

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064330.D
 Acq On : 27 Oct 2020 16:51
 Operator : JC/MD
 Sample : VN1027WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Quant Time: Oct 28 04:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	252011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	421361	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	379771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	176759	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	201402	49.73	ug/l	0.00
Spiked Amount			Recovery	=	99.46%	
35) Dibromofluoromethane	7.55	113	136339	48.52	ug/l	0.00
Spiked Amount			Recovery	=	97.04%	
50) Toluene-d8	10.06	98	491838	47.32	ug/l	0.00
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	12.38	95	192621	47.53	ug/l	0.00
Spiked Amount			Recovery	=	95.06%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	53183	18.359	ug/l	96
3) Chloromethane	2.04	50	58364	18.638	ug/l	99
4) Vinyl Chloride	2.16	62	58120	19.188	ug/l	96
5) Bromomethane	2.53	94	37441	19.130	ug/l	98
6) Chloroethane	2.67	64	34575	19.103	ug/l	98
7) Trichlorofluoromethane	2.99	101	95671	18.854	ug/l	96
8) Diethyl Ether	3.38	74	30290	18.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	48993	19.210	ug/l	98
10) Methyl Iodide	3.91	142	62864	18.471	ug/l	100
11) Tert butyl alcohol	4.73	59	51653	87.862	ug/l #	89
12) 1,1-Dichloroethene	3.70	96	44664	18.551	ug/l	94
13) Acrolein	3.58	56	12727	110.384	ug/l	86
14) Allyl chloride	4.28	41	91539	18.620	ug/l	99
15) Acrylonitrile	4.93	53	112853	89.265	ug/l	97
16) Acetone	3.78	43	119360	81.499	ug/l	95
17) Carbon Disulfide	4.01	76	130768	18.357	ug/l	99
18) Methyl Acetate	4.28	43	53805	17.686	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	177479	19.185	ug/l	99
20) Methylene Chloride	4.51	84	53634	18.674	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	50257	18.712	ug/l	93
22) Diisopropyl ether	5.90	45	181303	18.868	ug/l	97
23) Vinyl Acetate	5.85	43	786909	96.795	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103121	19.178	ug/l	98
25) 2-Butanone	6.78	43	175390	86.254	ug/l	100
26) 2,2-Dichloropropane	6.78	77	95586	18.164	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	60291	19.614	ug/l	96
28) Bromochloromethane	7.15	49	42032	16.407	ug/l	94
29) Tetrahydrofuran	7.17	42	115269	87.320	ug/l	99
30) Chloroform	7.33	83	105690	18.415	ug/l	97
31) Cyclohexane	7.61	56	89849	19.116	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	102714	18.637	ug/l	99
36) 1,1-Dichloropropene	7.75	75	80178	18.854	ug/l	98
37) Ethyl Acetate	6.88	43	76114	17.720	ug/l	99
38) Carbon Tetrachloride	7.73	117	90160	18.288	ug/l	98

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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	77876	18.469	ug/l	97
40) Benzene	8.00	78	216312	18.274	ug/l	98
41) Methacrylonitrile	7.12	41	27097	12.708	ug/l #	79
42) 1,2-Dichloroethane	8.09	62	95686	18.713	ug/l	98
43) Isopropyl Acetate	8.13	43	131576	17.919	ug/l #	93
44) Trichloroethene	8.80	130	56298	18.156	ug/l	87
45) 1,2-Dichloropropane	9.08	63	57099	18.014	ug/l	95
46) Dibromomethane	9.18	93	40828	18.412	ug/l	97
47) Bromodichloromethane	9.37	83	87985	17.904	ug/l	100
48) Methyl methacrylate	9.16	41	65776	17.362	ug/l	99
49) 1,4-Dioxane	9.16	88	17970	321.822	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	374463	87.733	ug/l	100
52) Toluene	10.13	92	137000	18.342	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	94109	18.111	ug/l	93
54) cis-1,3-Dichloropropene	9.81	75	99866	18.670	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	53616	18.185	ug/l	96
56) Ethyl methacrylate	10.40	69	80856	18.116	ug/l	98
57) 1,3-Dichloropropane	10.68	76	93665	18.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	202122	82.989	ug/l	100
59) 2-Hexanone	10.72	43	275925	87.775	ug/l	97
60) Dibromochloromethane	10.87	129	64368	18.464	ug/l	99
61) 1,2-Dibromoethane	10.98	107	58983	19.633	ug/l	99
64) Tetrachloroethene	10.60	164	60992	19.540	ug/l	99
65) Chlorobenzene	11.41	112	145687	18.922	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	57142	18.362	ug/l	98
67) Ethyl Benzene	11.48	91	268574	18.763	ug/l	95
68) m/p-Xylenes	11.59	106	196842	37.108	ug/l	99
69) o-Xylene	11.92	106	94845	18.559	ug/l	98
70) Styrene	11.94	104	153856	18.362	ug/l	97
71) Bromoform	12.10	173	42654	17.464	ug/l #	100
73) Isopropylbenzene	12.22	105	253912	19.180	ug/l	99
74) N-amyl acetate	12.05	43	109282	18.754	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	69721	18.118	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	106993	25.277	ug/l #	100
77) Bromobenzene	12.50	156	63581	19.613	ug/l	98
78) n-propylbenzene	12.57	91	286465	19.113	ug/l	99
79) 2-Chlorotoluene	12.65	91	179733	18.759	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	212961	19.011	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	25923	17.641	ug/l	91
82) 4-Chlorotoluene	12.75	91	185191	18.974	ug/l	100
83) tert-Butylbenzene	12.97	119	177567	19.317	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	213459	19.071	ug/l	99
85) sec-Butylbenzene	13.14	105	222378	18.695	ug/l	99
86) p-Isopropyltoluene	13.26	119	206759	19.294	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	106137	18.702	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	107677	18.628	ug/l	99
89) n-Butylbenzene	13.59	91	172158	18.236	ug/l	99
90) Hexachloroethane	13.85	117	39554	19.653	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	104743	18.564	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17402	18.225	ug/l	99

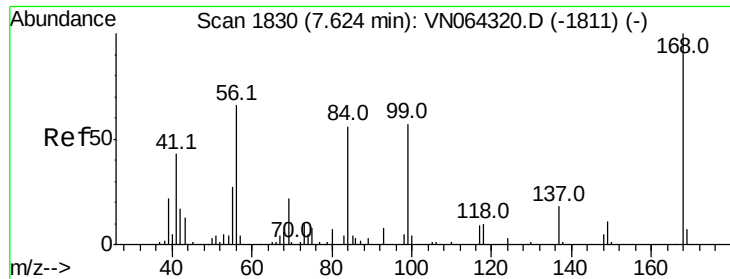
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54699	18.205	ug/l	96
94) Hexachlorobutadiene	14.98	225	31053	17.935	ug/l	96
95) Naphthalene	15.10	128	165958	18.206	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	53640	18.594	ug/l	97

(#) = 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: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

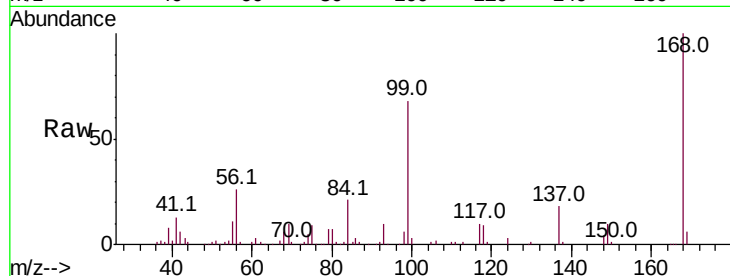
VN1027WBSD01

Tot Ion:168 Resp: 252011

Ion Ratio Lower Upper

168 100

99 67.3 52.7 79.1



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

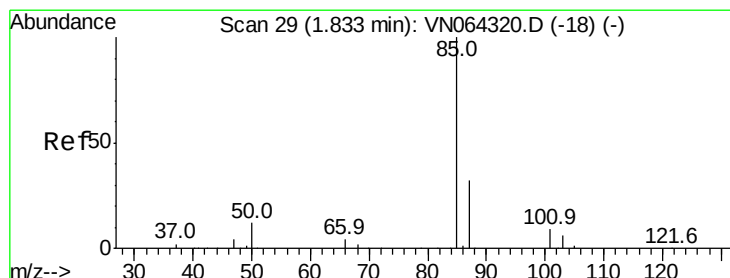
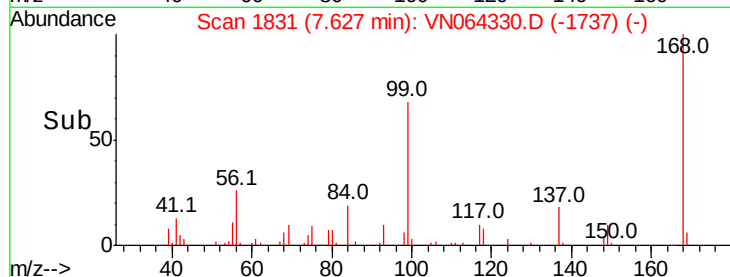
40000

20000

0

Time-->

7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.359 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064330.D

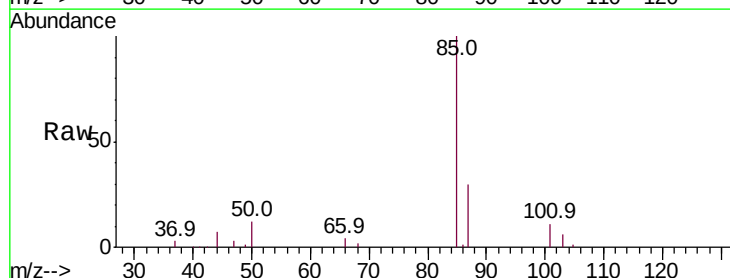
Acq: 27 Oct 2020 16:51

Tgt Ion: 85 Resp: 53183

Ion Ratio Lower Upper

85 100

87 29.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

30000

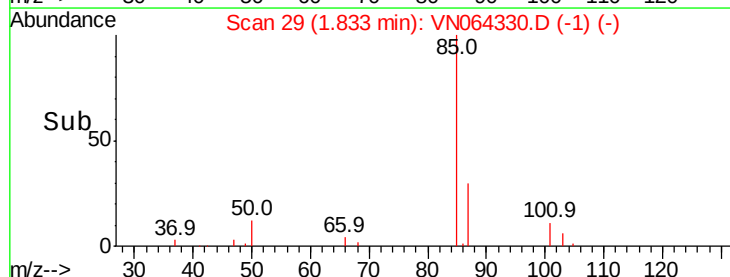
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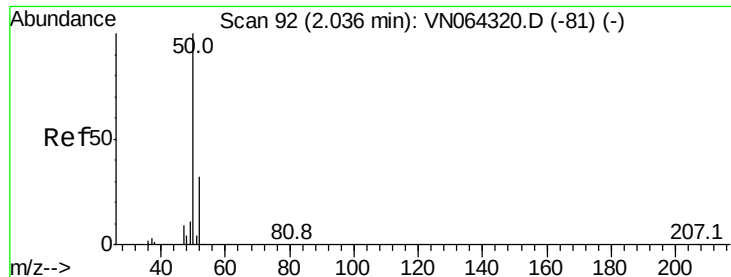
10000

0

Time-->

1.80 1.85 1.90





#3

Chloromethane

Concen: 18.638 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

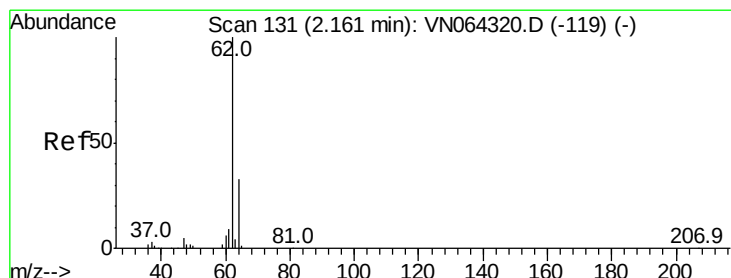
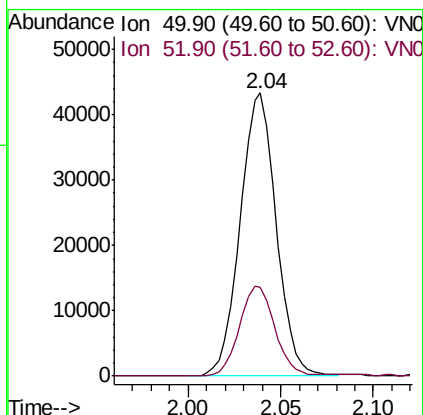
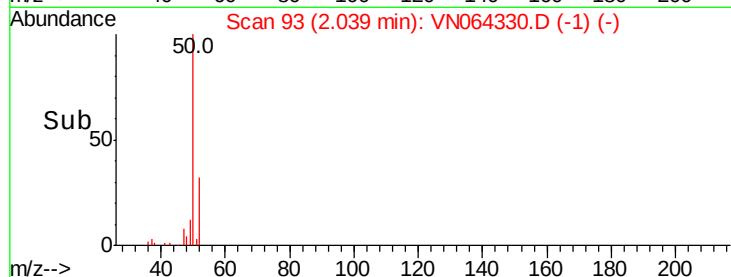
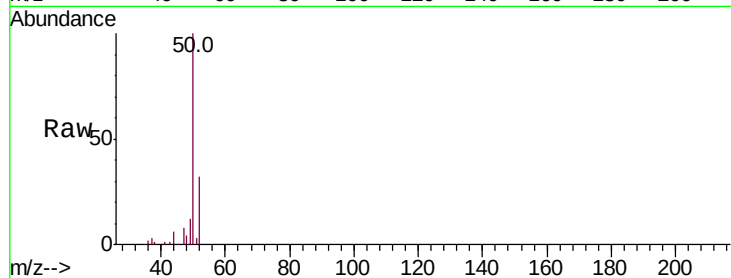
VN1027WBSD01

Tot Ion: 50 Resp: 58364

Ion Ratio Lower Upper

50 100

52 31.5 25.6 38.4



#4

Vinyl Chloride

Concen: 19.188 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064330.D

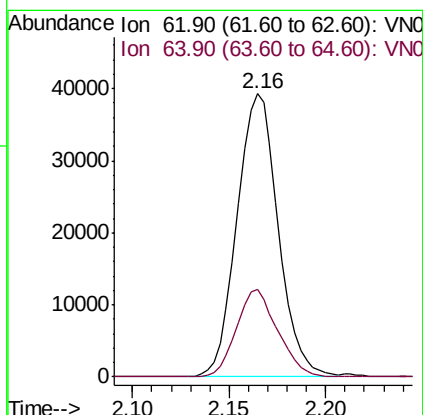
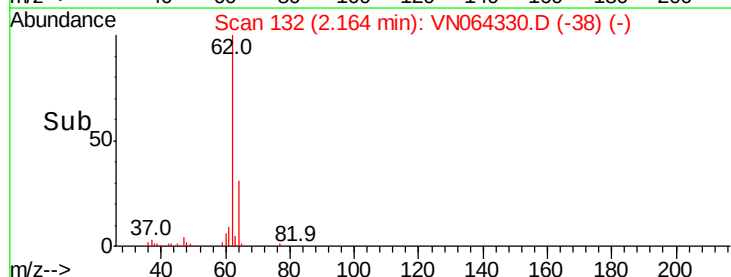
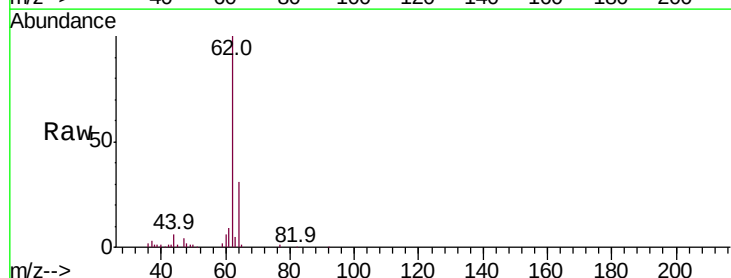
Acq: 27 Oct 2020 16:51

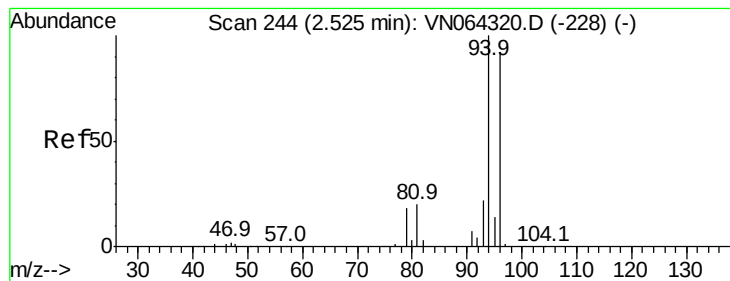
Tgt Ion: 62 Resp: 58120

Ion Ratio Lower Upper

62 100

64 30.7 26.2 39.4





#5

Bromomethane

Concen: 19.130 ug/l

RT: 2.53 min Scan# 247

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

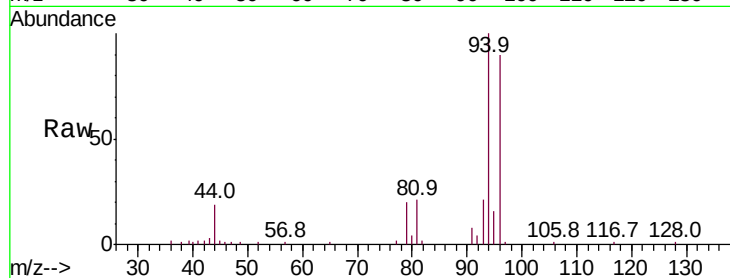
VN1027WBSD01

Tot Ion: 94 Resp: 37441

Ion Ratio Lower Upper

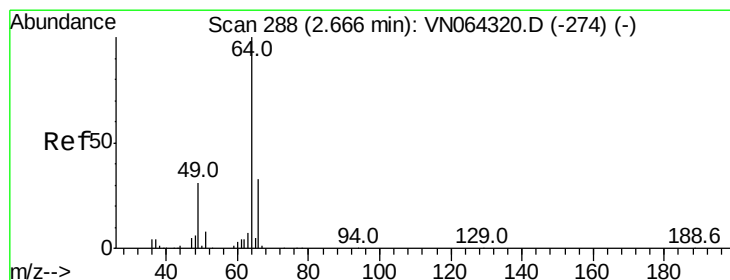
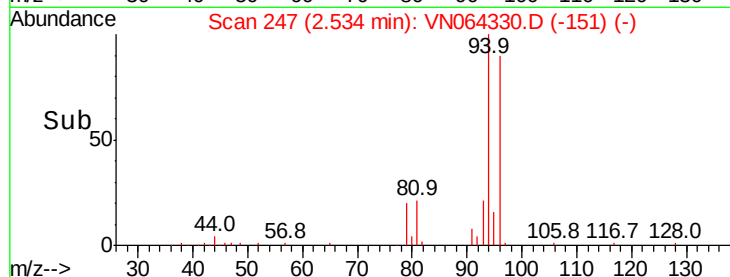
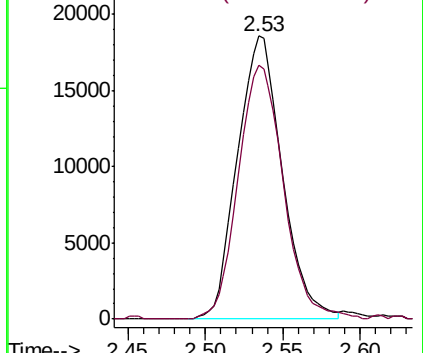
94 100

96 89.9 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.103 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064330.D

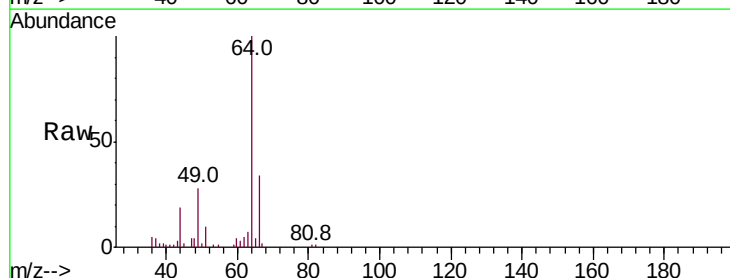
Acq: 27 Oct 2020 16:51

Tgt Ion: 64 Resp: 34575

Ion Ratio Lower Upper

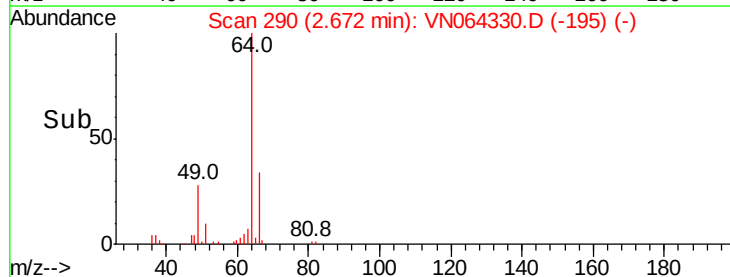
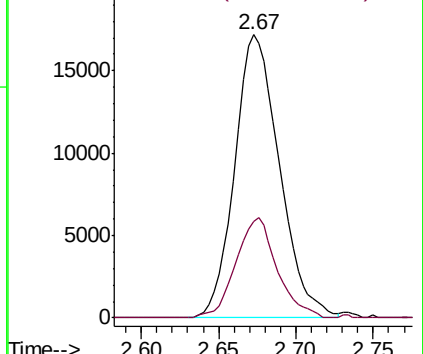
64 100

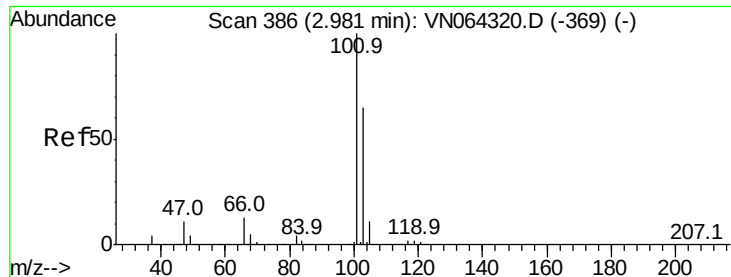
66 34.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



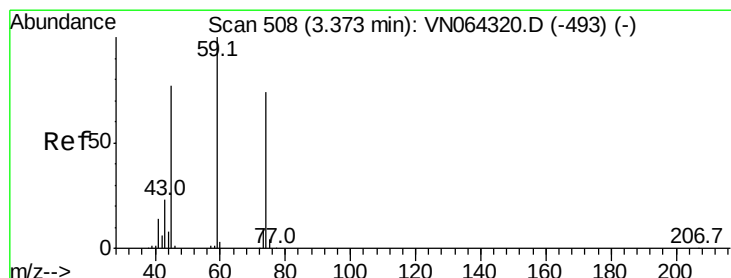
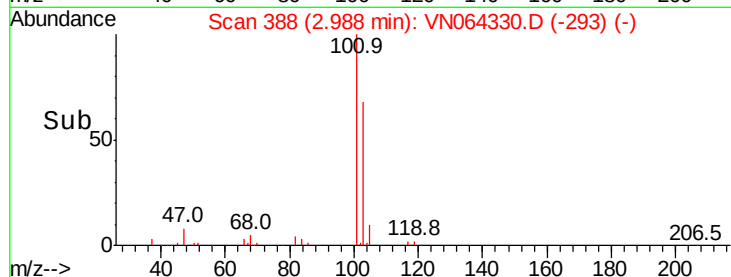
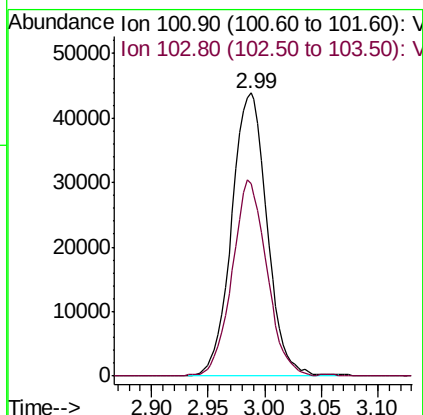
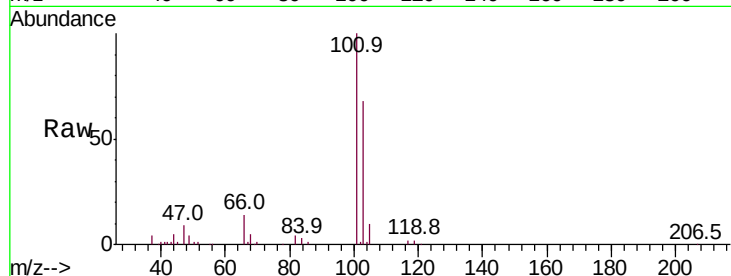


#7

Trichlorofluoromethane
Concen: 18.854 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.01 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

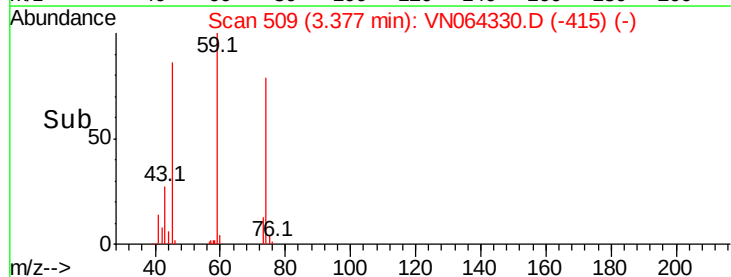
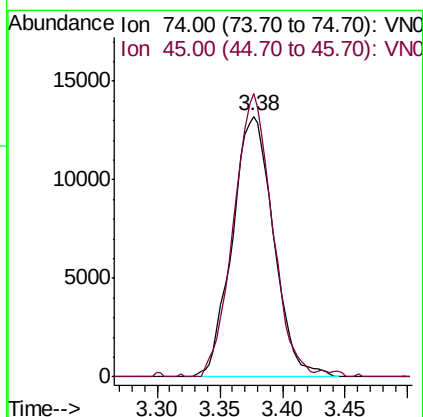
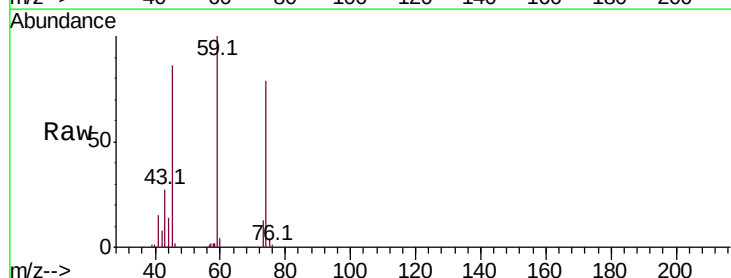
Tot Ion:101 Resp: 95671
Ion Ratio Lower Upper
101 100
103 67.8 51.7 77.5

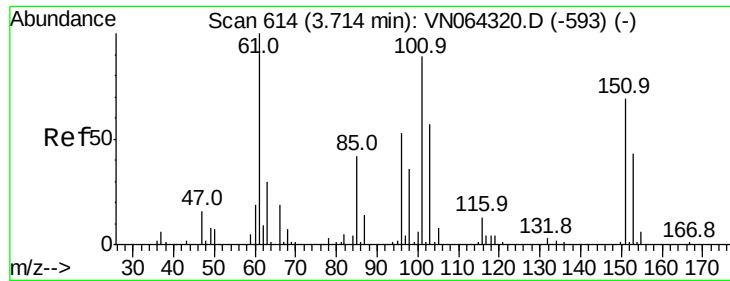


#8

Diethyl Ether
Concen: 18.870 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 74 Resp: 30290
Ion Ratio Lower Upper
74 100
45 101.6 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.210 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

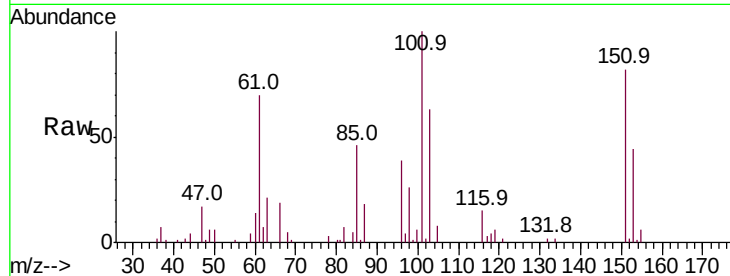
Tot Ion:101 Resp: 48993

Ion Ratio Lower Upper

101 100

85 46.2 38.4 57.6

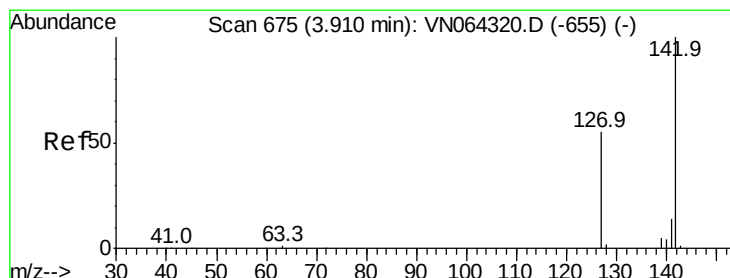
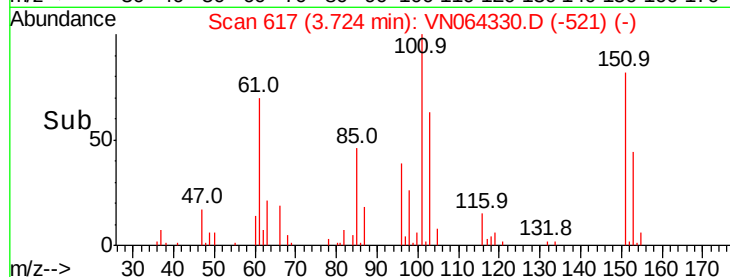
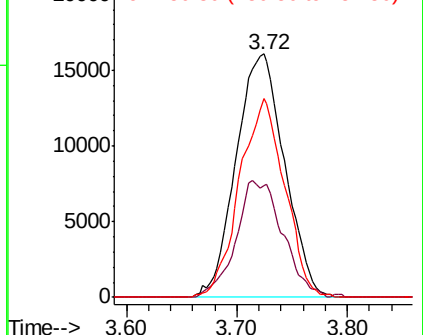
151 76.0 62.0 93.0



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: 18.471 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

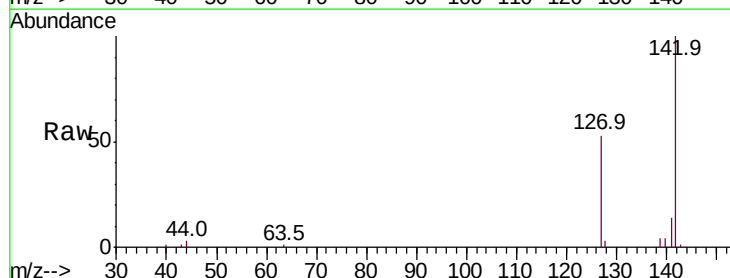
Tgt Ion:142 Resp: 62864

Ion Ratio Lower Upper

142 100

127 54.2 43.3 64.9

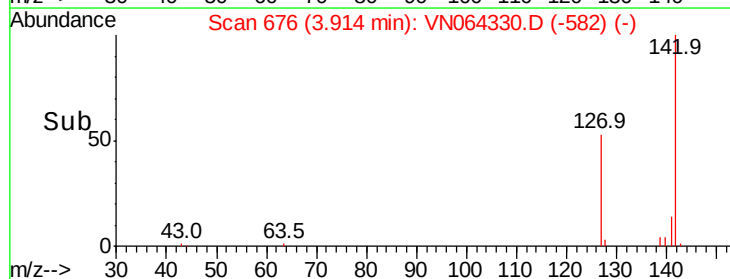
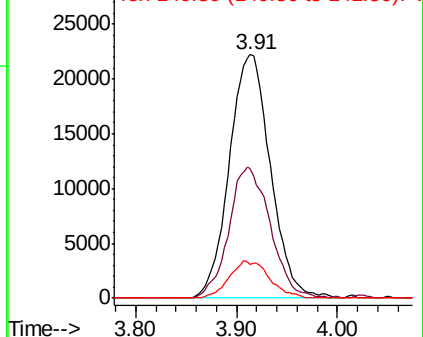
141 14.9 11.5 17.3

