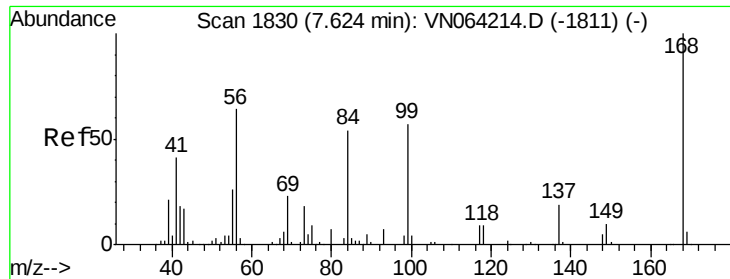
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102220\
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QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	59866	19.089	ug/l	96
94) Hexachlorobutadiene	14.98	225	33602	19.865	ug/l	98
95) Naphthalene	15.10	128	184816	19.678	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	57620	18.550	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

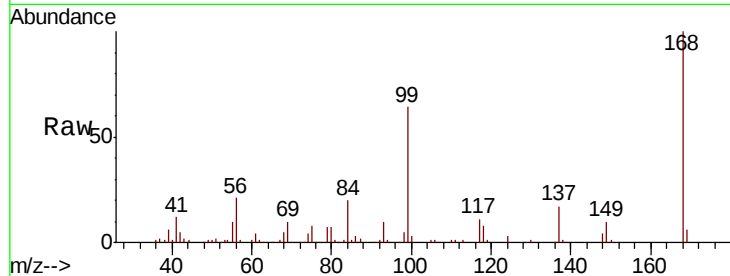
VN1022WBSD02

Tot Ion:168 Resp: 258208

Ion Ratio Lower Upper

168 100

99 63.3 54.0 81.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

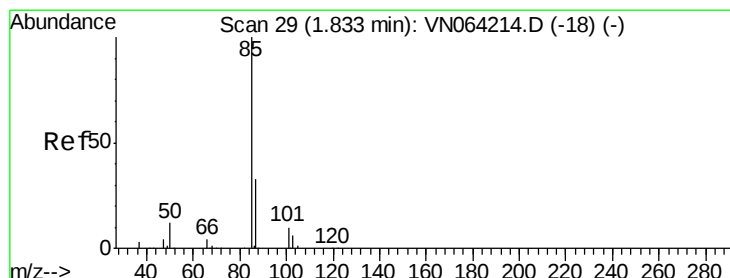
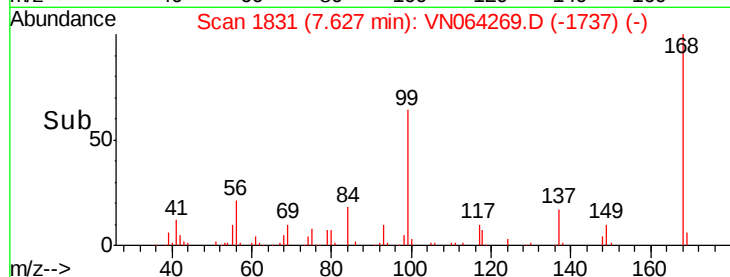
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 18.819 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064269.D

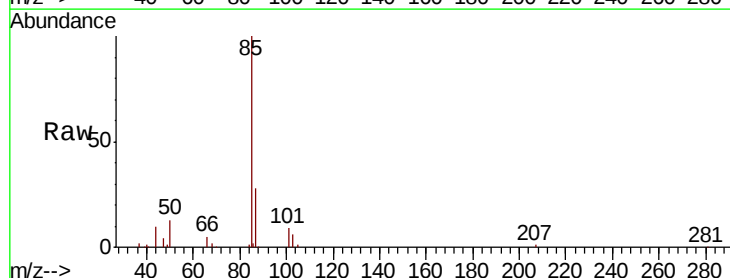
Acq: 22 Oct 2020 22:49

Tgt Ion: 85 Resp: 57794

Ion Ratio Lower Upper

85 100

87 27.8 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

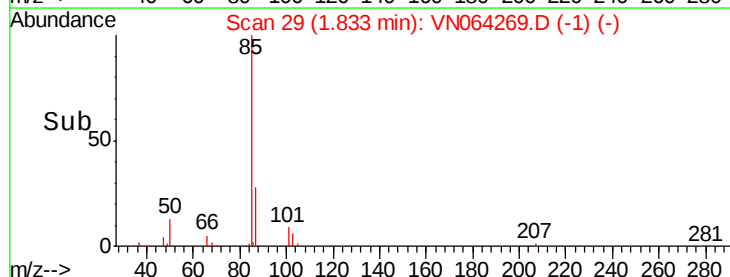
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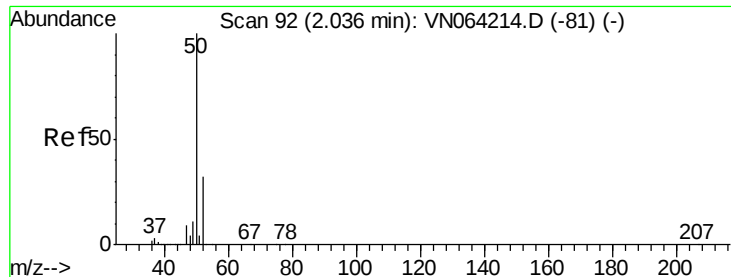
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 19.751 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

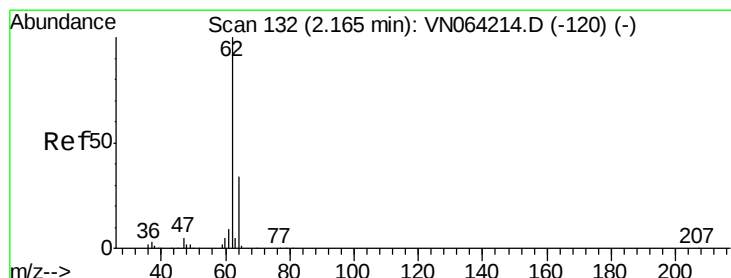
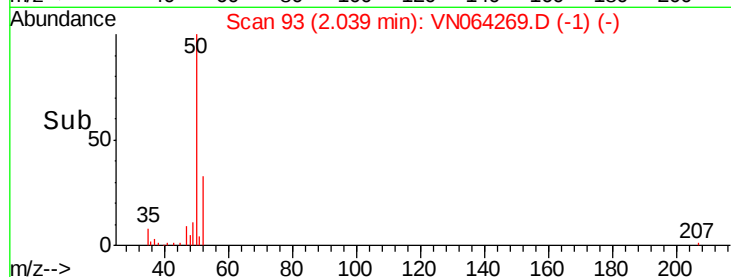
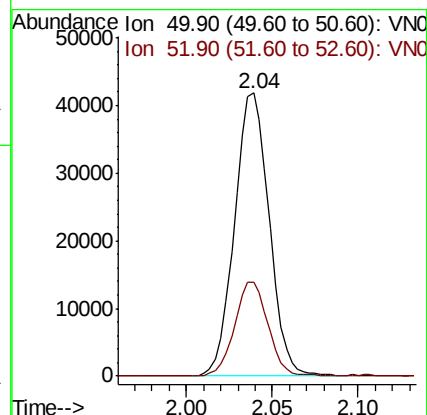
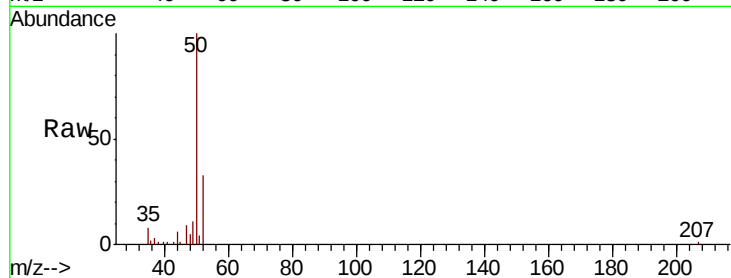
VN1022WBSD02

Tot Ion: 50 Resp: 58942

Ion Ratio Lower Upper

50 100

52 33.4 25.3 37.9



#4

Vinyl Chloride

Concen: 19.830 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064269.D

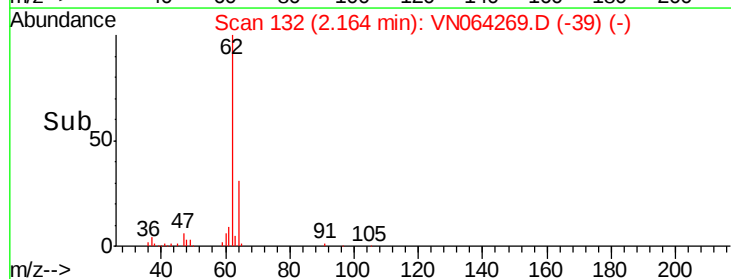
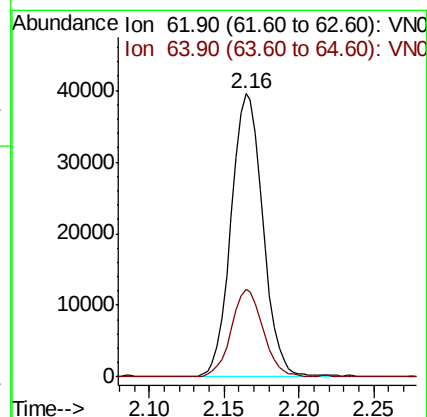
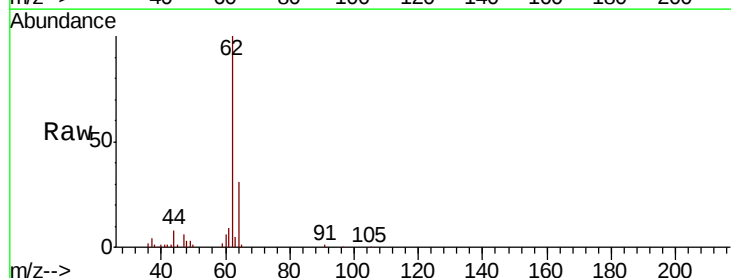
Acq: 22 Oct 2020 22:49

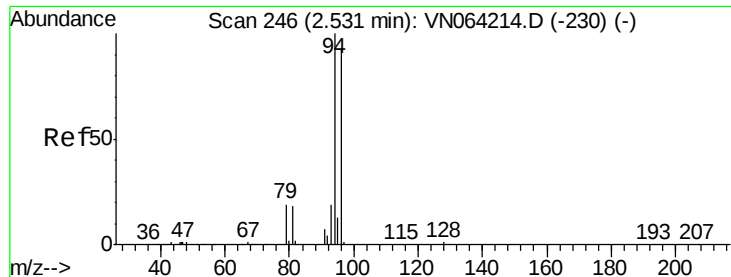
Tgt Ion: 62 Resp: 58671

Ion Ratio Lower Upper

62 100

64 31.1 26.8 40.2





#5

Bromomethane

Concen: 19.348 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

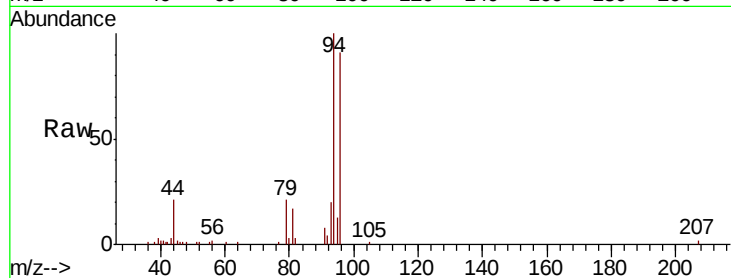
VN1022WBSD02

Tot Ion: 94 Resp: 37314

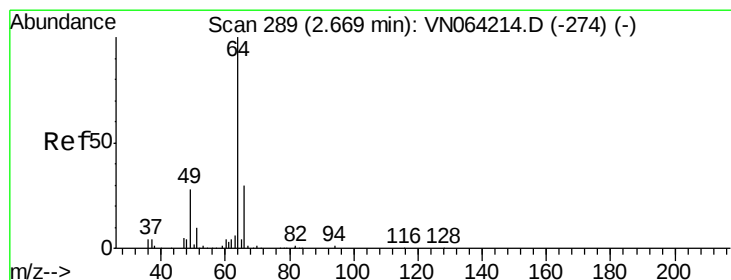
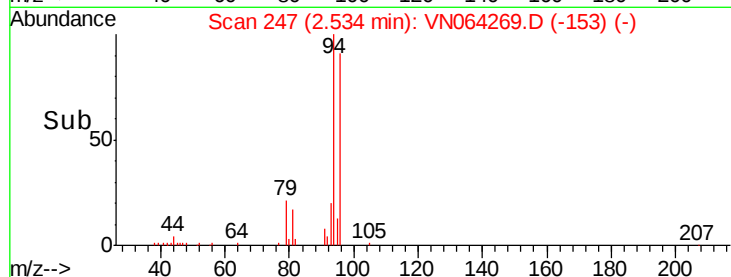
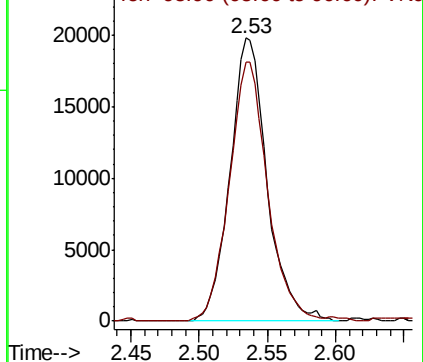
Ion Ratio Lower Upper

94 100

96 91.4 74.2 111.4



Abundance Ion 93.90 (93.60 to 94.60): VNO
Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 19.095 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064269.D

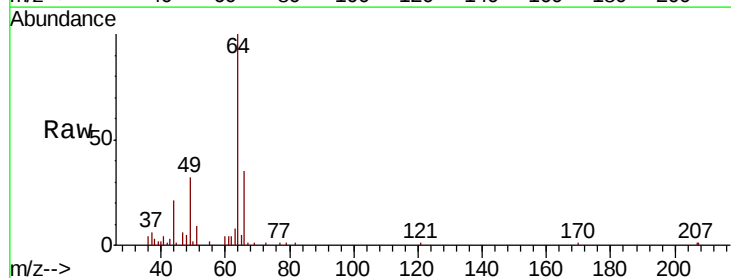
Acq: 22 Oct 2020 22:49

Tgt Ion: 64 Resp: 34392

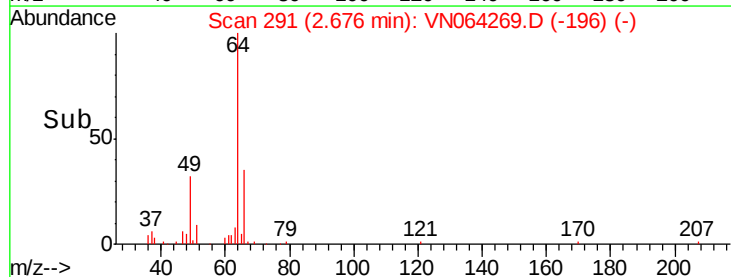
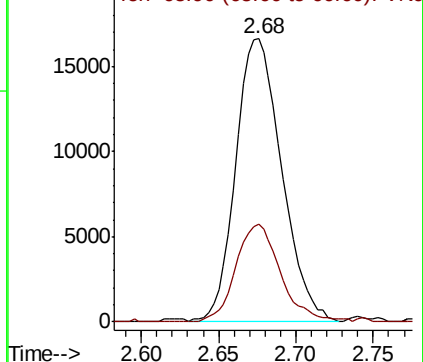
Ion Ratio Lower Upper

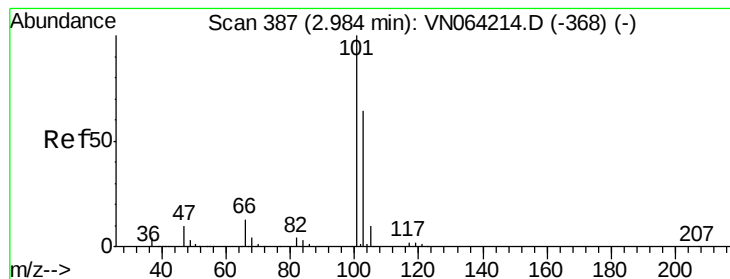
64 100

66 34.6 24.5 36.7



Abundance Ion 63.90 (63.60 to 64.60): VNO
Ion 65.90 (65.60 to 66.60): VNO



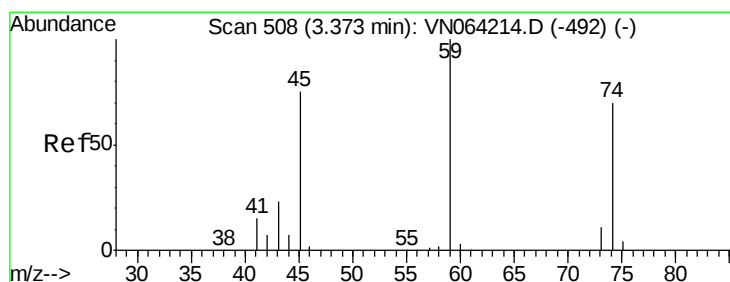
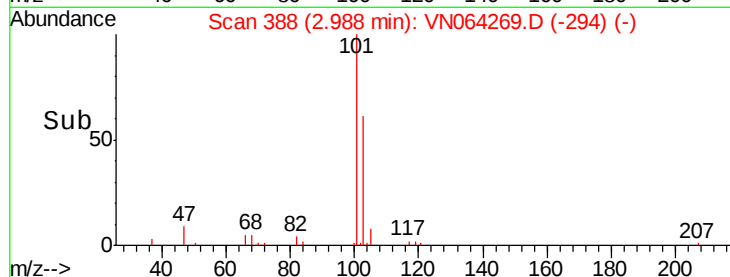
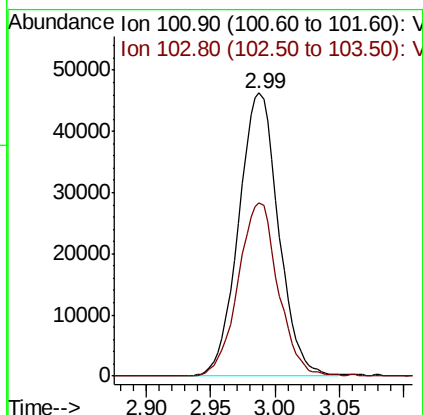
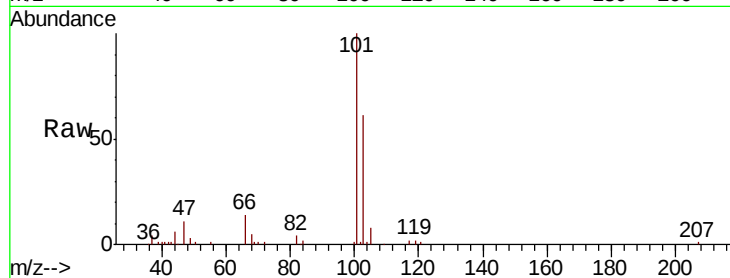


#7

Trichlorofluoromethane
 Concen: 20.507 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Instrument :
 MSVOA_N
 ClientSampled :
 VN102WBSD02

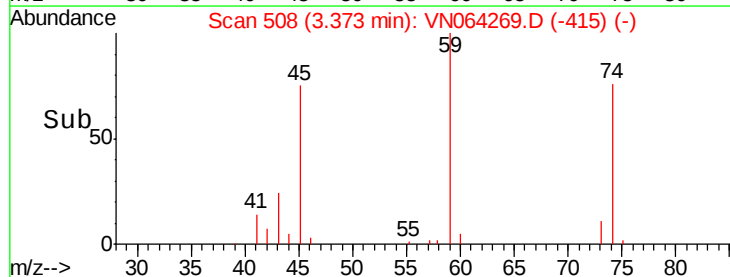
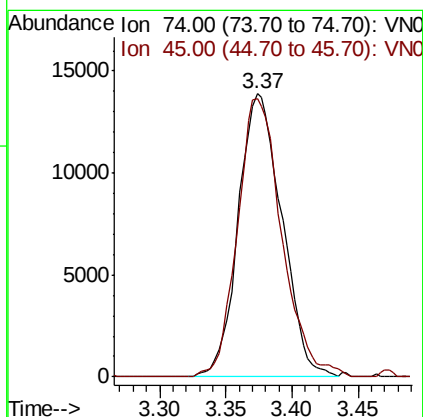
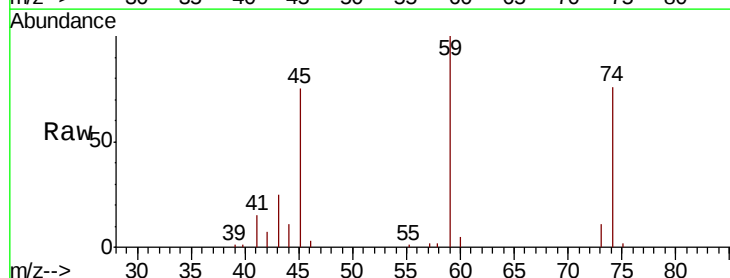
Tot Ion:101 Resp: 99777
 Ion Ratio Lower Upper
 101 100
 103 61.3 51.0 76.6

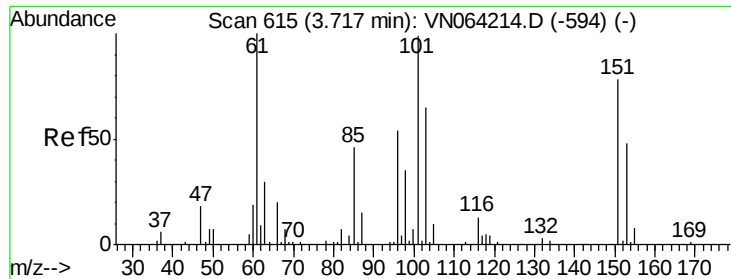


#8

Diethyl Ether
 Concen: 19.717 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 74 Resp: 31735
 Ion Ratio Lower Upper
 74 100
 45 100.1 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.985 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

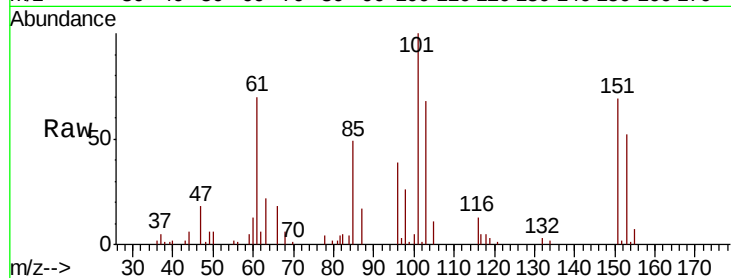
Tot Ion:101 Resp: 47768

Ion Ratio Lower Upper

101 100

85 49.7 37.8 56.8

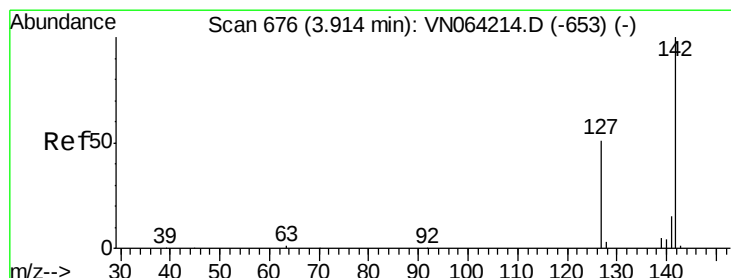
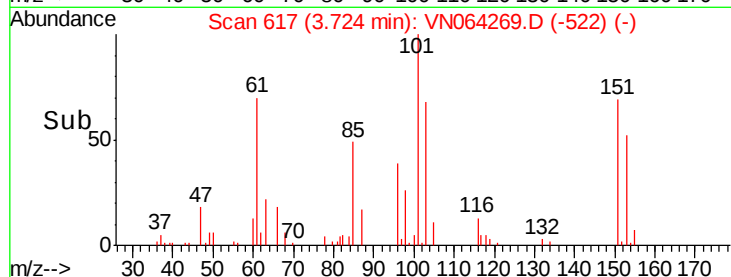
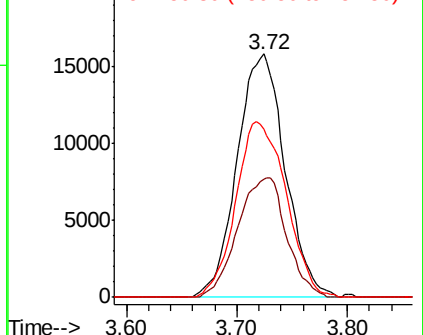
151 75.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 18.165 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

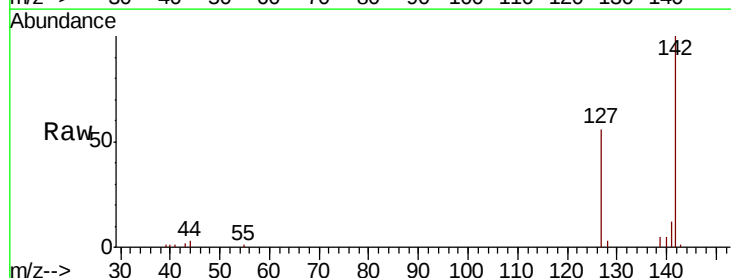
Tgt Ion:142 Resp: 64994

Ion Ratio Lower Upper

142 100

127 51.3 41.0 61.6

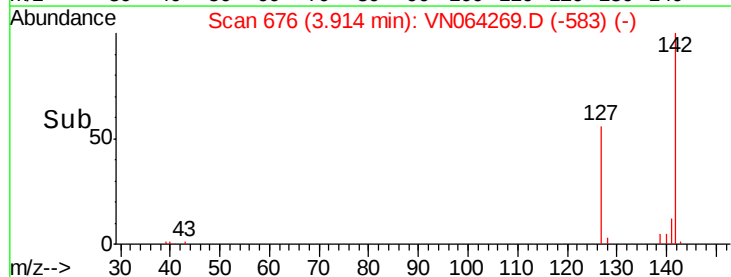
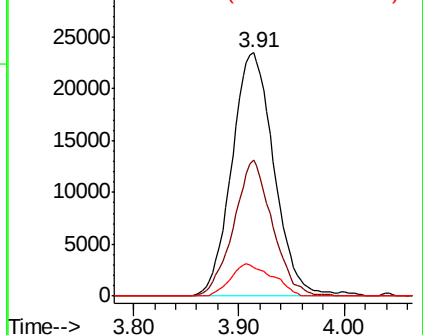
141 13.2 11.3 16.9

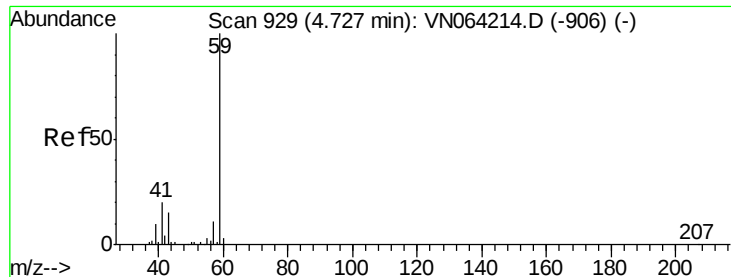


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 99.858 ug/l

RT: 4.73 min Scan# 930

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

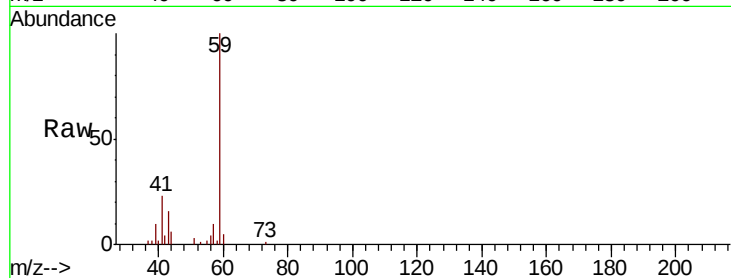
VN1022WBSD02

Tot Ion: 59 Resp: 51257

Ion Ratio Lower Upper

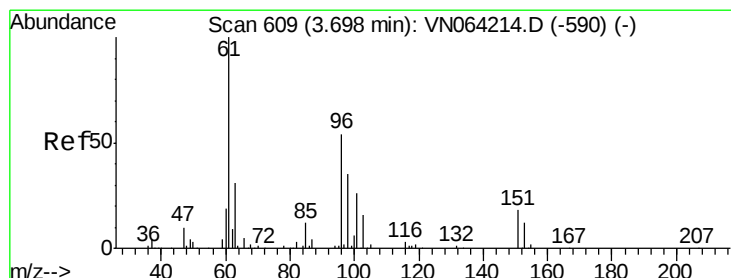
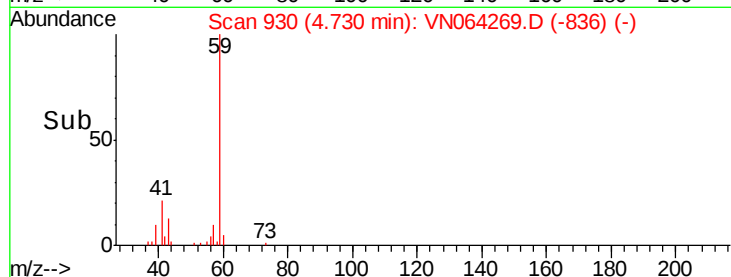
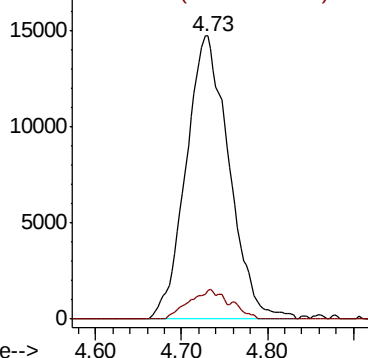
59 100

57 8.4 9.2 13.8#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 19.007 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

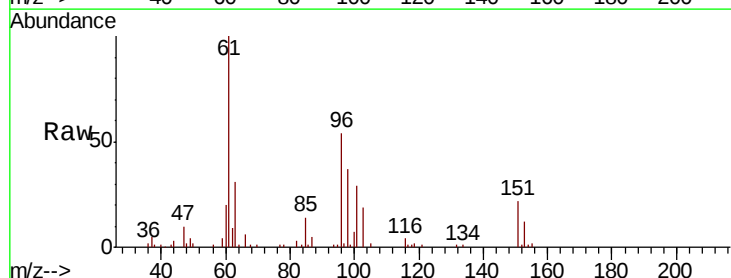
Tgt Ion: 96 Resp: 45997

Ion Ratio Lower Upper

96 100

61 182.9 147.0 220.4

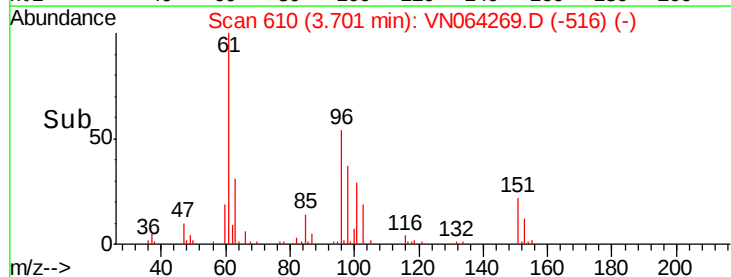
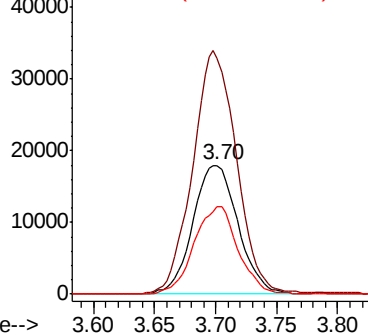
98 67.8 51.7 77.5

