

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102720\
 Data File : VN064329.D
 Acq On : 27 Oct 2020 16:28
 Operator : JC/MD
 Sample : VN1027WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

Quant Time: Oct 28 04:27:21 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	247433	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	400676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	366158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	169282	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	194263	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	7.55	113	135289	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
50) Toluene-d8	10.06	98	475493	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	186266	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52302	18.389	ug/l	96
3) Chloromethane	2.04	50	56058	18.233	ug/l	95
4) Vinyl Chloride	2.16	62	54681	18.387	ug/l	98
5) Bromomethane	2.53	94	37404	19.465	ug/l	93
6) Chloroethane	2.67	64	33542	18.875	ug/l	91
7) Trichlorofluoromethane	2.98	101	95767	19.222	ug/l	98
8) Diethyl Ether	3.37	74	28767	18.252	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	46674	18.639	ug/l	97
10) Methyl Iodide	3.91	142	58047	17.371	ug/l	100
11) Tert butyl alcohol	4.74	59	49372	85.536	ug/l	97
12) 1,1-Dichloroethene	3.69	96	44247	18.718	ug/l	93
13) Acrolein	3.57	56	12263	108.657	ug/l	87
14) Allyl chloride	4.28	41	89043	18.447	ug/l	93
15) Acrylonitrile	4.93	53	116876	94.158	ug/l	99
16) Acetone	3.78	43	116440	80.928	ug/l	98
17) Carbon Disulfide	4.01	76	123156	17.609	ug/l	96
18) Methyl Acetate	4.28	43	53573	17.936	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	167774	18.472	ug/l	98
20) Methylene Chloride	4.50	84	24233	8.593	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	49145	18.636	ug/l #	88
22) Diisopropyl ether	5.90	45	179079	18.981	ug/l	94
23) Vinyl Acetate	5.84	43	758830	95.068	ug/l	98
24) 1,1-Dichloroethane	5.80	63	99253	18.800	ug/l	97
25) 2-Butanone	6.79	43	170014	85.158	ug/l	98
26) 2,2-Dichloropropane	6.78	77	93377	18.072	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	56284	18.650	ug/l	98
28) Bromochloromethane	7.15	49	43911	17.457	ug/l	96
29) Tetrahydrofuran	7.16	42	115637	89.220	ug/l	99
30) Chloroform	7.33	83	104772	18.593	ug/l	99
31) Cyclohexane	7.61	56	87508	18.963	ug/l #	95
32) 1,1,1-Trichloroethane	7.53	97	99264	18.344	ug/l	98
36) 1,1-Dichloropropene	7.75	75	75908	18.772	ug/l	98
37) Ethyl Acetate	6.88	43	69180	16.937	ug/l	98
38) Carbon Tetrachloride	7.74	117	91637	19.547	ug/l	98

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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)
39) Methylcyclohexane	9.05	83	74802	18.656	ug/l	96
40) Benzene	8.00	78	211606	18.800	ug/l	99
41) Methacrylonitrile	7.12	41	26264	12.953	ug/l #	72
42) 1,2-Dichloroethane	8.09	62	93615	19.253	ug/l	100
43) Isopropyl Acetate	8.13	43	130230	18.651	ug/l #	93
44) Trichloroethene	8.80	130	57888	19.632	ug/l	95
45) 1,2-Dichloropropane	9.09	63	56587	18.774	ug/l	98
46) Dibromomethane	9.17	93	40796	19.347	ug/l	98
47) Bromodichloromethane	9.37	83	85754	18.351	ug/l	98
48) Methyl methacrylate	9.16	41	64615	17.937	ug/l	98
49) 1,4-Dioxane	9.17	88	18933	356.572	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	370018	91.167	ug/l	100
52) Toluene	10.12	92	132196	18.612	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	91443	18.507	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	98997	19.463	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	52936	18.881	ug/l	98
56) Ethyl methacrylate	10.40	69	80076	18.868	ug/l	97
57) 1,3-Dichloropropane	10.68	76	91493	19.130	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	192683	83.198	ug/l	99
59) 2-Hexanone	10.72	43	269761	90.245	ug/l	98
60) Dibromochloromethane	10.87	129	62921	18.981	ug/l	99
61) 1,2-Dibromoethane	10.97	107	56588	19.809	ug/l	100
64) Tetrachloroethene	10.60	164	56550	18.791	ug/l	97
65) Chlorobenzene	11.41	112	142572	19.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	55852	18.615	ug/l	94
67) Ethyl Benzene	11.48	91	264658	19.177	ug/l	98
68) m/p-Xylenes	11.59	106	191967	37.534	ug/l	98
69) o-Xylene	11.92	106	91450	18.560	ug/l	96
70) Styrene	11.94	104	153636	19.017	ug/l	99
71) Bromoform	12.10	173	41804	17.752	ug/l #	97
73) Isopropylbenzene	12.22	105	244403	19.277	ug/l	99
74) N-amyl acetate	12.05	43	104418	18.711	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	70514	19.133	ug/l	95
76) 1,2,3-Trichloropropane	12.52	75	104631	25.810	ug/l #	100
77) Bromobenzene	12.50	156	59637	19.209	ug/l	99
78) n-propylbenzene	12.57	91	276176	19.240	ug/l	99
79) 2-Chlorotoluene	12.65	91	176439	19.229	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	210629	19.633	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	25548	18.154	ug/l	92
82) 4-Chlorotoluene	12.75	91	183834	19.666	ug/l	99
83) tert-Butylbenzene	12.97	119	170601	19.379	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	204710	19.097	ug/l	100
85) sec-Butylbenzene	13.14	105	218357	19.167	ug/l	99
86) p-Isopropyltoluene	13.26	119	198224	19.314	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	103359	19.017	ug/l	97
88) 1,4-Dichlorobenzene	13.34	146	100727	18.196	ug/l	99
89) n-Butylbenzene	13.59	91	166303	18.394	ug/l	99
90) Hexachloroethane	13.85	117	34598	17.950	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	100576	18.613	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17455	19.088	ug/l	98

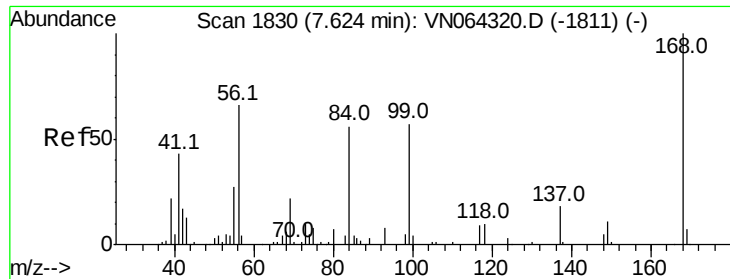
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Quant Title : SW846 8260
QLast Update : Tue Oct 27 12:23:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	54472	18.850	ug/l	98
94) Hexachlorobutadiene	14.98	225	30533	18.413	ug/l	99
95) Naphthalene	15.10	128	156120	17.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	50171	18.211	ug/l	94

(#) = 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: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

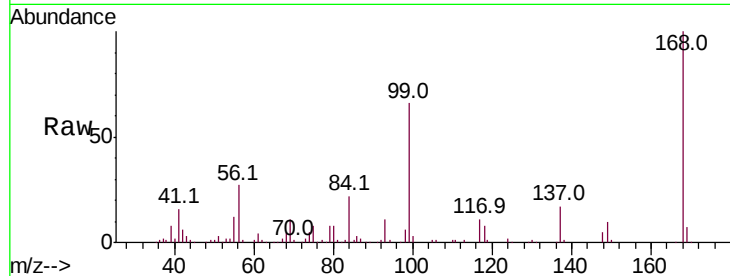
VN1027WBS01

Tot Ion:168 Resp: 247433

Ion Ratio Lower Upper

168 100

99 65.8 52.7 79.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

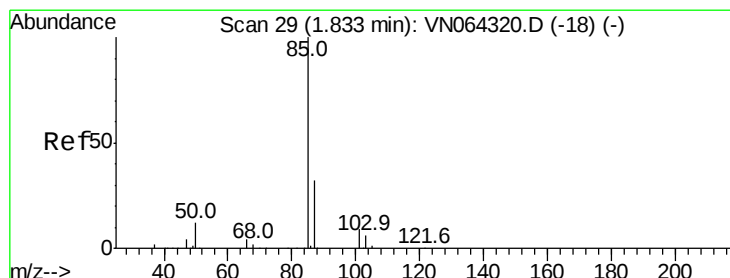
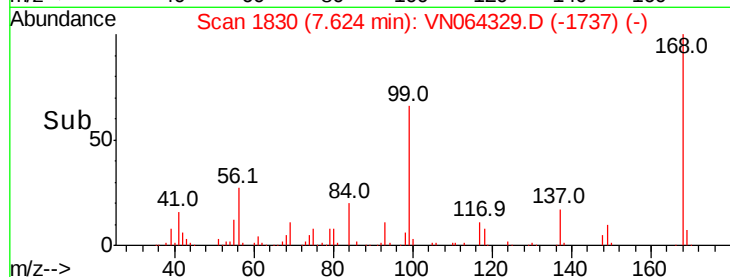
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.389 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064329.D

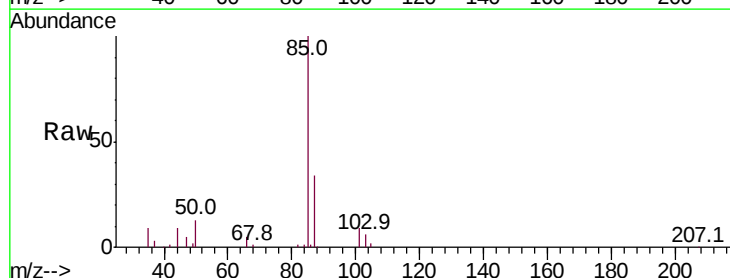
Acq: 27 Oct 2020 16:28

Tgt Ion: 85 Resp: 52302

Ion Ratio Lower Upper

85 100

87 34.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

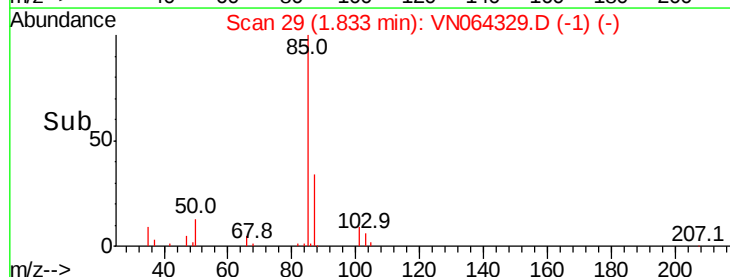
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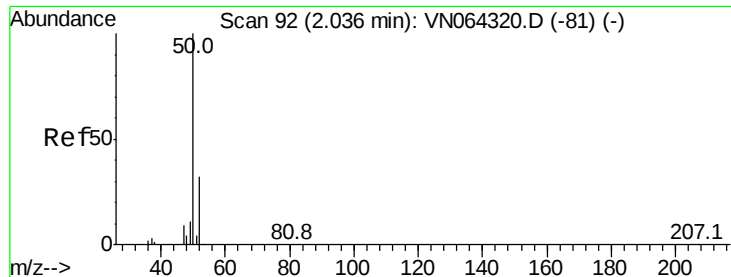
20000

