

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102820\
 Data File : VN064345.D
 Acq On : 28 Oct 2020 12:18
 Operator : JC/MD
 Sample : VN1028WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

Quant Time: Oct 29 02:40:06 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	7.62	168	235301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	392949	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	364743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	200138	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
35) Dibromofluoromethane	7.55	113	133711	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
50) Toluene-d8	10.06	98	477586	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.38	95	191228	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	53074	19.622	ug/l	94
3) Chloromethane	2.04	50	54510	18.643	ug/l	96
4) Vinyl Chloride	2.16	62	56005	19.803	ug/l	96
5) Bromomethane	2.53	94	33842	18.519	ug/l	100
6) Chloroethane	2.67	64	32750	19.380	ug/l	98
7) Trichlorofluoromethane	2.98	101	96084	20.280	ug/l	98
8) Diethyl Ether	3.38	74	30942	20.645	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	26716	11.219	ug/l #	41
10) Methyl Iodide	3.91	142	53300	16.773	ug/l	97
11) Tert butyl alcohol	4.73	59	56437	102.817	ug/l #	84
12) 1,1-Dichloroethene	3.69	96	43557	19.376	ug/l	84
13) Acrolein	3.58	56	9815	94.250	ug/l	100
14) Allyl chloride	4.28	41	90425	19.700	ug/l	97
15) Acrylonitrile	4.93	53	116730	98.889	ug/l	97
16) Acetone	3.78	43	123519	91.148	ug/l	96
17) Carbon Disulfide	4.01	76	123368	18.548	ug/l	96
18) Methyl Acetate	4.27	43	55399	19.503	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	168972	19.563	ug/l	97
20) Methylene Chloride	4.51	84	52609	19.618	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	49909	19.902	ug/l	89
22) Diisopropyl ether	5.90	45	178516	19.897	ug/l	94
23) Vinyl Acetate	5.84	43	786615	103.630	ug/l	99
24) 1,1-Dichloroethane	5.79	63	99775	19.874	ug/l	98
25) 2-Butanone	6.78	43	183335	96.565	ug/l	96
26) 2,2-Dichloropropane	6.77	77	94404	19.213	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	56232	19.593	ug/l	96
28) Bromochloromethane	7.15	49	47823	19.993	ug/l	99
29) Tetrahydrofuran	7.16	42	123867	100.497	ug/l	99
30) Chloroform	7.33	83	104469	19.495	ug/l	96
31) Cyclohexane	7.61	56	84088	19.161	ug/l #	91
32) 1,1,1-Trichloroethane	7.53	97	100649	19.559	ug/l	98
36) 1,1-Dichloropropene	7.75	75	77128	19.449	ug/l	99
37) Ethyl Acetate	6.88	43	77377	19.316	ug/l	99
38) Carbon Tetrachloride	7.73	117	90805	19.750	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	73214	18.619	ug/l	96
40) Benzene	8.00	78	206295	18.688	ug/l	98
41) Methacrylonitrile	7.17	41	114850	57.757	ug/l #	20
42) 1,2-Dichloroethane	8.08	62	92888	19.480	ug/l	100
43) Isopropyl Acetate	8.13	43	131253	19.168	ug/l #	90
44) Trichloroethene	8.80	130	57176	19.772	ug/l	90
45) 1,2-Dichloropropane	9.08	63	56170	19.002	ug/l	94
46) Dibromomethane	9.17	93	41330	19.986	ug/l	99
47) Bromodichloromethane	9.37	83	84692	18.480	ug/l	98
48) Methyl methacrylate	9.16	41	65796	18.624	ug/l	98
49) 1,4-Dioxane	9.17	88	20340	390.604	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	390502	98.106	ug/l	100
52) Toluene	10.12	92	131463	18.873	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	92090	19.004	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	94533	18.951	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	53396	19.420	ug/l	99
56) Ethyl methacrylate	10.40	69	79332	19.060	ug/l	100
57) 1,3-Dichloropropane	10.68	76	92692	19.762	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	203315	89.515	ug/l	98
59) 2-Hexanone	10.72	43	286510	97.733	ug/l	97
60) Dibromochloromethane	10.87	129	61680	18.973	ug/l	98
61) 1,2-Dibromoethane	10.98	107	56279	20.088	ug/l	100
64) Tetrachloroethene	10.60	164	54671	18.237	ug/l	96
65) Chlorobenzene	11.41	112	140445	18.993	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	55855	18.688	ug/l	98
67) Ethyl Benzene	11.48	91	261071	18.990	ug/l	98
68) m/p-Xylenes	11.60	106	191767	37.640	ug/l	99
69) o-Xylene	11.92	106	90584	18.455	ug/l	97
70) Styrene	11.94	104	149128	18.531	ug/l	97
71) Bromoform	12.10	173	44616	19.020	ug/l #	92
73) Isopropylbenzene	12.22	105	241121	18.948	ug/l	99
74) N-amyl acetate	12.05	43	108572	19.383	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71906	19.439	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	108097	26.567	ug/l #	100
77) Bromobenzene	12.50	156	58956	18.920	ug/l	98
78) n-propylbenzene	12.56	91	270853	18.800	ug/l	99
79) 2-Chlorotoluene	12.65	91	175657	19.073	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	207432	19.264	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	26758	18.943	ug/l	93
82) 4-Chlorotoluene	12.75	91	182788	19.482	ug/l	100
83) tert-Butylbenzene	12.97	119	168702	19.093	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	209976	19.516	ug/l	100
85) sec-Butylbenzene	13.14	105	216472	18.932	ug/l	100
86) p-Isopropyltoluene	13.26	119	197236	19.147	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	106712	19.562	ug/l	95
88) 1,4-Dichlorobenzene	13.33	146	102213	18.396	ug/l	97
89) n-Butylbenzene	13.59	91	164666	18.145	ug/l	98
90) Hexachloroethane	13.85	117	38161	19.726	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	102868	18.967	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	19000	20.701	ug/l	93

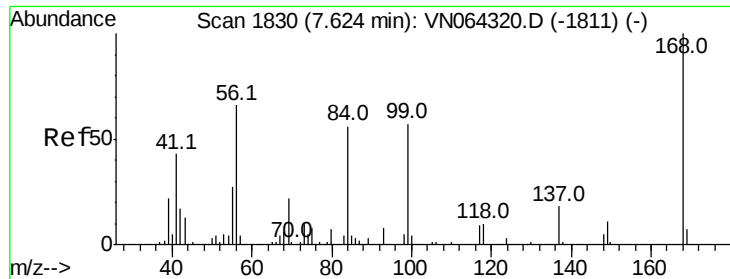
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	51944	18.010	ug/l	96
94) Hexachlorobutadiene	14.98	225	31369	18.848	ug/l	96
95) Naphthalene	15.10	128	160502	18.303	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	51193	18.477	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

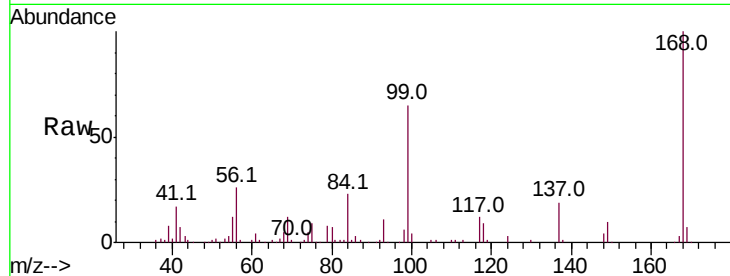
VN1028WBS01

Tot Ion:168 Resp: 235301

Ion Ratio Lower Upper

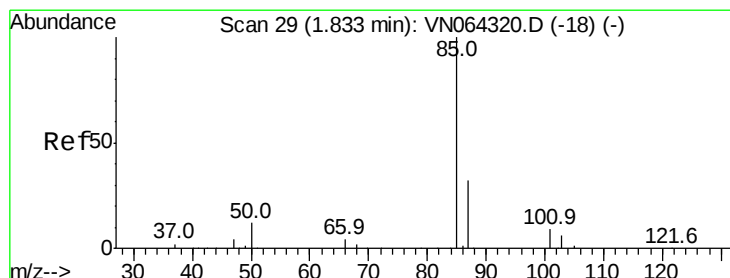
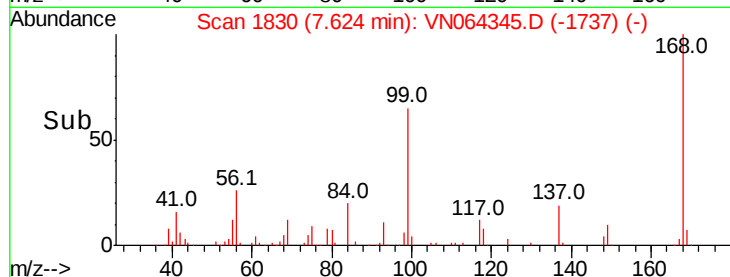
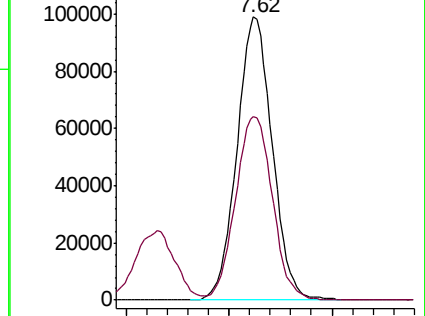
168 100

99 64.7 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 19.622 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064345.D

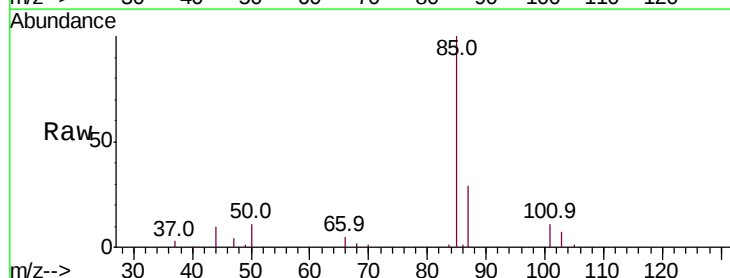
Acq: 28 Oct 2020 12:18

Tgt Ion: 85 Resp: 53074

Ion Ratio Lower Upper

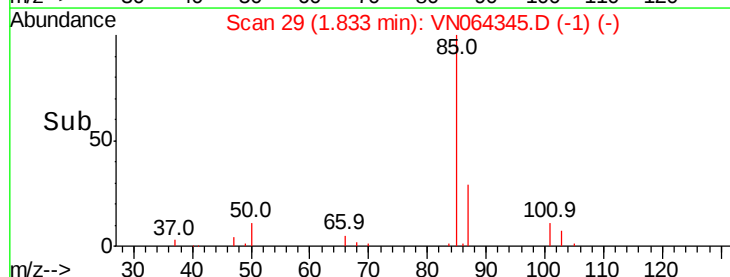
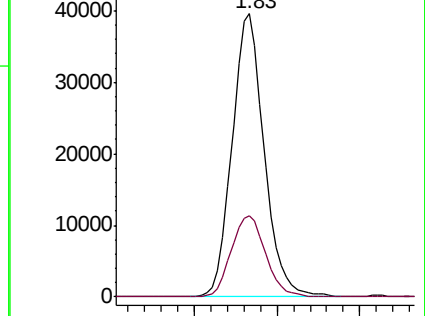
85 100

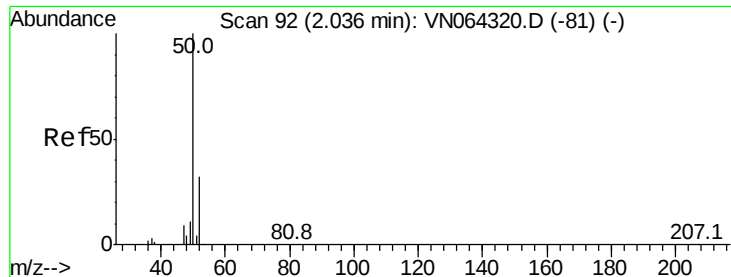
87 28.5 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 18.643 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

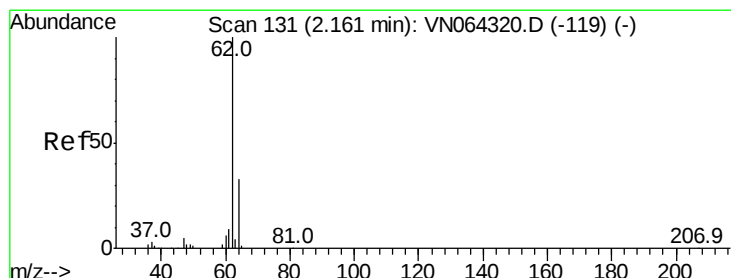
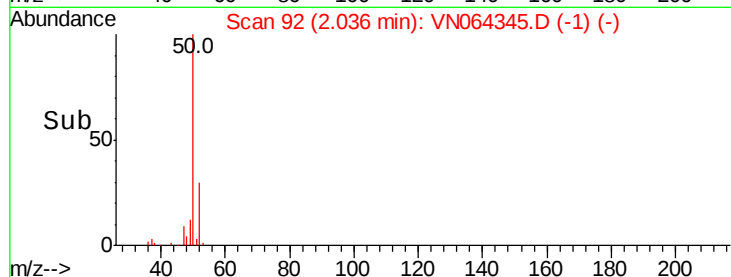
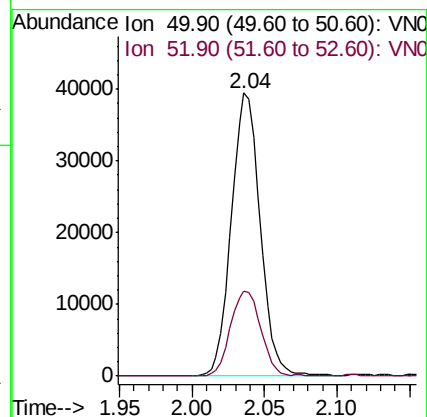
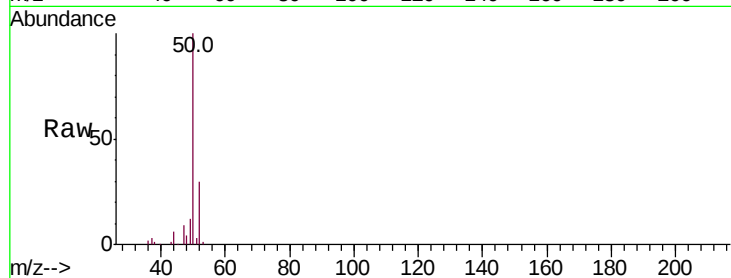
VN1028WBS01

Tot Ion: 50 Resp: 54510

Ion Ratio Lower Upper

50 100

52 30.0 25.6 38.4



#4

Vinyl Chloride

Concen: 19.803 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064345.D

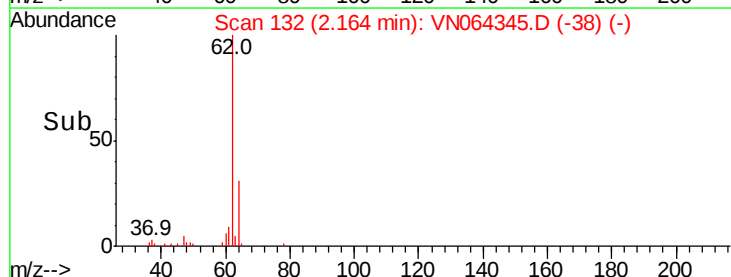
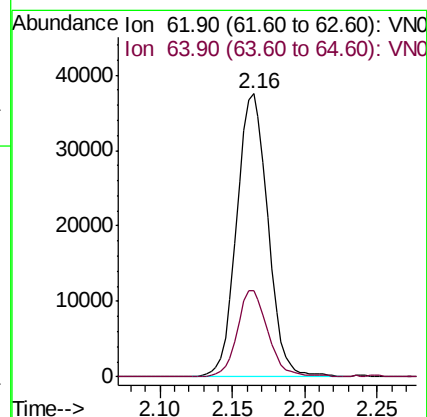
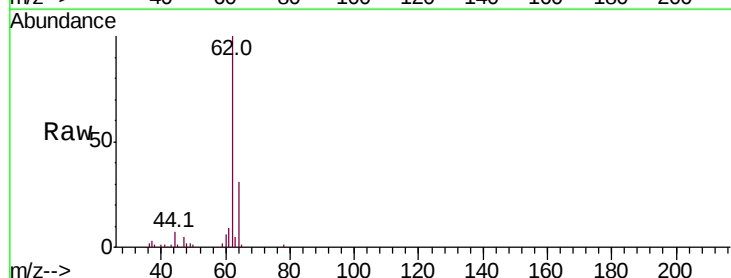
Acq: 28 Oct 2020 12:18

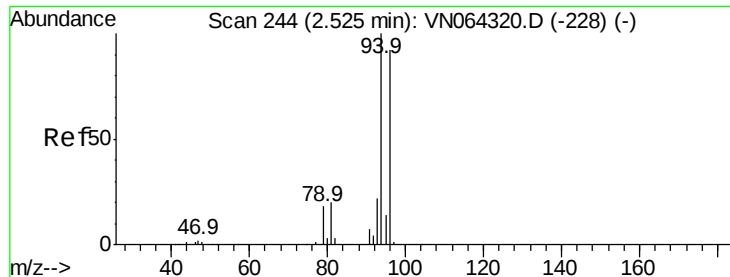
Tgt Ion: 62 Resp: 56005

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.4





#5

Bromomethane

Concen: 18.519 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

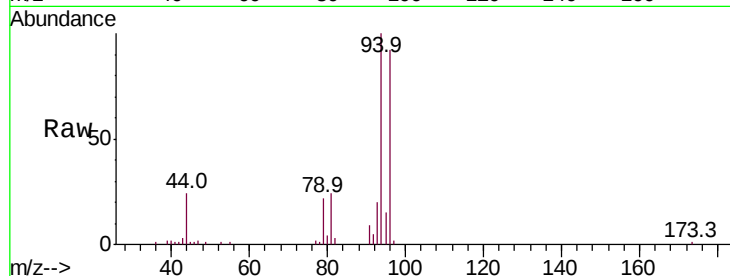
VN1028WBS01

Tot Ion: 94 Resp: 33842

Ion Ratio Lower Upper

94 100

96 92.0 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

15000

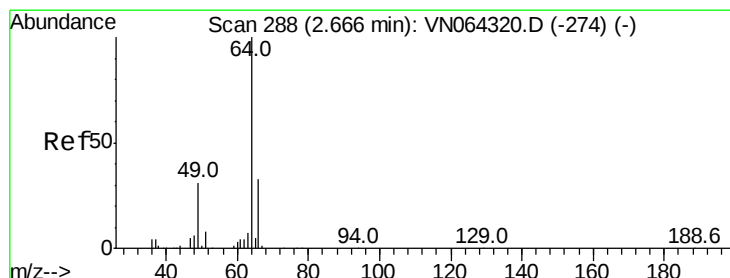
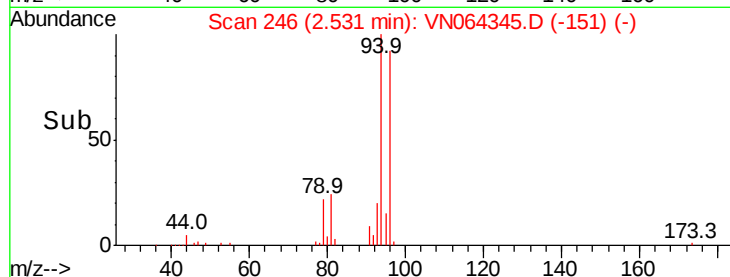
10000

5000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 19.380 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.01 min

Lab File: VN064345.D

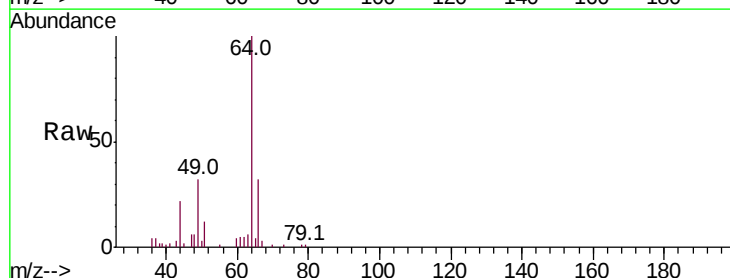
Acq: 28 Oct 2020 12:18

Tgt Ion: 64 Resp: 32750

Ion Ratio Lower Upper

64 100

66 31.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

15000

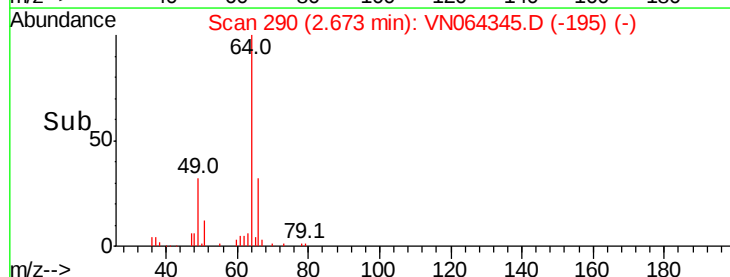
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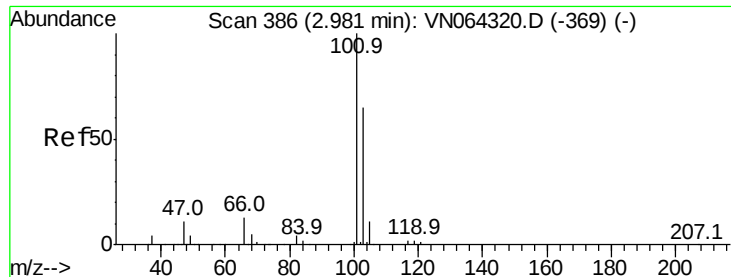
5000

0

Time-->

2.60 2.65 2.70 2.75



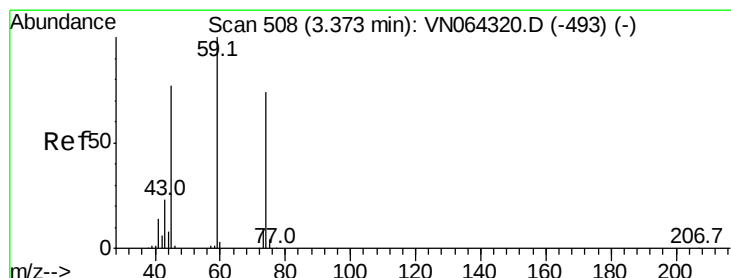
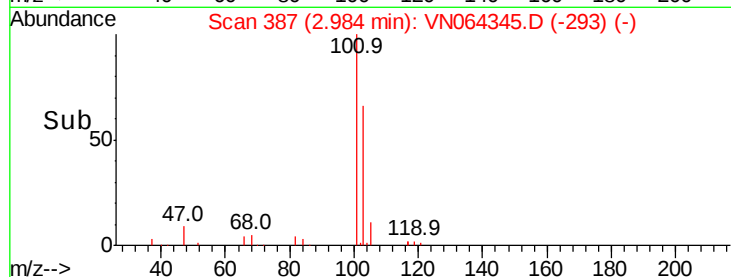
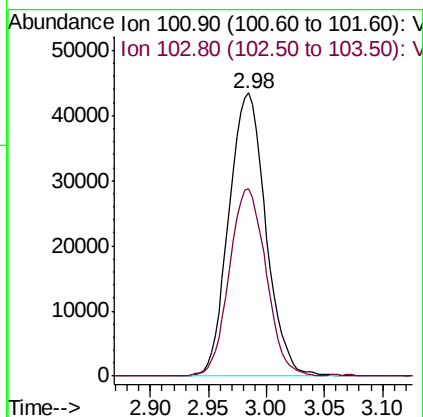
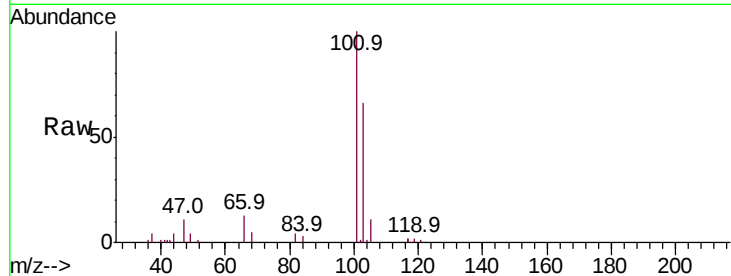


#7

Trichlorofluoromethane
Concen: 20.280 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
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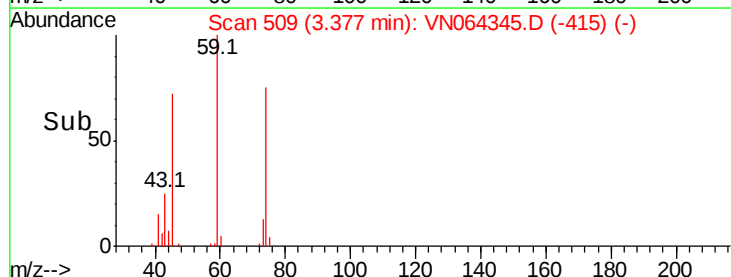
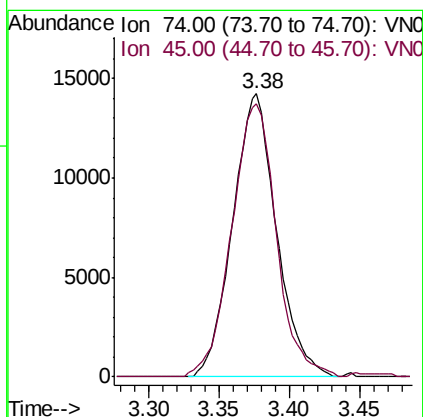
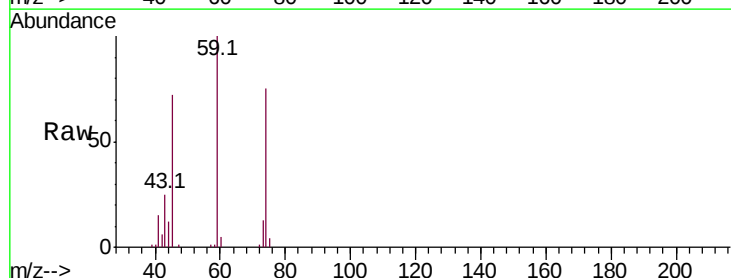
Tot Ion:101 Resp: 96084
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5

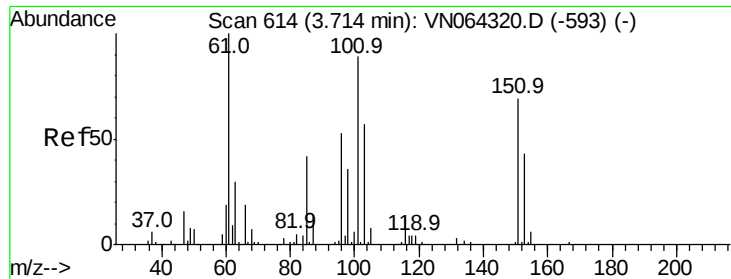


#8

Diethyl Ether
Concen: 20.645 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 74 Resp: 30942
Ion Ratio Lower Upper
74 100
45 98.3 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 11.219 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

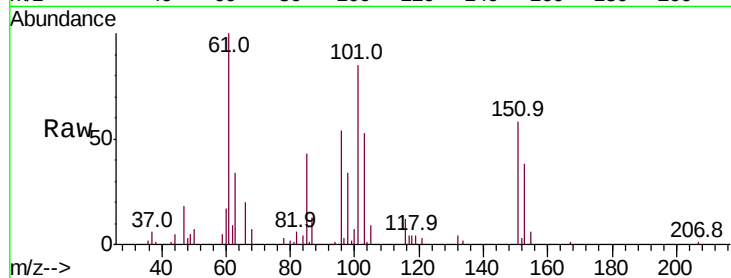
Tot Ion:101 Resp: 26716

Ion Ratio Lower Upper

101 100

85 83.9 38.4 57.6#

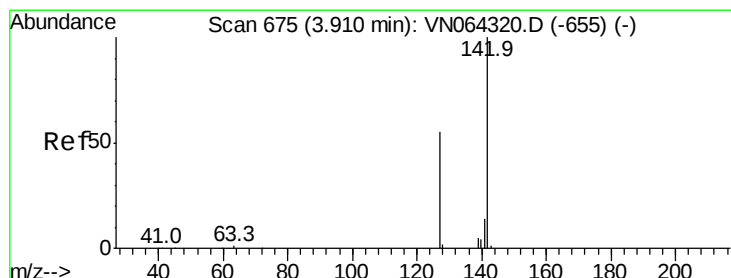
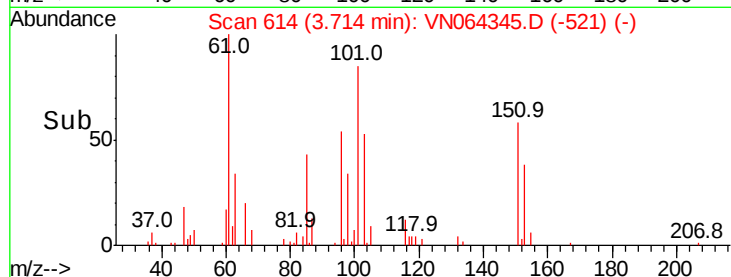
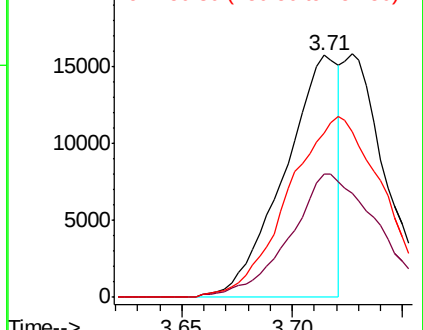
151 131.4 62.0 93.0#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.773 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

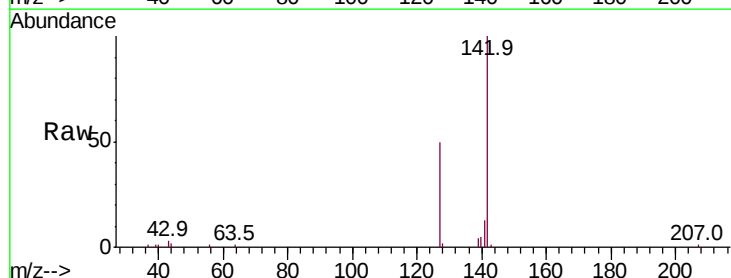
Tgt Ion:142 Resp: 53300

Ion Ratio Lower Upper

142 100

127 51.2 43.3 64.9

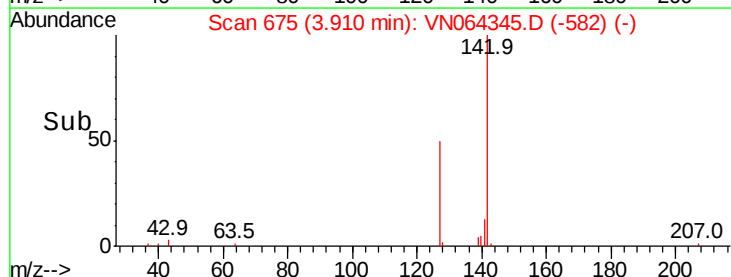
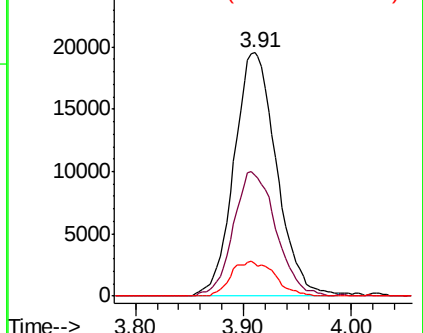
141 14.7 11.5 17.3