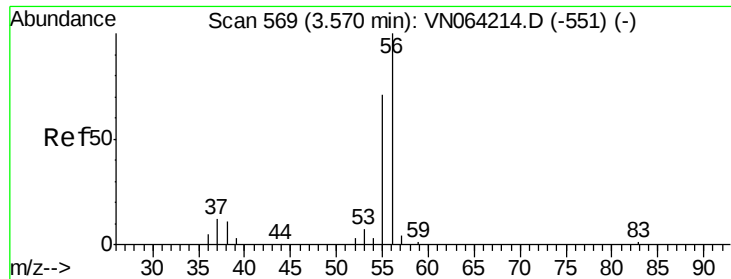


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 83.901 ug/l

RT: 3.57 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

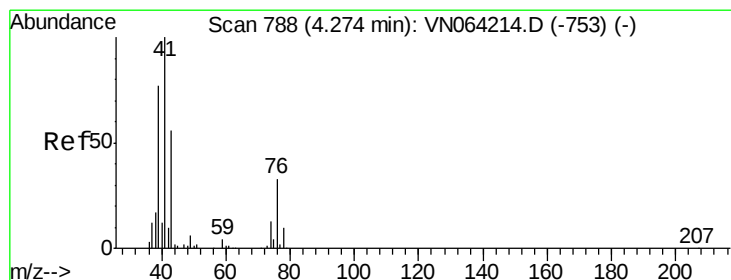
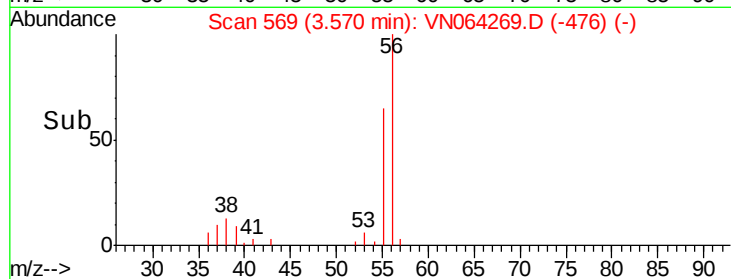
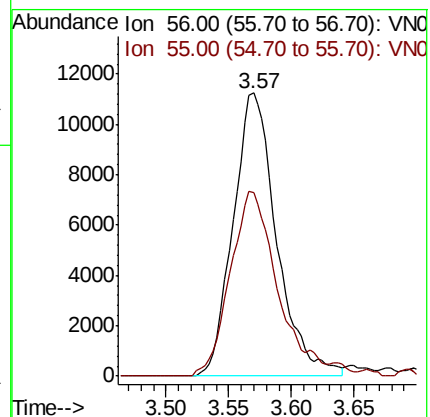
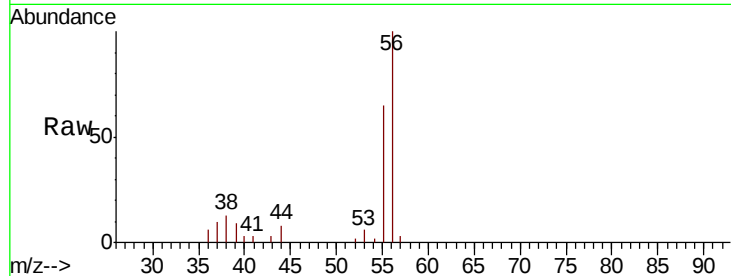
VN1022WBSD02

Tot Ion: 56 Resp: 27034

Ion Ratio Lower Upper

56 100

55 70.7 56.1 84.1



#14

Allyl chloride

Concen: 18.190 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

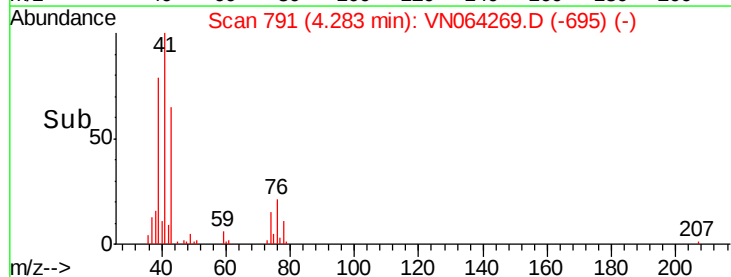
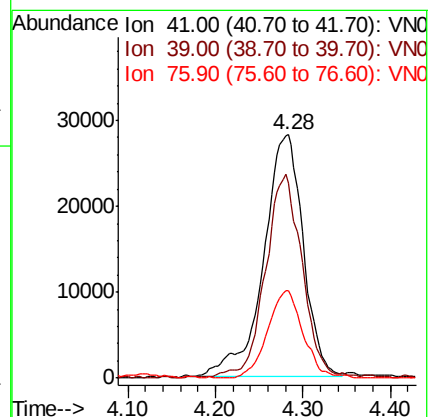
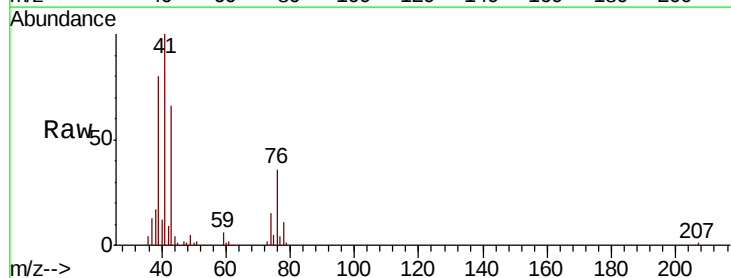
Tgt Ion: 41 Resp: 88103

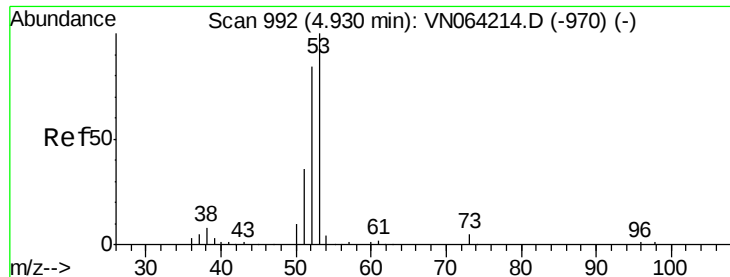
Ion Ratio Lower Upper

41 100

39 77.2 58.6 88.0

76 32.2 24.5 36.7





#15

Acrylonitrile

Concen: 95.996 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

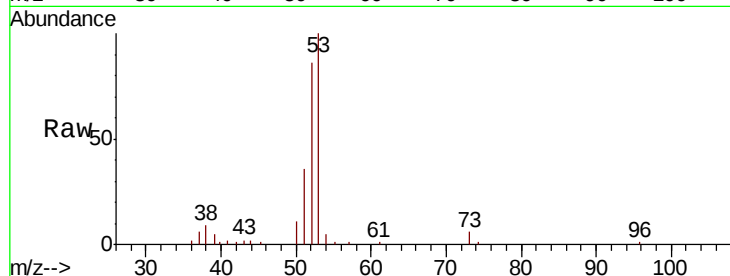
Tot Ion: 53 Resp: 101891

Ion Ratio Lower Upper

53 100

52 85.9 66.8 100.2

51 38.1 30.7 46.1



Abundance Ion 53.00 (52.70 to 53.70): VN064269.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN064269.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN064269.D (-899) (-)

4.93

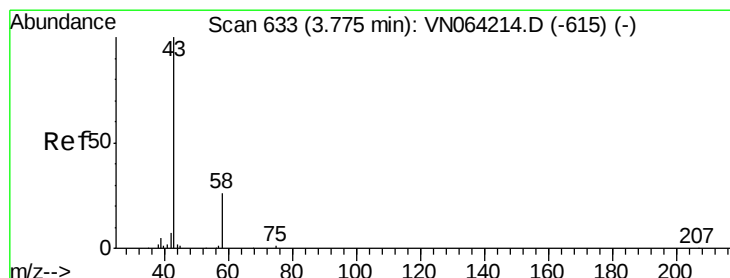
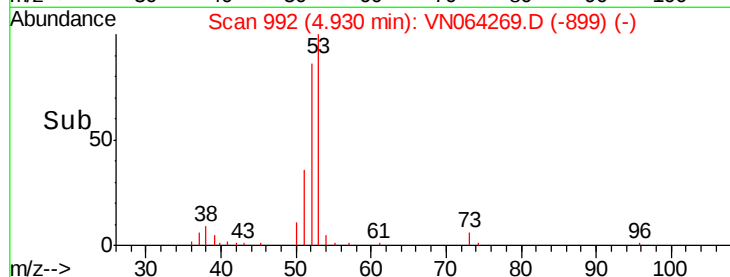
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 96.740 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064269.D

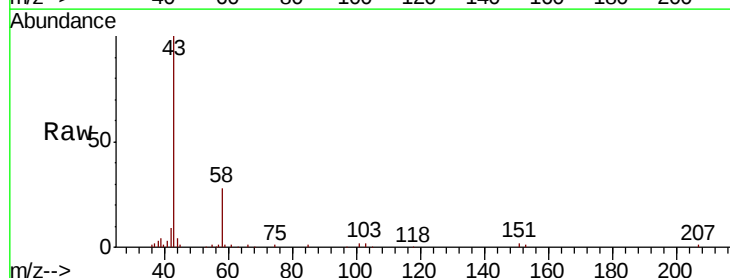
Acq: 22 Oct 2020 22:49

Tgt Ion: 43 Resp: 106140

Ion Ratio Lower Upper

43 100

58 28.5 21.0 31.4



Abundance Ion 43.00 (42.70 to 43.70): VN064269.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN064269.D (-540) (-)

3.77

40000

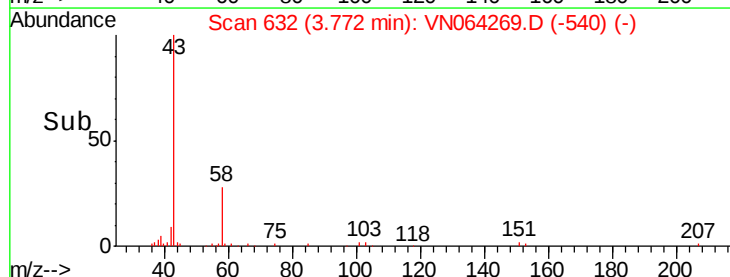
30000

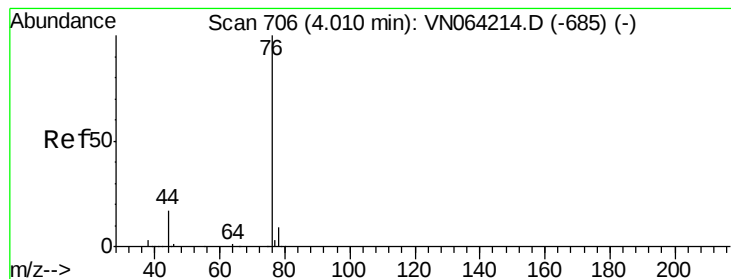
20000

10000

0

Time-->





#17

Carbon Disulfide

Concen: 19.014 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

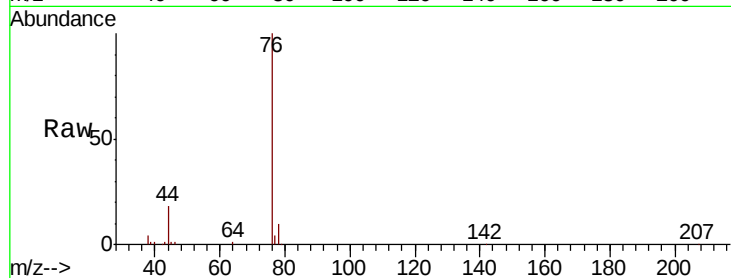
VN1022WBSD02

Tot Ion: 76 Resp: 131252

Ion Ratio Lower Upper

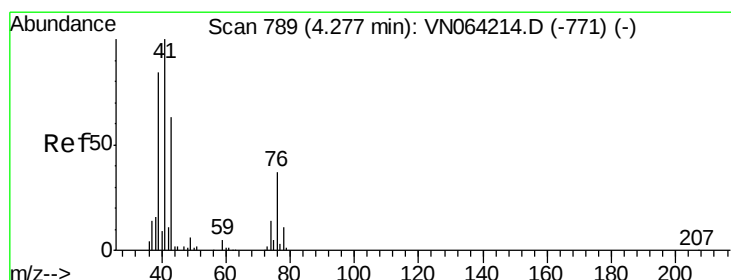
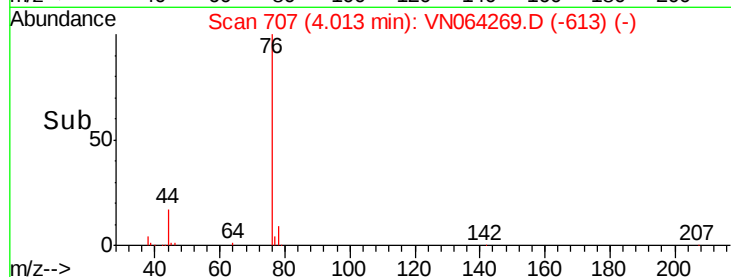
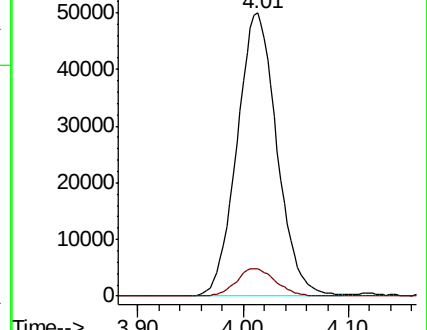
76 100

78 9.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VN064214.D (-685) (-)

Ion 77.90 (77.60 to 78.60): VN064214.D (-685) (-)



#18

Methyl Acetate

Concen: 19.805 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.01 min

Lab File: VN064269.D

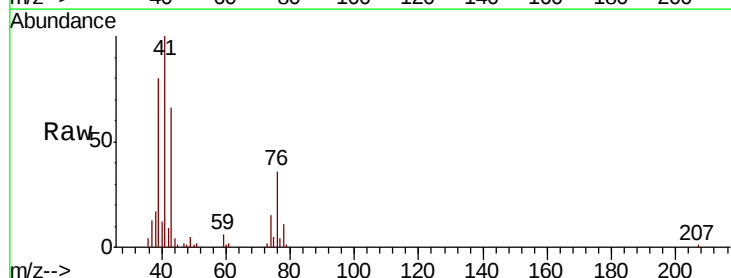
Acq: 22 Oct 2020 22:49

Tgt Ion: 43 Resp: 55371

Ion Ratio Lower Upper

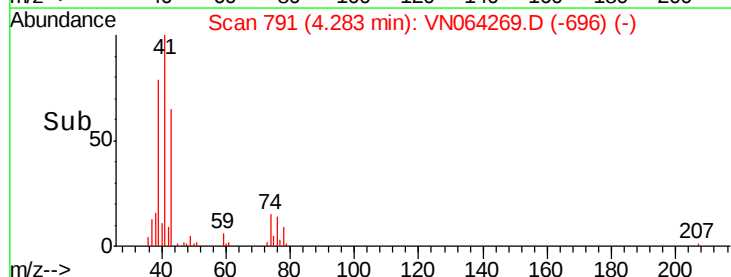
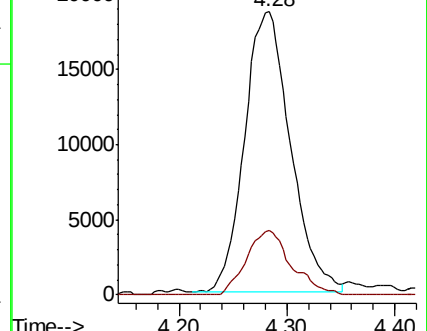
43 100

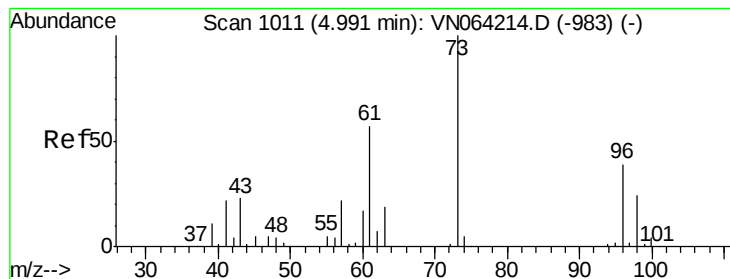
74 22.5 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN064214.D (-771) (-)



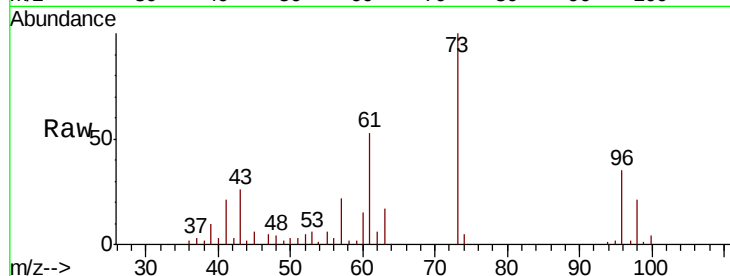


#19

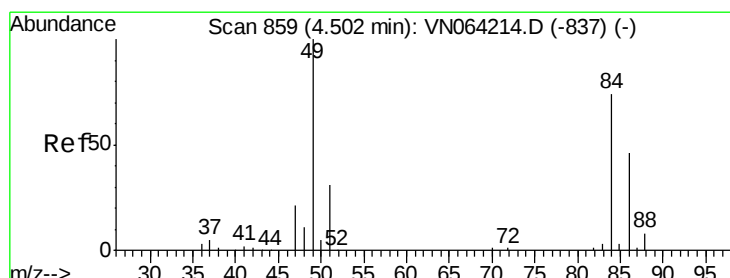
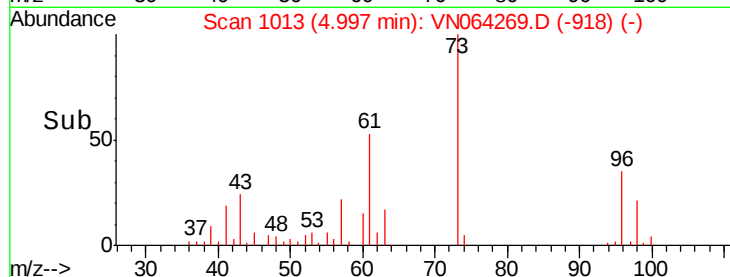
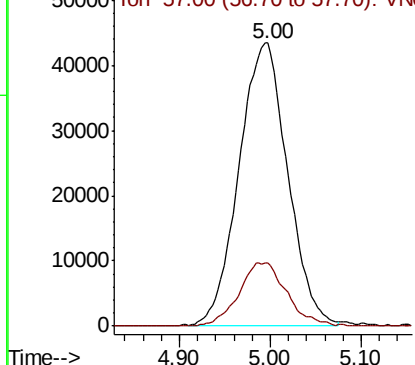
Methyl tert-butyl Ether
 Concen: 19.253 ug/l
 RT: 5.00 min Scan# 1013
 Delta R.T. 0.01 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Instrument :
 MSVOA_N
 ClientSampleID :
 VN1022WBSD02

Tot Ion: 73 Resp: 160184
 Ion Ratio Lower Upper
 73 100
 57 22.6 18.0 27.0



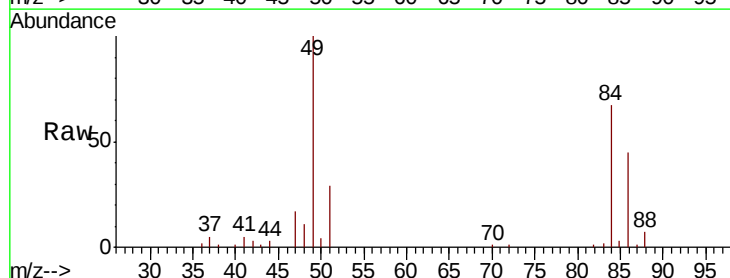
Abundance Ion 73.00 (72.70 to 73.70): VN064214.D (-983) (-)
 Ion 57.00 (56.70 to 57.70): VN064214.D (-983) (-)



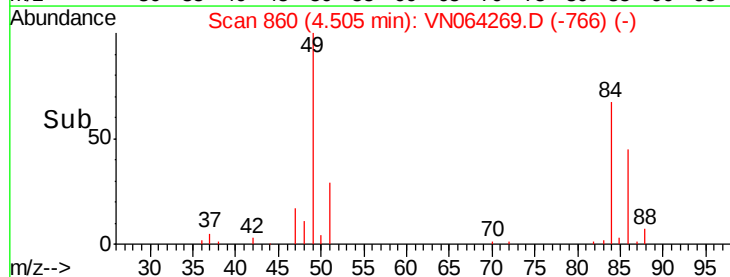
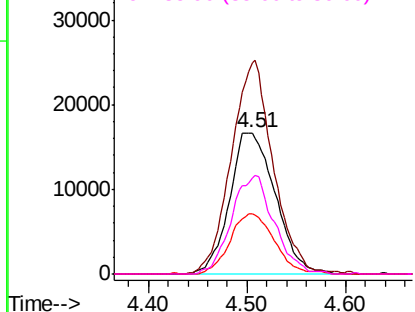
#20

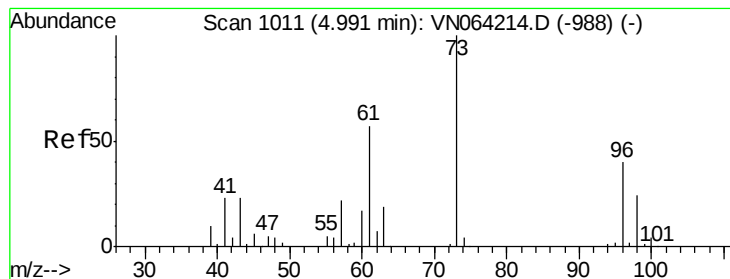
Methylene Chloride
 Concen: 18.305 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 84 Resp: 53554
 Ion Ratio Lower Upper
 84 100
 49 148.8 108.5 162.7
 51 43.0 33.8 50.8
 86 67.8 50.5 75.7



Abundance Ion 83.90 (83.60 to 84.60): VN064214.D (-837) (-)
 Ion 48.90 (48.60 to 49.60): VN064214.D (-837) (-)
 Ion 50.90 (50.60 to 51.60): VN064214.D (-837) (-)
 Ion 85.90 (85.60 to 86.60): VN064214.D (-837) (-)





#21

trans-1,2-Dichloroethene

Concen: 19.358 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

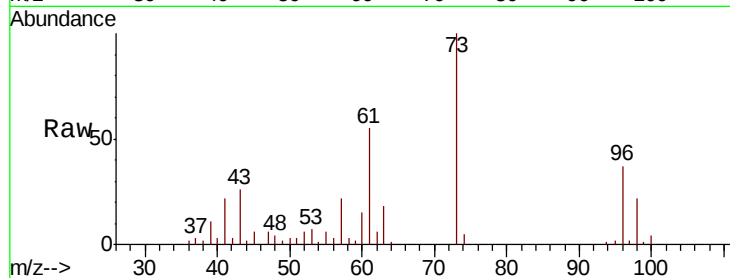
Tot Ion: 96 Resp: 51659

Ion Ratio Lower Upper

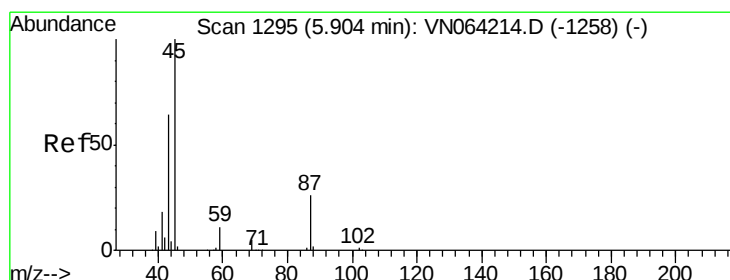
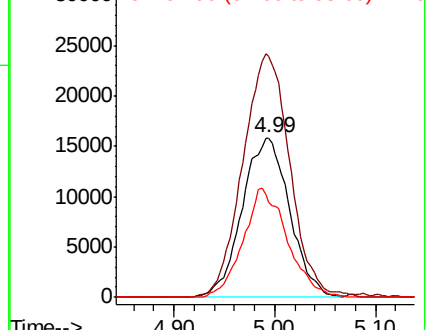
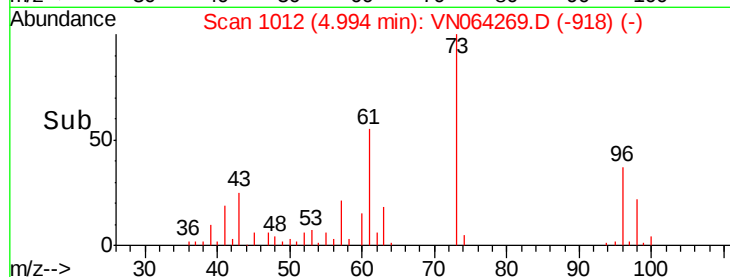
96 100

61 151.2 115.8 173.6

98 59.4 49.4 74.0



Abundance Ion 95.90 (95.60 to 96.60): VN064269.D (-1202) (-)



#22

Diisopropyl ether

Concen: 18.684 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Tgt Ion: 45 Resp: 168233

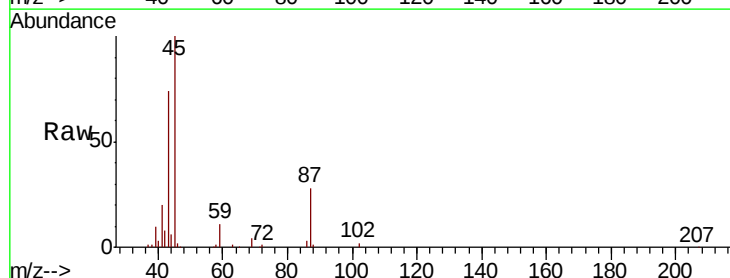
Ion Ratio Lower Upper

45 100

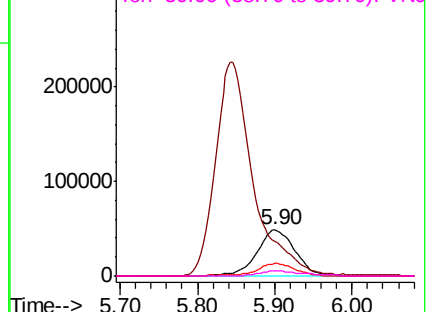
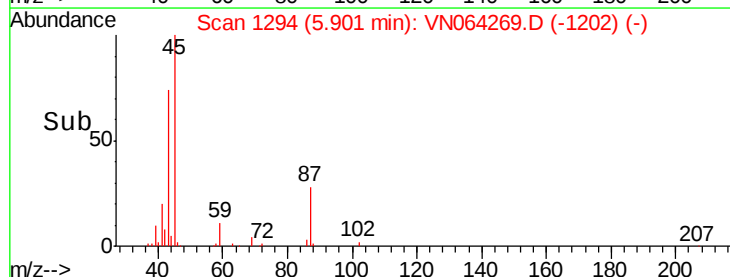
43 70.4 52.2 78.4

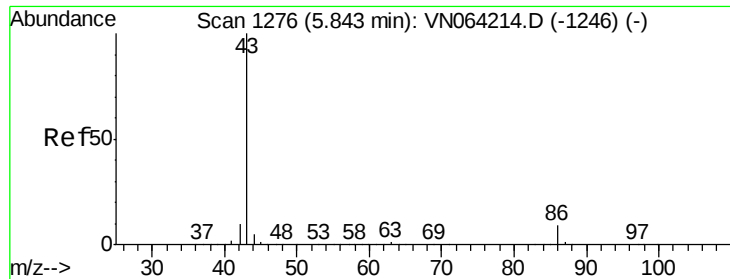
87 27.8 21.4 32.0

59 11.0 8.3 12.5



Abundance Ion 45.00 (44.70 to 45.70): VN064269.D (-1202) (-)

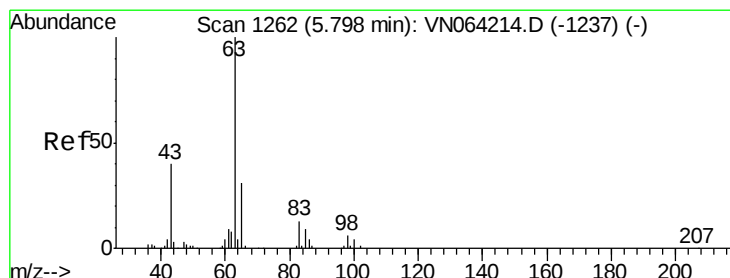
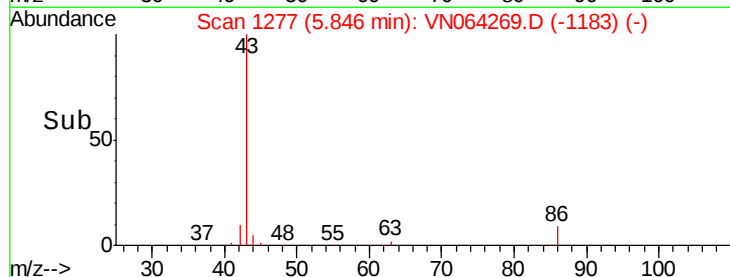
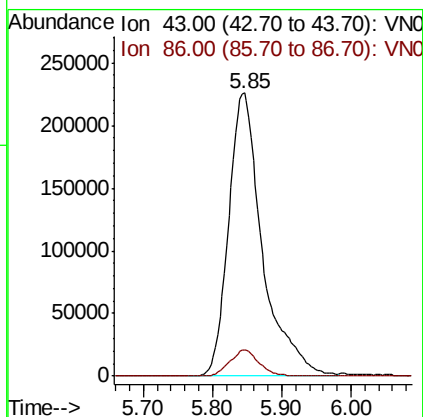
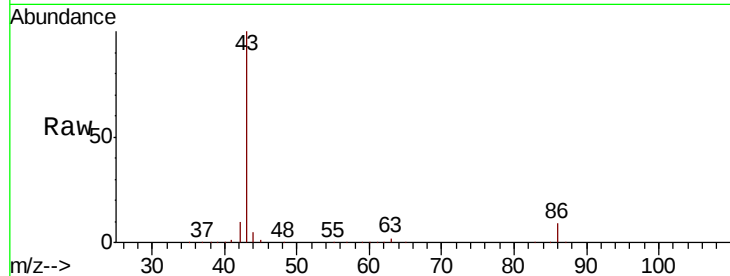




#23
 Vinyl Acetate
 Concen: 95.928 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

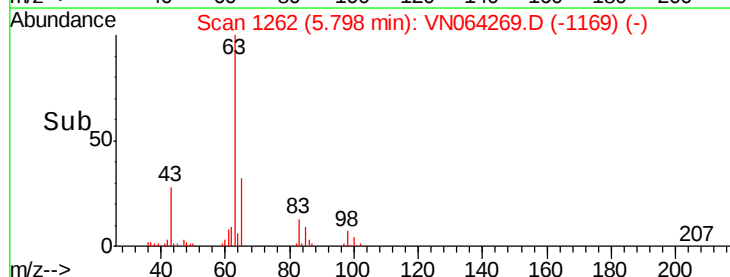
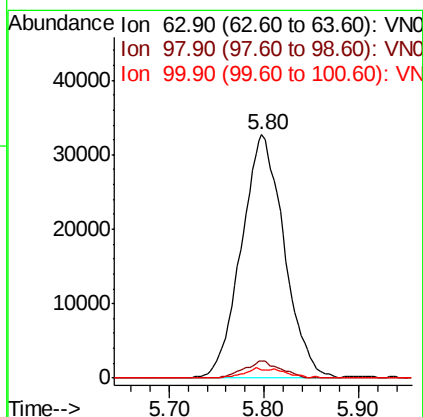
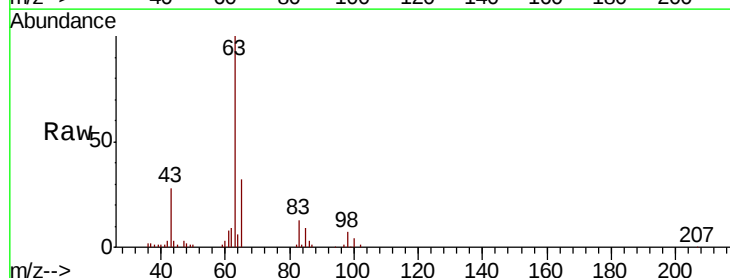
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