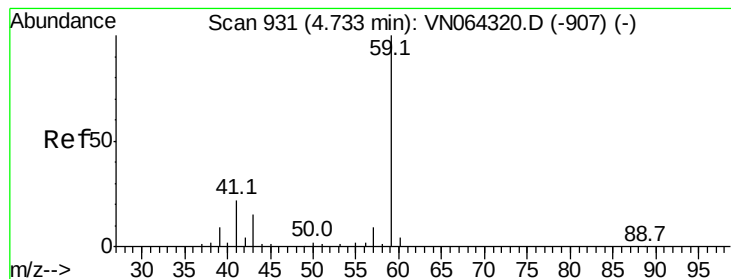


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



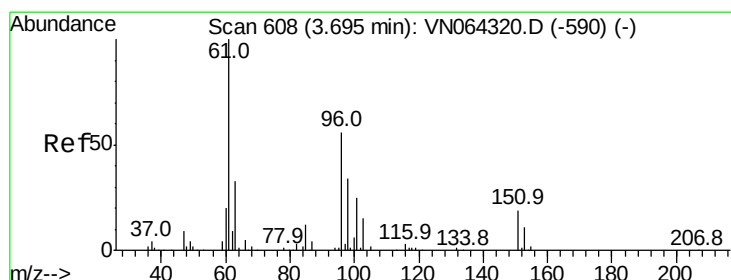
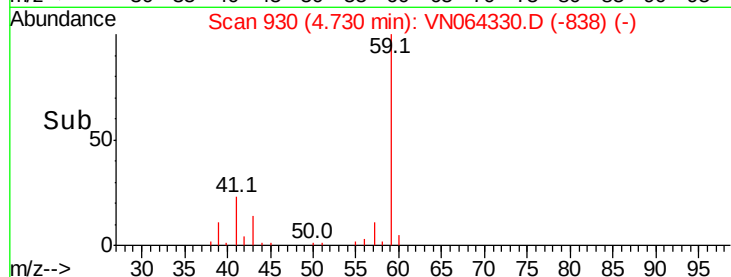
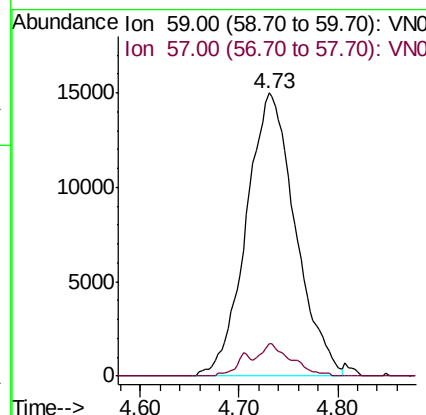
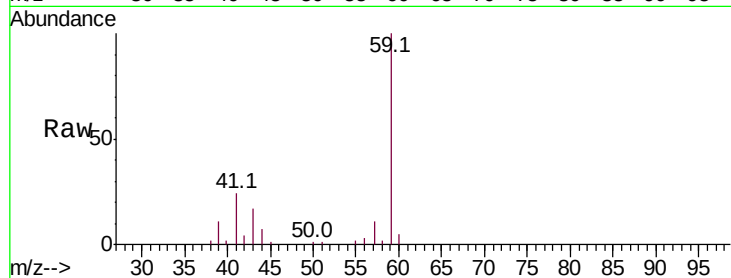


#11

Tert butyl alcohol
 Concen: 87.862 ug/l
 RT: 4.73 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

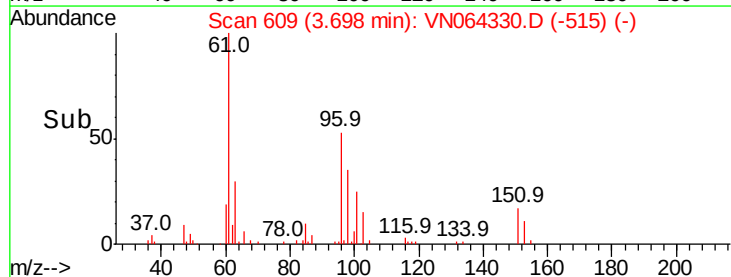
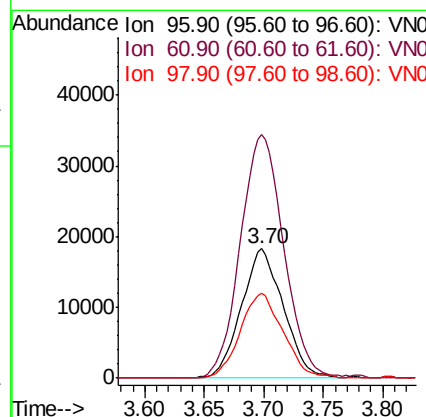
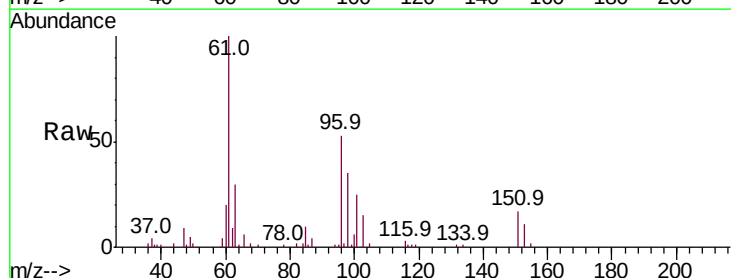
Tot Ion: 59 Resp: 51653
 Ion Ratio Lower Upper
 59 100
 57 7.4 9.4 14.0#

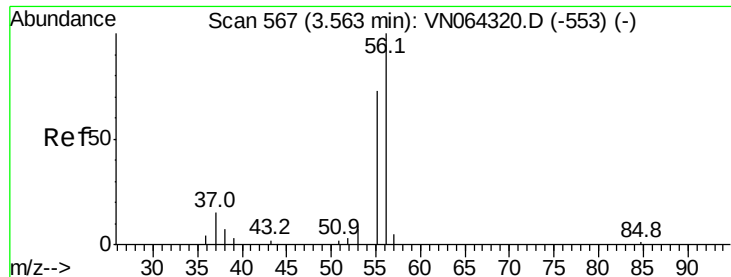


#12

1,1-Dichloroethene
 Concen: 18.551 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion: 96 Resp: 44664
 Ion Ratio Lower Upper
 96 100
 61 188.3 143.6 215.4
 98 65.4 48.6 73.0





#13

Acrolein

Concen: 110.384 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

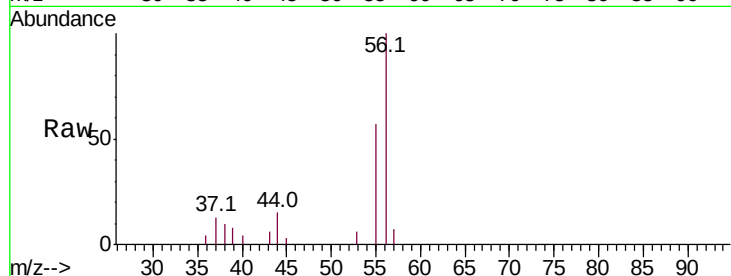
VN1027WBSD01

Tot Ion: 56 Resp: 12727

Ion Ratio Lower Upper

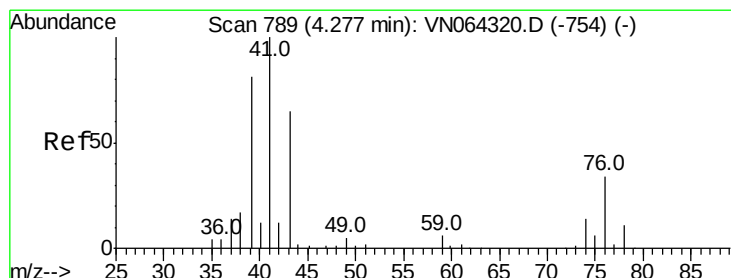
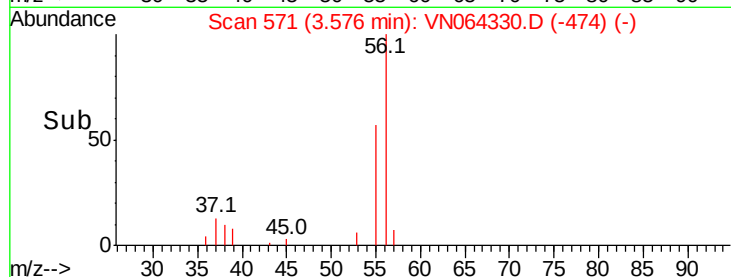
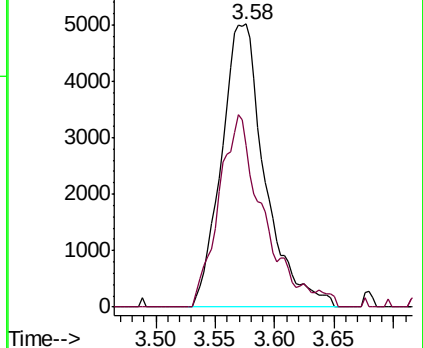
56 100

55 66.1 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VNC

Ion 55.00 (54.70 to 55.70): VNC



#14

Allyl chloride

Concen: 18.620 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

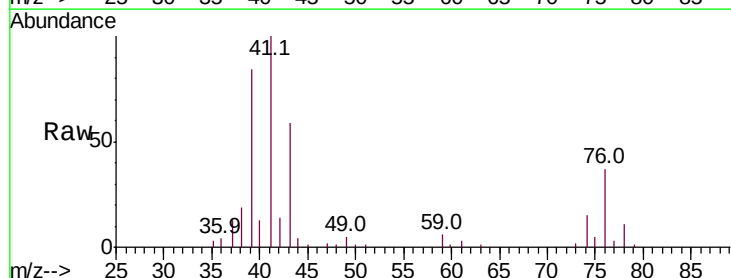
Tgt Ion: 41 Resp: 91539

Ion Ratio Lower Upper

41 100

39 76.4 61.7 92.5

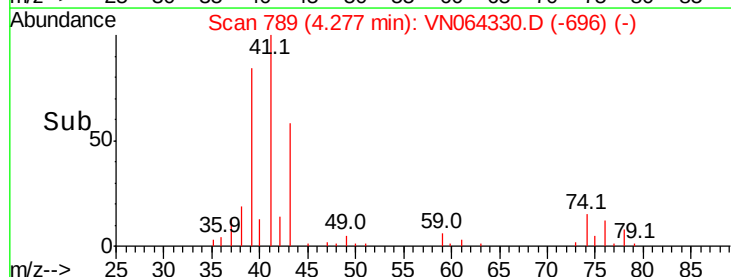
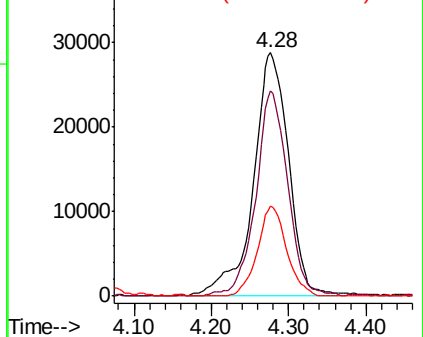
76 30.6 24.0 36.0

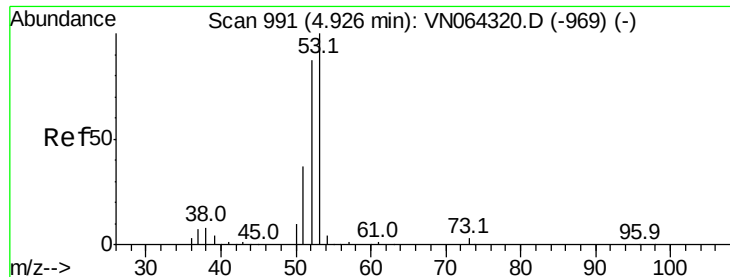


Abundance Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 75.90 (75.60 to 76.60): VNC





#15

Acrylonitrile

Concen: 89.265 ug/l

RT: 4.93 min Scan# 991

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

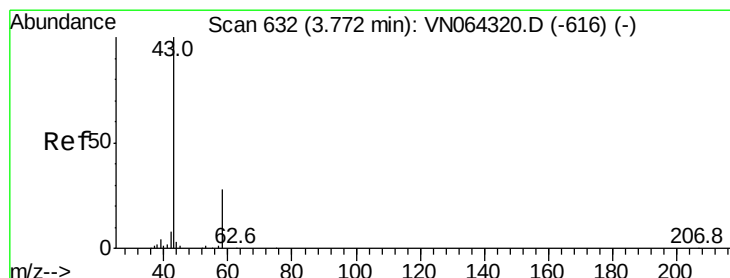
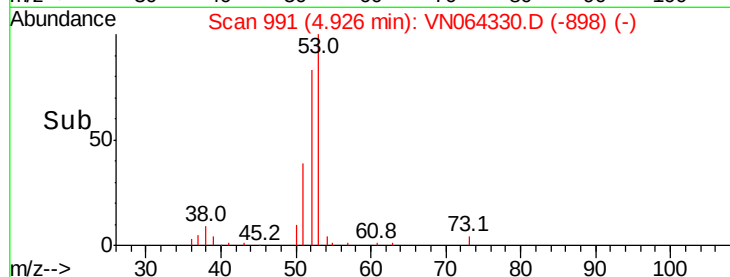
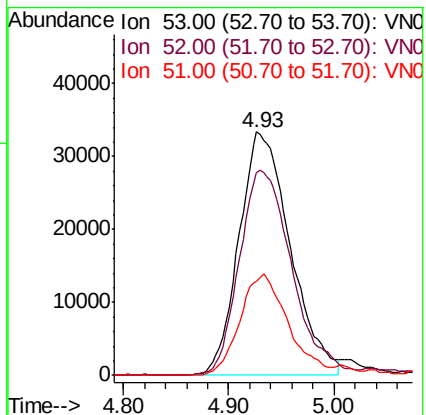
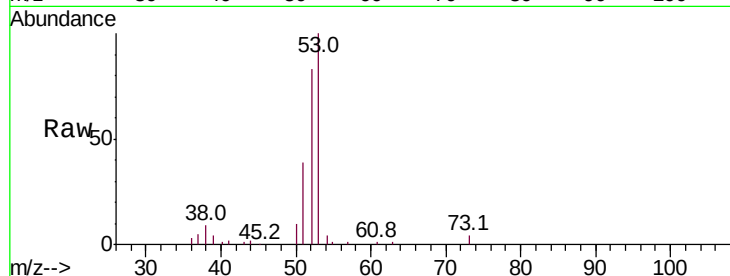
Tot Ion: 53 Resp: 112853

Ion Ratio Lower Upper

53 100

52 86.3 65.9 98.9

51 38.9 30.4 45.6



#16

Acetone

Concen: 81.499 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064330.D

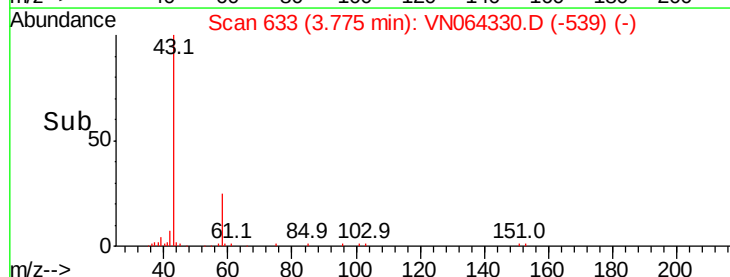
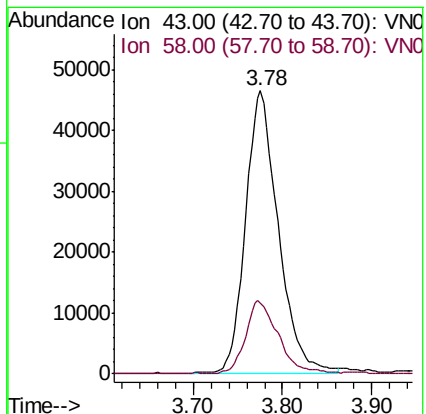
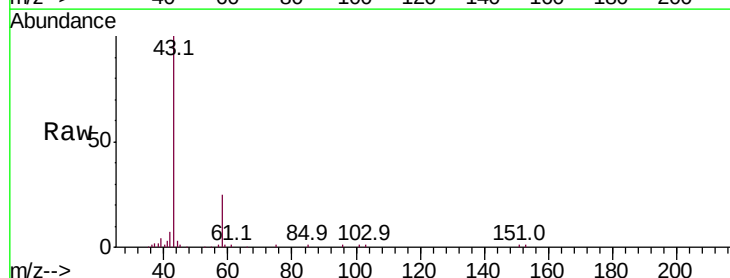
Acq: 27 Oct 2020 16:51

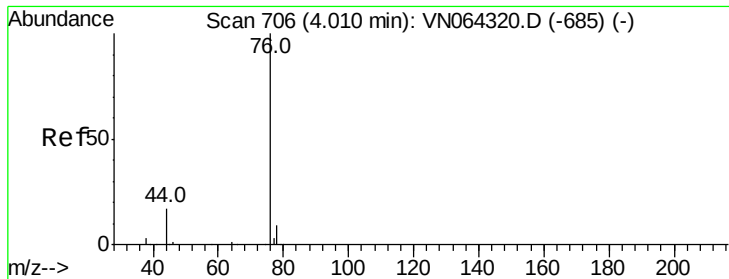
Tgt Ion: 43 Resp: 119360

Ion Ratio Lower Upper

43 100

58 25.2 22.1 33.1

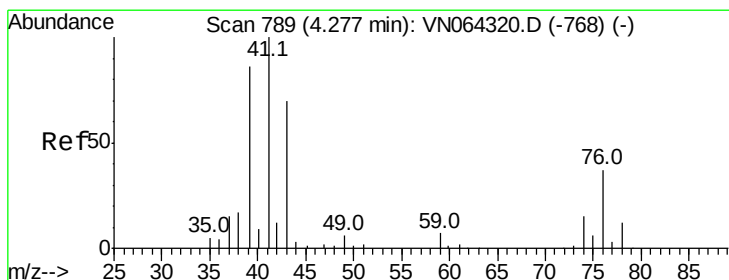
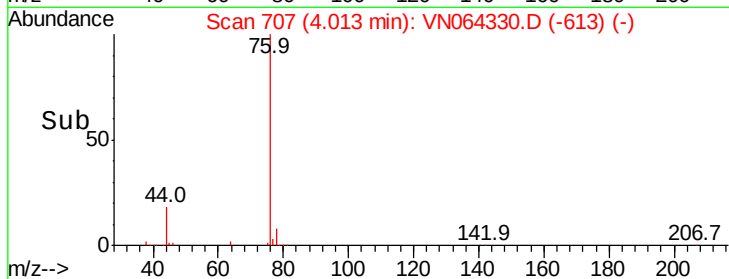
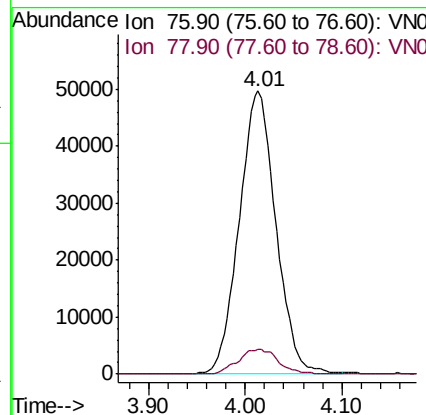
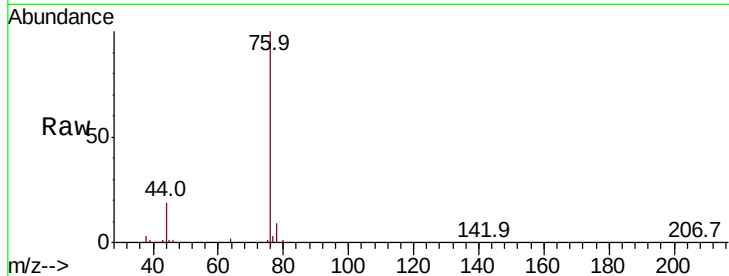




#17
Carbon Disulfide
Concen: 18.357 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

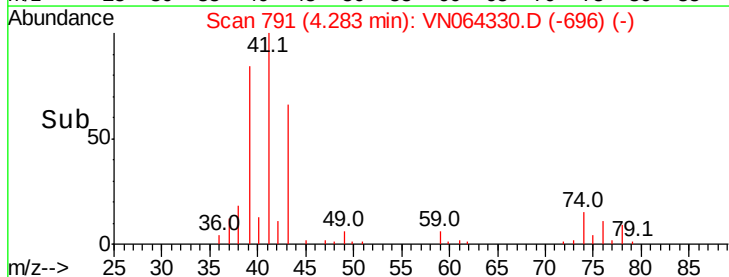
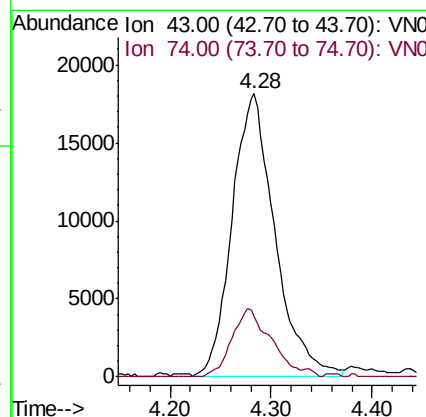
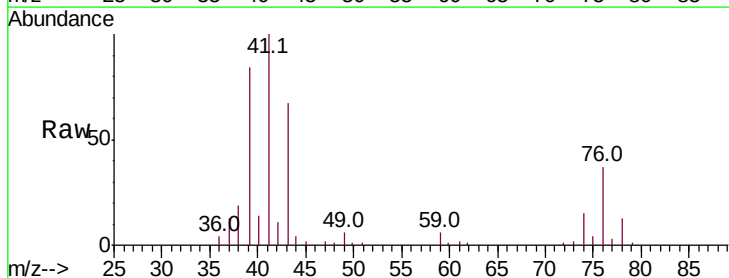
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

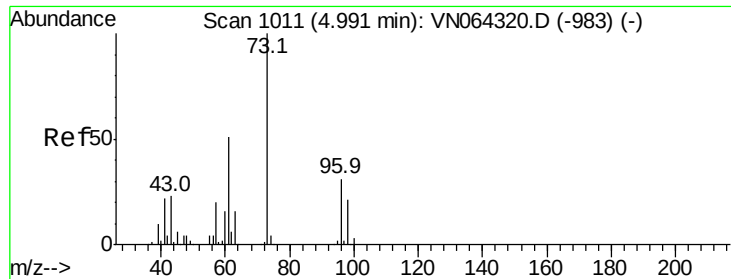
Tot Ion: 76 Resp: 130768
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9



#18
Methyl Acetate
Concen: 17.686 ug/l
RT: 4.28 min Scan# 791
Delta R.T. 0.01 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 43 Resp: 53805
Ion Ratio Lower Upper
43 100
74 21.8 16.7 25.1



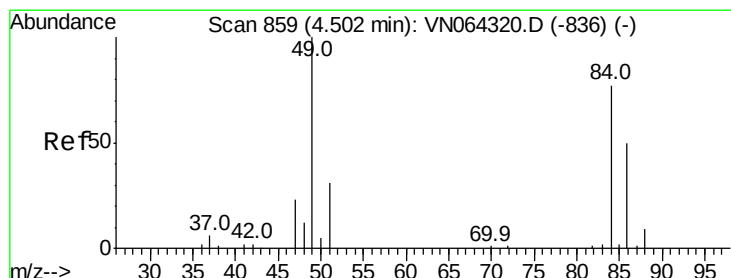
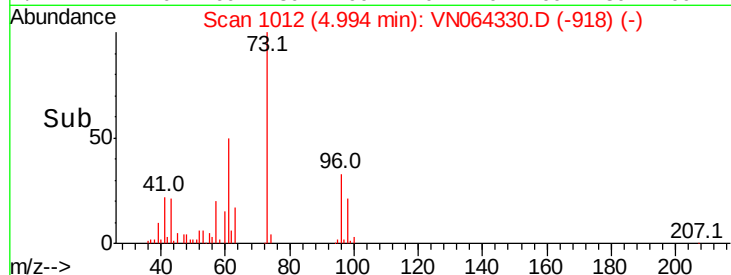
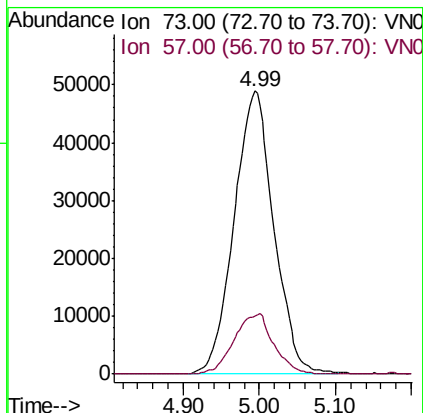
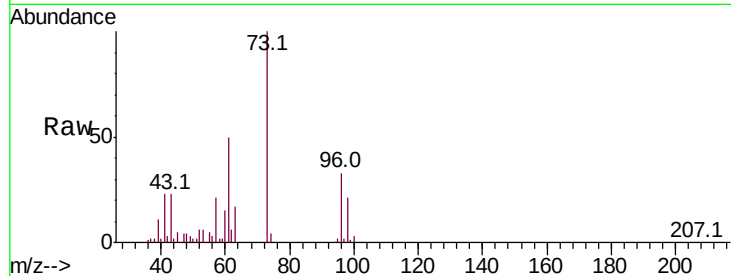


#19

Methyl tert-butyl Ether
 Concen: 19.185 ug/l
 RT: 4.99 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Instrument :
 MSVOA_N
 ClientSampled :
 VN1027WBSD01

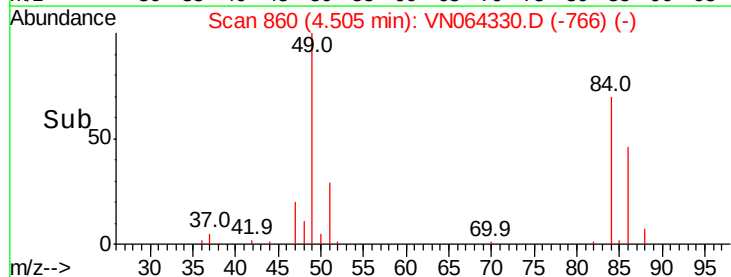
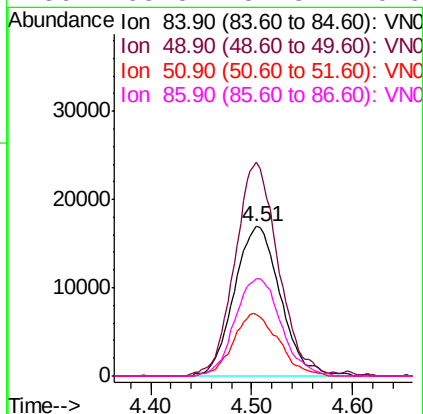
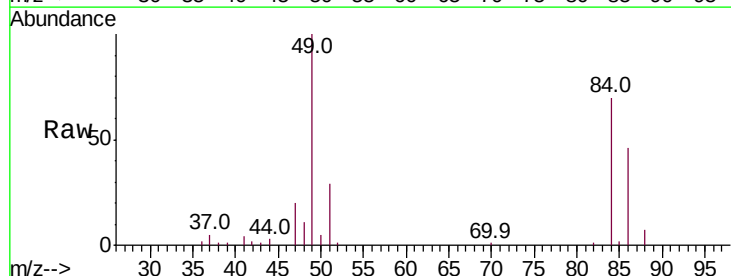
Tot Ion: 73 Resp: 177479
 Ion Ratio Lower Upper
 73 100
 57 20.5 16.1 24.1

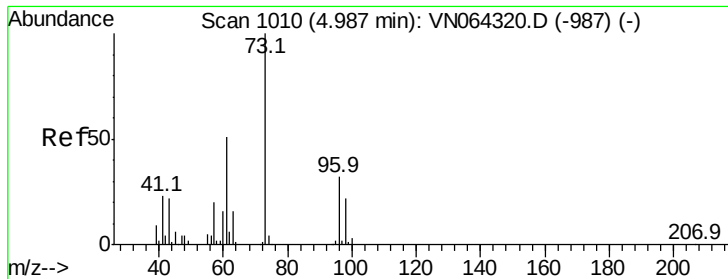


#20

Methylene Chloride
 Concen: 18.674 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion: 84 Resp: 53634
 Ion Ratio Lower Upper
 84 100
 49 141.9 103.6 155.4
 51 41.4 31.8 47.8
 86 65.3 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.712 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

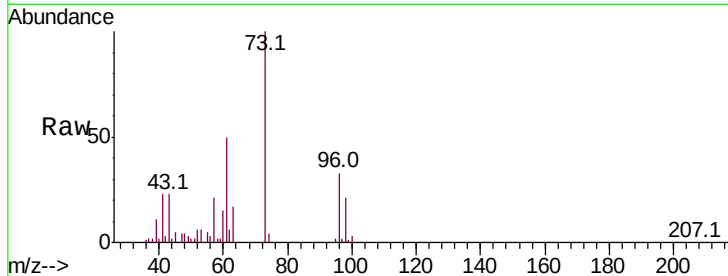
MSVOA_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 96 Resp: 50257

Ion	Ratio	Lower	Upper
96	100		
61	151.4	128.2	192.2
98	62.6	56.1	84.1

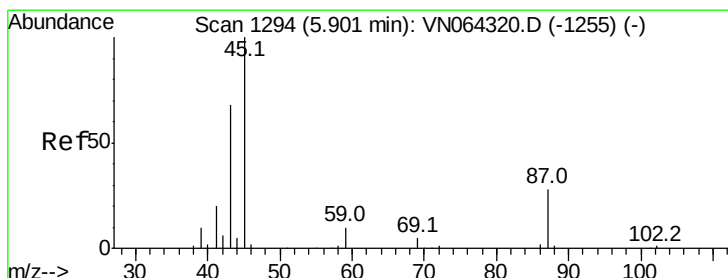
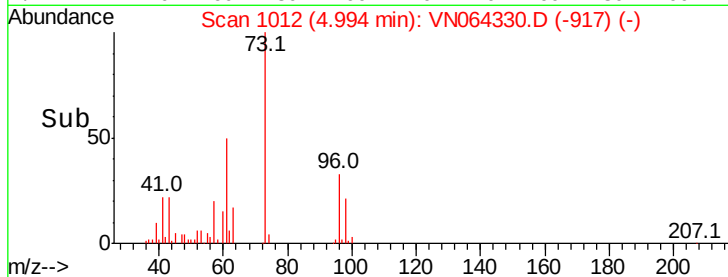
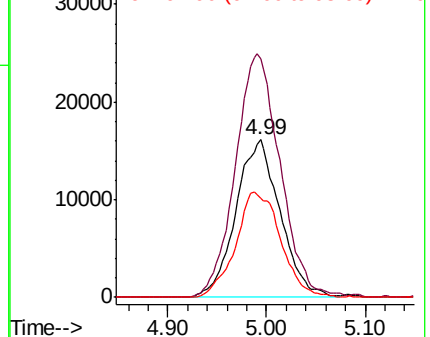


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.868 ug/l

RT: 5.90 min Scan# 1294

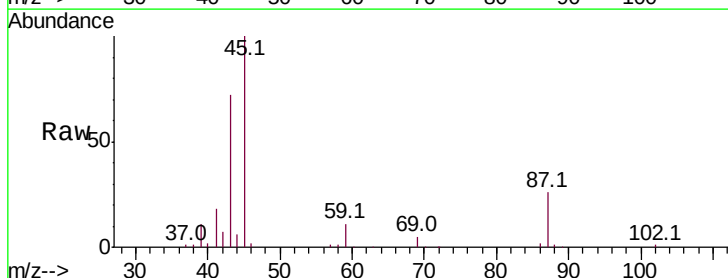
Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion: 45 Resp: 181303

Ion	Ratio	Lower	Upper
45	100		
43	70.2	54.6	82.0
87	25.7	22.6	33.8
59	10.8	8.6	12.8



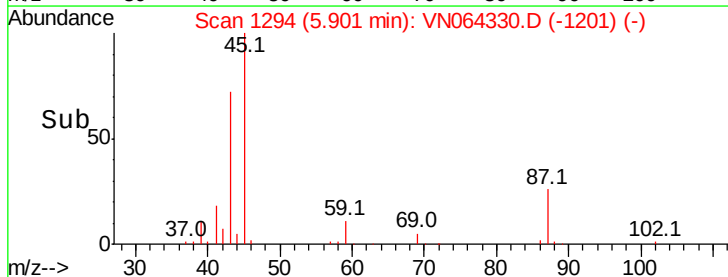
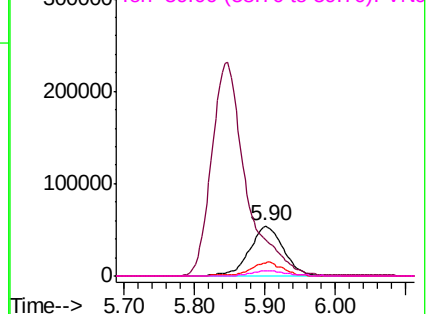
Abundance