10000

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Time-->





#3

Chloromethane

Concen: 18.233 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

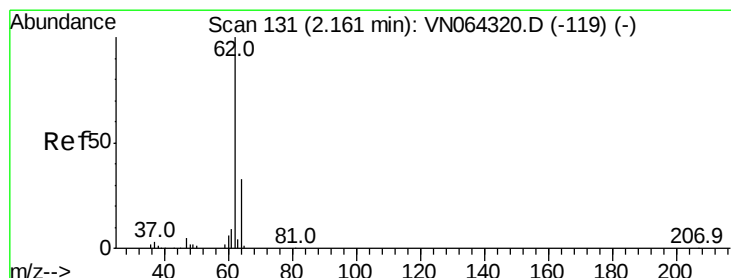
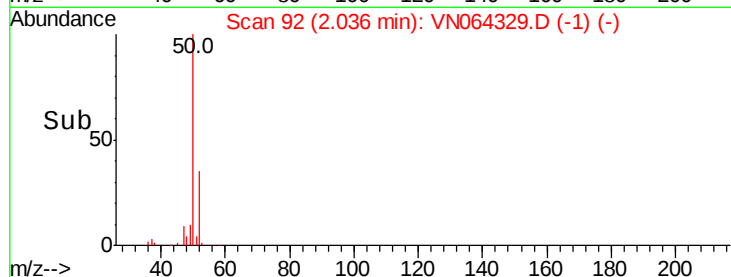
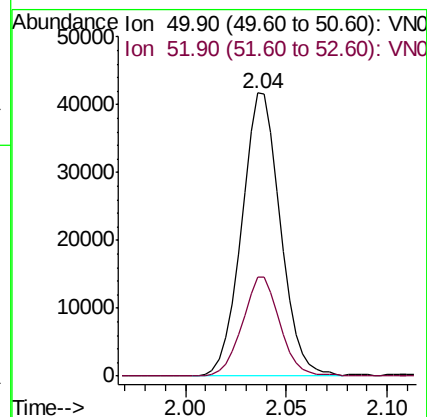
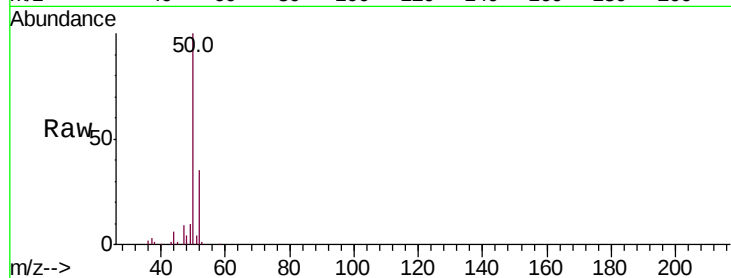
VN1027WBS01

Tot Ion: 50 Resp: 56058

Ion Ratio Lower Upper

50 100

52 34.9 25.6 38.4



#4

Vinyl Chloride

Concen: 18.387 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064329.D

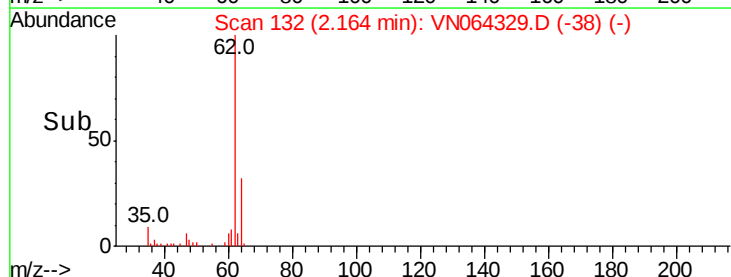
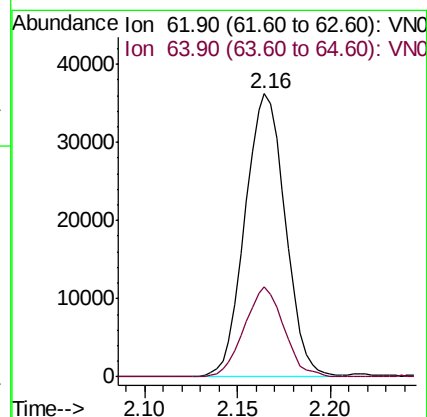
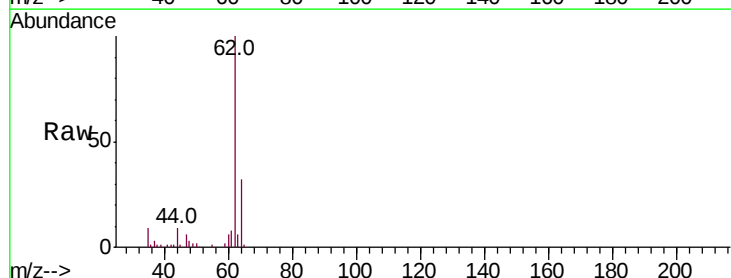
Acq: 27 Oct 2020 16:28

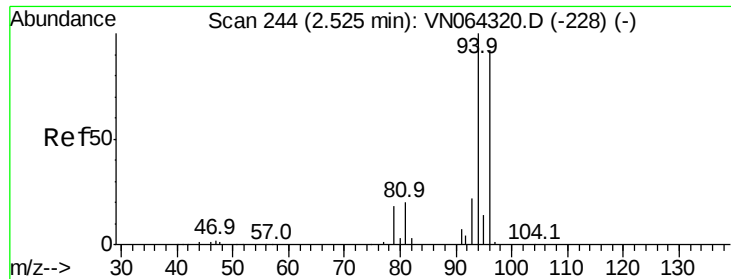
Tgt Ion: 62 Resp: 54681

Ion Ratio Lower Upper

62 100

64 31.6 26.2 39.4





#5

Bromomethane

Concen: 19.465 ug/l

RT: 2.53 min Scan# 246

Delta R.T. 0.01 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

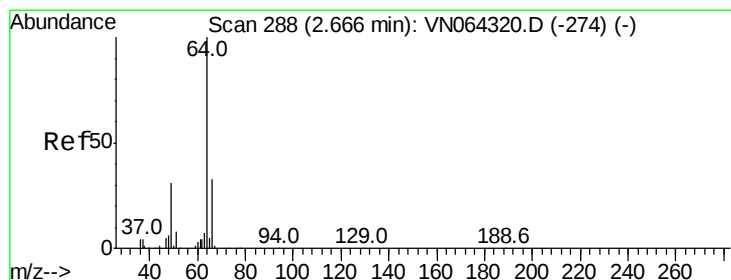
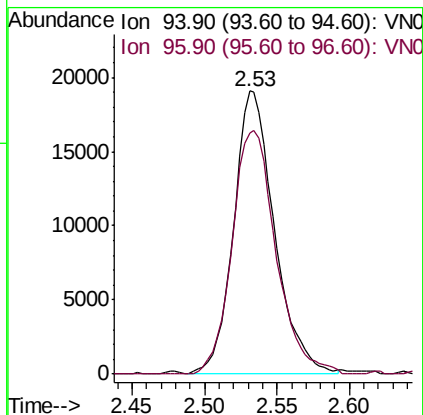
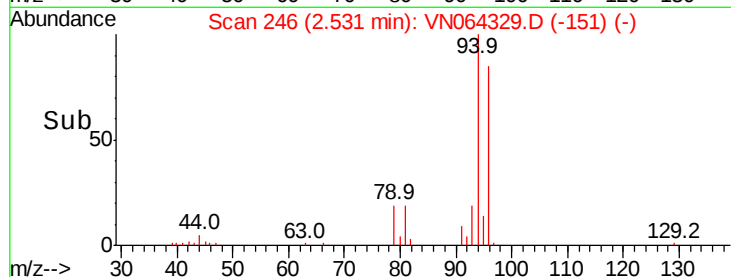
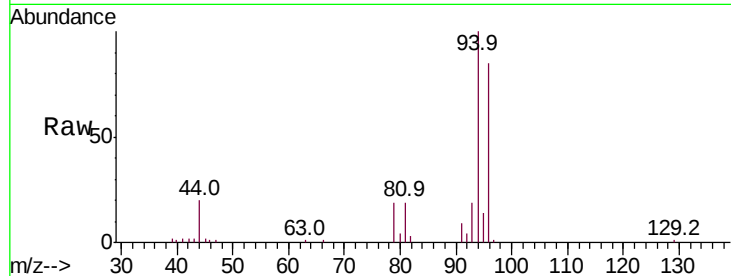
VN1027WBS01

Tot Ion: 94 Resp: 37404

Ion Ratio Lower Upper

94 100

96 85.2 73.6 110.4



#6

Chloroethane

Concen: 18.875 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064329.D

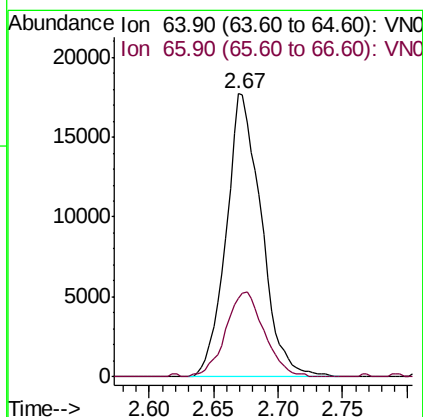
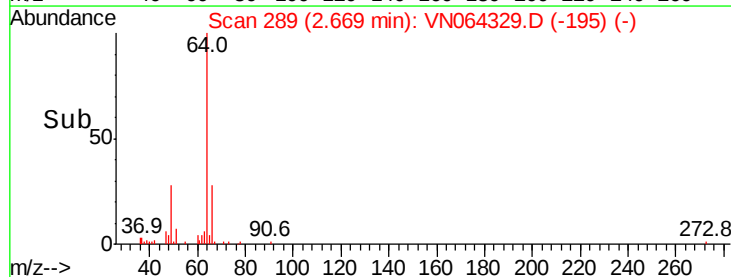
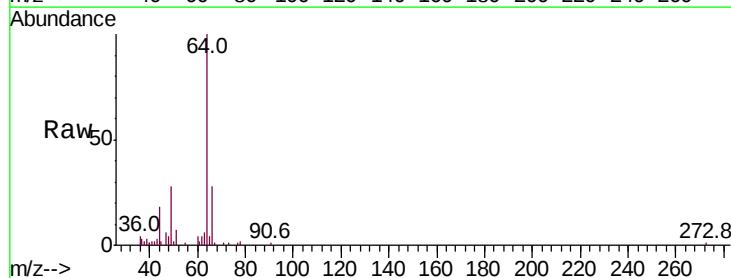
Acq: 27 Oct 2020 16:28