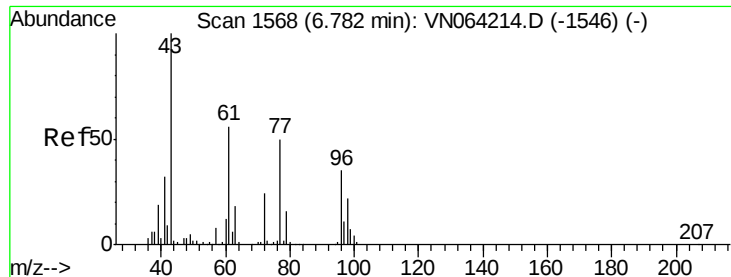
Tot Ion: 43 Resp: 770274
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 19.639 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 63 Resp: 102438
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.9 8.7
 100 3.6 2.0 6.0

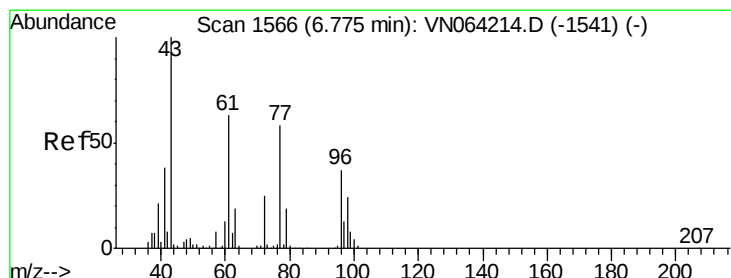
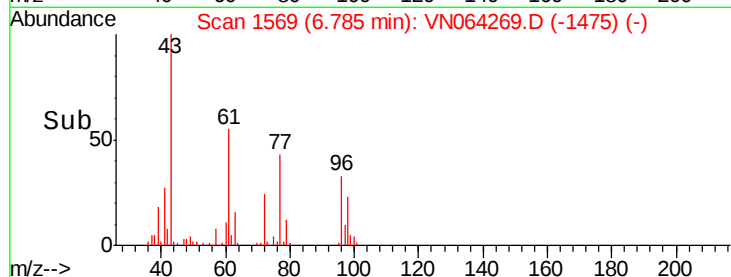
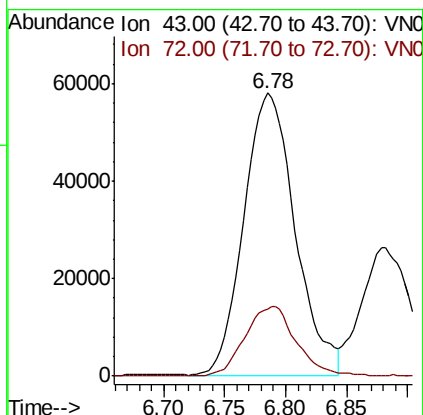
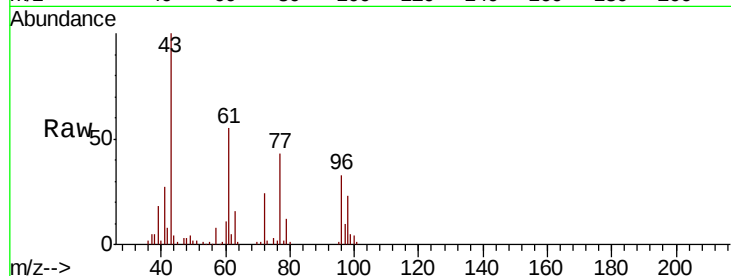




#25
2-Butanone
Concen: 96.740 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

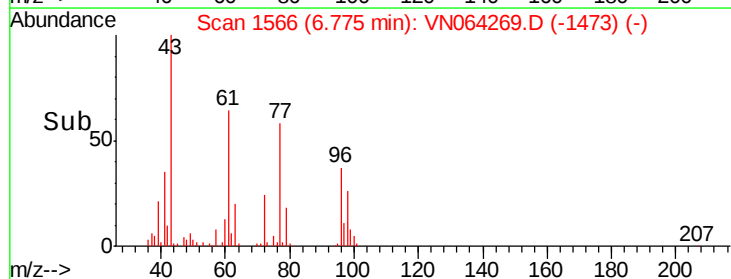
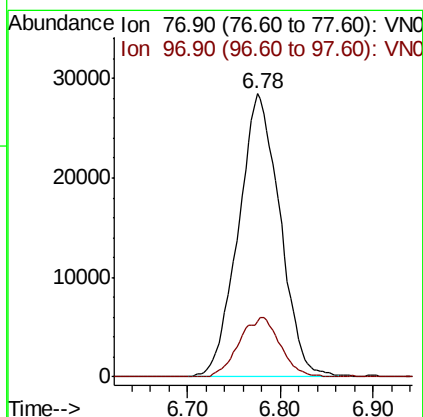
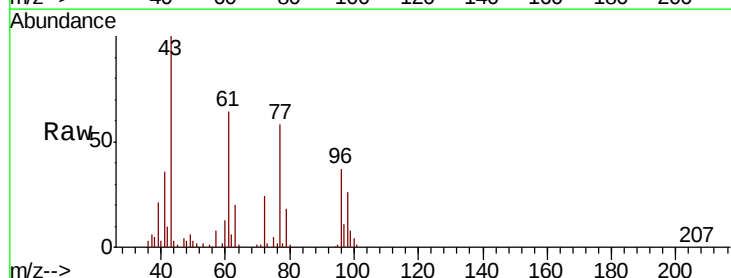
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

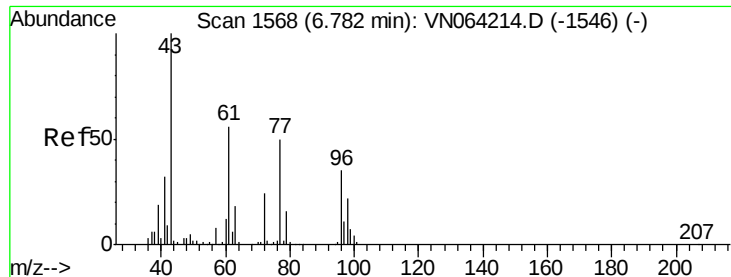
Tot Ion: 43 Resp: 168632
Ion Ratio Lower Upper
43 100
72 24.0 19.4 29.0



#26
2,2-Dichloropropane
Concen: 17.053 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 77 Resp: 88551
Ion Ratio Lower Upper
77 100
97 20.6 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 19.008 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

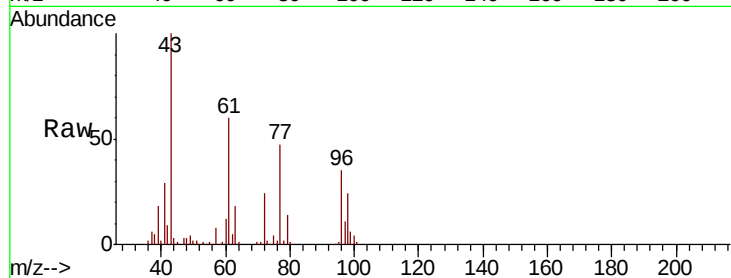
Tot Ion: 96 Resp: 59071

Ion Ratio Lower Upper

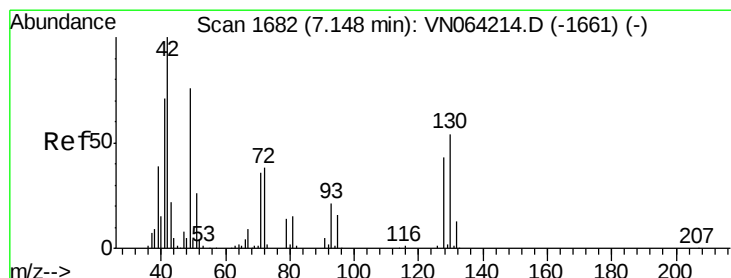
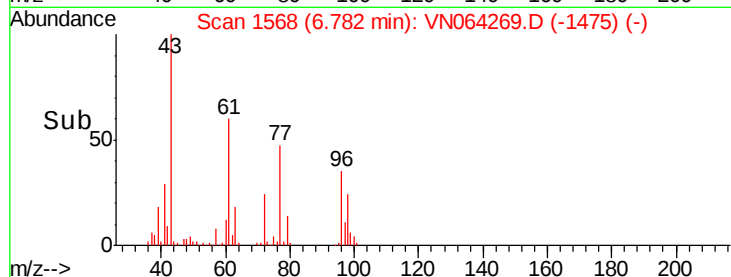
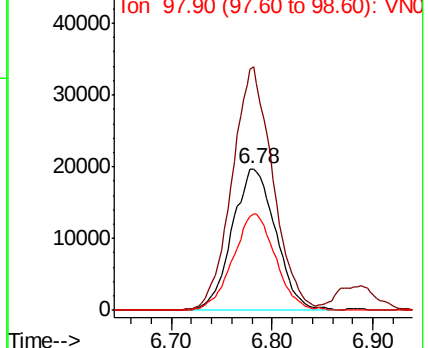
96 100

61 161.3 0.0 330.0

98 65.9 0.0 130.6



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



#28

Bromochloromethane

Concen: 21.534 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

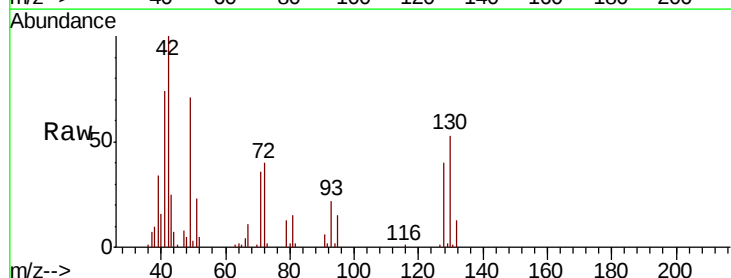
Tgt Ion: 49 Resp: 53359

Ion Ratio Lower Upper

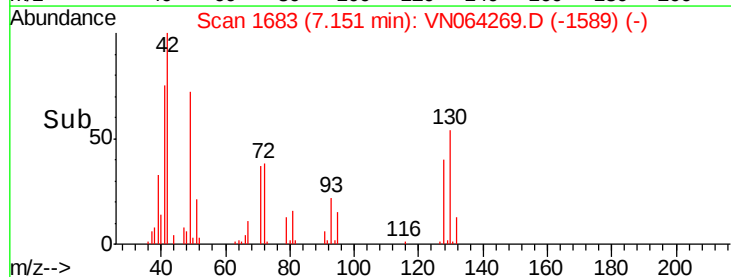
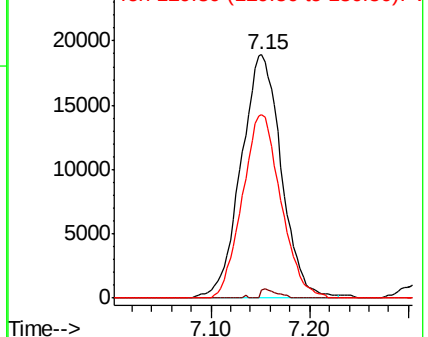
49 100

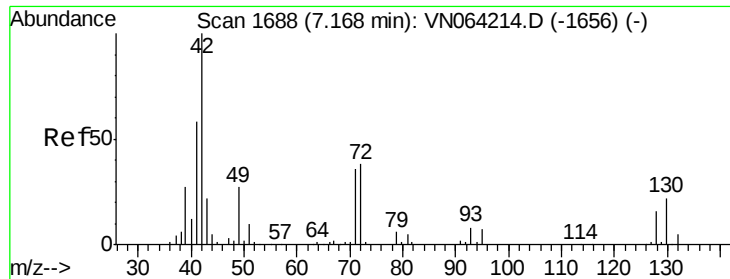
129 1.5 0.0 2.8

130 72.2 58.8 88.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

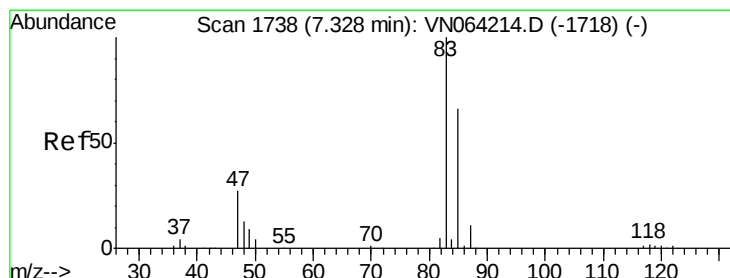
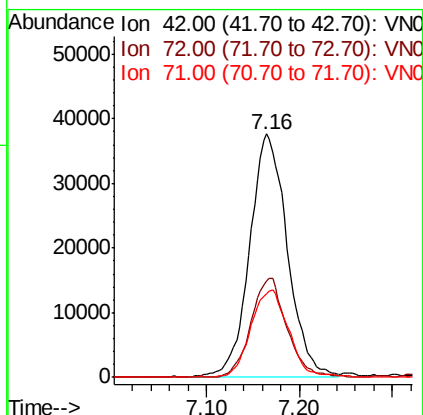
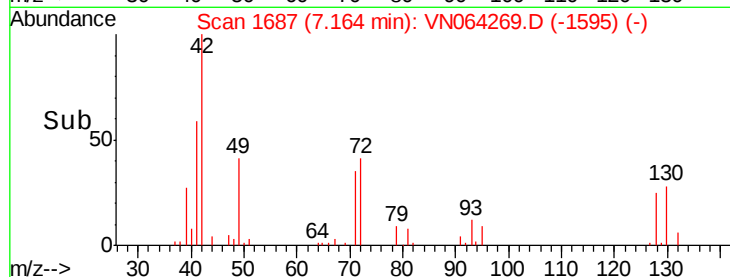
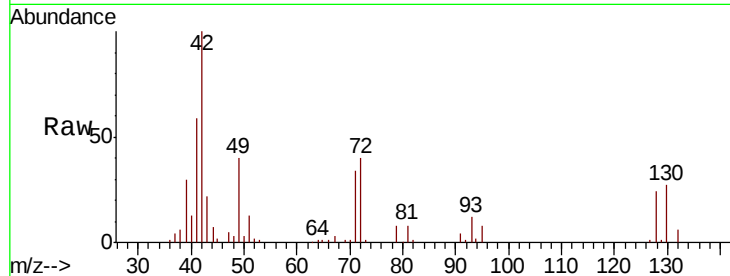




#29
Tetrahydrofuran
Concen: 102.277 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

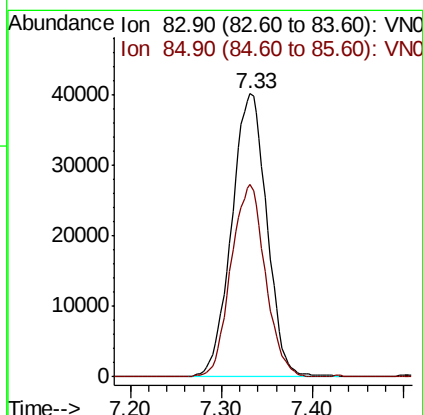
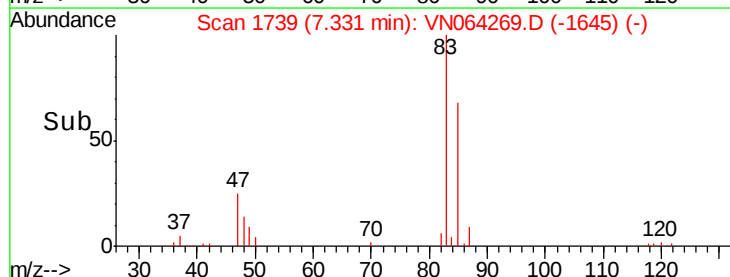
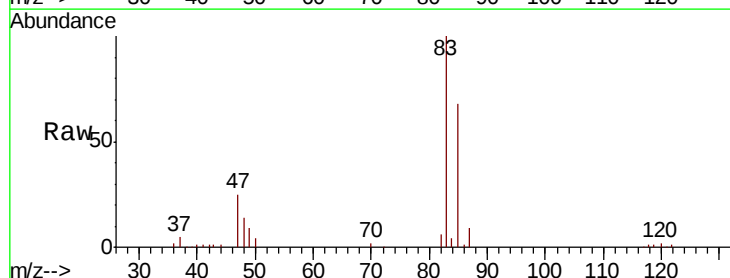
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

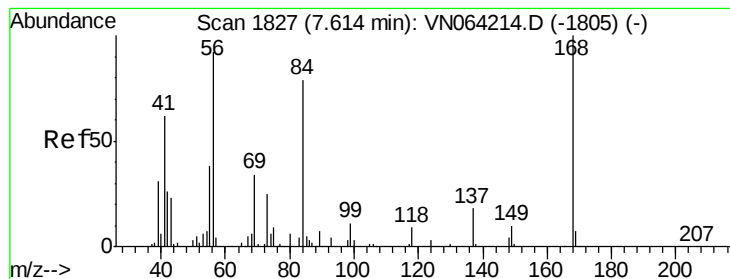
Tot Ion: 42 Resp: 106645
Ion Ratio Lower Upper
42 100
72 38.5 30.8 46.2
71 35.5 29.0 43.6



#30
Chloroform
Concen: 19.408 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 83 Resp: 107984
Ion Ratio Lower Upper
83 100
85 68.1 52.5 78.7





#31

Cyclohexane

Concen: 18.275 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

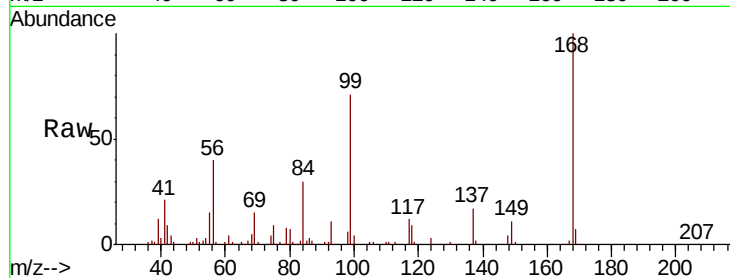
Tot Ion: 56 Resp: 83074

Ion Ratio Lower Upper

56 100

69 36.1 29.8 44.6

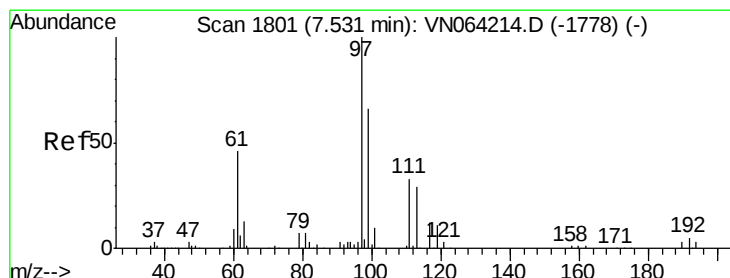
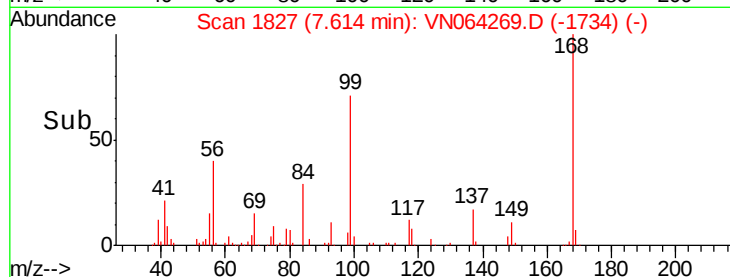
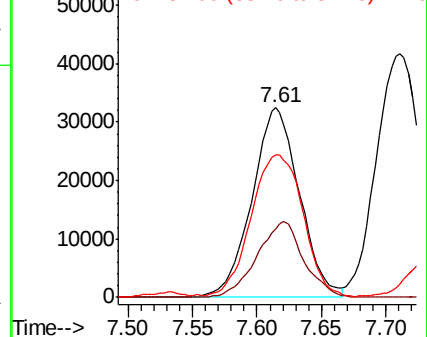
84 74.2 68.1 102.1



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: 19.684 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

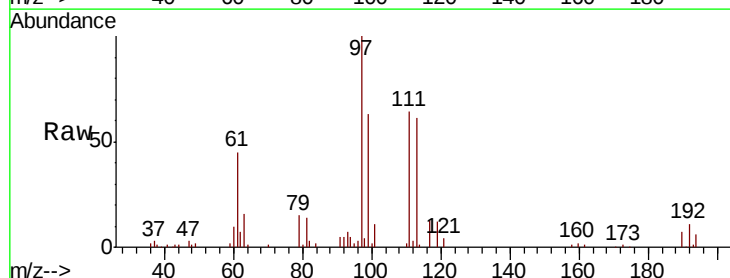
Tgt Ion: 97 Resp: 102596

Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

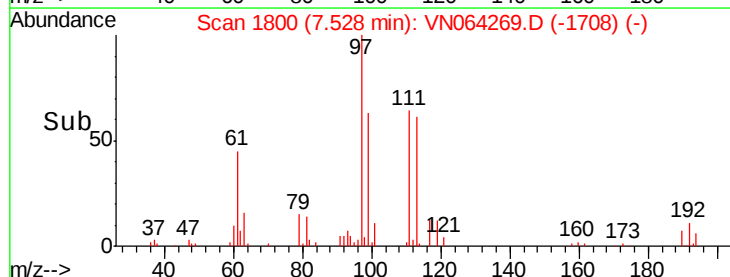
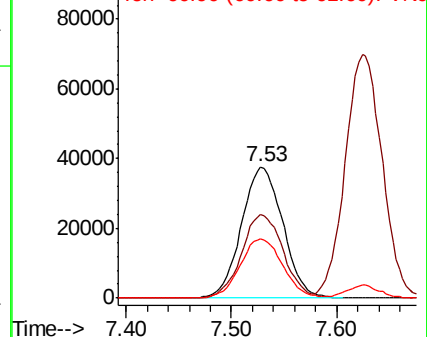
61 46.4 36.3 54.5

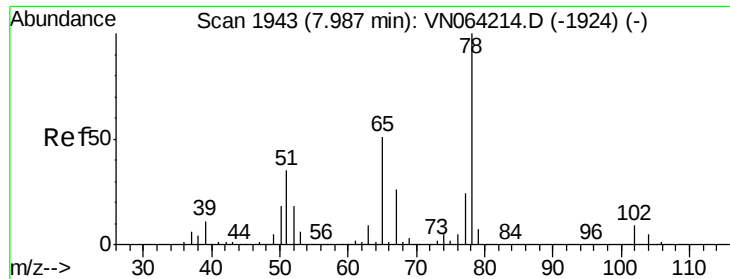


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

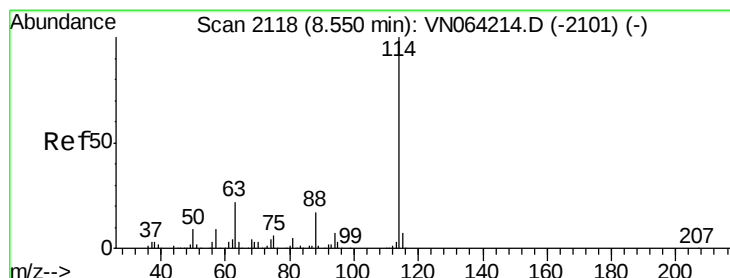
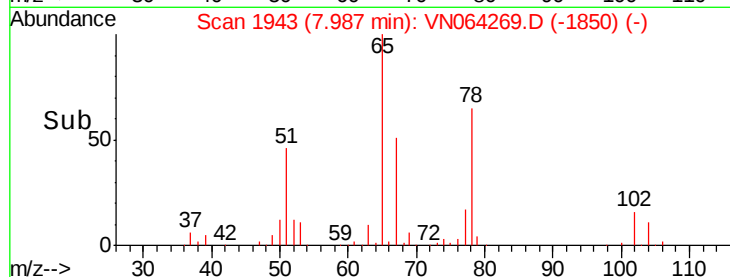
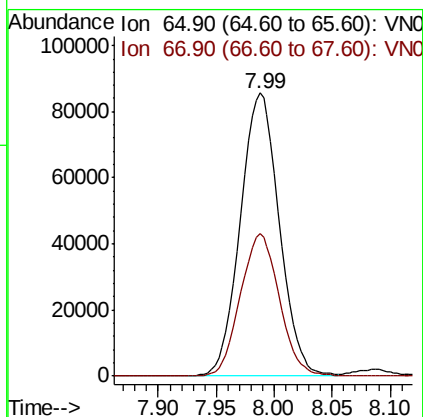
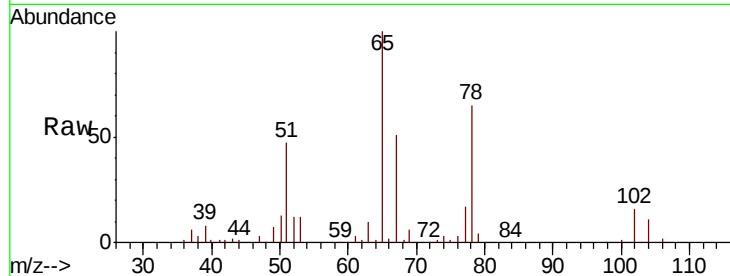




#33
 1,2-Dichloroethane-d4
 Concen: 52.253 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

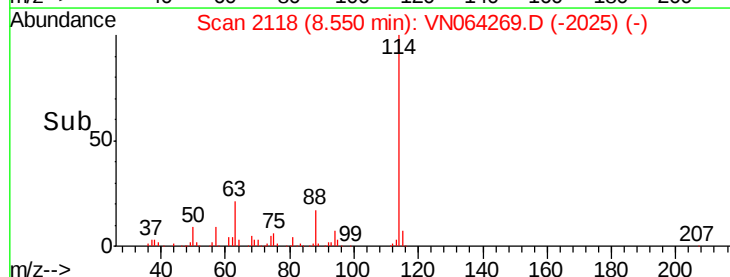
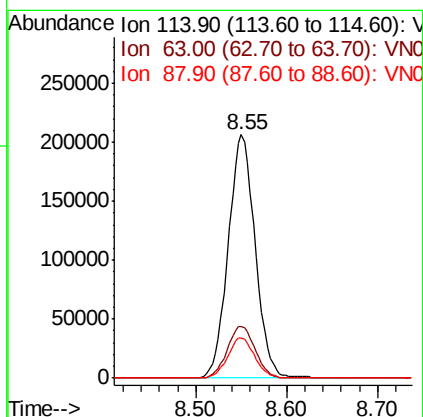
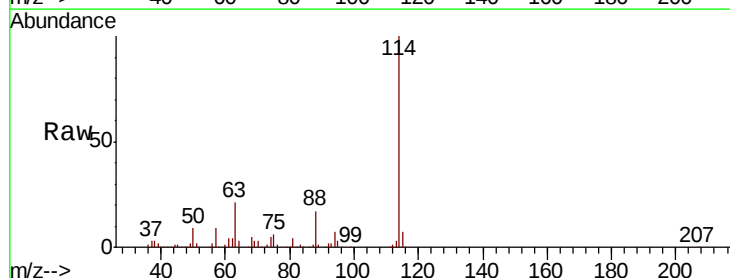
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

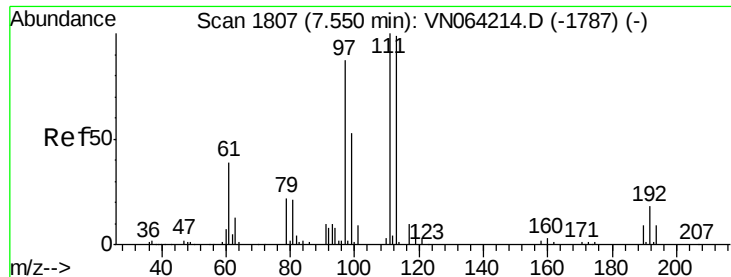
Tot Ion: 65 Resp: 200368
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 114 Resp: 423900
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.0
 88 16.6 0.0 34.2

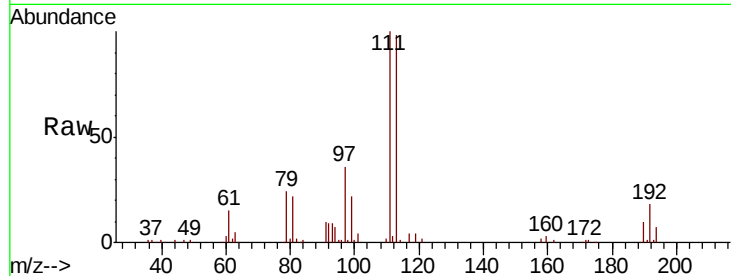




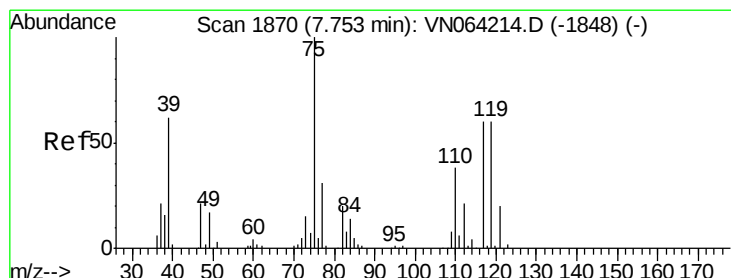
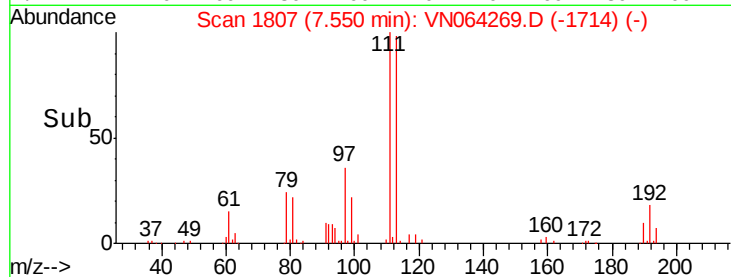
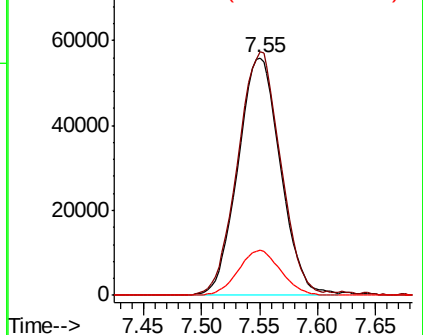
#35
 Dibromofluoromethane
 Concen: 50.704 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

Tot Ion:113 Resp: 142898
 Ion Ratio Lower Upper
 113 100
 111 102.9 84.2 126.2
 192 18.8 15.2 22.8

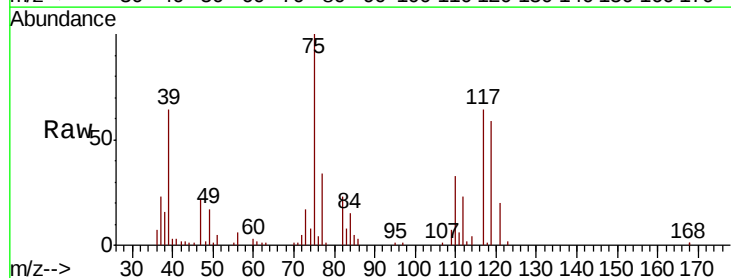


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

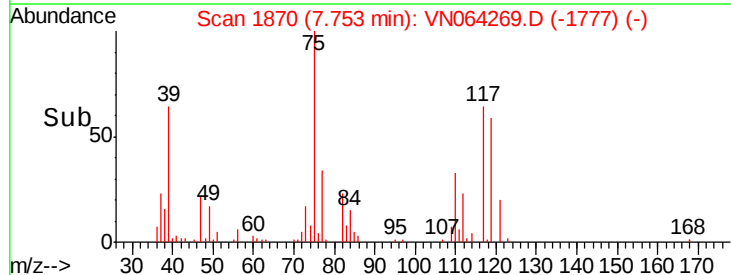
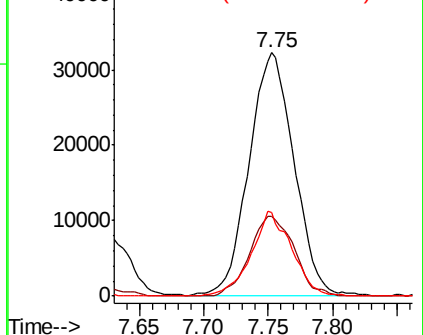