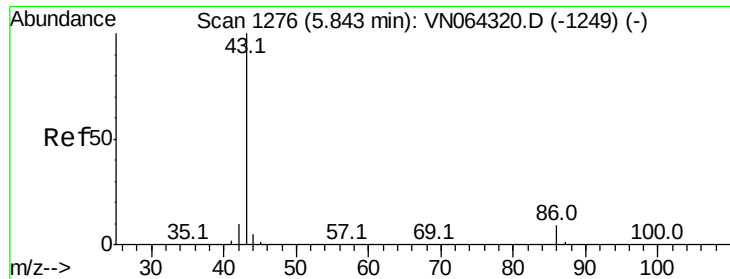
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 96.795 ug/l

RT: 5.85 min Scan# 1277

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

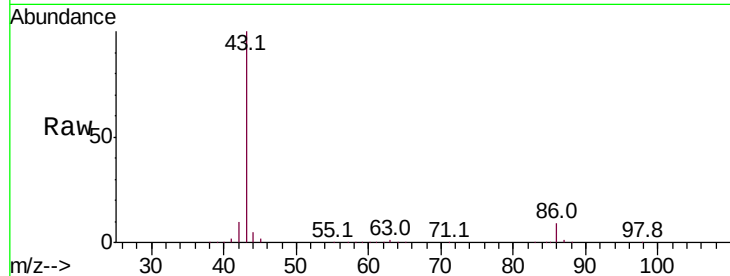
VN1027WBSD01

Tot Ion: 43 Resp: 786909

Ion Ratio Lower Upper

43 100

86 9.3 7.3 10.9



Abundance Ion 43.00 (42.70 to 43.70): VN064330.D (-1249) (-)

Ion 86.00 (85.70 to 86.70): VN064330.D (-1249) (-)

5.85

250000

200000

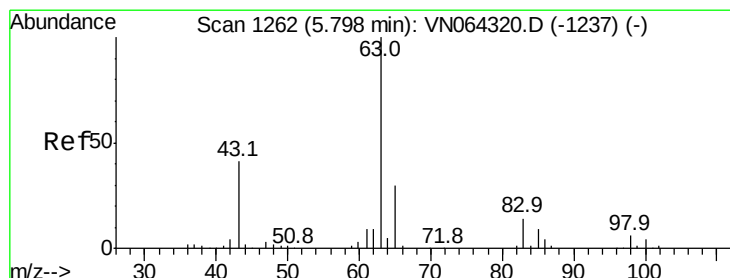
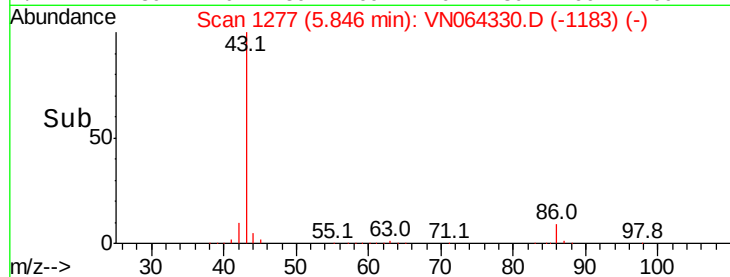
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.178 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

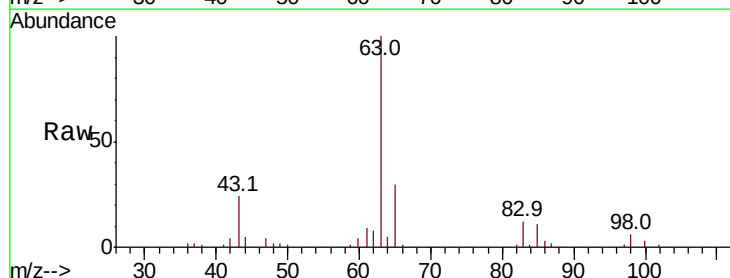
Tgt Ion: 63 Resp: 103121

Ion Ratio Lower Upper

63 100

98 5.6 3.1 9.4

100 3.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN064330.D (-1237) (-)

Ion 97.90 (97.60 to 98.60): VN064330.D (-1237) (-)

Ion 99.90 (99.60 to 100.60): VN064330.D (-1237) (-)

5.80

40000

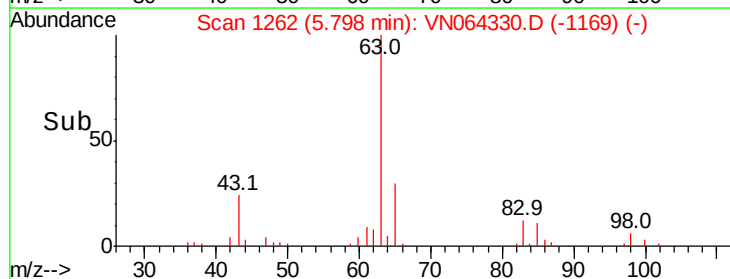
30000

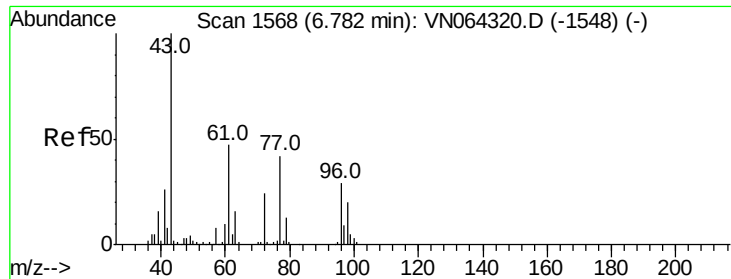
20000

10000

0

Time-->





#25

2-Butanone

Concen: 86.254 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

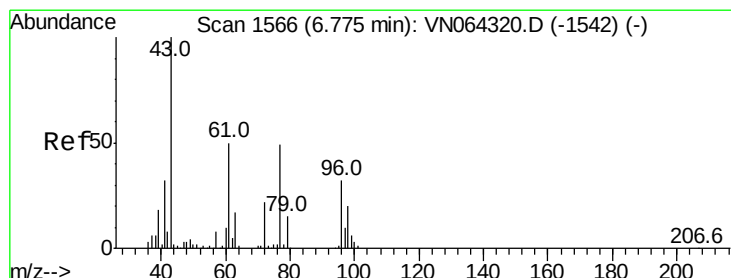
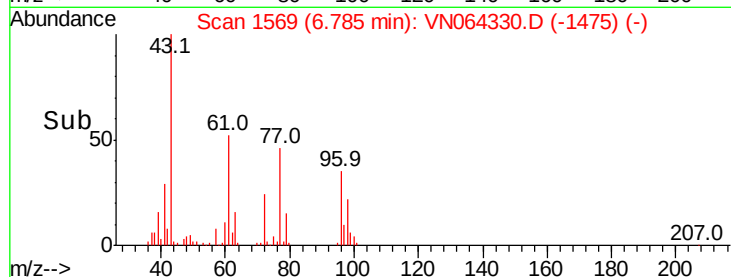
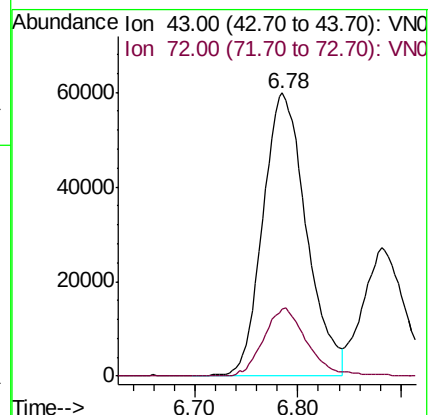
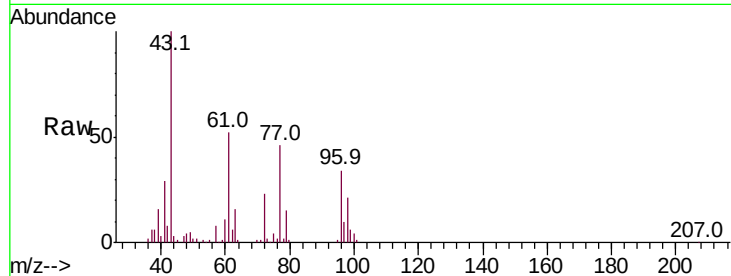
VN1027WBSD01

Tot Ion: 43 Resp: 175390

Ion Ratio Lower Upper

43 100

72 23.5 18.8 28.2



#26

2,2-Dichloropropane

Concen: 18.164 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064330.D

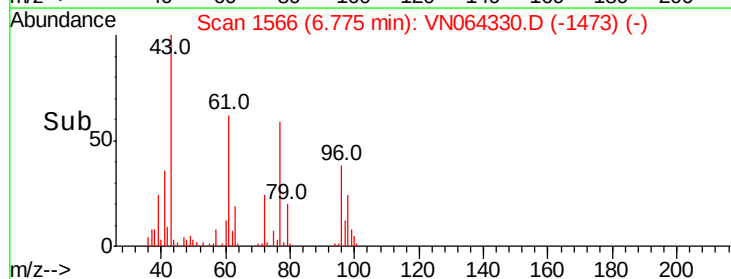
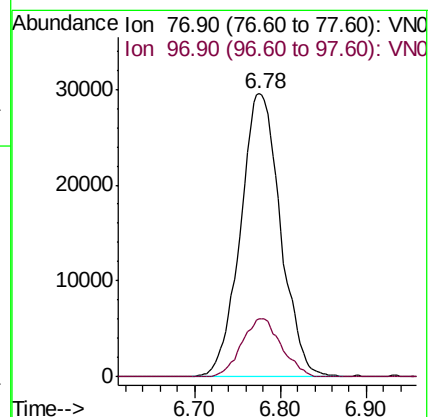
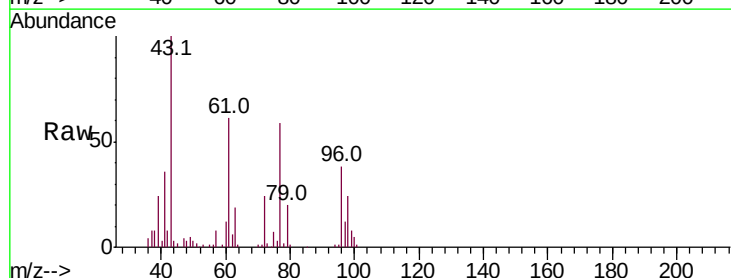
Acq: 27 Oct 2020 16:51

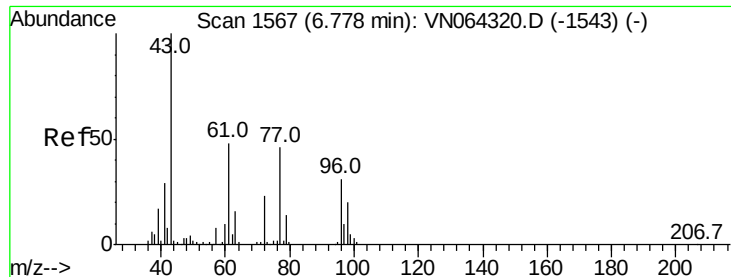
Tgt Ion: 77 Resp: 95586

Ion Ratio Lower Upper

77 100

97 20.4 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 19.614 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

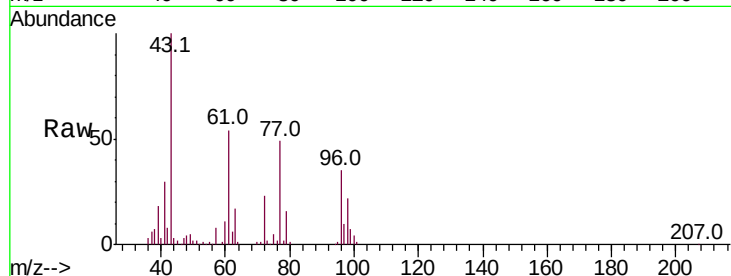
Tot Ion: 96 Resp: 60291

Ion Ratio Lower Upper

96 100

61 157.3 0.0 325.0

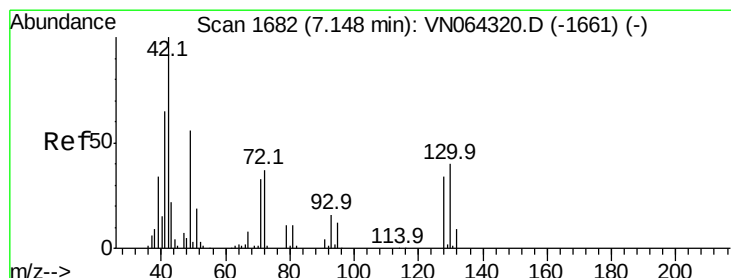
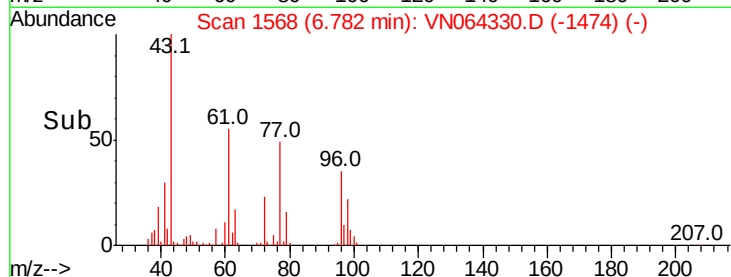
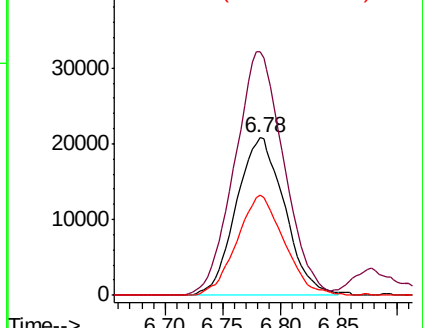
98 61.9 0.0 128.4



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: 16.407 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

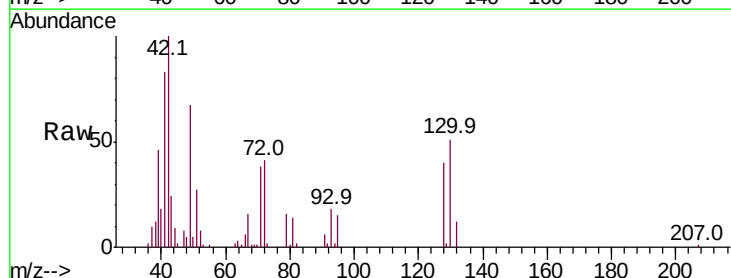
Tgt Ion: 49 Resp: 42032

Ion Ratio Lower Upper

49 100

129 1.7 0.0 2.8

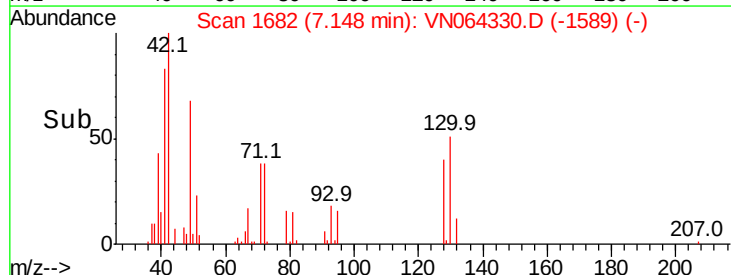
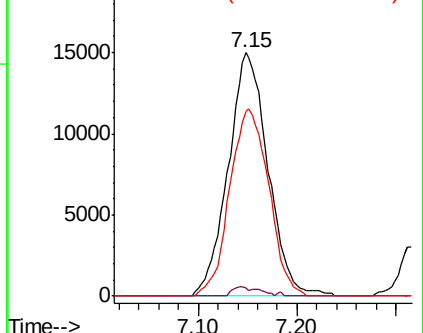
130 75.3 56.2 84.2

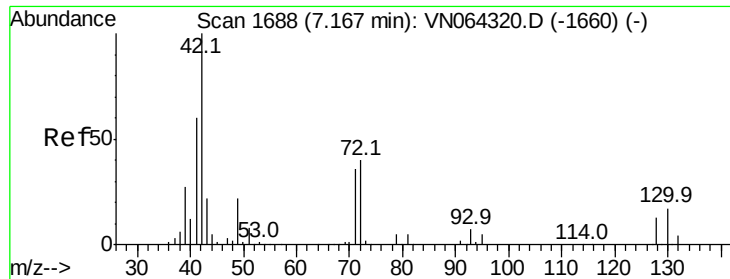


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 87.320 ug/l

RT: 7.17 min Scan# 1688

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampled :

VN1027WBSD01

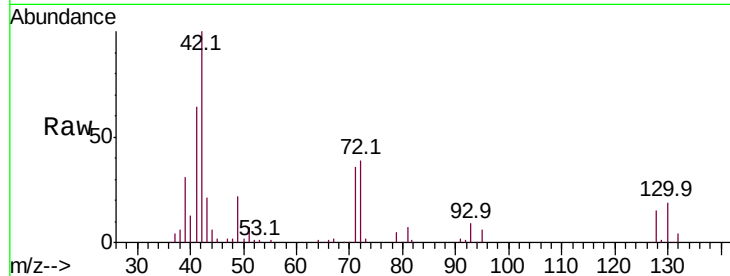
Tot Ion: 42 Resp: 115269

Ion Ratio Lower Upper

42 100

72 39.0 31.6 47.4

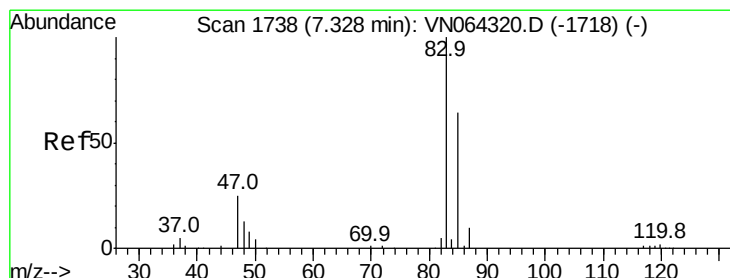
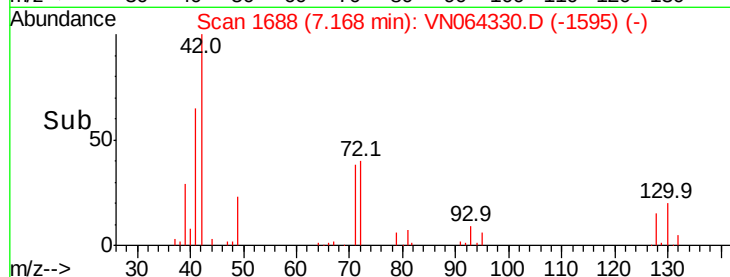
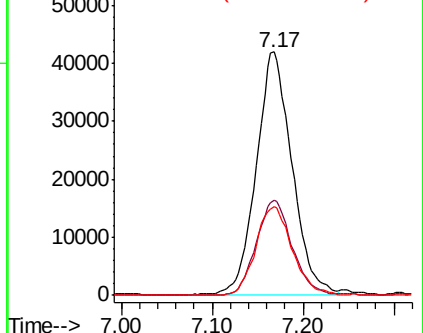
71 36.8 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN064320.D (-1660) (-)

Ion 72.00 (71.70 to 72.70): VN064320.D (-1660) (-)

Ion 71.00 (70.70 to 71.70): VN064320.D (-1660) (-)



#30

Chloroform

Concen: 18.415 ug/l

RT: 7.33 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VN064330.D

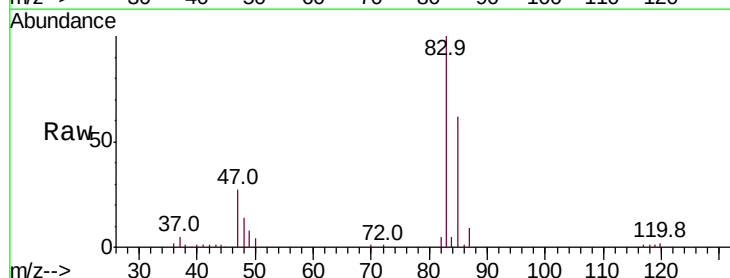
Acq: 27 Oct 2020 16:51

Tgt Ion: 83 Resp: 105690

Ion Ratio Lower Upper

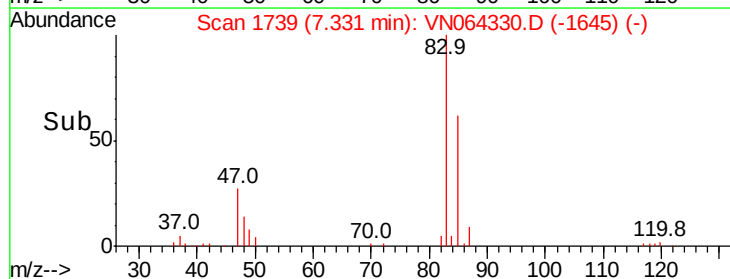
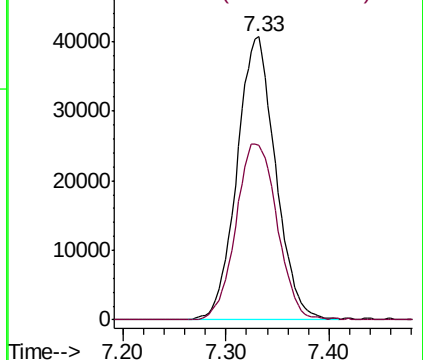
83 100

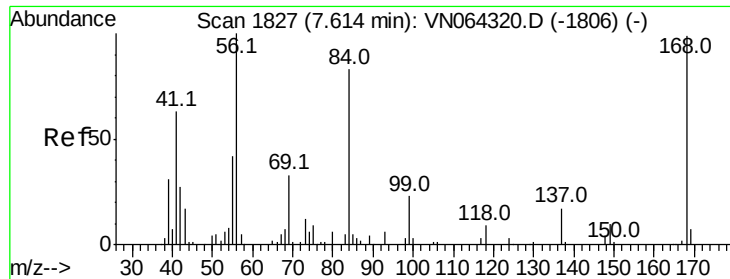
85 61.5 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-1718) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-1718) (-)

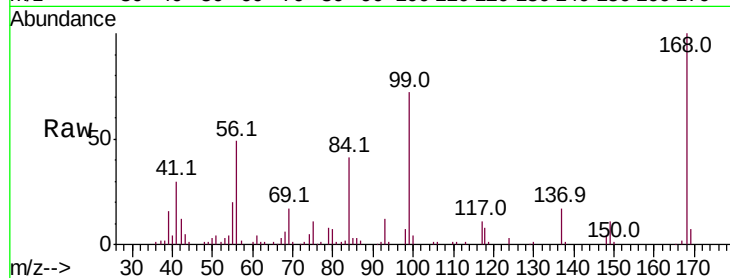




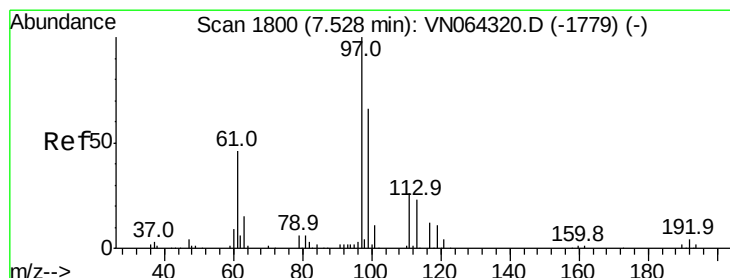
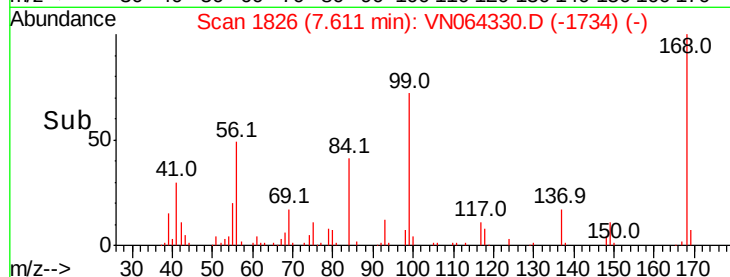
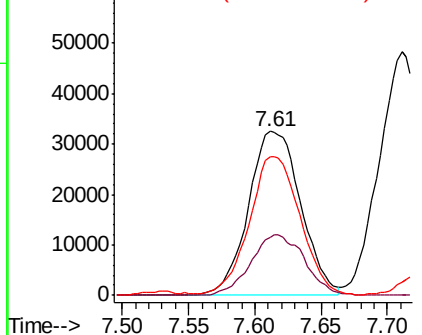
#31
Cyclohexane
Concen: 19.116 ug/l
RT: 7.61 min Scan# 1826
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion: 56 Resp: 89849
Ion Ratio Lower Upper
56 100
69 35.4 25.8 38.8
84 82.7 66.3 99.5

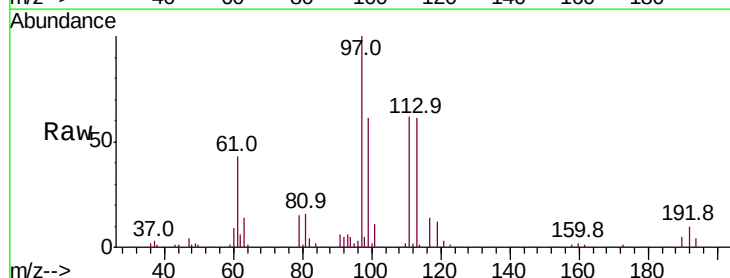


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

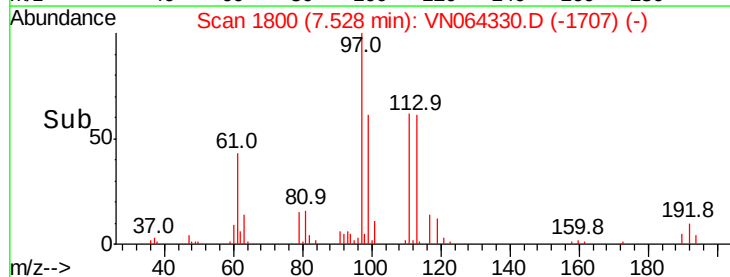
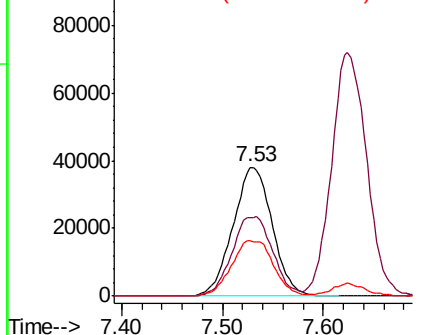


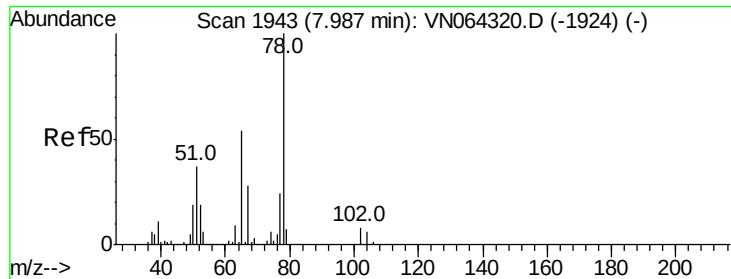
#32
1,1,1-Trichloroethane
Concen: 18.637 ug/l
RT: 7.53 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 97 Resp: 102714
Ion Ratio Lower Upper
97 100
99 63.9 50.6 76.0
61 46.3 35.8 53.6



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.732 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

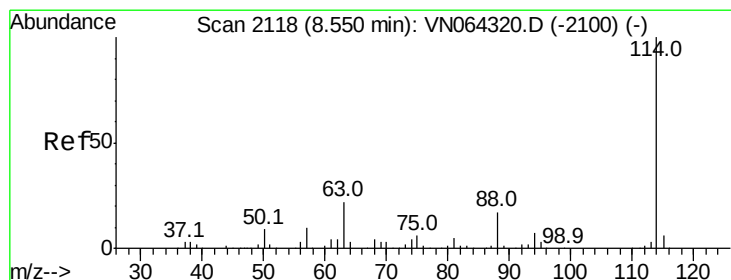
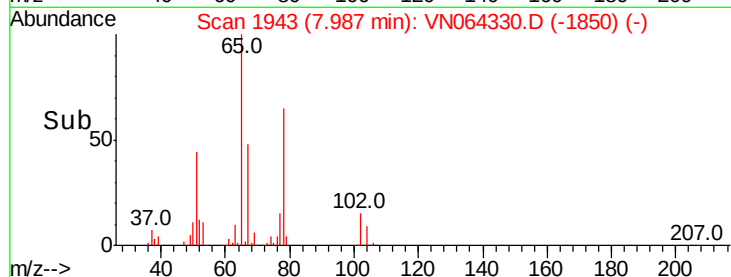
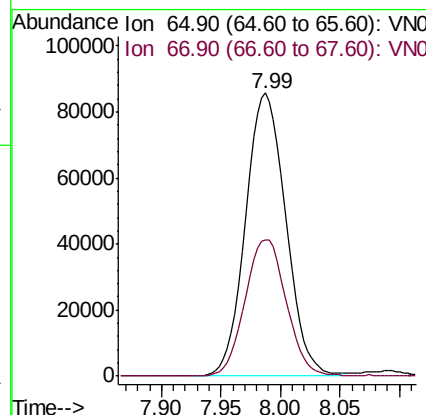
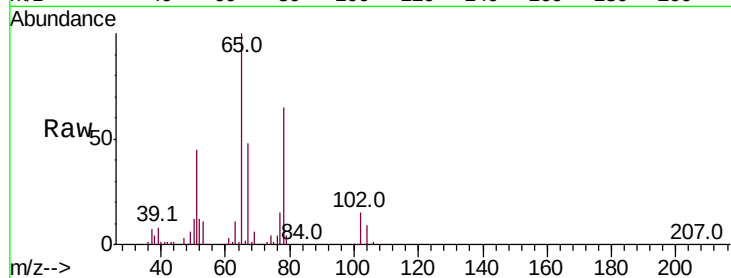
Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion: 65 Resp: 201402

Ion	Ratio	Lower	Upper
65	100		
67	49.3	0.0	99.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

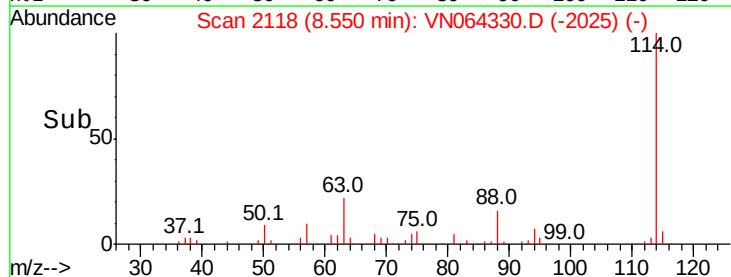
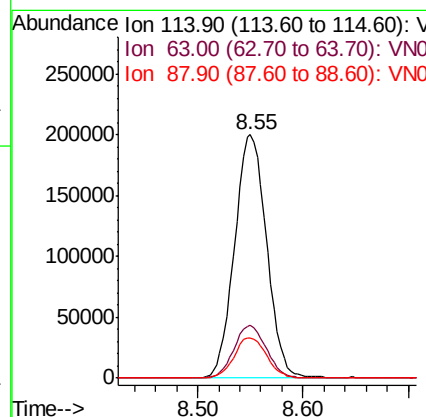
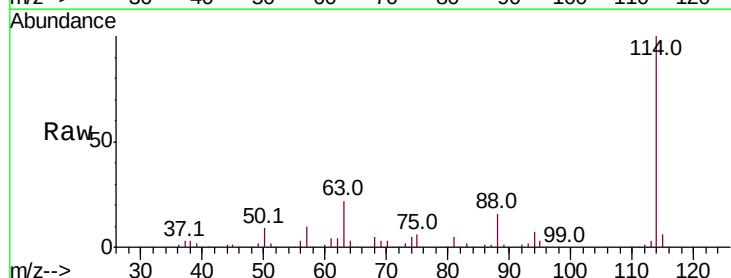
Delta R.T. 0.00 min

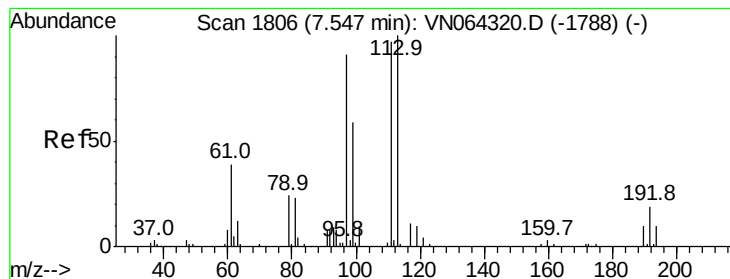
Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion: 114 Resp: 421361