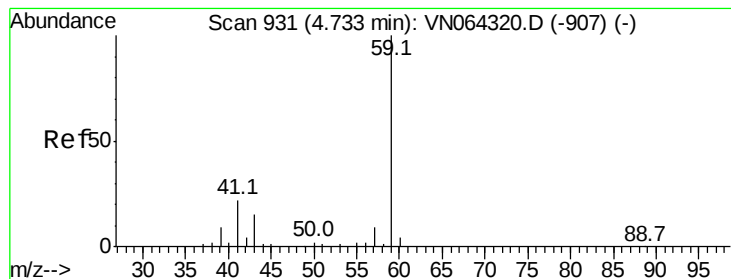


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



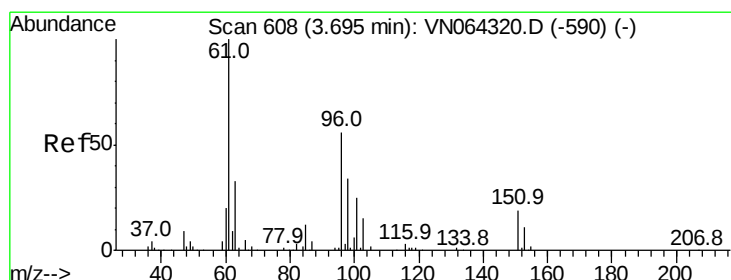
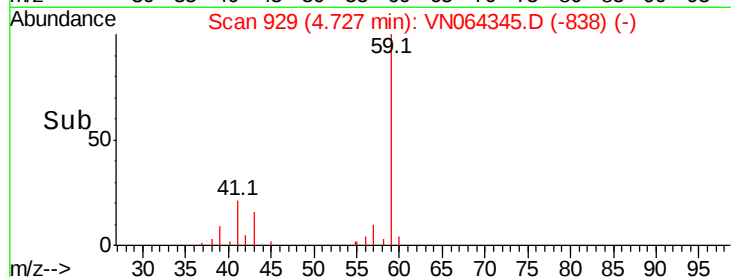
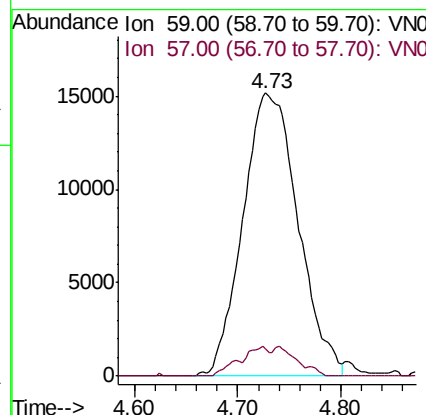
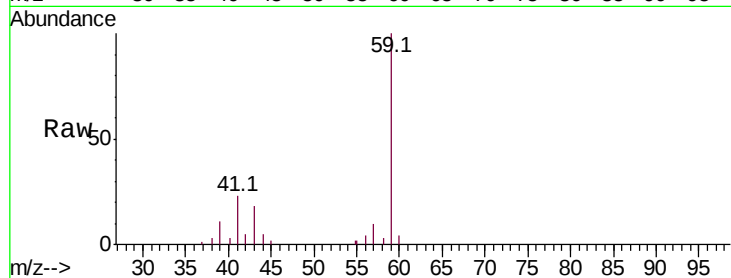


#11

Tert butyl alcohol
 Concen: 102.817 ug/l
 RT: 4.73 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

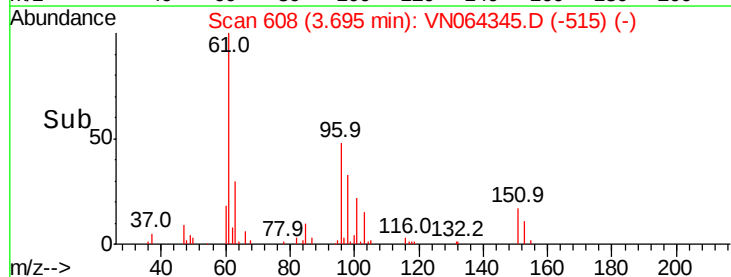
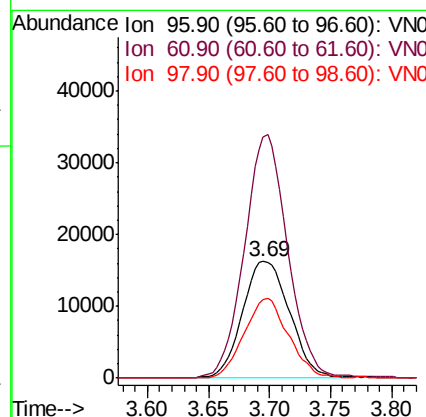
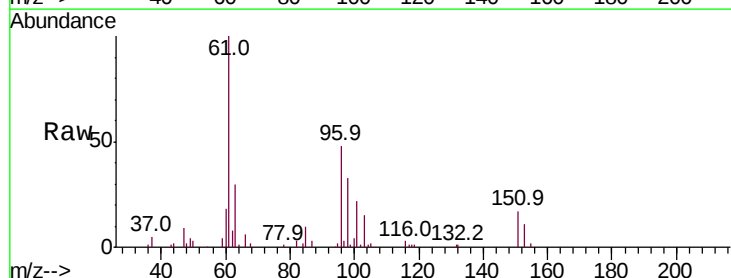
Tot Ion: 59 Resp: 56437
 Ion Ratio Lower Upper
 59 100
 57 5.4 9.4 14.0#

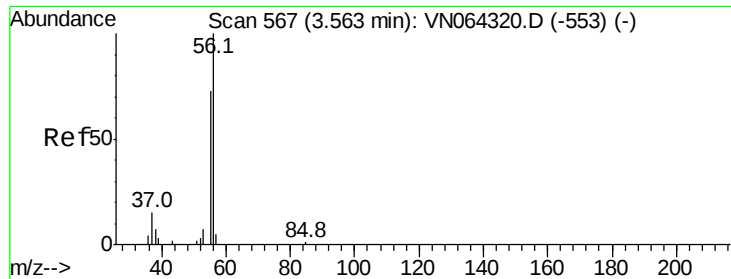


#12

1,1-Dichloroethene
 Concen: 19.376 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion: 96 Resp: 43557
 Ion Ratio Lower Upper
 96 100
 61 206.3 143.6 215.4
 98 67.8 48.6 73.0





#13

Acrolein

Concen: 94.250 ug/l

RT: 3.58 min Scan# 571

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

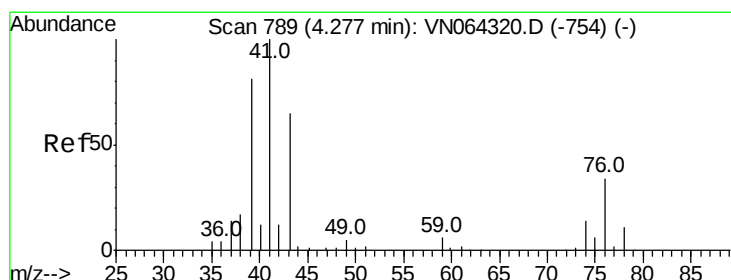
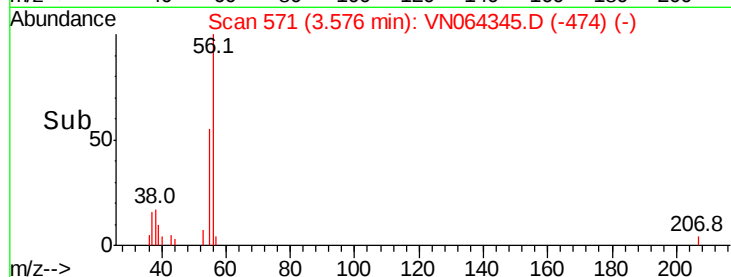
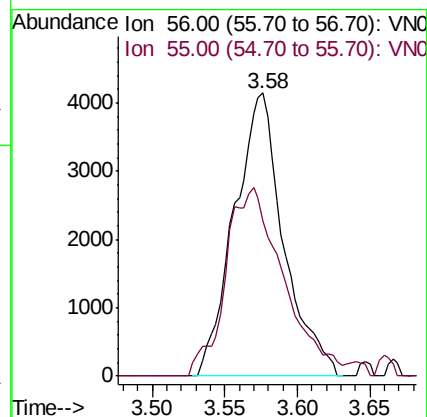
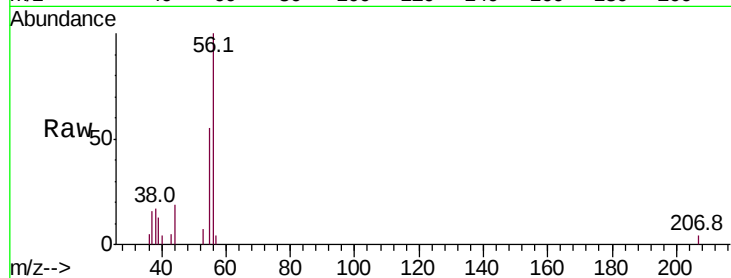
VN1028WBS01

Tot Ion: 56 Resp: 9815

Ion Ratio Lower Upper

56 100

55 77.9 62.6 94.0



#14

Allyl chloride

Concen: 19.700 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

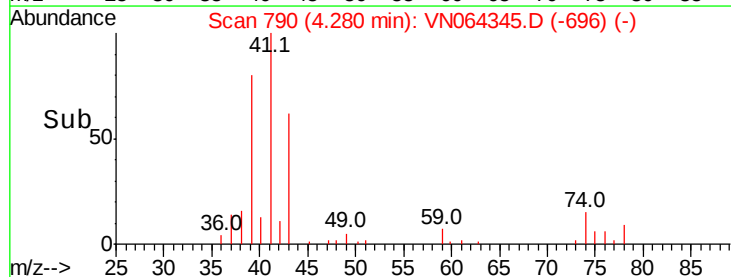
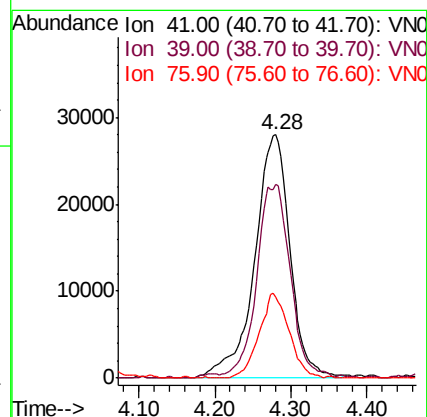
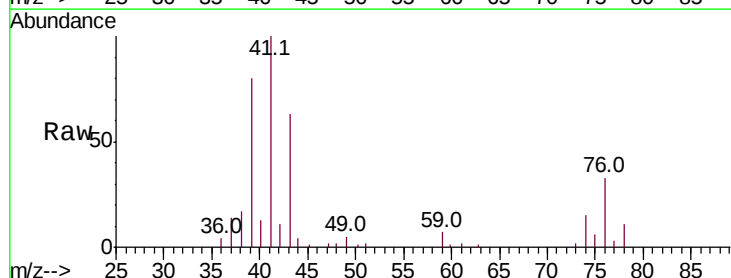
Tgt Ion: 41 Resp: 90425

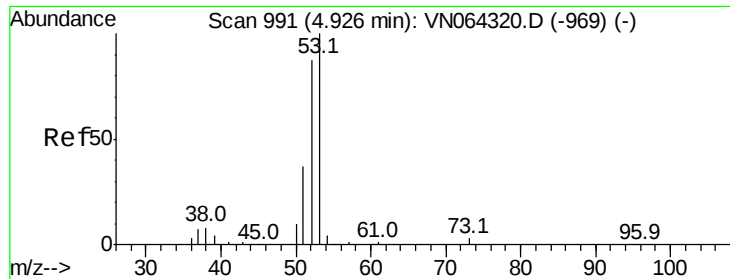
Ion Ratio Lower Upper

41 100

39 74.4 61.7 92.5

76 29.4 24.0 36.0





#15

Acrylonitrile

Concen: 98.889 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

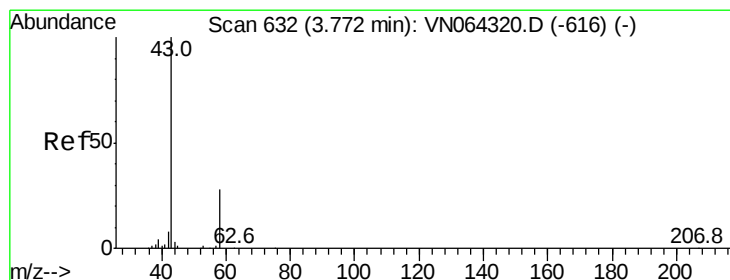
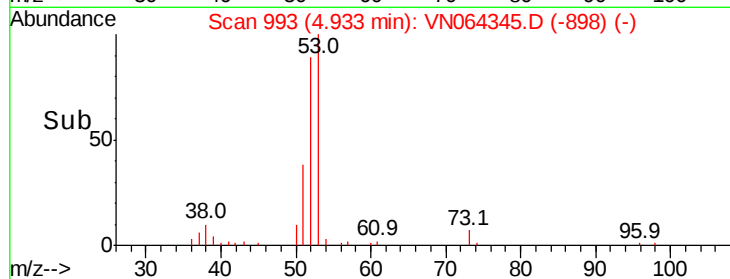
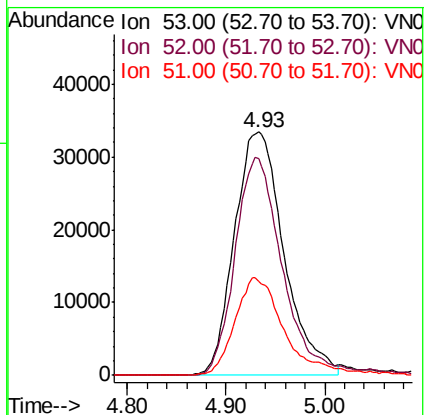
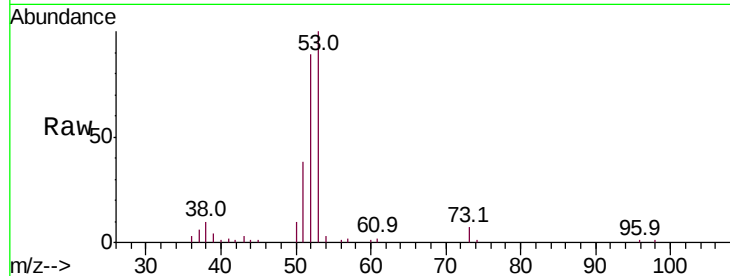
Tot Ion: 53 Resp: 116730

Ion Ratio Lower Upper

53 100

52 85.0 65.9 98.9

51 39.6 30.4 45.6



#16

Acetone

Concen: 91.148 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064345.D

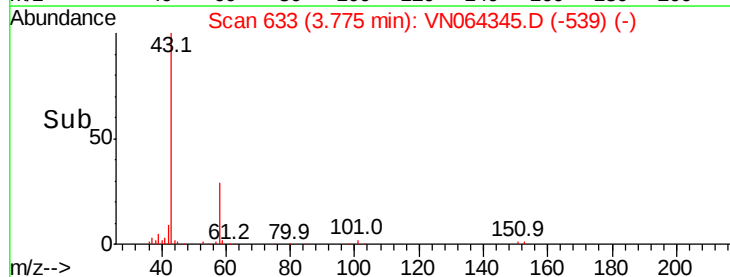
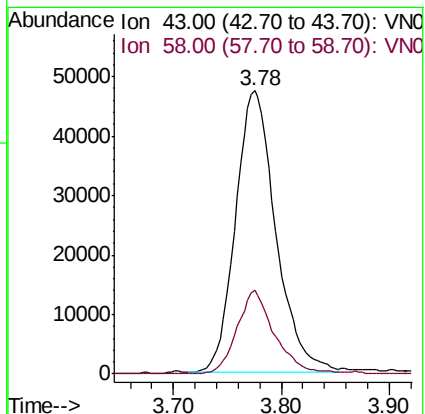
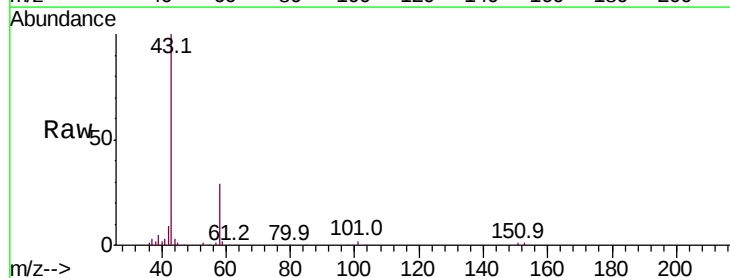
Acq: 28 Oct 2020 12:18

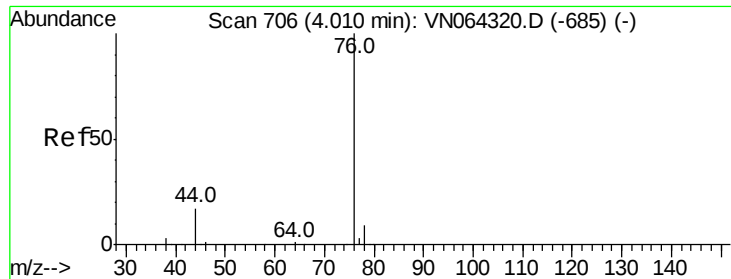
Tgt Ion: 43 Resp: 123519

Ion Ratio Lower Upper

43 100

58 29.6 22.1 33.1

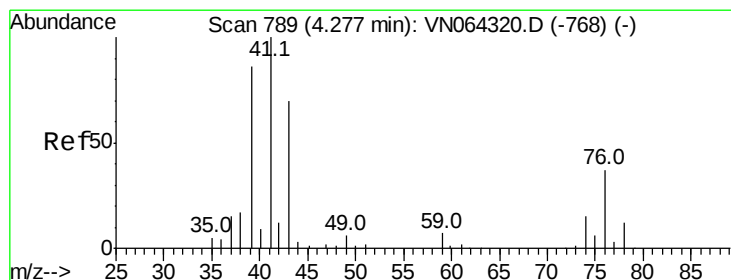
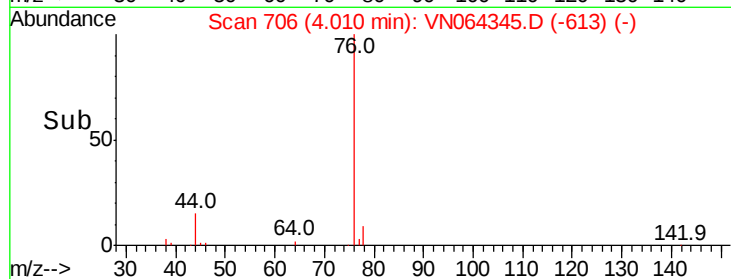
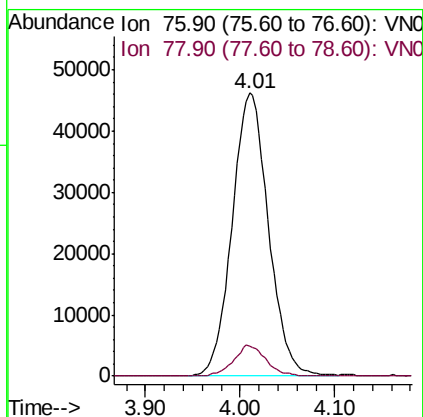
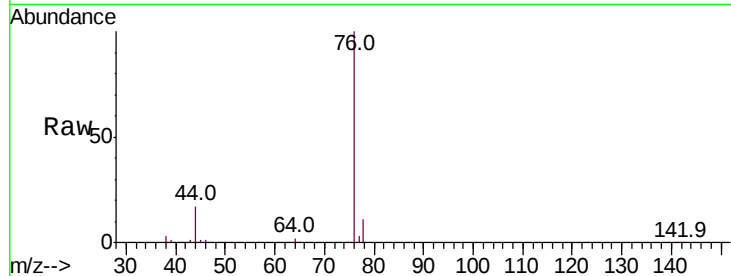




#17
Carbon Disulfide
Concen: 18.548 ug/l
RT: 4.01 min Scan# 706
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

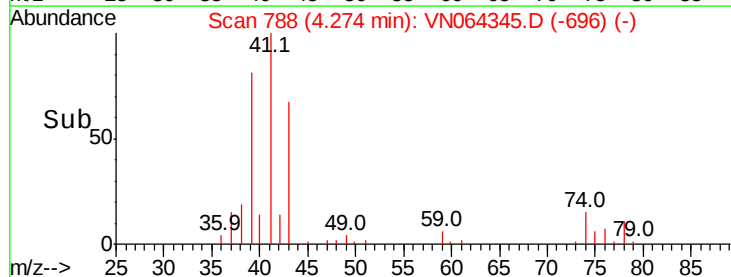
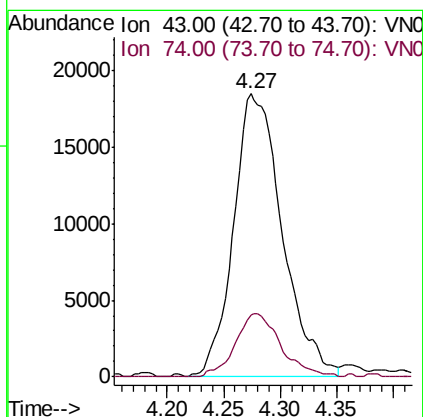
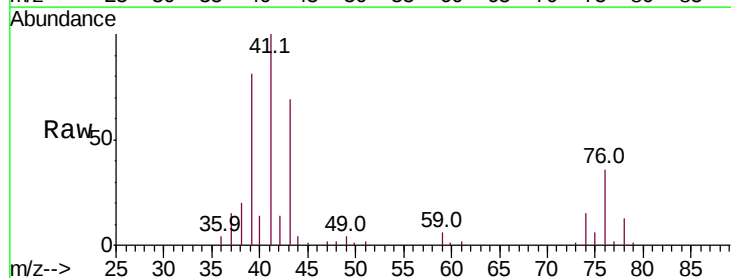
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

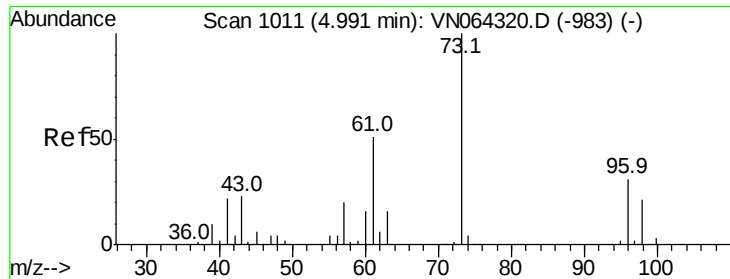
Tot Ion: 76 Resp: 123368
Ion Ratio Lower Upper
76 100
78 10.5 7.3 10.9



#18
Methyl Acetate
Concen: 19.503 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 43 Resp: 55399
Ion Ratio Lower Upper
43 100
74 20.9 16.7 25.1

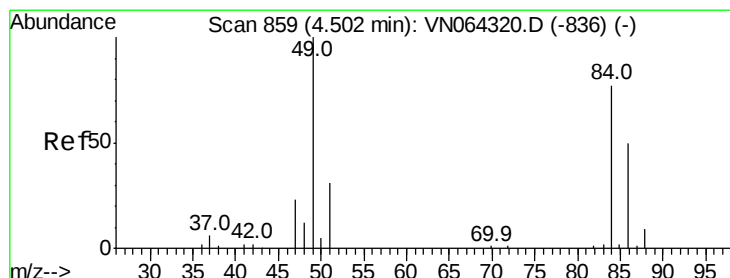
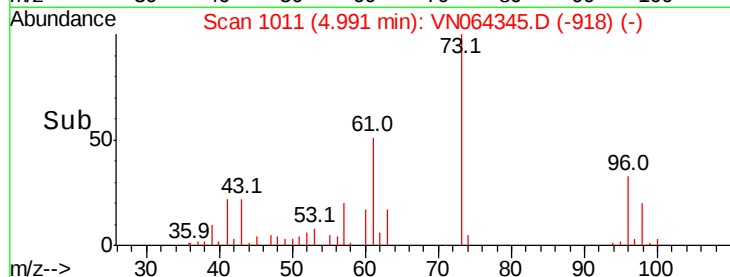
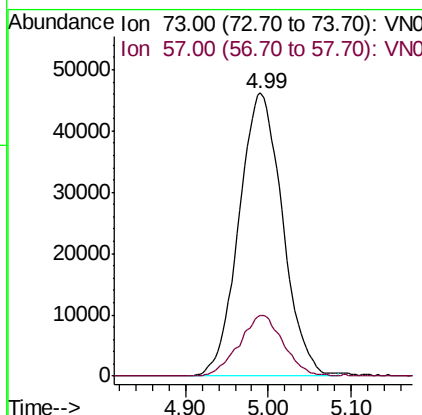
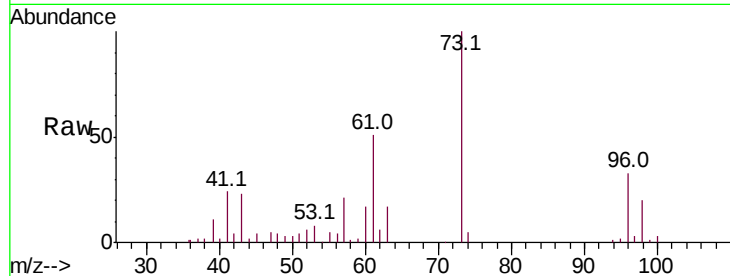




#19
Methyl tert-butyl Ether
Concen: 19.563 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

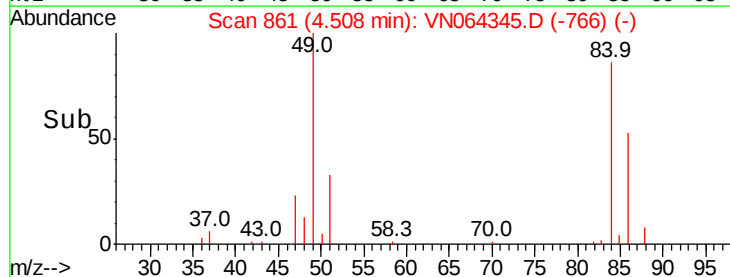
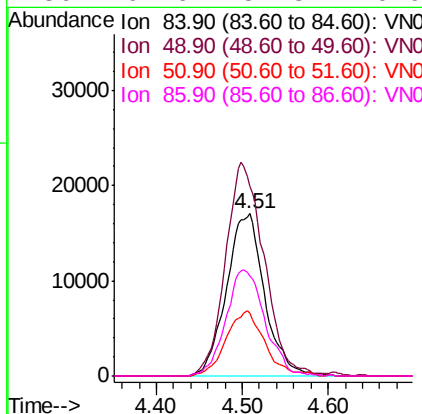
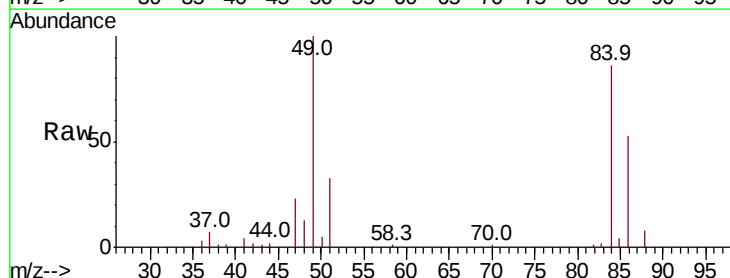
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

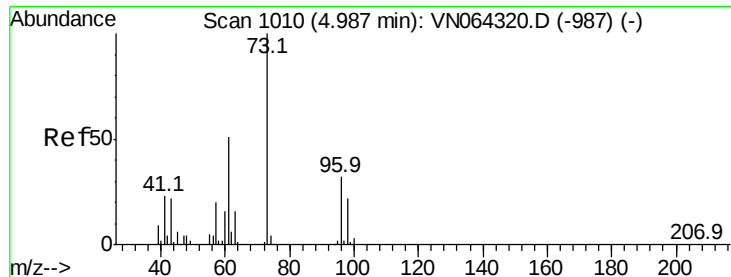
Tot Ion: 73 Resp: 168972
Ion Ratio Lower Upper
73 100
57 21.5 16.1 24.1



#20
Methylene Chloride
Concen: 19.618 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 84 Resp: 52609
Ion Ratio Lower Upper
84 100
49 117.0 103.6 155.4
51 38.5 31.8 47.8
86 61.6 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 19.902 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

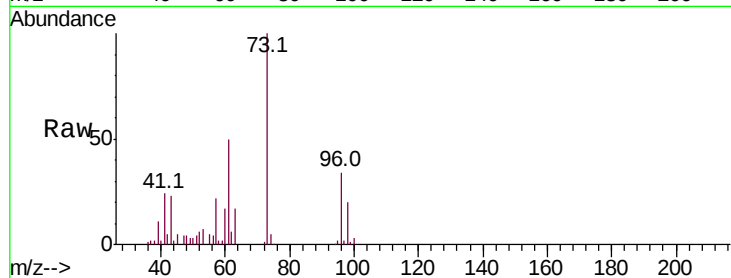
Tot Ion: 96 Resp: 49909

Ion Ratio Lower Upper

96 100

61 148.0 128.2 192.2

98 57.5 56.1 84.1

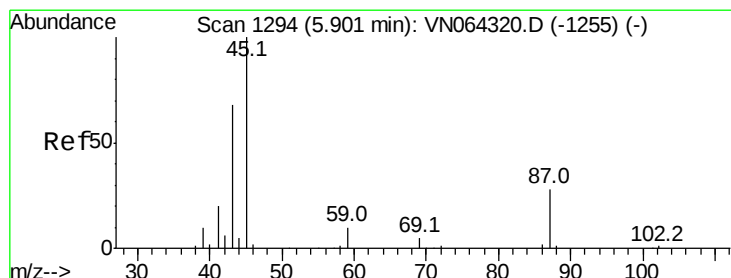
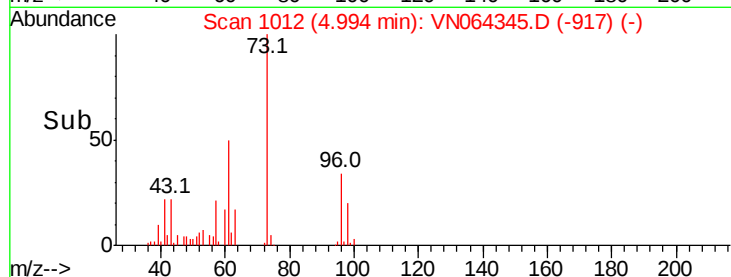
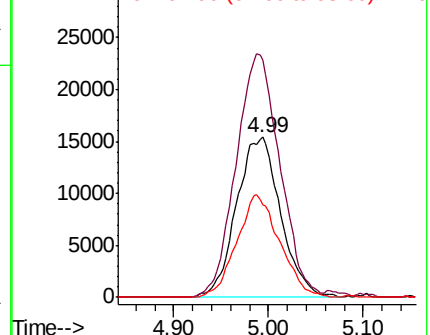


Abundance

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: 19.897 ug/l

RT: 5.90 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion: 45 Resp: 178516

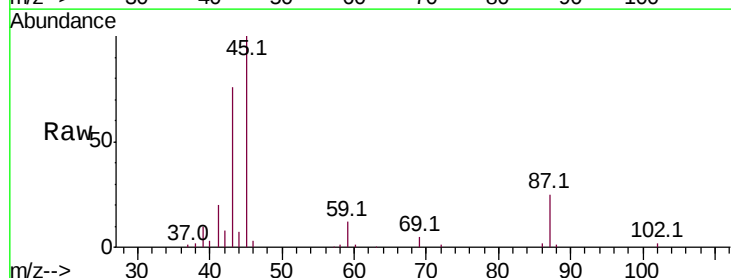
Ion Ratio Lower Upper

45 100

43 73.0 54.6 82.0

87 25.2 22.6 33.8

59 11.9 8.6 12.8



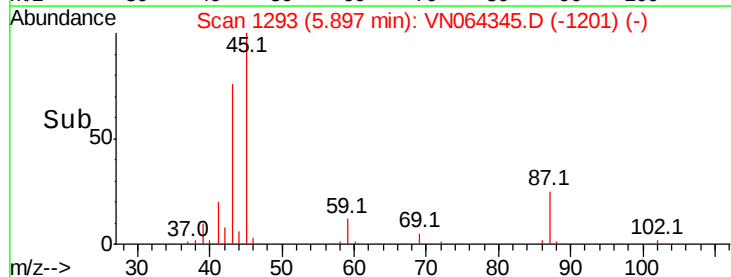
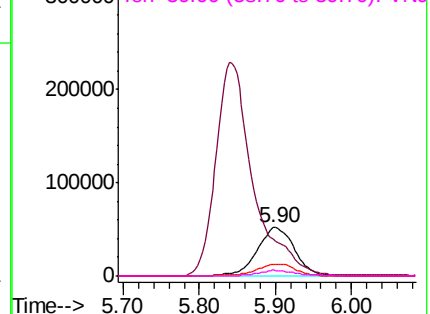
Abundance