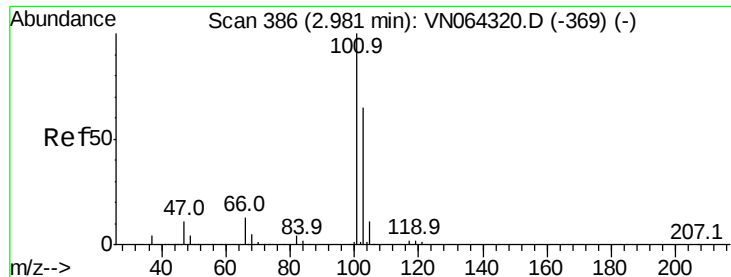
Tgt Ion: 64 Resp: 33542

Ion Ratio Lower Upper

64 100

66 27.9 26.5 39.7



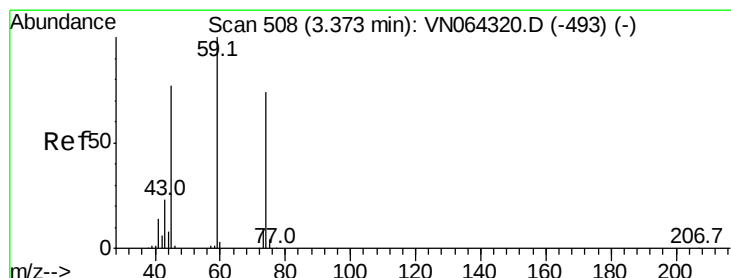
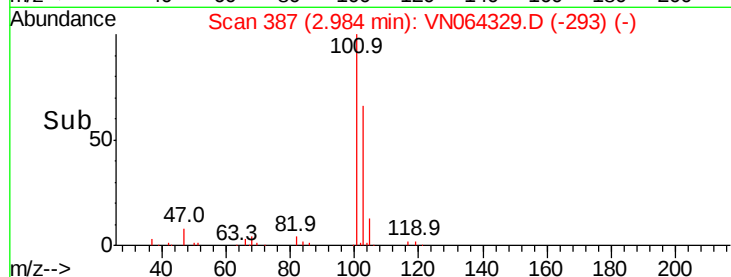
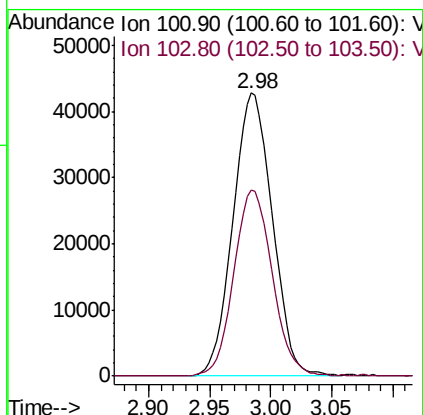
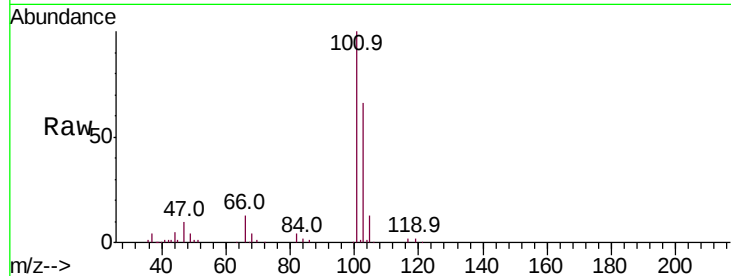


#7

Trichlorofluoromethane
 Concen: 19.222 ug/l
 RT: 2.98 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Instrument :
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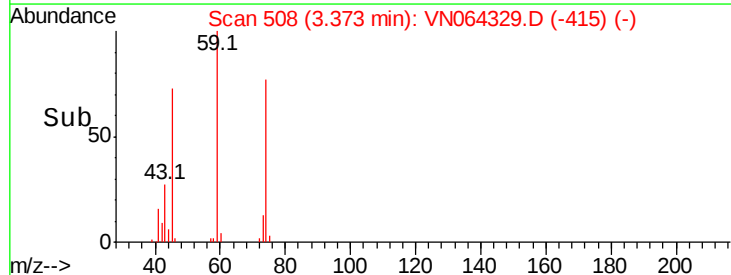
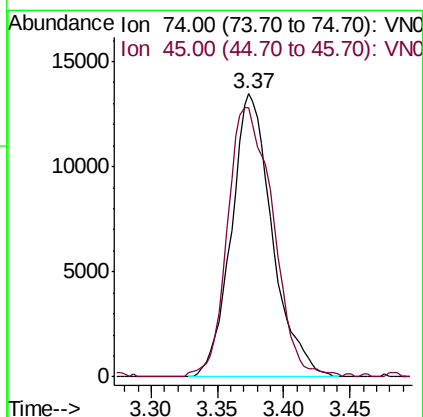
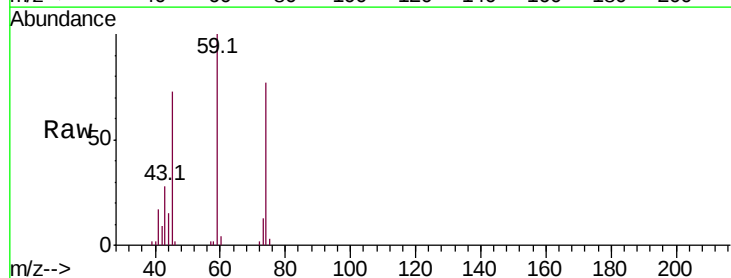
Tot Ion:101 Resp: 95767
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.7 77.5

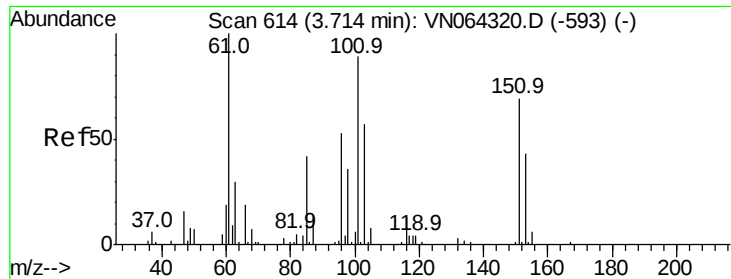


#8

Diethyl Ether
 Concen: 18.252 ug/l
 RT: 3.37 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion: 74 Resp: 28767
 Ion Ratio Lower Upper
 74 100
 45 105.6 51.3 154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.639 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

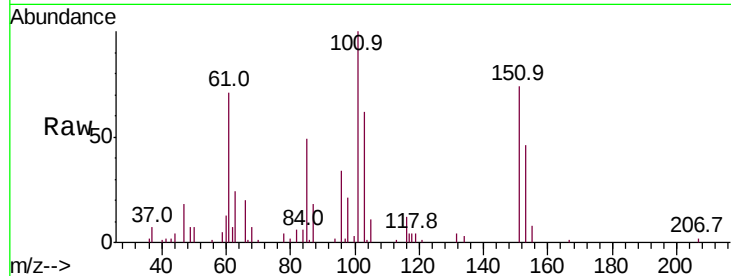
Tot Ion:101 Resp: 46674

Ion Ratio Lower Upper

101 100

85 49.6 38.4 57.6

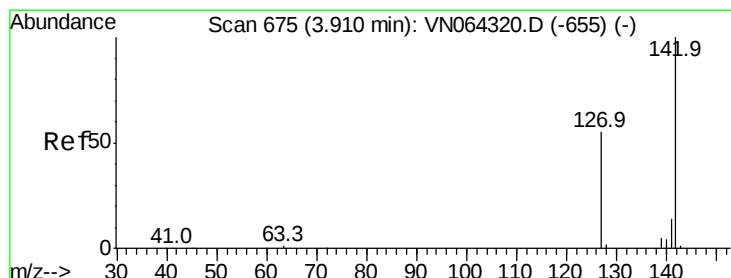
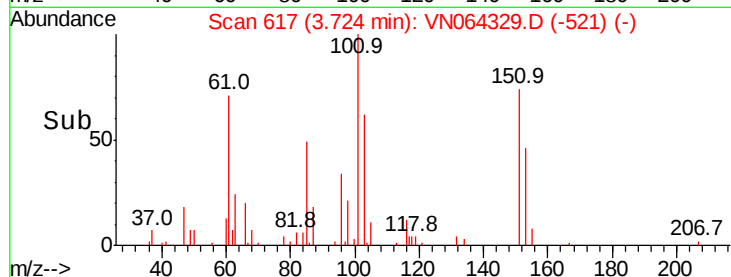
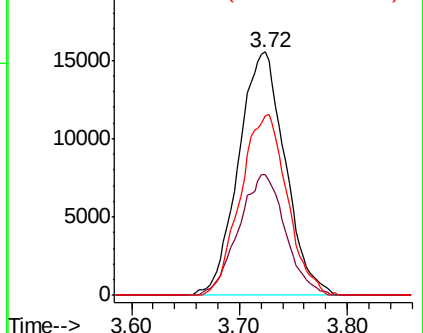
151 73.9 62.0 93.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.371 ug/l

RT: 3.91 min Scan# 676

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

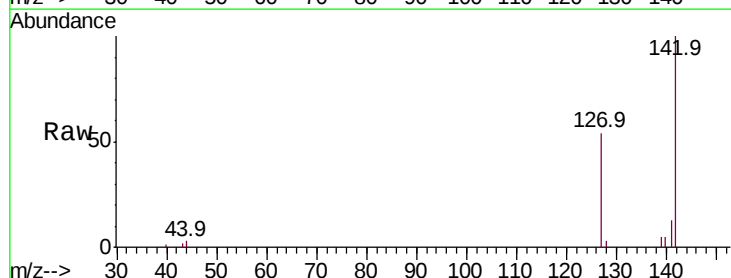
Tgt Ion:142 Resp: 58047

Ion Ratio Lower Upper

142 100

127 54.1 43.3 64.9

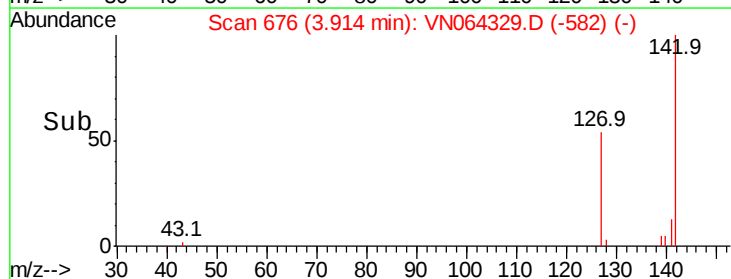
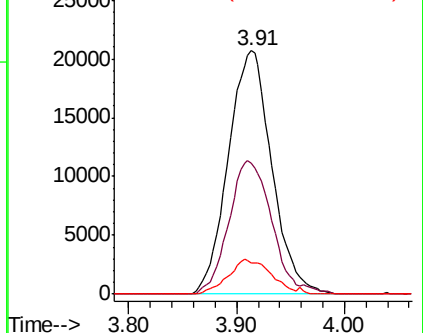
141 13.9 11.5 17.3

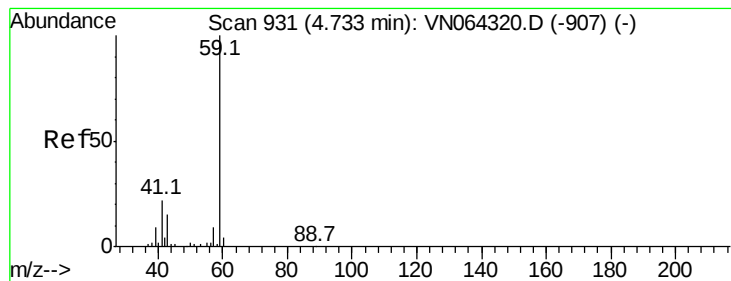


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 85.536 ug/l

RT: 4.74 min Scan# 932

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

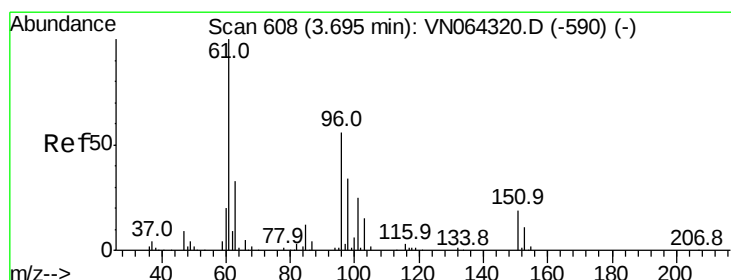
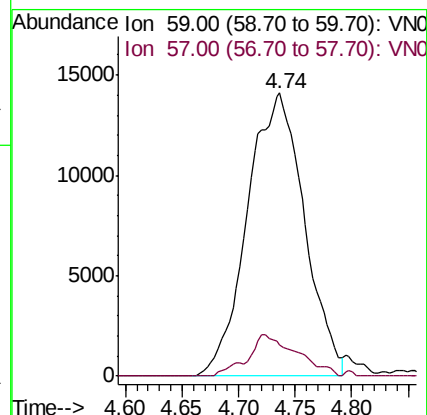
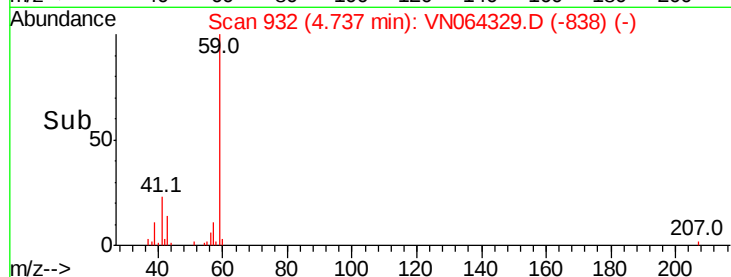
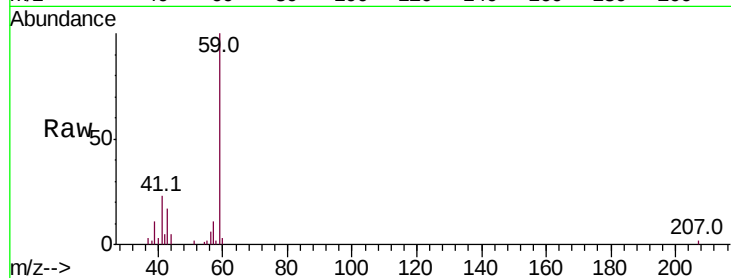
VN1027WBS01