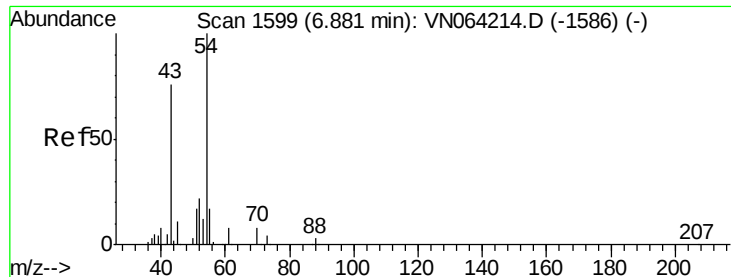
#36
 1,1-Dichloropropene
 Concen: 18.554 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 75 Resp: 78411
 Ion Ratio Lower Upper
 75 100
 110 32.3 17.2 51.6
 77 31.2 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

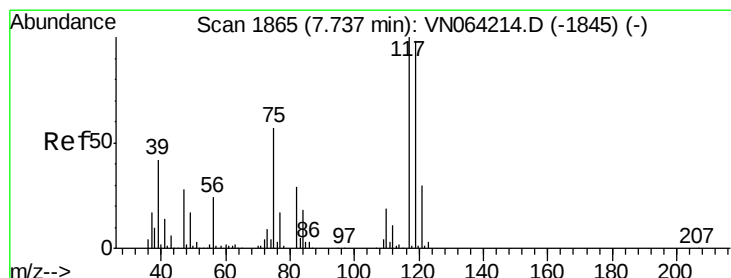
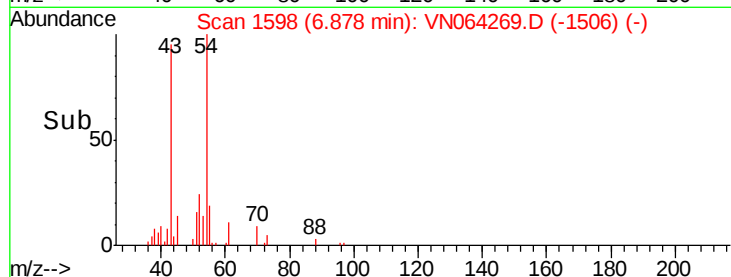
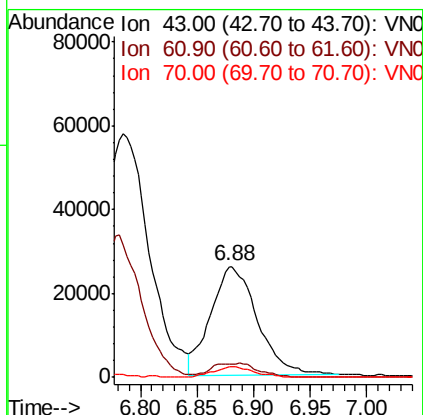
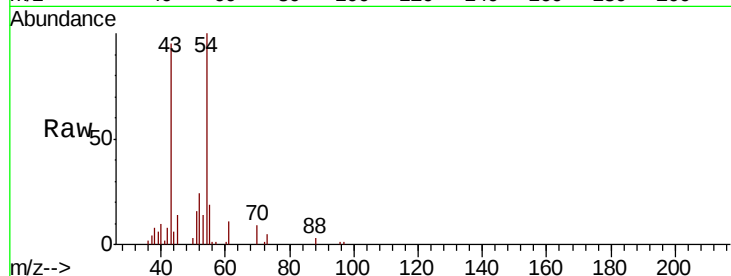




#37
Ethyl Acetate
Concen: 19.289 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

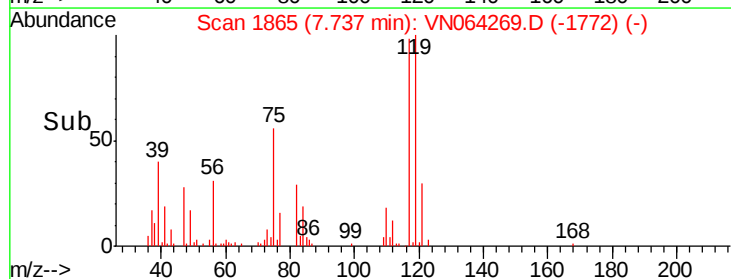
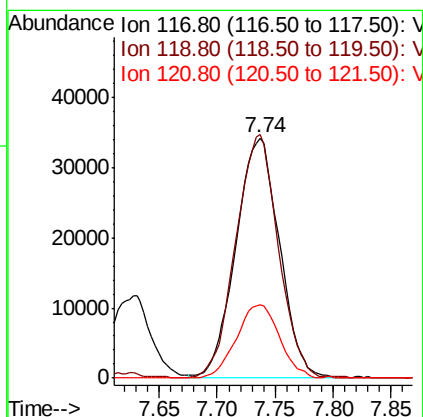
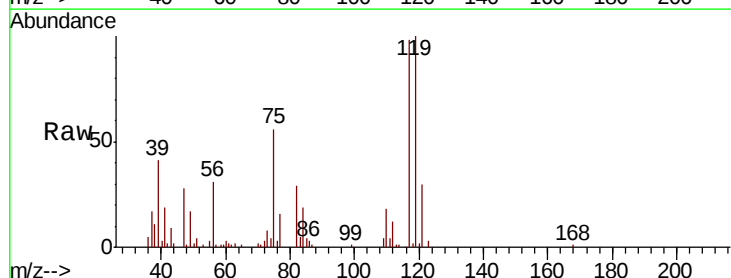
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

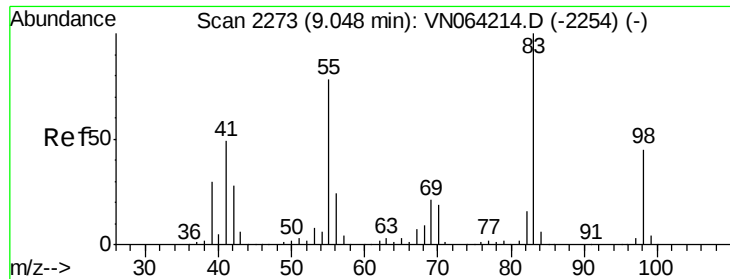
Tot Ion: 43 Resp: 74011
Ion Ratio Lower Upper
43 100
61 13.2 10.0 15.0
70 8.7 7.5 11.3



#38
Carbon Tetrachloride
Concen: 18.644 ug/l
RT: 7.74 min Scan# 1865
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 117 Resp: 89646
Ion Ratio Lower Upper
117 100
119 101.5 78.5 117.7
121 30.6 24.3 36.5

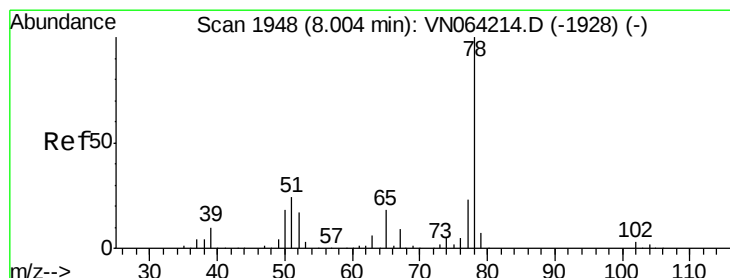
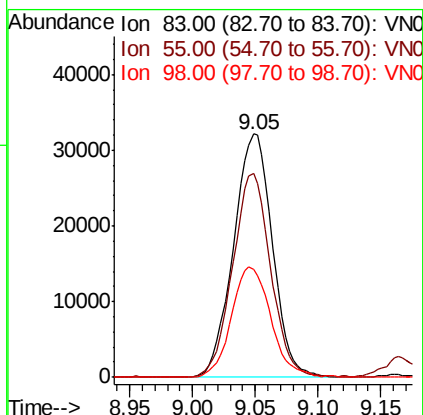
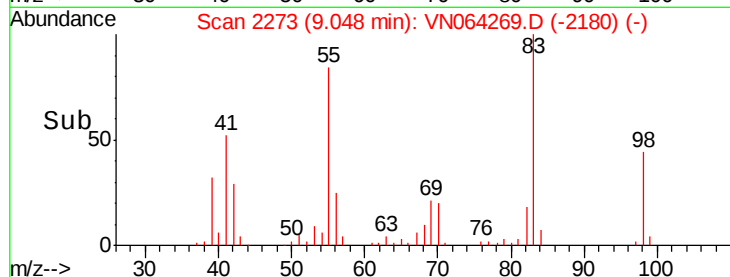
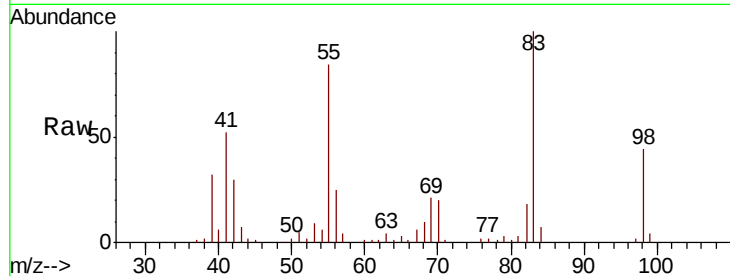




#39
Methvlcvclohexane
Concen: 18.031 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

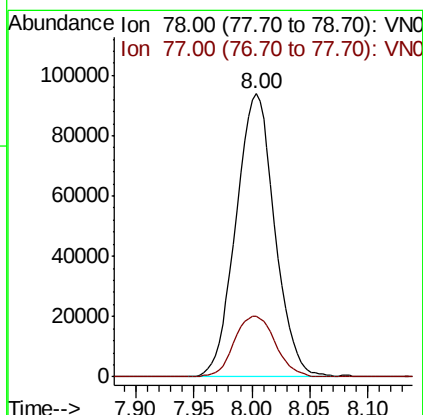
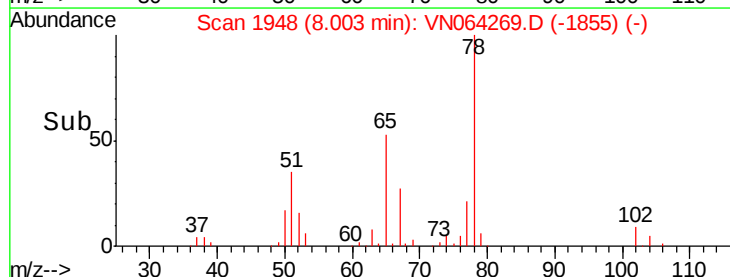
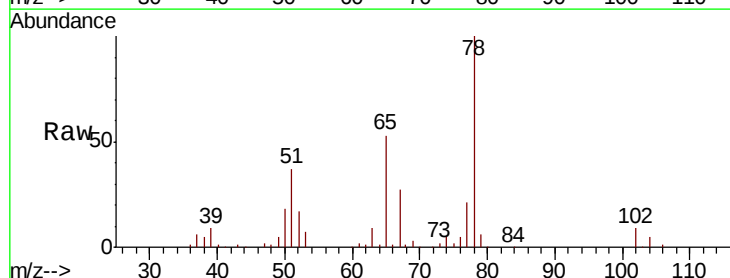
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

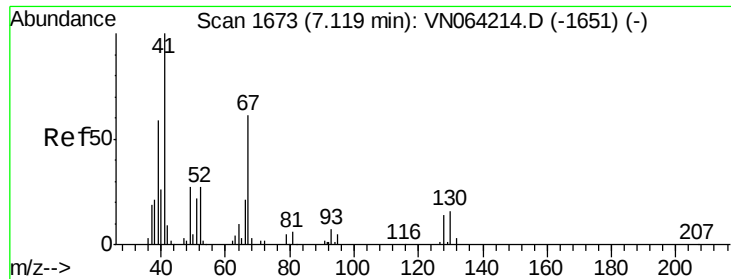
Tot Ion: 83 Resp: 69287
Ion Ratio Lower Upper
83 100
55 83.7 62.2 93.2
98 44.2 35.9 53.9



#40
Benzene
Concen: 18.761 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 78 Resp: 218861
Ion Ratio Lower Upper
78 100
77 21.4 18.3 27.5

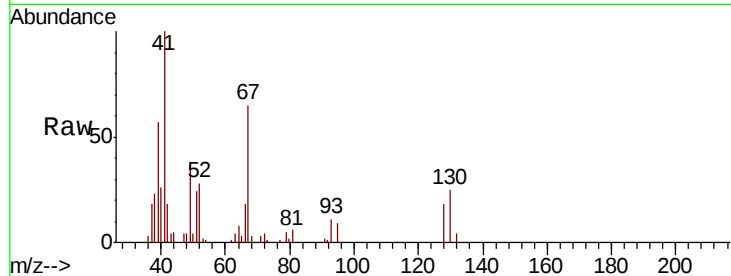




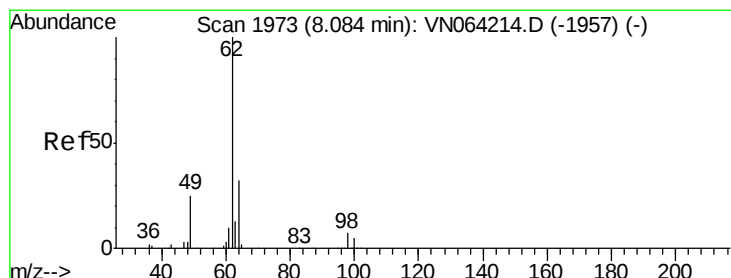
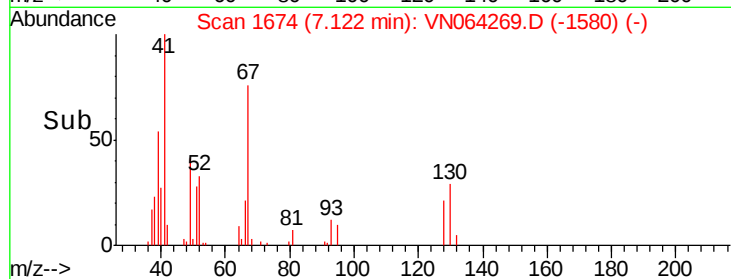
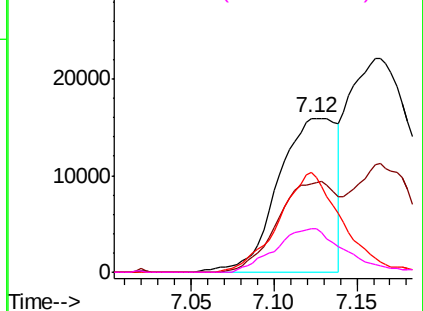
#41
Methacrylonitrile
Concen: 19.395 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tot Ion:	41	Resp:	39038
Ion	Ratio	Lower	Upper
41	100		
39	61.7	50.5	75.7
67	69.9	63.2	94.8
52	33.3	29.3	43.9

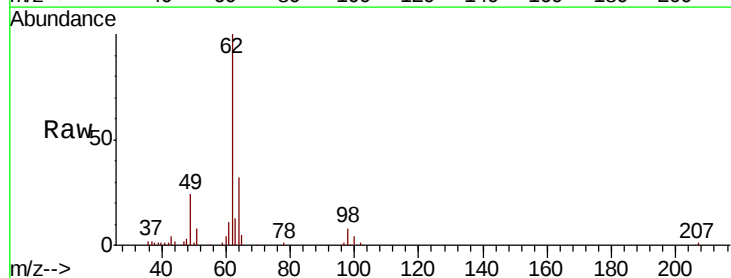


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

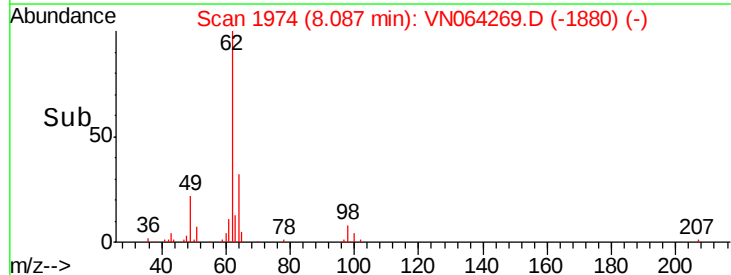
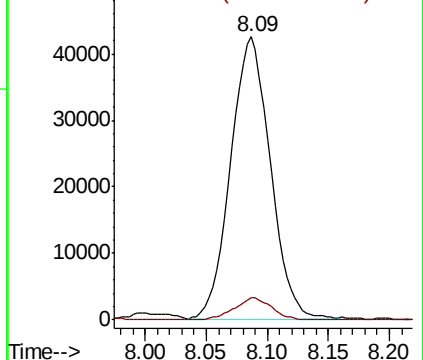


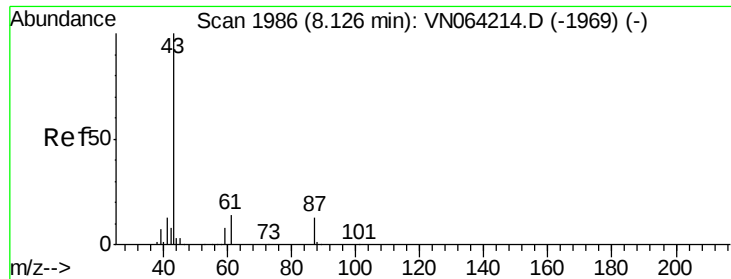
#42
1,2-Dichloroethane
Concen: 19.111 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion:	62	Resp:	95506
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	15.0



Abundance Ion 61.90 (61.60 to 62.60): VNO
Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 19.235 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

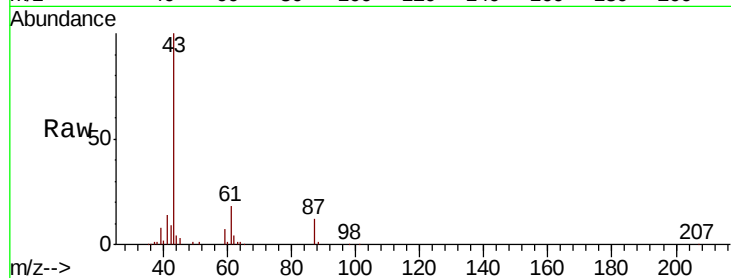
Tot Ion: 43 Resp: 137550

Ion Ratio Lower Upper

43 100

61 25.1 19.6 29.4

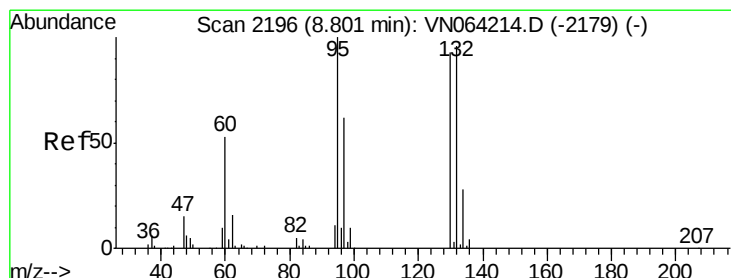
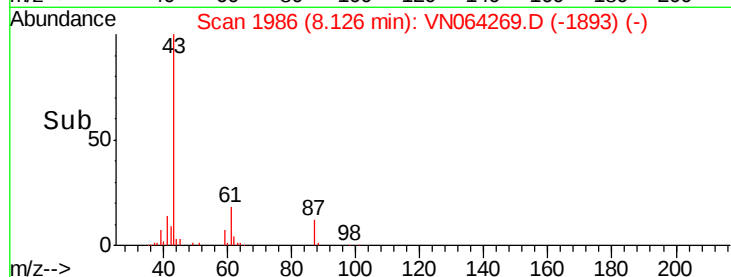
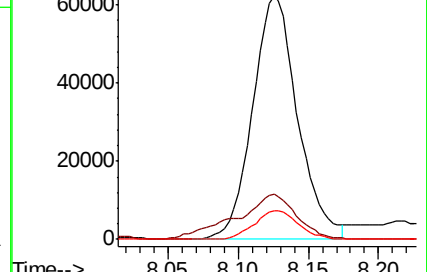
87 11.7 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VN064214.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN064214.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN064214.D (-1969) (-)



#44

Trichloroethene

Concen: 18.741 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064269.D

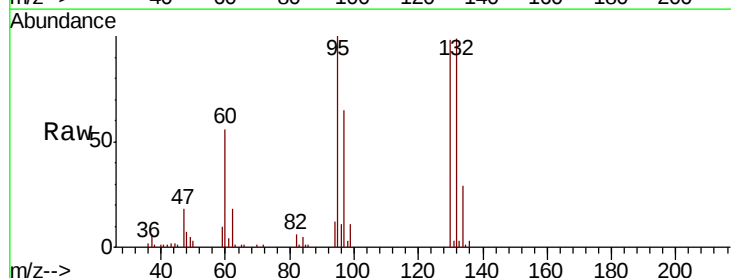
Acq: 22 Oct 2020 22:49

Tgt Ion:130 Resp: 59577

Ion Ratio Lower Upper

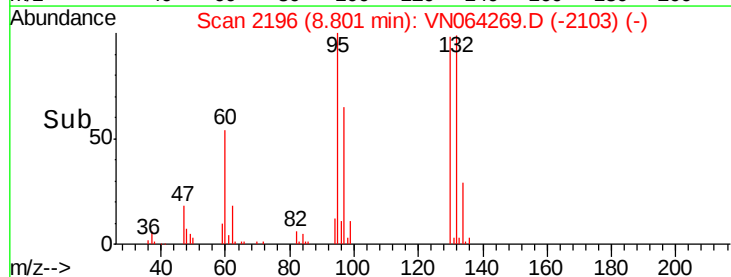
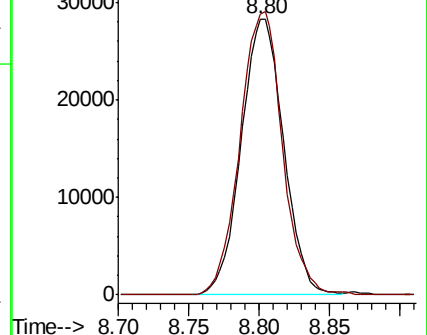
130 100

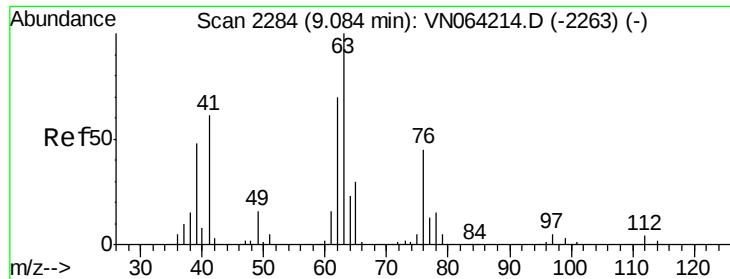
95 101.7 0.0 214.0



Abundance Ion 129.80 (129.50 to 130.50): VN064214.D (-2179) (-)

Ion 94.90 (94.60 to 95.60): VN064214.D (-2179) (-)

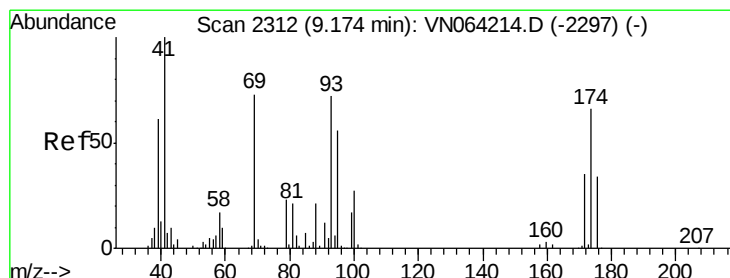
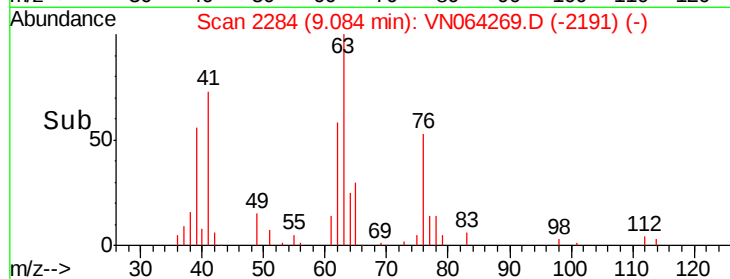
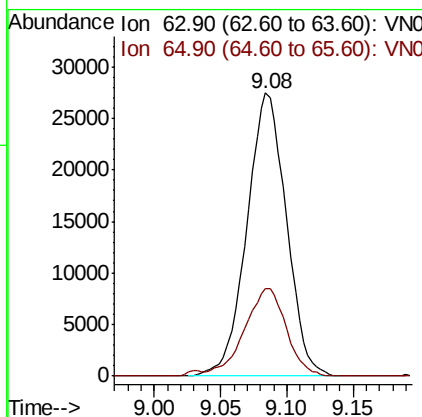
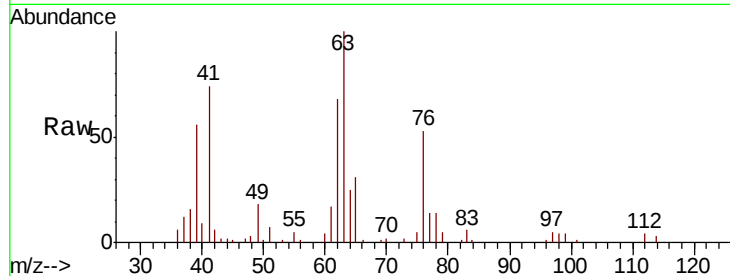




#45
 1,2-Dichloropropane
 Concen: 18.253 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

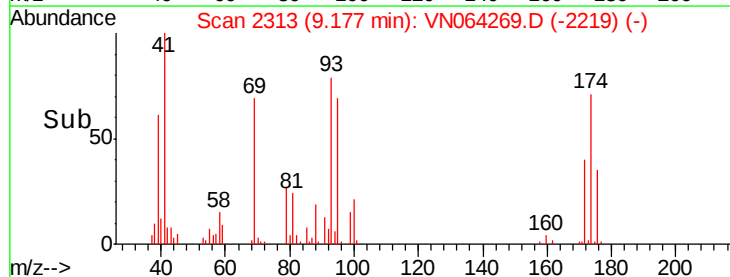
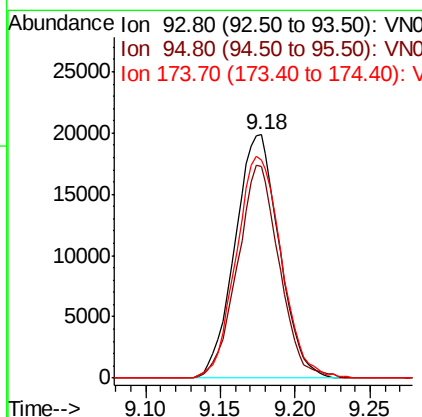
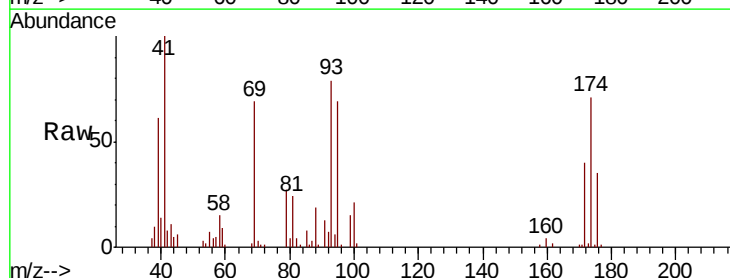
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

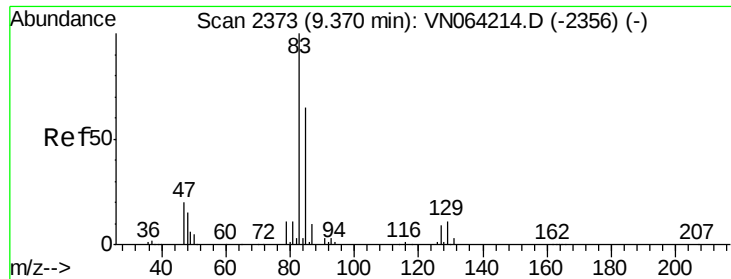
Tot Ion: 63 Resp: 56845
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.0 36.0



#46
 Dibromomethane
 Concen: 19.571 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 93 Resp: 40926
 Ion Ratio Lower Upper
 93 100
 95 82.3 63.0 94.4
 174 92.9 72.9 109.3

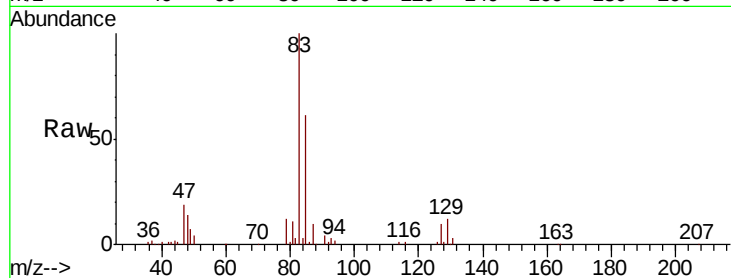




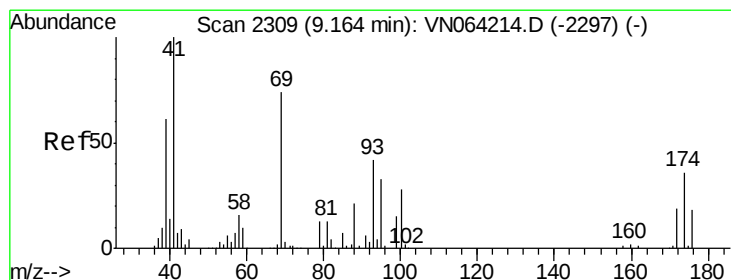
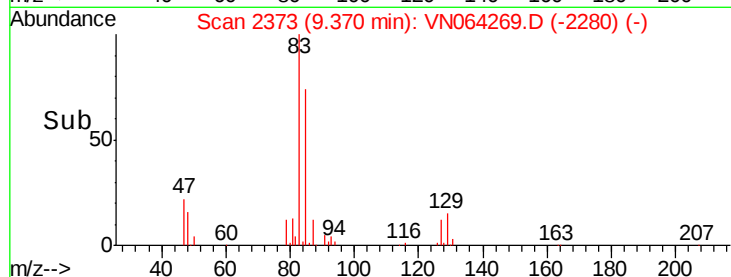
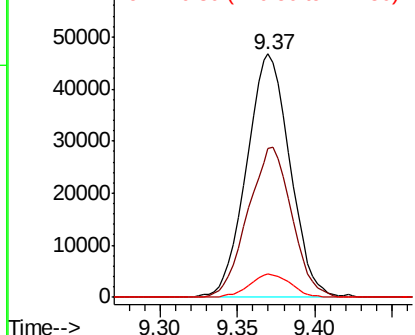
#47
Bromodichloromethane
Concen: 19.676 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tot Ion: 83 Resp: 90905
Ion Ratio Lower Upper
83 100
85 61.0 51.8 77.8
127 9.5 7.4 11.0

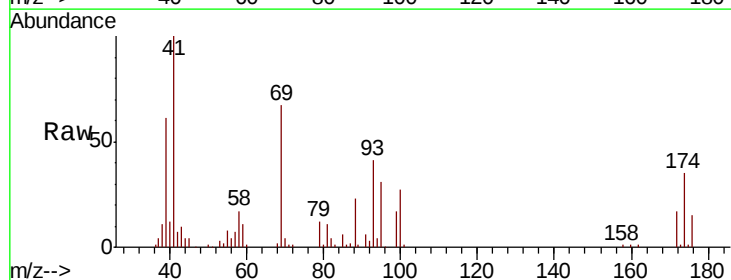


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

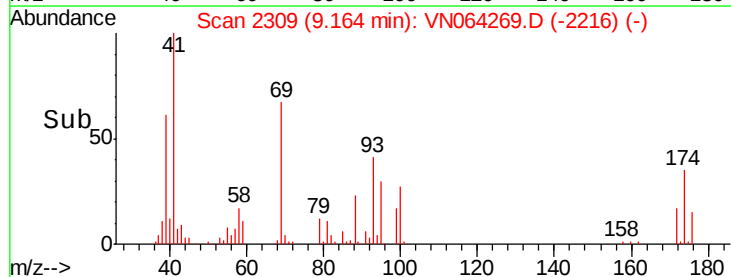
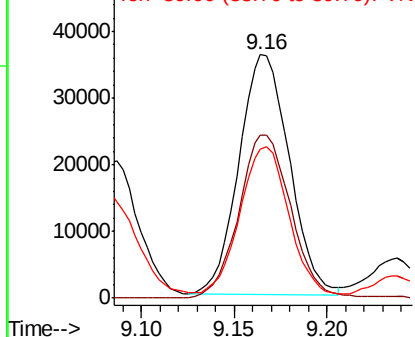