Ion	Ratio	Lower	Upper
114	100		
63	21.5	0.0	44.6
88	16.4	0.0	33.4





#35

Dibromofluoromethane

Concen: 48.520 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

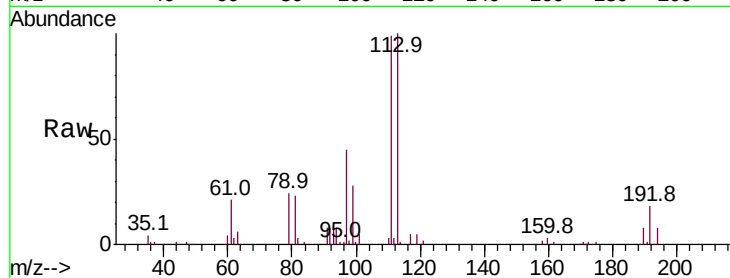
Tot Ion:113 Resp: 136339

Ion Ratio Lower Upper

113 100

111 101.5 81.5 122.3

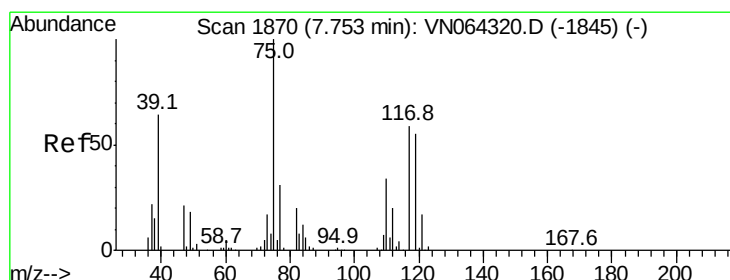
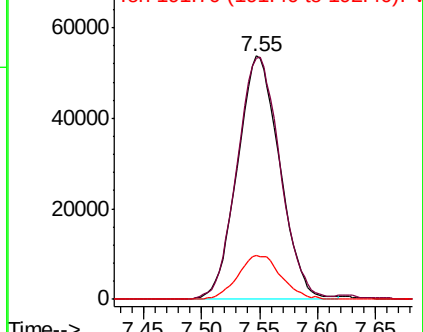
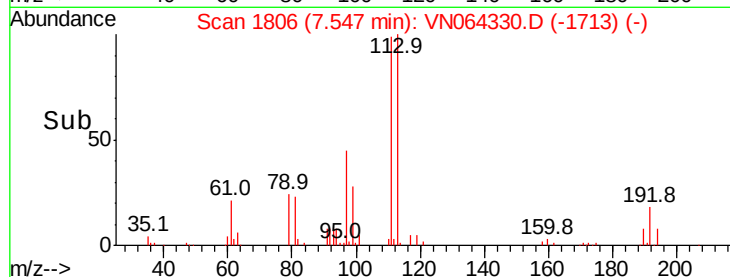
192 18.4 15.0 22.4



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: 18.854 ug/l

RT: 7.75 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

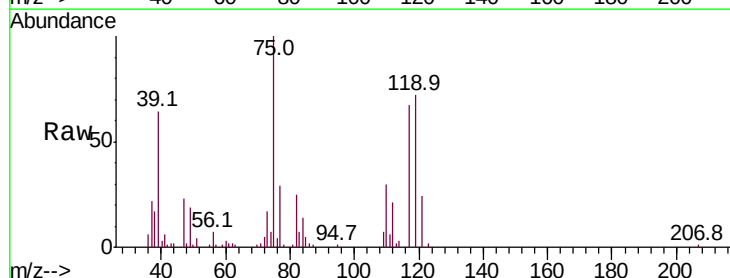
Tgt Ion: 75 Resp: 80178

Ion Ratio Lower Upper

75 100

110 31.3 16.8 50.3

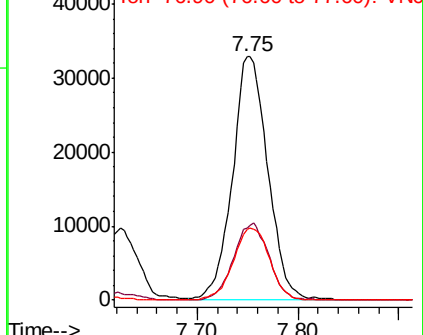
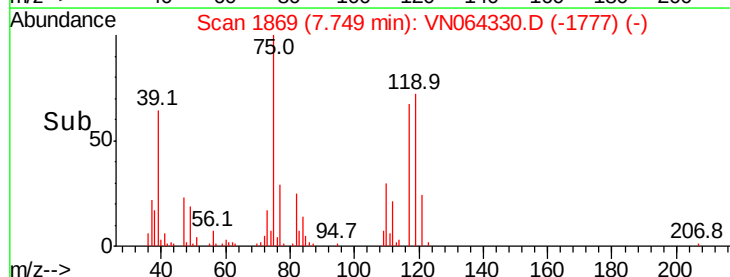
77 30.3 24.2 36.4

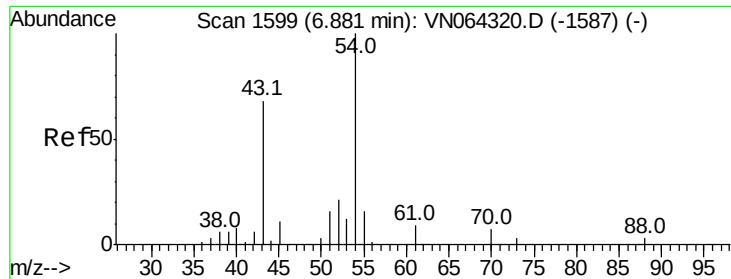


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

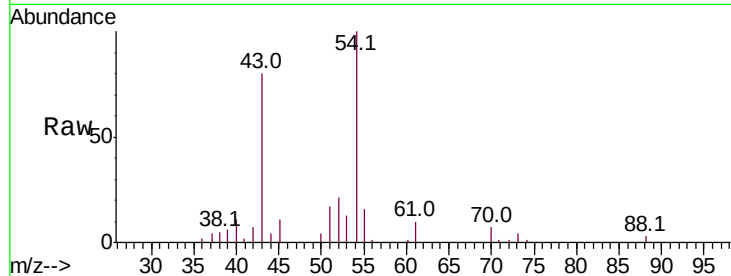




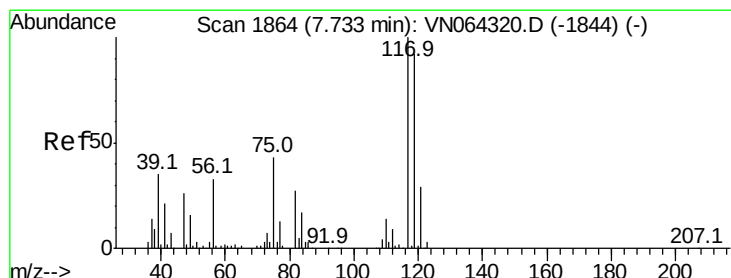
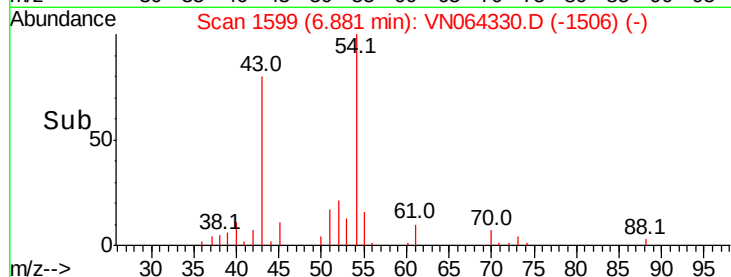
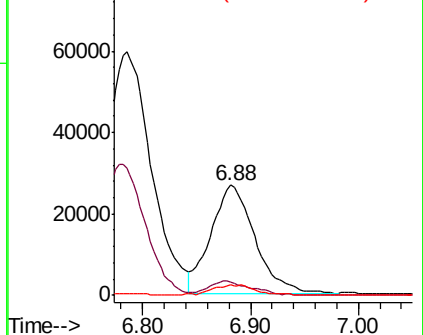
#37
Ethyl Acetate
Concen: 17.720 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion: 43 Resp: 76114
Ion Ratio Lower Upper
43 100
61 12.8 10.0 15.0
70 9.4 7.1 10.7

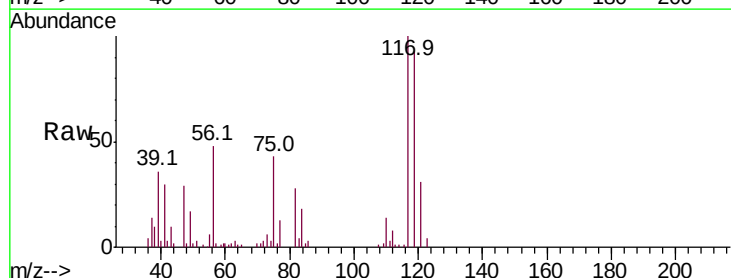


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

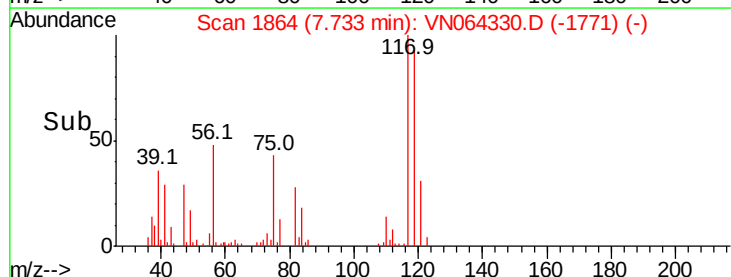
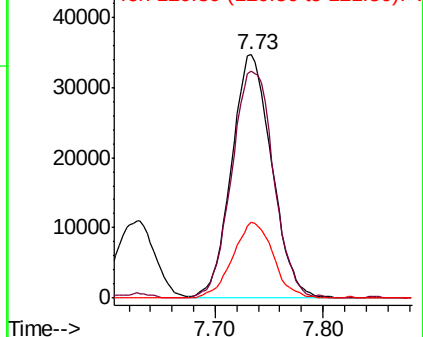


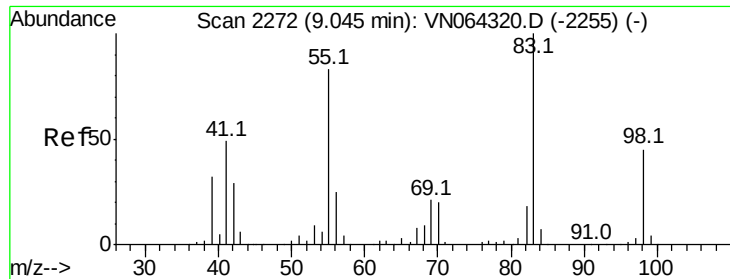
#38
Carbon Tetrachloride
Concen: 18.288 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 117 Resp: 90160
Ion Ratio Lower Upper
117 100
119 93.4 73.7 110.5
121 31.0 22.8 34.2



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

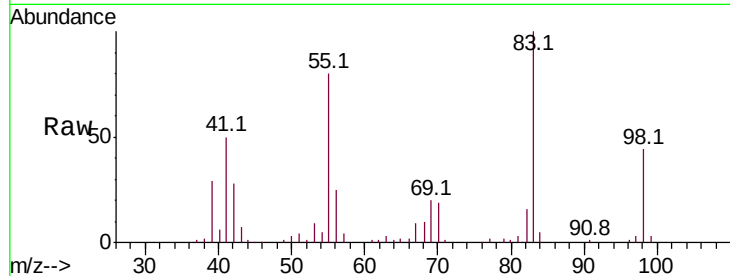




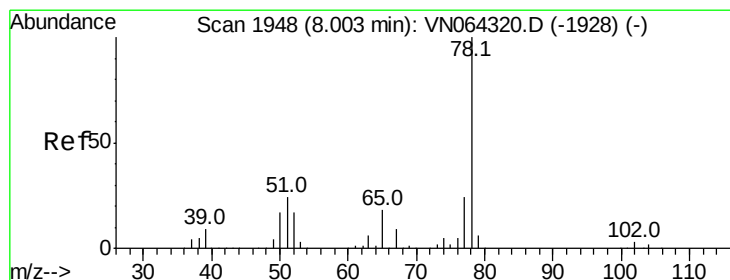
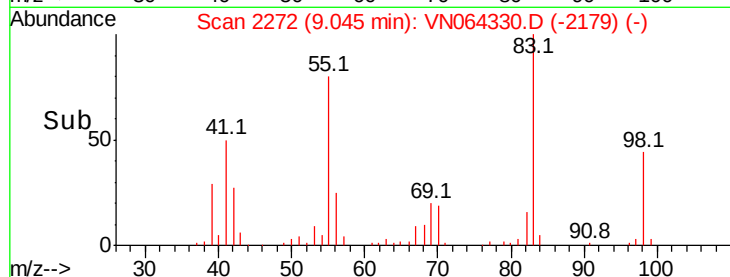
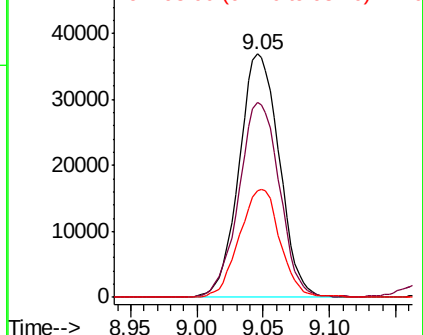
#39
Methylvlcyclohexane
Concen: 18.469 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion: 83 Resp: 77876
Ion Ratio Lower Upper
83 100
55 80.0 66.2 99.4
98 43.9 36.0 54.0

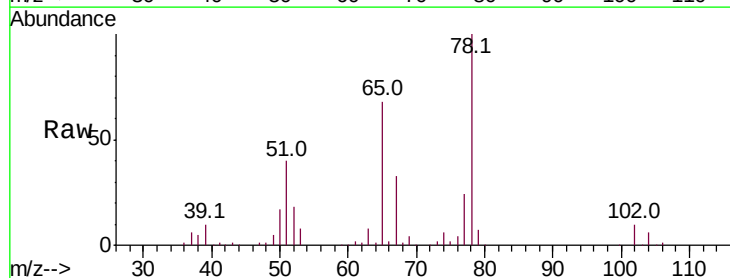


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

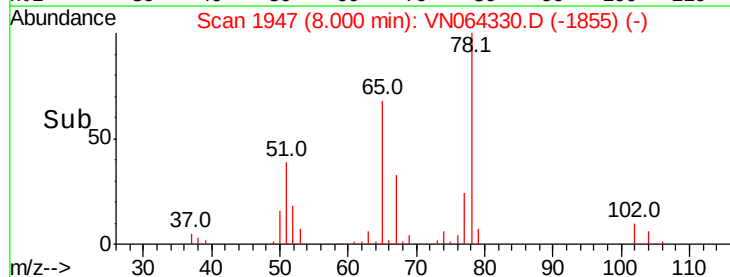
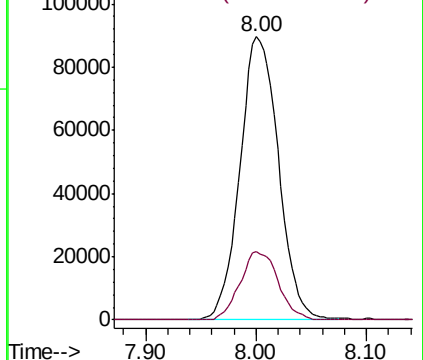


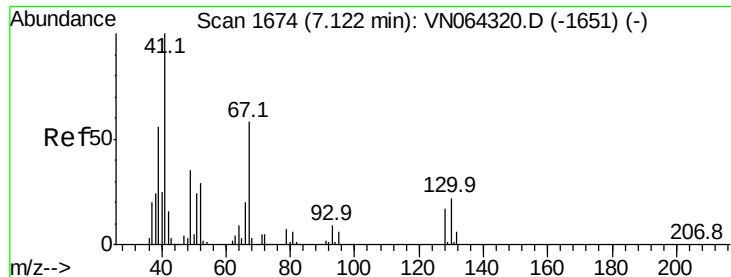
#40
Benzene
Concen: 18.274 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 78 Resp: 216312
Ion Ratio Lower Upper
78 100
77 24.3 18.8 28.2



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

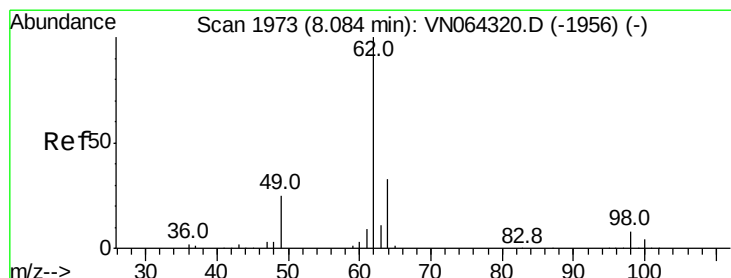
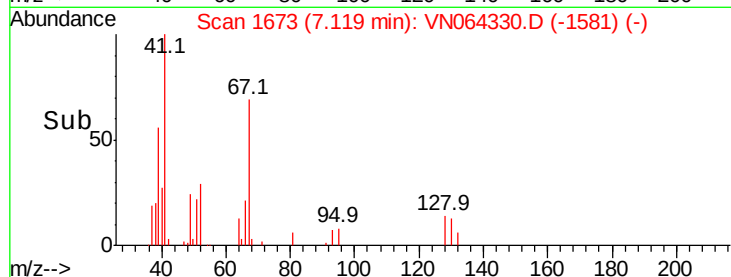
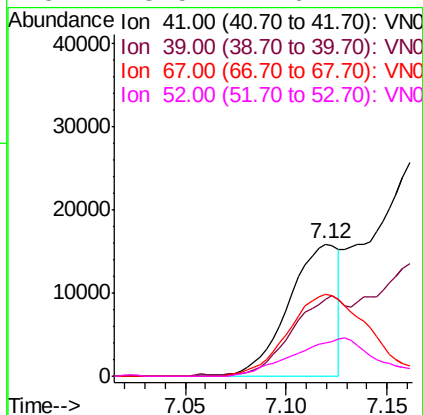
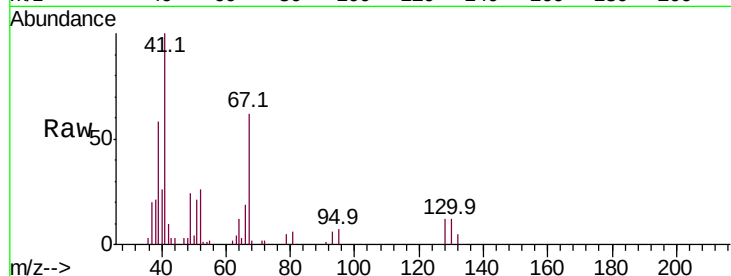




#41
Methacrylonitrile
Concen: 12.708 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

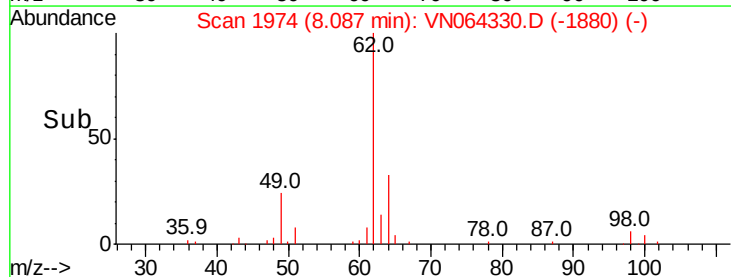
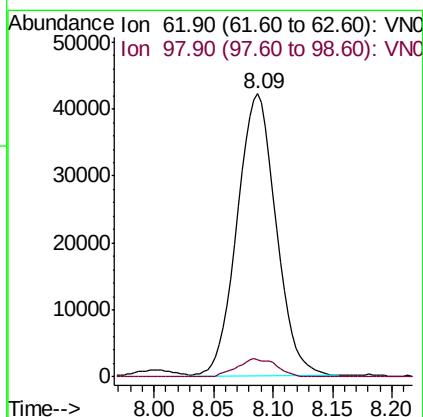
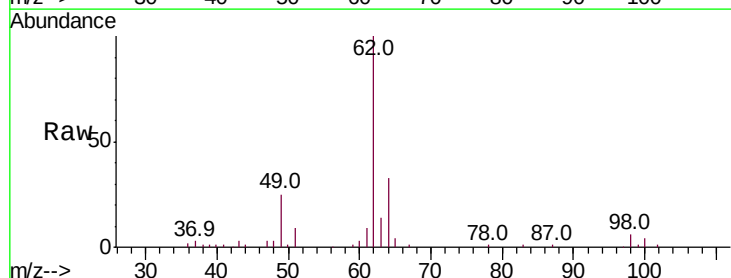
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

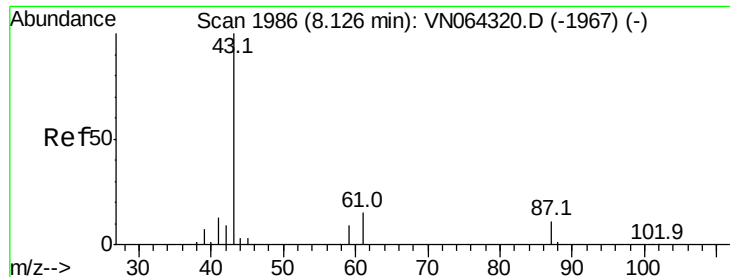
Tot Ion: 41 Resp: 27097
Ion Ratio Lower Upper
41 100
39 66.4 48.6 72.8
67 102.0 61.4 92.2#
52 48.5 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 18.713 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 62 Resp: 95686
Ion Ratio Lower Upper
62 100
98 6.4 0.0 14.2





#43

Isopropyl Acetate

Concen: 17.919 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

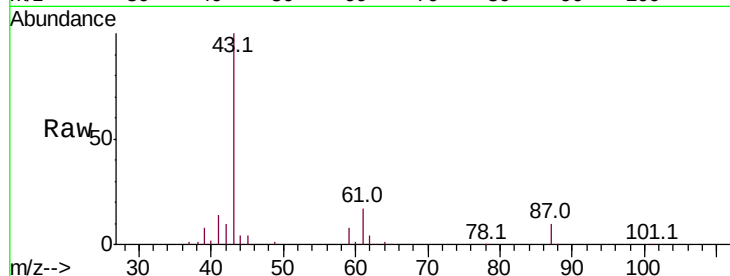
MSVOA_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 43 Resp: 131576

Ion	Ratio	Lower	Upper
43	100		
61	18.8	19.1	28.7#
87	11.0	9.3	13.9



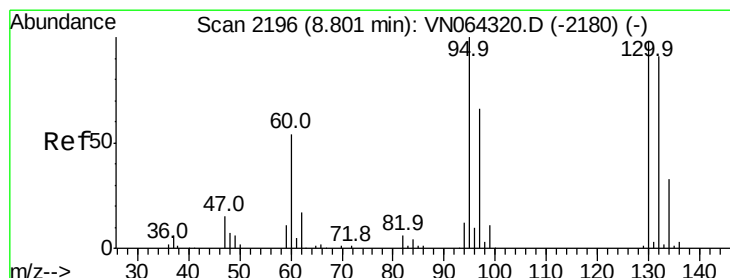
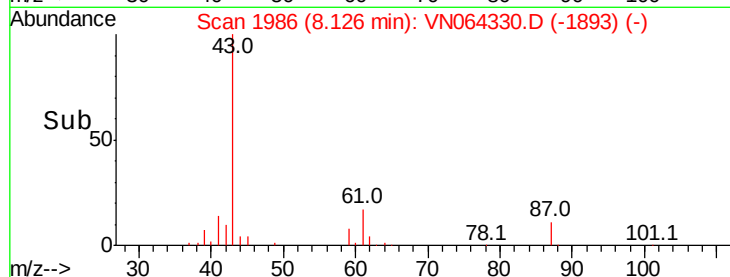
Abundance Ion 43.00 (42.70 to 43.70): VN064330.D (-1986) (-)

Ion 61.00 (60.70 to 61.70): VN064330.D (-1986) (-)

Ion 87.00 (86.70 to 87.70): VN064330.D (-1986) (-)

8.13

Time-->



#44

Trichloroethene

Concen: 18.156 ug/l

RT: 8.80 min Scan# 2195

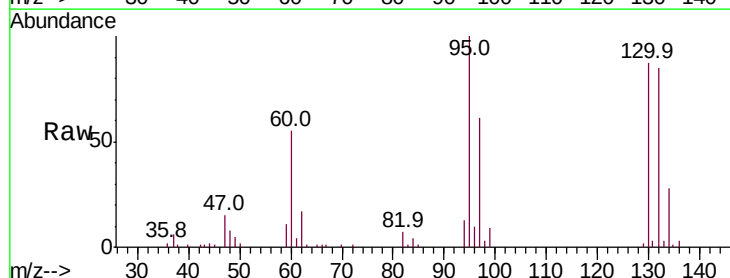
Delta R.T. -0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion:130 Resp: 56298

Ion	Ratio	Lower	Upper
130	100		
95	114.9	0.0	203.6

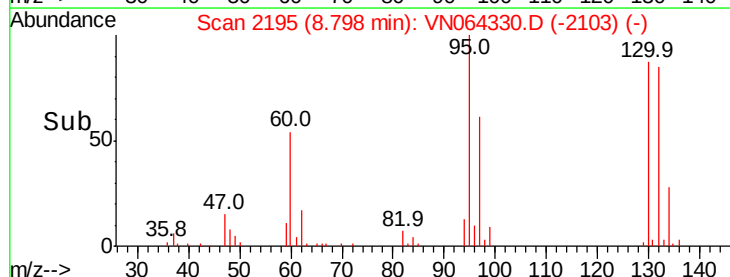


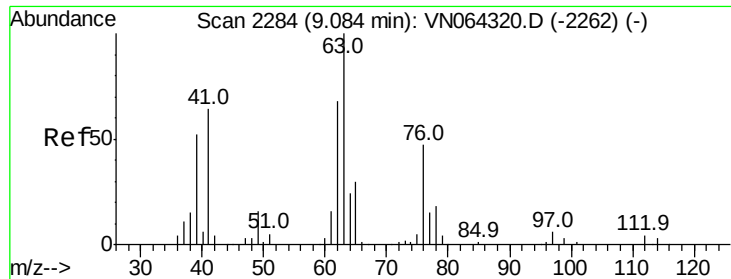
Abundance Ion 129.80 (129.50 to 130.50): VN064330.D (-2195) (-)

Ion 94.90 (94.60 to 95.60): VN064330.D (-2195) (-)

8.80

Time-->

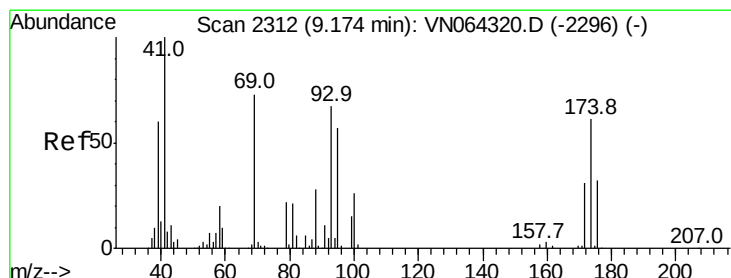
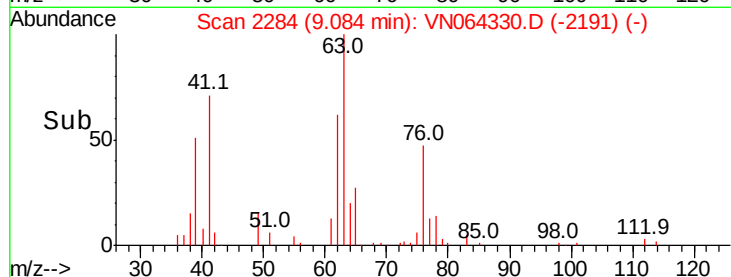
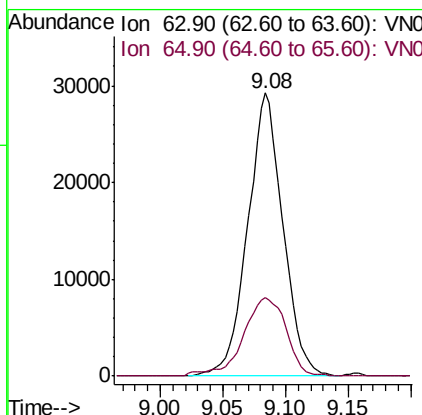
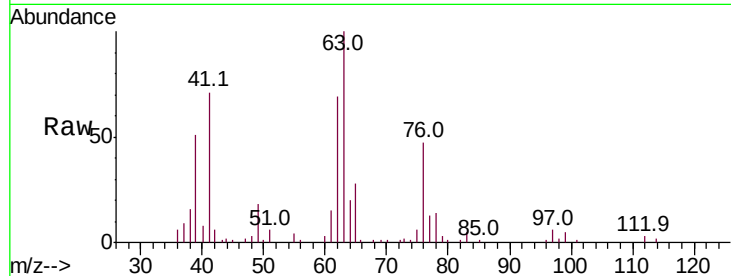




#45
 1,2-Dichloropropane
 Concen: 18.014 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

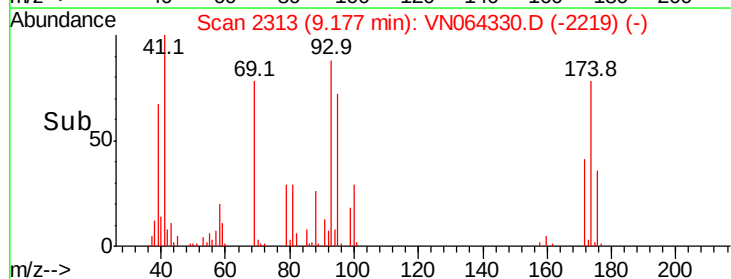
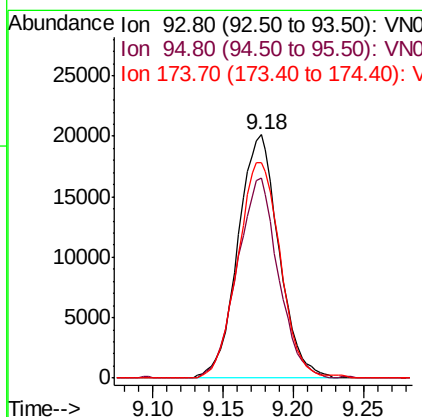
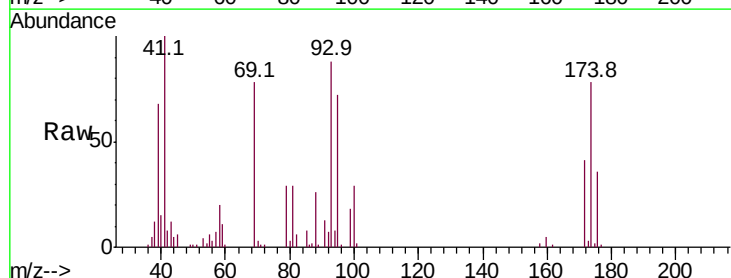
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

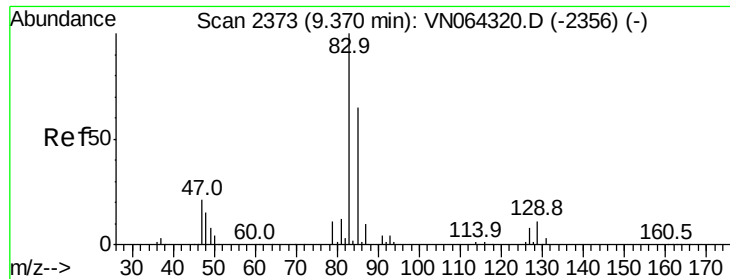
Tot Ion: 63 Resp: 57099
 Ion Ratio Lower Upper
 63 100
 65 27.9 24.3 36.5



#46
 Dibromomethane
 Concen: 18.412 ug/l
 RT: 9.18 min Scan# 2313
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion: 93 Resp: 40828
 Ion Ratio Lower Upper
 93 100
 95 82.4 64.4 96.6
 174 92.3 71.4 107.0