Tot Ion: 59 Resp: 49372

Ion Ratio Lower Upper

59 100

57 12.7 9.4 14.0



#12

1,1-Dichloroethene

Concen: 18.718 ug/l

RT: 3.69 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

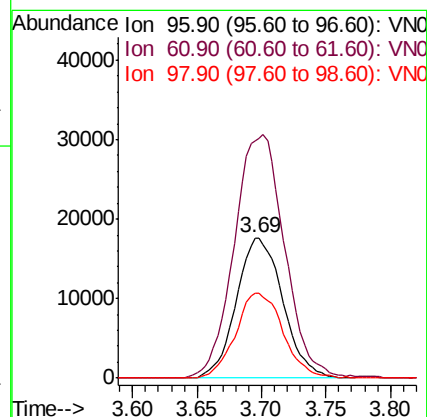
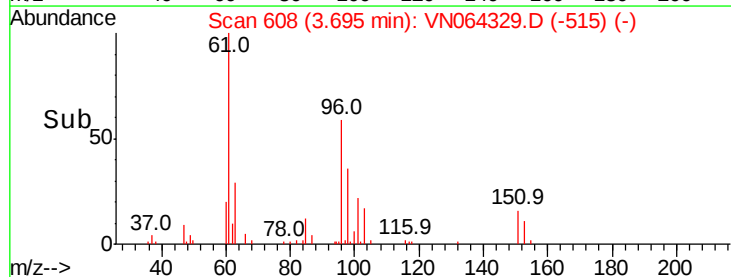
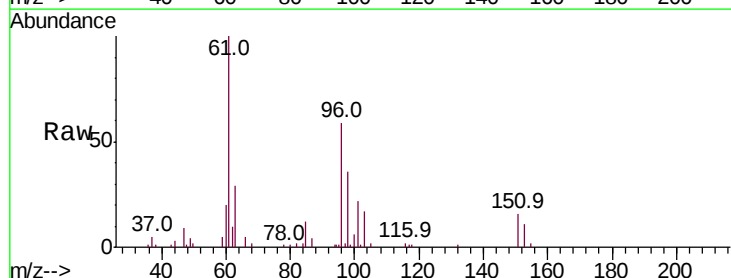
Tgt Ion: 96 Resp: 44247

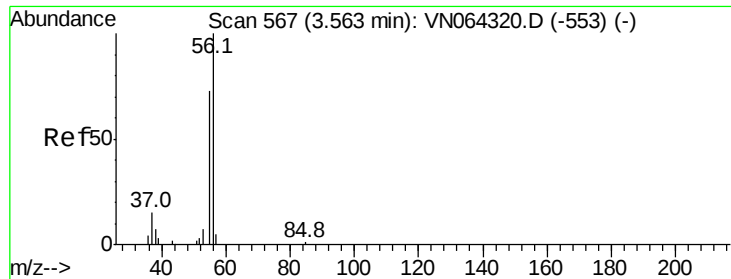
Ion Ratio Lower Upper

96 100

61 167.0 143.6 215.4

98 60.1 48.6 73.0





#13

Acrolein

Concen: 108.657 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.01 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

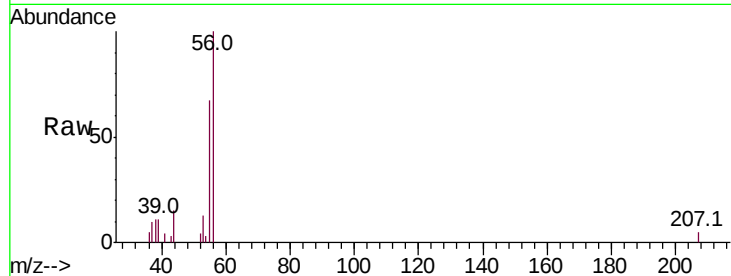
VN1027WBS01

Tot Ion: 56 Resp: 12263

Ion Ratio Lower Upper

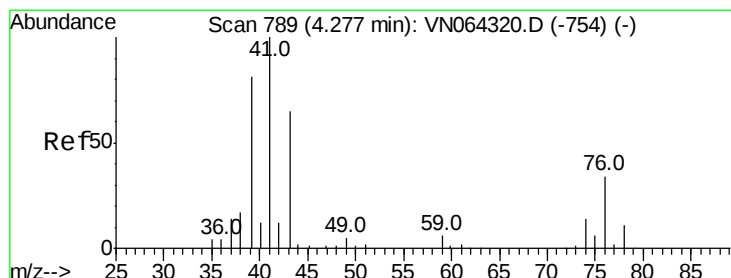
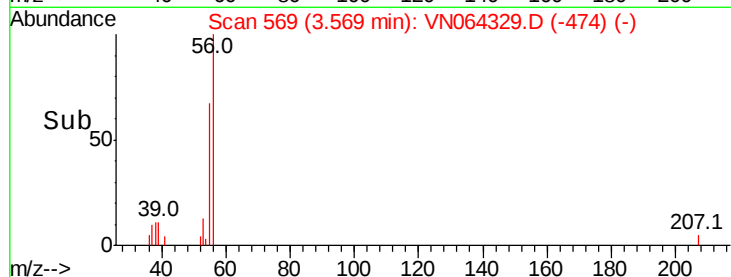
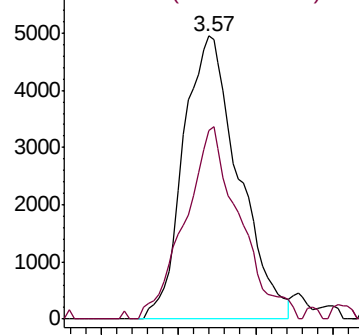
56 100

55 67.2 62.6 94.0



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 18.447 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

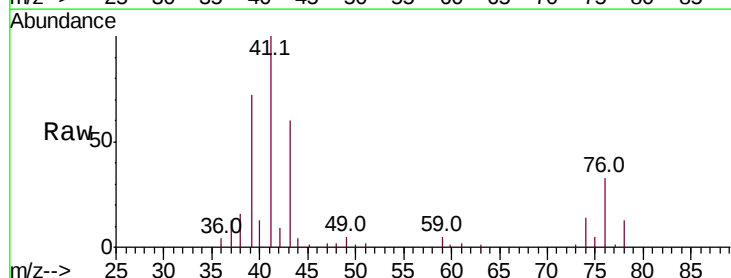
Tgt Ion: 41 Resp: 89043

Ion Ratio Lower Upper

41 100

39 70.1 61.7 92.5

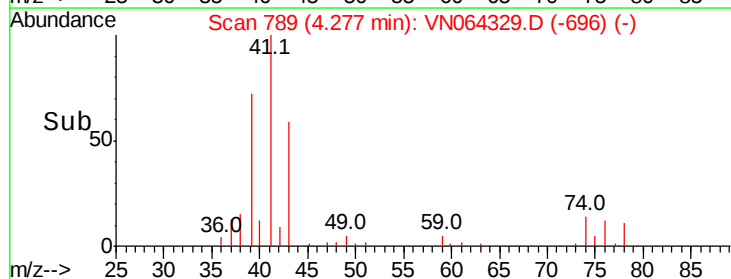
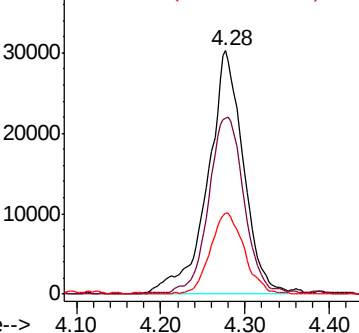
76 31.6 24.0 36.0

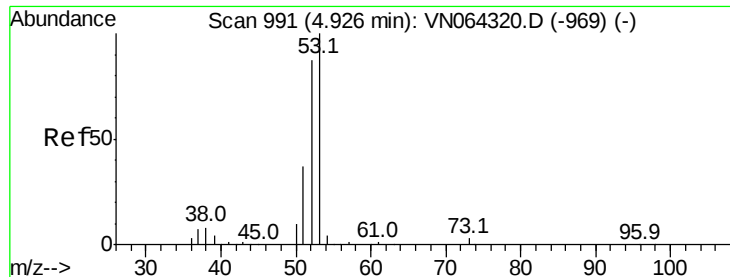


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 94.158 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

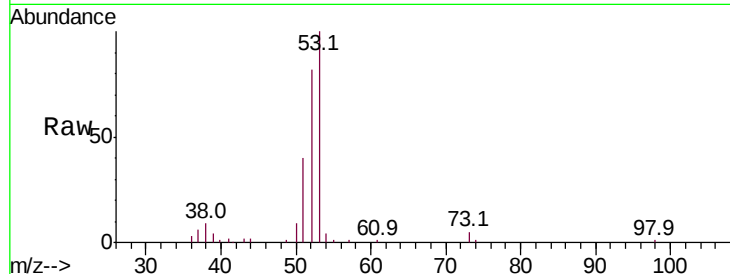
Tot Ion: 53 Resp: 116876

Ion Ratio Lower Upper

53 100

52 81.1 65.9 98.9

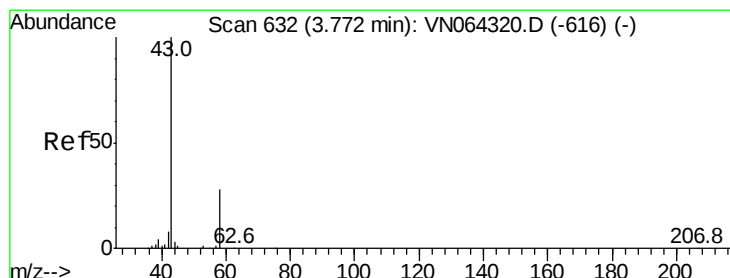
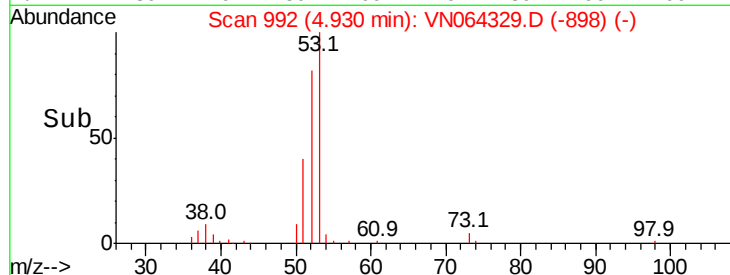
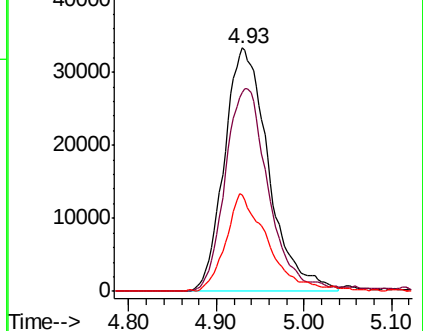
51 37.3 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 80.928 ug/l