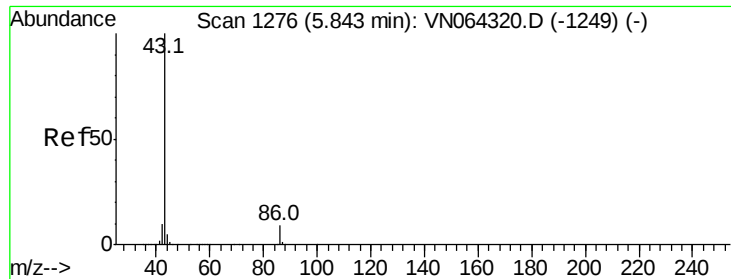
Ion 45.00 (44.70 to 45.70): VN0

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

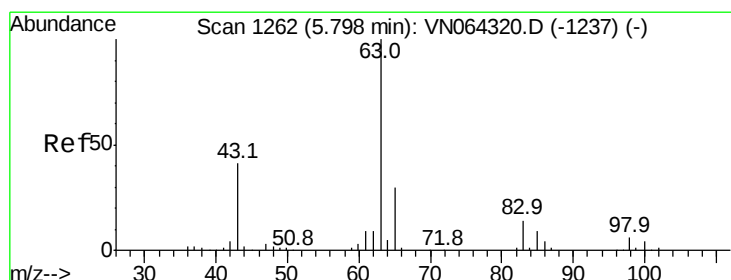
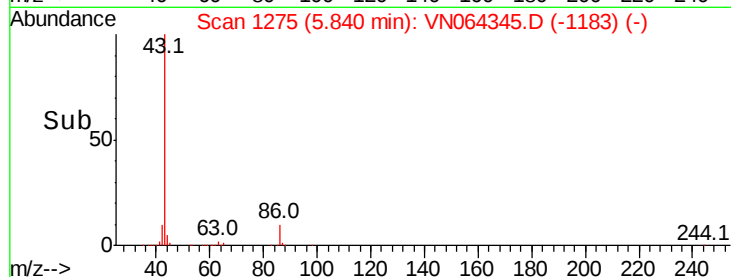
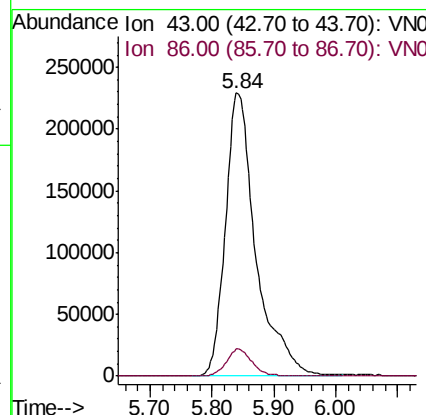
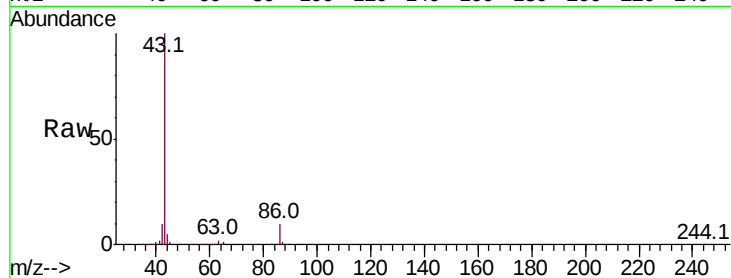




#23
 Vinyl Acetate
 Concen: 103.630 ug/l
 RT: 5.84 min Scan# 1275
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

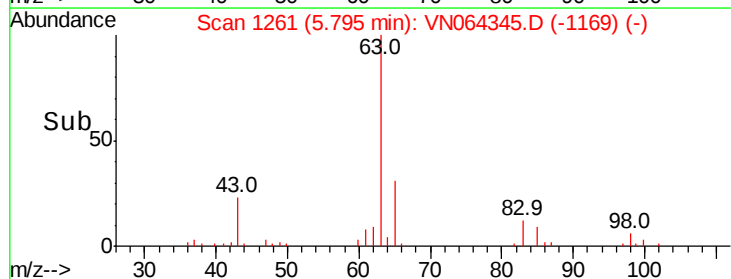
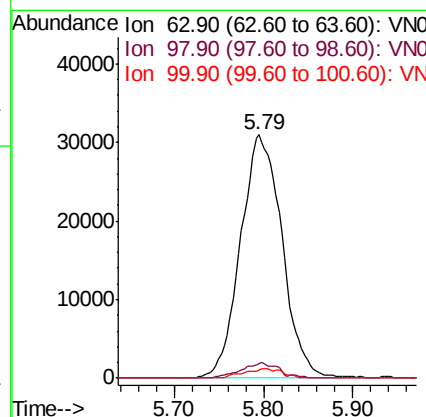
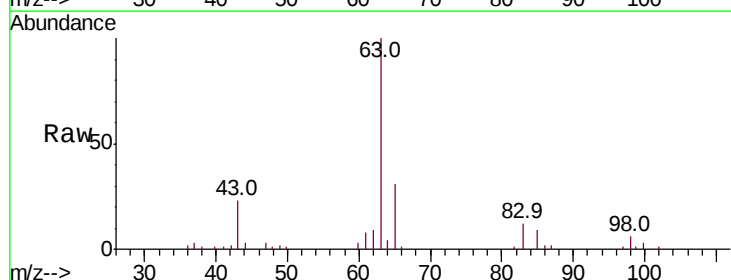
Instrument :
 MSVOA_N
 ClientSampled :
 VN1028WBS01

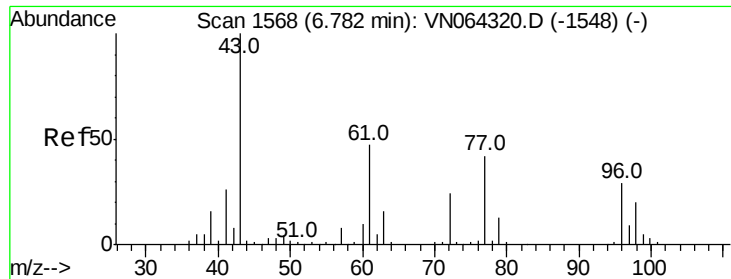
Tot Ion: 43 Resp: 786615
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 19.874 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion: 63 Resp: 99775
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.1 9.4
 100 3.4 2.0 5.8





#25

2-Butanone

Concen: 96.565 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

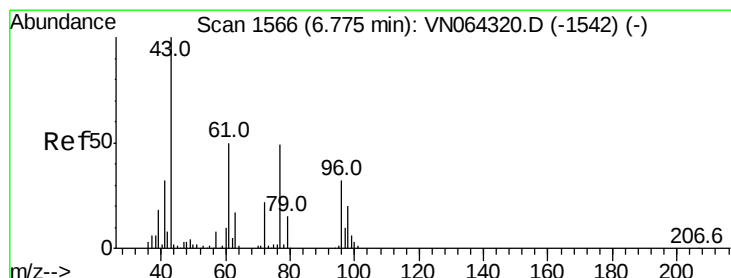
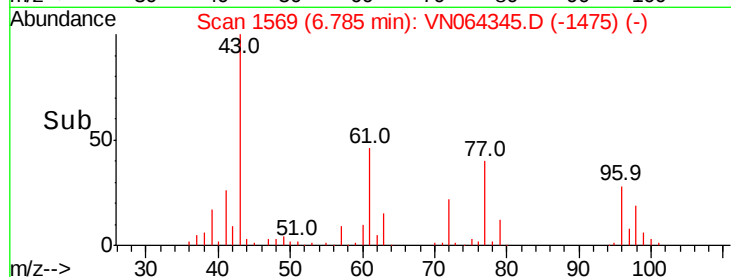
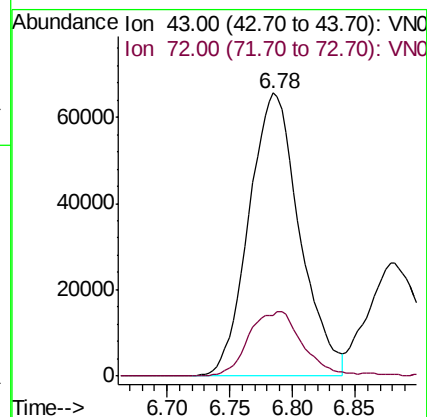
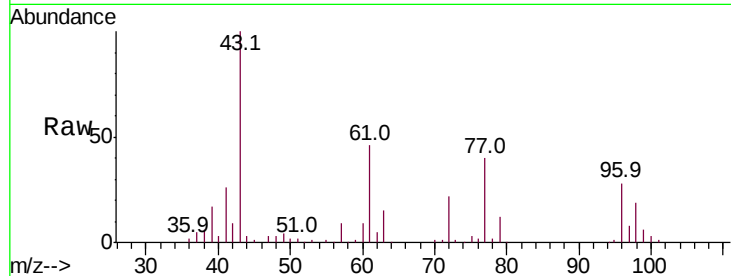
VN1028WBS01

Tot Ion: 43 Resp: 183335

Ion Ratio Lower Upper

43 100

72 21.6 18.8 28.2



#26

2,2-Dichloropropane

Concen: 19.213 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064345.D

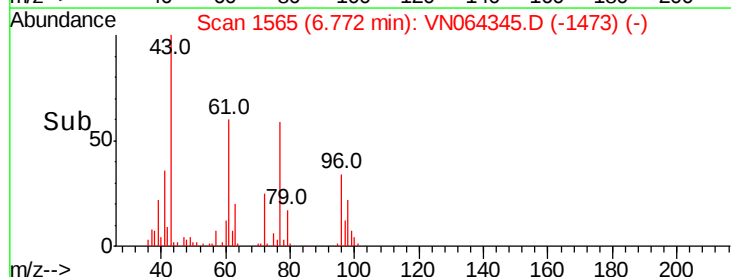
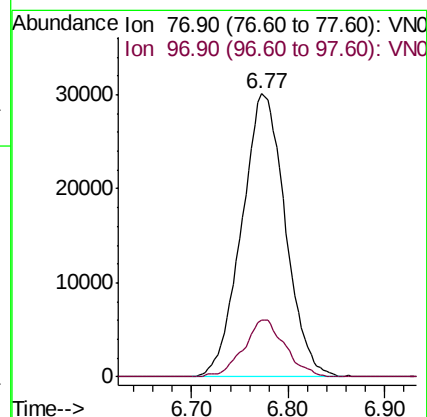
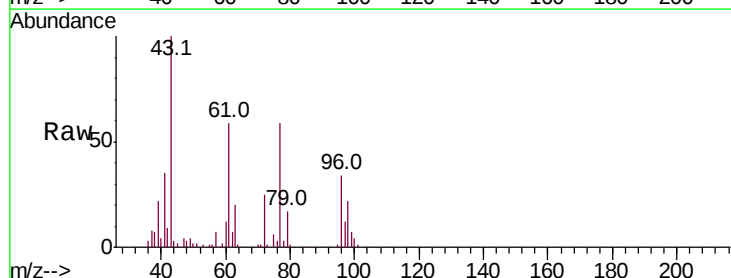
Acq: 28 Oct 2020 12:18

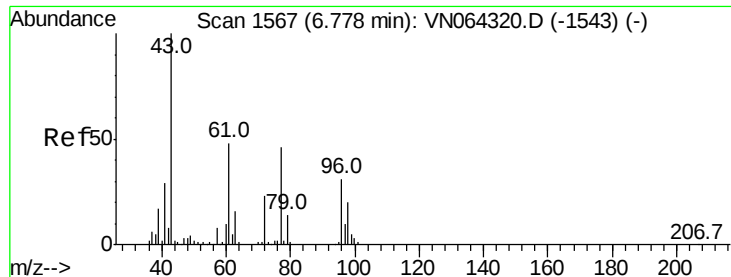
Tgt Ion: 77 Resp: 94404

Ion Ratio Lower Upper

77 100

97 19.2 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 19.593 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

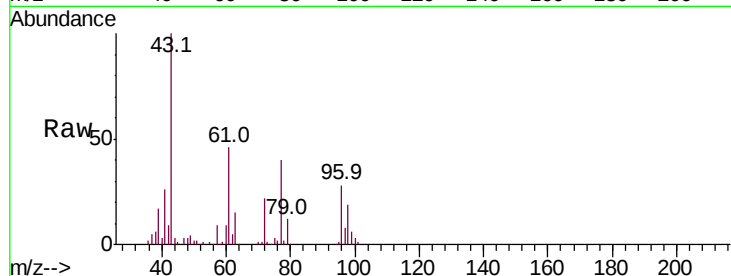
Tot Ion: 96 Resp: 56232

Ion Ratio Lower Upper

96 100

61 169.4 0.0 325.0

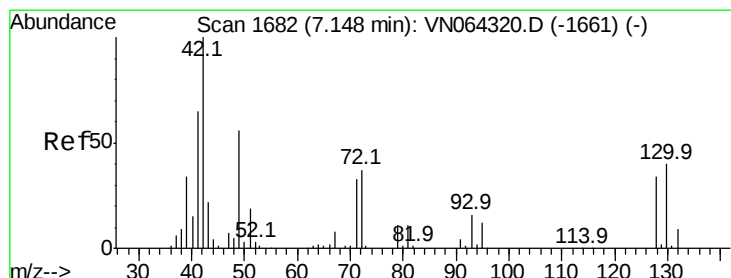
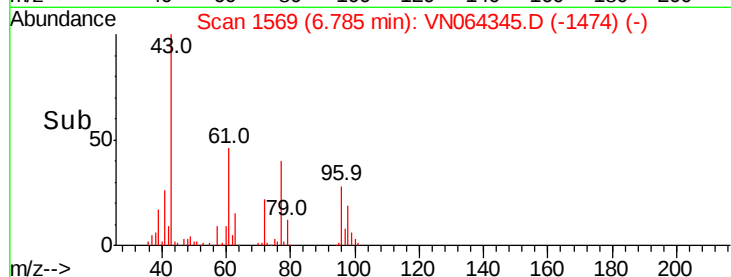
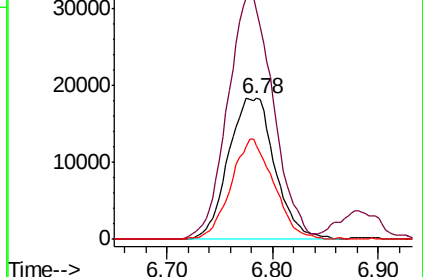
98 65.4 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064320.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064320.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064320.D (-1543) (-)



#28

Bromochloromethane

Concen: 19.993 ug/l

RT: 7.15 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

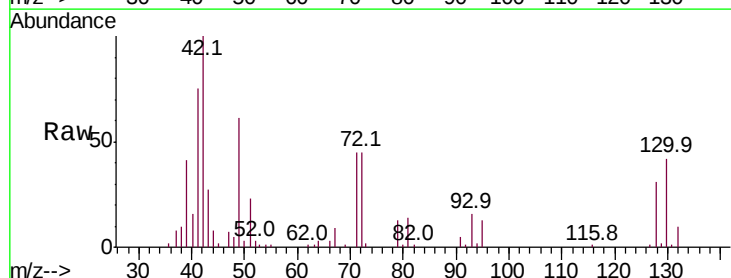
Tgt Ion: 49 Resp: 47823

Ion Ratio Lower Upper

49 100

129 0.6 0.0 2.8

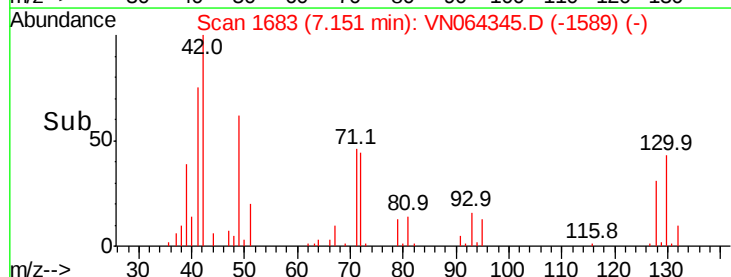
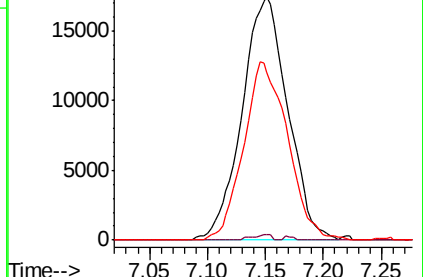
130 70.6 56.2 84.2

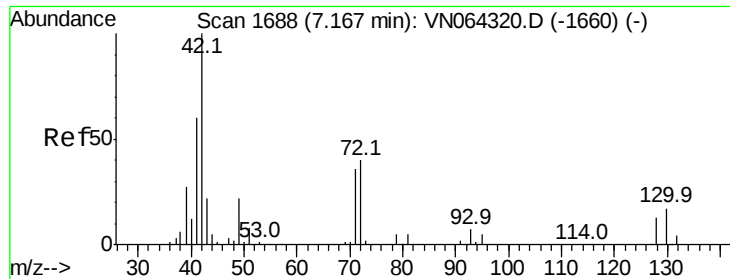


Abundance Ion 48.90 (48.60 to 49.60): VN064320.D (-1661) (-)

Ion 128.80 (128.50 to 129.50): VN064320.D (-1661) (-)

Ion 129.80 (129.50 to 130.50): VN064320.D (-1661) (-)





#29

Tetrahydrofuran

Concen: 100.497 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VN1028WBS01

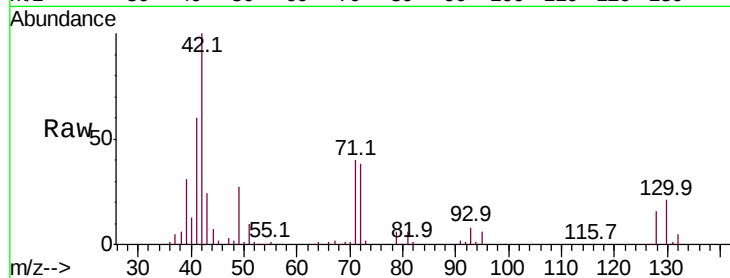
Tot Ion: 42 Resp: 123867

Ion Ratio Lower Upper

42 100

72 39.5 31.6 47.4

71 38.0 29.4 44.0

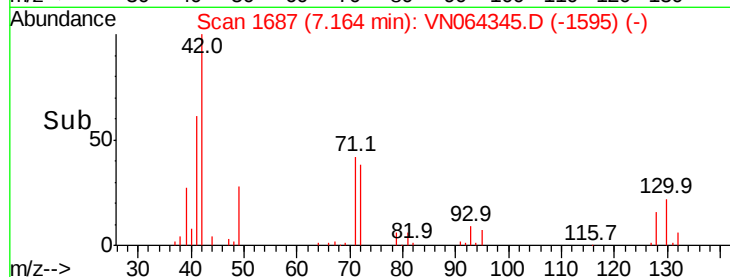


Abundance Ion 42.00 (41.70 to 42.70): VN064320.D (-1660) (-)

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

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

Time-->

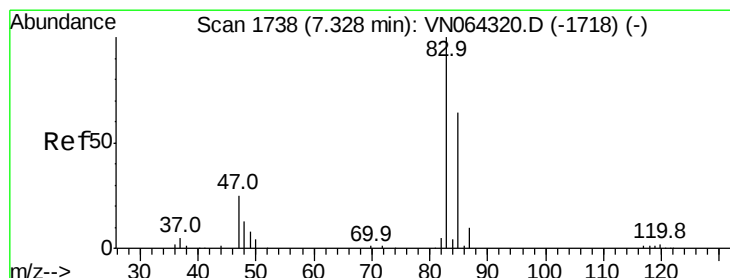


Abundance Ion 42.00 (41.70 to 42.70): VN064345.D (-1595) (-)

Ion 72.00 (71.70 to 72.70): VN064345.D (-1595) (-)

Ion 71.00 (70.70 to 71.70): VN064345.D (-1595) (-)

Time-->



#30

Chloroform

Concen: 19.495 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN064345.D

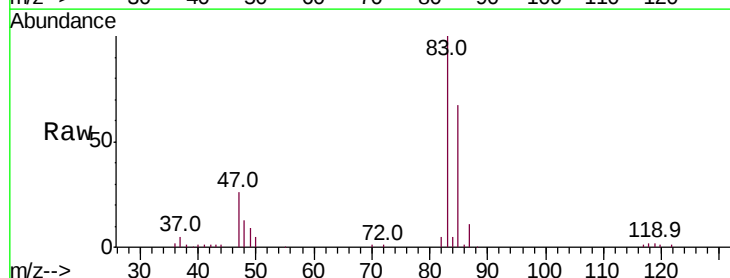
Acq: 28 Oct 2020 12:18

Tgt Ion: 83 Resp: 104469

Ion Ratio Lower Upper

83 100

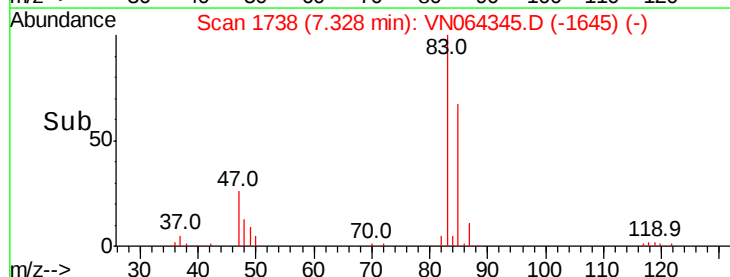
85 66.7 51.1 76.7



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

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

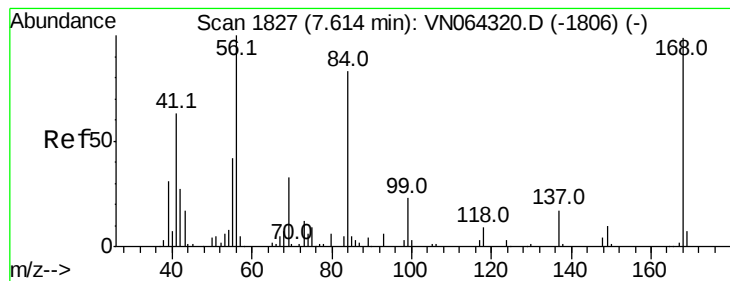
Time-->



Abundance Ion 82.90 (82.60 to 83.60): VN064345.D (-1645) (-)

Ion 84.90 (84.60 to 85.60): VN064345.D (-1645) (-)

Time-->



#31

Cyclohexane

Concen: 19.161 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

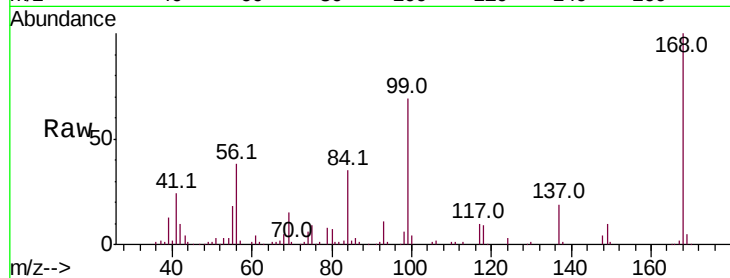
Tot Ion: 56 Resp: 84088

Ion Ratio Lower Upper

56 100

69 40.1 25.8 38.8#

84 89.8 66.3 99.5

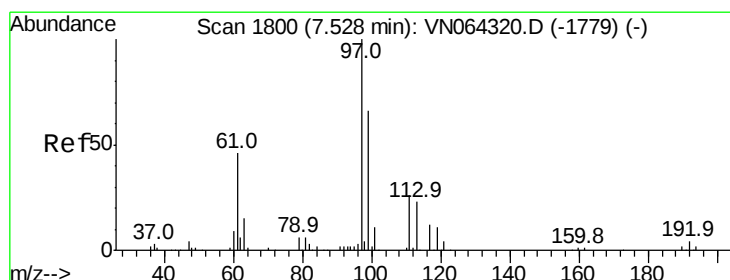
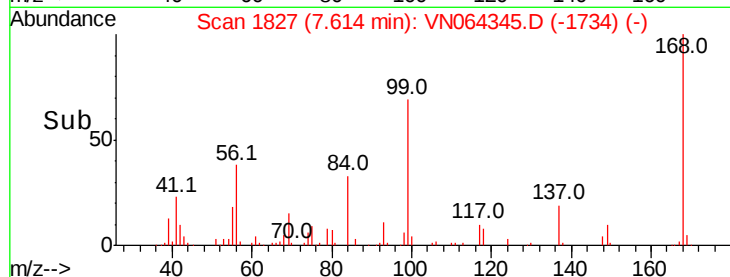
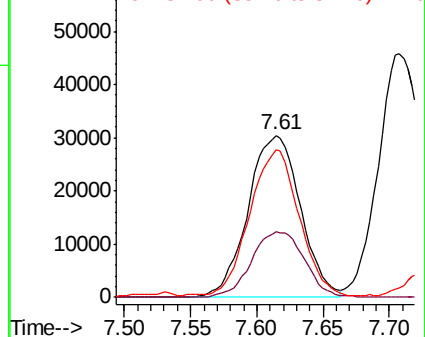


Abundance

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: 19.559 ug/l

RT: 7.53 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

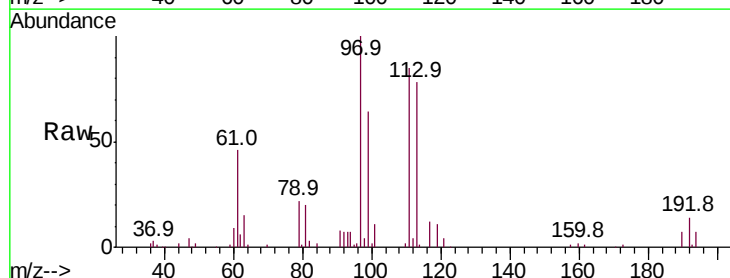
Tgt Ion: 97 Resp: 100649

Ion Ratio Lower Upper

97 100

99 64.8 50.6 76.0

61 45.6 35.8 53.6

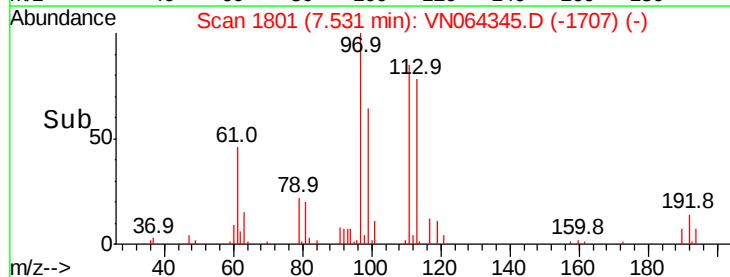
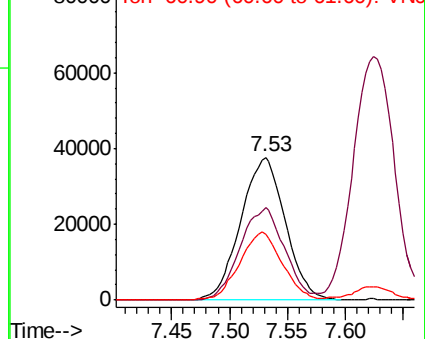


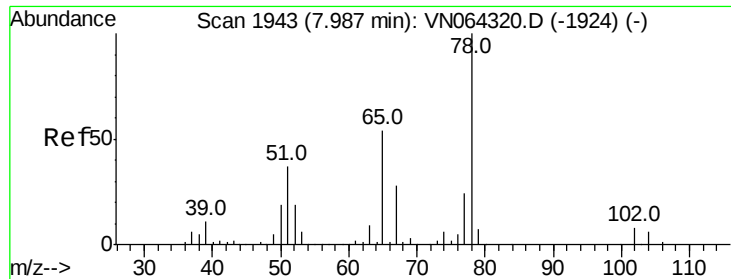
Abundance

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: 52.929 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

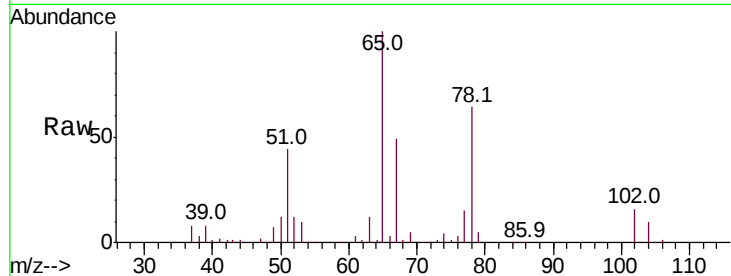
VN1028WBS01

Tot Ion: 65 Resp: 200138

Ion Ratio Lower Upper

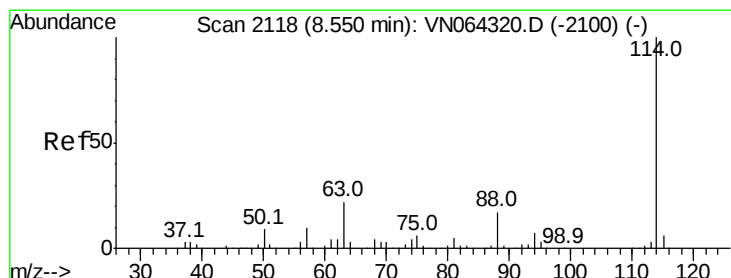
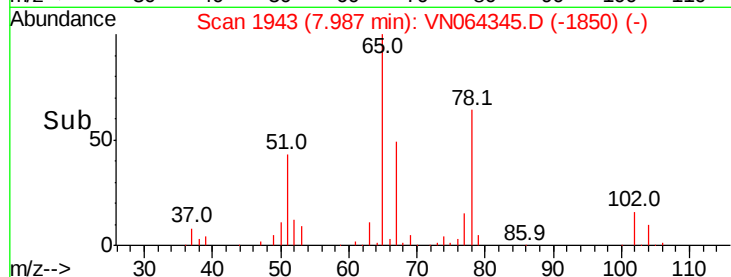
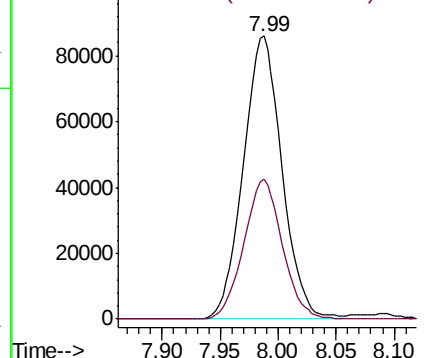
65 100

67 49.0 0.0 99.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

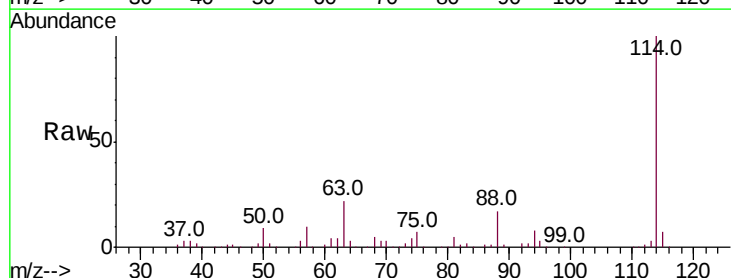
Tgt Ion: 114 Resp: 392949

Ion Ratio Lower Upper

114 100

63 22.3 0.0 44.6

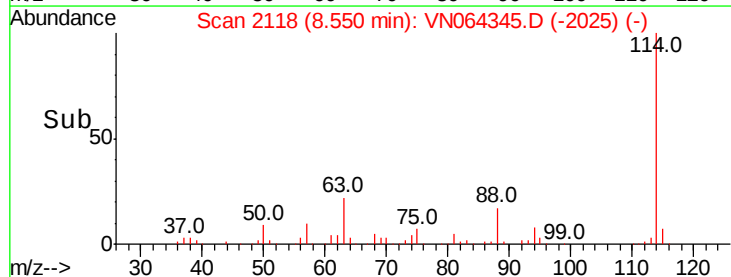
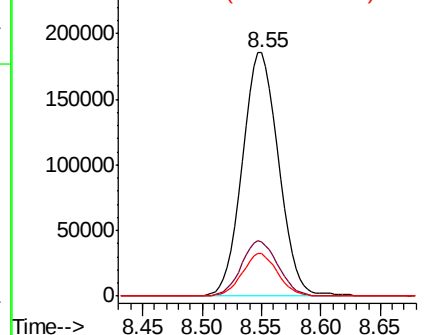
88 17.4 0.0 33.4

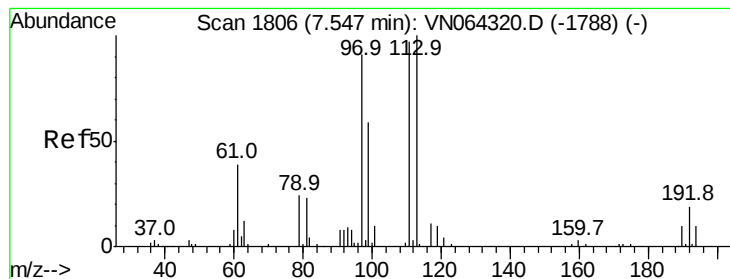


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 51.025 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