#47

Bromodichloromethane

Concen: 17.904 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

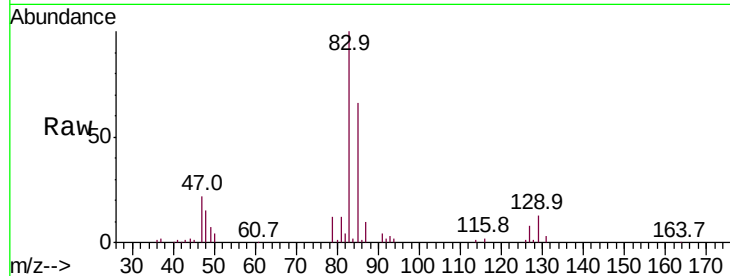
Tot Ion: 83 Resp: 87985

Ion Ratio Lower Upper

83 100

85 65.5 52.1 78.1

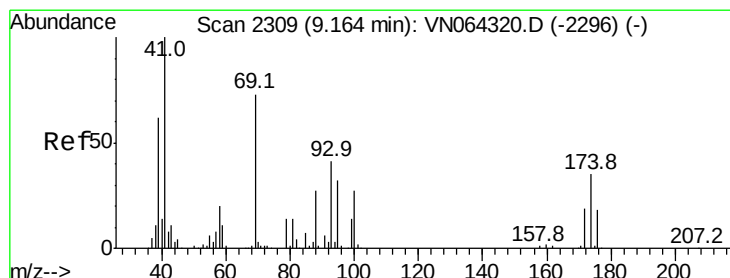
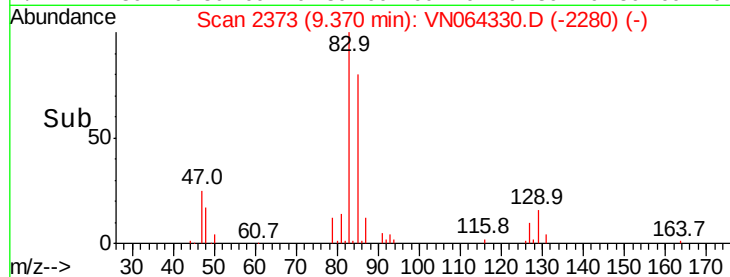
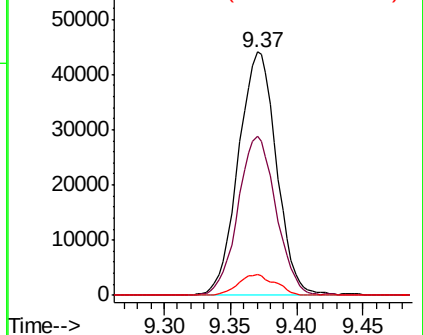
127 8.4 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064330.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064330.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064330.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.362 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

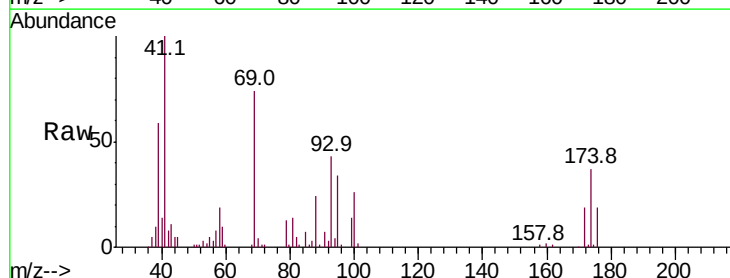
Tgt Ion: 41 Resp: 65776

Ion Ratio Lower Upper

41 100

69 73.3 59.1 88.7

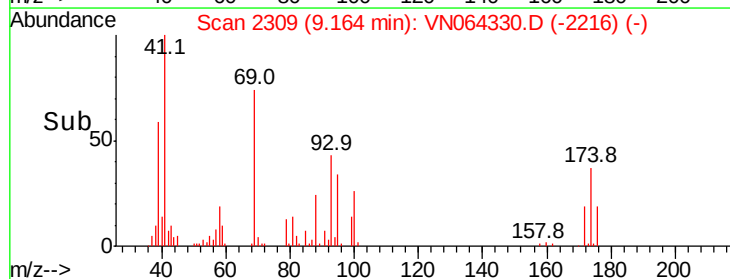
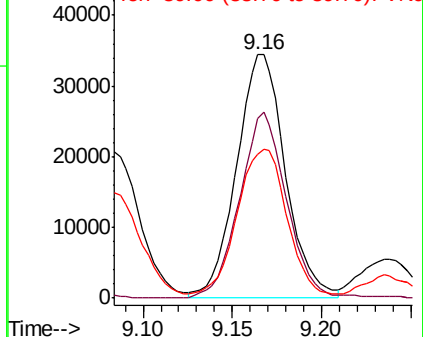
39 63.6 51.3 76.9

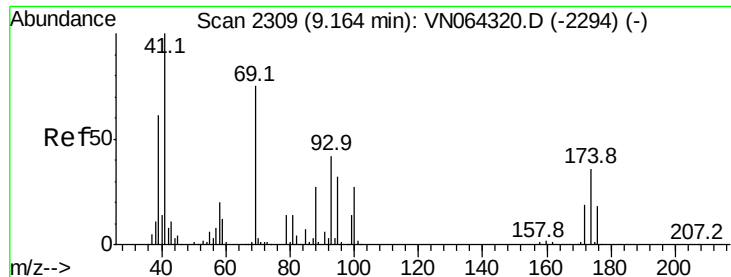


Abundance Ion 41.00 (40.70 to 41.70): VN064330.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064330.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064330.D (-2216) (-)

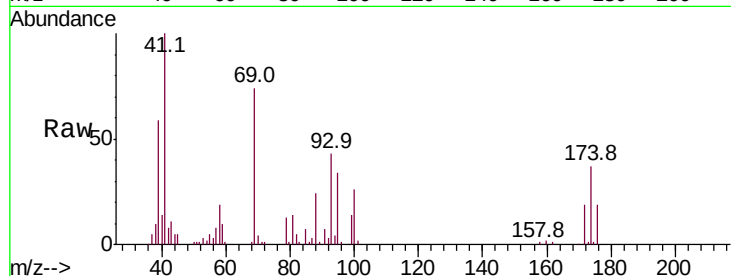




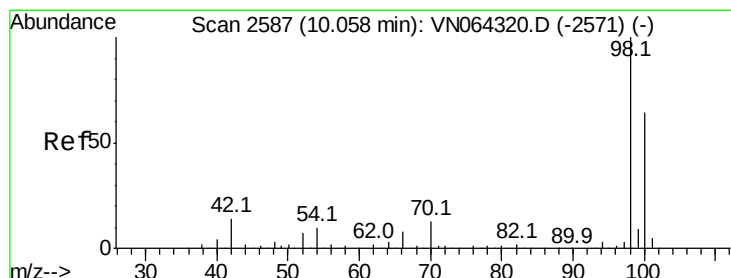
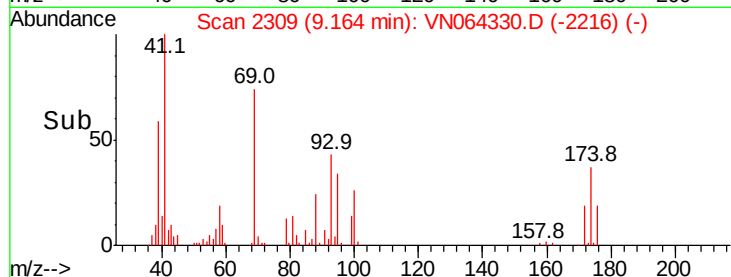
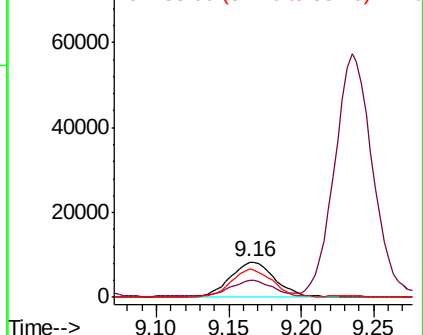
#49
1,4-Dioxane
Concen: 321.822 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampled :
VN1027WBSD01

Tot Ion: 88 Resp: 17970
Ion Ratio Lower Upper
88 100
43 40.1 31.8 47.8
58 73.5 60.3 90.5

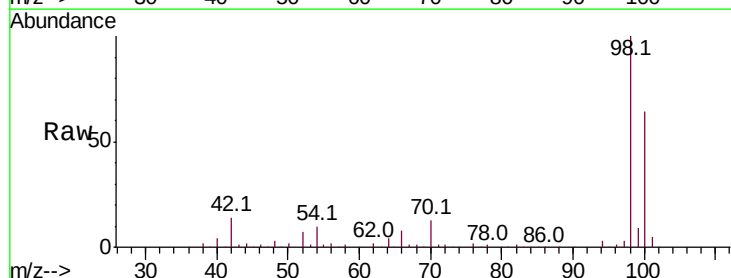


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

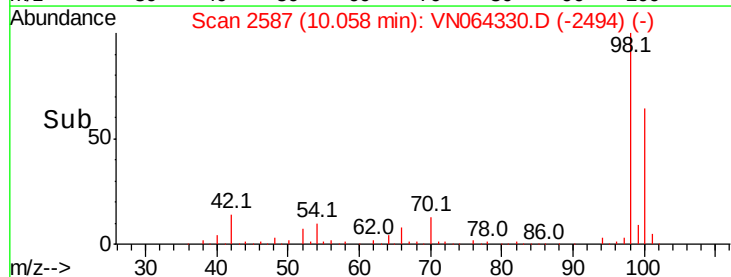
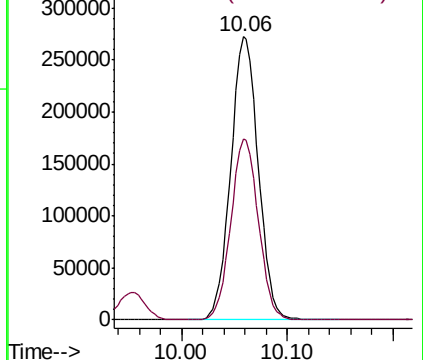


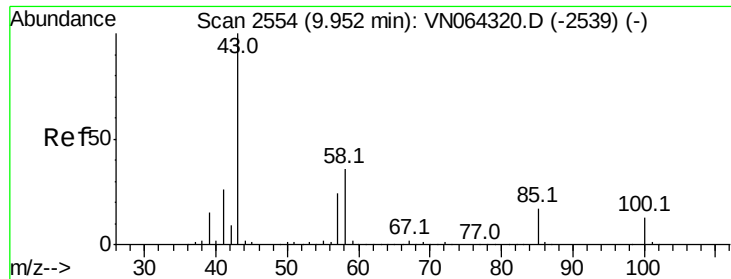
#50
Toluene-d8
Concen: 47.321 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 98 Resp: 491838
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



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: 87.733 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

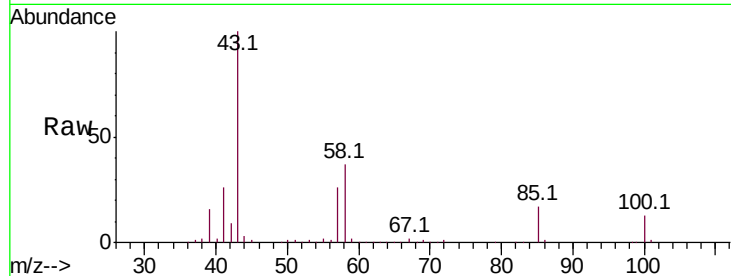
VN1027WBSD01

Tot Ion: 43 Resp: 374463

Ion Ratio Lower Upper

43 100

58 35.6 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064330.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064330.D (-2539) (-)

9.95

200000

150000

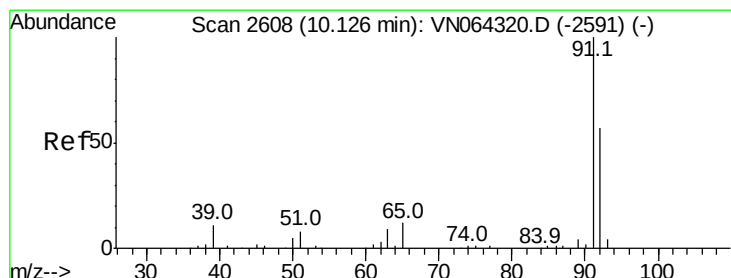
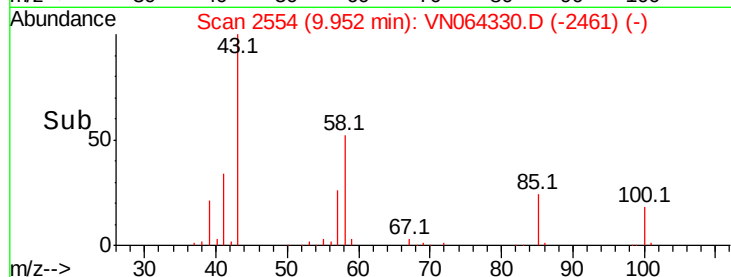
100000

50000

0

9.90 10.00

Time-->



#52

Toluene

Concen: 18.342 ug/l

RT: 10.13 min Scan# 2608

Delta R.T. 0.00 min

Lab File: VN064330.D

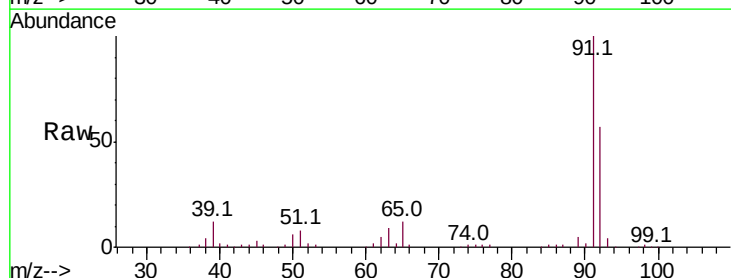
Acq: 27 Oct 2020 16:51

Tgt Ion: 92 Resp: 137000

Ion Ratio Lower Upper

92 100

91 171.4 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064330.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064330.D (-2591) (-)

150000

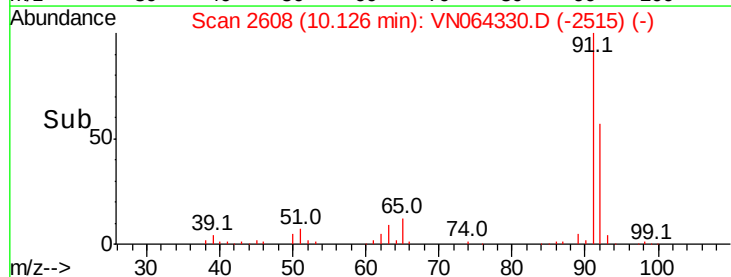
100000

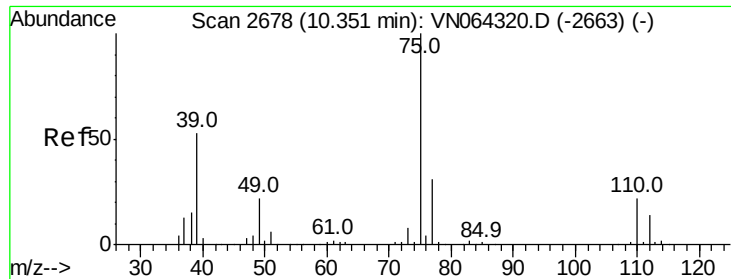
50000

0

10.10 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.111 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

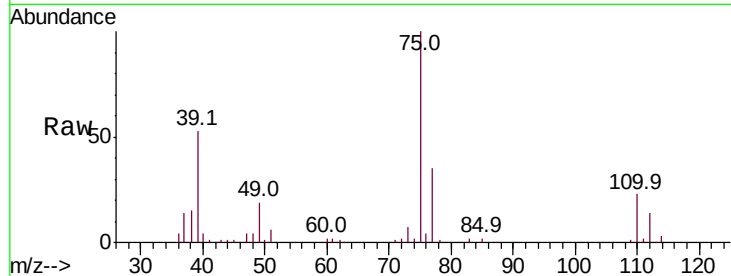
VN1027WBSD01

Tot Ion: 75 Resp: 94109

Ion Ratio Lower Upper

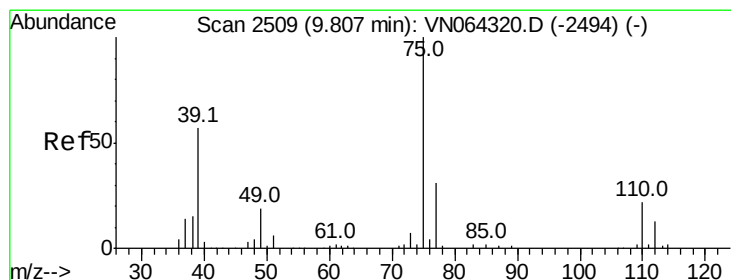
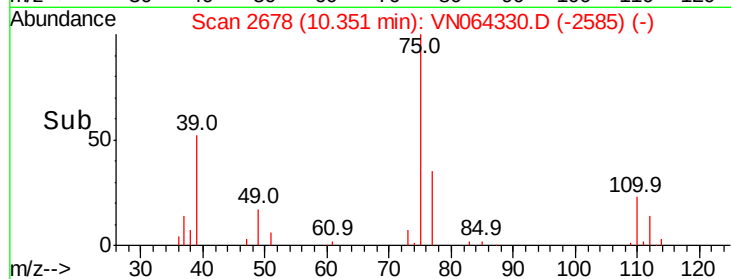
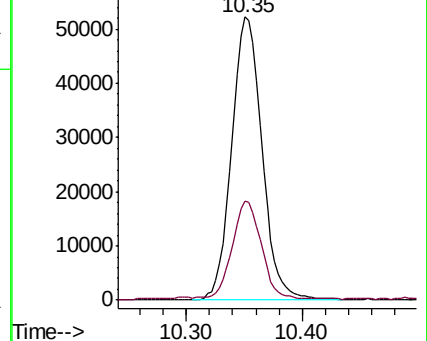
75 100

77 34.8 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 18.670 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

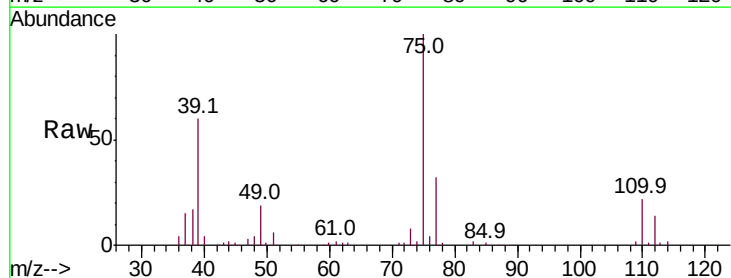
Tgt Ion: 75 Resp: 99866

Ion Ratio Lower Upper

75 100

77 32.2 25.0 37.4

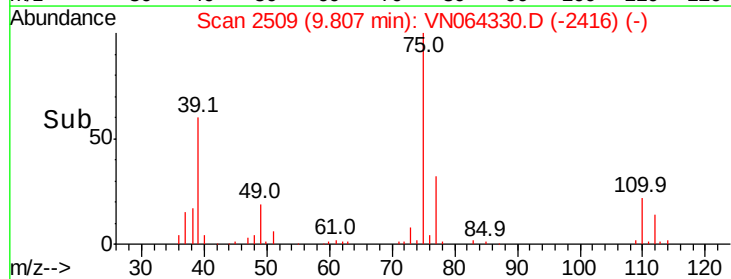
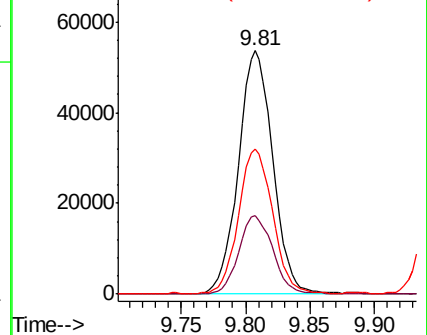
39 59.6 45.5 68.3

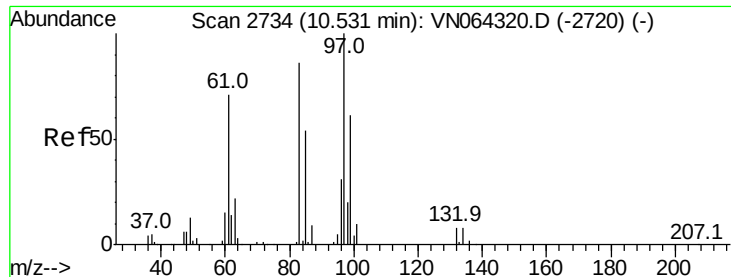


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 18.185 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

Tot Ion: 97 Resp: 53616

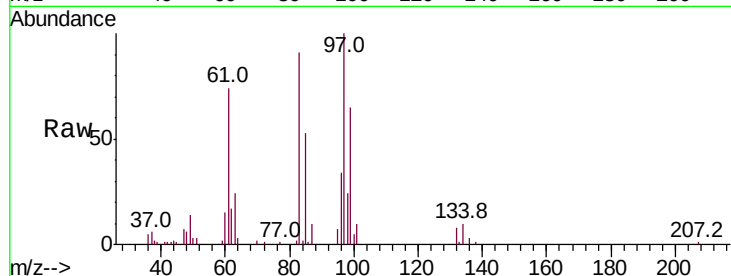
Ion Ratio Lower Upper

97 100

83 91.5 68.9 103.3

85 53.4 43.6 65.4

99 65.2 49.2 73.8



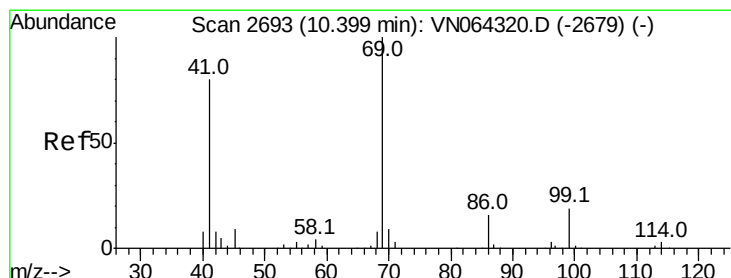
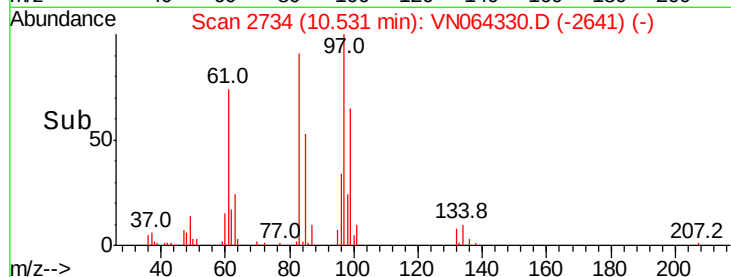
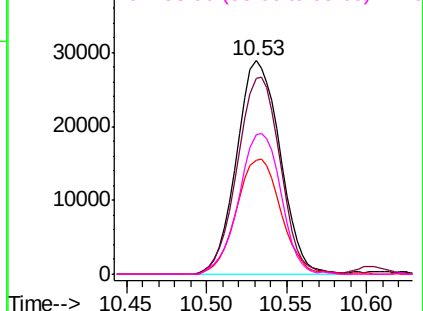
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 18.116 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

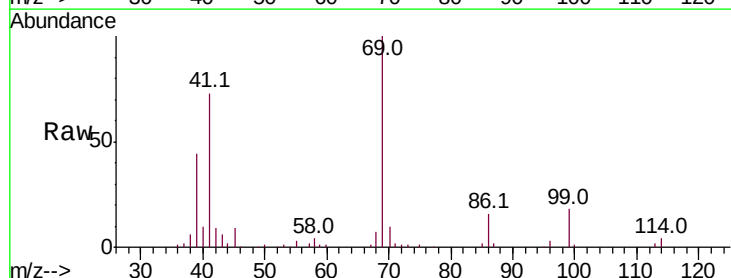
Tgt Ion: 69 Resp: 80856

Ion Ratio Lower Upper

69 100

41 75.3 61.4 92.2

39 47.5 36.5 54.7

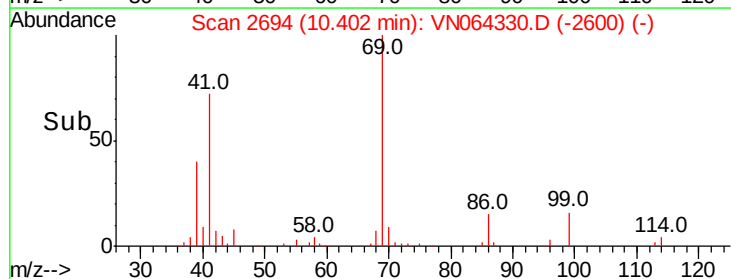
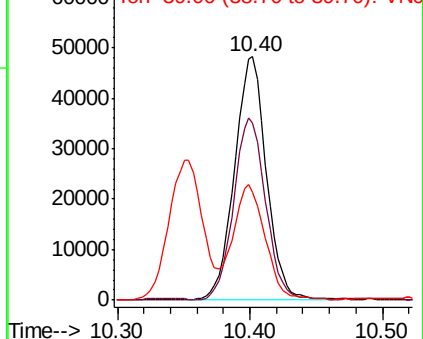


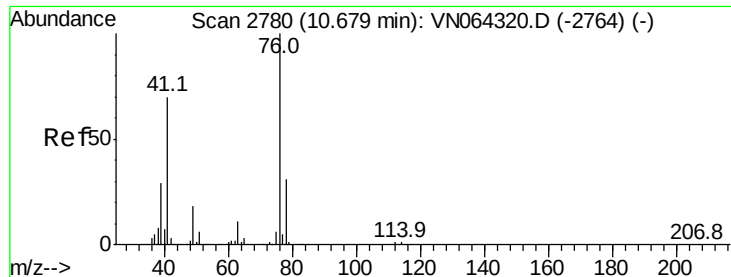
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.623 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

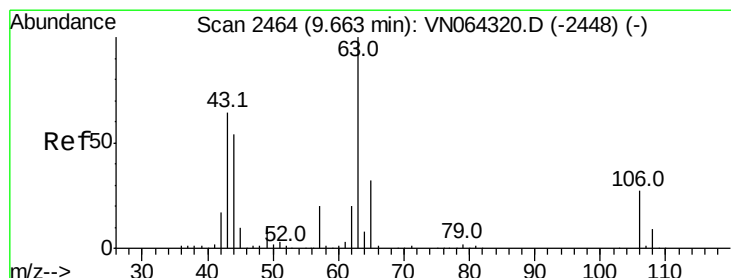
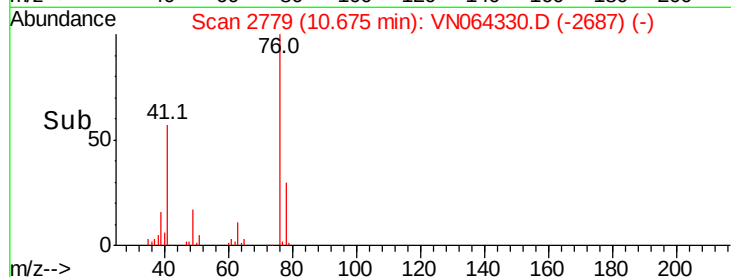
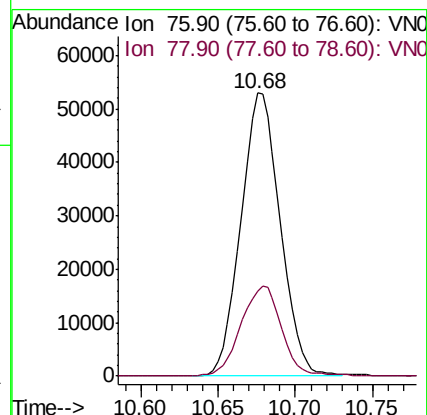
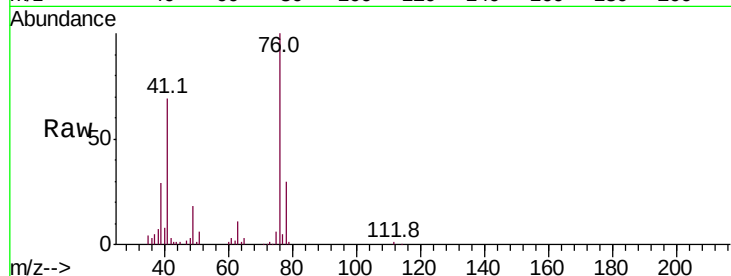
VN1027WBSD01

Tot Ion: 76 Resp: 93665

Ion Ratio Lower Upper

76 100

78 33.0 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 82.989 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064330.D

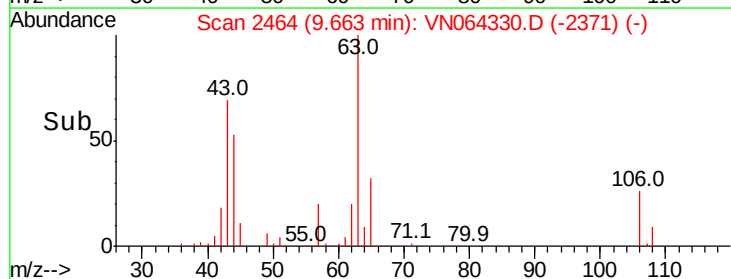
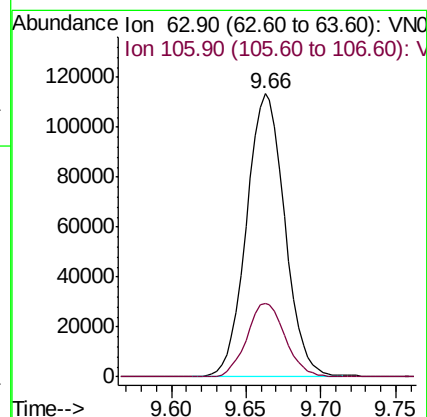
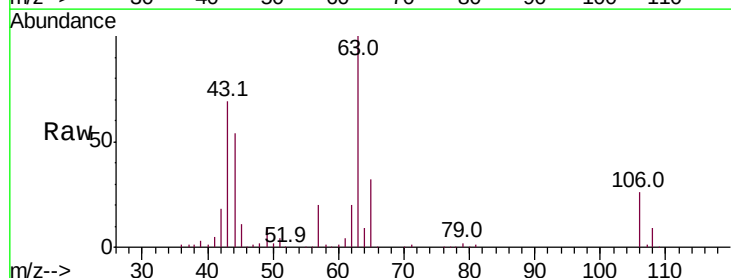
Acq: 27 Oct 2020 16:51

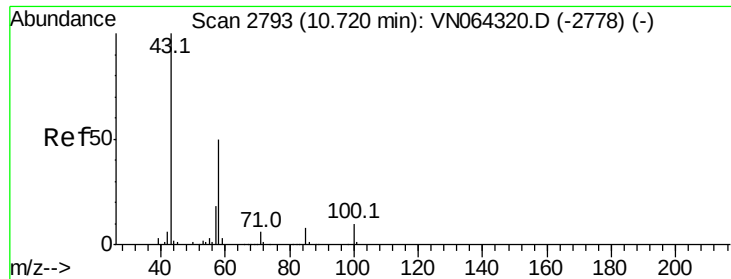
Tgt Ion: 63 Resp: 202122

Ion Ratio Lower Upper

63 100

106 26.1 21.0 31.4

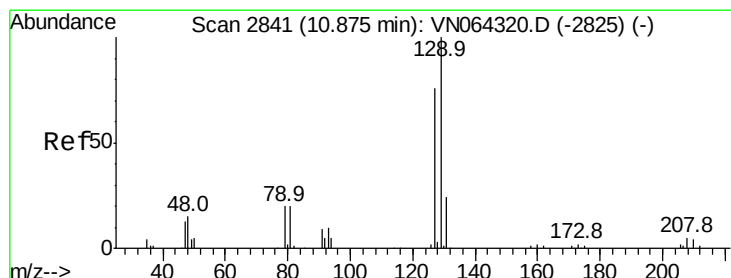
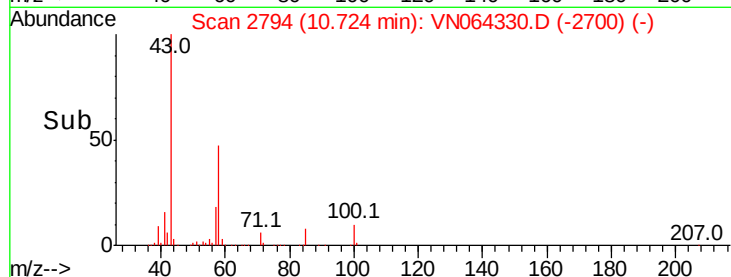
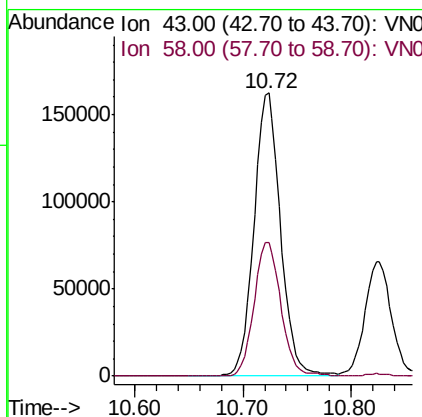
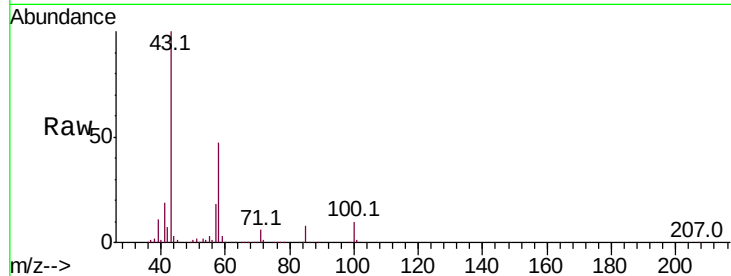