RT: 3.78 min Scan# 633

Delta R.T. 0.00 min

Lab File: VN064329.D

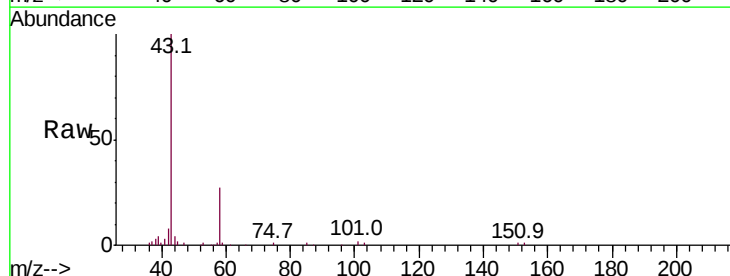
Acq: 27 Oct 2020 16:28

Tgt Ion: 43 Resp: 116440

Ion Ratio Lower Upper

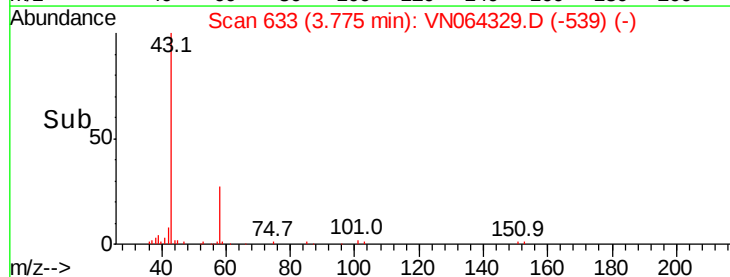
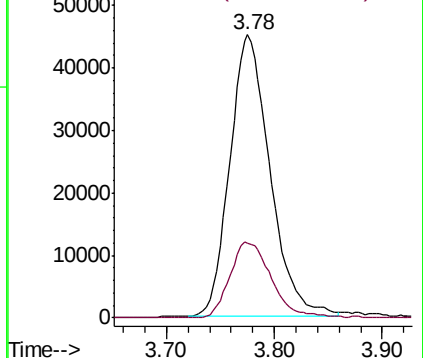
43 100

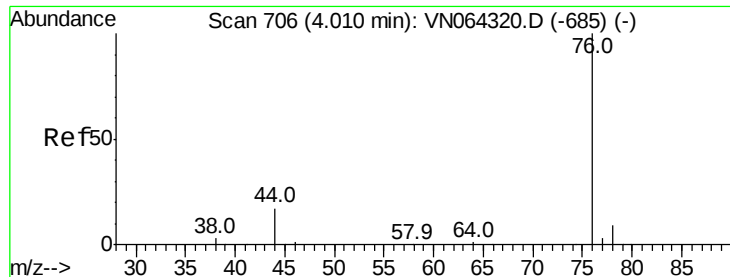
58 26.8 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

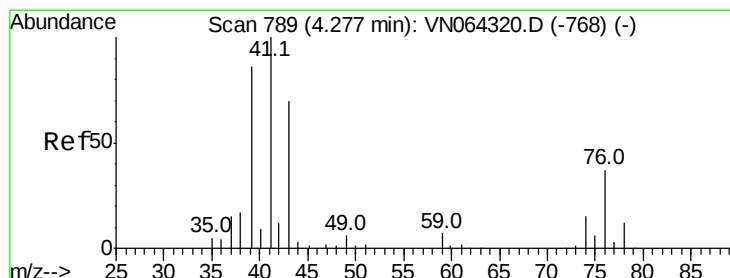
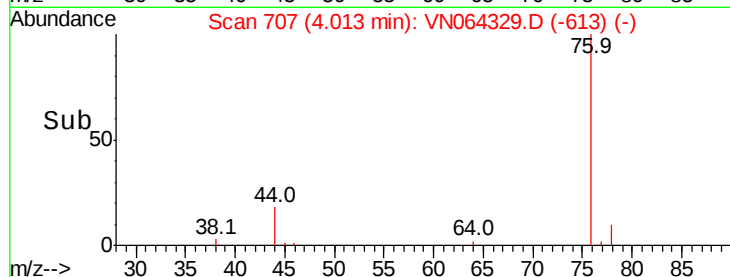
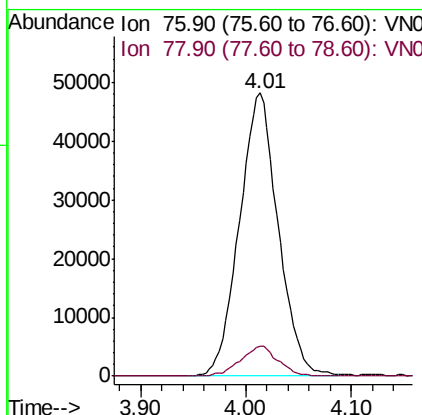
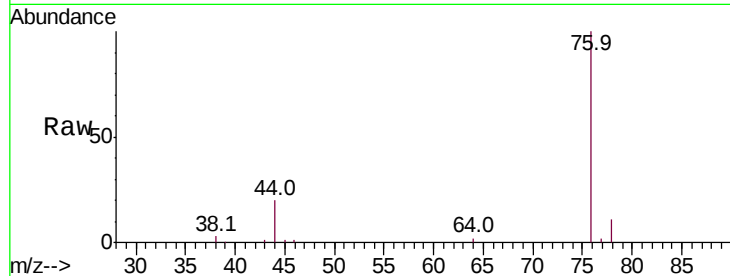




#17
Carbon Disulfide
Concen: 17.609 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

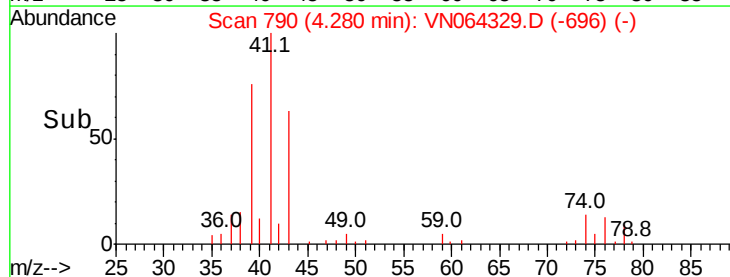
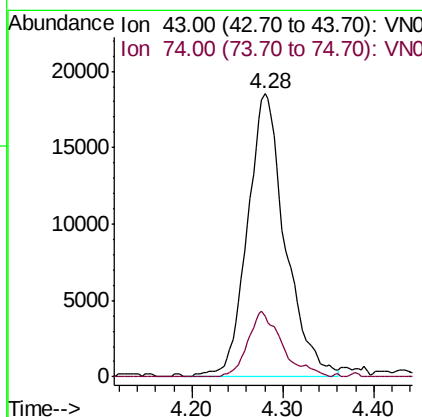
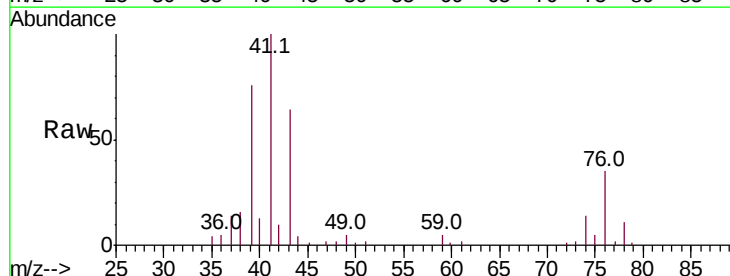
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

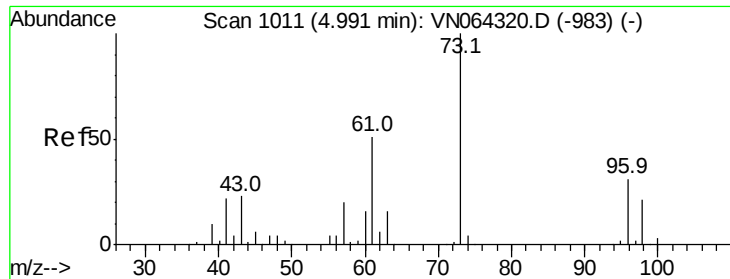
Tot Ion: 76 Resp: 123156
Ion Ratio Lower Upper
76 100
78 10.6 7.3 10.9



#18
Methyl Acetate
Concen: 17.936 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 43 Resp: 53573
Ion Ratio Lower Upper
43 100
74 21.0 16.7 25.1

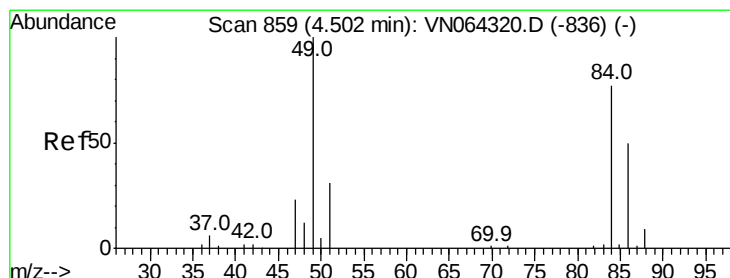
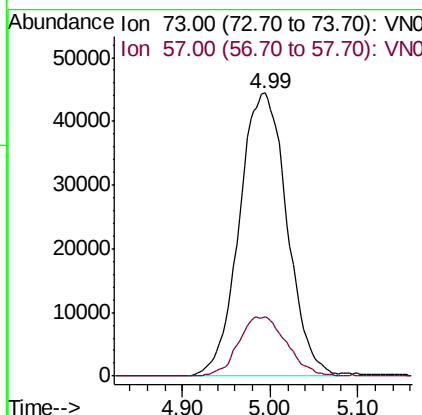
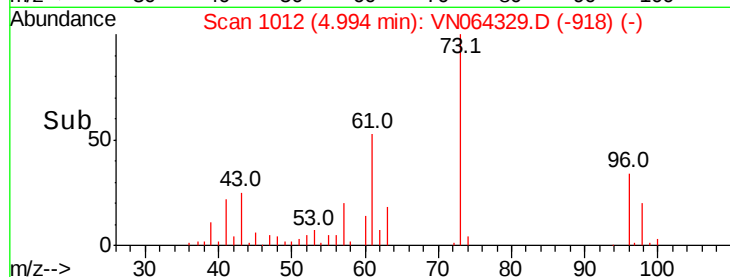
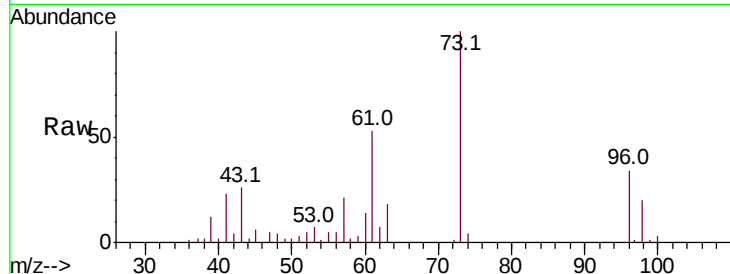




#19
Methvl tert-butvl Ether
Concen: 18.472 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