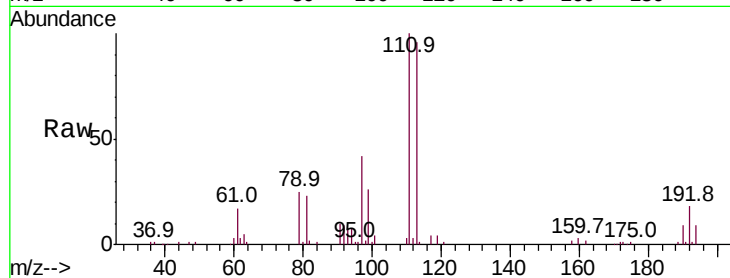
Tot Ion:113 Resp: 133711

Ion Ratio Lower Upper

113 100

111 104.2 81.5 122.3

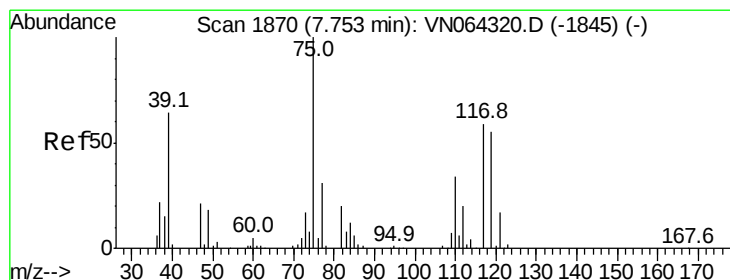
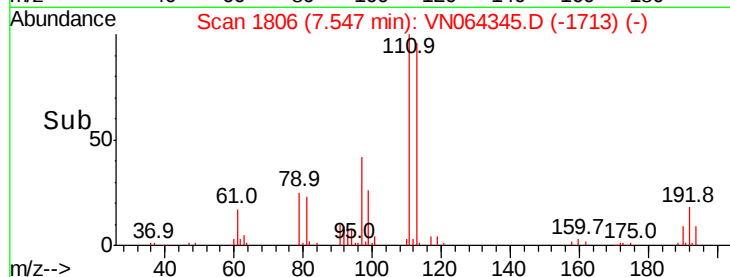
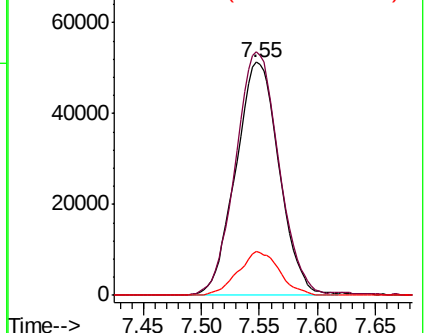
192 18.0 15.0 22.4



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: 19.449 ug/l

RT: 7.75 min Scan# 1870

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

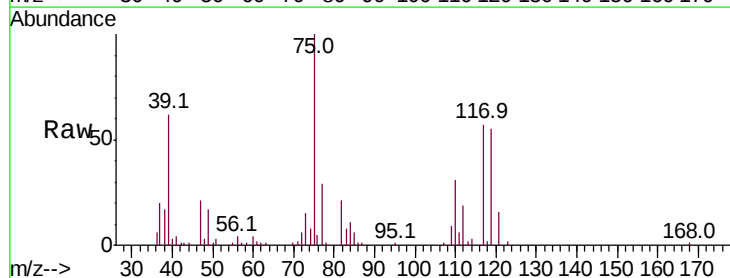
Tgt Ion: 75 Resp: 77128

Ion Ratio Lower Upper

75 100

110 32.7 16.8 50.3

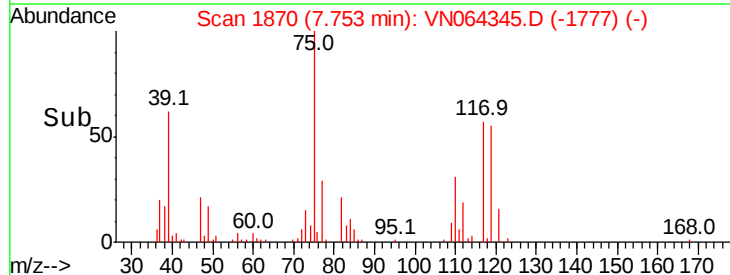
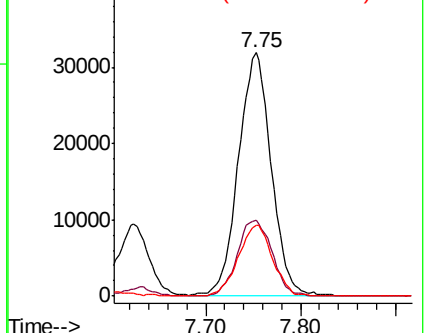
77 29.9 24.2 36.4

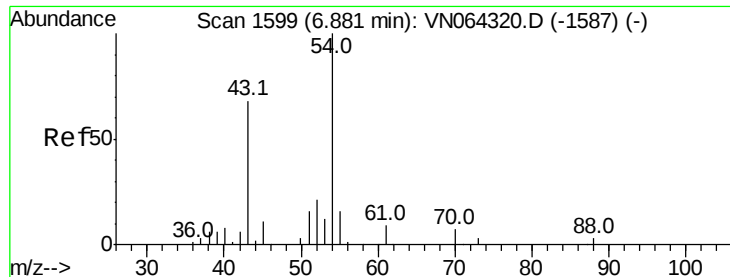


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0





#37

Ethyl Acetate

Concen: 19.316 ug/l

RT: 6.88 min Scan# 1599

Delta R.T. 0.00 min

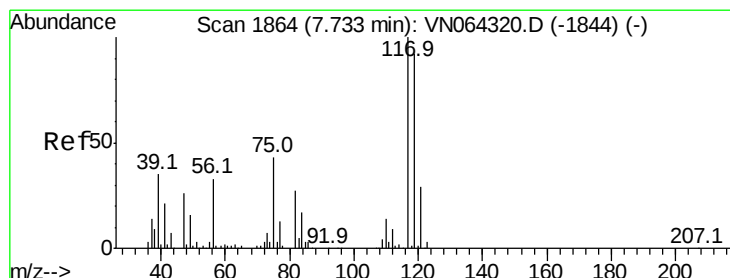
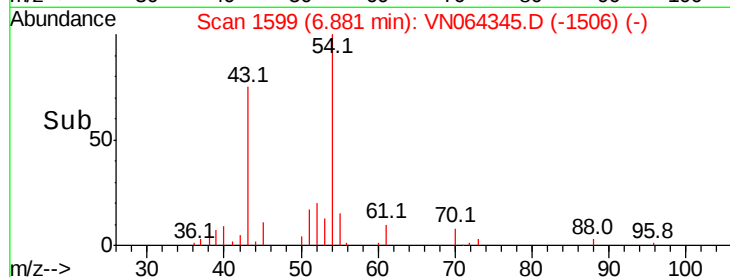
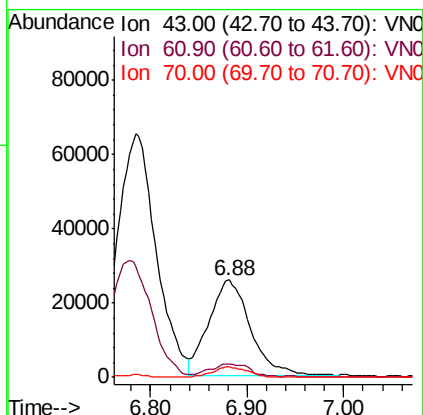
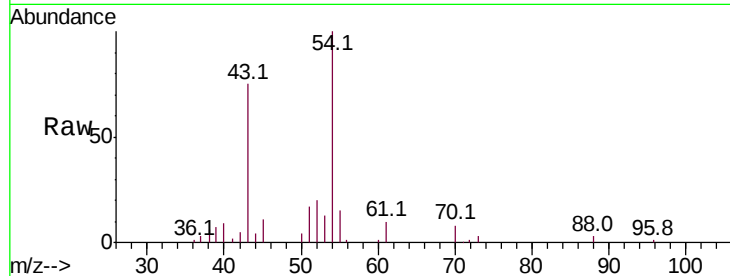
Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion: 43 Resp: 77377

Ion	Ratio	Lower	Upper
43	100		
61	12.6	10.0	15.0
70	9.2	7.1	10.7



#38

Carbon Tetrachloride

Concen: 19.750 ug/l

RT: 7.73 min Scan# 1864

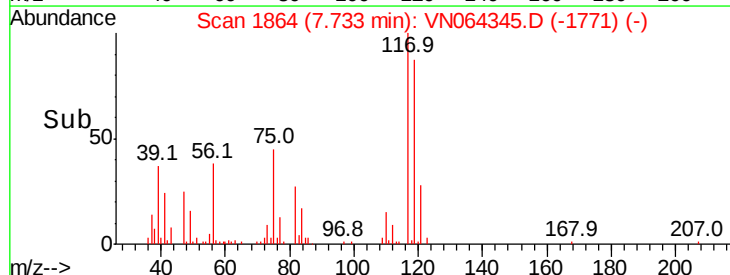
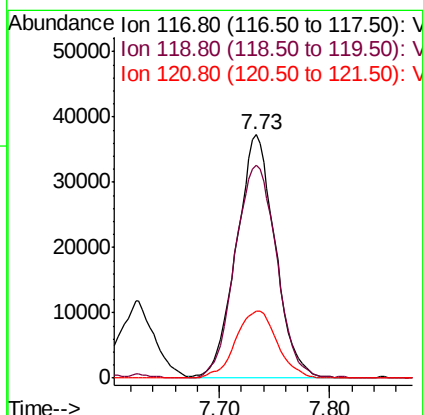
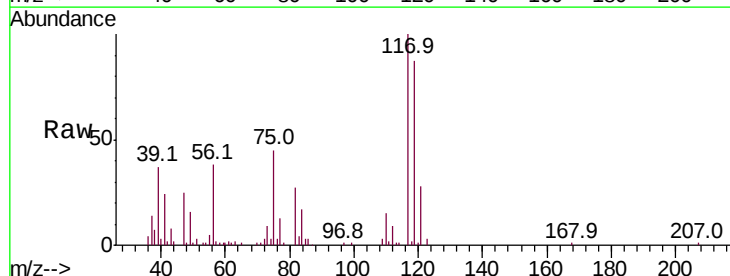
Delta R.T. 0.00 min

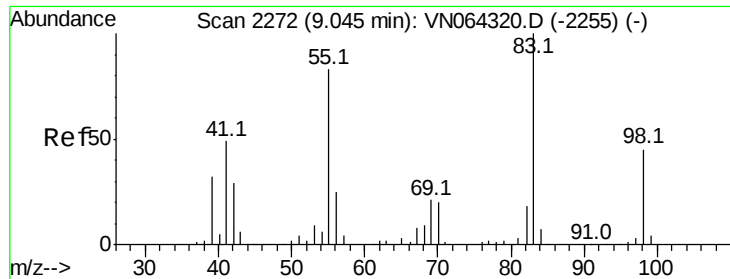
Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion: 117 Resp: 90805

Ion	Ratio	Lower	Upper
117	100		
119	87.5	73.7	110.5
121	27.5	22.8	34.2

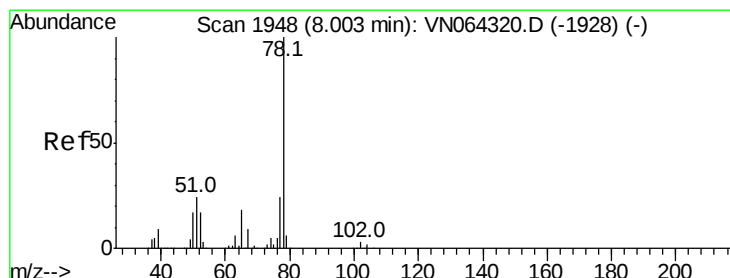
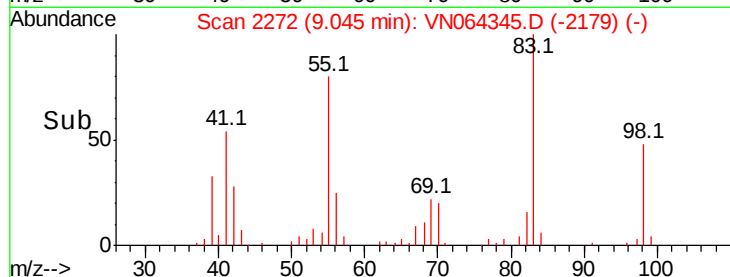
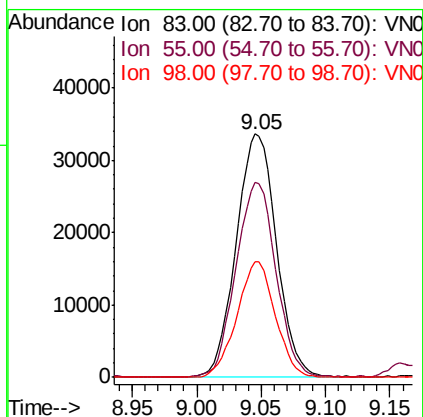
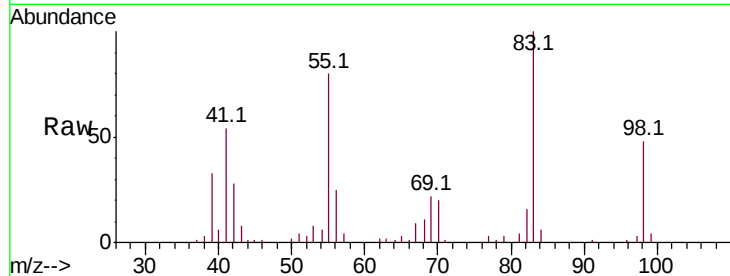




#39
Methvlcvclohexane
Concen: 18.619 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

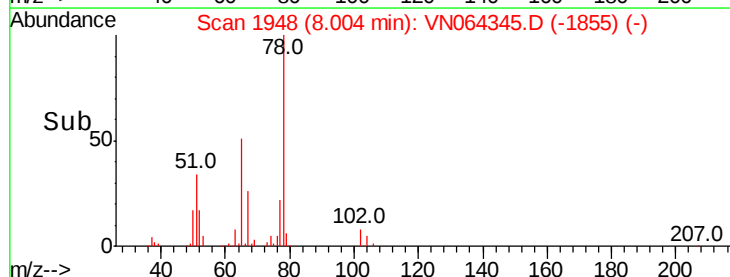
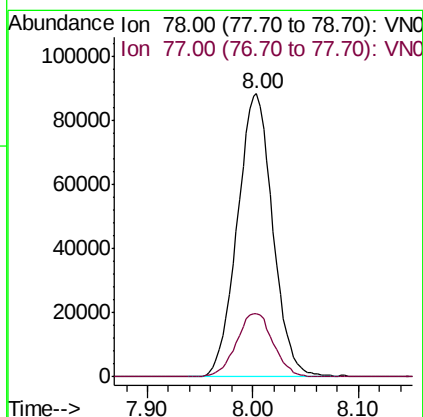
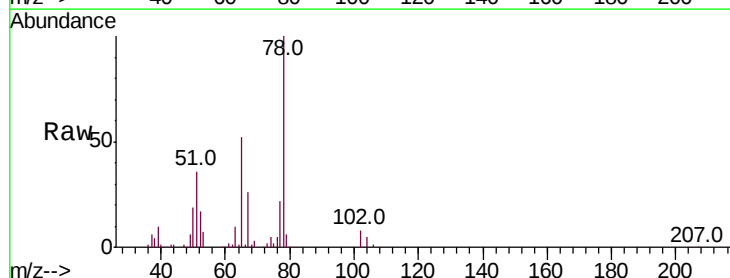
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

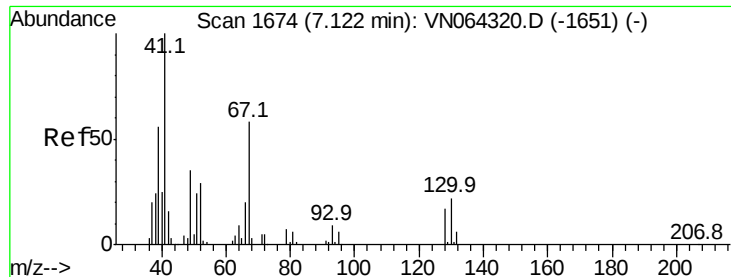
Tot Ion: 83 Resp: 73214
Ion Ratio Lower Upper
83 100
55 79.9 66.2 99.4
98 47.7 36.0 54.0



#40
Benzene
Concen: 18.688 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 78 Resp: 206295
Ion Ratio Lower Upper
78 100
77 22.5 18.8 28.2

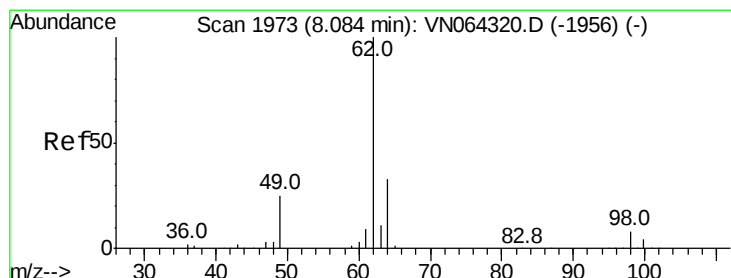
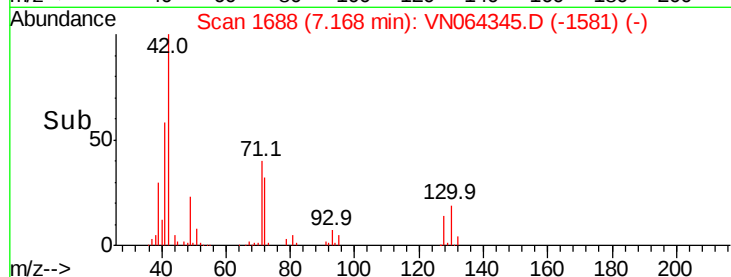
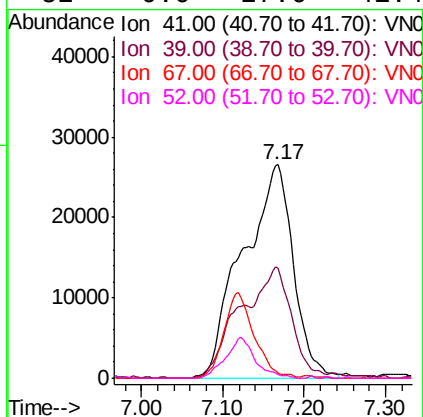
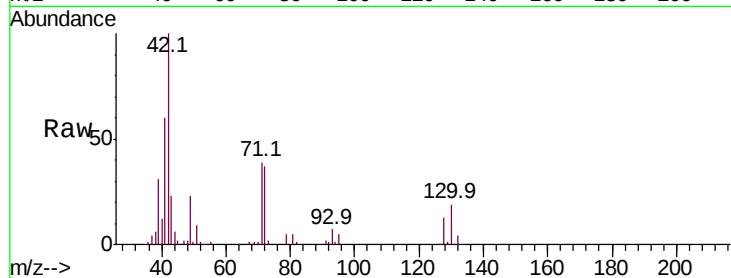




#41
Methacrylonitrile
Concen: 57.757 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. 0.05 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

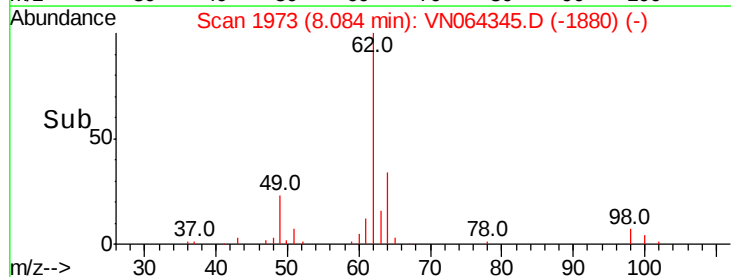
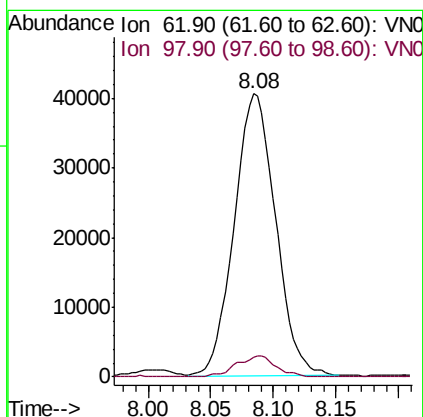
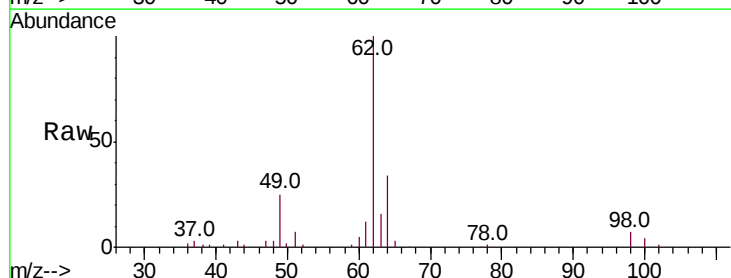
Instrument :
MSVOA_N
ClientSampled :
VN1028WBS01

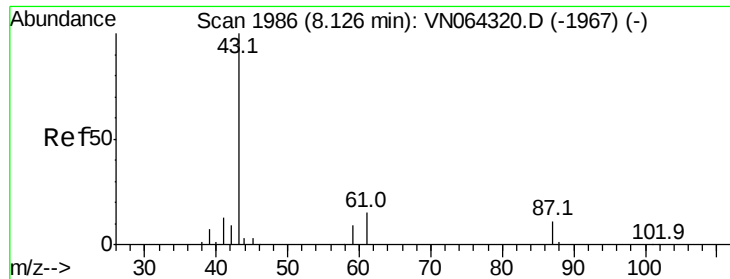
Tot Ion: 41 Resp: 114850
Ion Ratio Lower Upper
41 100
39 0.0 48.6 72.8#
67 0.0 61.4 92.2#
52 0.0 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 19.480 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 62 Resp: 92888
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.2





#43

Isopropyl Acetate

Concen: 19.168 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

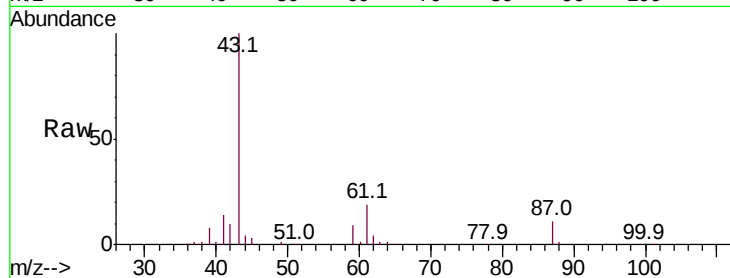
Tot Ion: 43 Resp: 131253

Ion Ratio Lower Upper

43 100

61 16.8 19.1 28.7#

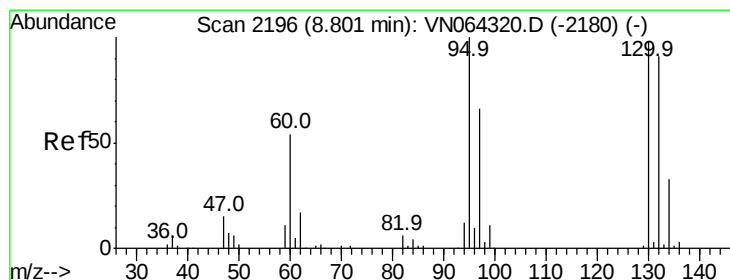
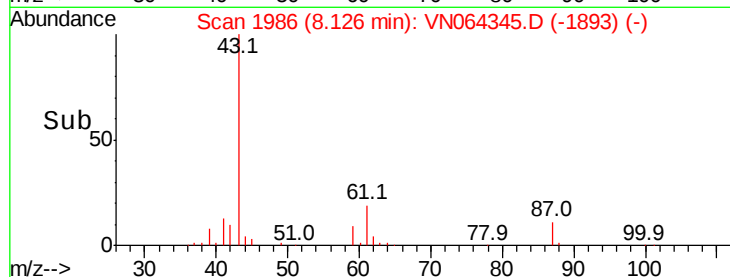
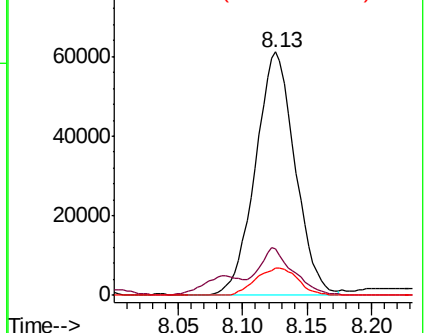
87 12.0 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#44

Trichloroethene

Concen: 19.772 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064345.D

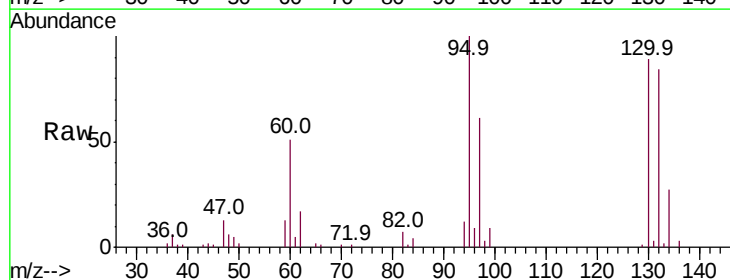
Acq: 28 Oct 2020 12:18

Tgt Ion:130 Resp: 57176

Ion Ratio Lower Upper

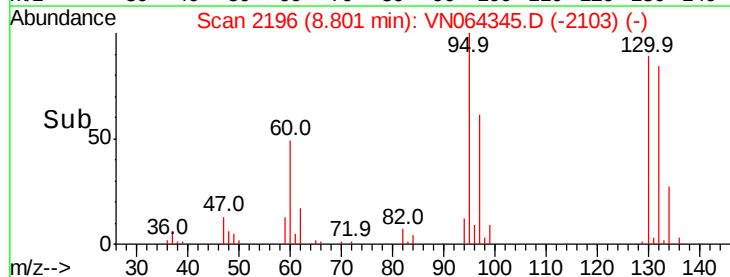
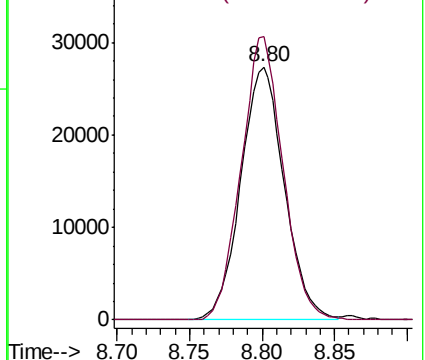
130 100

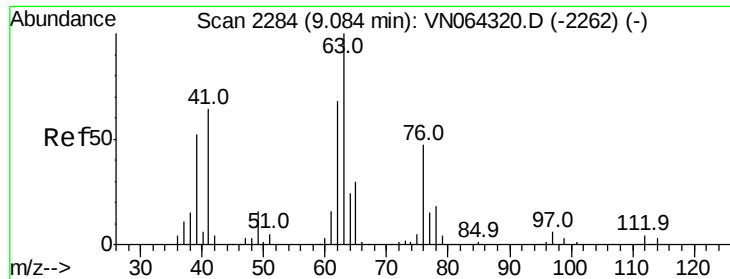
95 111.9 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0

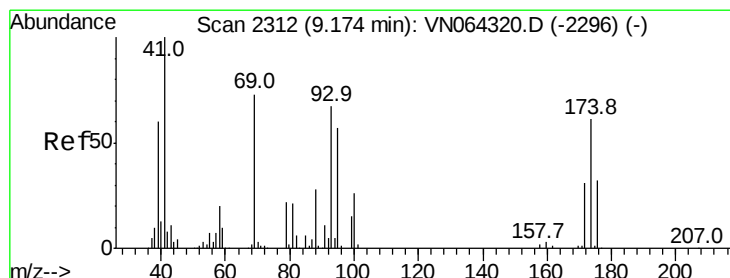
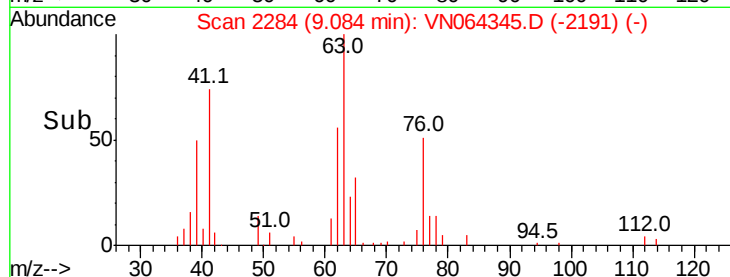
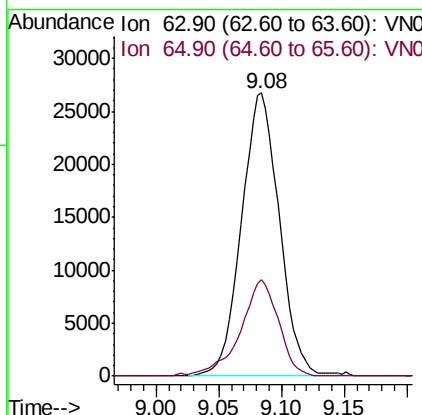
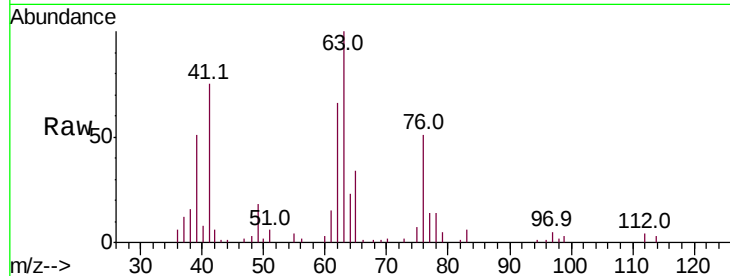




#45
 1,2-Dichloropropane
 Concen: 19.002 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

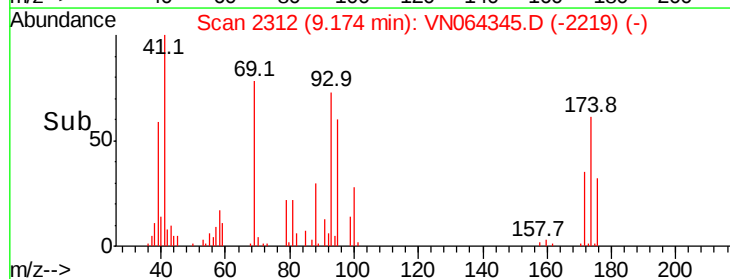
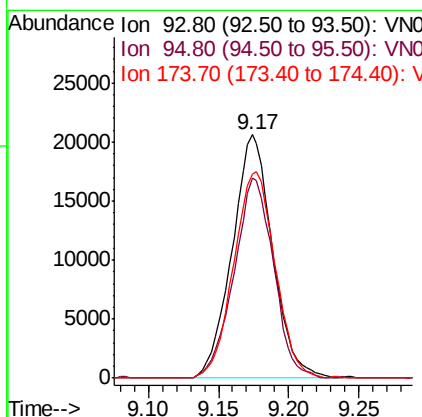
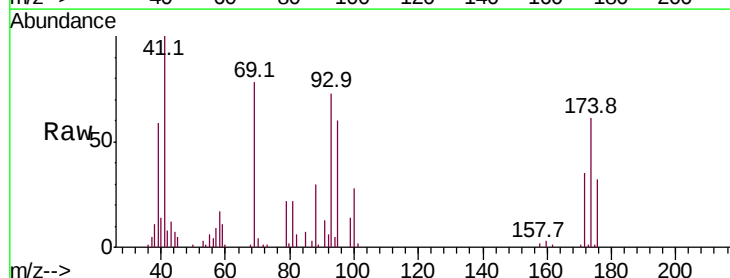
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

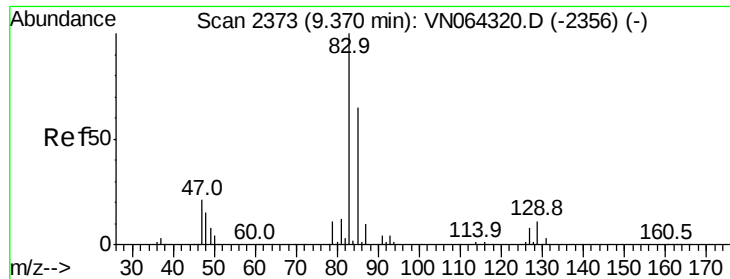
Tot Ion: 63 Resp: 56170
 Ion Ratio Lower Upper
 63 100
 65 33.9 24.3 36.5



#46
 Dibromomethane
 Concen: 19.986 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion: 93 Resp: 41330
 Ion Ratio Lower Upper
 93 100
 95 80.2 64.4 96.6
 174 86.9 71.4 107.0