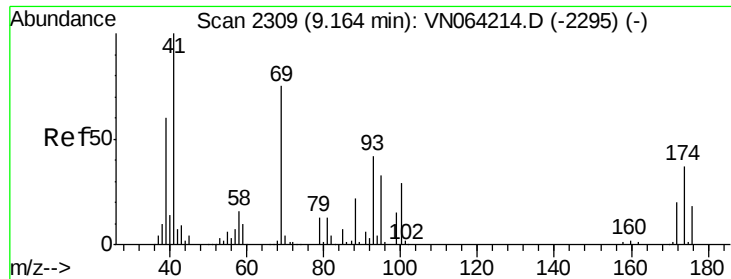
#48
Methyl methacrylate
Concen: 18.278 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 41 Resp: 68278
Ion Ratio Lower Upper
41 100
69 69.8 57.3 85.9
39 61.7 48.6 73.0



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

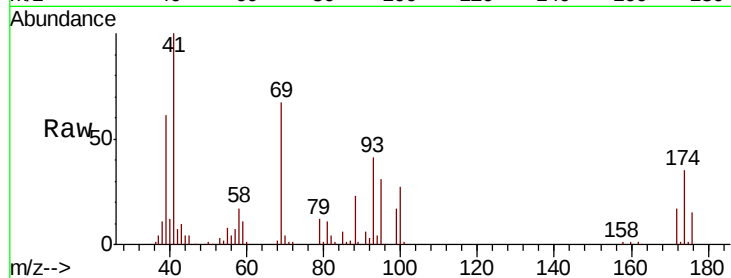




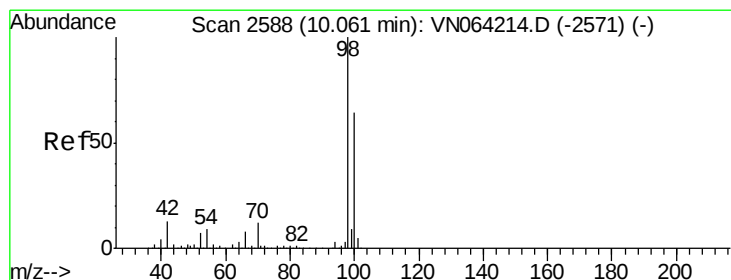
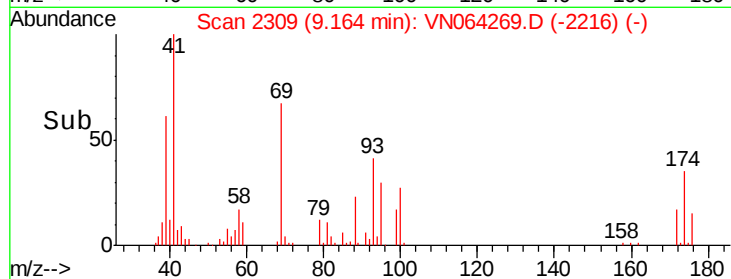
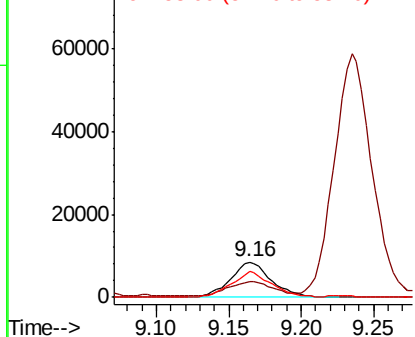
#49
1,4-Dioxane
Concen: 377.467 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tot Ion: 88 Resp: 16498
Ion Ratio Lower Upper
88 100
43 44.4 34.6 52.0
58 72.6 59.0 88.6

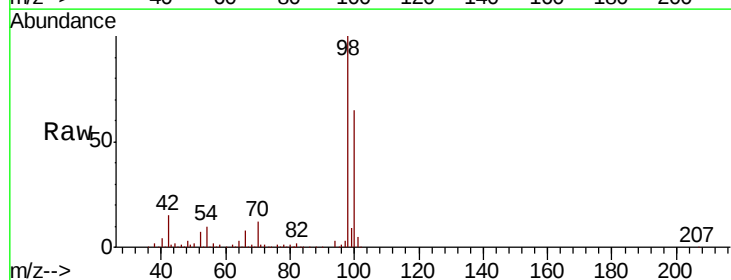


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

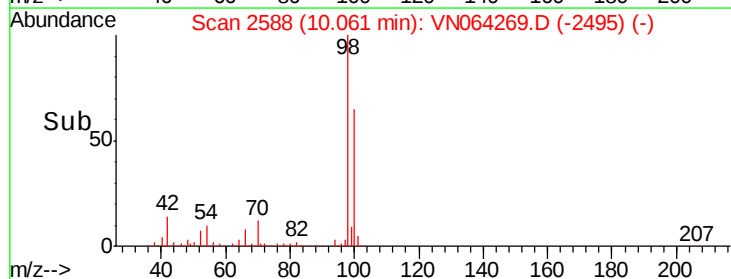
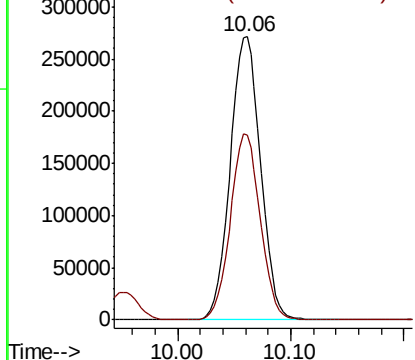


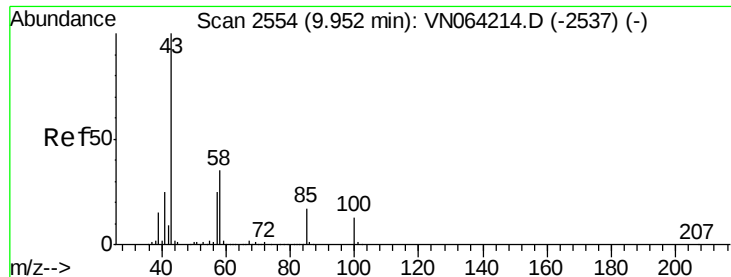
#50
Toluene-d8
Concen: 49.643 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 98 Resp: 507516
Ion Ratio Lower Upper
98 100
100 64.6 50.8 76.2



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

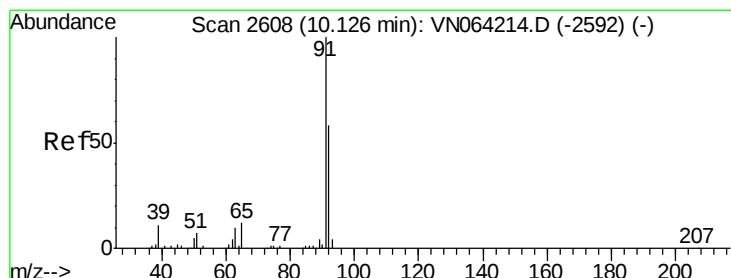
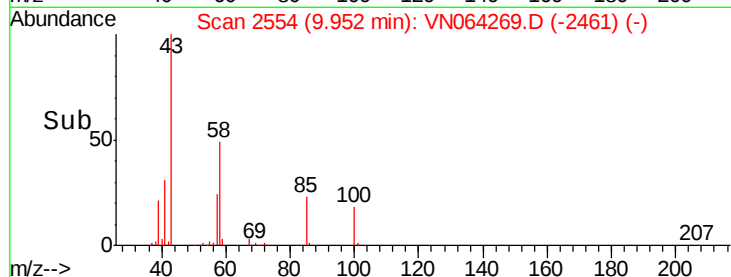
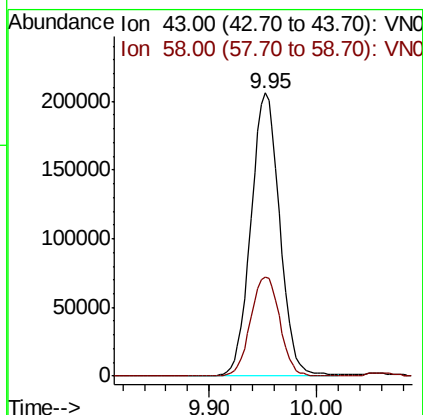
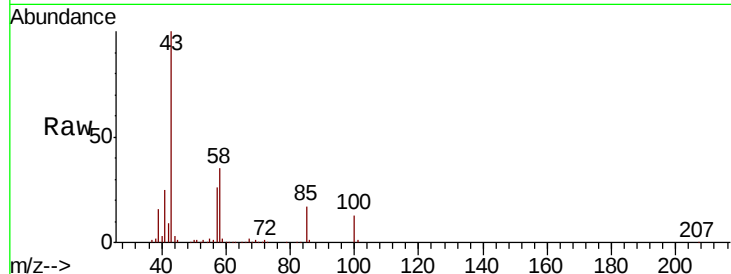




#51
 4-Methyl-2-Pentanone
 Concen: 99.099 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

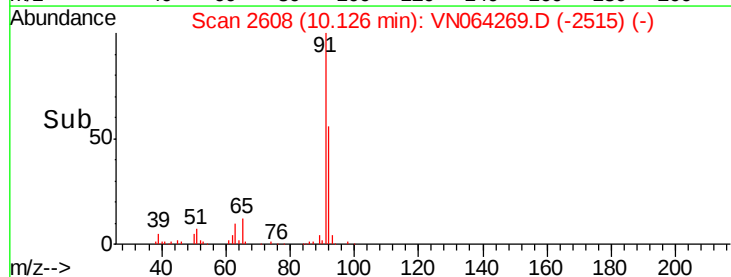
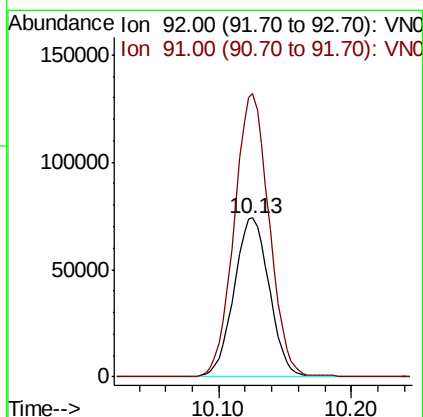
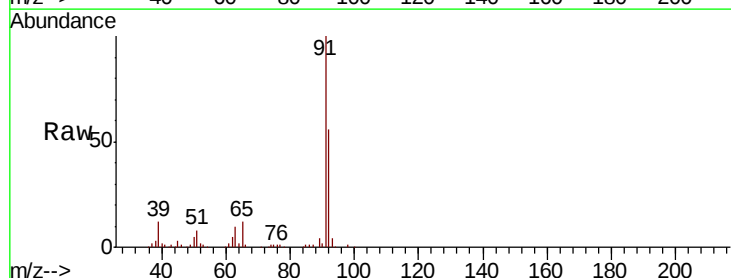
Instrument :
 MSVOA_N
 ClientSampleID :
 VN1022WBSD02

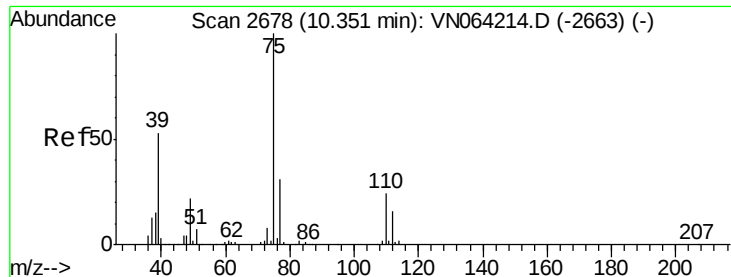
Tot Ion: 43 Resp: 378738
 Ion Ratio Lower Upper
 43 100
 58 35.8 28.6 42.8



#52
 Toluene
 Concen: 18.322 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 92 Resp: 136764
 Ion Ratio Lower Upper
 92 100
 91 176.2 137.4 206.2





#53

t-1,3-Dichloropropene

Concen: 18.037 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

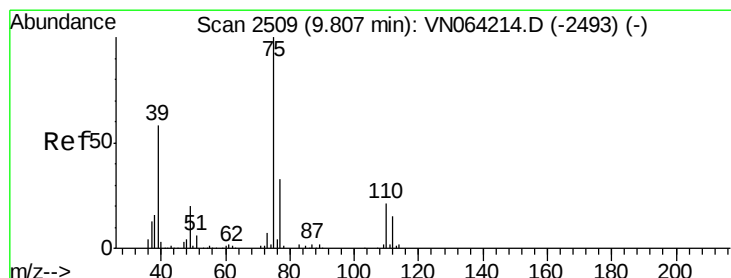
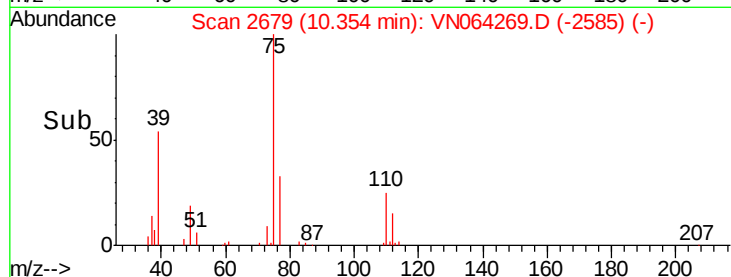
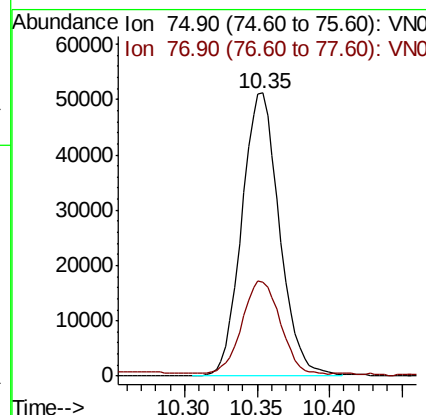
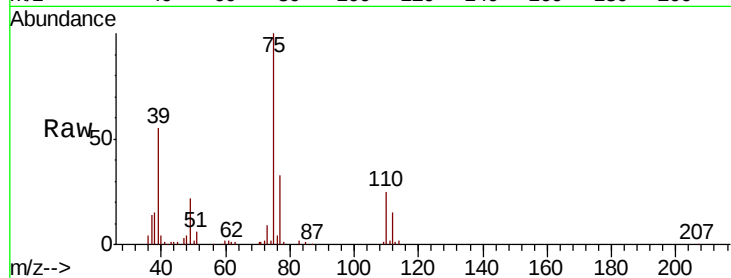
VN1022WBSD02

Tot Ion: 75 Resp: 92569

Ion Ratio Lower Upper

75 100

77 32.4 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.373 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

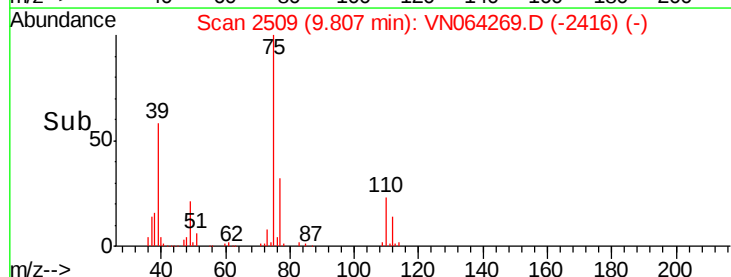
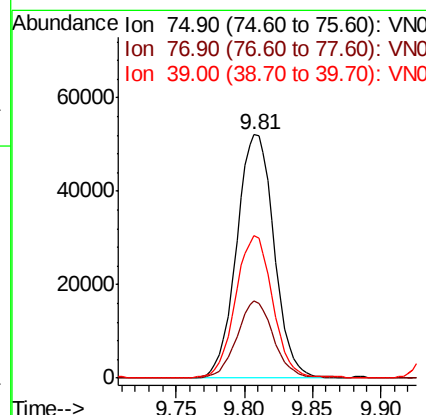
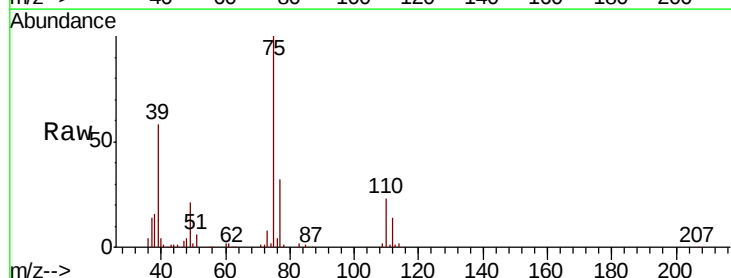
Tgt Ion: 75 Resp: 99285

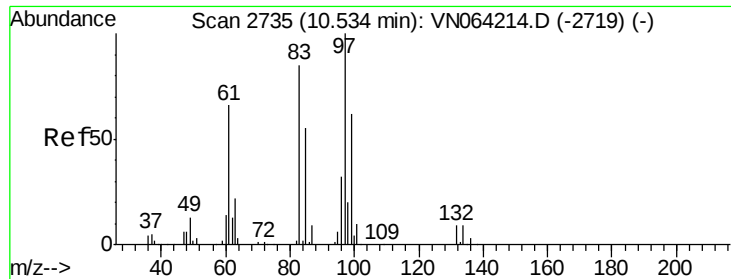
Ion Ratio Lower Upper

75 100

77 31.8 26.6 39.8

39 58.0 46.7 70.1

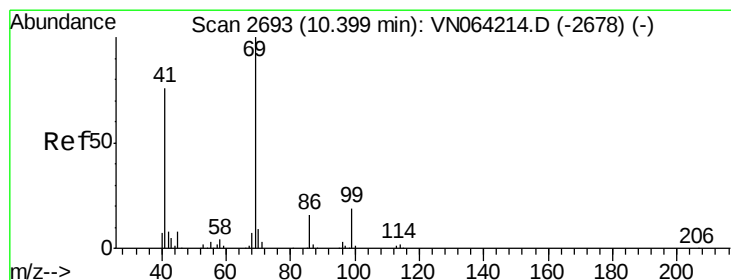
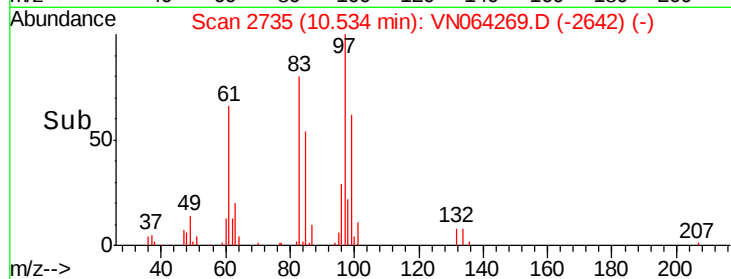
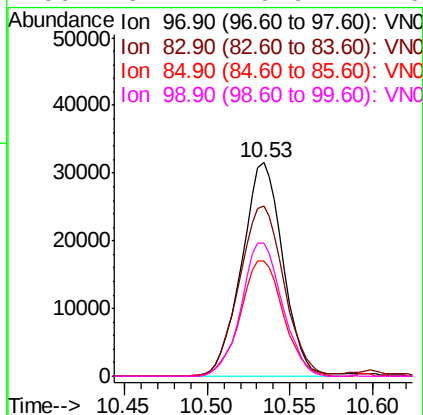
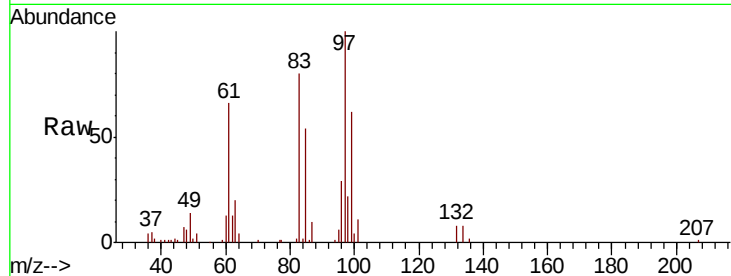




#55
 1,1,2-Trichloroethane
 Concen: 19.279 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

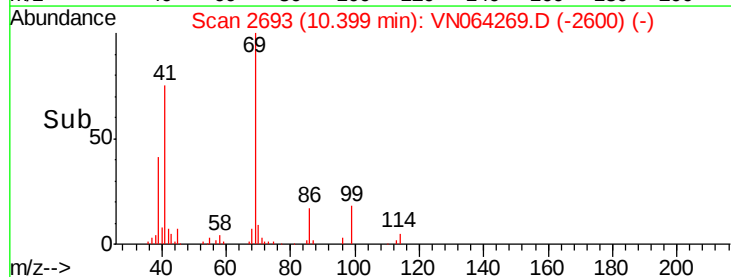
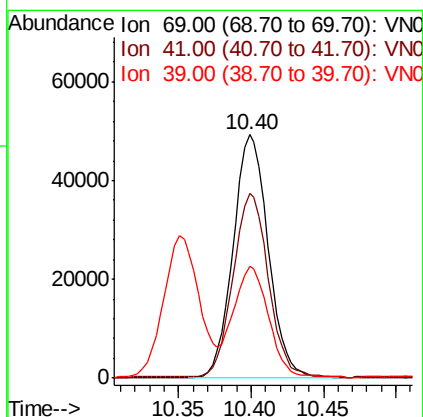
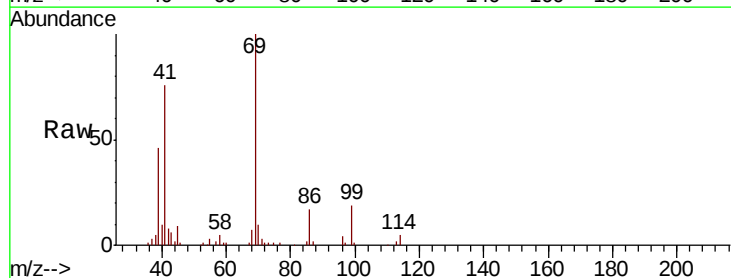
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

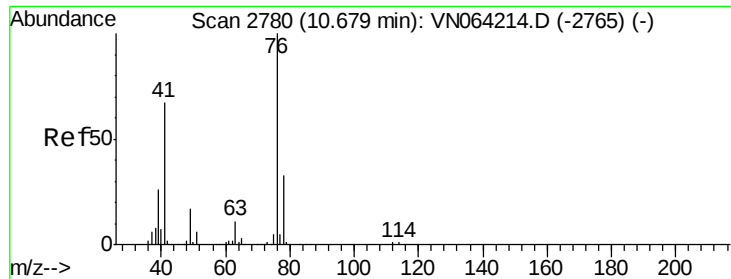
Tot Ion: 97 Resp: 54352
 Ion Ratio Lower Upper
 97 100
 83 80.0 67.8 101.6
 85 54.1 43.6 65.4
 99 62.2 49.9 74.9



#56
 Ethyl methacrylate
 Concen: 19.057 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 69 Resp: 83070
 Ion Ratio Lower Upper
 69 100
 41 75.0 61.4 92.2
 39 45.6 36.0 54.0

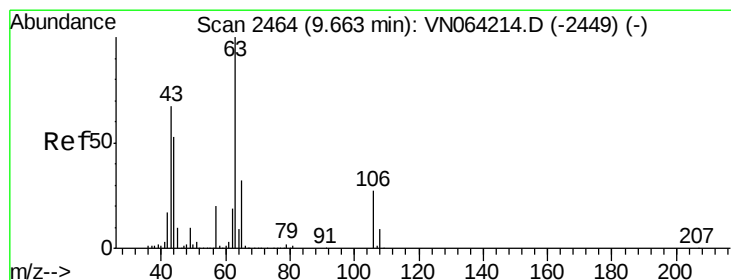
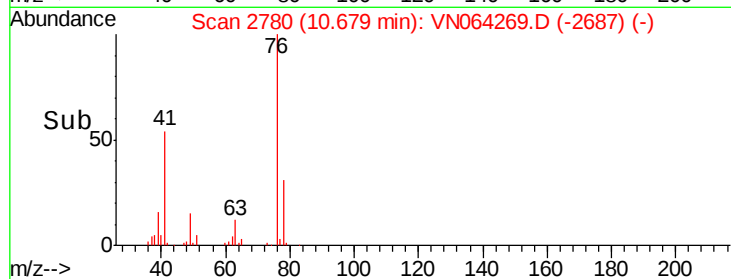
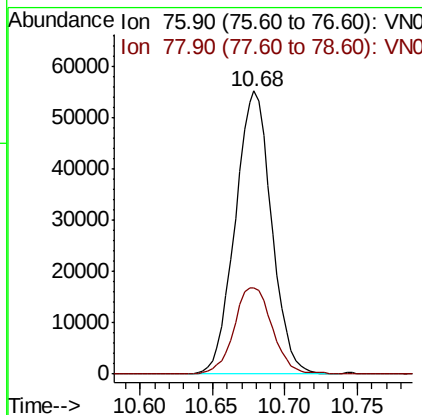
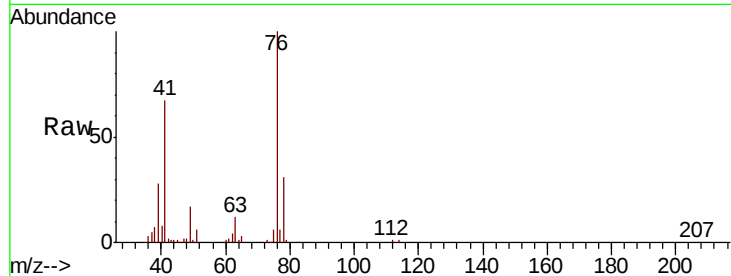




#57
 1,3-Dichloropropane
 Concen: 19.599 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

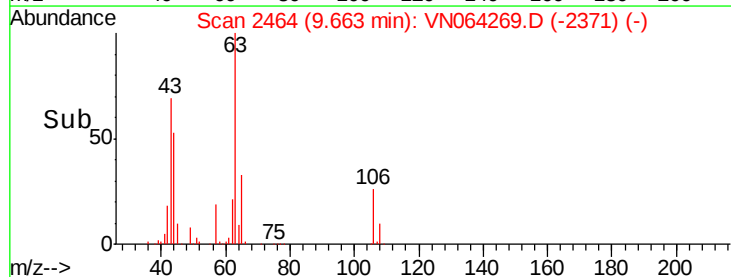
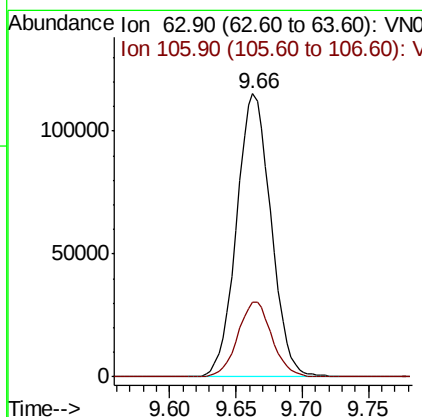
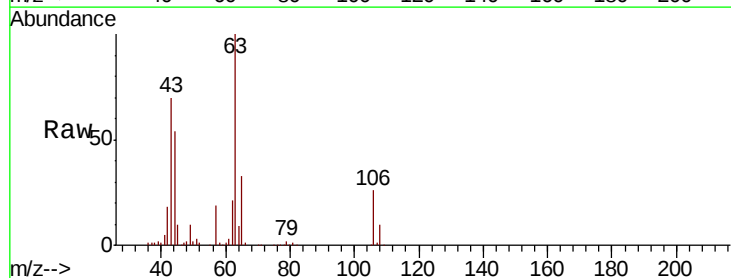
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

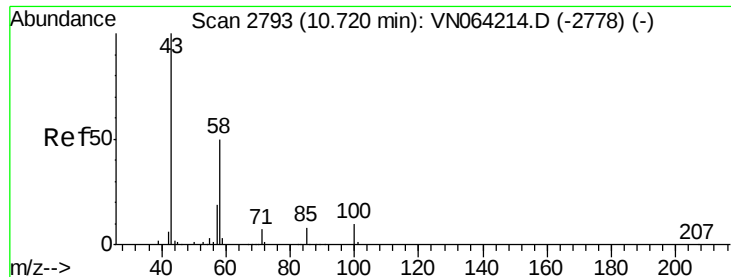
Tot Ion: 76 Resp: 95976
 Ion Ratio Lower Upper
 76 100
 78 32.2 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 92.590 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 63 Resp: 207835
 Ion Ratio Lower Upper
 63 100
 106 26.2 21.3 31.9

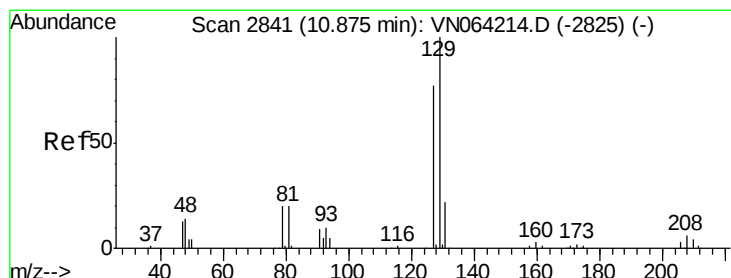
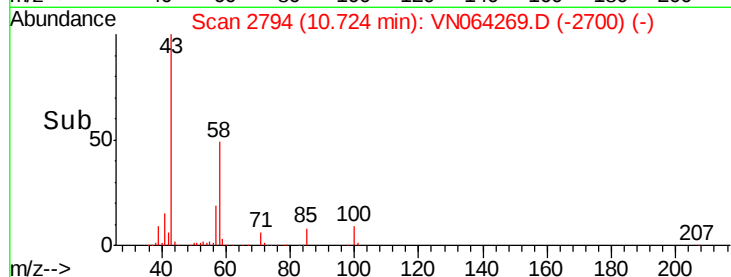
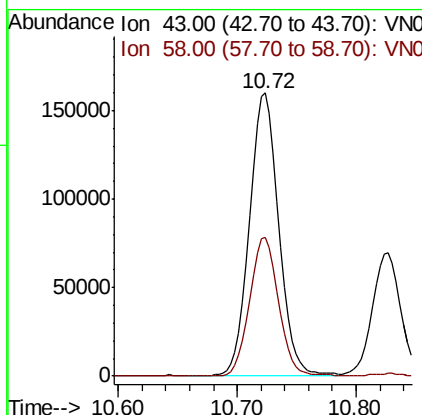
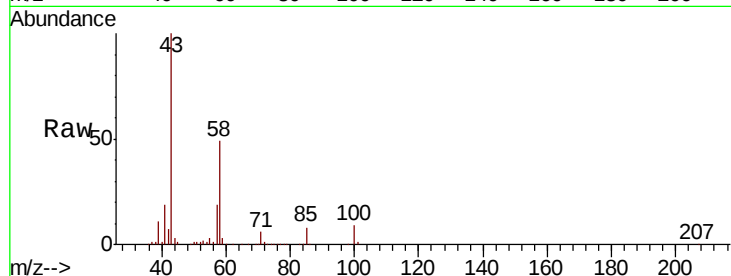




#59
2-Hexanone
Concen: 97.269 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

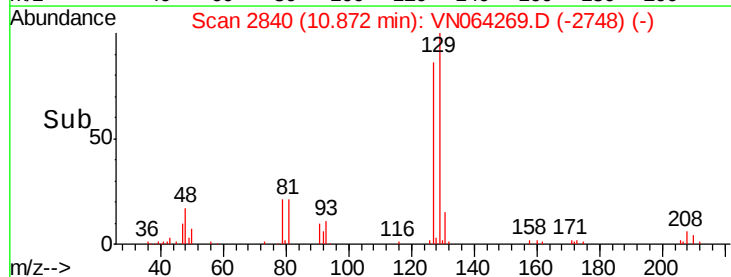
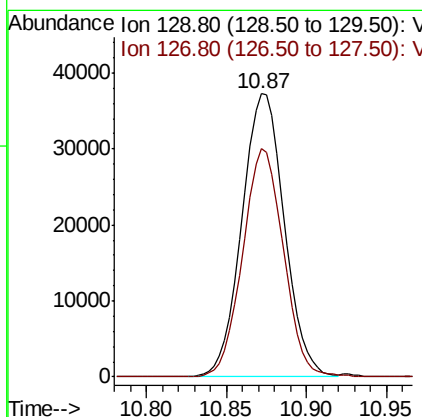
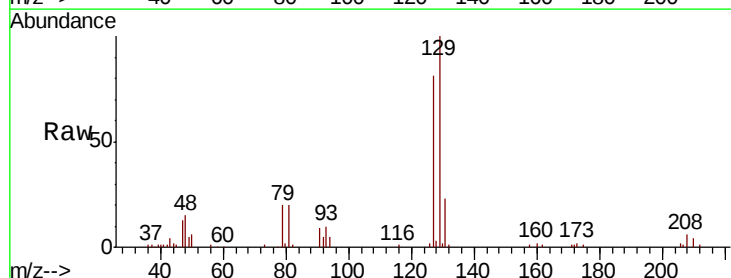
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