#59
2-Hexanone
Concen: 87.775 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

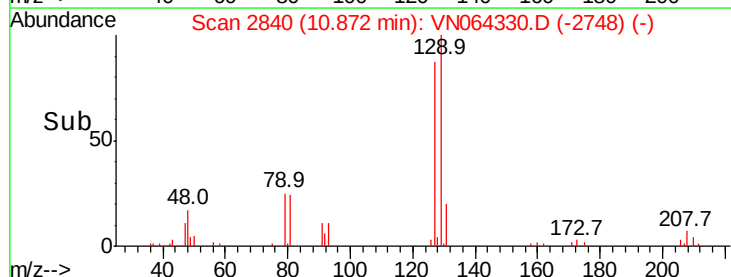
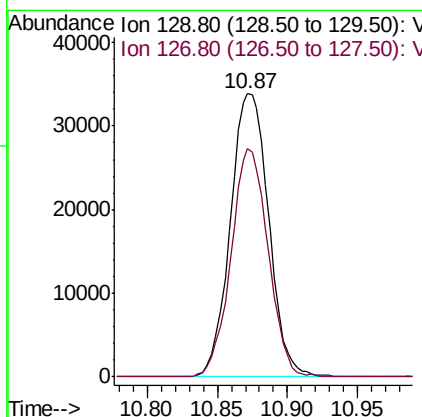
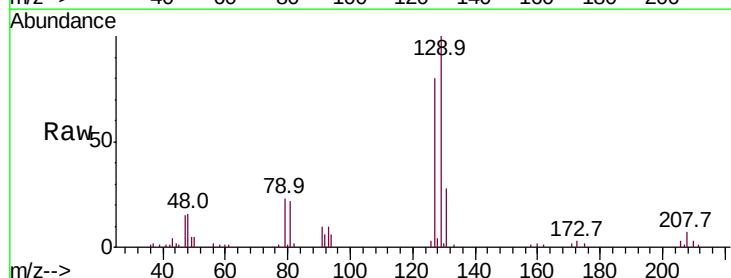
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

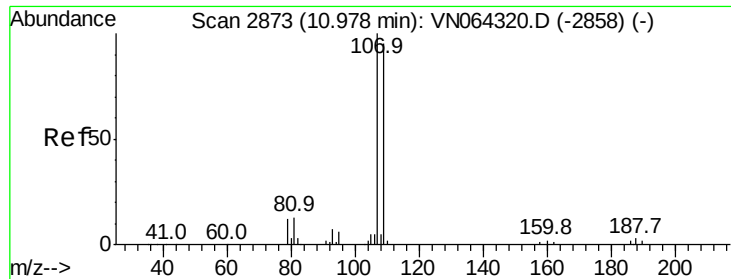
Tot Ion: 43 Resp: 275925
Ion Ratio Lower Upper
43 100
58 47.9 25.0 75.0



#60
Dibromochloromethane
Concen: 18.464 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 129 Resp: 64368
Ion Ratio Lower Upper
129 100
127 78.0 38.5 115.3

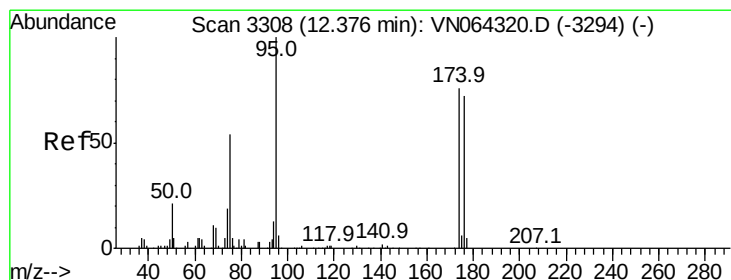
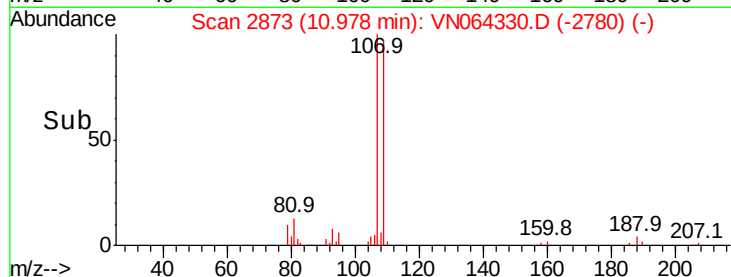
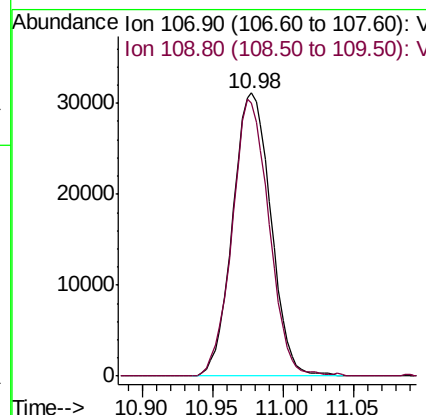
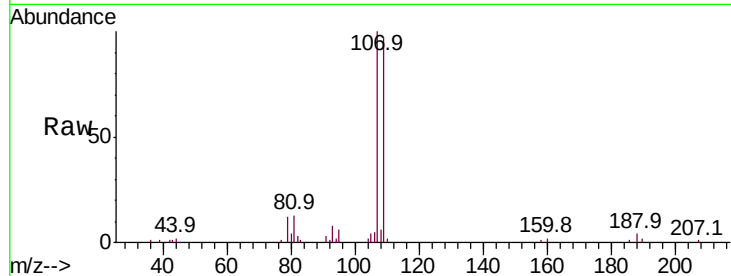




#61
 1,2-Dibromoethane
 Concen: 19.633 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

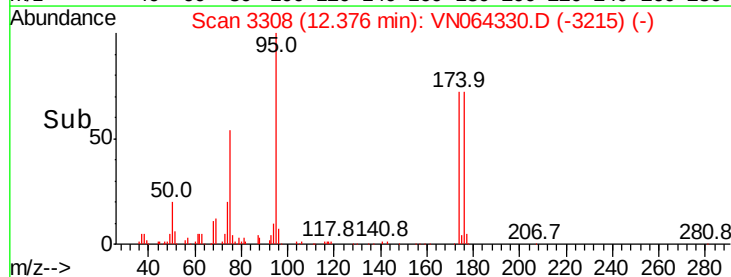
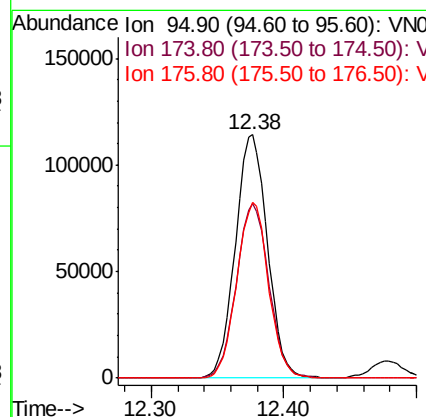
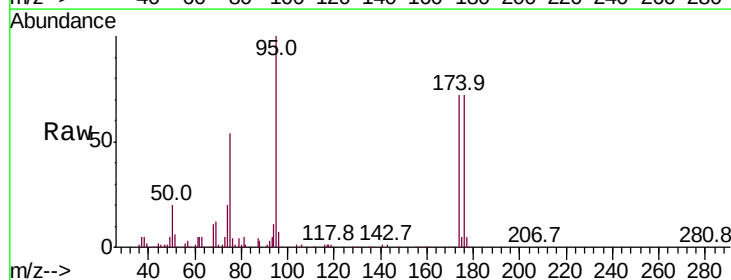
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

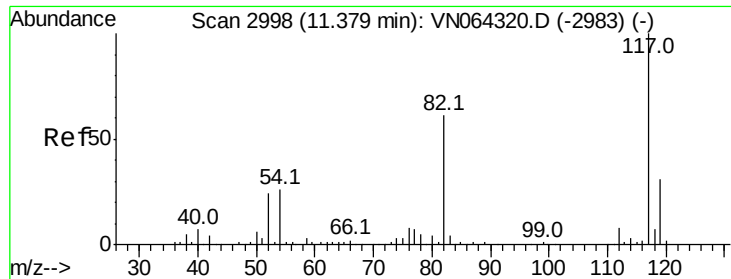
Tot Ion:107 Resp: 58983
 Ion Ratio Lower Upper
 107 100
 109 94.2 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 47.532 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion: 95 Resp: 192621
 Ion Ratio Lower Upper
 95 100
 174 72.4 0.0 147.4
 176 71.2 0.0 143.6

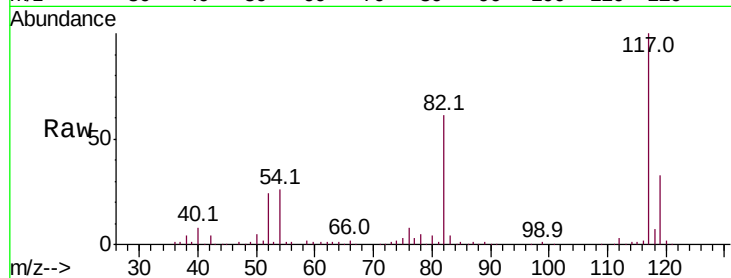




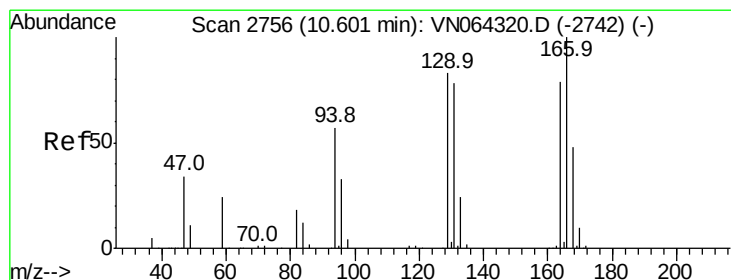
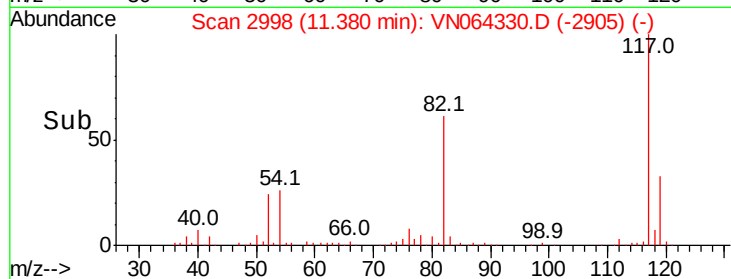
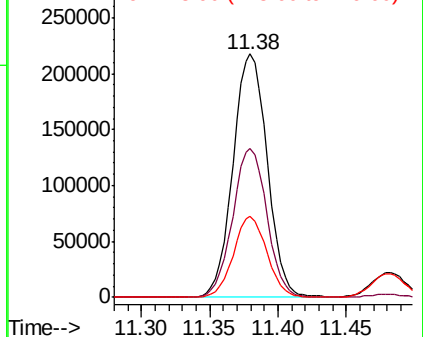
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion:117 Resp: 379771
Ion Ratio Lower Upper
117 100
82 61.3 48.8 73.2
119 33.1 25.1 37.7

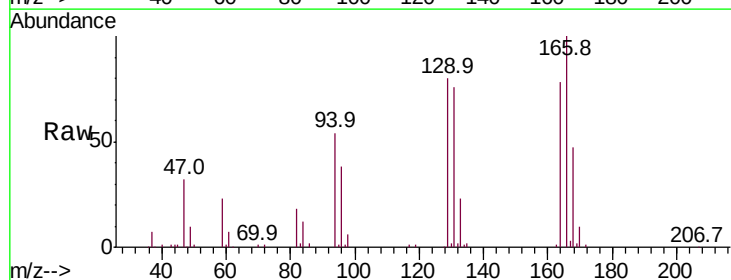


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

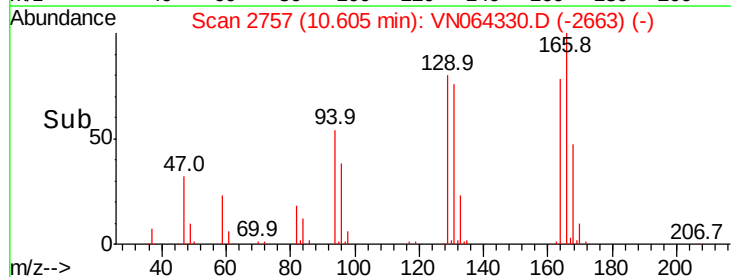
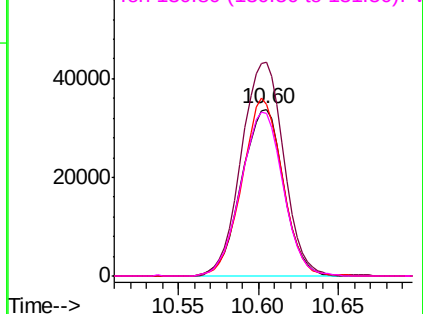


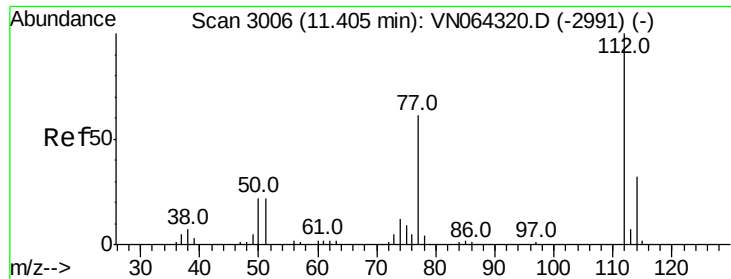
#64
Tetrachloroethene
Concen: 19.540 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion:164 Resp: 60992
Ion Ratio Lower Upper
164 100
166 128.2 100.7 151.1
129 102.9 83.7 125.5
131 97.3 78.2 117.2



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

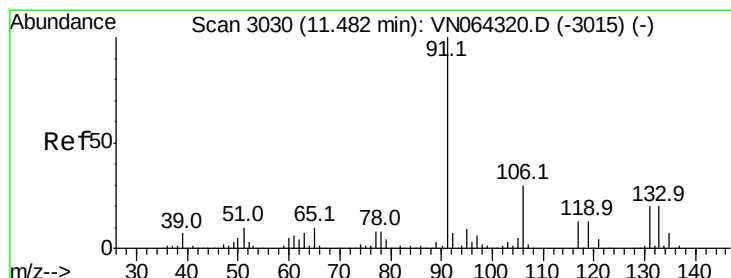
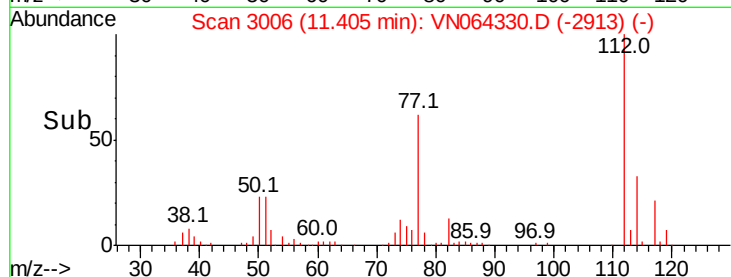
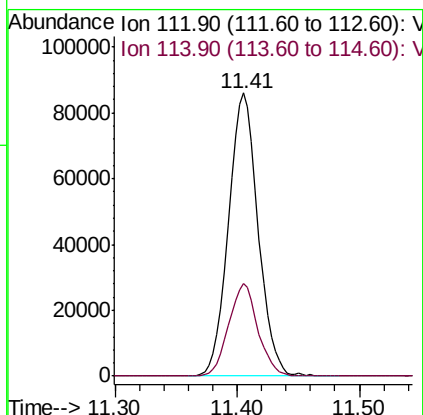
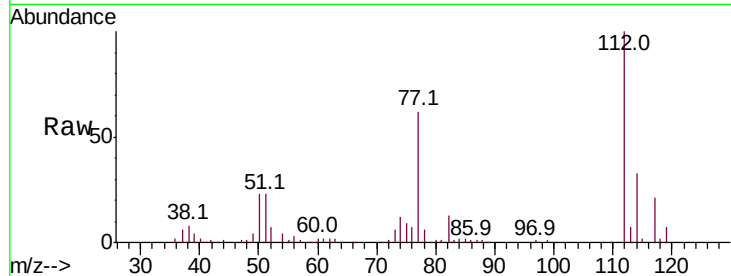




#65
Chlorobenzene
Concen: 18.922 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

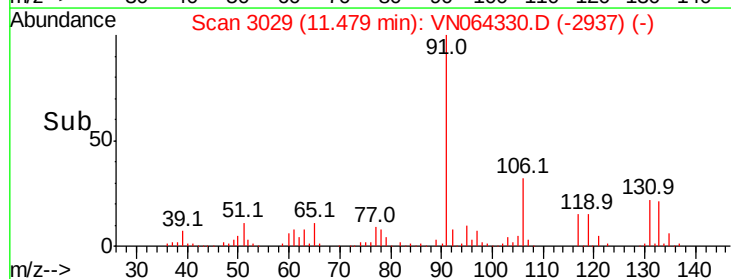
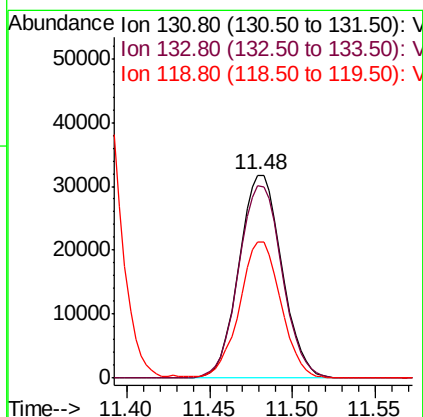
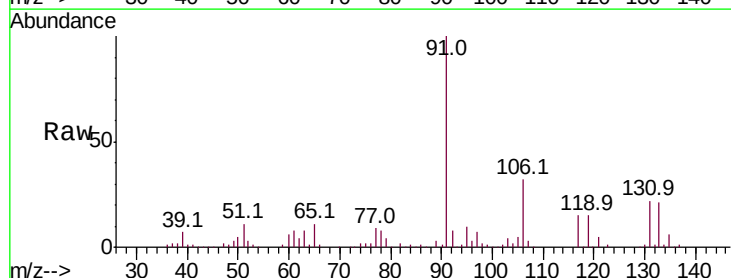
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

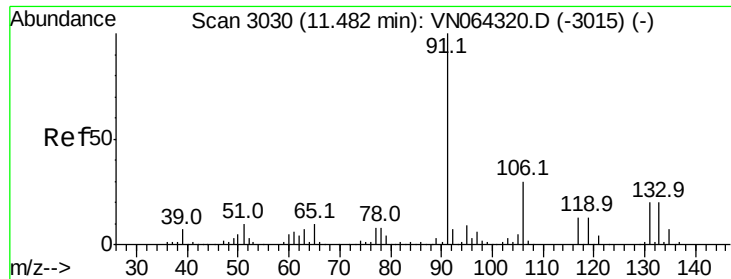
Tot Ion:112 Resp: 145687
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.362 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion:131 Resp: 57142
Ion Ratio Lower Upper
131 100
133 96.3 49.3 147.8
119 65.2 32.3 96.9

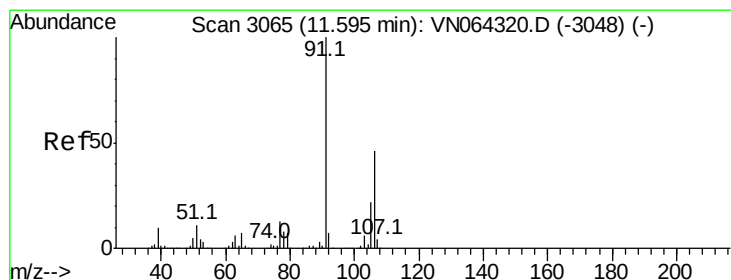
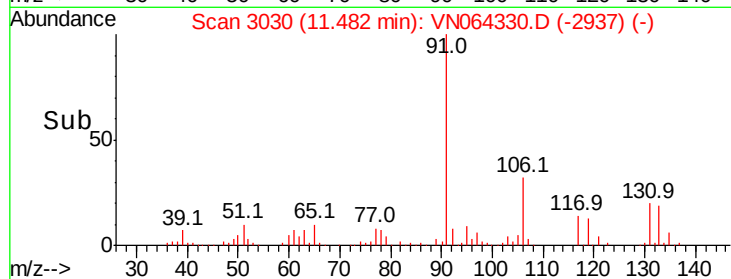
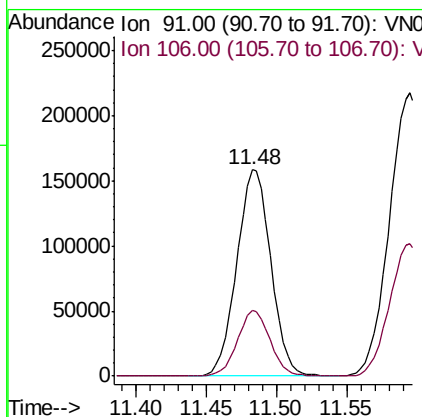
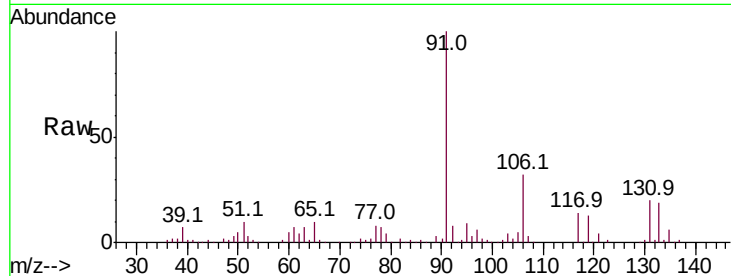




#67
Ethyl Benzene
Concen: 18.763 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

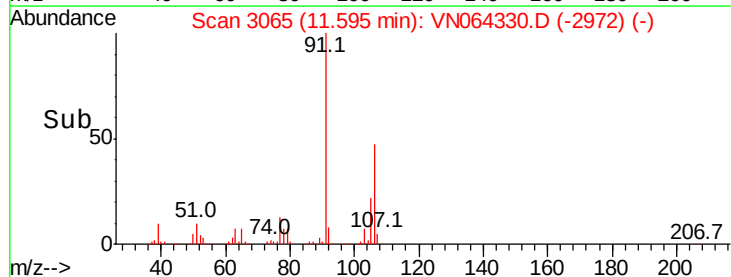
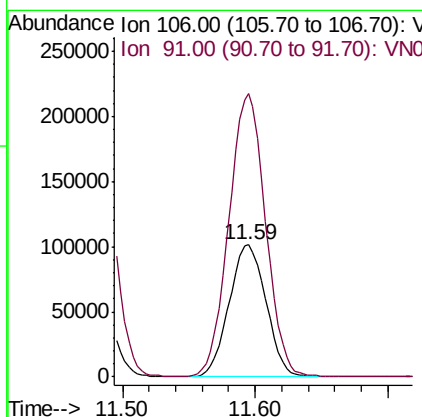
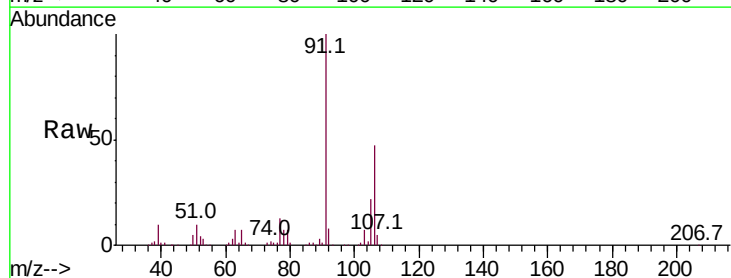
Instrument :
MSVOA_N
ClientSampled :
VN1027WBSD01

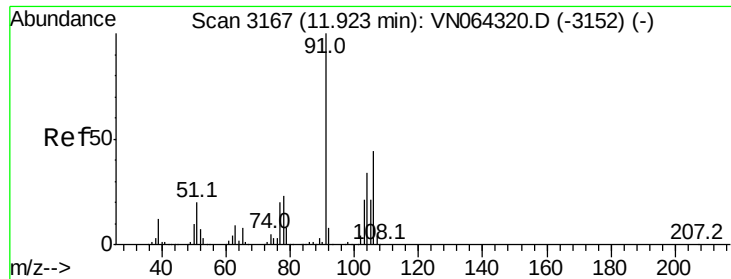
Tot Ion: 91 Resp: 268574
Ion Ratio Lower Upper
91 100
106 32.2 23.7 35.5



#68
m/p-Xylenes
Concen: 37.108 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion: 106 Resp: 196842
Ion Ratio Lower Upper
106 100
91 211.5 170.2 255.4

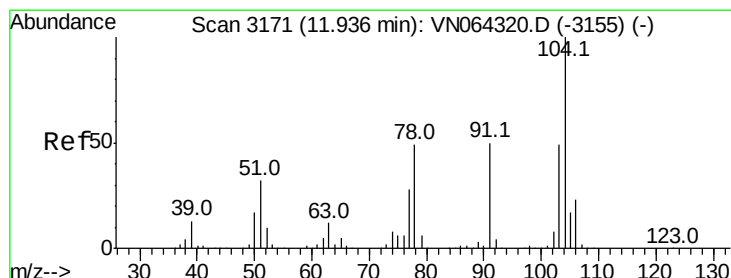
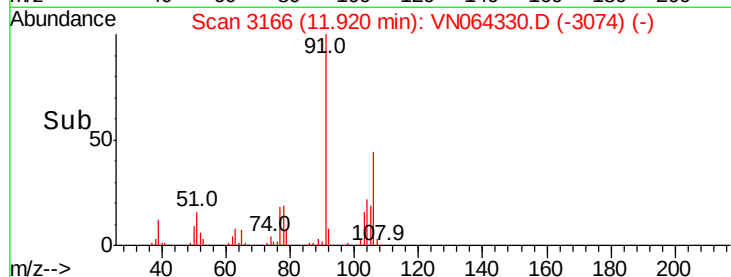
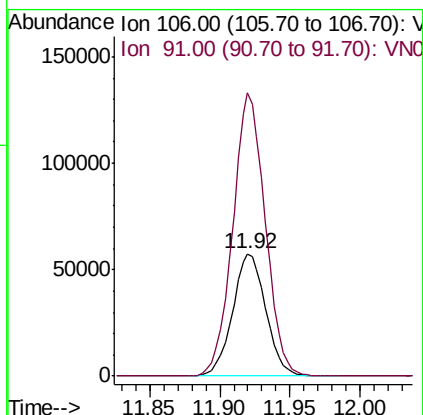
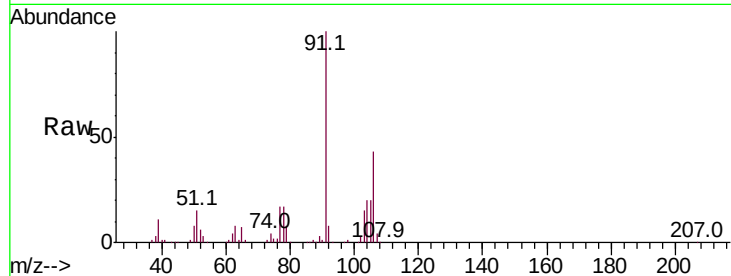




#69
o-Xylene
Concen: 18.559 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

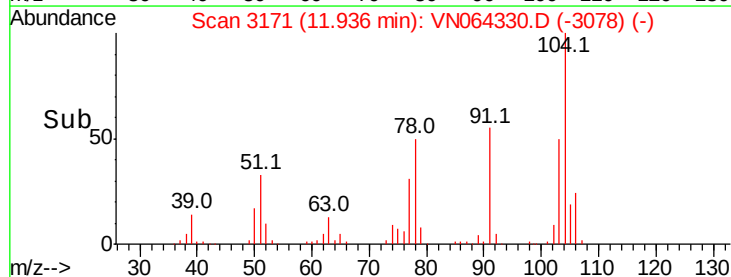
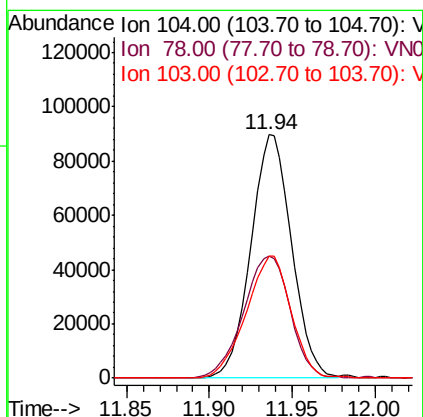
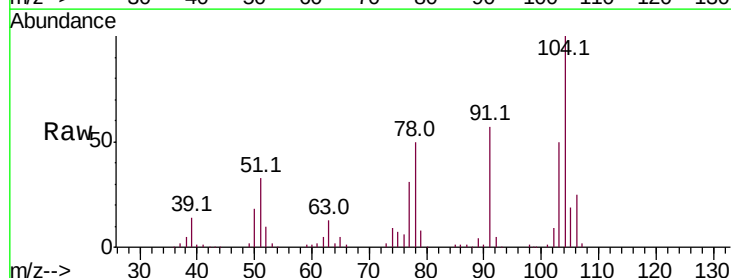
Instrument :
MSVOA_N
ClientSampled :
VN1027WBSD01

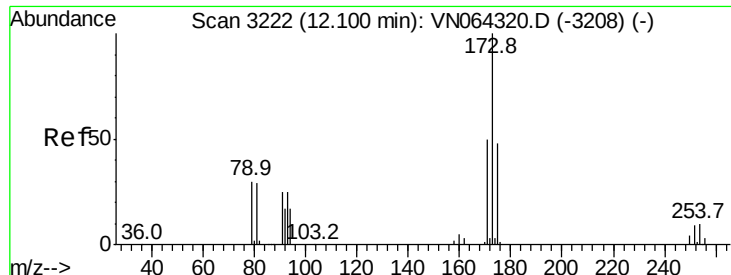
Tot Ion:106 Resp: 94845
Ion Ratio Lower Upper
106 100
91 226.2 114.5 343.5



#70
Styrene
Concen: 18.362 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion:104 Resp: 153856
Ion Ratio Lower Upper
104 100
78 57.7 43.7 65.5
103 55.7 43.3 64.9

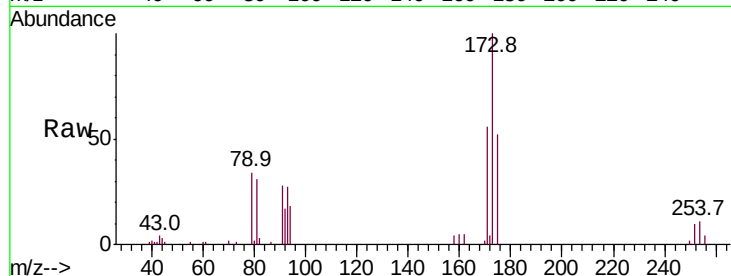




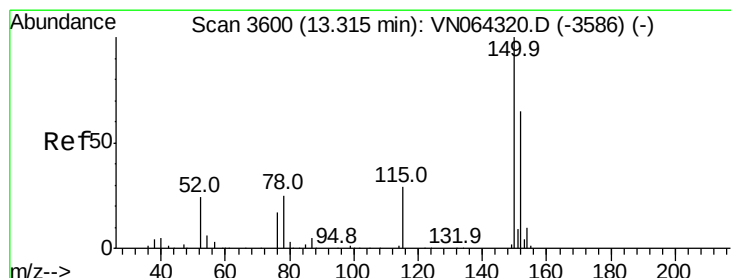
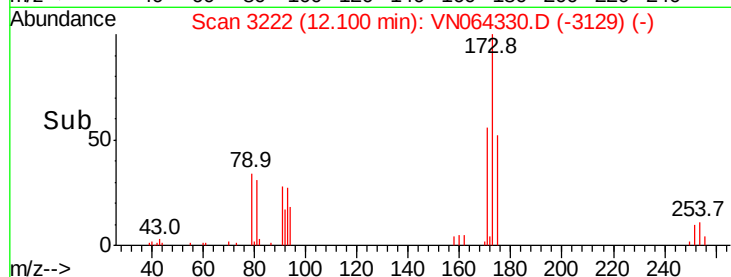
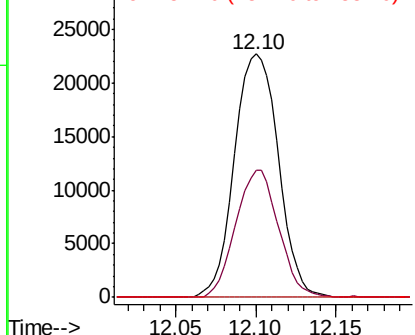
#71
Bromoform
Concen: 17.464 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion:173 Resp: 42654
Ion Ratio Lower Upper
173 100
175 50.9 25.4 76.0
254 0.0 0.0 0.0