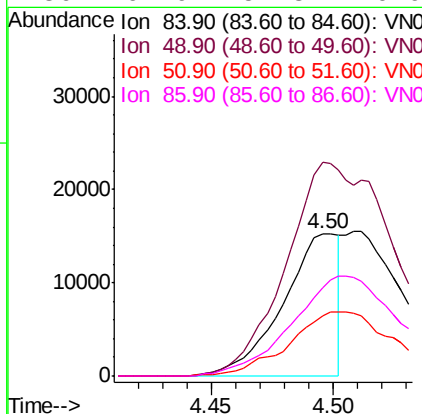
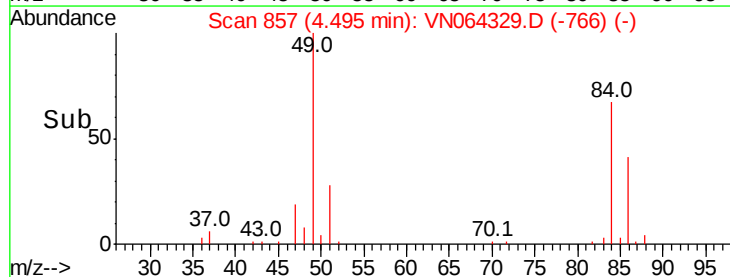
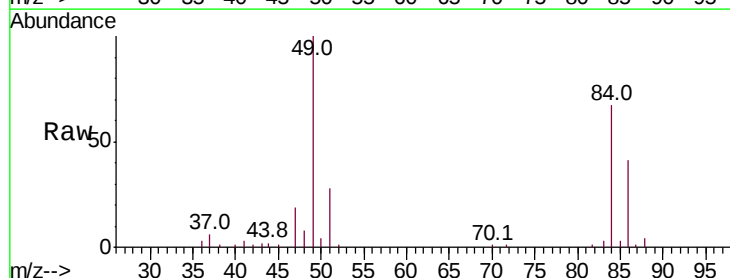
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

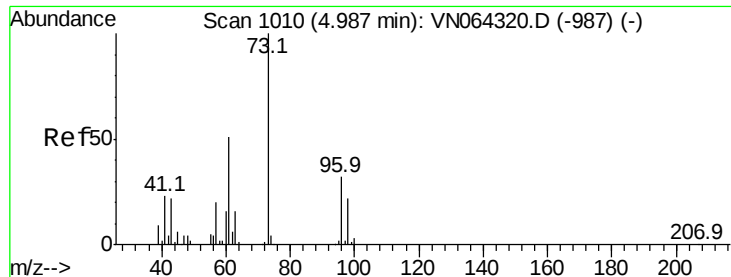
Tot Ion: 73 Resp: 167774
Ion Ratio Lower Upper
73 100
57 20.9 16.1 24.1



#20
Methylene Chloride
Concen: 8.593 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.01 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 84 Resp: 24233
Ion Ratio Lower Upper
84 100
49 149.7 103.6 155.4
51 42.1 31.8 47.8
86 61.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 18.636 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

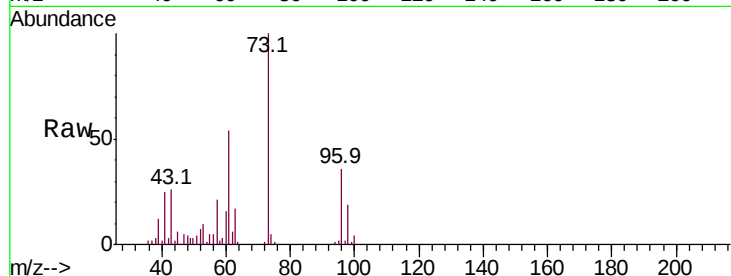
Tot Ion: 96 Resp: 49145

Ion Ratio Lower Upper

96 100

61 150.1 128.2 192.2

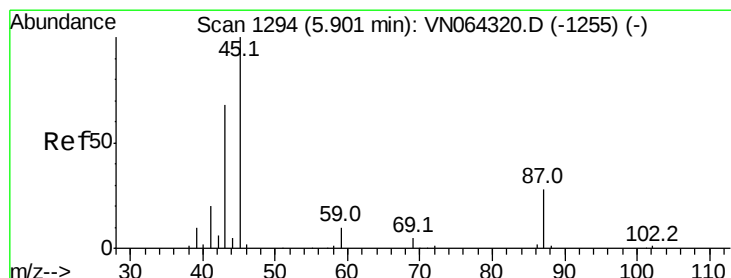
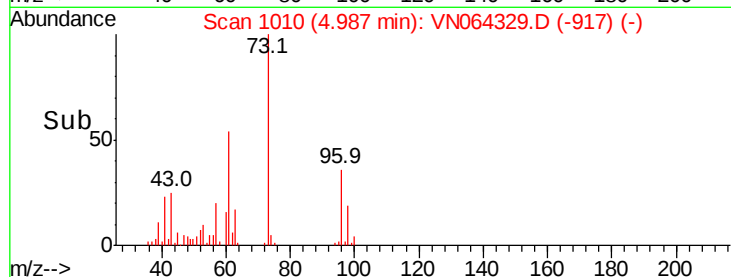
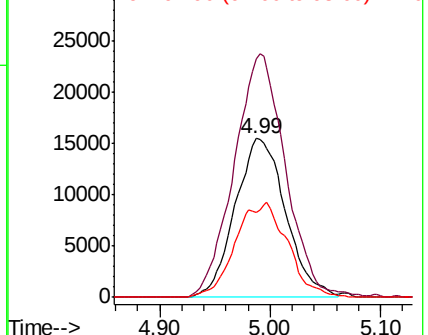
98 53.4 56.1 84.1#



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 18.981 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Tgt Ion: 45 Resp: 179079

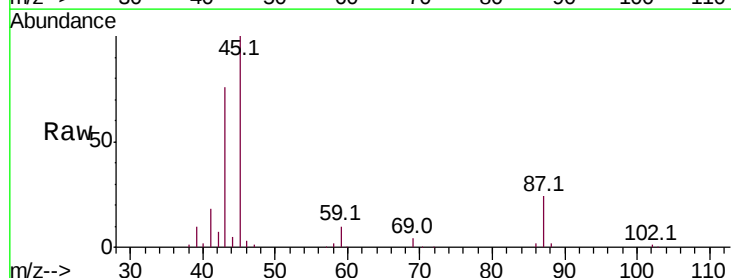
Ion Ratio Lower Upper

45 100

43 73.3 54.6 82.0

87 24.3 22.6 33.8

59 10.2 8.6 12.8

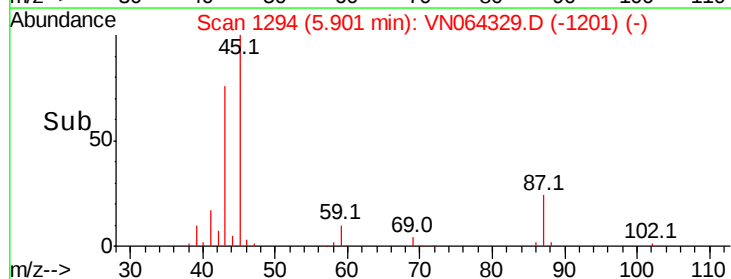
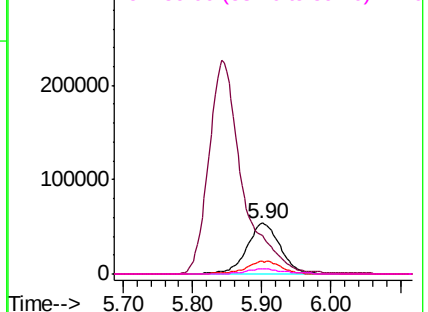


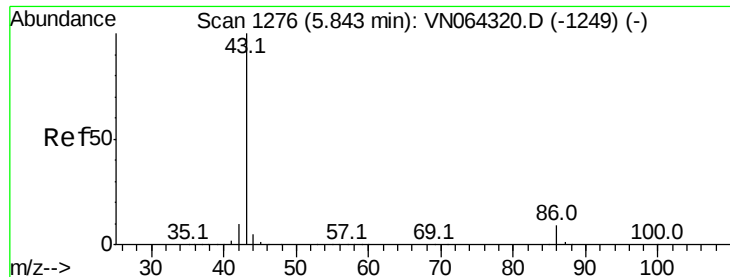
Abundance Ion 45.00 (44.70 to 45.70): VN0

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

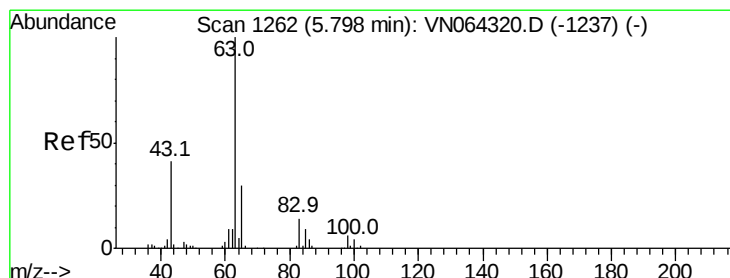
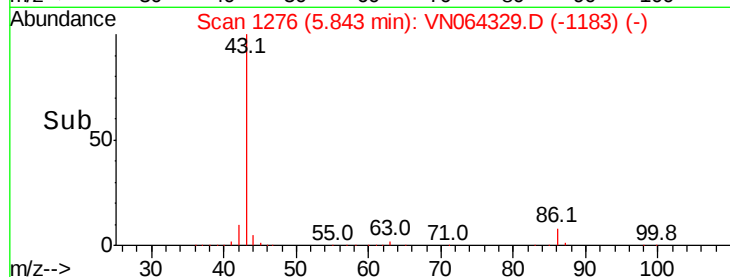
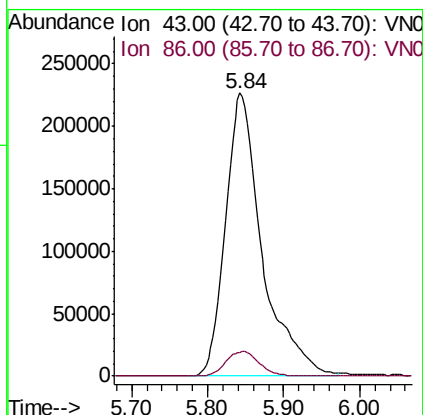
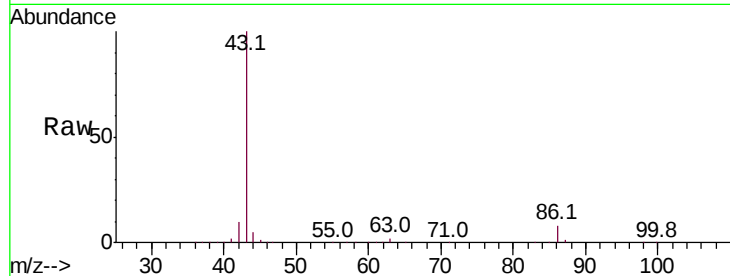




#23
 Vinyl Acetate
 Concen: 95.068 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