#47

Bromodichloromethane

Concen: 18.480 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

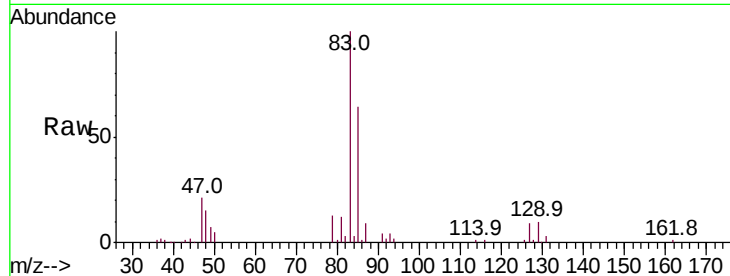
Tot Ion: 83 Resp: 84692

Ion Ratio Lower Upper

83 100

85 63.5 52.1 78.1

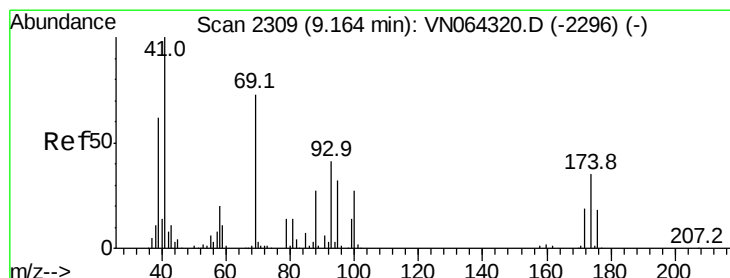
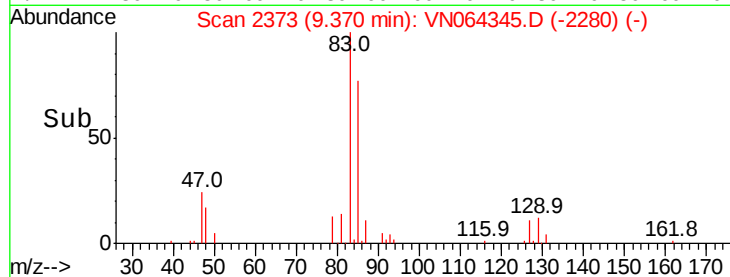
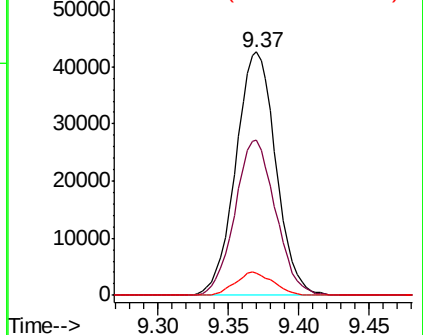
127 9.2 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-2356) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-2356) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2356) (-)



#48

Methyl methacrylate

Concen: 18.624 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

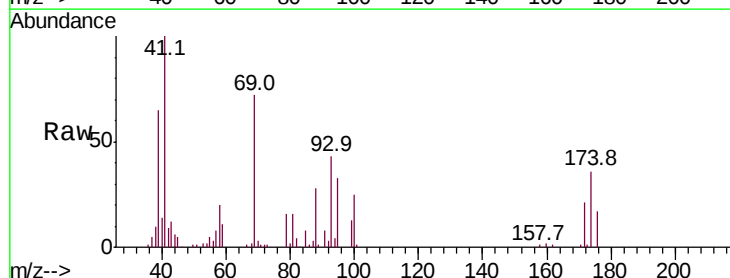
Tgt Ion: 41 Resp: 65796

Ion Ratio Lower Upper

41 100

69 75.4 59.1 88.7

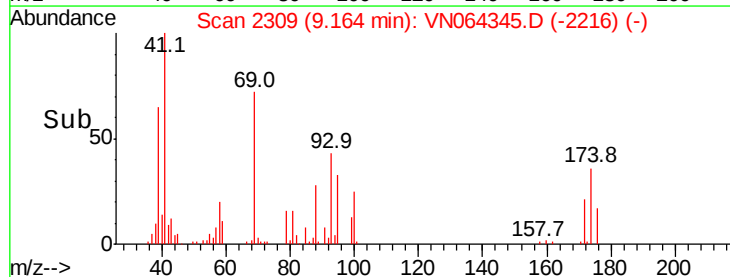
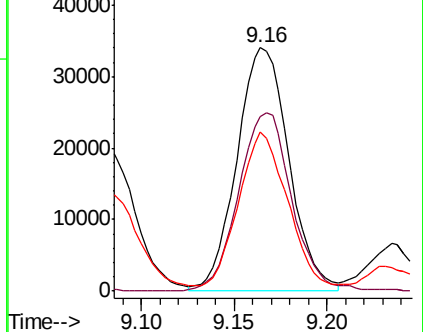
39 62.4 51.3 76.9

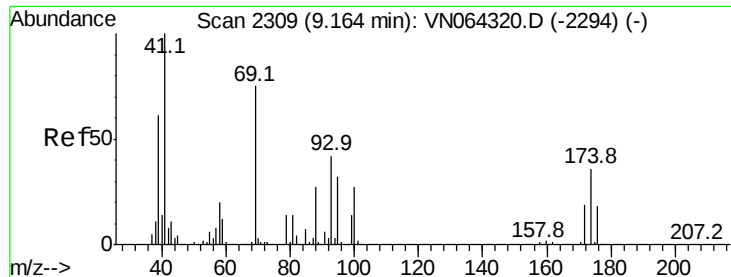


Abundance Ion 41.00 (40.70 to 41.70): VN064320.D (-2296) (-)

Ion 69.00 (68.70 to 69.70): VN064320.D (-2296) (-)

Ion 39.00 (38.70 to 39.70): VN064320.D (-2296) (-)





#49

1,4-Dioxane

Concen: 390.604 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

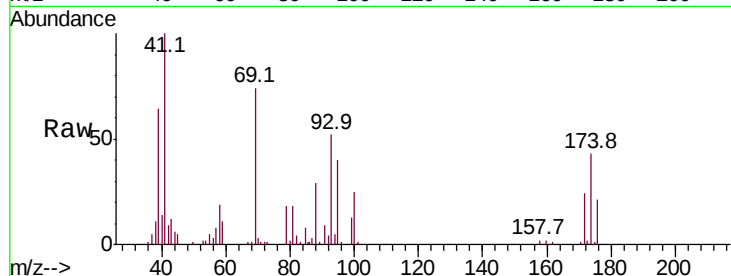
Tot Ion: 88 Resp: 20340

Ion Ratio Lower Upper

88 100

43 40.3 31.8 47.8

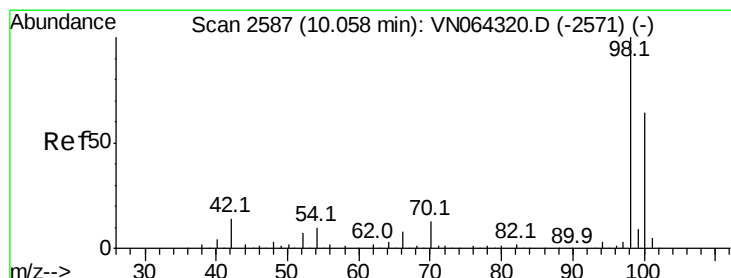
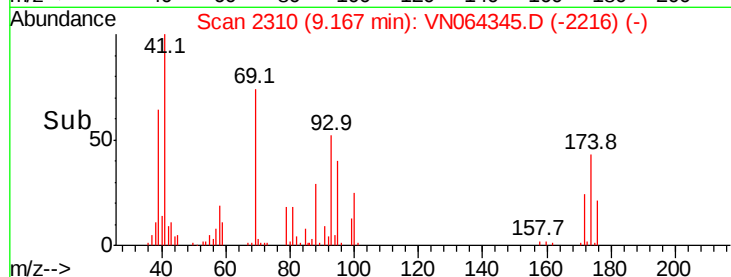
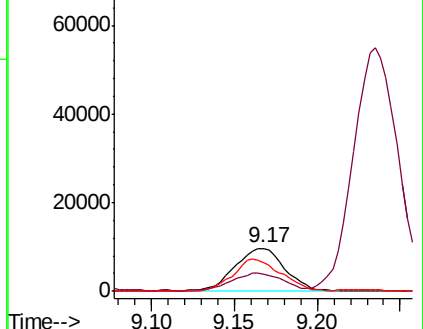
58 71.5 60.3 90.5



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: 49.272 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064345.D

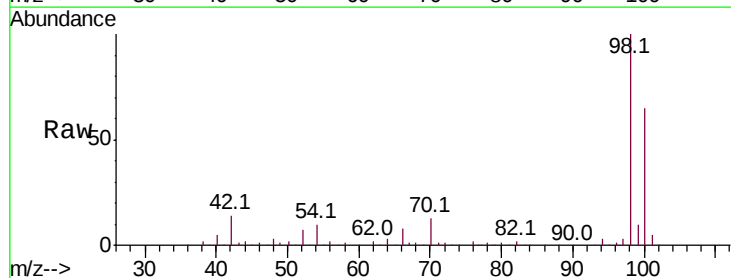
Acq: 28 Oct 2020 12:18

Tgt Ion: 98 Resp: 477586

Ion Ratio Lower Upper

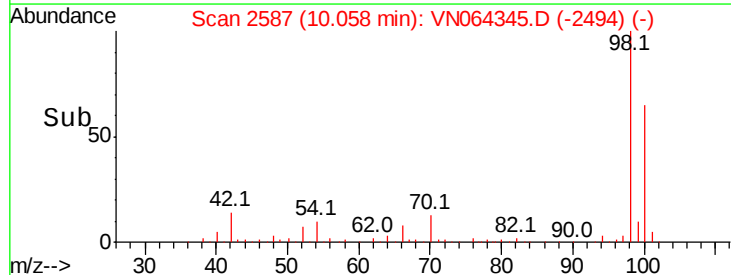
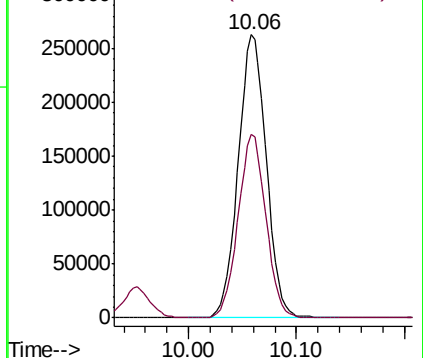
98 100

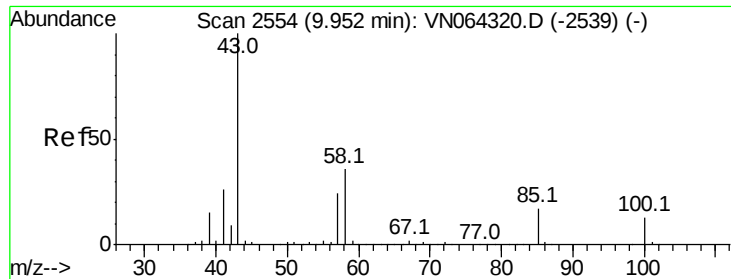
100 63.8 50.9 76.3



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: 98.106 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

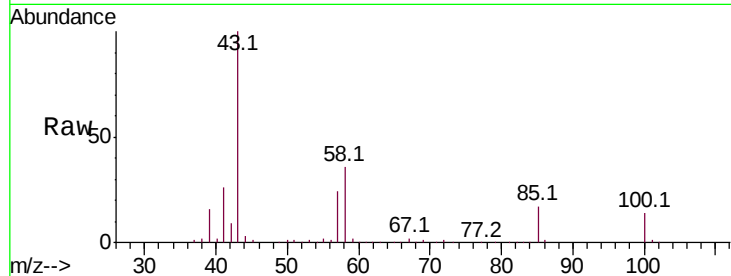
VN1028WBS01

Tot Ion: 43 Resp: 390502

Ion Ratio Lower Upper

43 100

58 35.8 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2539) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2539) (-)

9.95

200000

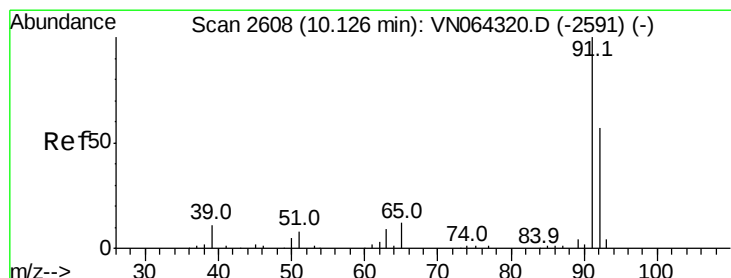
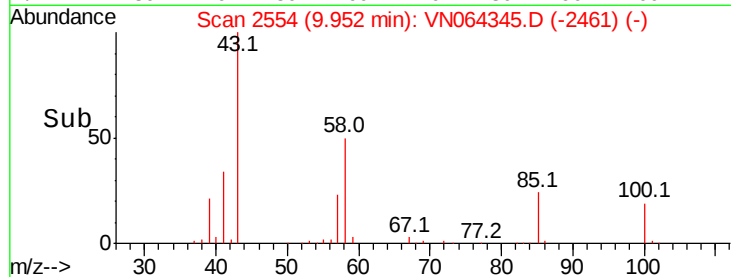
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 18.873 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064345.D

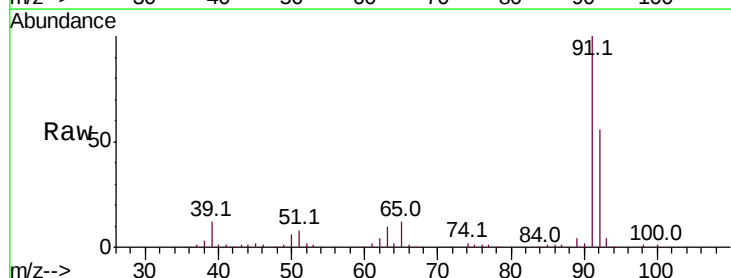
Acq: 28 Oct 2020 12:18

Tgt Ion: 92 Resp: 131463

Ion Ratio Lower Upper

92 100

91 177.1 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VN064320.D (-2591) (-)

Ion 91.00 (90.70 to 91.70): VN064320.D (-2591) (-)

10.12

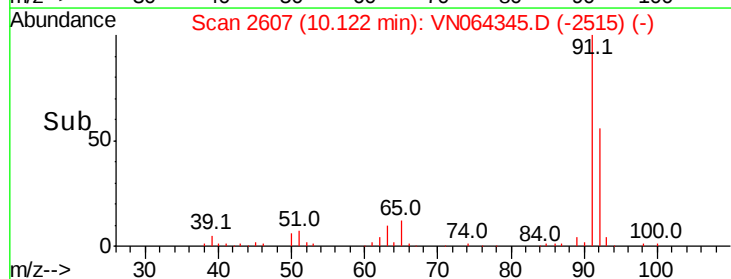
150000

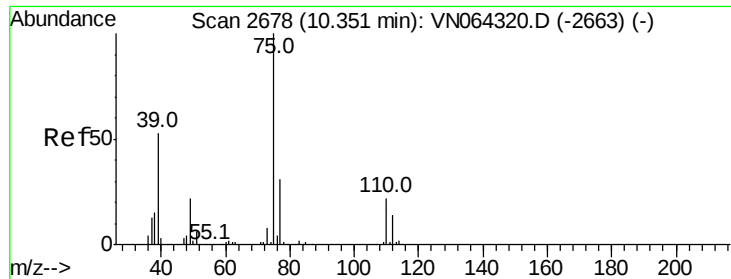
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.004 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

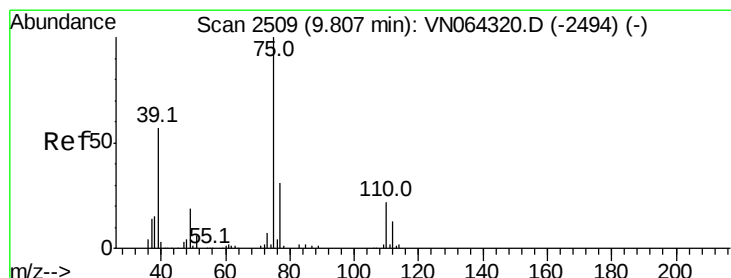
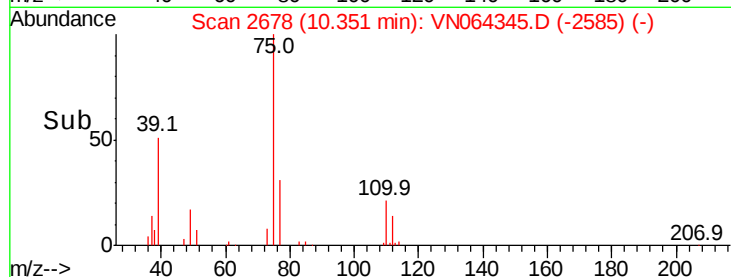
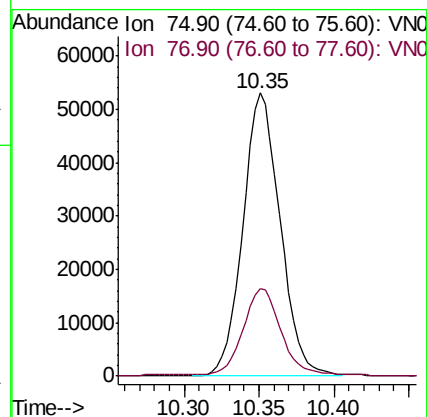
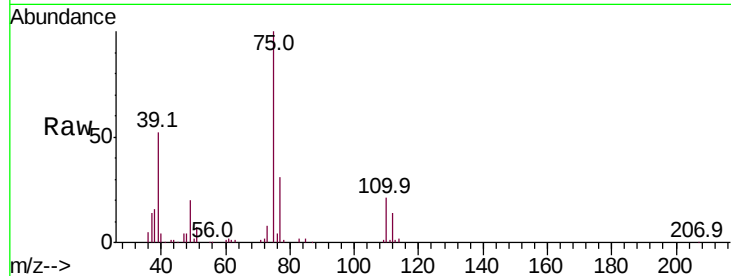
VN1028WBS01

Tot Ion: 75 Resp: 92090

Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.951 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

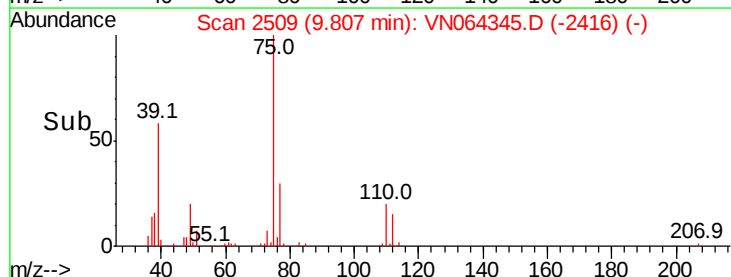
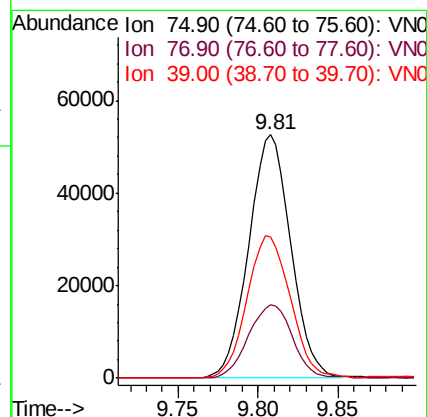
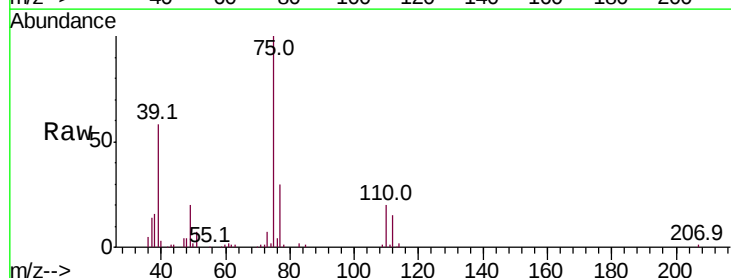
Tgt Ion: 75 Resp: 94533

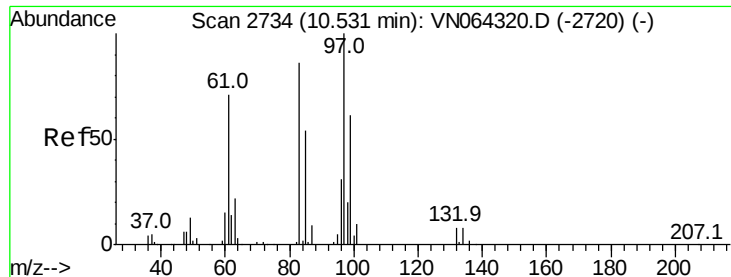
Ion Ratio Lower Upper

75 100

77 30.0 25.0 37.4

39 58.1 45.5 68.3

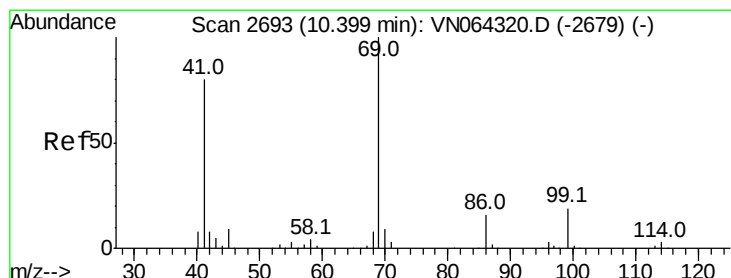
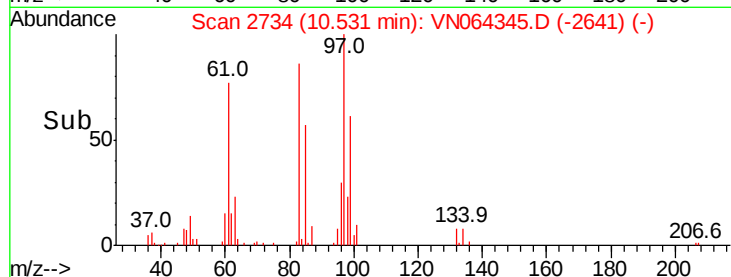
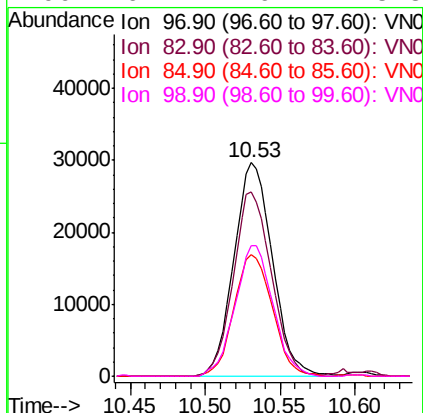
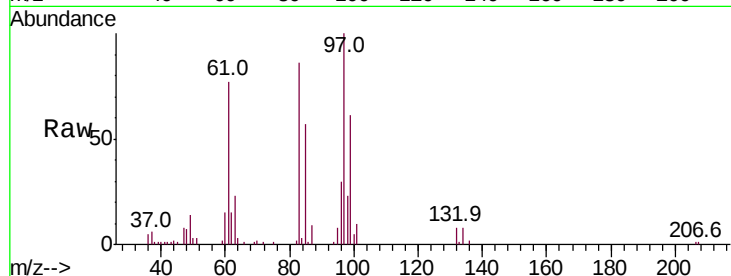




#55
 1,1,2-Trichloroethane
 Concen: 19.420 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

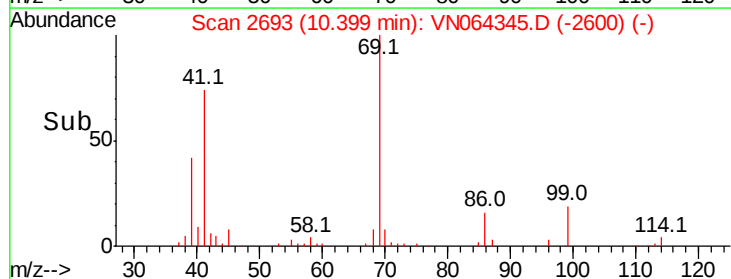
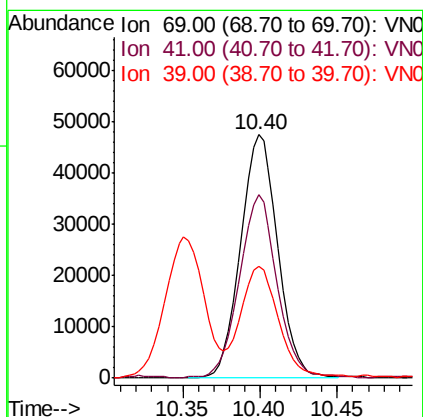
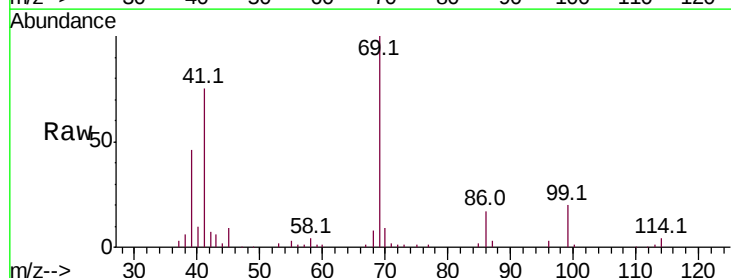
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

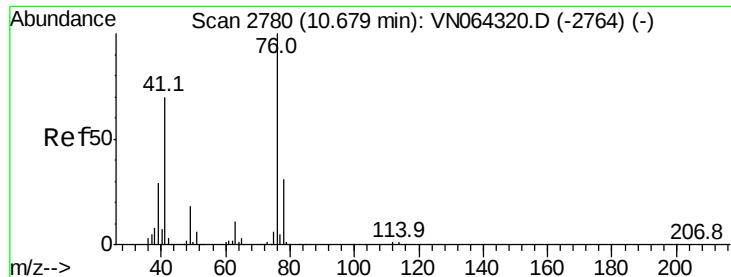
Tot Ion:	97	Resp:	53396
Ion	Ratio	Lower	Upper
97	100		
83	86.4	68.9	103.3
85	56.9	43.6	65.4
99	61.4	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 19.060 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion:	69	Resp:	79332
Ion	Ratio	Lower	Upper
69	100		
41	77.0	61.4	92.2
39	46.1	36.5	54.7





#57

1,3-Dichloropropane

Concen: 19.762 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

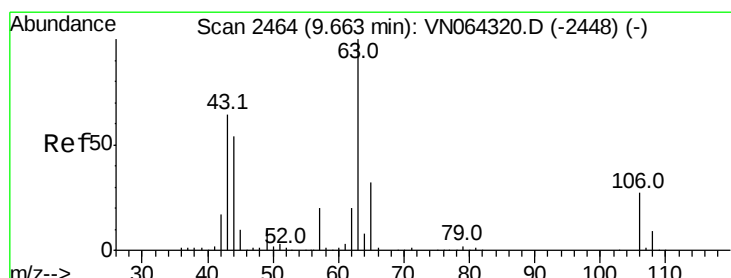
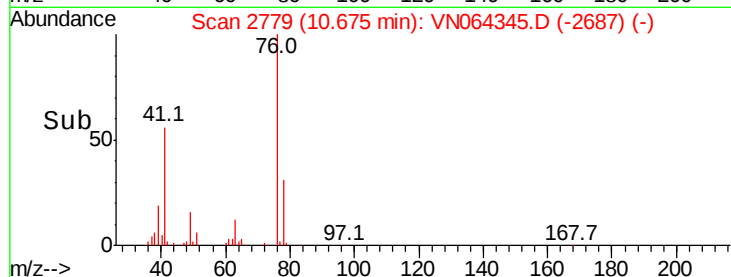
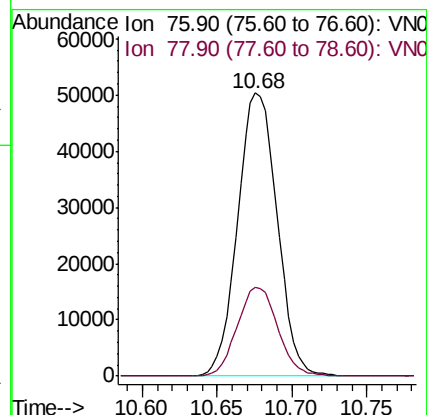
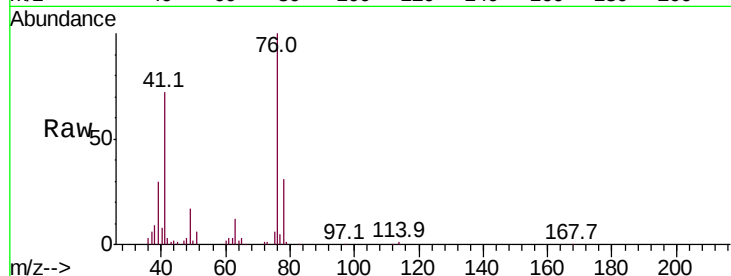
VN1028WBS01

Tot Ion: 76 Resp: 92692

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 89.515 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN064345.D

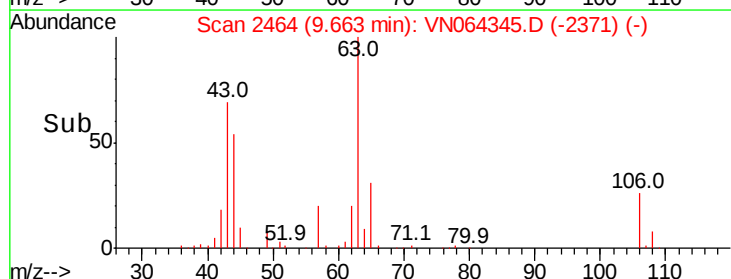
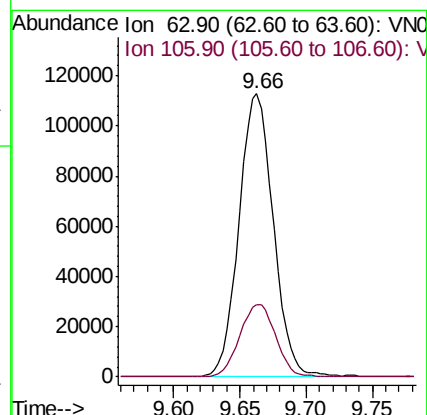
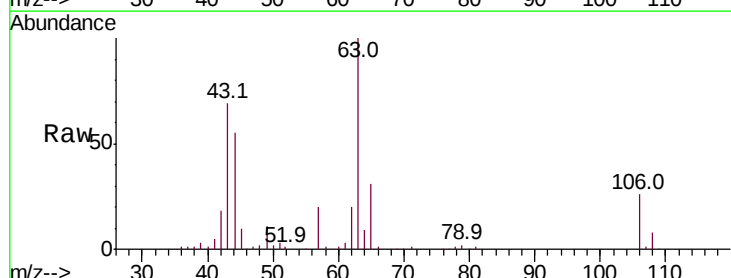
Acq: 28 Oct 2020 12:18

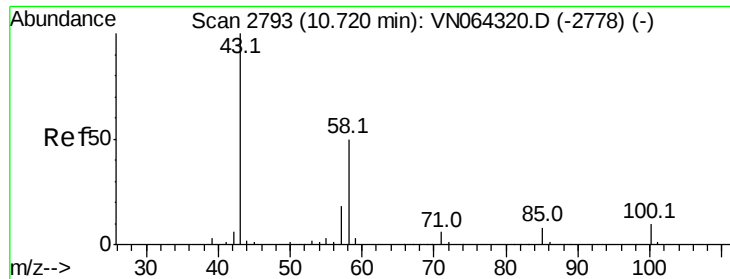
Tgt Ion: 63 Resp: 203315

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.4

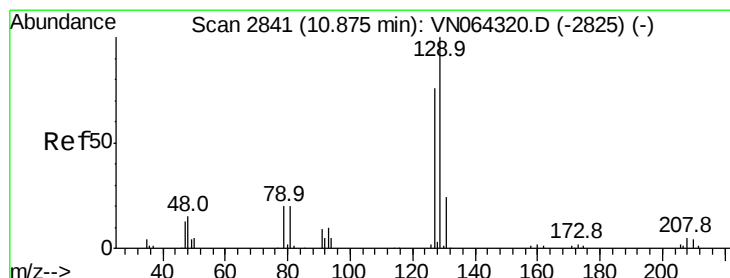
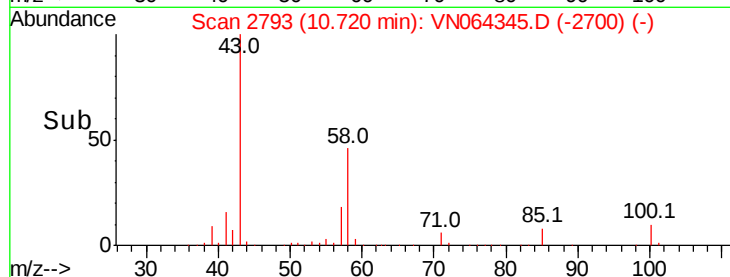
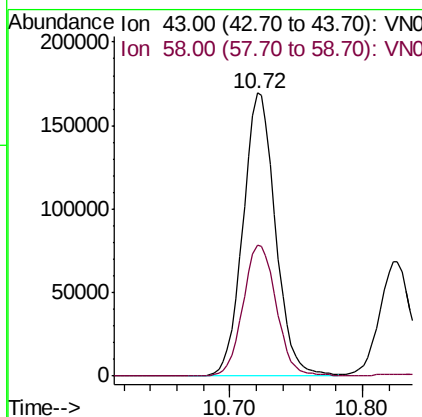
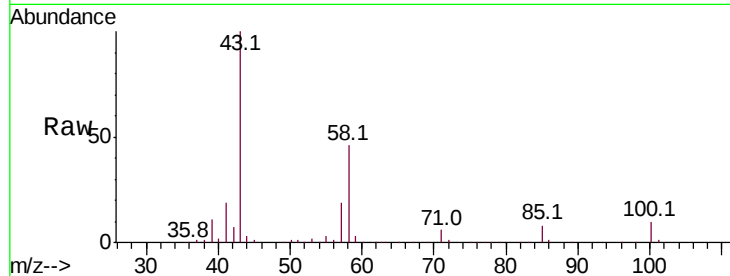