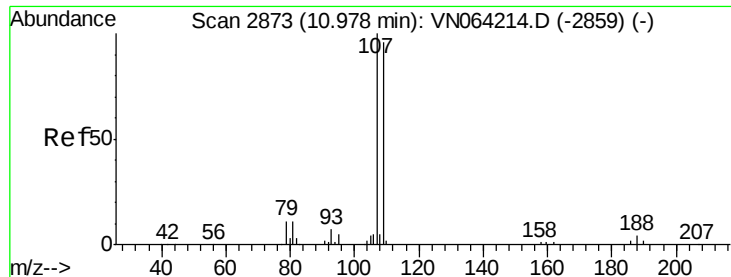
Tot Ion: 43 Resp: 271488
Ion Ratio Lower Upper
43 100
58 48.7 24.8 74.3



#60
Dibromochloromethane
Concen: 18.500 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 129 Resp: 67517
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

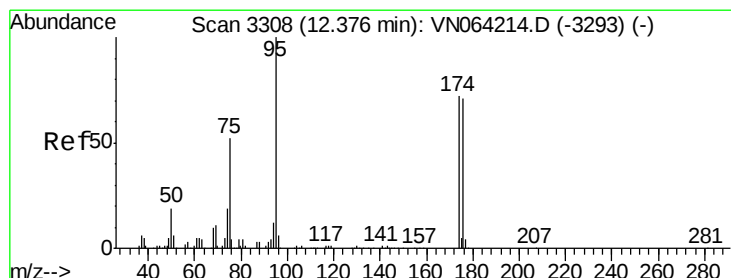
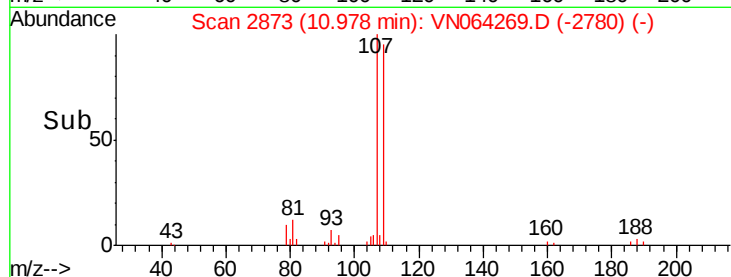
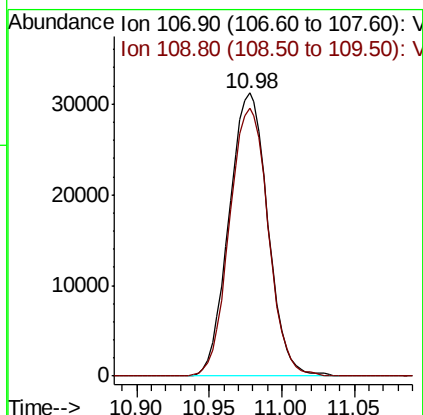
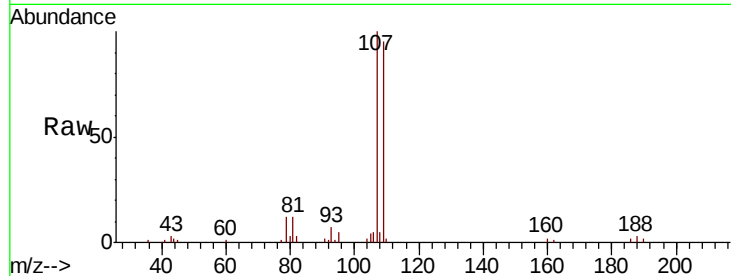




#61
 1,2-Dibromoethane
 Concen: 19.506 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

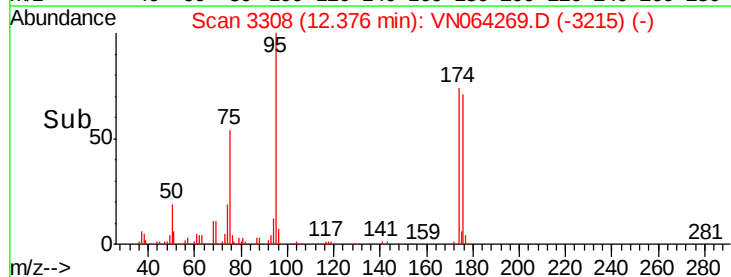
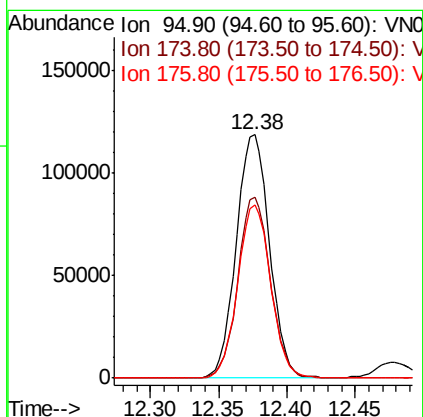
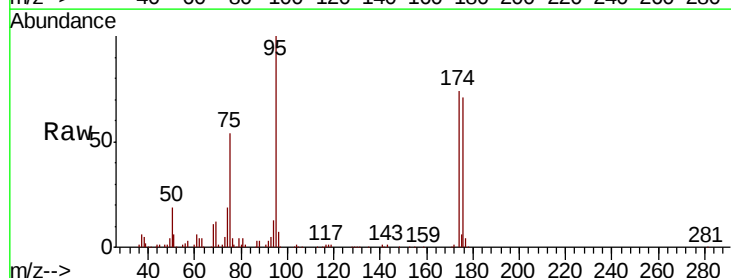
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

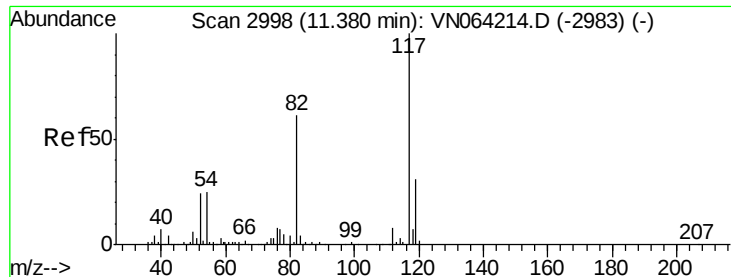
Tot Ion:107 Resp: 58029
 Ion Ratio Lower Upper
 107 100
 109 94.6 76.2 114.4



#62
 4-Bromofluorobenzene
 Concen: 48.558 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion: 95 Resp: 201247
 Ion Ratio Lower Upper
 95 100
 174 72.9 0.0 144.4
 176 70.4 0.0 139.2

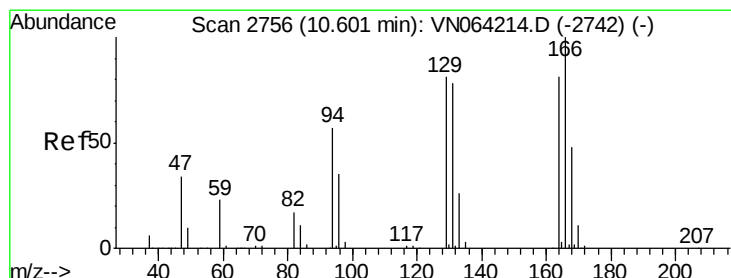
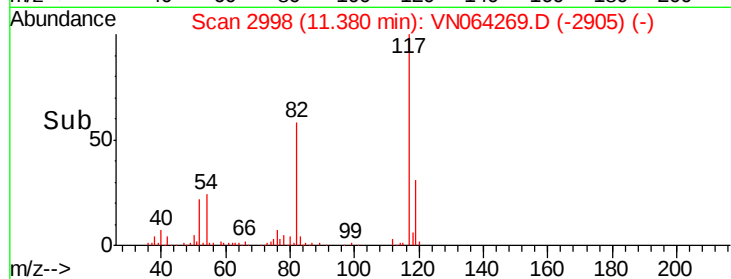
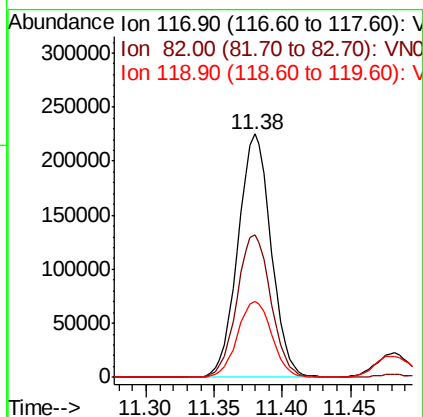
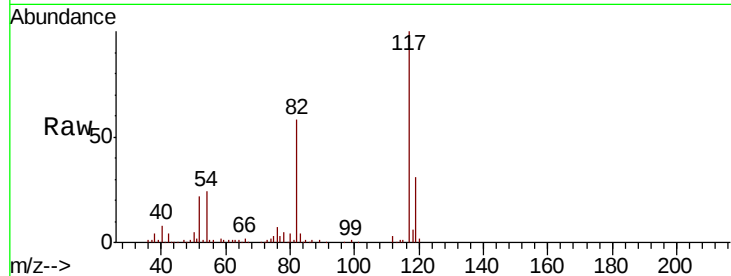




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

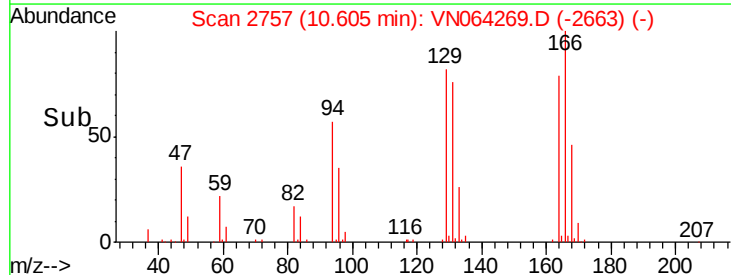
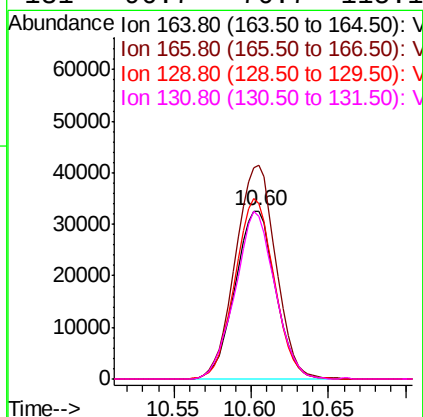
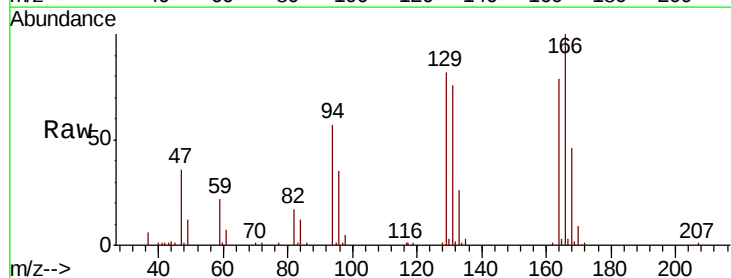
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

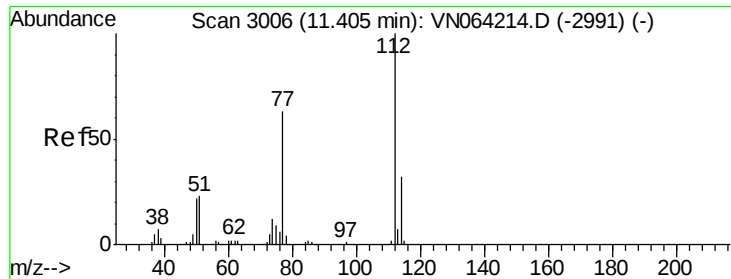
Tot Ion:117 Resp: 380243
Ion Ratio Lower Upper
117 100
82 58.4 48.8 73.2
119 31.0 24.7 37.1



#64
Tetrachloroethene
Concen: 19.304 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion:164 Resp: 59092
Ion Ratio Lower Upper
164 100
166 127.1 98.9 148.3
129 104.0 79.9 119.9
131 96.7 76.7 115.1

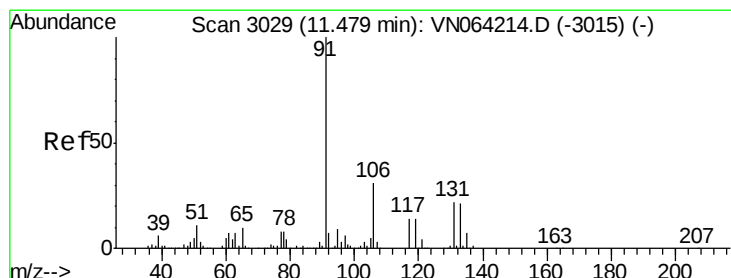
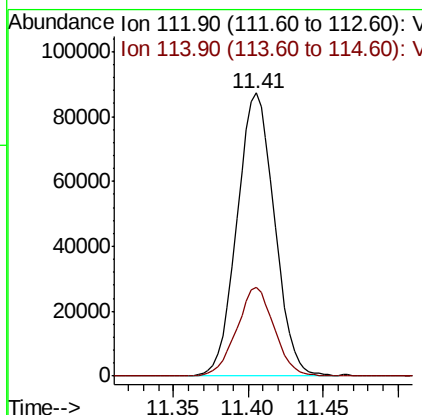
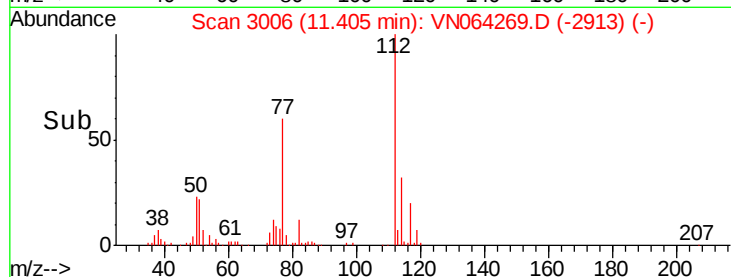
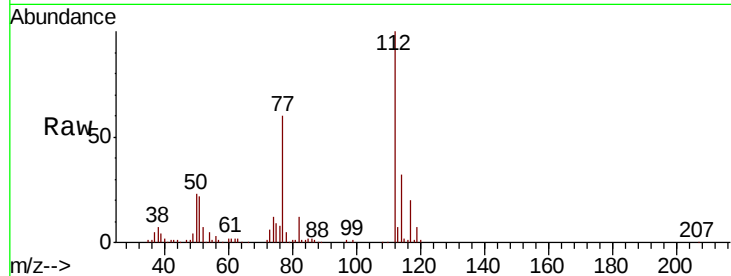




#65
Chlorobenzene
Concen: 19.328 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

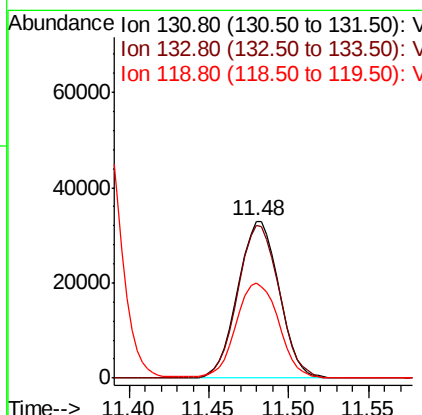
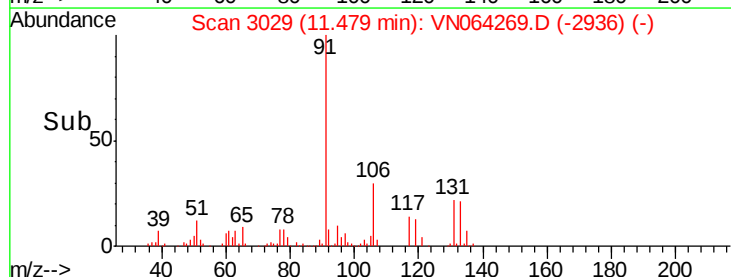
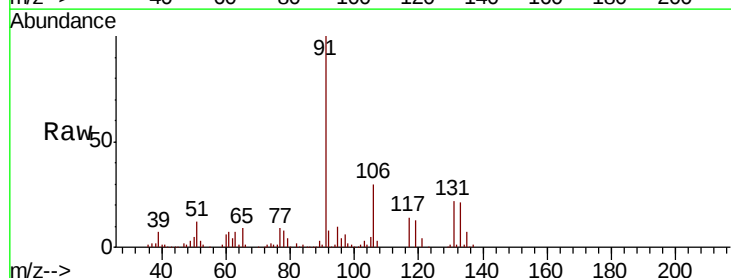
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

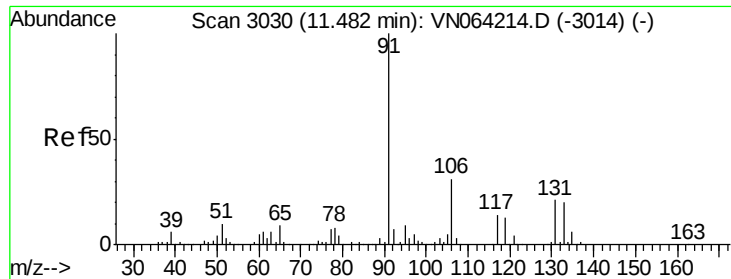
Tot Ion:112 Resp: 152129
Ion Ratio Lower Upper
112 100
114 31.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.624 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion:131 Resp: 58184
Ion Ratio Lower Upper
131 100
133 98.0 47.8 143.4
119 62.8 32.2 96.6

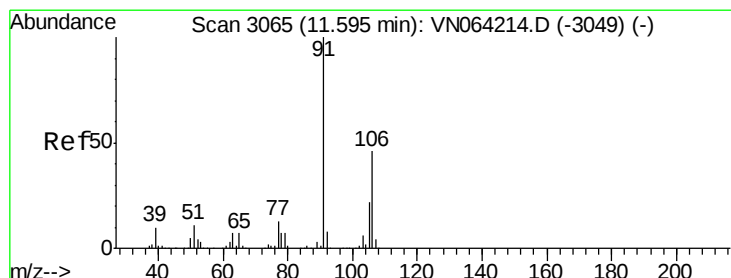
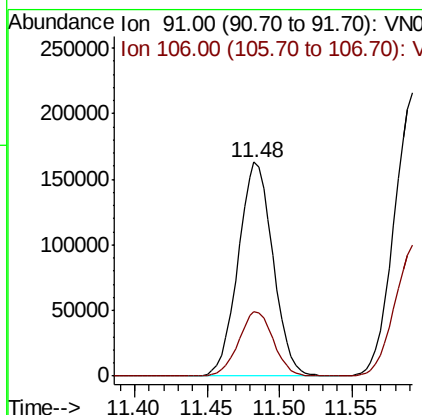
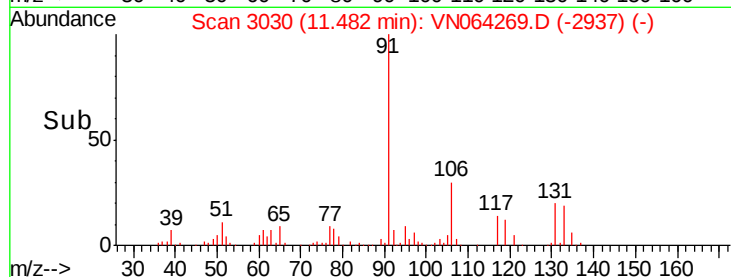
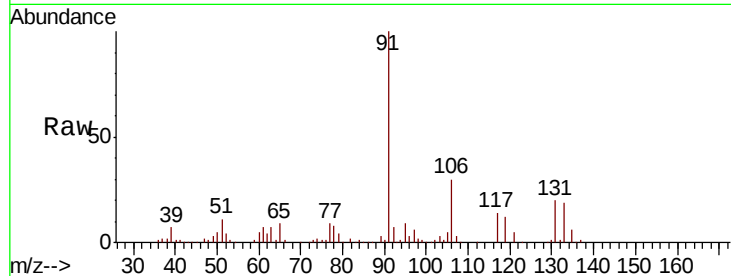




#67
Ethyl Benzene
Concen: 18.839 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

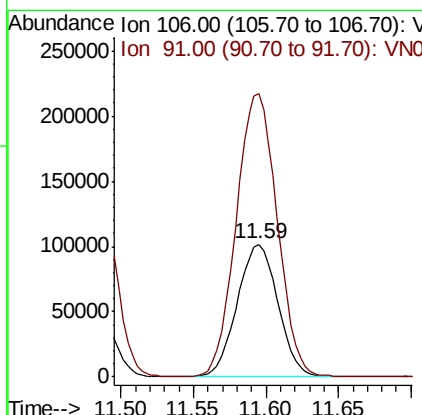
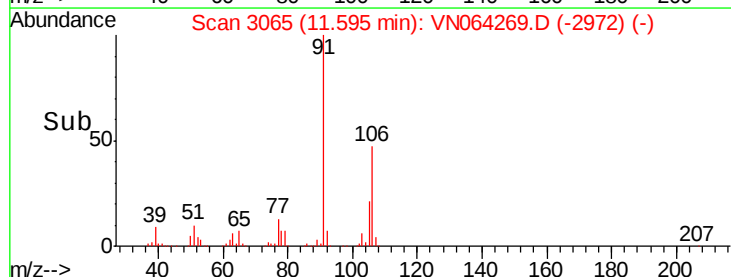
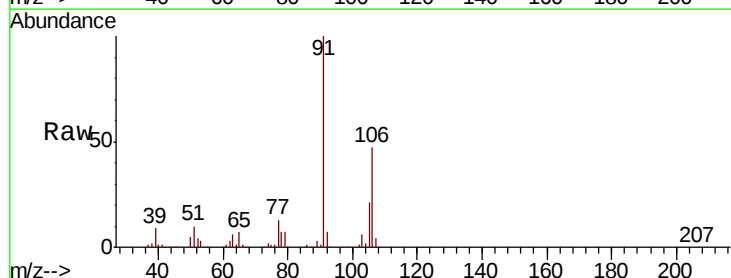
Instrument :
MSVOA_N
ClientSampled :
VN1022WBSD02

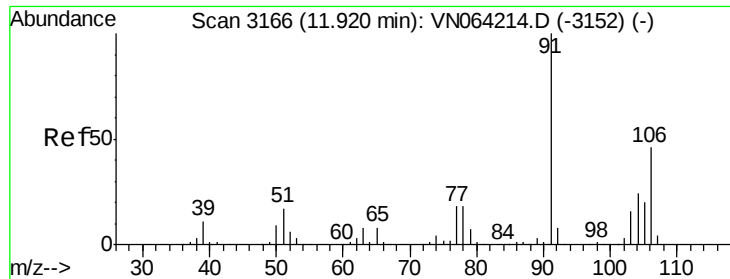
Tot Ion: 91 Resp: 272498
Ion Ratio Lower Upper
91 100
106 30.5 24.8 37.2



#68
m/p-Xylenes
Concen: 37.121 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 106 Resp: 198940
Ion Ratio Lower Upper
106 100
91 214.2 172.2 258.2

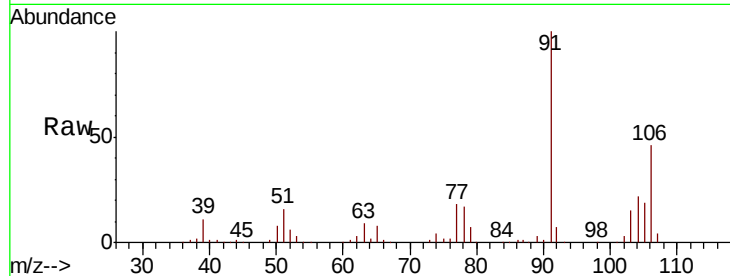




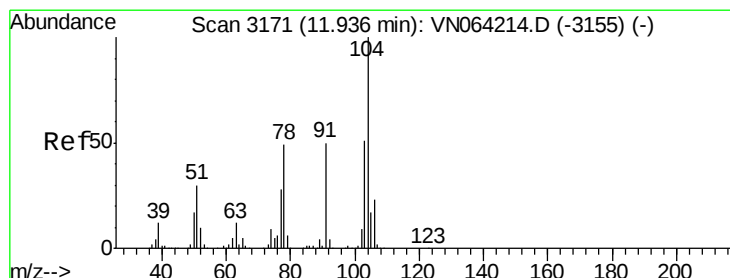
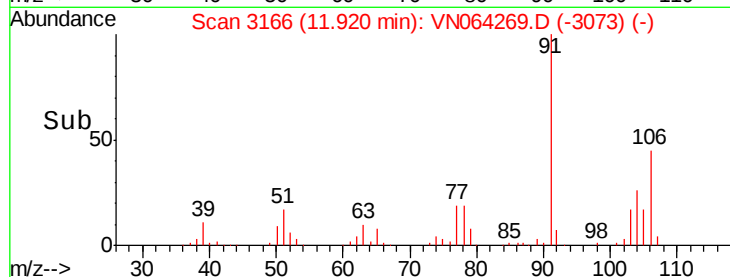
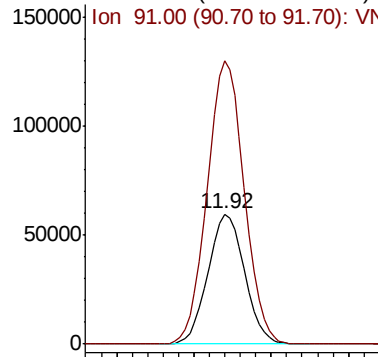
#69
o-Xylene
Concen: 18.941 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tot Ion:106 Resp: 98175
Ion Ratio Lower Upper
106 100
91 220.3 109.9 329.6

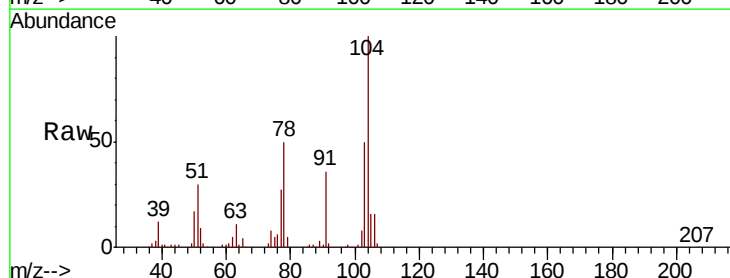


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

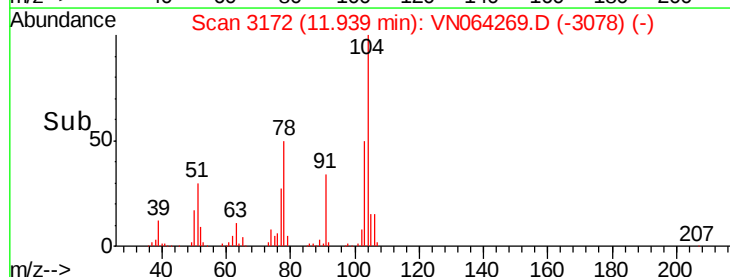
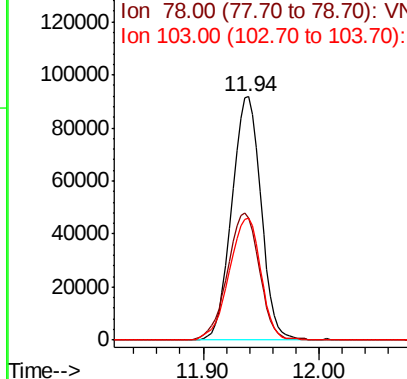


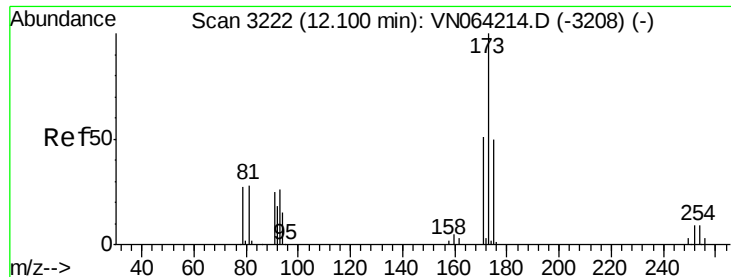
#70
Styrene
Concen: 18.409 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion:104 Resp: 159941
Ion Ratio Lower Upper
104 100
78 57.3 43.8 65.6
103 54.3 43.4 65.2



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.095 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

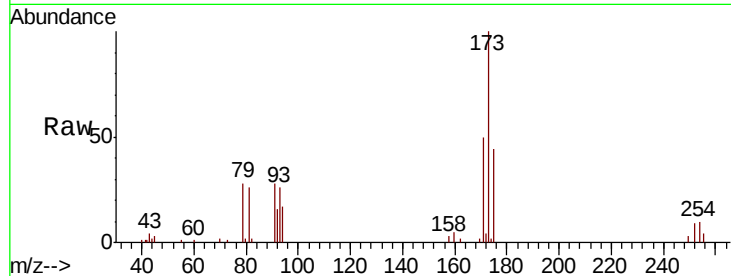
Tot Ion:173 Resp: 46084

Ion Ratio Lower Upper

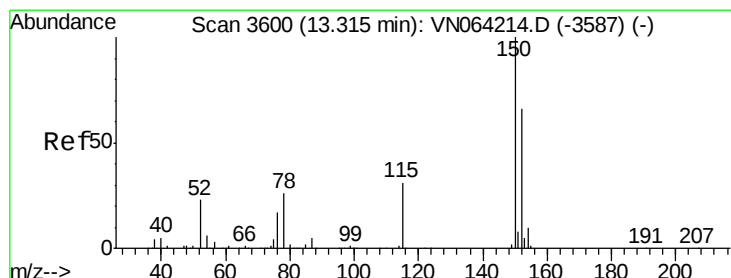
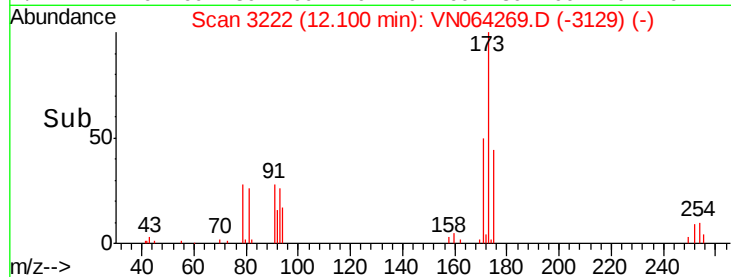
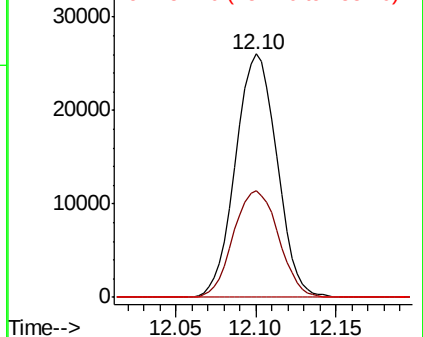
173 100