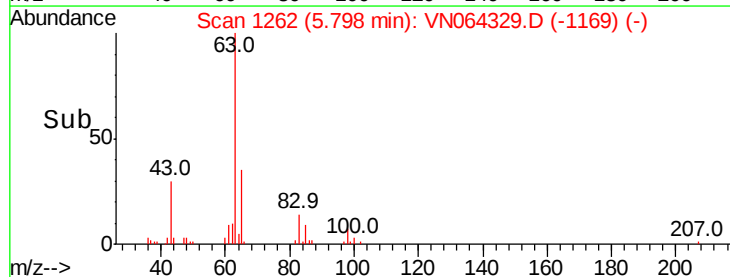
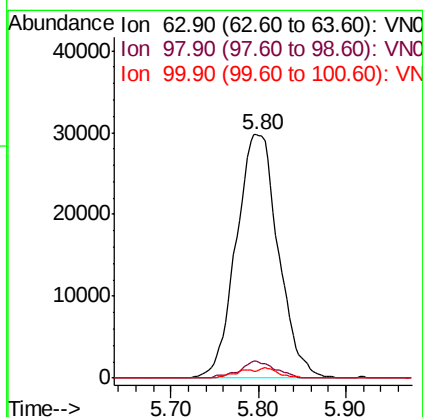
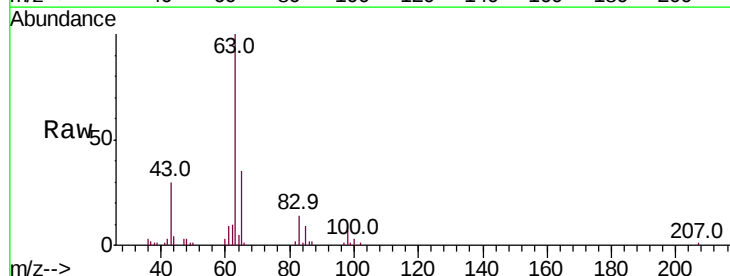
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

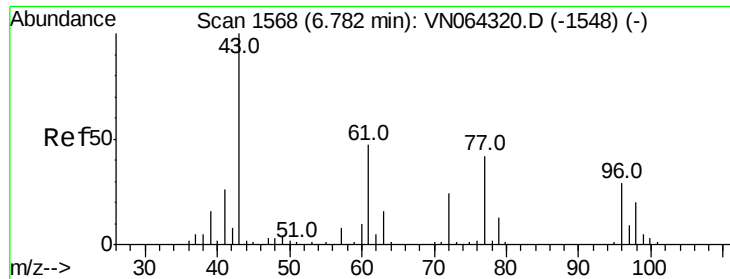
Tot Ion: 43 Resp: 758830
 Ion Ratio Lower Upper
 43 100
 86 8.4 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.800 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion: 63 Resp: 99253
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 2.9 2.0 5.8

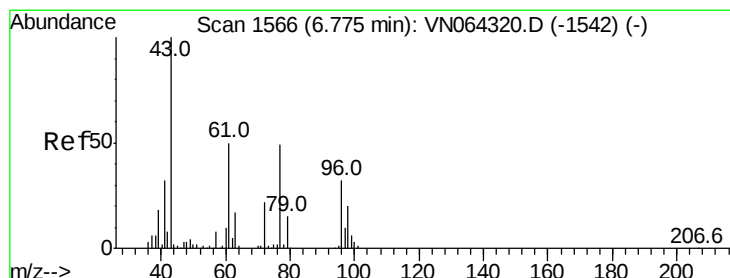
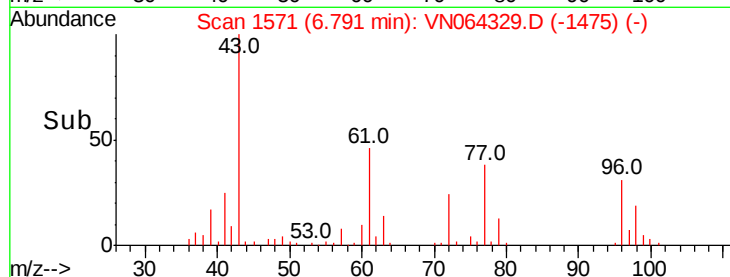
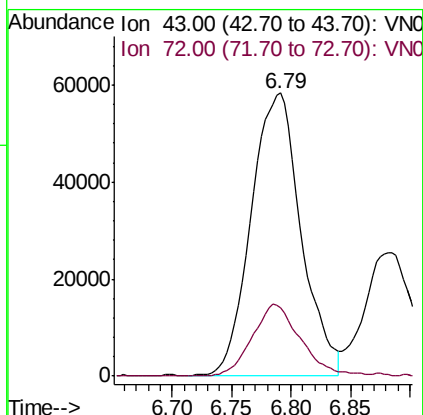
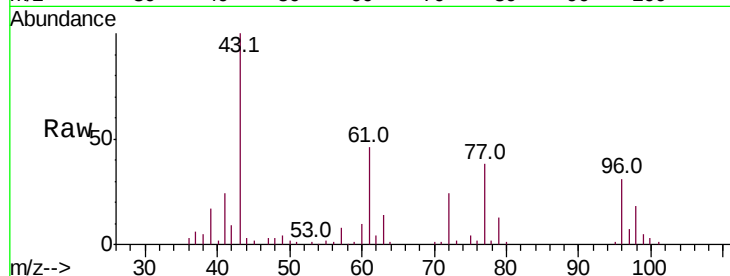




#25
2-Butanone
Concen: 85.158 ug/l
RT: 6.79 min Scan# 1571
Delta R.T. 0.01 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

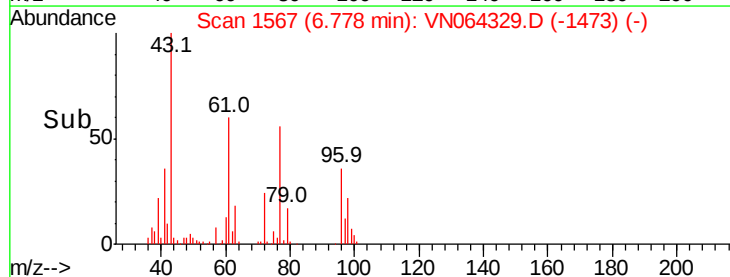
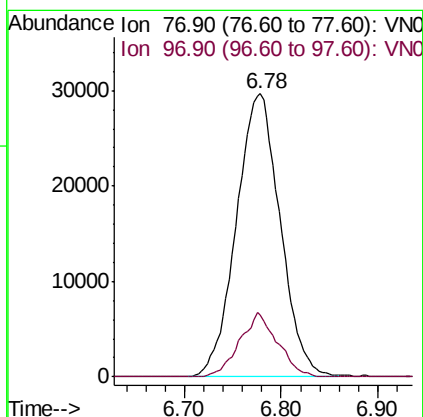
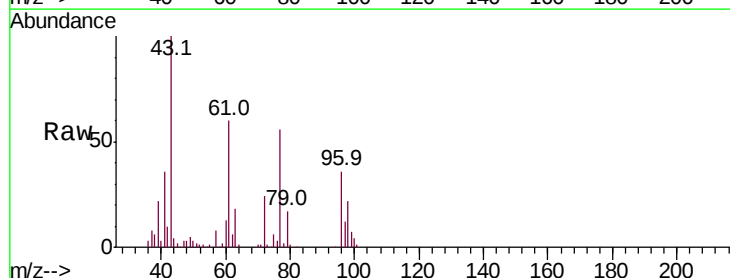
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

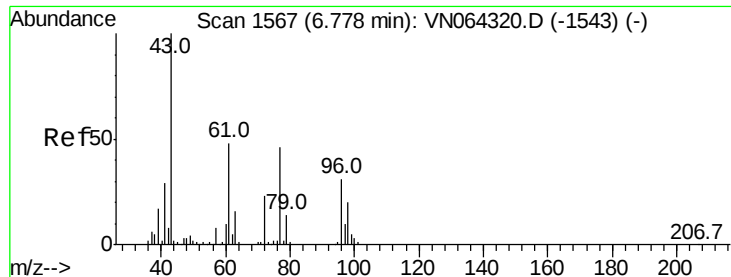
Tot Ion: 43 Resp: 170014
Ion Ratio Lower Upper
43 100
72 24.3 18.8 28.2



#26
2,2-Dichloropropane
Concen: 18.072 ug/l
RT: 6.78 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 77 Resp: 93377
Ion Ratio Lower Upper
77 100
97 19.5 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 18.650 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

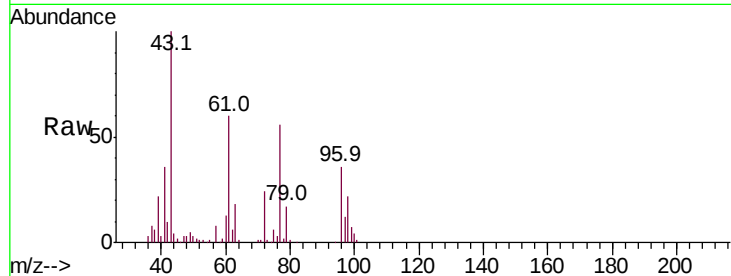
Tot Ion: 96 Resp: 56284

Ion Ratio Lower Upper

96 100

61 165.3 0.0 325.0

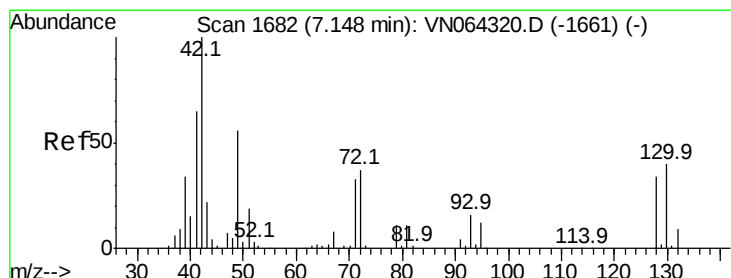
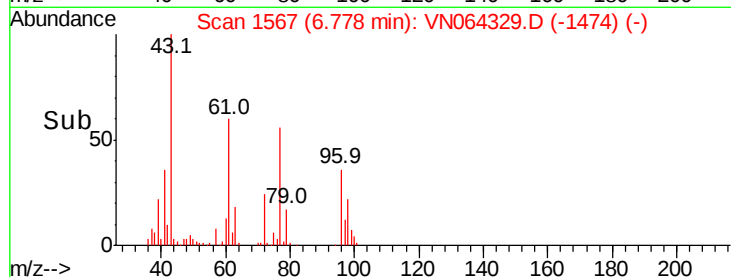
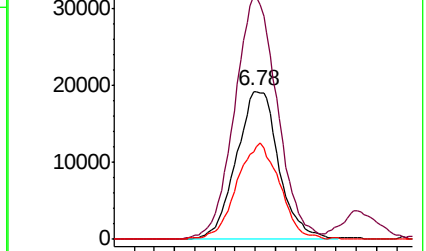
98 65.3 0.0 128.4



Abundance Ion 95.90 (95.60 to 96.60): VN064329.D (-1543) (-)

Ion 60.90 (60.60 to 61.60): VN064329.D (-1543) (-)

Ion 97.90 (97.60 to 98.60): VN064329.D (-1543) (-)



#28

Bromochloromethane

Concen: 17.457 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

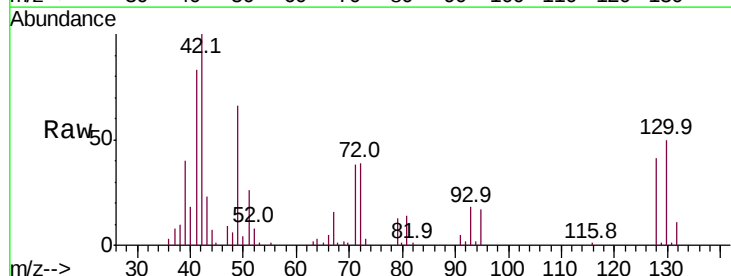
Tgt Ion: 49 Resp: 43911

Ion Ratio Lower Upper

49 100

129 0.7 0.0 2.8

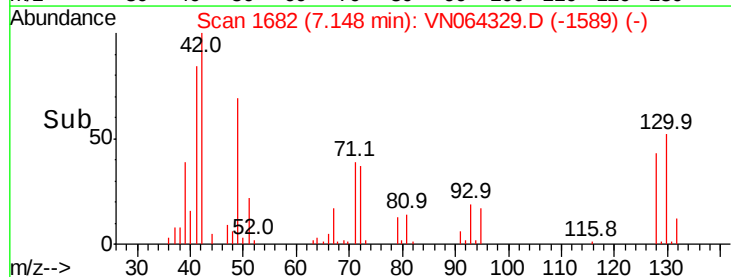
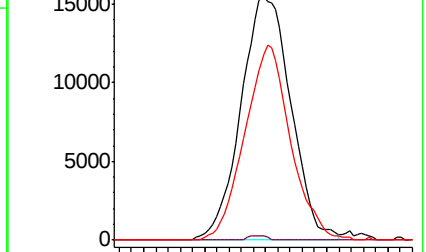
130 73.3 56.2 84.2