#59
2-Hexanone
Concen: 97.733 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

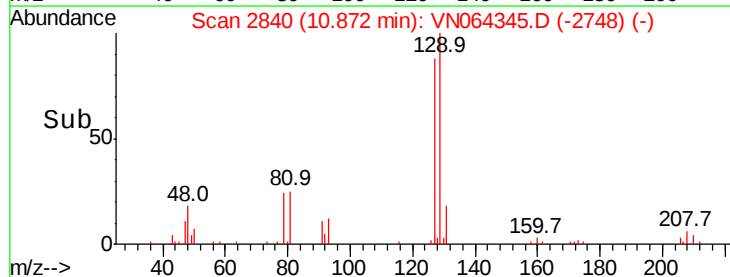
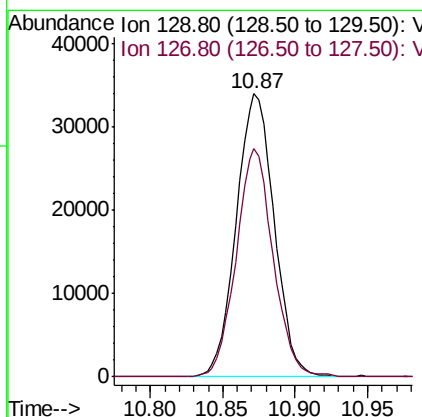
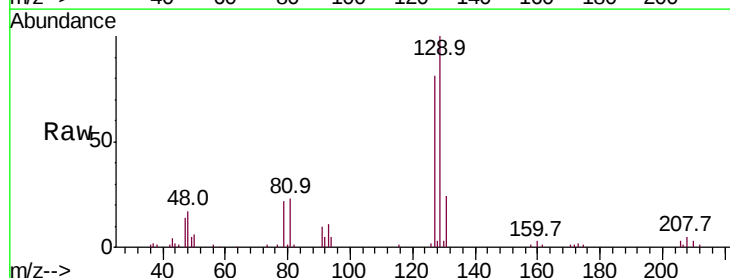
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

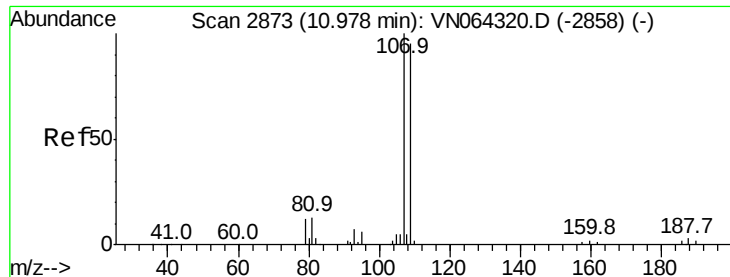
Tot Ion: 43 Resp: 286510
Ion Ratio Lower Upper
43 100
58 47.7 25.0 75.0



#60
Dibromochloromethane
Concen: 18.973 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 129 Resp: 61680
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.088 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

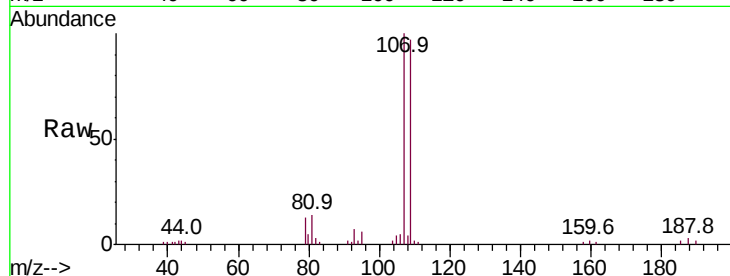
VN1028WBS01

Tot Ion:107 Resp: 56279

Ion Ratio Lower Upper

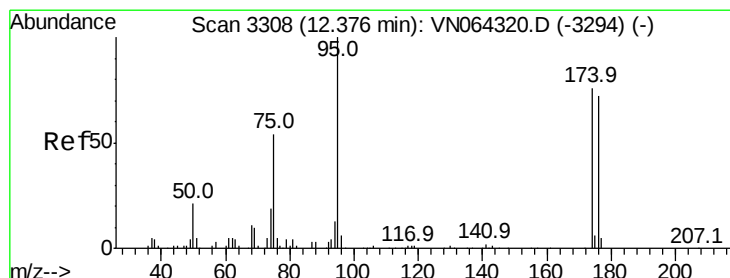
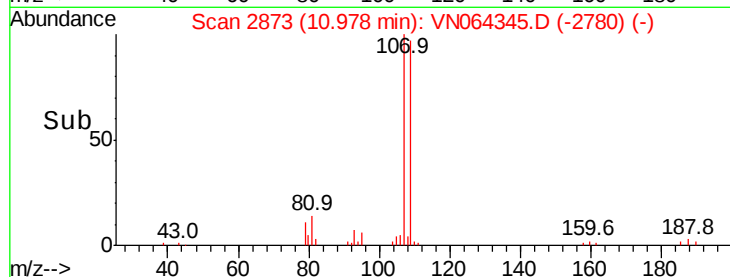
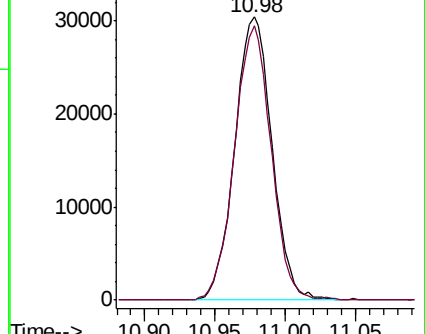
107 100

109 94.9 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.601 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

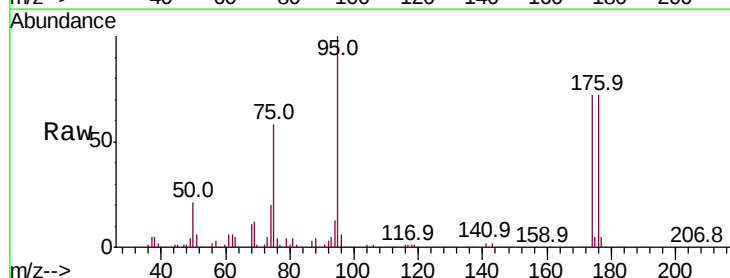
Tgt Ion: 95 Resp: 191228

Ion Ratio Lower Upper

95 100

174 71.3 0.0 147.4

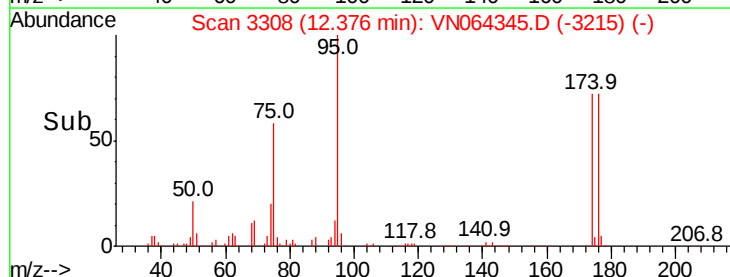
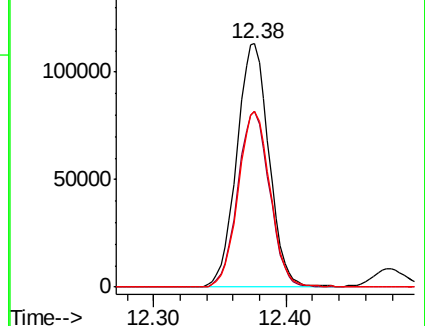
176 71.4 0.0 143.6

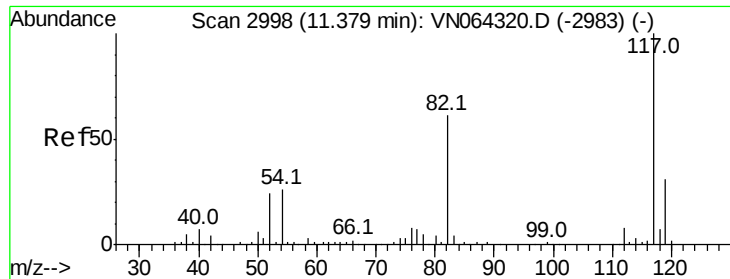


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

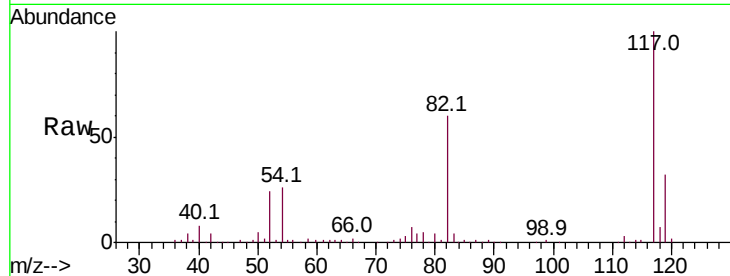




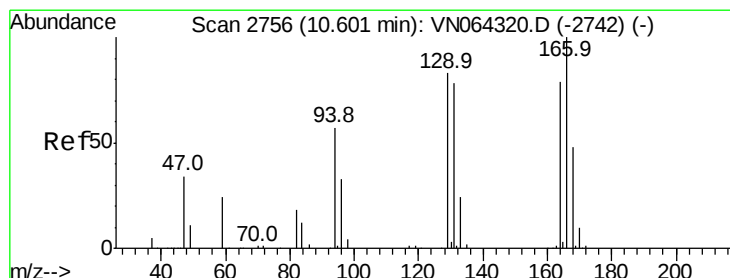
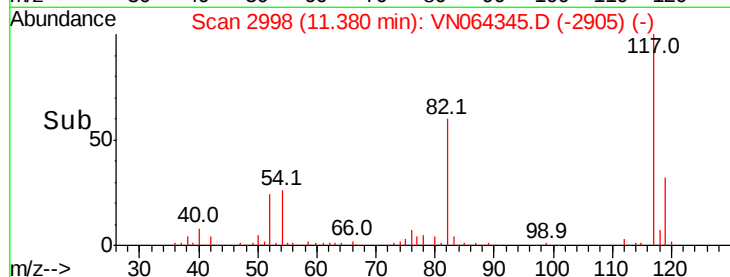
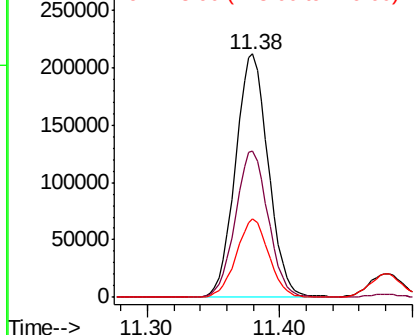
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion:117 Resp: 364743
Ion Ratio Lower Upper
117 100
82 60.2 48.8 73.2
119 32.1 25.1 37.7

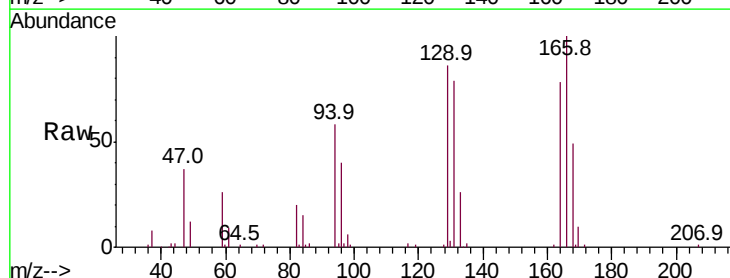


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

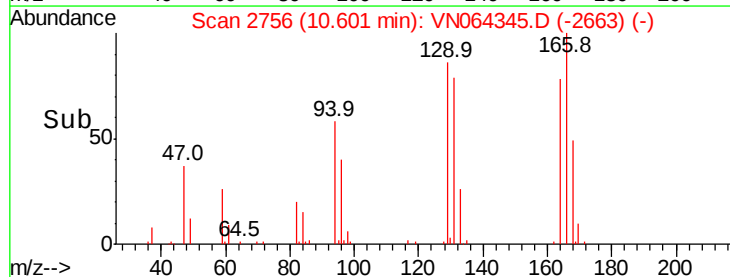
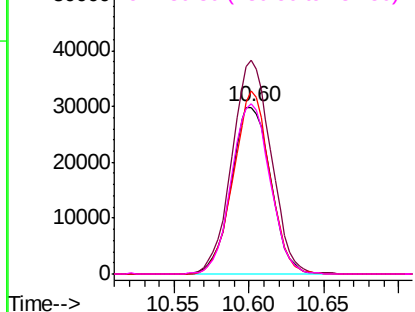


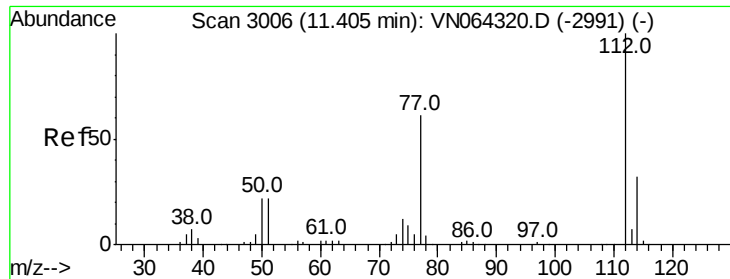
#64
Tetrachloroethene
Concen: 18.237 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion:164 Resp: 54671
Ion Ratio Lower Upper
164 100
166 128.1 100.7 151.1
129 109.6 83.7 125.5
131 101.8 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

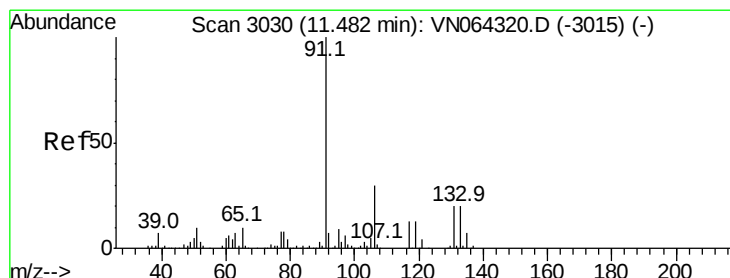
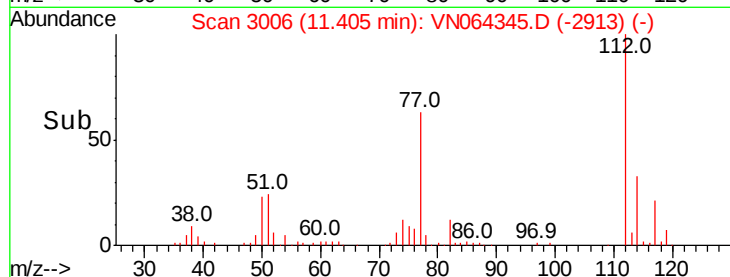
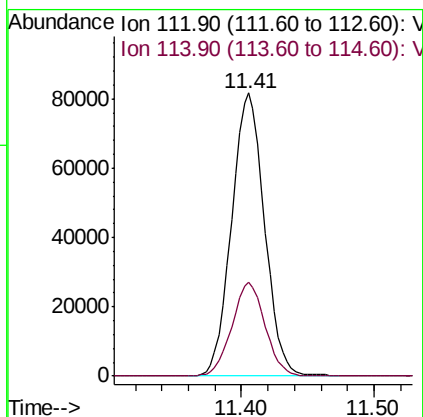
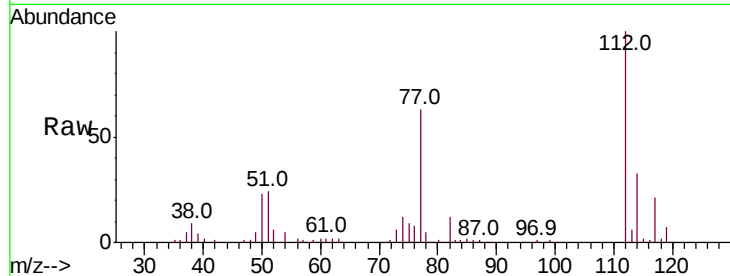




#65
Chlorobenzene
Concen: 18.993 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

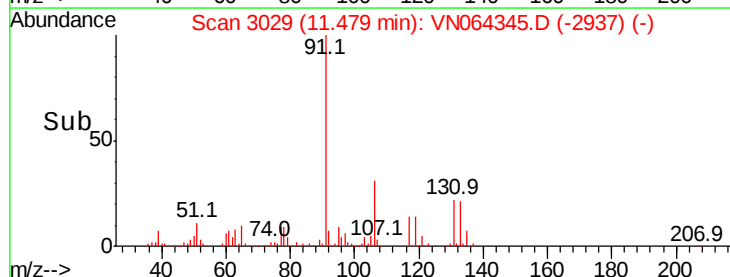
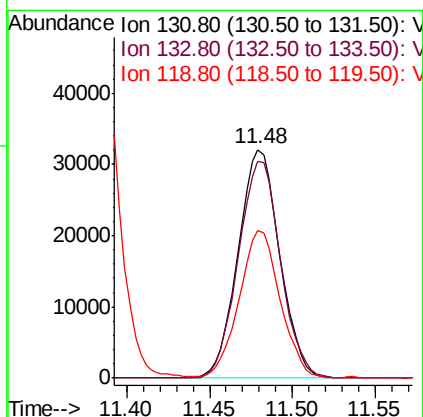
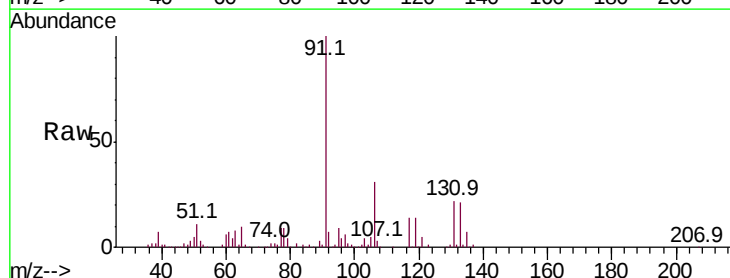
Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

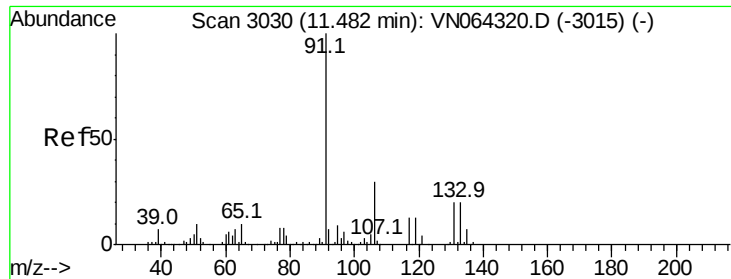
Tot Ion:112 Resp: 140445
Ion Ratio Lower Upper
112 100
114 33.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.688 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion:131 Resp: 55855
Ion Ratio Lower Upper
131 100
133 96.4 49.3 147.8
119 63.8 32.3 96.9

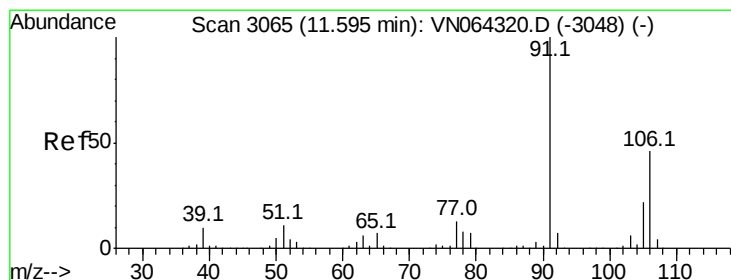
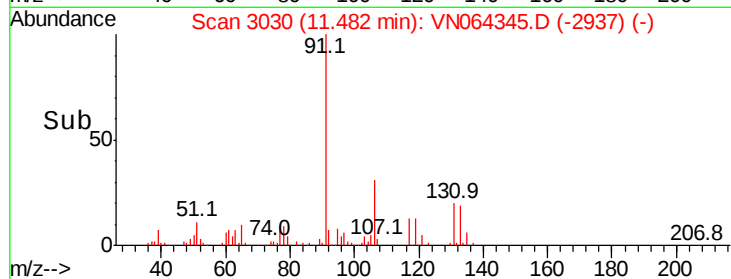
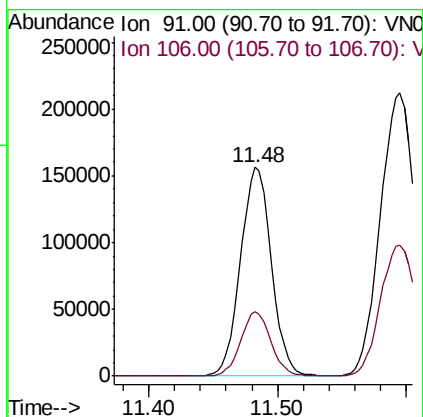
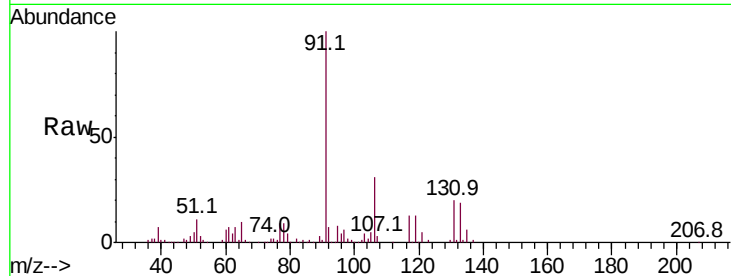




#67
Ethyl Benzene
Concen: 18.990 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

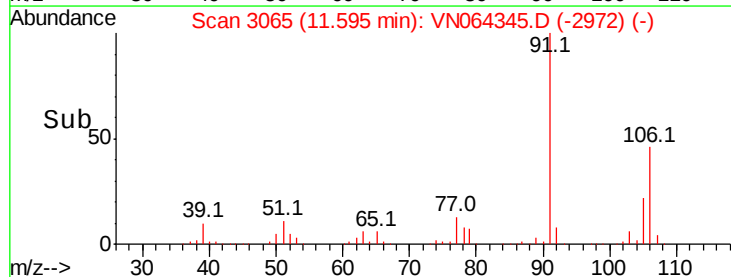
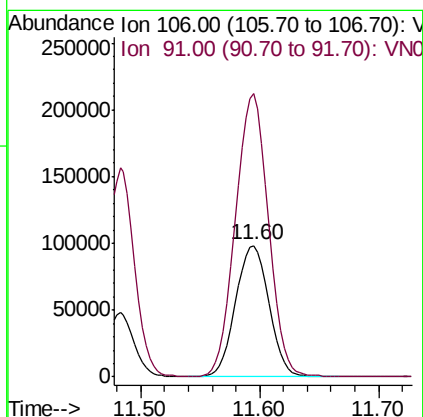
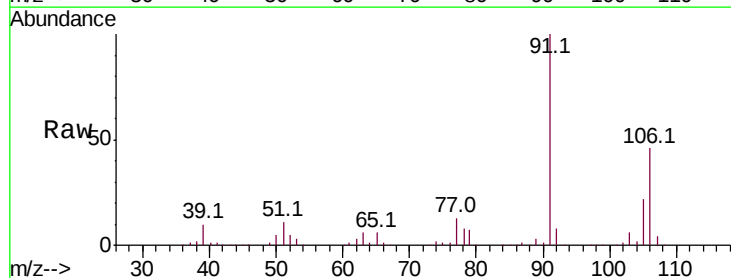
Instrument :
MSVOA_N
ClientSampled :
VN1028WBS01

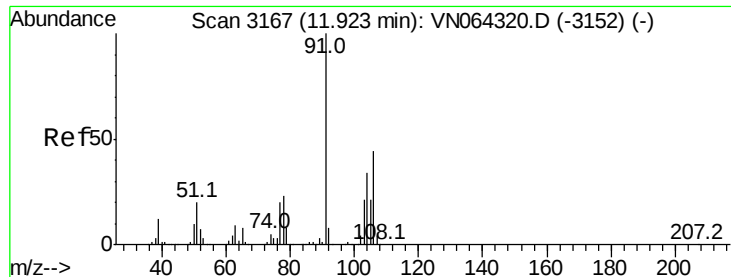
Tot Ion: 91 Resp: 261071
Ion Ratio Lower Upper
91 100
106 30.8 23.7 35.5



#68
m/p-Xylenes
Concen: 37.640 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 106 Resp: 191767
Ion Ratio Lower Upper
106 100
91 211.7 170.2 255.4

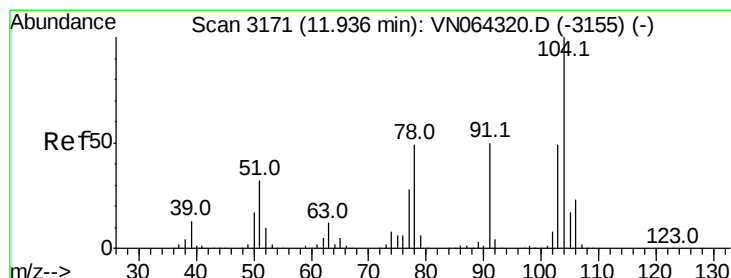
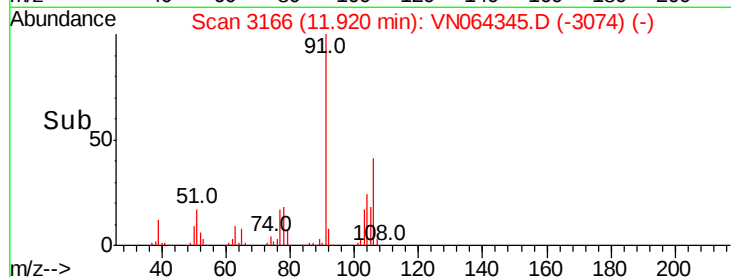
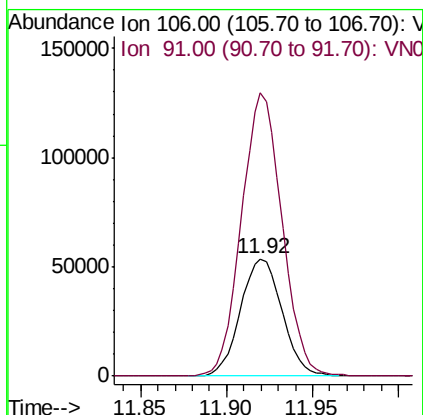
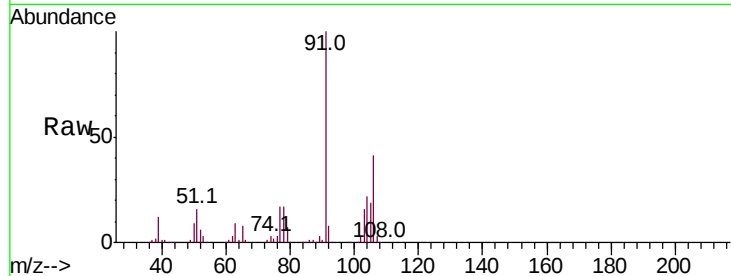




#69
o-Xylene
Concen: 18.455 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

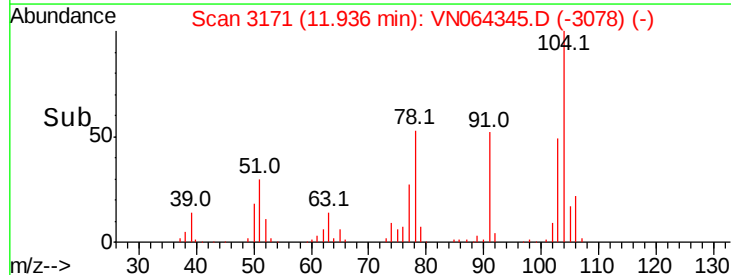
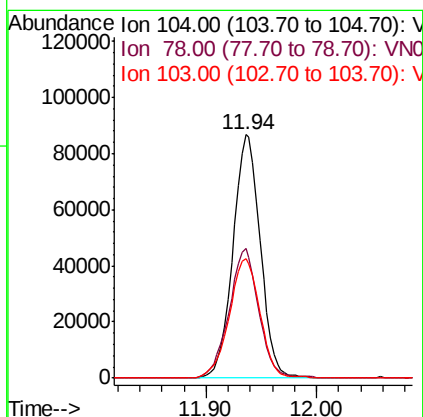
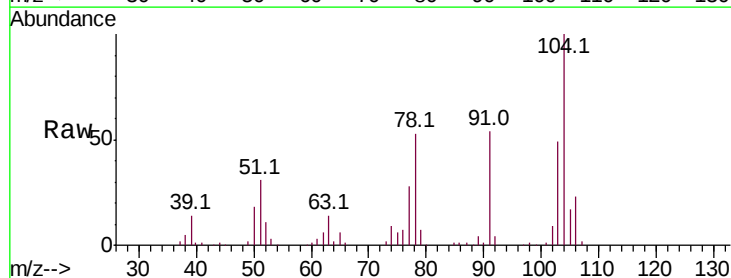
Instrument :
MSVOA_N
ClientSampled :
VN1028WBS01

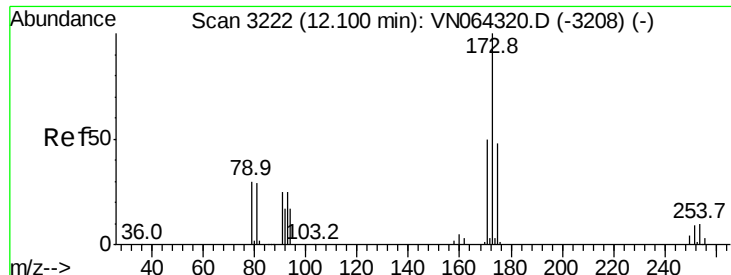
Tot Ion:106 Resp: 90584
Ion Ratio Lower Upper
106 100
91 234.4 114.5 343.5



#70
Styrene
Concen: 18.531 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion:104 Resp: 149128
Ion Ratio Lower Upper
104 100
78 57.7 43.7 65.5
103 54.9 43.3 64.9





#71

Bromoform

Concen: 19.020 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

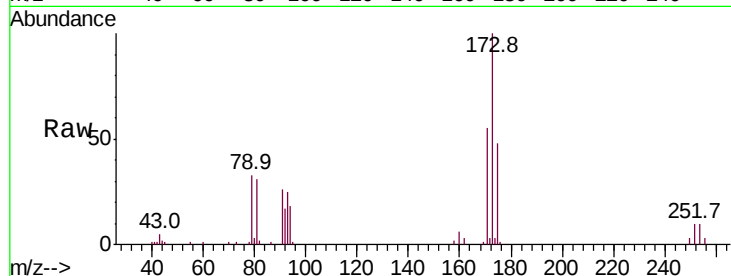
Tot Ion:173 Resp: 44616

Ion Ratio Lower Upper

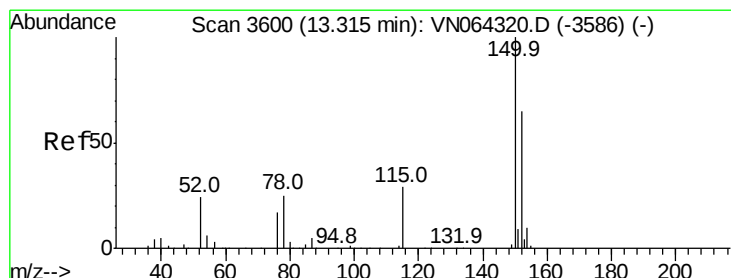
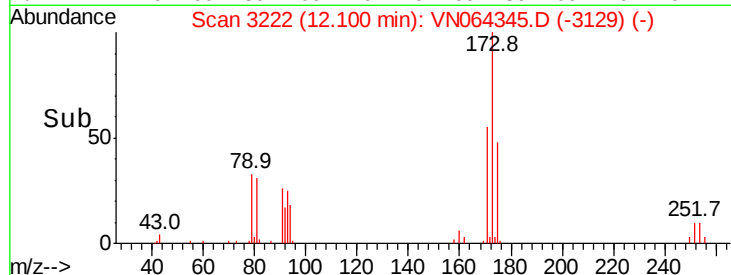
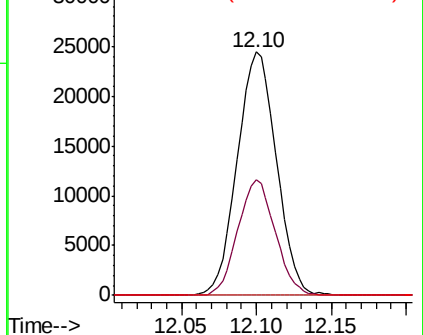
173 100