175 47.6 25.1 75.3

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# 3601

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

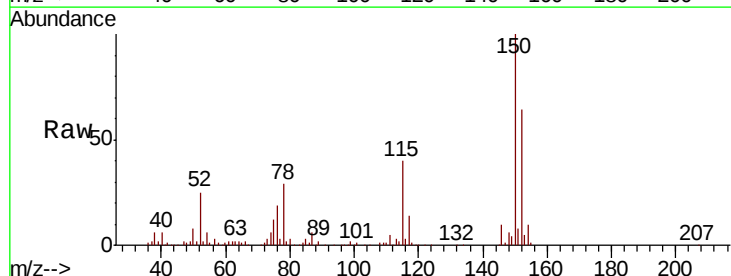
Tgt Ion:152 Resp: 177906

Ion Ratio Lower Upper

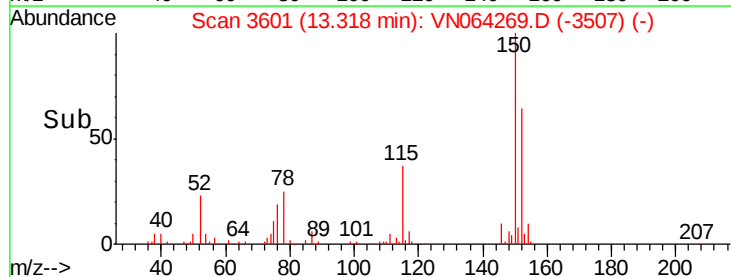
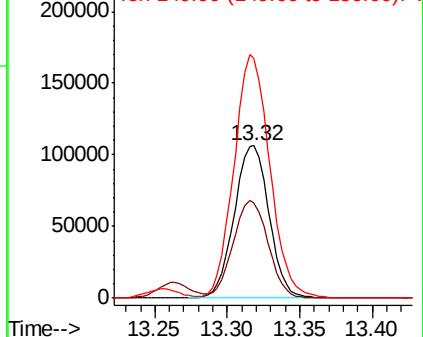
152 100

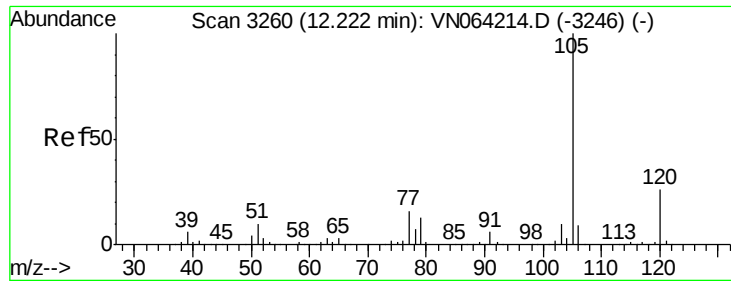
115 64.3 32.0 96.2

150 164.3 0.0 356.6



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: 19.005 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

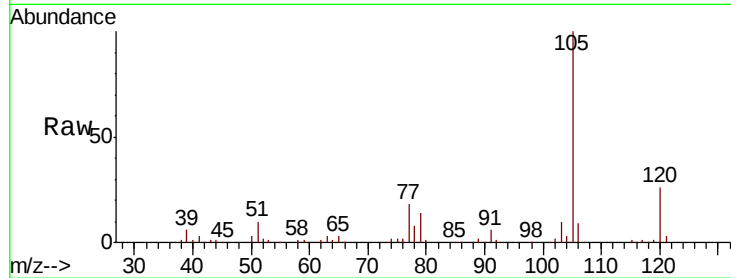
VN1022WBSD02

Tot Ion:105 Resp: 257869

Ion Ratio Lower Upper

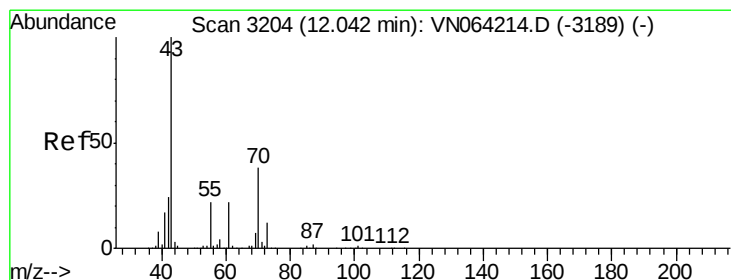
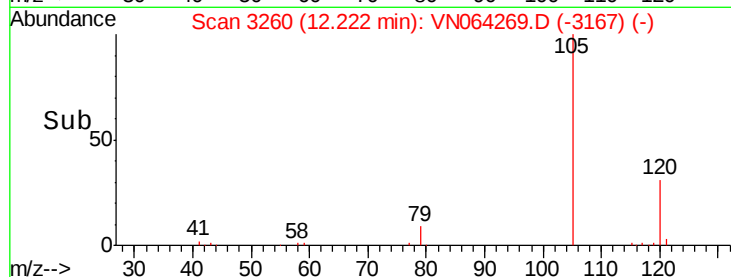
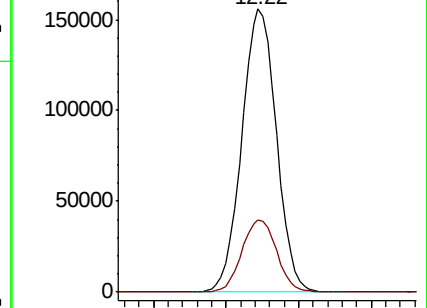
105 100

120 25.7 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.599 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Tgt Ion: 43 Resp: 114908

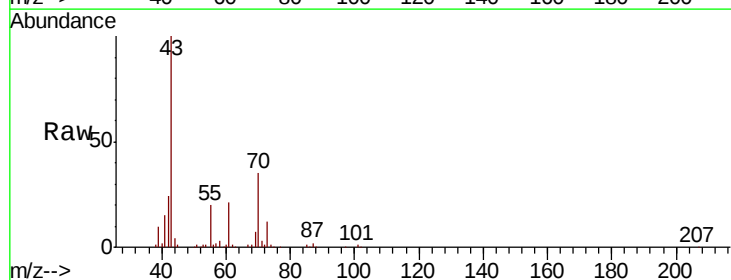
Ion Ratio Lower Upper

43 100

70 37.0 30.2 45.4

55 20.6 18.0 27.0

61 20.9 17.4 26.2

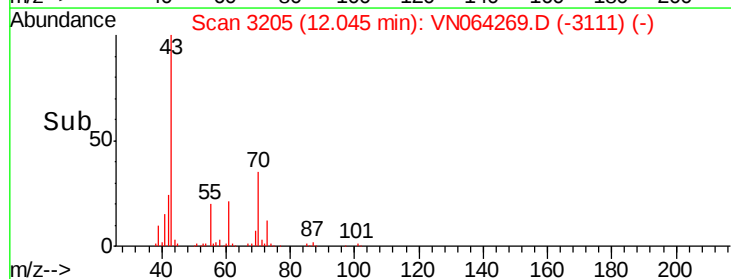
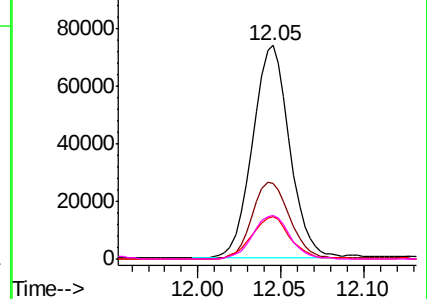


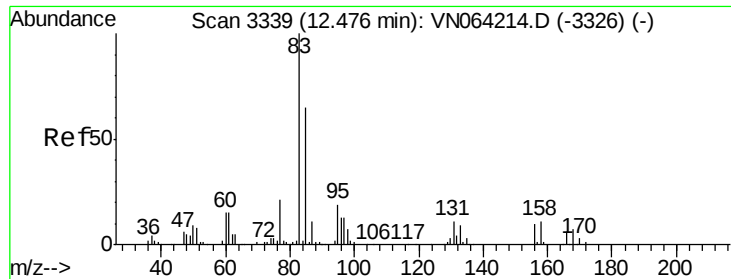
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 19.967 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

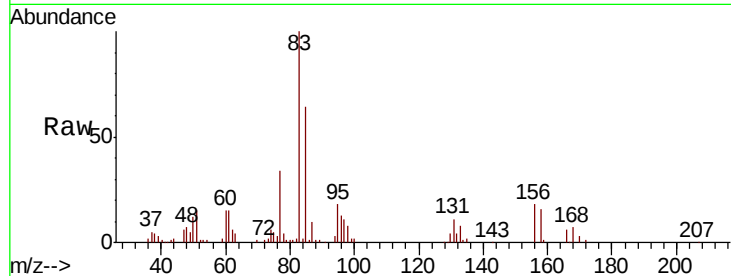
Tot Ion: 83 Resp: 71895

Ion Ratio Lower Upper

83 100

131 10.9 5.5 16.7

85 63.7 32.4 97.0

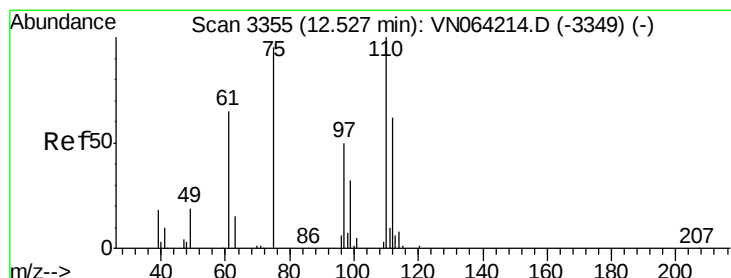
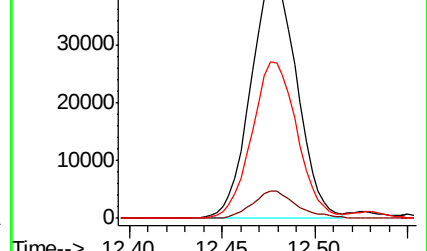
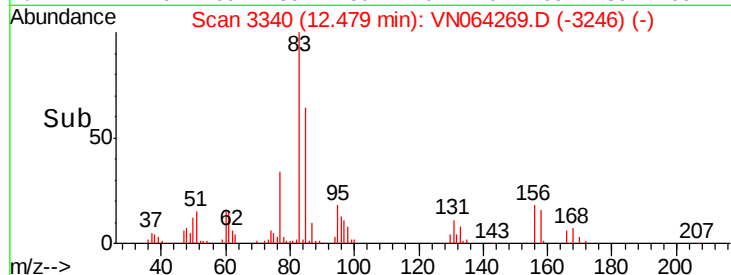


Abundance Ion 82.90 (82.60 to 83.60): VN064269.D (-3246) (-)

Ion 130.80 (130.50 to 131.50): VN064269.D (-3246) (-)

Ion 84.90 (84.60 to 85.60): VN064269.D (-3246) (-)

Time-->



#76

1,2,3-Trichloropropane

Concen: 27.882 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064269.D

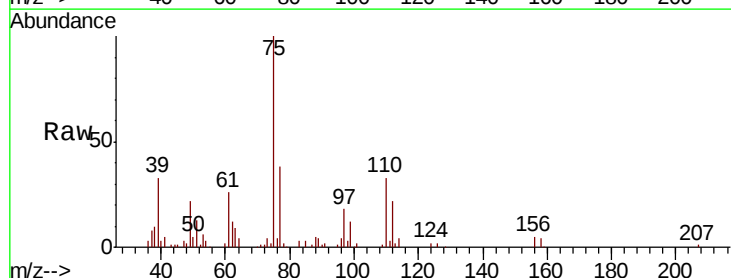
Acq: 22 Oct 2020 22:49

Tgt Ion: 75 Resp: 104574

Ion Ratio Lower Upper

75 100

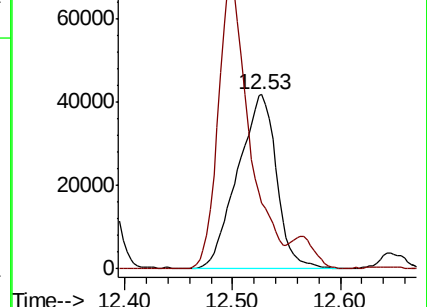
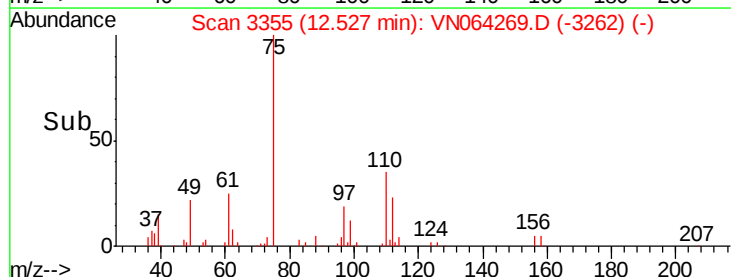
77 0.0 0.0 0.0

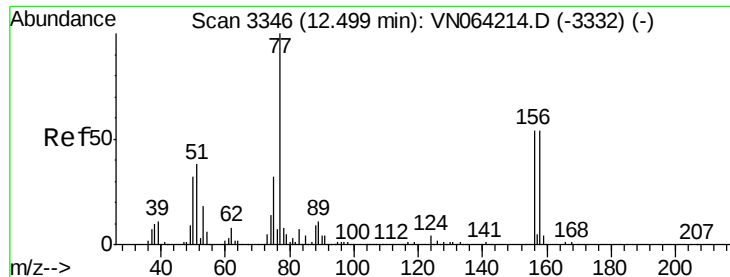


Abundance Ion 74.90 (74.60 to 75.60): VN064269.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064269.D (-3262) (-)

Time-->





#77

Bromobenzene

Concen: 20.257 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

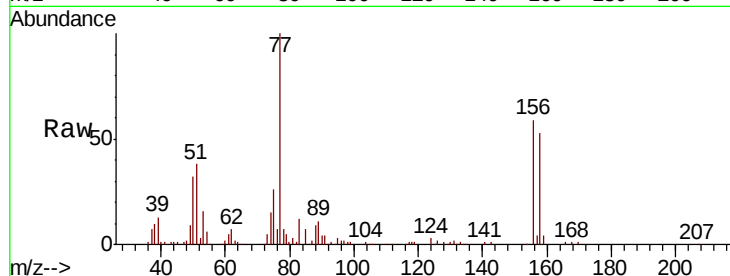
Tot Ion:156 Resp: 64889

Ion Ratio Lower Upper

156 100

77 215.2 111.1 333.4

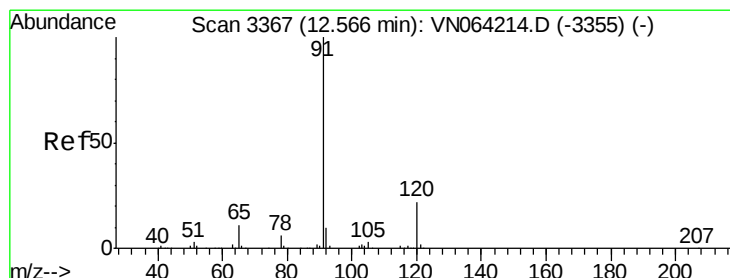
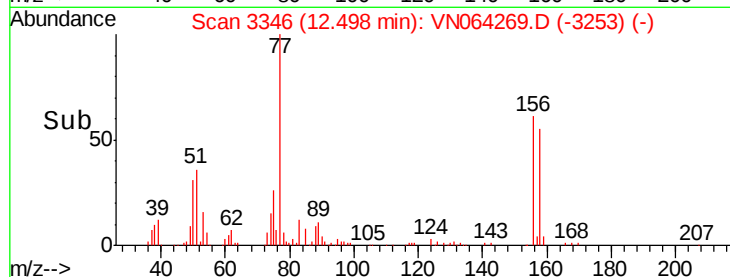
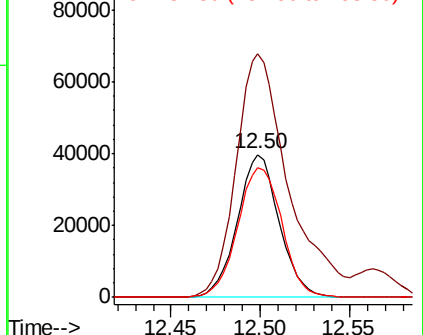
158 96.5 50.0 150.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.802 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064269.D

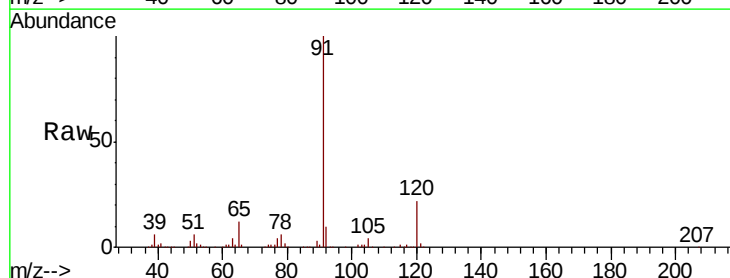
Acq: 22 Oct 2020 22:49

Tgt Ion: 91 Resp: 287643

Ion Ratio Lower Upper

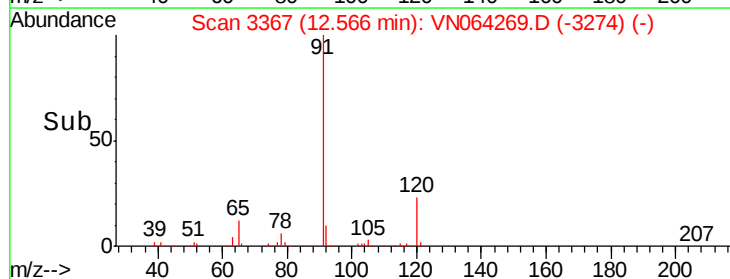
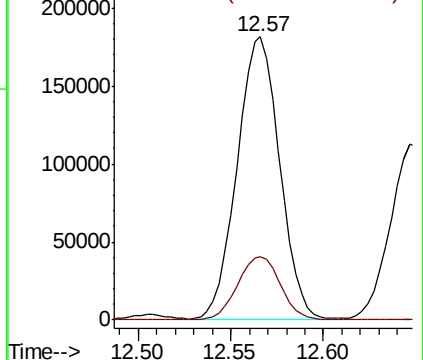
91 100

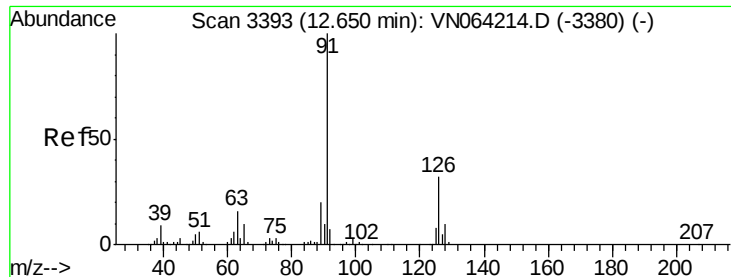
120 22.6 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.493 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

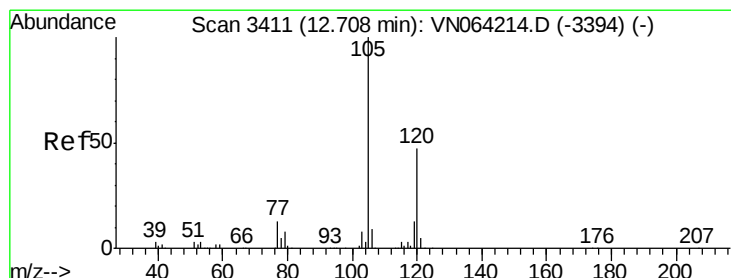
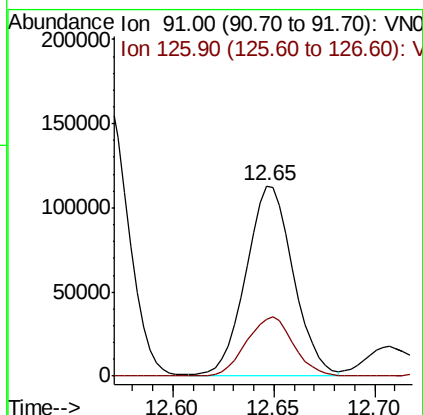
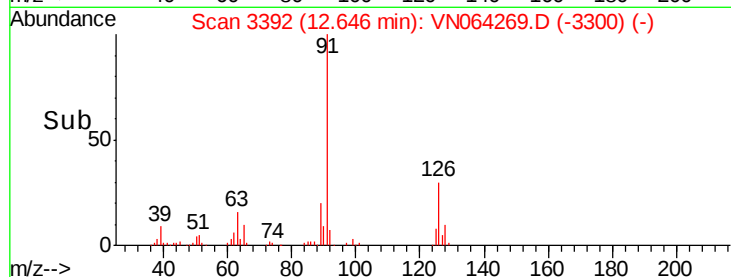
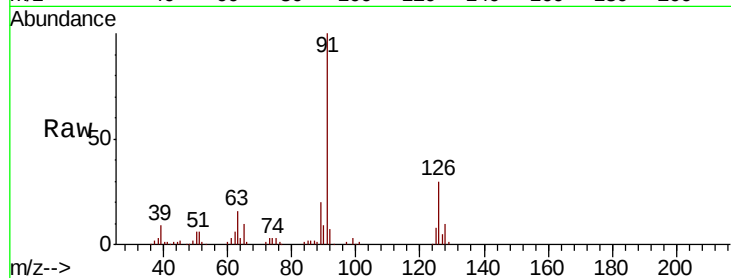
VN1022WBSD02

Tot Ion: 91 Resp: 183170

Ion Ratio Lower Upper

91 100

126 31.5 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 19.258 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064269.D

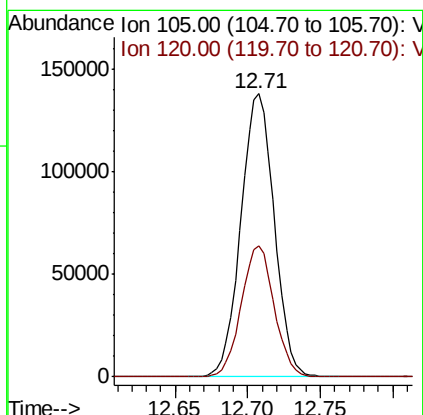
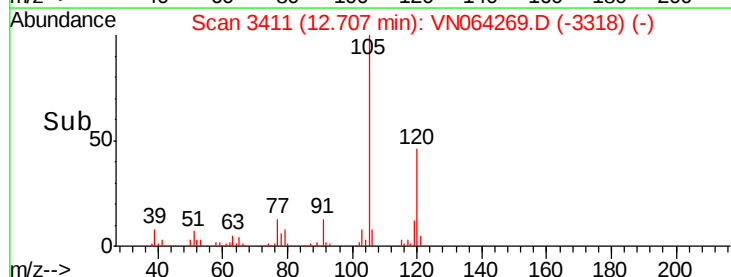
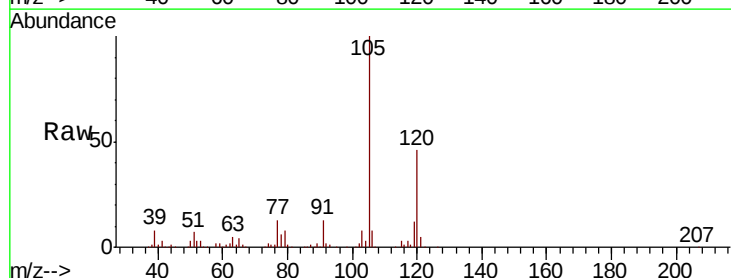
Acq: 22 Oct 2020 22:49

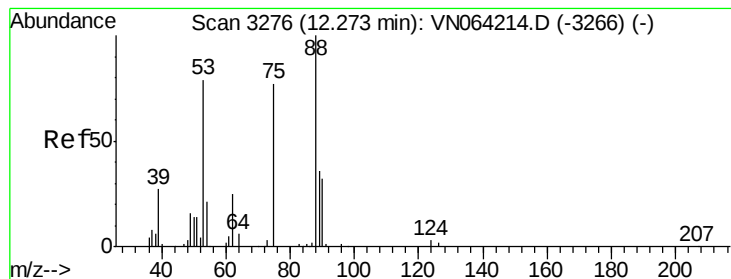
Tgt Ion: 105 Resp: 220911

Ion Ratio Lower Upper

105 100

120 45.6 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.536 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

VN1022WBSD02

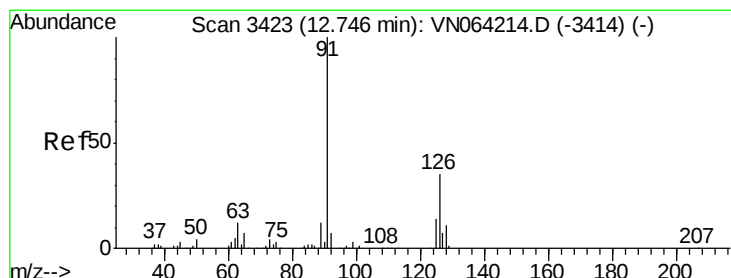
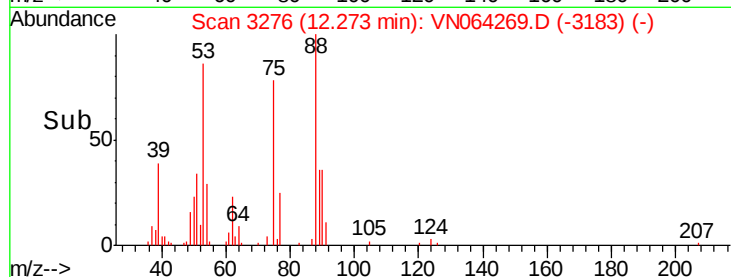
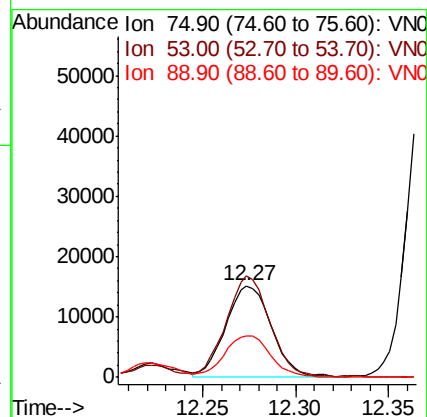
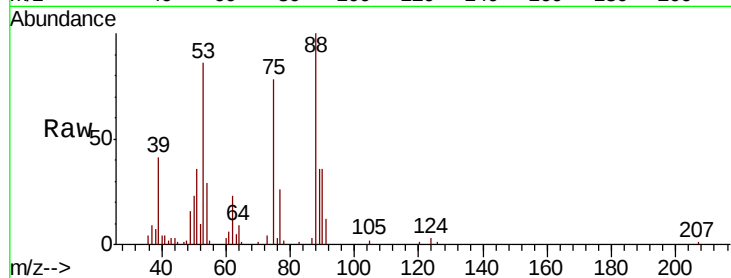
Tot Ion: 75 Resp: 26050

Ion Ratio Lower Upper

75 100

53 104.5 81.0 121.4

89 45.6 38.7 58.1



#82

4-Chlorotoluene

Concen: 19.577 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064269.D

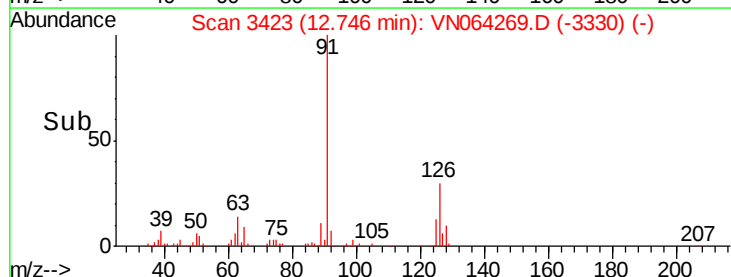
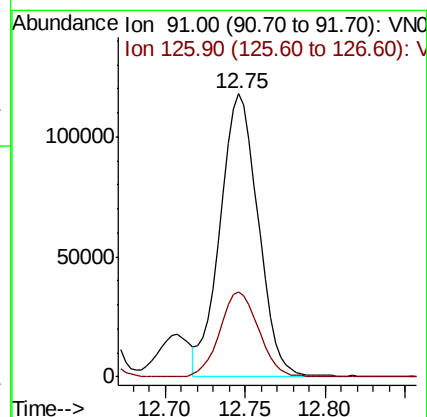
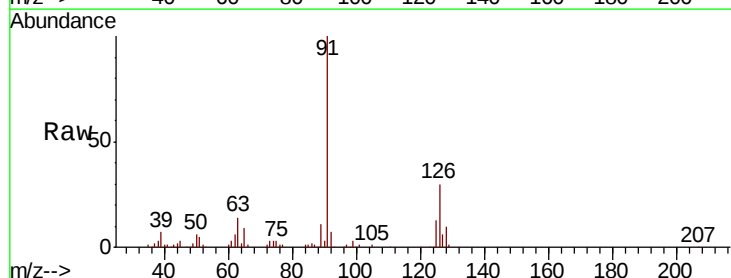
Acq: 22 Oct 2020 22:49

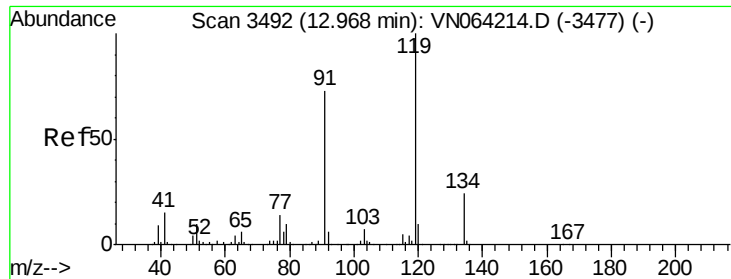
Tgt Ion: 91 Resp: 191893

Ion Ratio Lower Upper

91 100

126 30.9 15.8 47.3

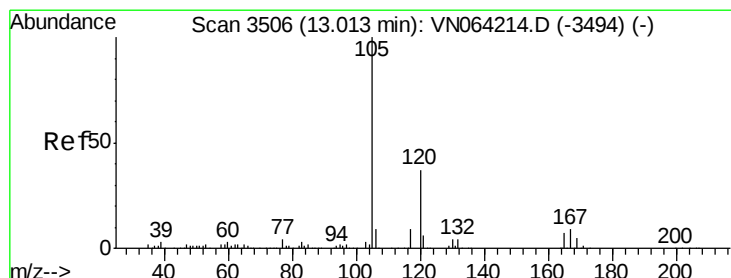
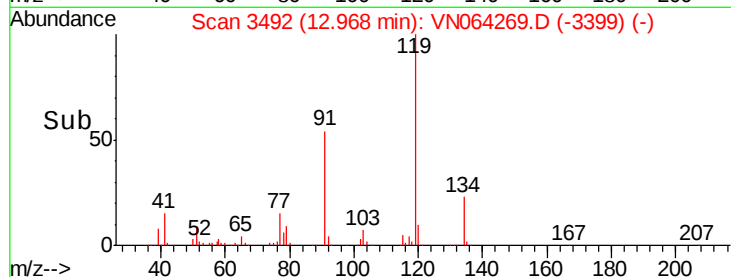
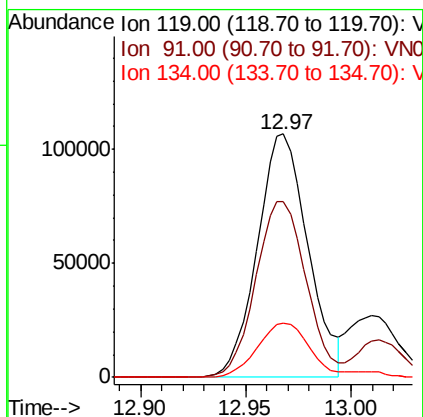
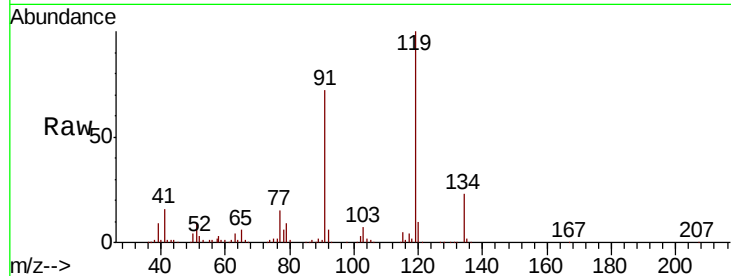




#83
tert-Butylbenzene
Concen: 18.979 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