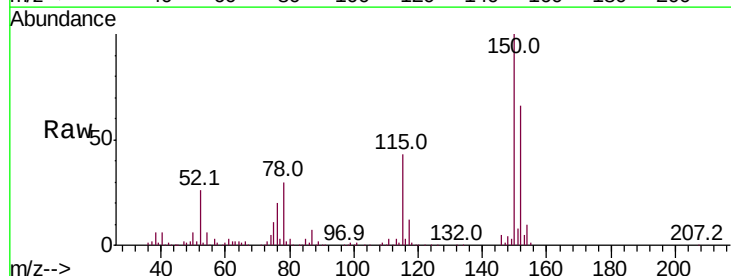


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

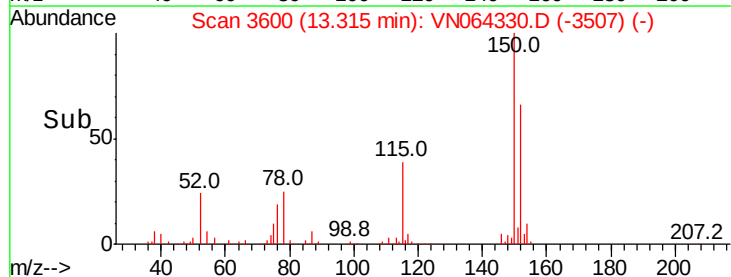
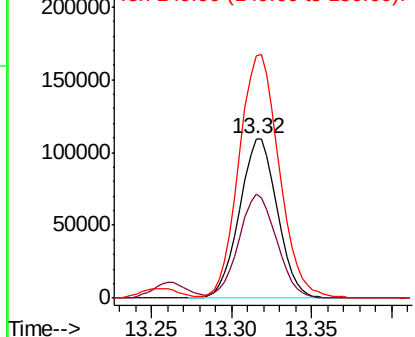


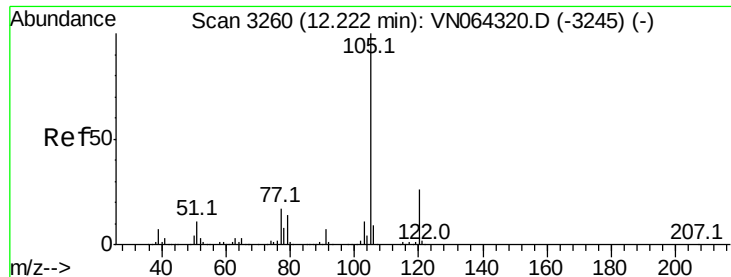
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN064330.D
Acq: 27 Oct 2020 16:51

Tgt Ion:152 Resp: 176759
Ion Ratio Lower Upper
152 100
115 65.5 31.5 94.5
150 161.7 0.0 346.2



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: 19.180 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

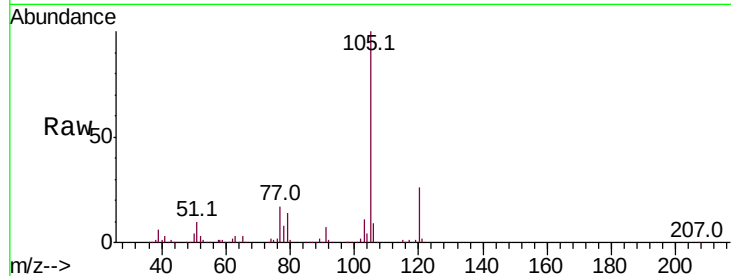
VN1027WBSD01

Tot Ion:105 Resp: 253912

Ion Ratio Lower Upper

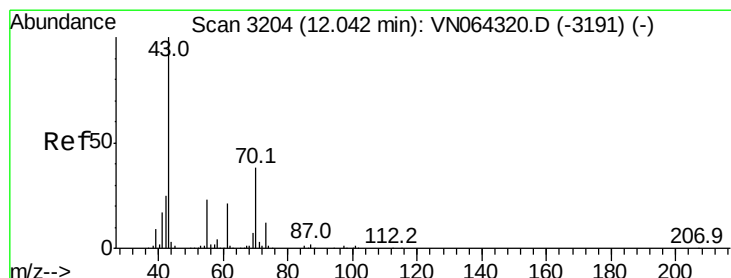
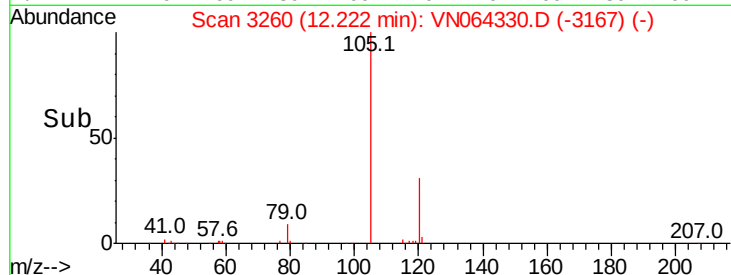
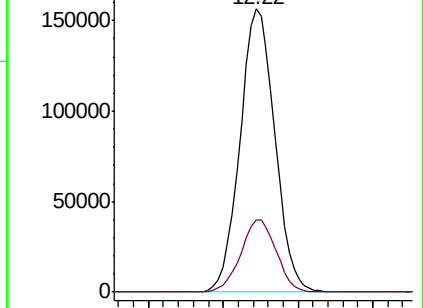
105 100

120 26.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.754 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion: 43 Resp: 109282

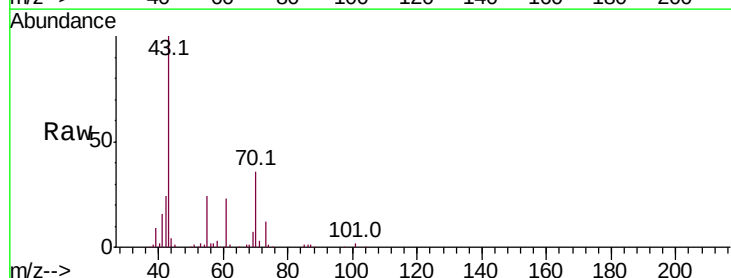
Ion Ratio Lower Upper

43 100

70 36.7 30.6 45.8

55 22.3 18.2 27.4

61 21.5 17.6 26.4

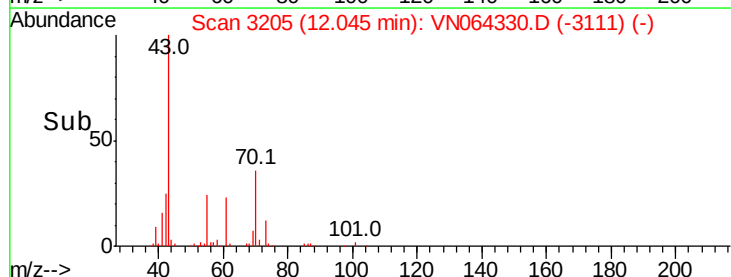
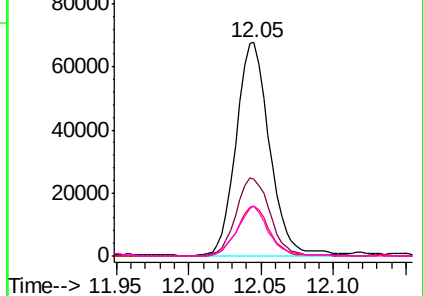


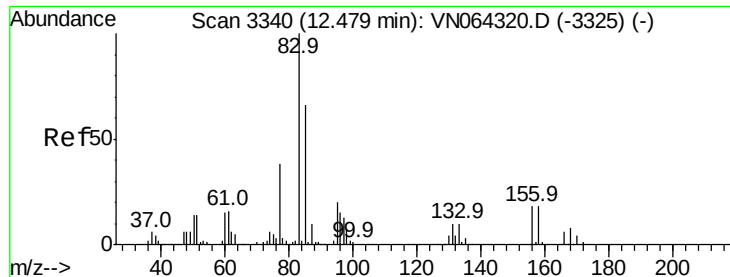
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 18.118 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

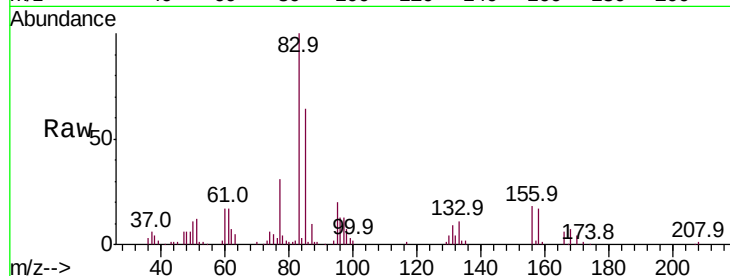
Tot Ion: 83 Resp: 69721

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

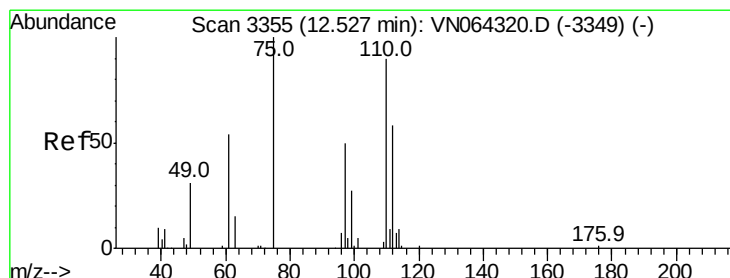
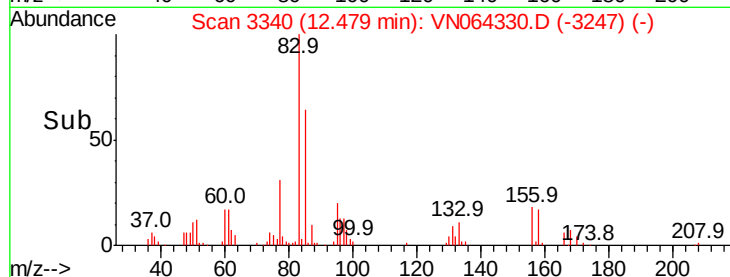
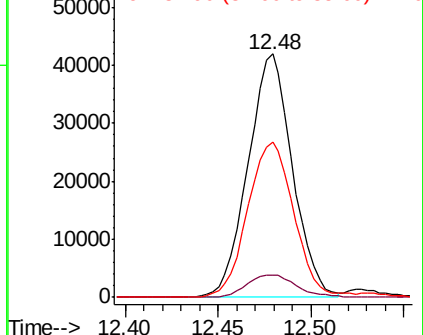
85 66.6 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064330.D (-3247) (-)

Ion 130.80 (130.50 to 131.50): VN064330.D (-3247) (-)

Ion 84.90 (84.60 to 85.60): VN064330.D (-3247) (-)



#76

1,2,3-Trichloropropane

Concen: 25.277 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064330.D

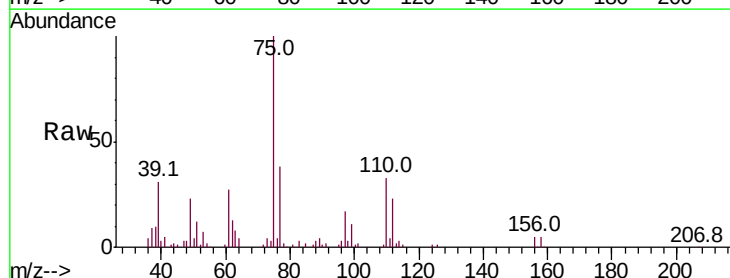
Acq: 27 Oct 2020 16:51

Tgt Ion: 75 Resp: 106993

Ion Ratio Lower Upper

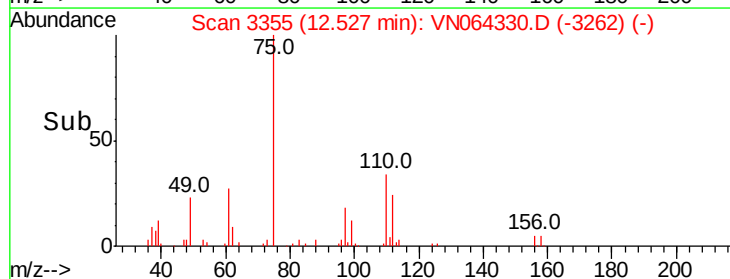
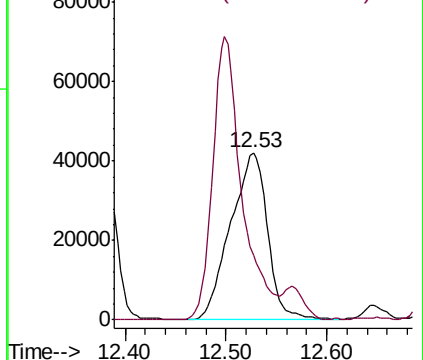
75 100

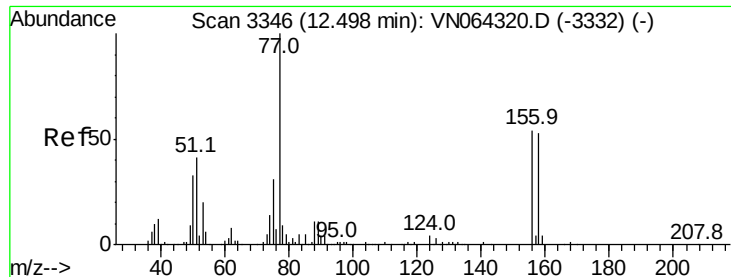
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064330.D (-3262) (-)

Ion 77.00 (76.70 to 77.70): VN064330.D (-3262) (-)





#77

Bromobenzene

Concen: 19.613 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

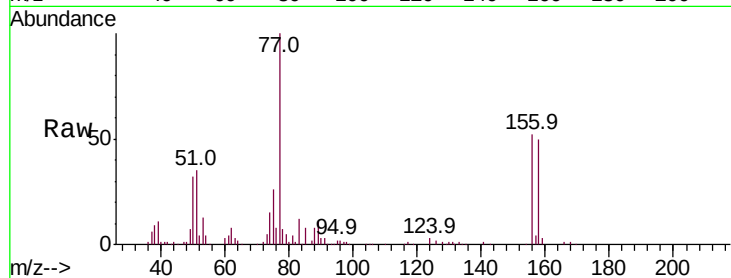
Tot Ion:156 Resp: 63581

Ion Ratio Lower Upper

156 100

77 226.4 111.9 335.7

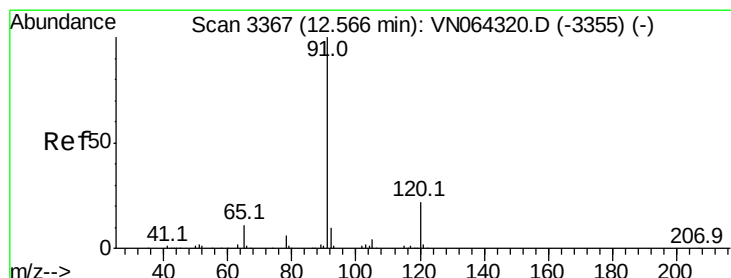
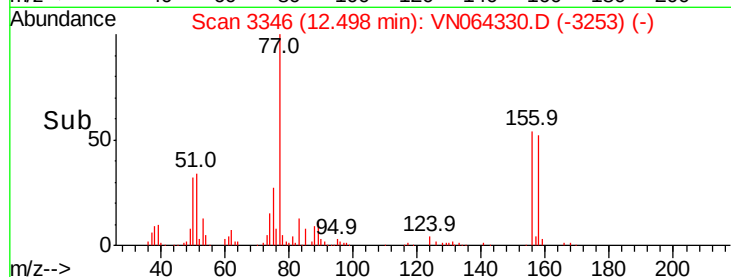
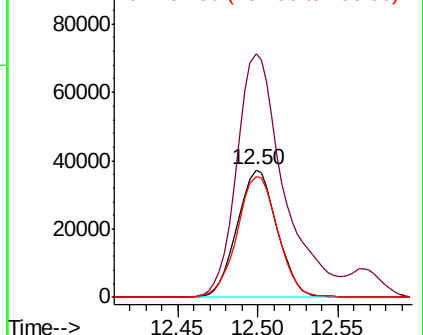
158 96.3 49.0 147.0



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: 19.113 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064330.D

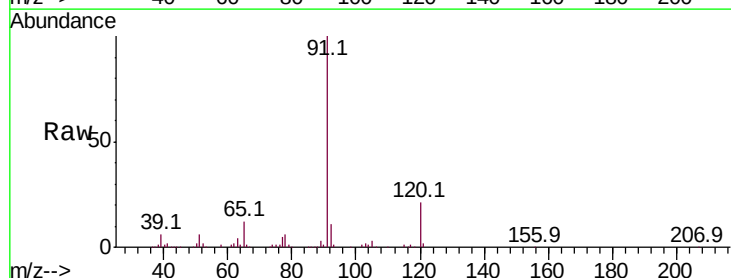
Acq: 27 Oct 2020 16:51

Tgt Ion: 91 Resp: 286465

Ion Ratio Lower Upper

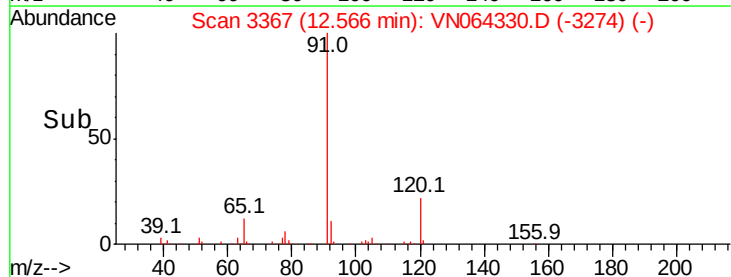
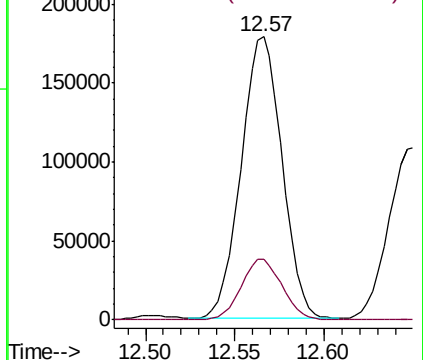
91 100

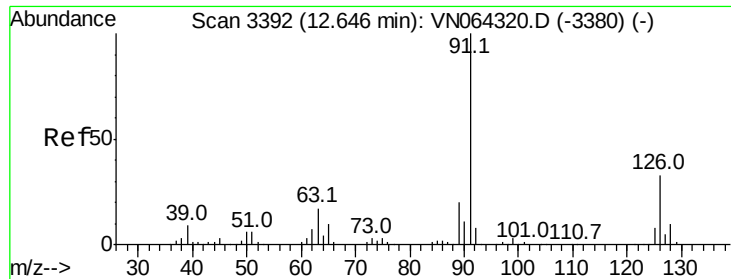
120 21.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

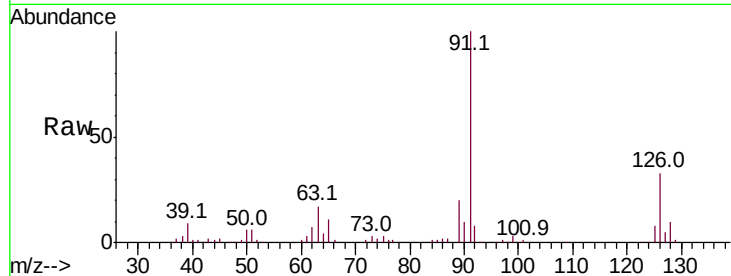




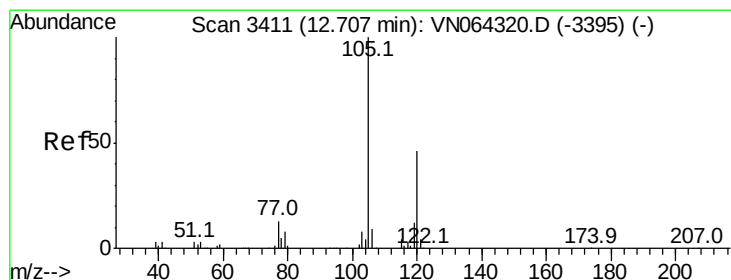
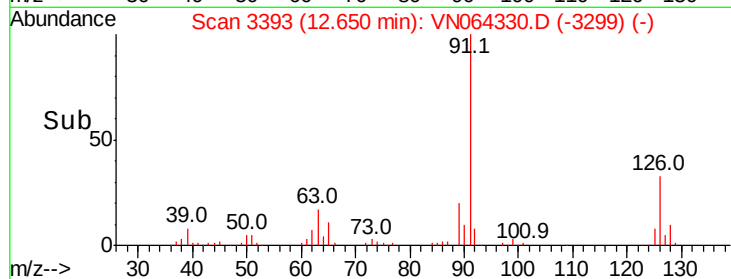
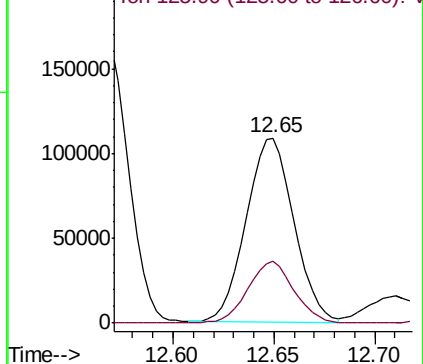
#79
 2-Chlorotoluene
 Concen: 18.759 ug/l
 RT: 12.65 min Scan# 3393
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

Tot Ion: 91 Resp: 179733
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.2 48.5

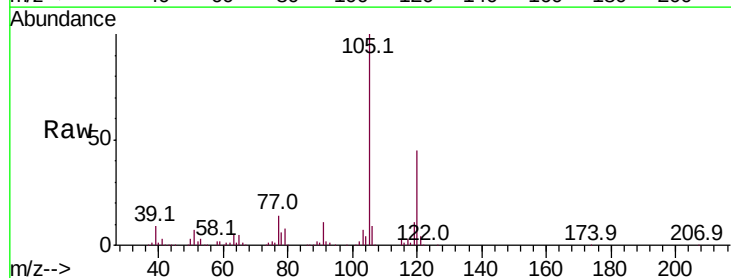


Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3380) (-)
 Ion 125.90 (125.60 to 126.60): VN064320.D (-3380) (-)

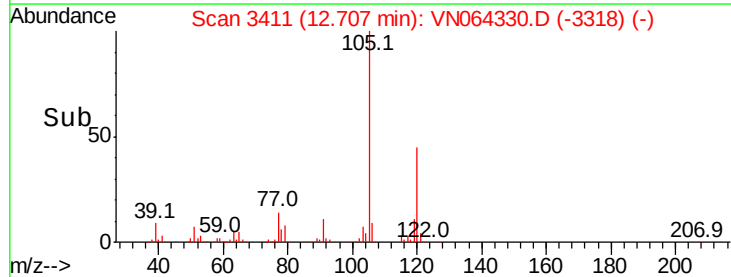
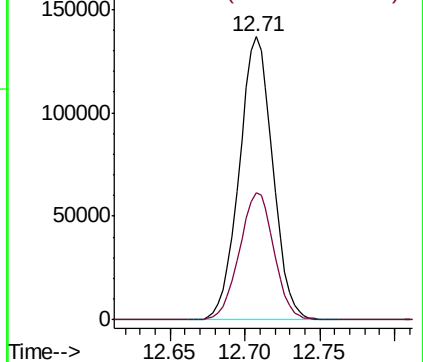


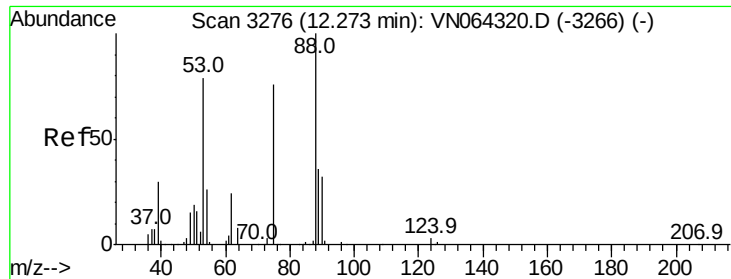
#80
 1,3,5-Trimethylbenzene
 Concen: 19.011 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion: 105 Resp: 212961
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.8



Abundance Ion 105.00 (104.70 to 105.70): VN064320.D (-3395) (-)
 Ion 120.00 (119.70 to 120.70): VN064320.D (-3395) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.641 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

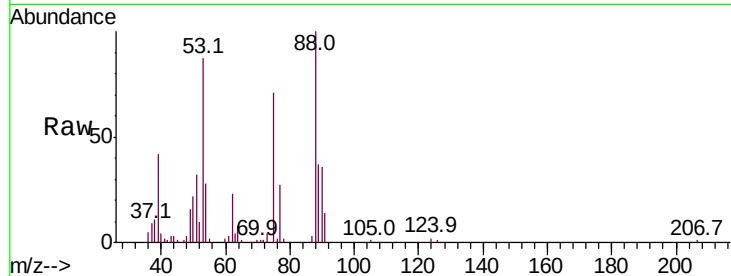
Tot Ion: 75 Resp: 25923

Ion Ratio Lower Upper

75 100

53 114.5 81.8 122.8

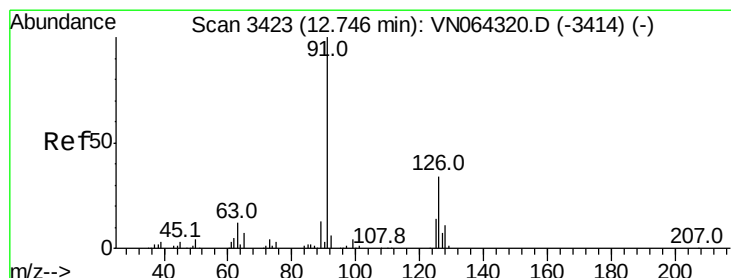
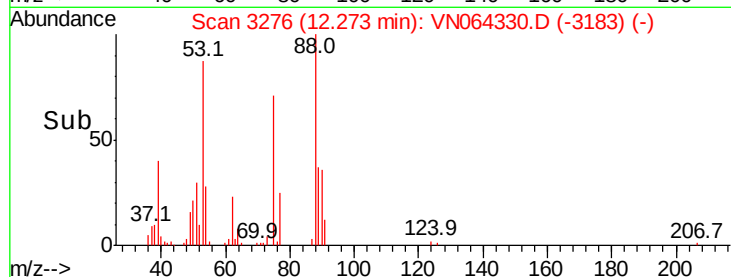
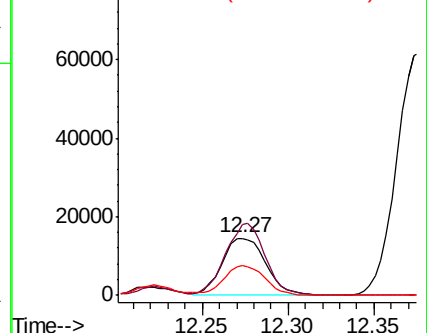
89 48.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 18.974 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064330.D

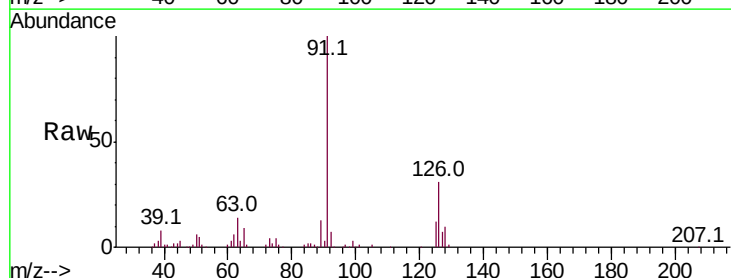
Acq: 27 Oct 2020 16:51

Tgt Ion: 91 Resp: 185191

Ion Ratio Lower Upper

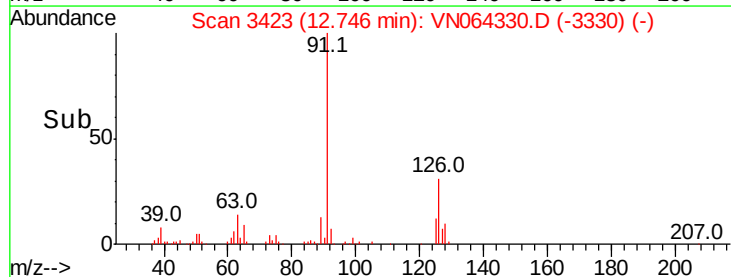
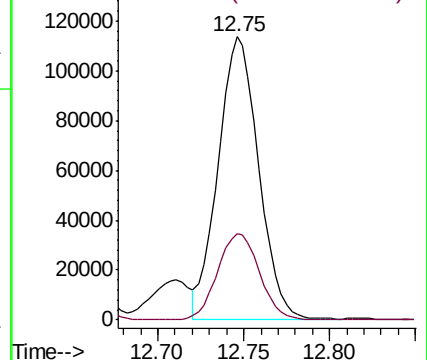
91 100

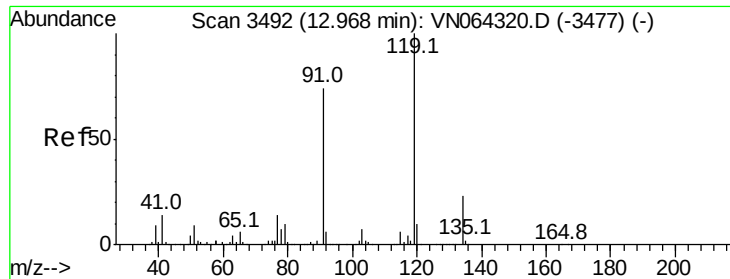
126 31.5 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): V

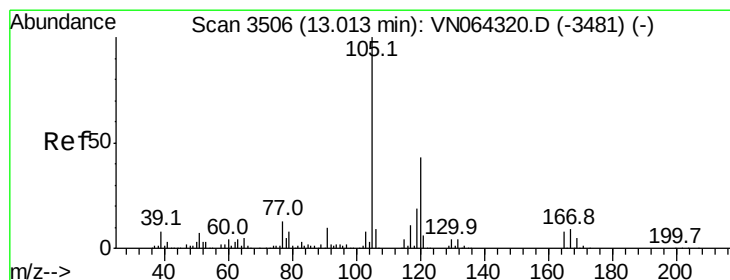
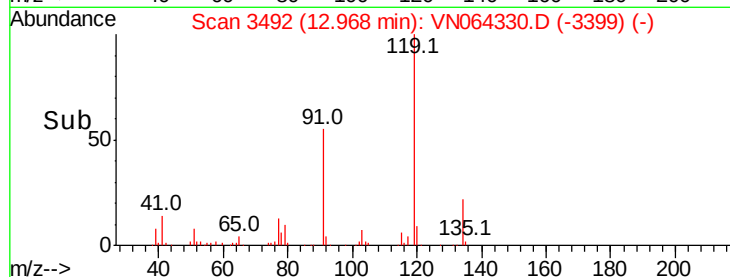
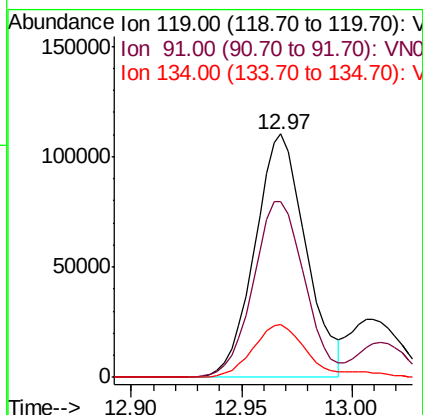
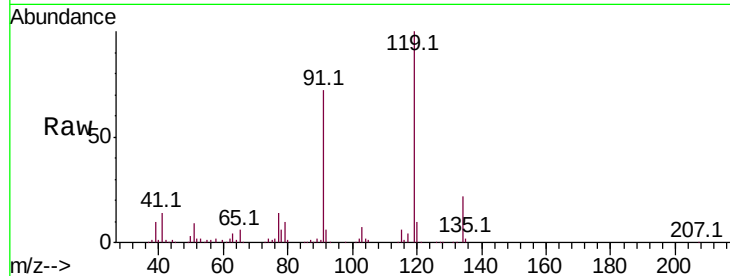