175 45.1 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: VN064345.D

Acq: 28 Oct 2020 12:18

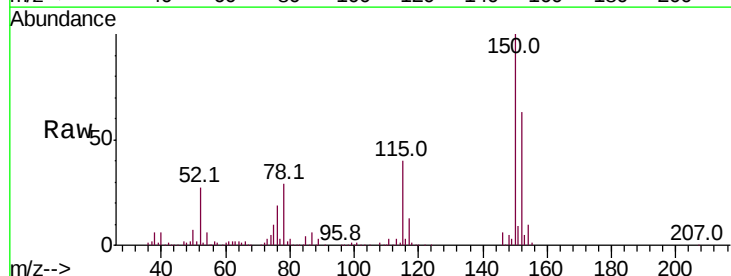
Tgt Ion:152 Resp: 169908

Ion Ratio Lower Upper

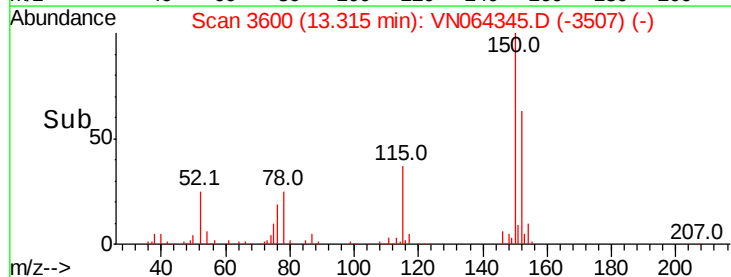
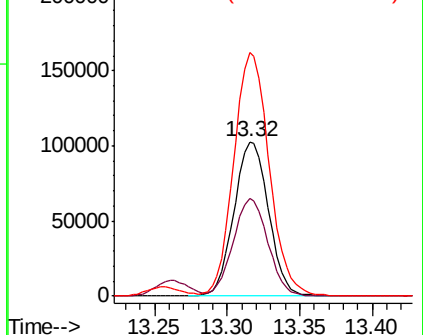
152 100

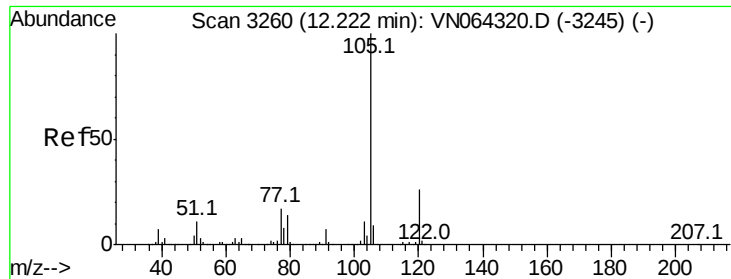
115 63.4 31.5 94.5

150 161.4 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: 18.948 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

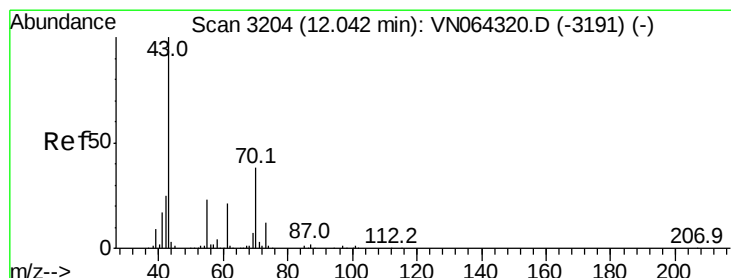
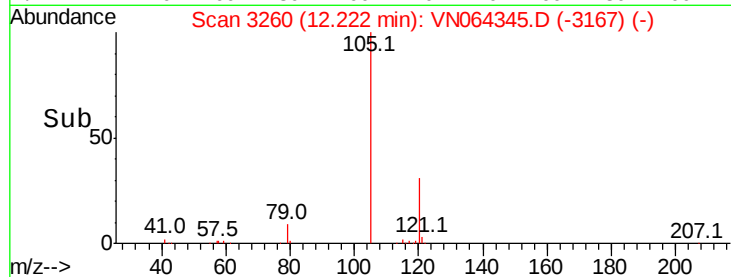
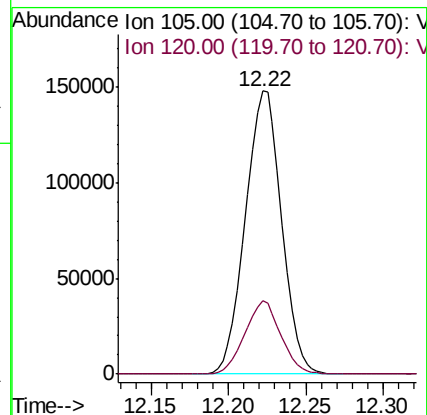
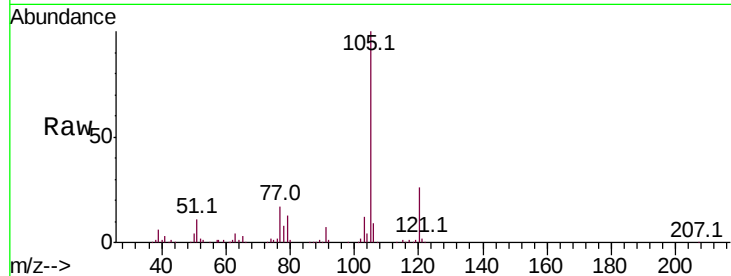
VN1028WBS01

Tot Ion:105 Resp: 241121

Ion Ratio Lower Upper

105 100

120 25.6 13.2 39.5



#74

N-ethyl acetate

Concen: 19.383 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Tgt Ion: 43 Resp: 108572

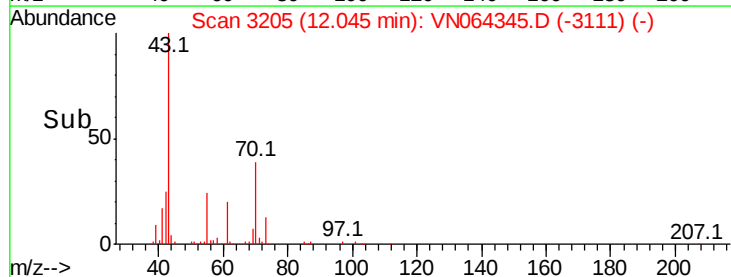
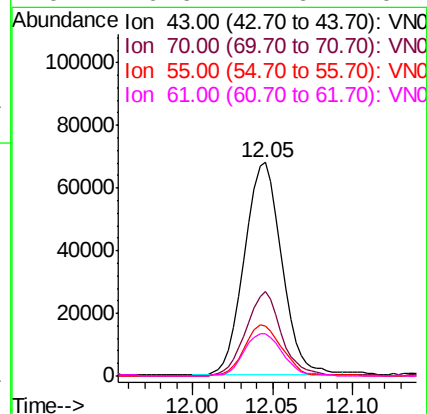
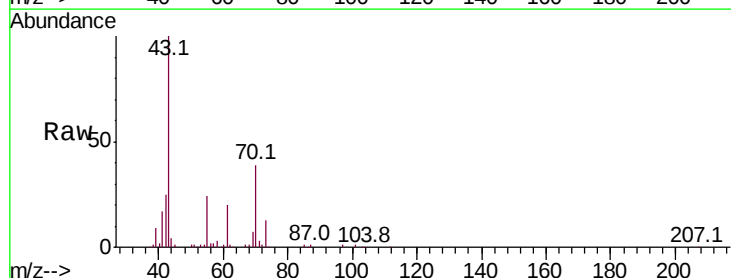
Ion Ratio Lower Upper

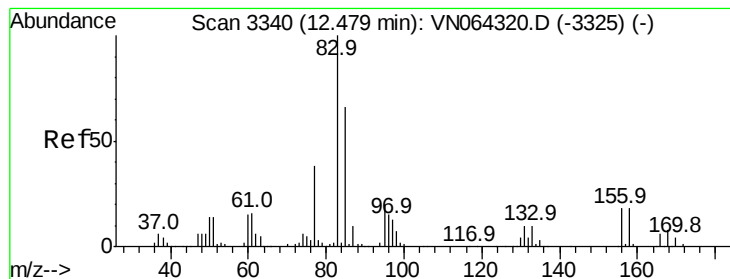
43 100

70 37.5 30.6 45.8

55 24.1 18.2 27.4

61 20.6 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.439 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VN1028WBS01

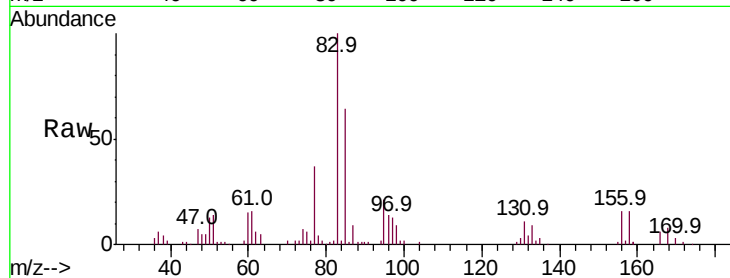
Tot Ion: 83 Resp: 71906

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

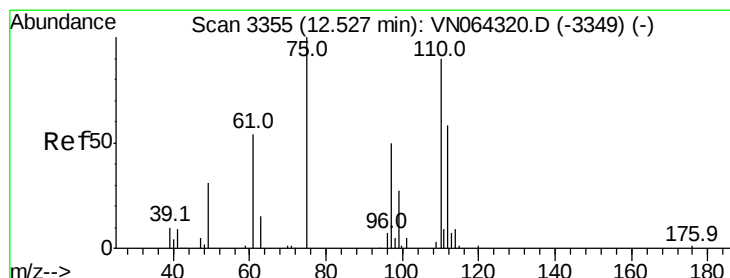
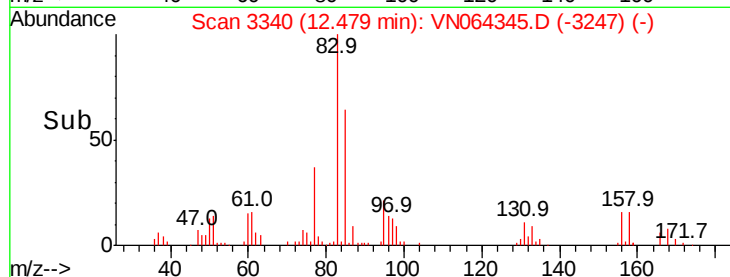
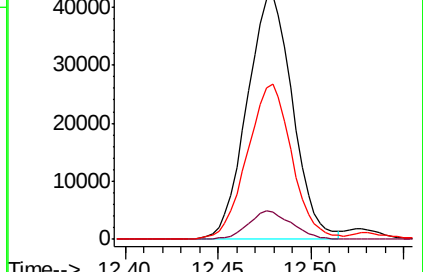
85 62.2 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VN064320.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064320.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064320.D (-3325) (-)



#76

1,2,3-Trichloropropane

Concen: 26.567 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN064345.D

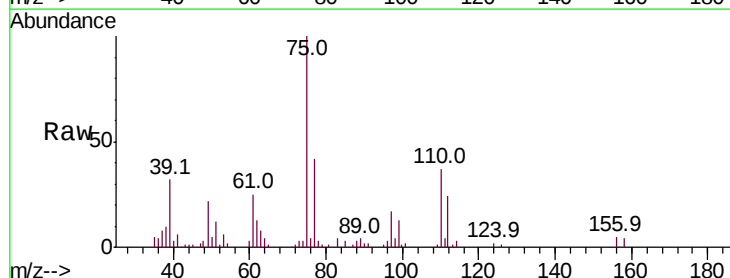
Acq: 28 Oct 2020 12:18

Tgt Ion: 75 Resp: 108097

Ion Ratio Lower Upper

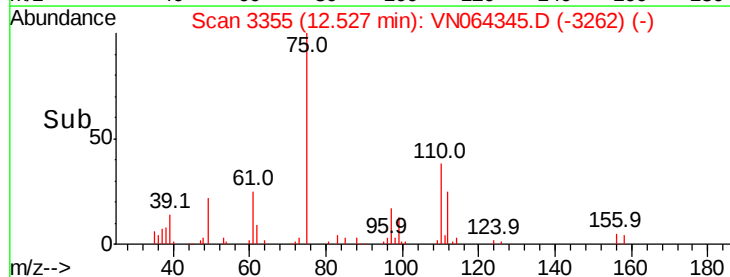
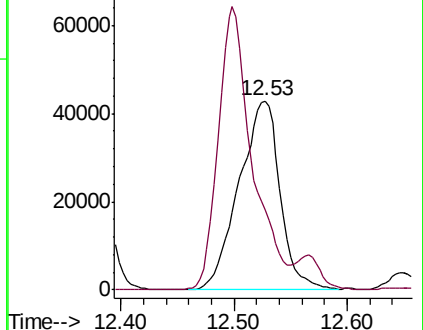
75 100

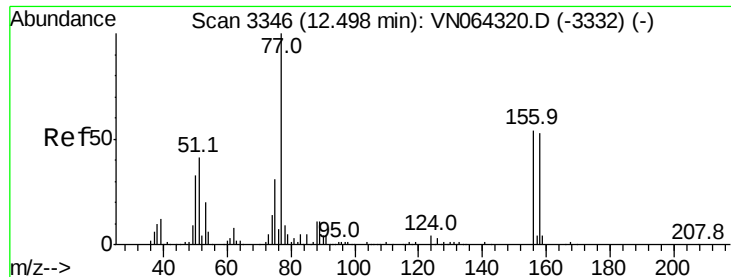
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN064320.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN064320.D (-3349) (-)





#77

Bromobenzene

Concen: 18.920 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

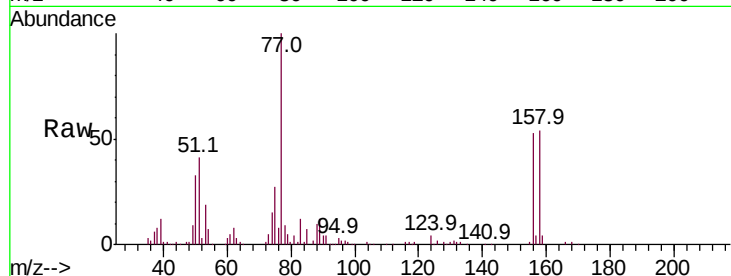
Tot Ion:156 Resp: 58956

Ion Ratio Lower Upper

156 100

77 228.0 111.9 335.7

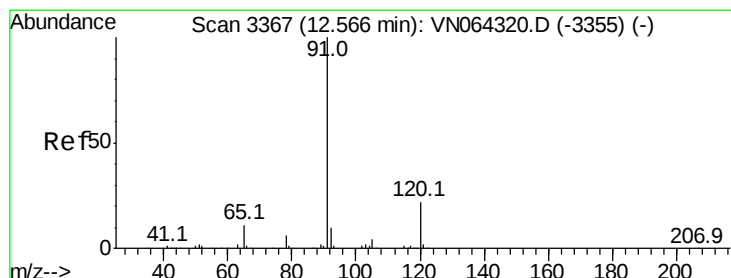
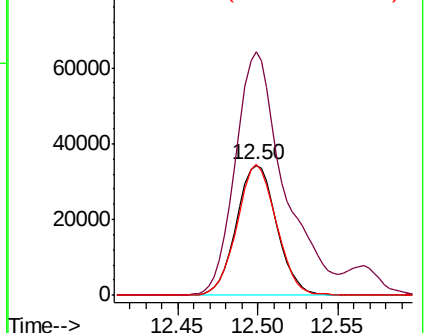
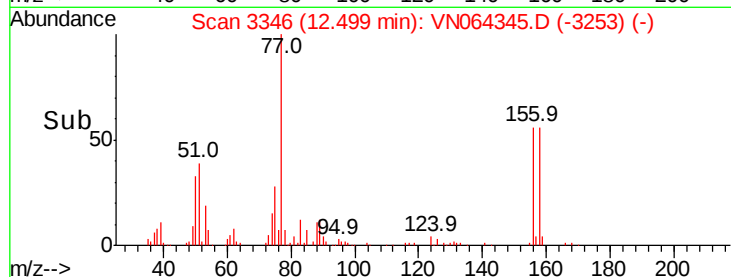
158 98.1 49.0 147.0



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: 18.800 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064345.D

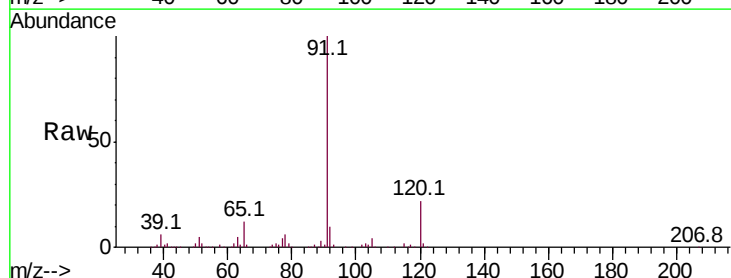
Acq: 28 Oct 2020 12:18

Tgt Ion: 91 Resp: 270853

Ion Ratio Lower Upper

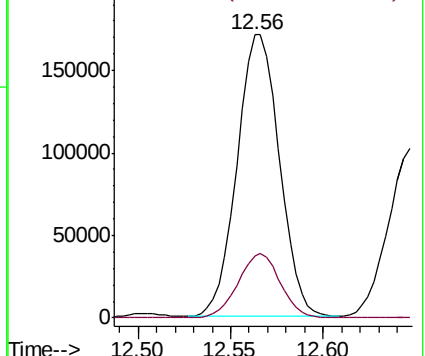
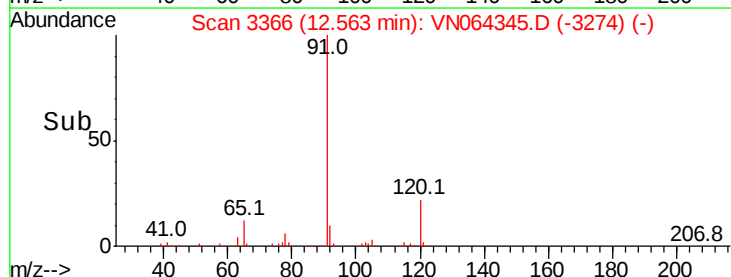
91 100

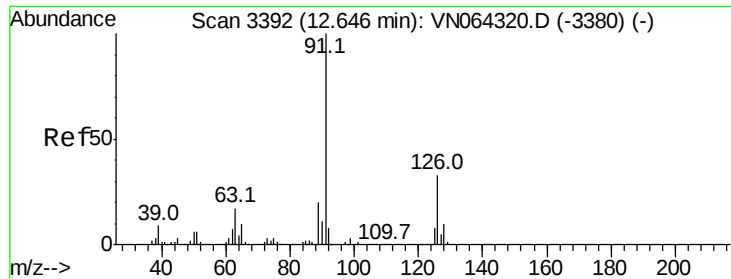
120 22.8 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

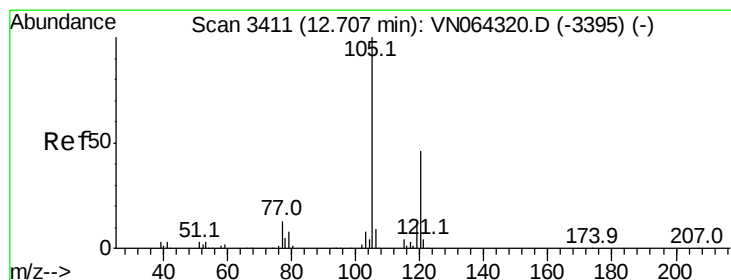
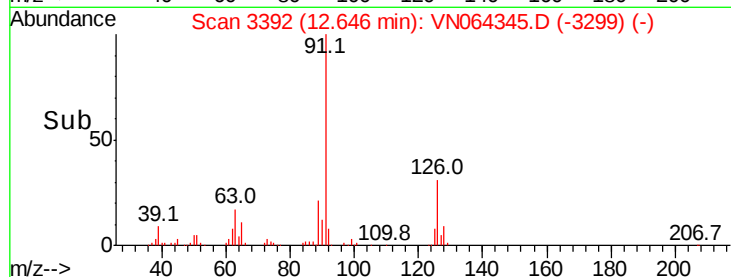
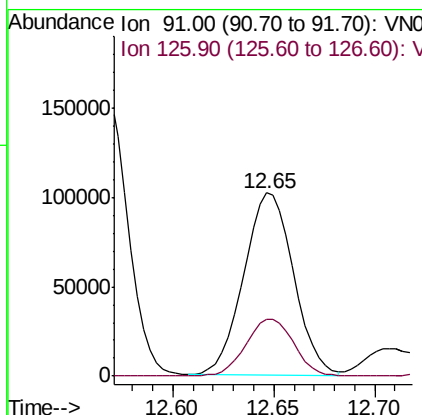
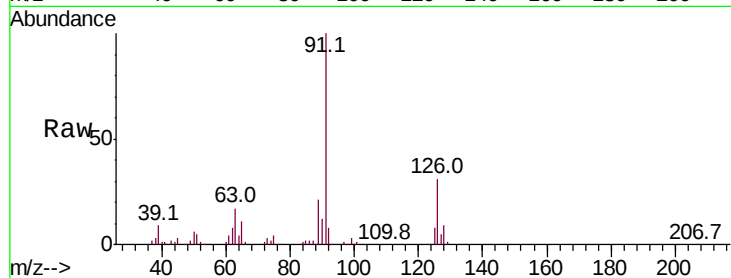




#79
 2-Chlorotoluene
 Concen: 19.073 ug/l
 RT: 12.65 min Scan# 3392
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

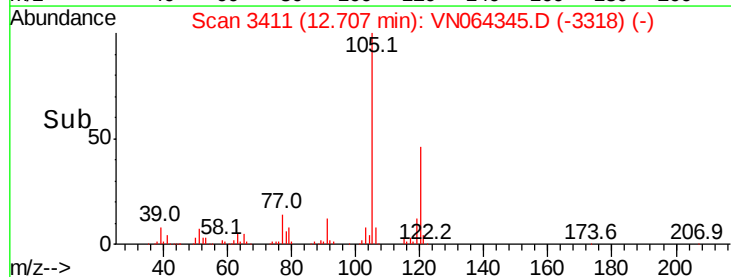
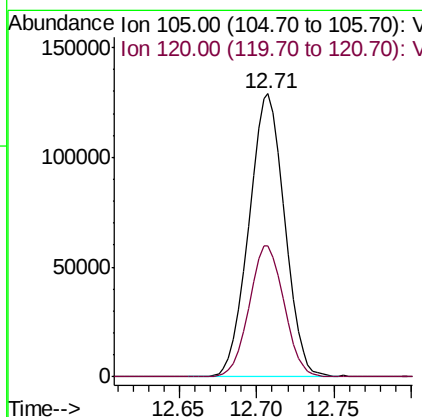
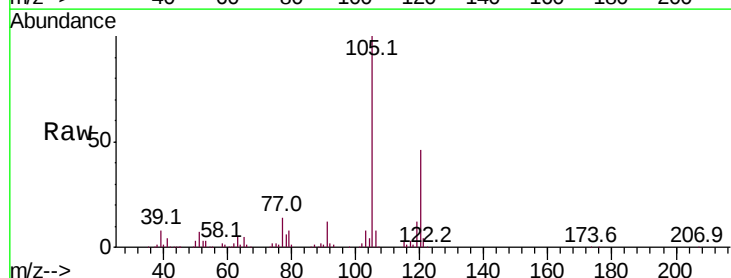
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

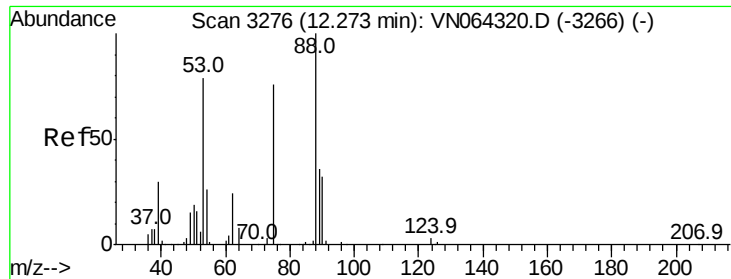
Tot Ion: 91 Resp: 175657
 Ion Ratio Lower Upper
 91 100
 126 30.5 16.2 48.5



#80
 1,3,5-Trimethylbenzene
 Concen: 19.264 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion: 105 Resp: 207432
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.9 68.8





#81

trans-1,4-Dichloro-2-butene

Concen: 18.943 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

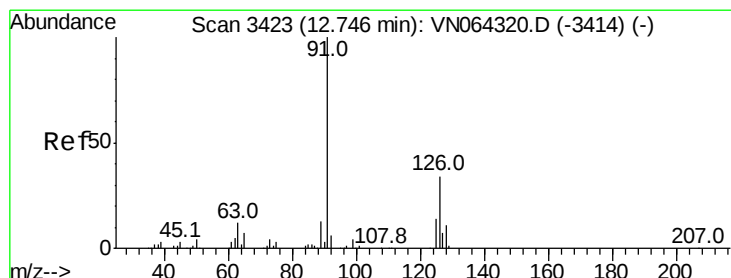
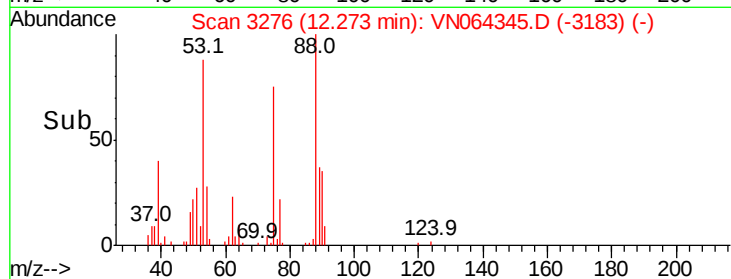
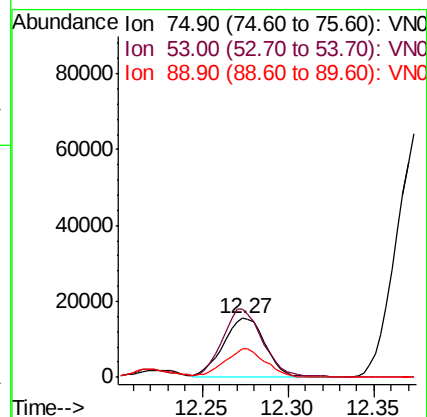
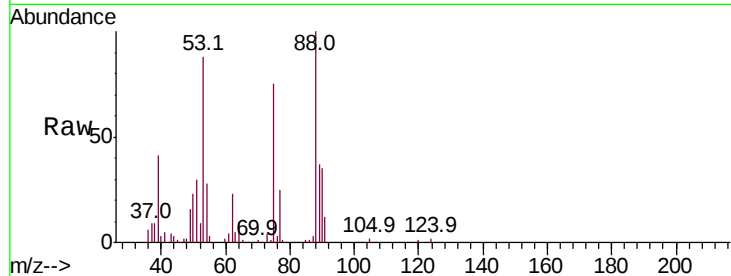
Tot Ion: 75 Resp: 26758

Ion Ratio Lower Upper

75 100

53 111.3 81.8 122.8

89 47.7 39.9 59.9



#82

4-Chlorotoluene

Concen: 19.482 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064345.D

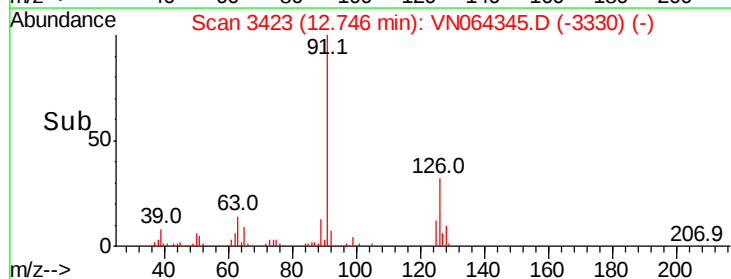
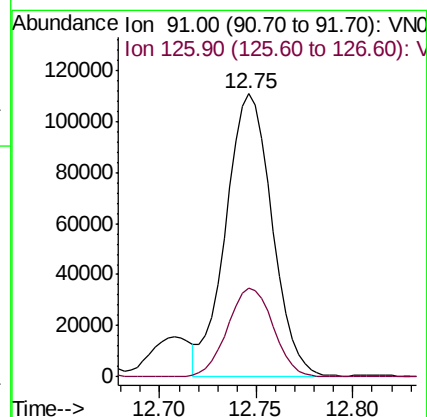
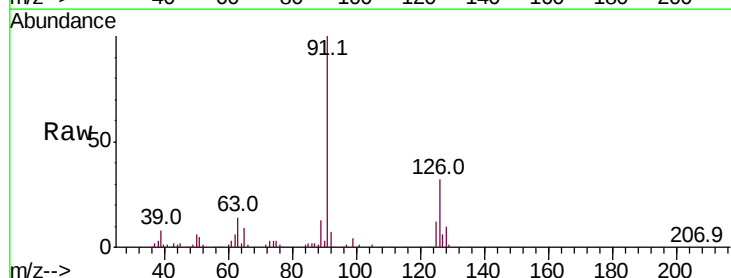
Acq: 28 Oct 2020 12:18

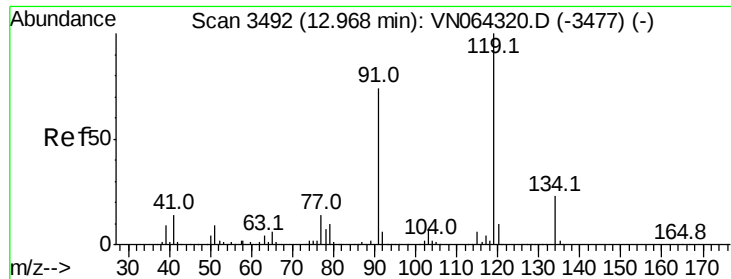
Tgt Ion: 91 Resp: 182788

Ion Ratio Lower Upper

91 100

126 31.4 15.8 47.3



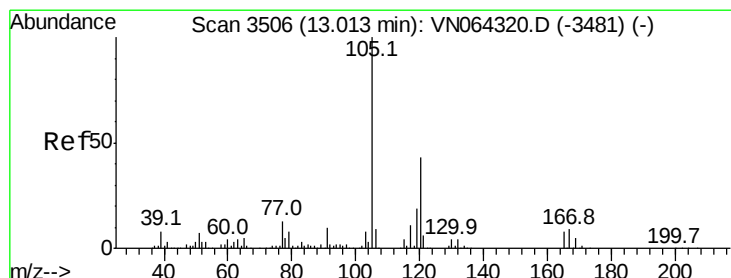
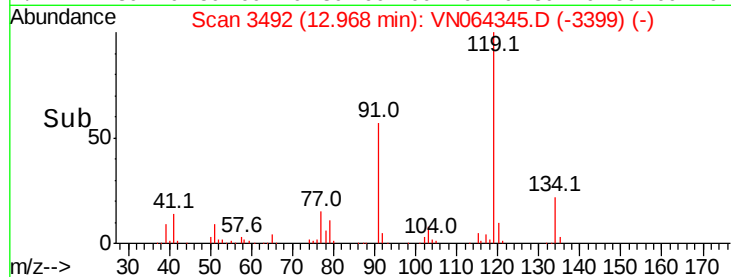
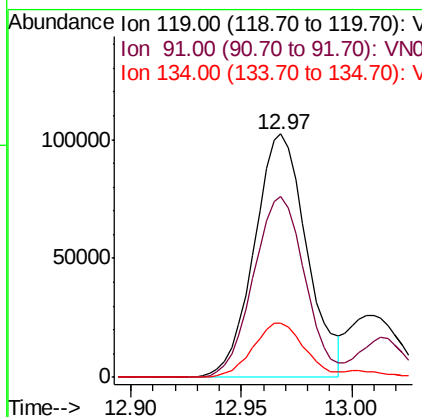
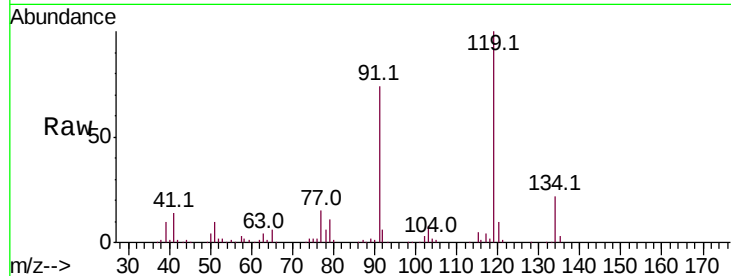