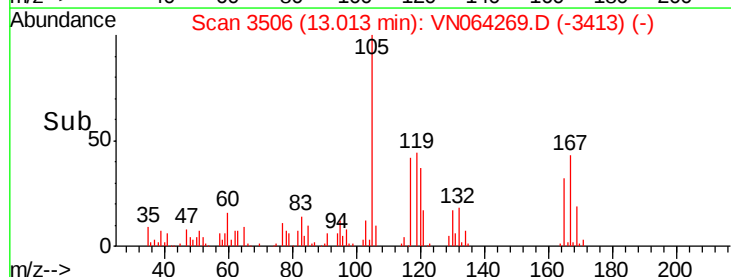
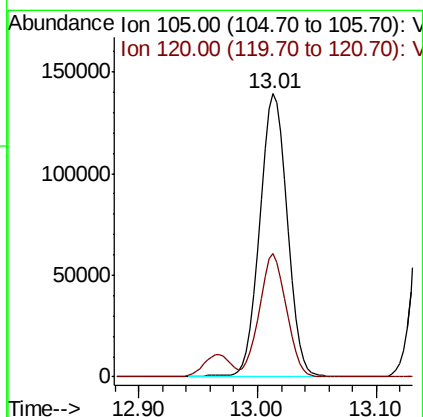
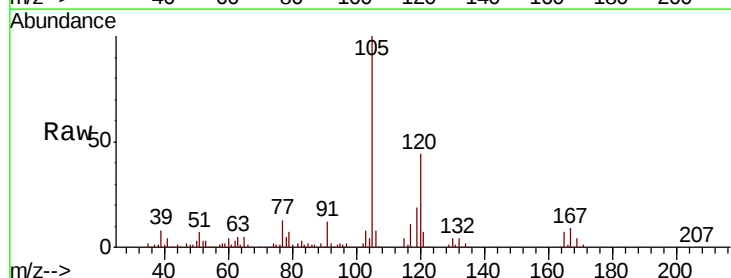
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

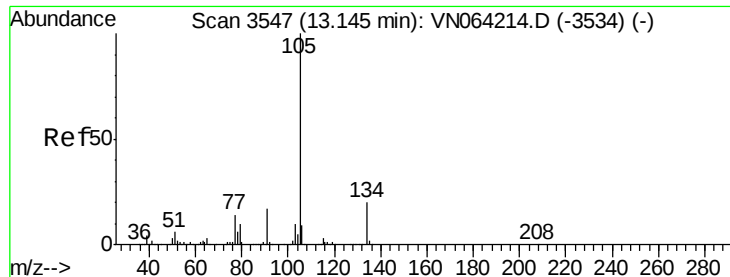
Tot Ion:119 Resp: 178495
Ion Ratio Lower Upper
119 100
91 72.4 35.1 105.3
134 22.9 11.6 34.8



#84
1,2,4-Trimethylbenzene
Concen: 19.617 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion:105 Resp: 223968
Ion Ratio Lower Upper
105 100
120 42.7 21.5 64.5





#85

sec-Butylbenzene

Concen: 19.343 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

Instrument :

MSVOA_N

ClientSampleId :

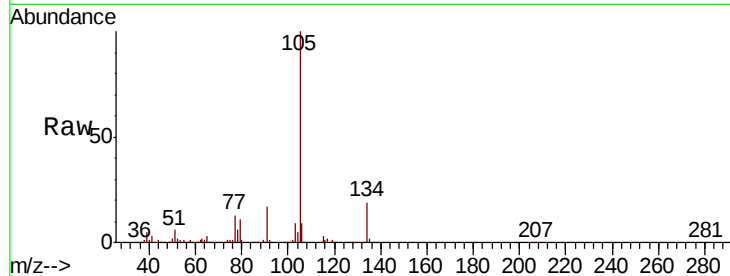
VN1022WBSD02

Tot Ion:105 Resp: 229340

Ion Ratio Lower Upper

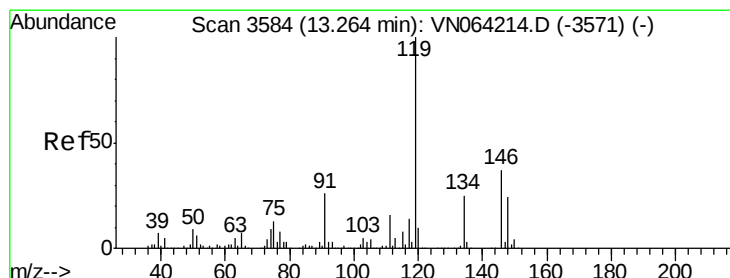
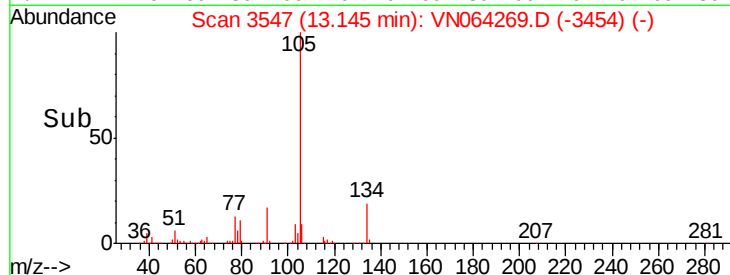
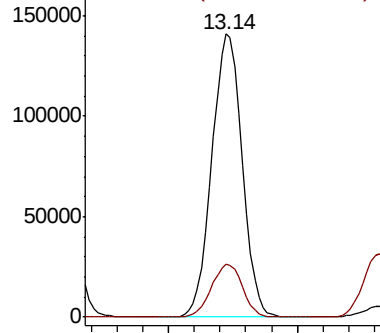
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.384 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064269.D

Acq: 22 Oct 2020 22:49

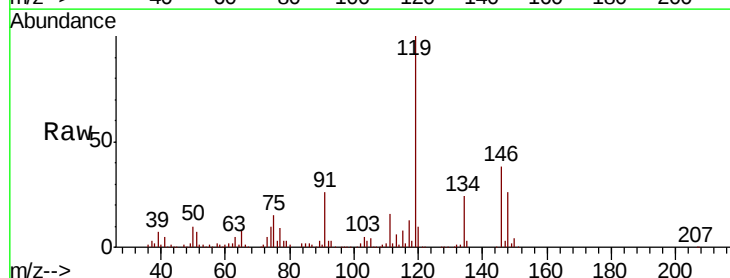
Tgt Ion:119 Resp: 209289

Ion Ratio Lower Upper

119 100

134 24.1 13.1 39.3

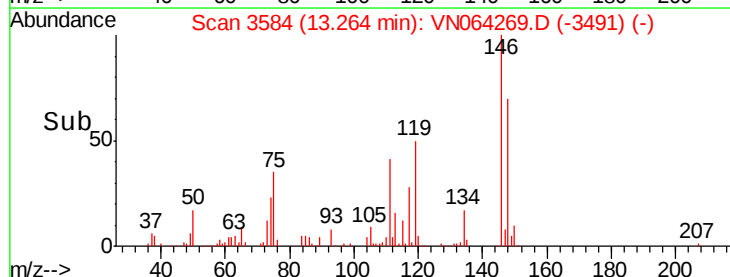
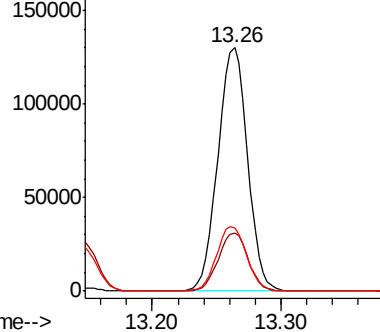
91 26.7 13.4 40.2

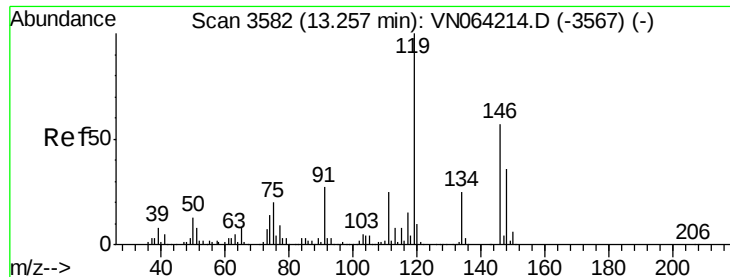


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

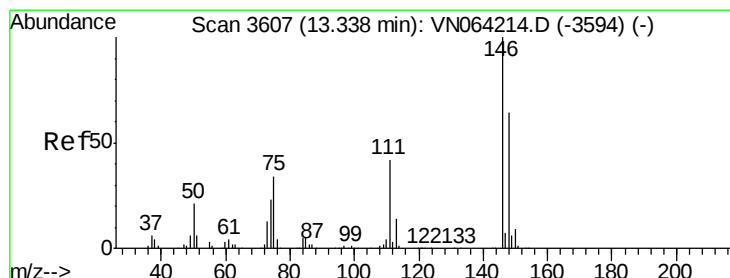
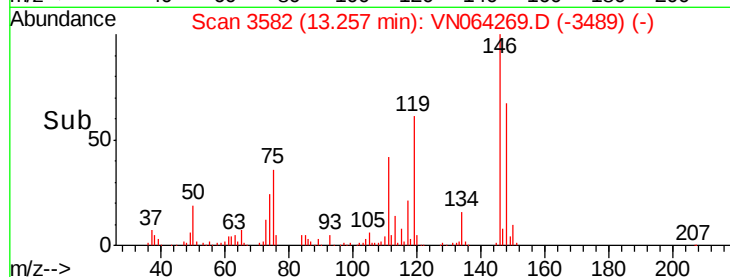
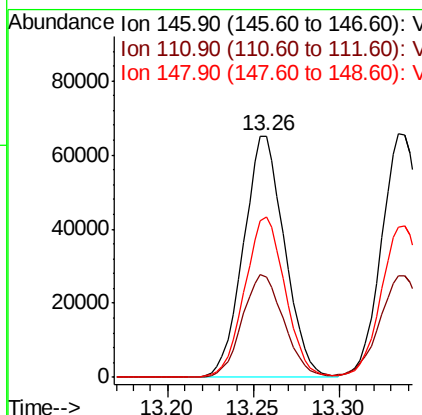
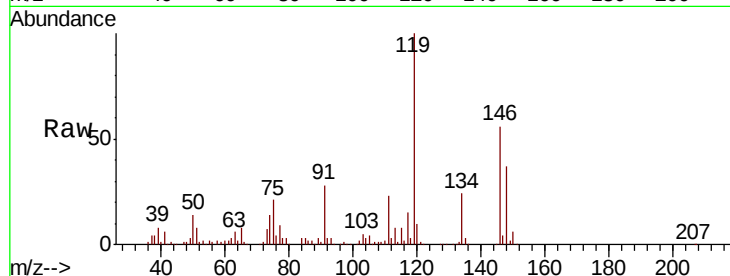




#87
 1,3-Dichlorobenzene
 Concen: 18.959 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

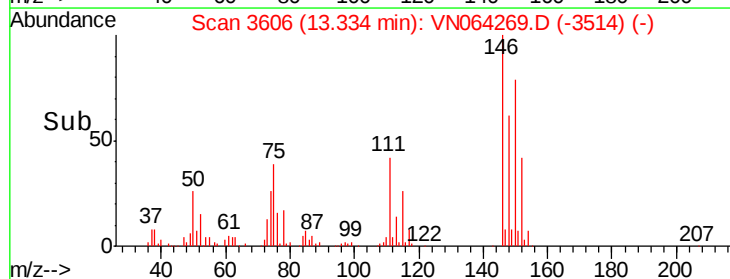
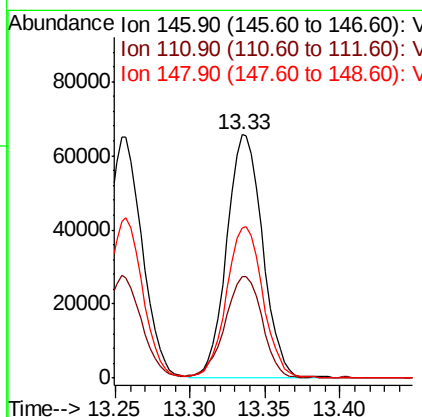
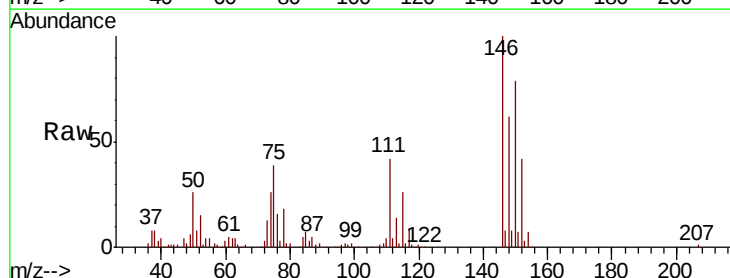
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

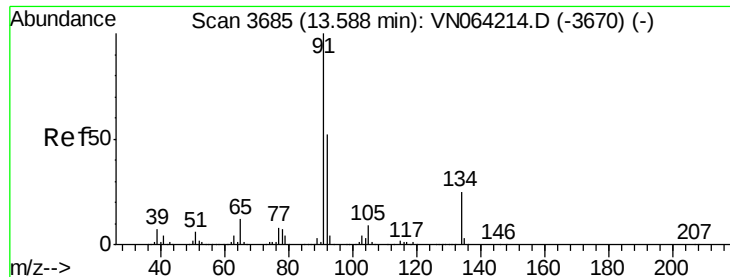
Tot Ion:146 Resp: 108061
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.6 65.0
 148 65.4 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 18.718 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion:146 Resp: 109202
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.5 64.5
 148 64.1 32.0 96.0

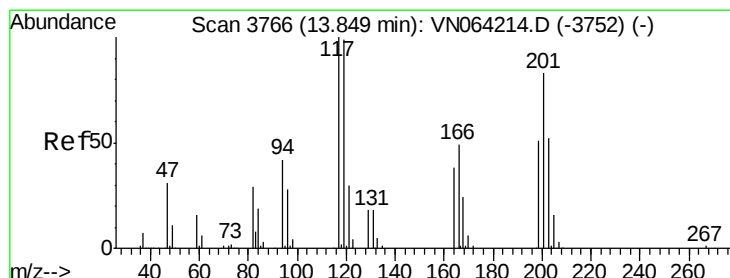
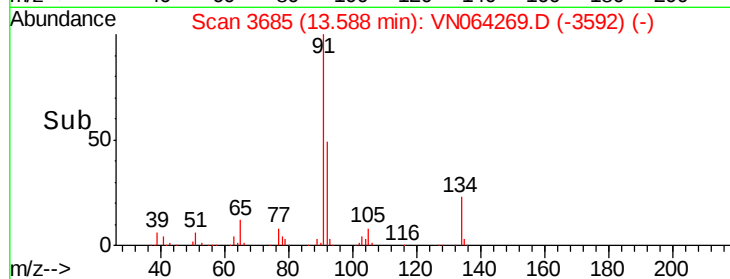
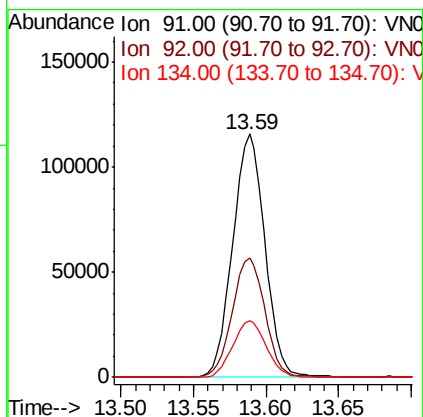
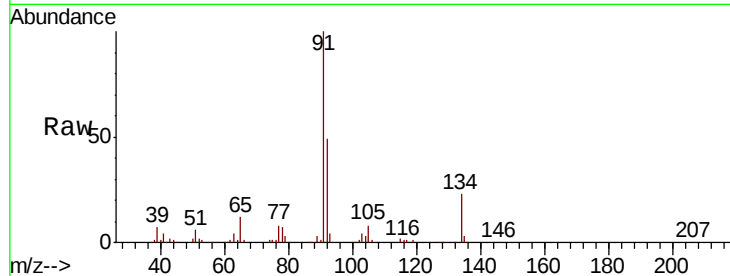




#89
n-Butylbenzene
Concen: 18.495 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

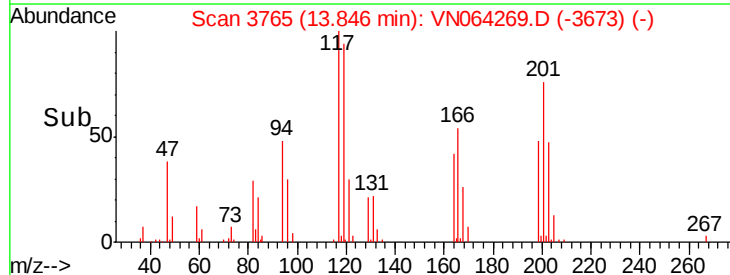
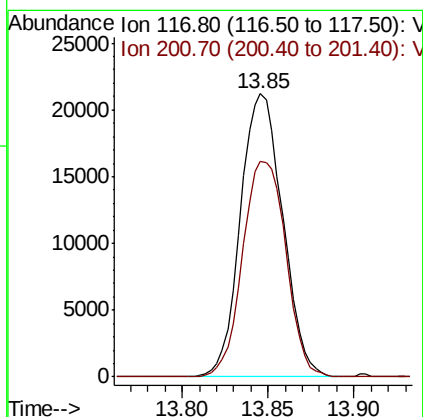
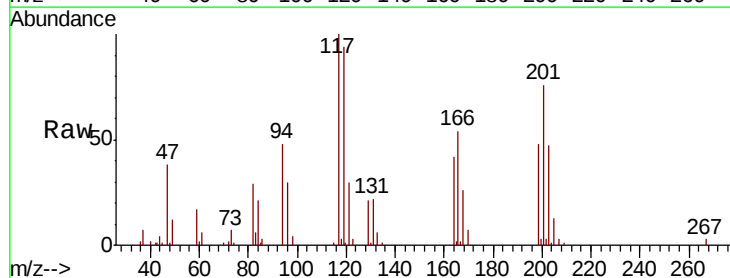
Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

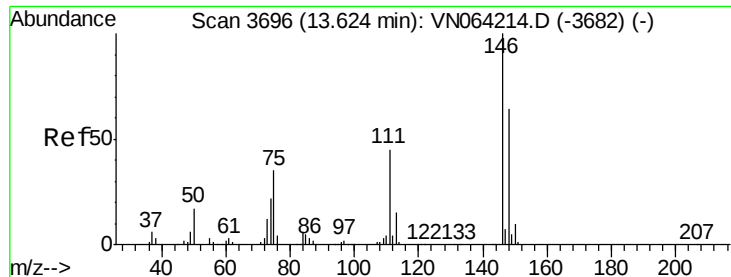
Tot Ion: 91 Resp: 179005
Ion Ratio Lower Upper
91 100
92 49.6 25.7 77.0
134 24.3 12.3 36.8



#90
Hexachloroethane
Concen: 18.528 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion: 117 Resp: 36231
Ion Ratio Lower Upper
117 100
201 77.9 40.1 120.3

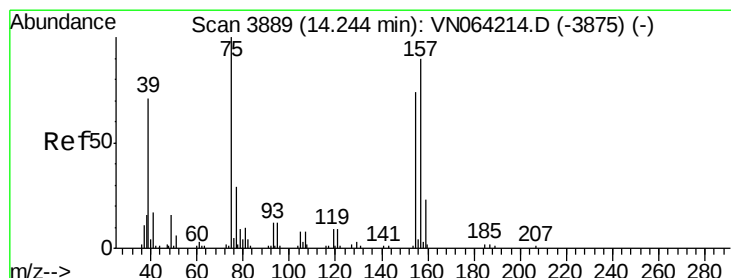
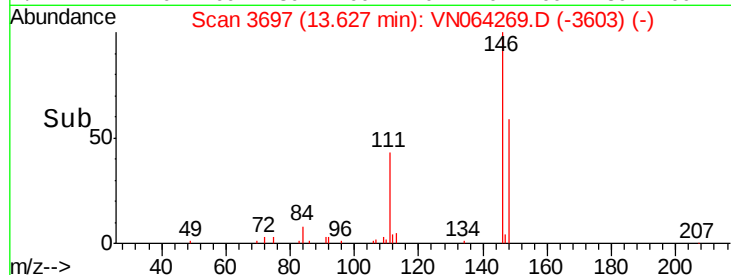
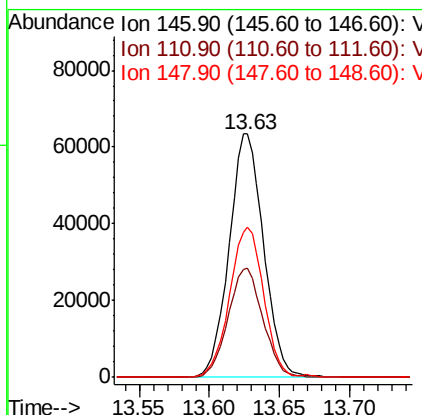
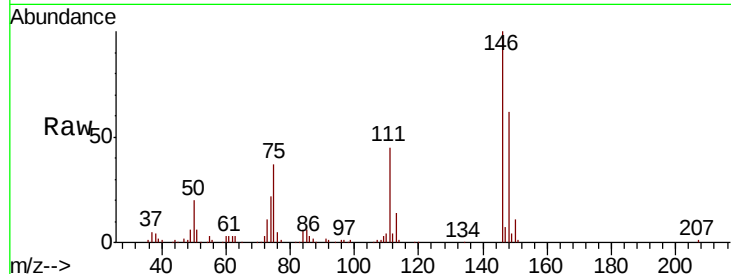




#91
 1,2-Dichlorobenzene
 Concen: 19.403 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

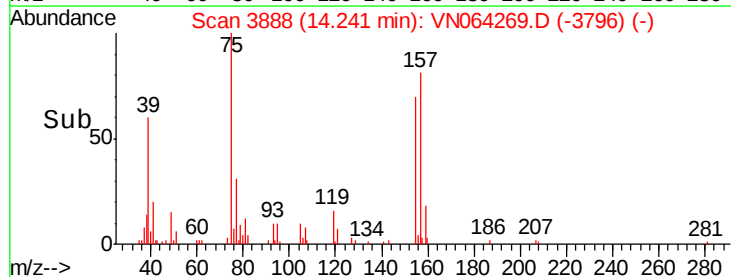
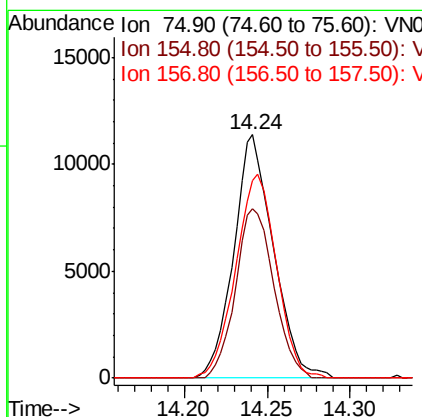
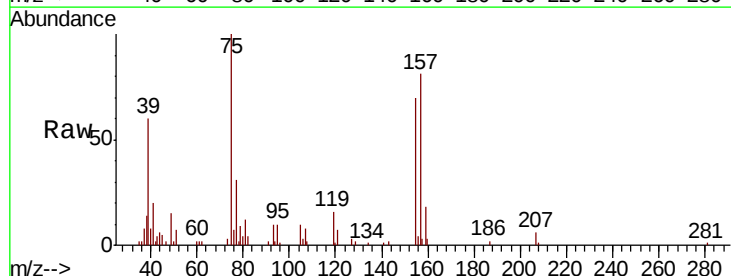
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

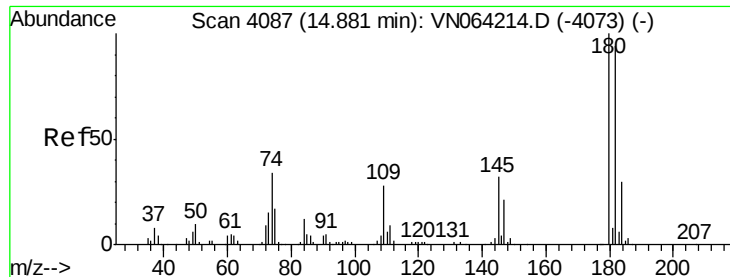
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.1	22.9	68.7
148	60.9	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.120 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	67.1	36.9	110.7
157	85.7	44.6	133.8

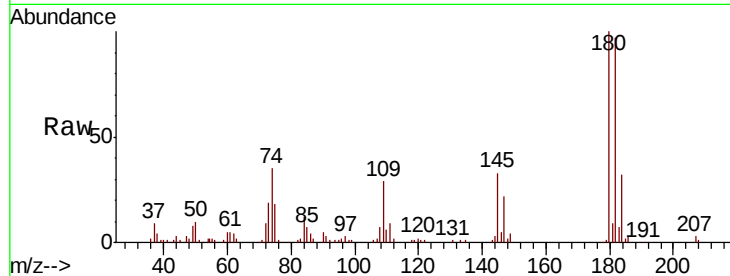




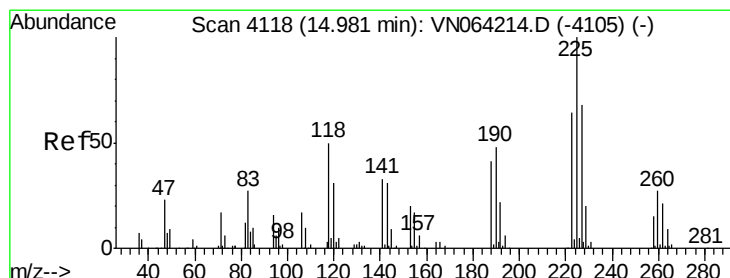
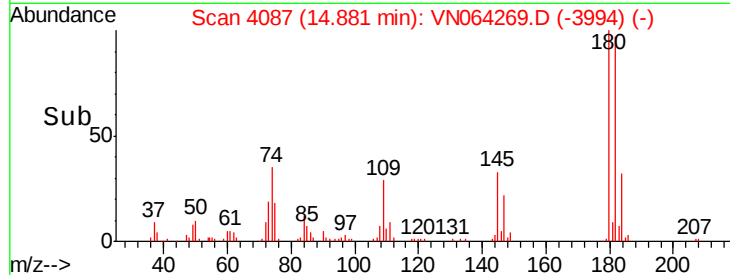
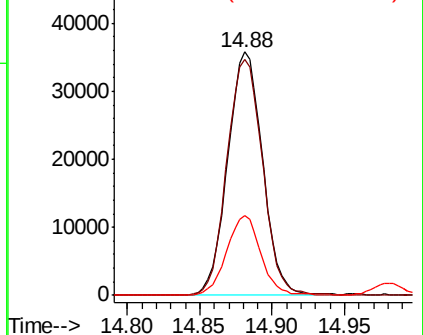
#93
 1,2,4-Trichlorobenzene
 Concen: 19.089 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1022WBSD02

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.9	140.7
145	32.0	16.1	48.3

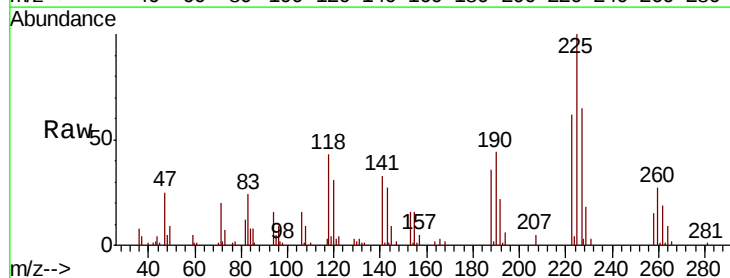


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

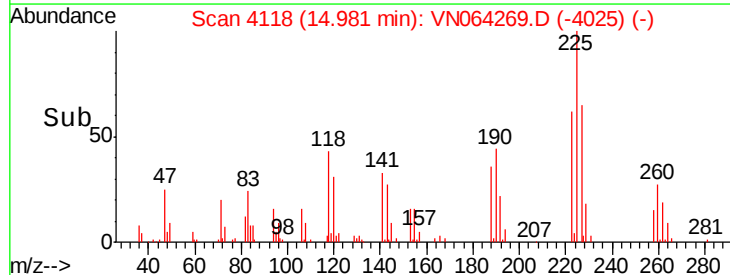
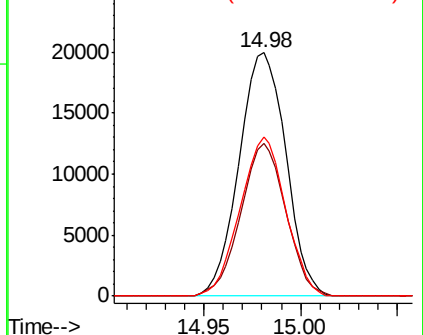


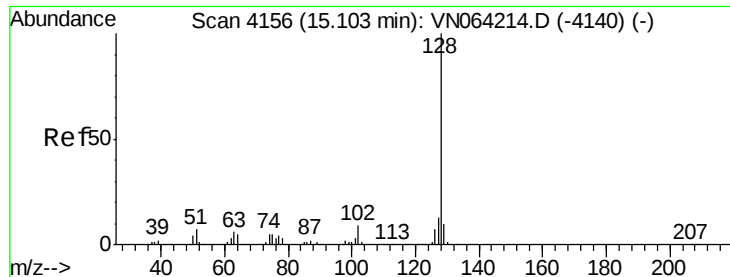
#94
 Hexachlorobutadiene
 Concen: 19.865 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064269.D
 Acq: 22 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.4	31.5	94.5
227	63.5	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

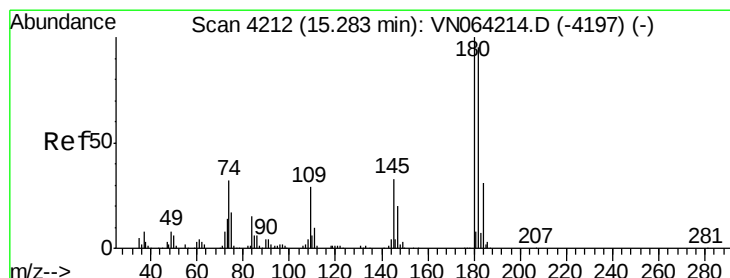
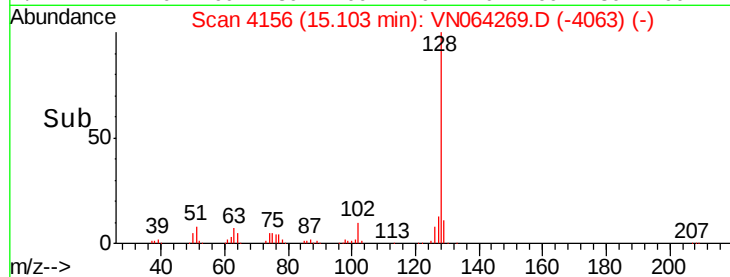
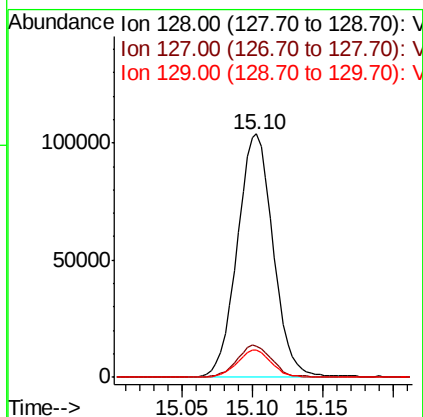
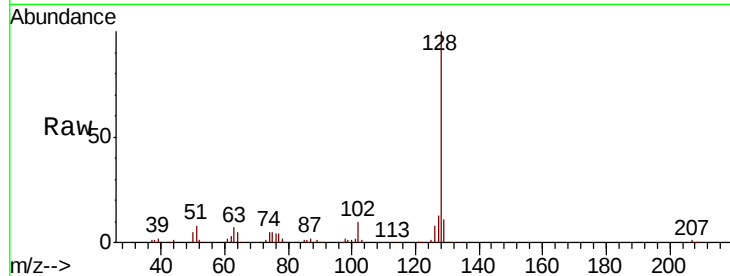




#95
Naphthalene
Concen: 19.678 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Instrument :
MSVOA_N
ClientSampleId :
VN1022WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	10.7	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 18.550 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064269.D
Acq: 22 Oct 2020 22:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	48.0	144.2
145	33.7	17.1	51.3