#83
 tert-Butylbenzene
 Concen: 19.317 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

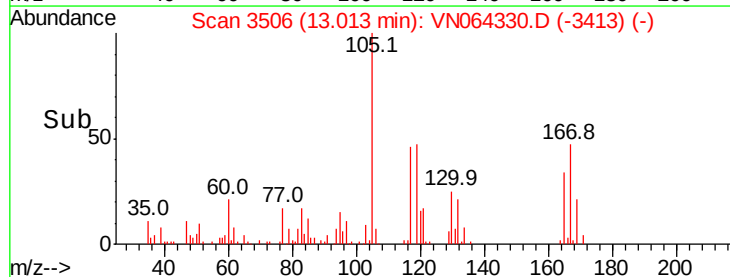
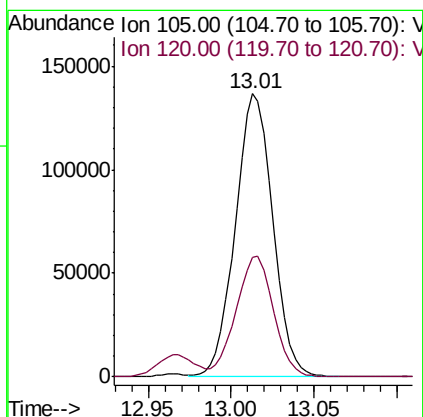
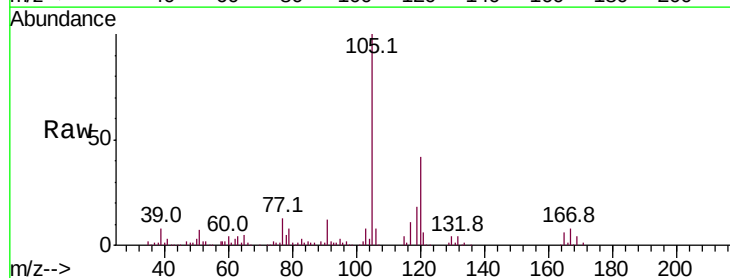
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

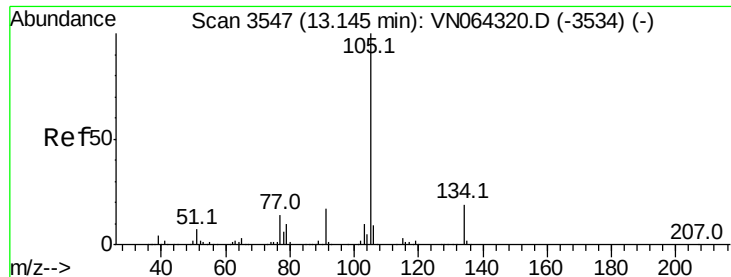
Tot Ion:119 Resp: 177567
 Ion Ratio Lower Upper
 119 100
 91 72.3 36.4 109.1
 134 23.8 12.0 36.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.071 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion:105 Resp: 213459
 Ion Ratio Lower Upper
 105 100
 120 43.2 21.3 64.0





#85

sec-Butylbenzene

Concen: 18.695 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

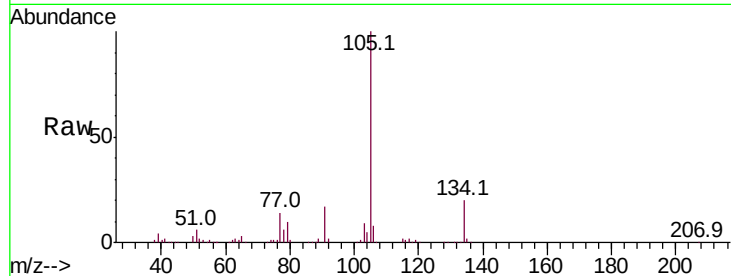
VN1027WBSD01

Tot Ion:105 Resp: 222378

Ion Ratio Lower Upper

105 100

134 19.6 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

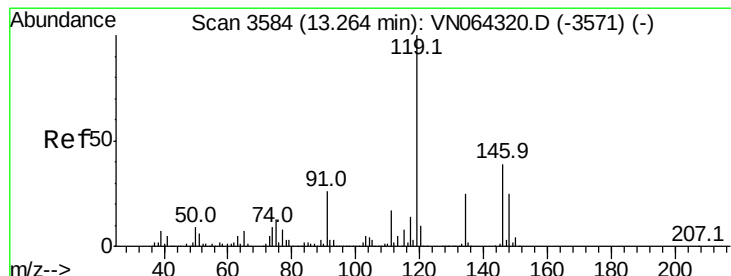
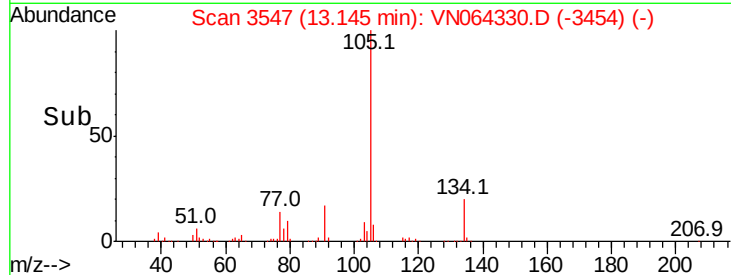
150000

100000

50000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 19.294 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

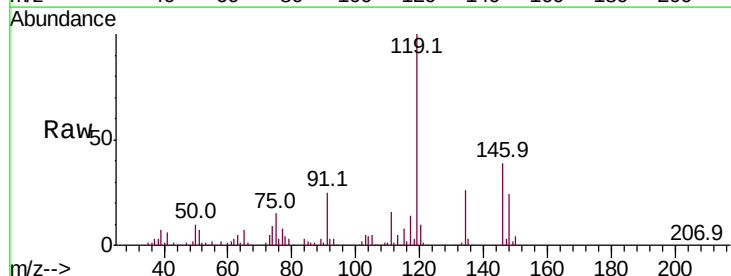
Tgt Ion:119 Resp: 206759

Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

91 26.4 13.0 38.9



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

13.26

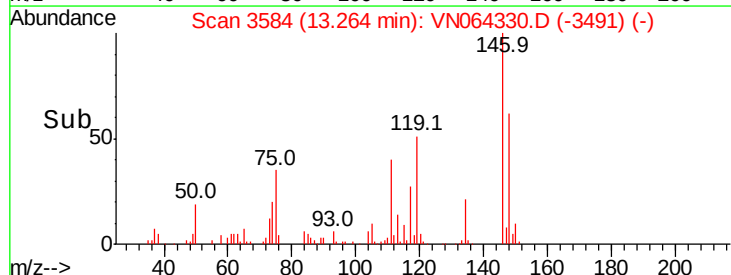
150000

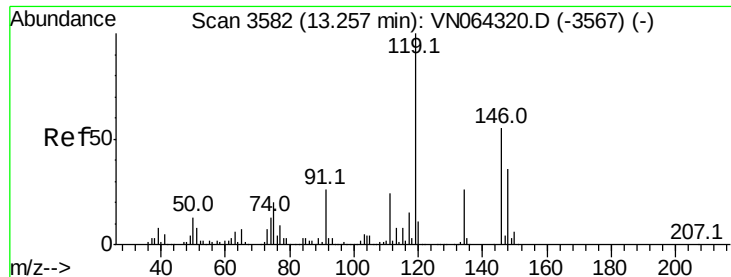
100000

50000

0

Time--> 13.20 13.25 13.30 13.35





#87

1,3-Dichlorobenzene

Concen: 18.702 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

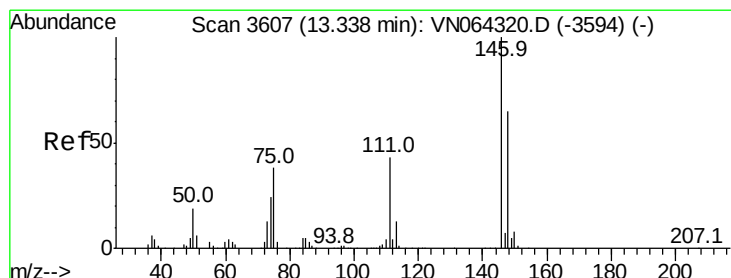
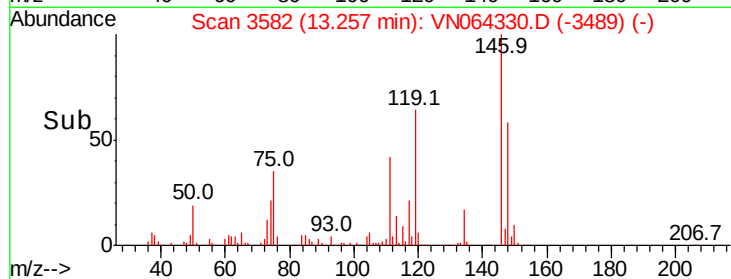
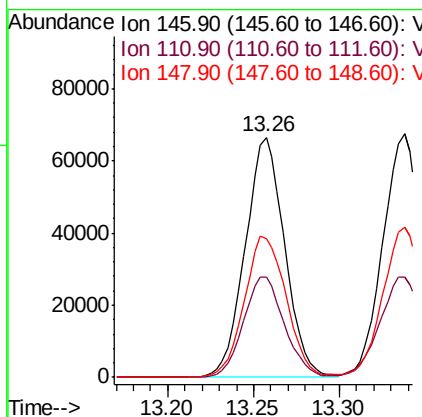
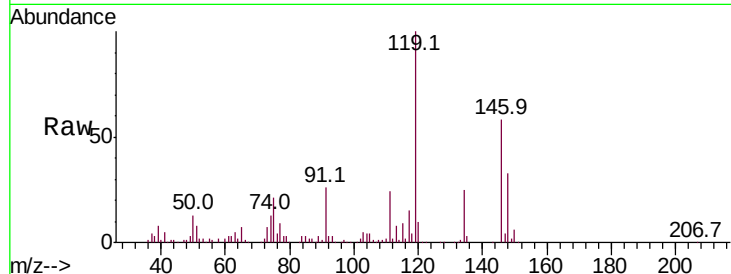
Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBSD01

Tot Ion:146 Resp: 106137

Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.9	65.5
148	62.5	32.6	98.0



#88

1,4-Dichlorobenzene

Concen: 18.628 ug/l

RT: 13.34 min Scan# 3607

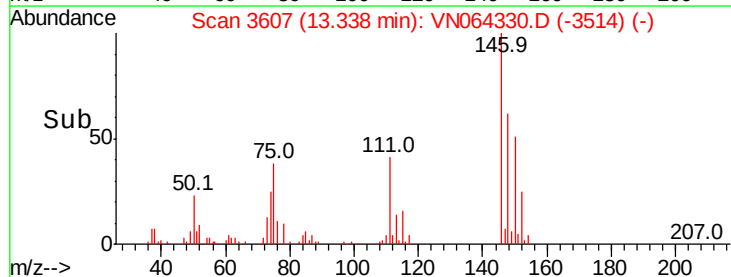
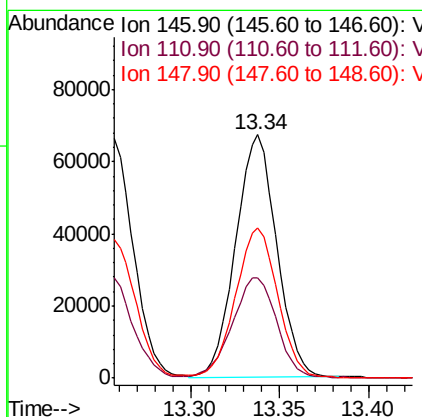
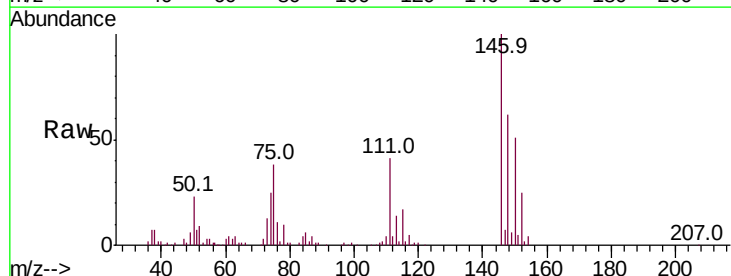
Delta R.T. 0.00 min

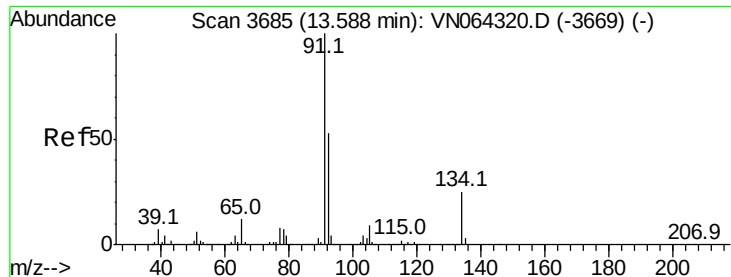
Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion:146 Resp: 107677

Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.8	65.4
148	63.3	31.8	95.3





#89

n-Butylbenzene

Concen: 18.236 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBSD01

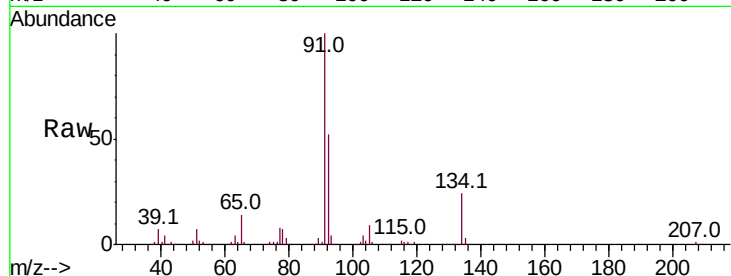
Tot Ion: 91 Resp: 172158

Ion Ratio Lower Upper

91 100

92 52.4 26.2 78.5

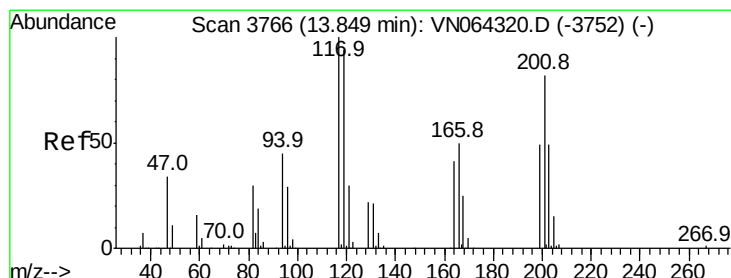
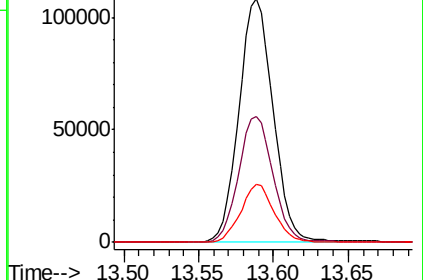
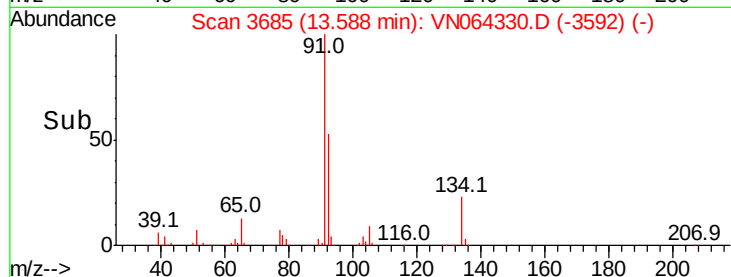
134 23.4 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN064330.D (-3685) (-)

Ion 92.00 (91.70 to 92.70): VN064330.D (-3685) (-)

Ion 134.00 (133.70 to 134.70): VN064330.D (-3685) (-)



#90

Hexachloroethane

Concen: 19.653 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN064330.D

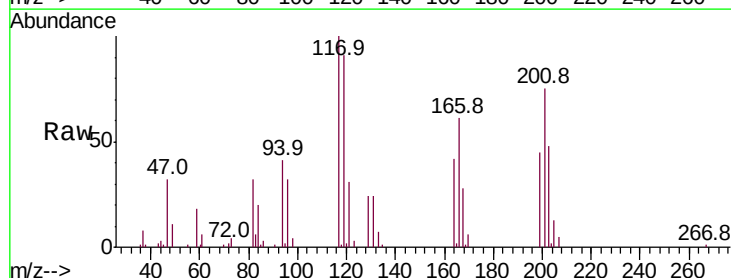
Acq: 27 Oct 2020 16:51

Tgt Ion: 117 Resp: 39554

Ion Ratio Lower Upper

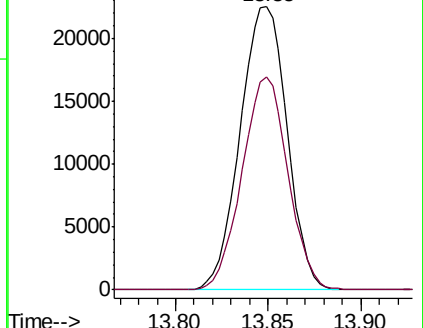
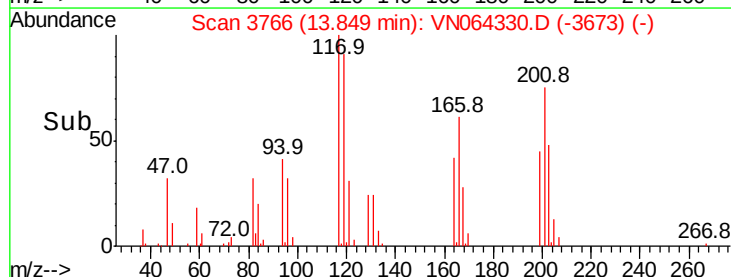
117 100

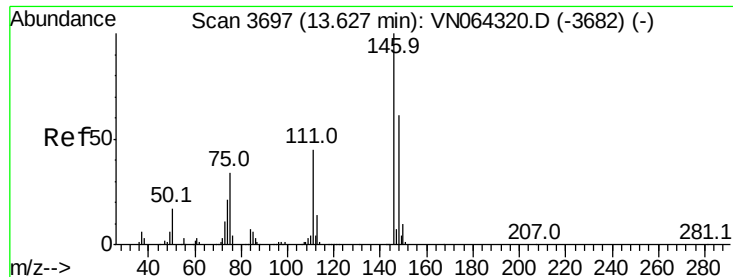
201 73.8 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): VN064330.D (-3766) (-)

Ion 200.70 (200.40 to 201.40): VN064330.D (-3766) (-)

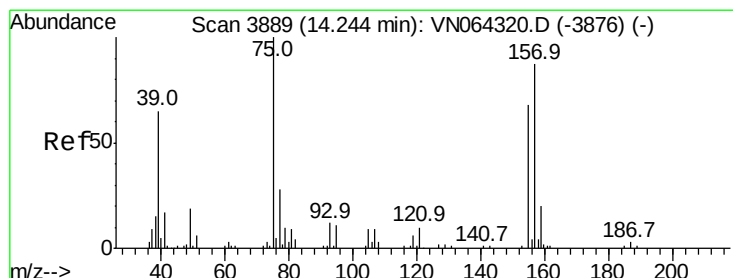
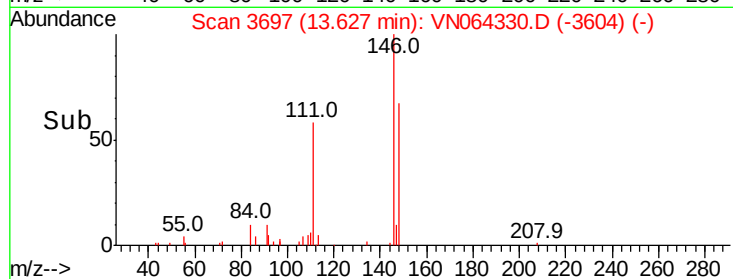
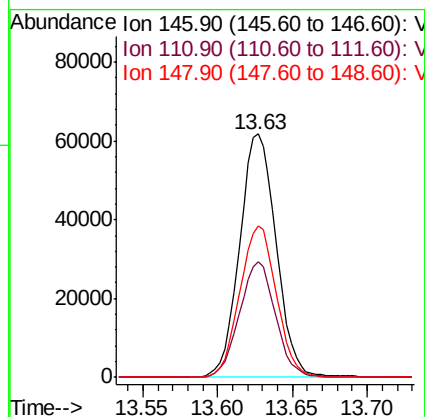
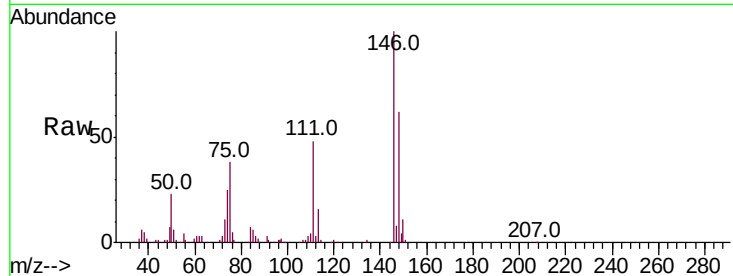




#91
 1,2-Dichlorobenzene
 Concen: 18.564 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

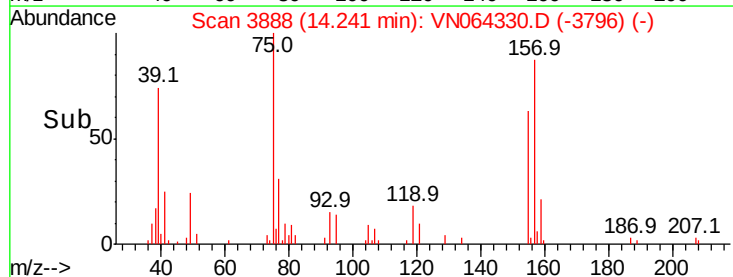
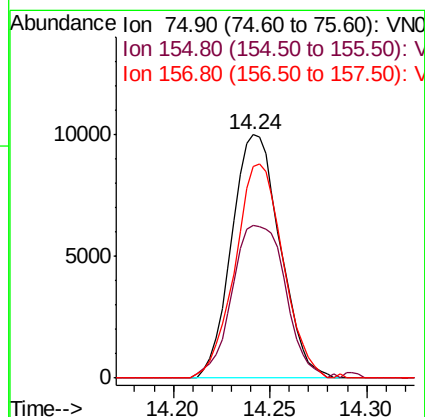
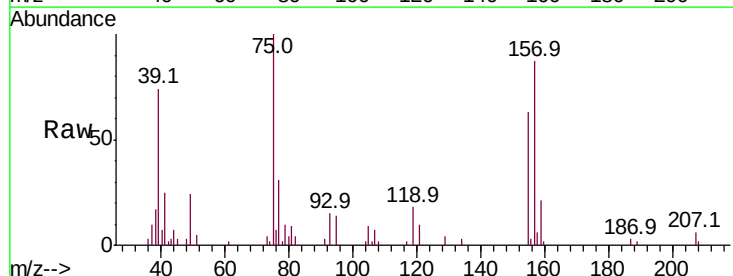
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

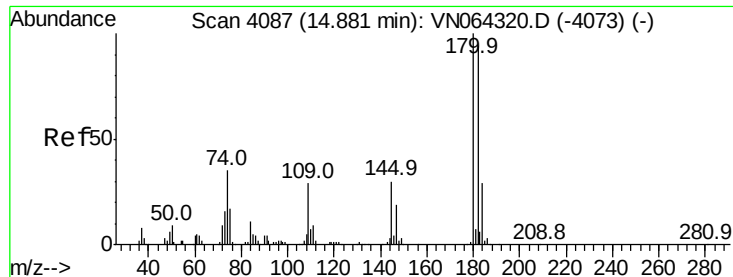
Tot Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.0	69.0
148	62.3	32.1	96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.225 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.0	35.1	105.5
157	87.3	43.2	129.6

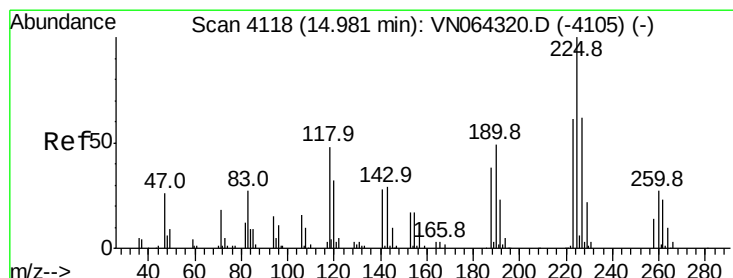
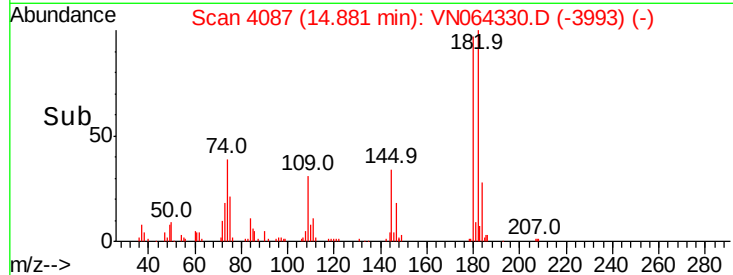
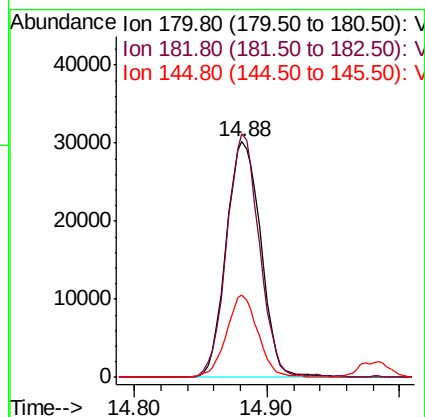
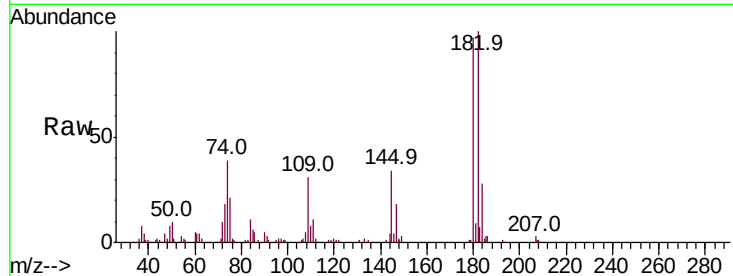




#93
 1,2,4-Trichlorobenzene
 Concen: 18.205 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

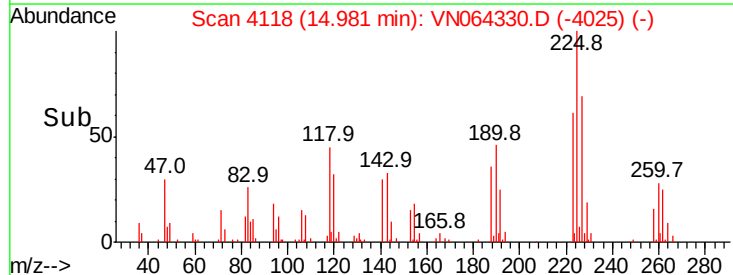
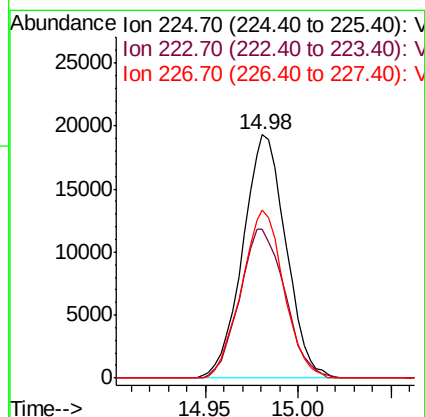
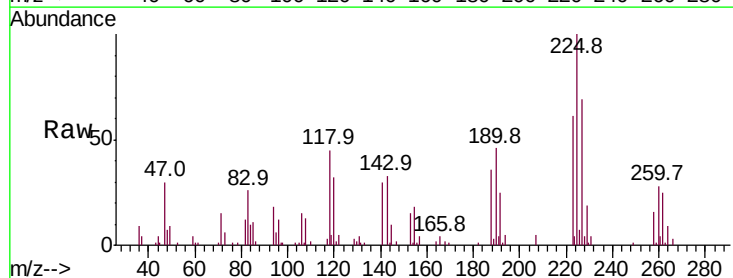
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBSD01

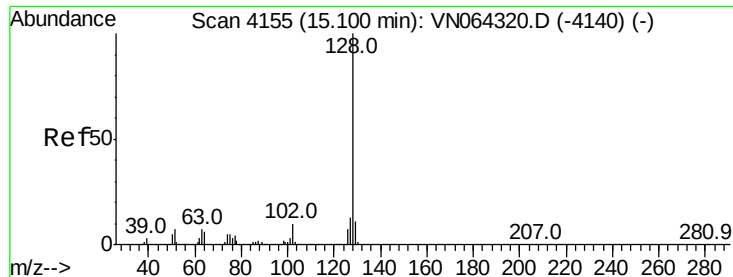
Tot Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.6	139.7
145	31.9	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 17.935 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064330.D
 Acq: 27 Oct 2020 16:51

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	31.3	93.8
227	68.0	32.3	96.9





#95

Naphthalene

Concen: 18.206 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Instrument :

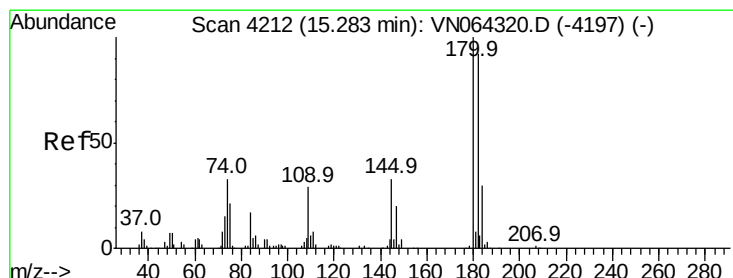
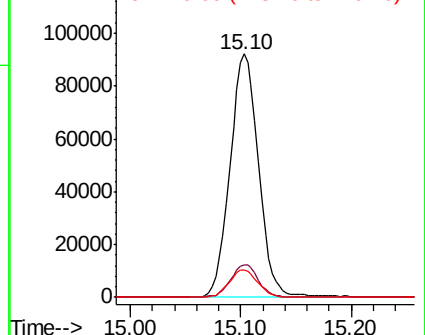
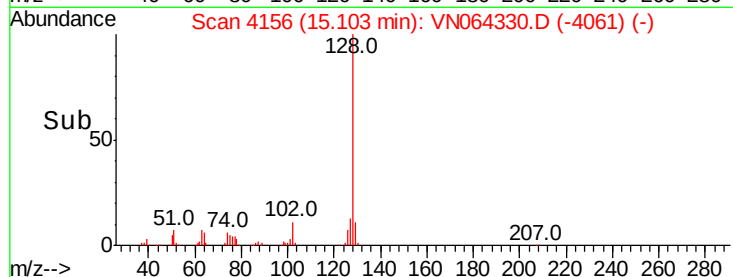
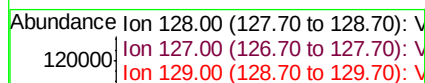
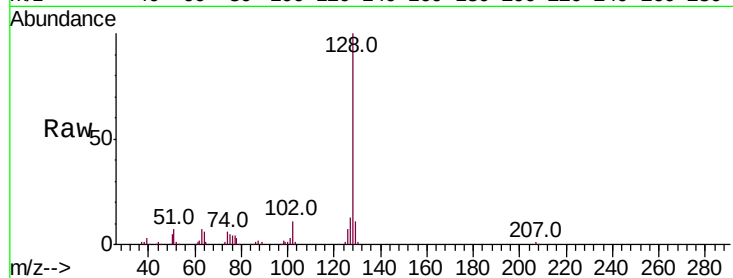
MSVOA_N

ClientSampleId :

VN1027WBSD01

Tot Ion:128 Resp: 165958

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.4	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.594 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064330.D

Acq: 27 Oct 2020 16:51

Tgt Ion:180 Resp: 53640

Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.1	138.3
145	32.6	16.2	48.5