#83
 tert-Butylbenzene
 Concen: 19.093 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampled :
 VN1028WBS01

Tot Ion:119 Resp: 168702

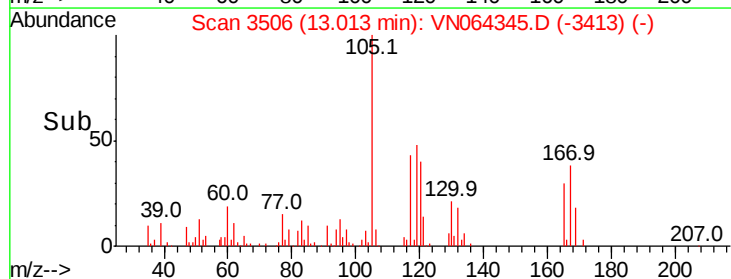
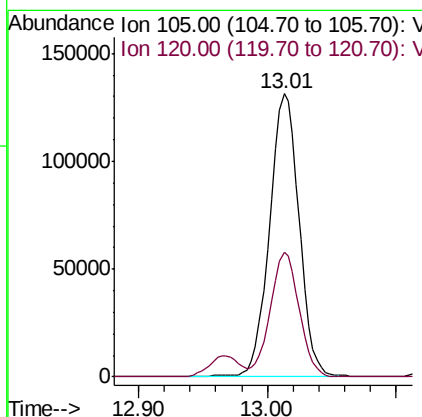
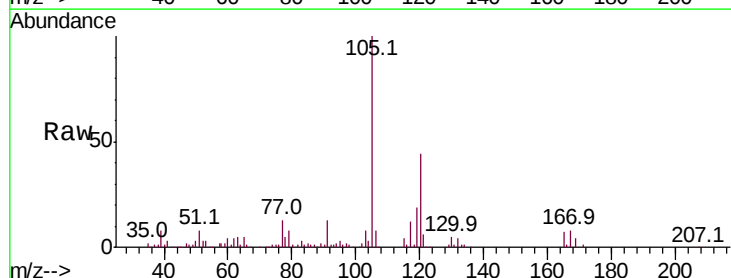
Ion	Ratio	Lower	Upper
119	100		
91	72.8	36.4	109.1
134	21.9	12.0	36.1

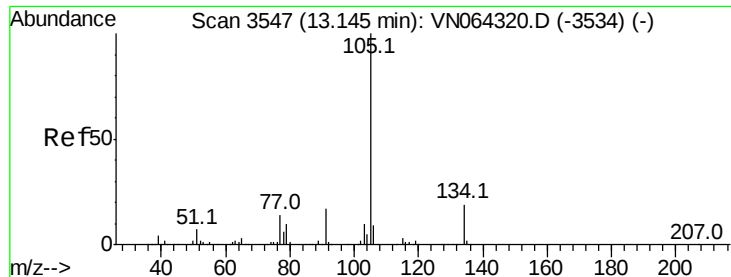


#84
 1,2,4-Trimethylbenzene
 Concen: 19.516 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion:105 Resp: 209976

Ion	Ratio	Lower	Upper
105	100		
120	42.6	21.3	64.0





#85

sec-Butylbenzene

Concen: 18.932 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

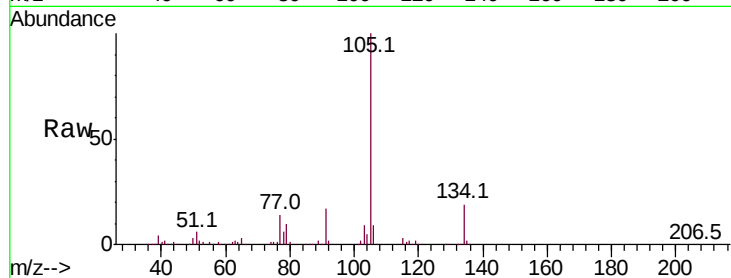
VN1028WBS01

Tot Ion:105 Resp: 216472

Ion Ratio Lower Upper

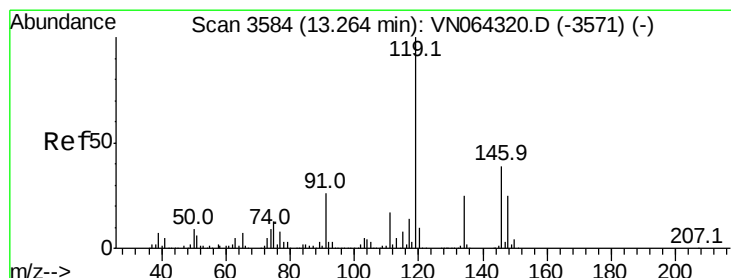
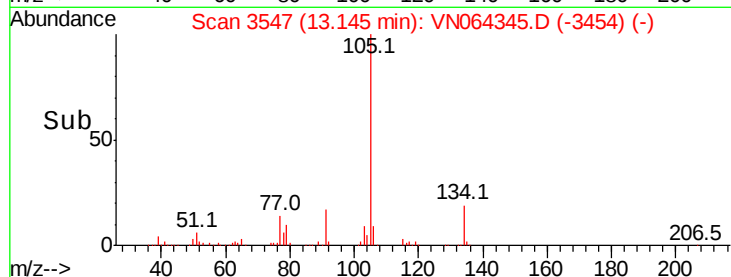
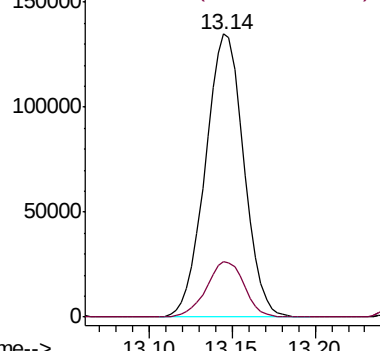
105 100

134 19.3 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.147 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

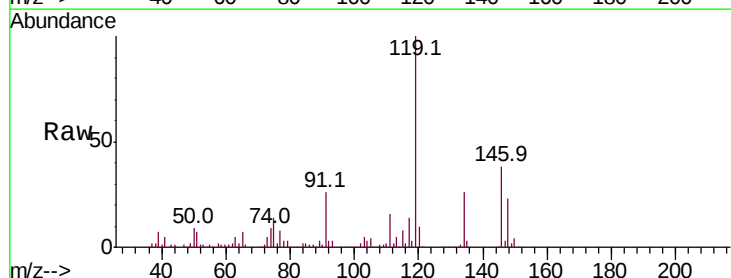
Tgt Ion:119 Resp: 197236

Ion Ratio Lower Upper

119 100

134 25.9 12.8 38.4

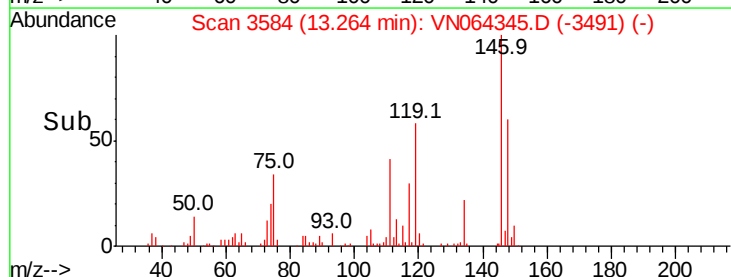
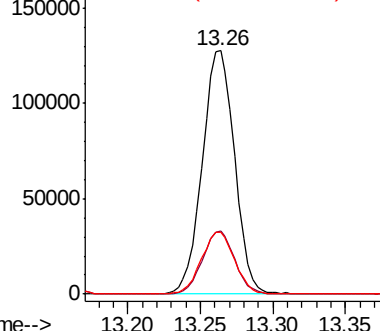
91 26.3 13.0 38.9

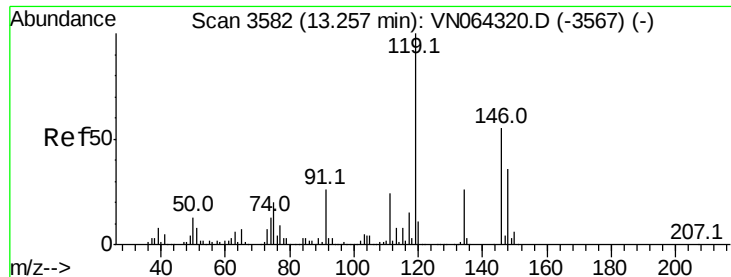


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.562 ug/l

RT: 13.25 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

VN1028WBS01

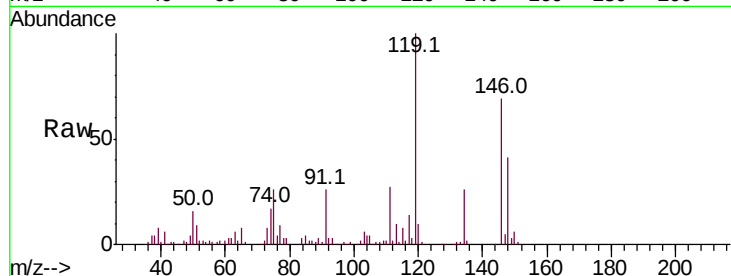
Tot Ion:146 Resp: 106712

Ion Ratio Lower Upper

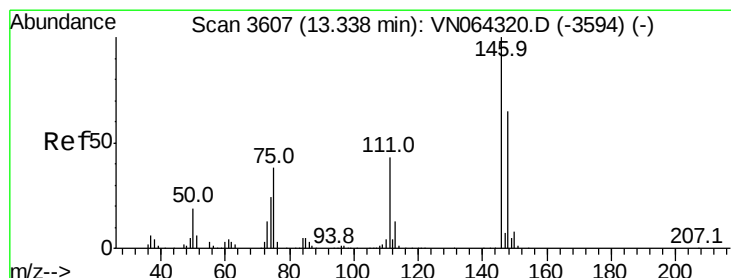
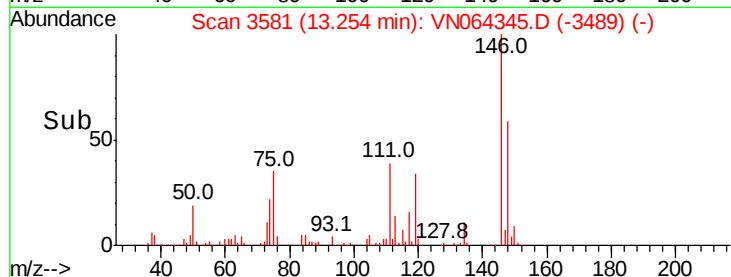
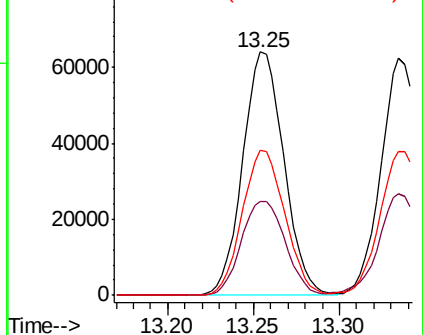
146 100

111 40.9 21.9 65.5

148 61.5 32.6 98.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.396 ug/l

RT: 13.33 min Scan# 3606

Delta R.T. -0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

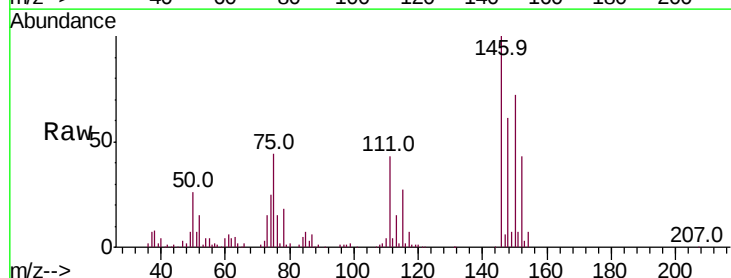
Tgt Ion:146 Resp: 102213

Ion Ratio Lower Upper

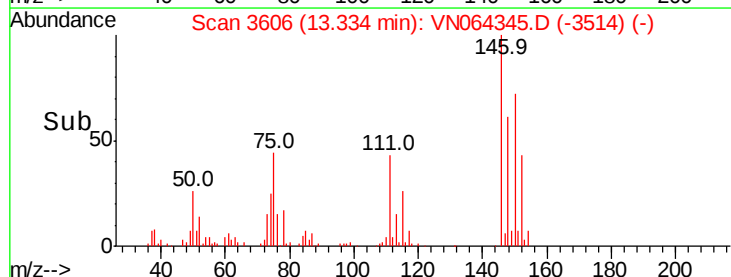
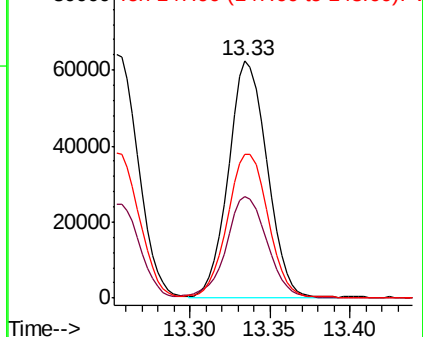
146 100

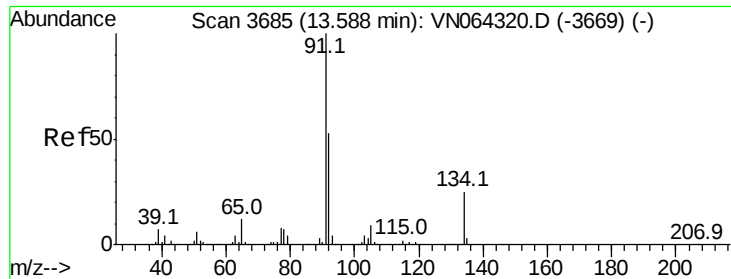
111 45.9 21.8 65.4

148 65.0 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

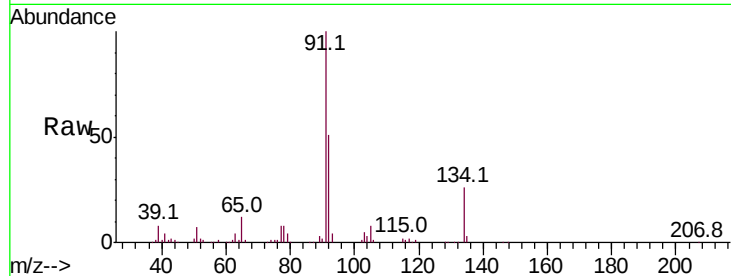




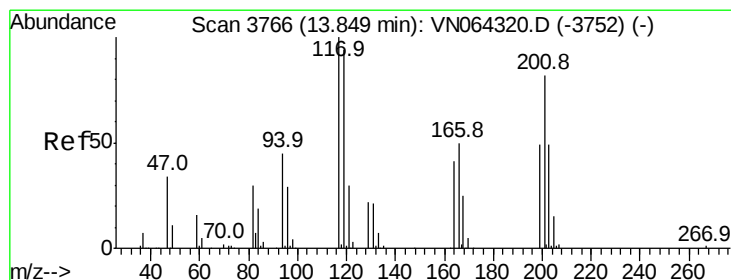
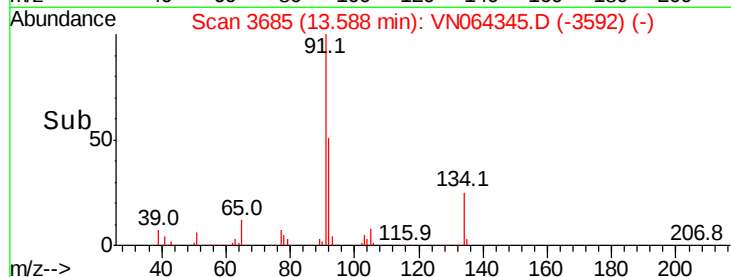
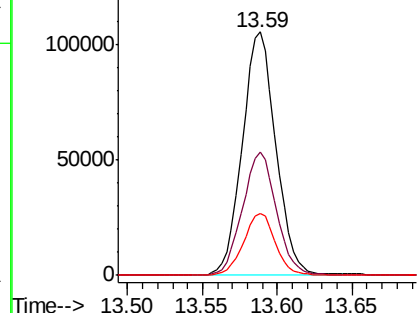
#89
n-Butylbenzene
Concen: 18.145 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampled :
VN1028WBS01

Tot Ion: 91 Resp: 164666
Ion Ratio Lower Upper
91 100
92 51.2 26.2 78.5
134 24.1 12.4 37.4

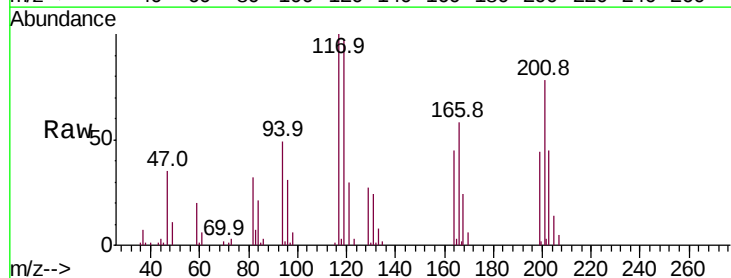


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

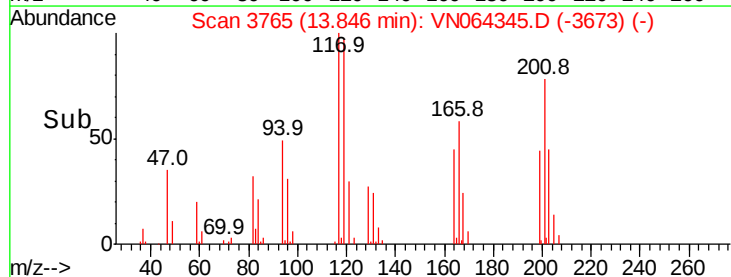
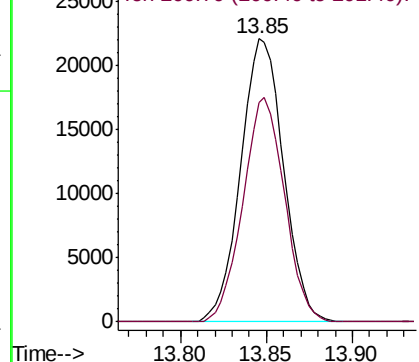


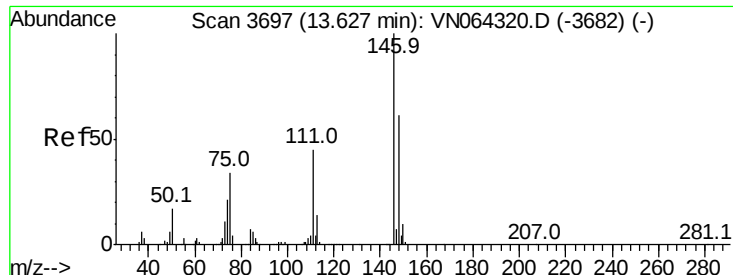
#90
Hexachloroethane
Concen: 19.726 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion: 117 Resp: 38161
Ion Ratio Lower Upper
117 100
201 77.0 39.8 119.3



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.967 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VN1028WBS01

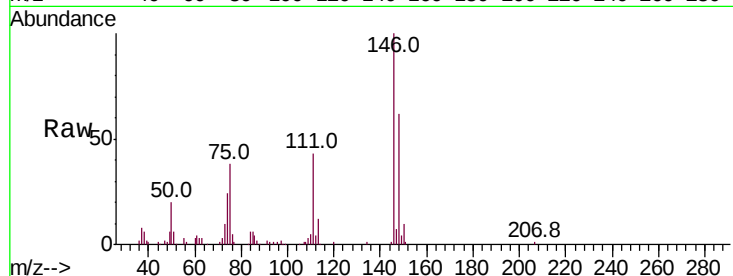
Tot Ion:146 Resp: 102868

Ion Ratio Lower Upper

146 100

111 44.7 23.0 69.0

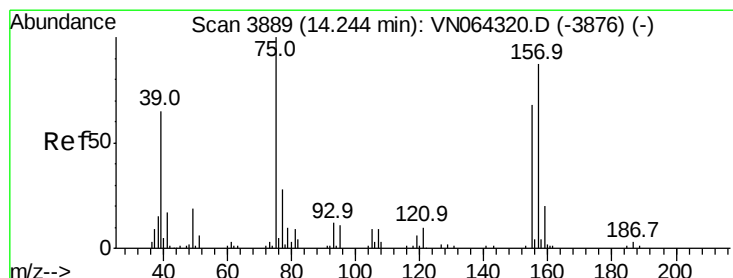
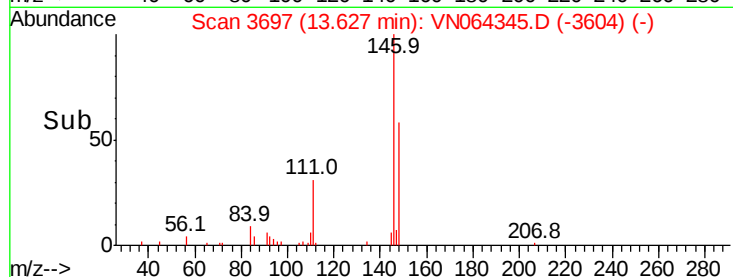
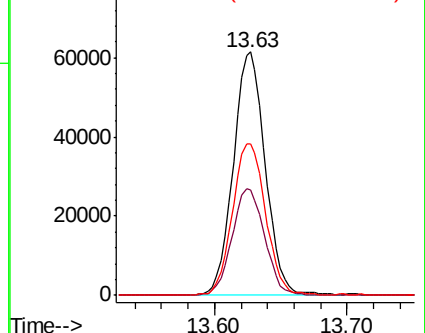
148 64.6 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.701 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN064345.D

Acq: 28 Oct 2020 12:18

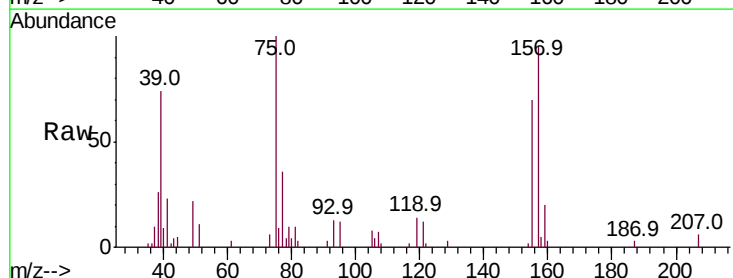
Tgt Ion: 75 Resp: 19000

Ion Ratio Lower Upper

75 100

155 58.6 35.1 105.5

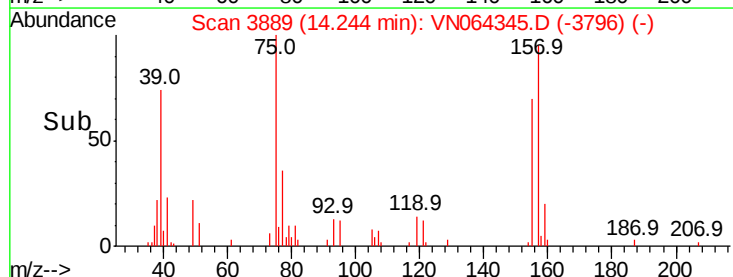
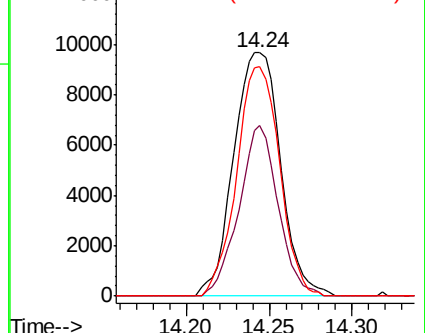
157 86.6 43.2 129.6

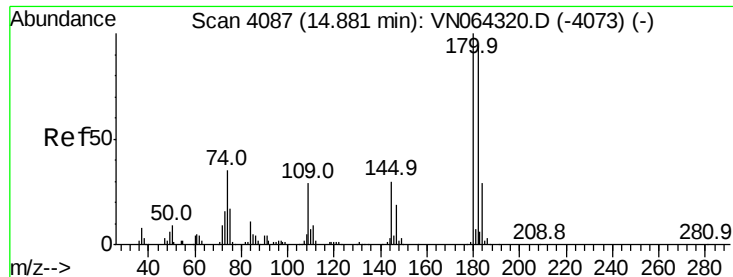


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

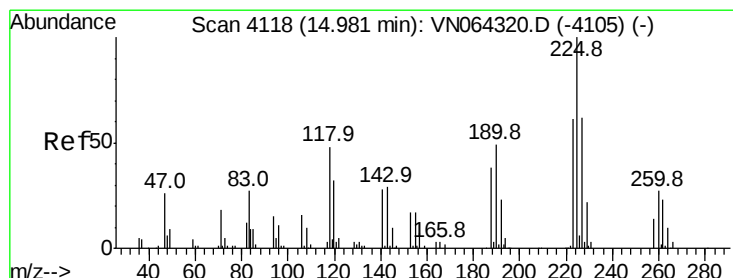
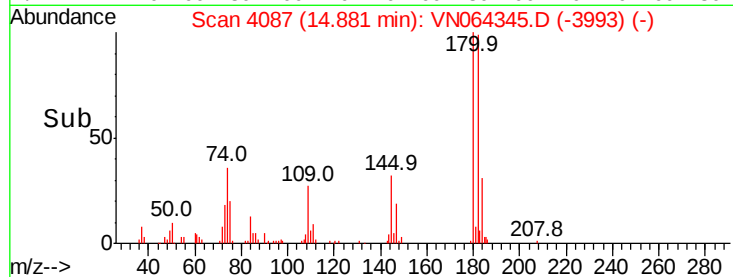
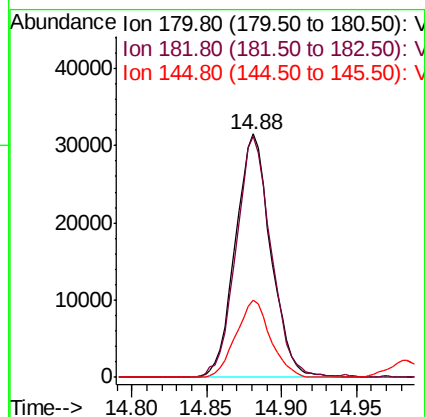
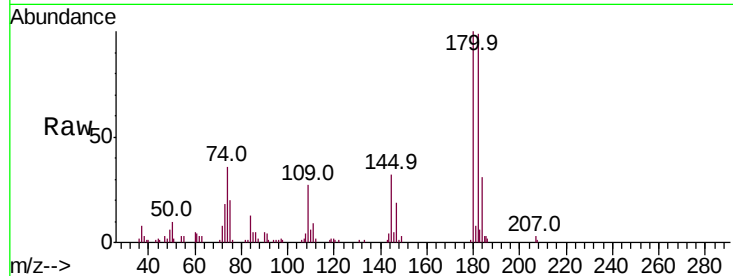




#93
 1,2,4-Trichlorobenzene
 Concen: 18.010 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

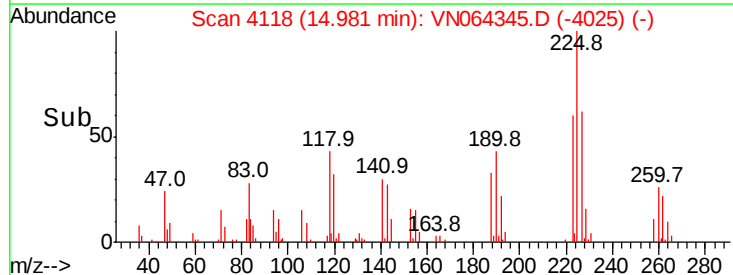
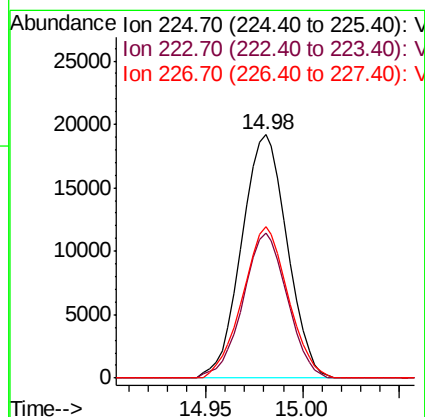
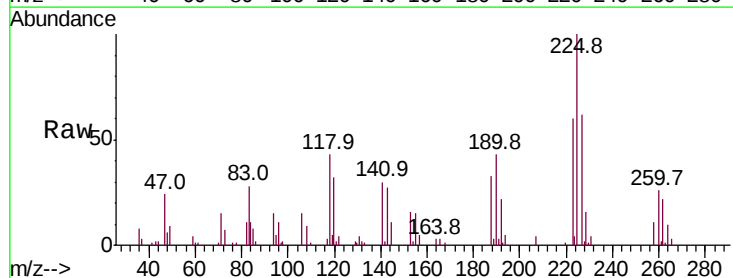
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028WBS01

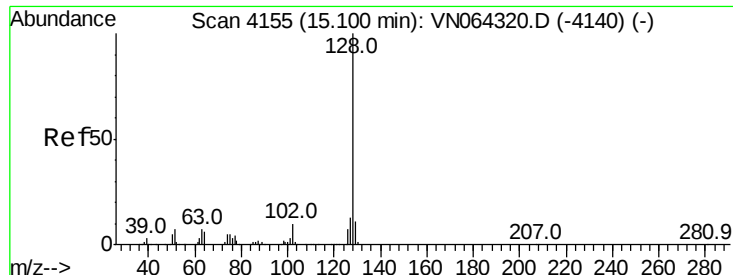
Tot Ion:180 Resp: 51944
 Ion Ratio Lower Upper
 180 100
 182 98.2 46.6 139.7
 145 30.7 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 18.848 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064345.D
 Acq: 28 Oct 2020 12:18

Tgt Ion:225 Resp: 31369
 Ion Ratio Lower Upper
 225 100
 223 58.0 31.3 93.8
 227 62.2 32.3 96.9

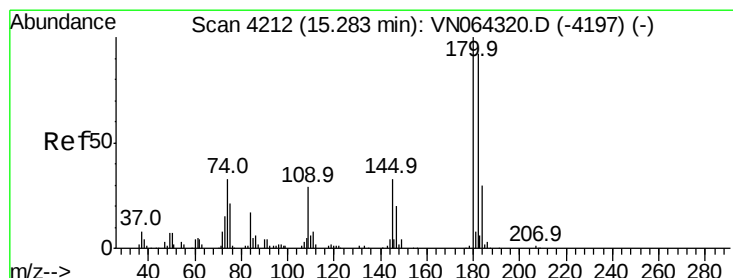
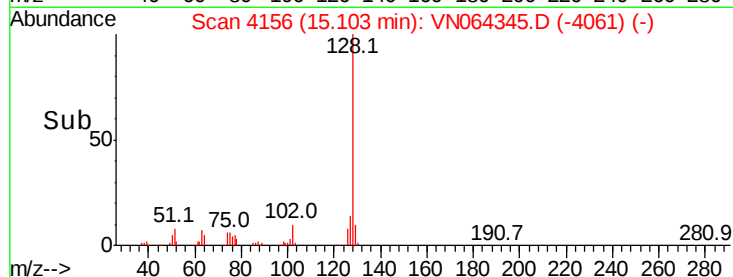
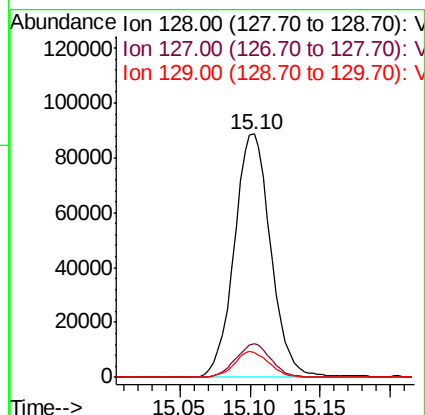
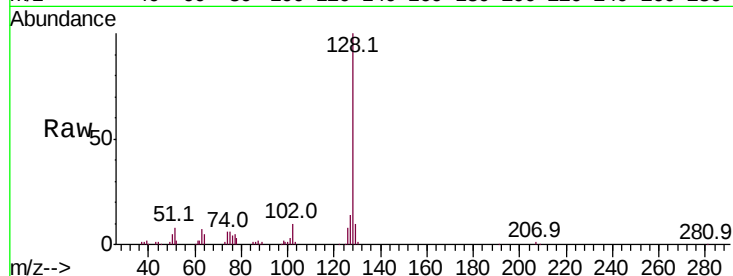




#95
Naphthalene
Concen: 18.303 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VN1028WBS01

Tot Ion:128 Resp: 160502
Ion Ratio Lower Upper
128 100
127 13.3 10.4 15.6
129 10.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.477 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064345.D
Acq: 28 Oct 2020 12:18

Tgt Ion:180 Resp: 51193
Ion Ratio Lower Upper
180 100
182 95.5 46.1 138.3
145 34.4 16.2 48.5