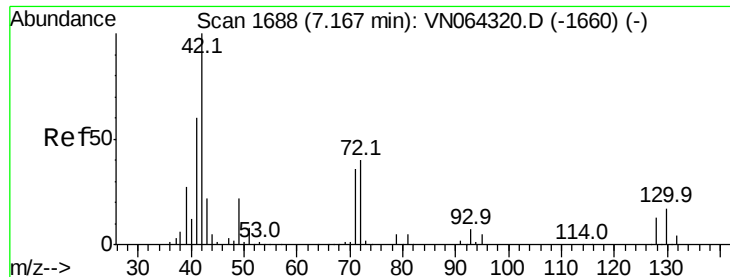


Abundance Ion 48.90 (48.60 to 49.60): VN064329.D (-1589) (-)

Ion 128.80 (128.50 to 129.50): VN064329.D (-1589) (-)

Ion 129.80 (129.50 to 130.50): VN064329.D (-1589) (-)





#29

Tetrahydrofuran

Concen: 89.220 ug/l

RT: 7.16 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

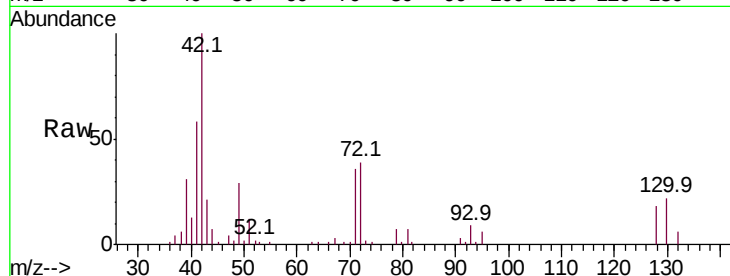
Tot Ion: 42 Resp: 115637

Ion Ratio Lower Upper

42 100

72 40.3 31.6 47.4

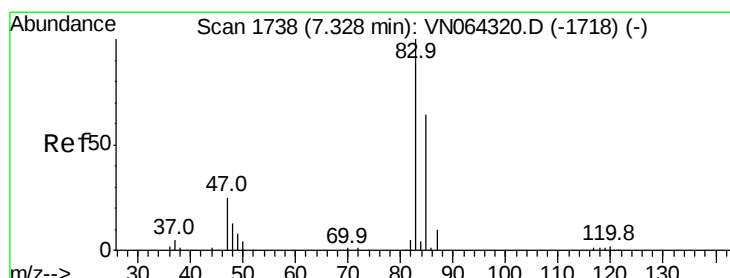
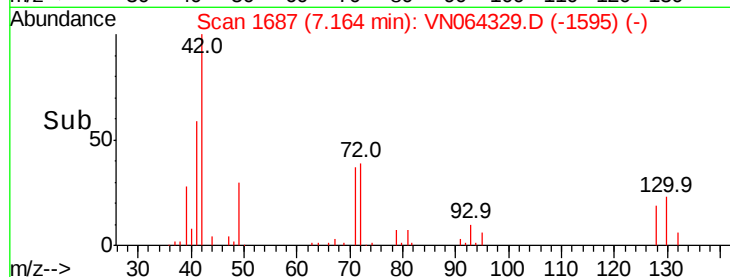
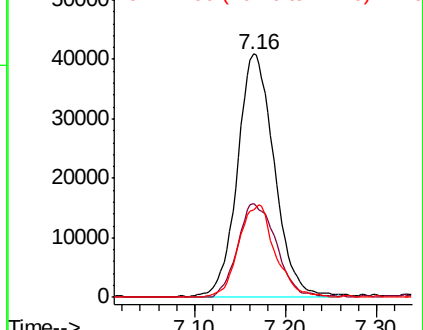
71 37.6 29.4 44.0



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 18.593 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. -0.00 min

Lab File: VN064329.D

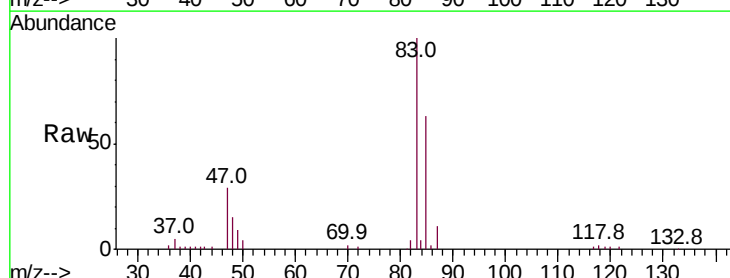
Acq: 27 Oct 2020 16:28

Tgt Ion: 83 Resp: 104772

Ion Ratio Lower Upper

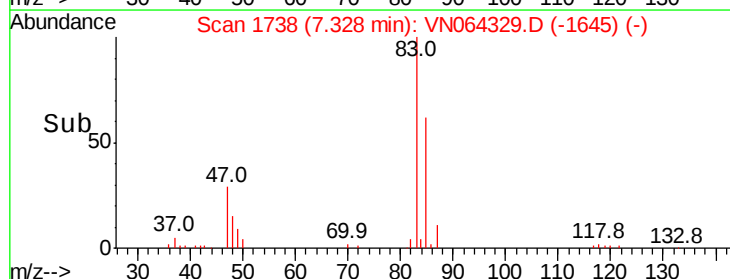
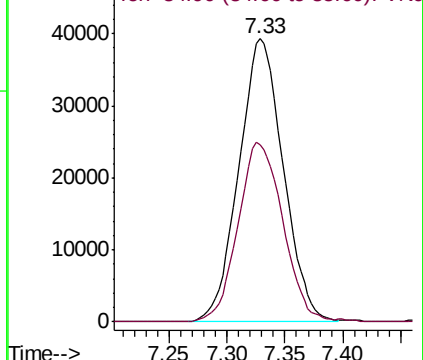
83 100

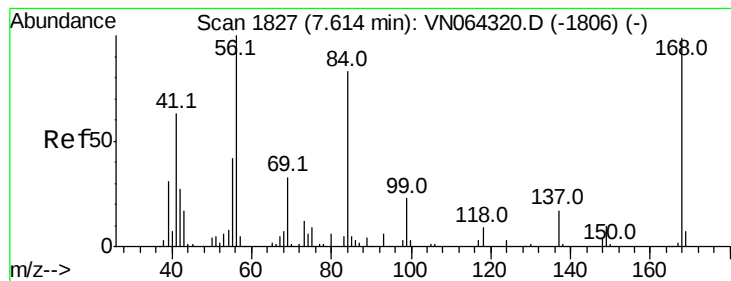
85 62.7 51.1 76.7



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 18.963 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

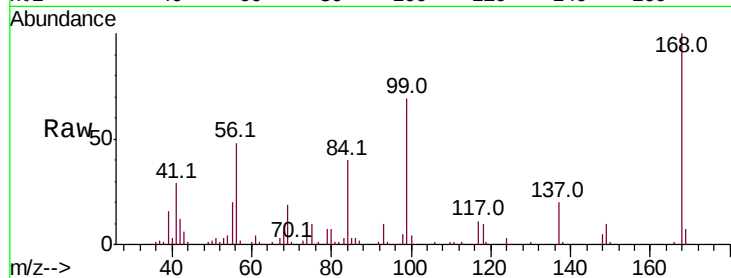
Tot Ion: 56 Resp: 87508

Ion Ratio Lower Upper

56 100

69 39.1 25.8 38.8#

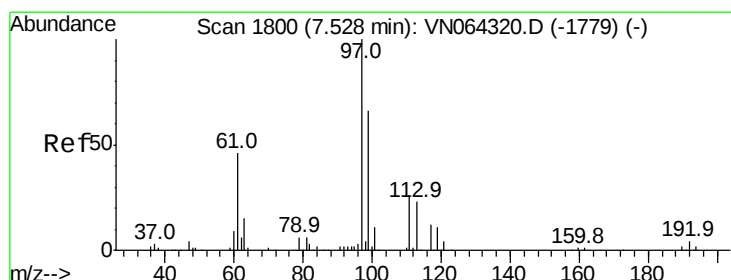
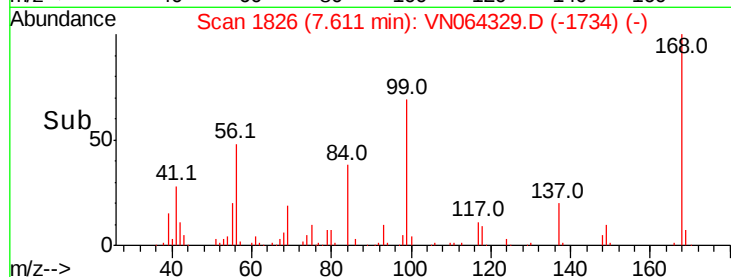
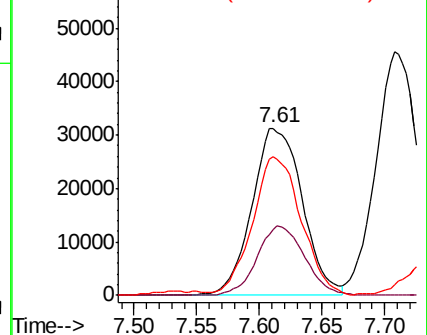
84 81.1 66.3 99.5



Abundance Ion 56.00 (55.70 to 56.70): VN064329.D (-1734) (-)

Ion 69.00 (68.70 to 69.70): VN064329.D (-1734) (-)

Ion 84.00 (83.70 to 84.70): VN064329.D (-1734) (-)



#32

1,1,1-Trichloroethane

Concen: 18.344 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

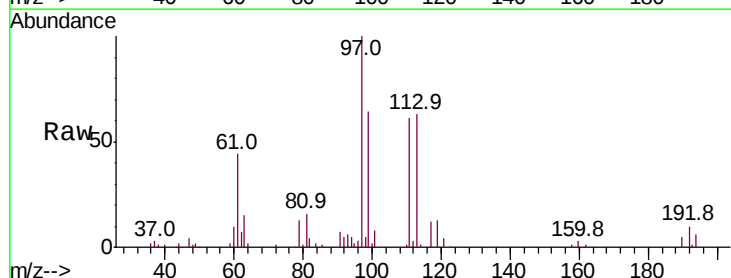
Tgt Ion: 97 Resp: 99264

Ion Ratio Lower Upper

97 100

99 64.6 50.6 76.0

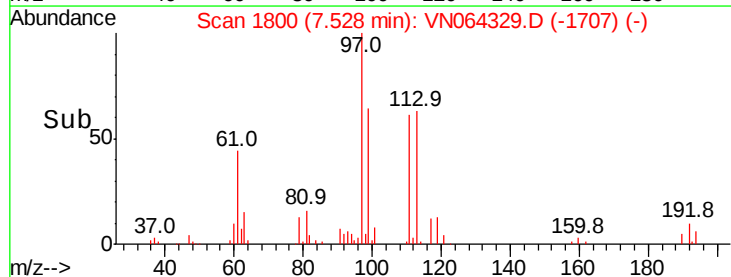
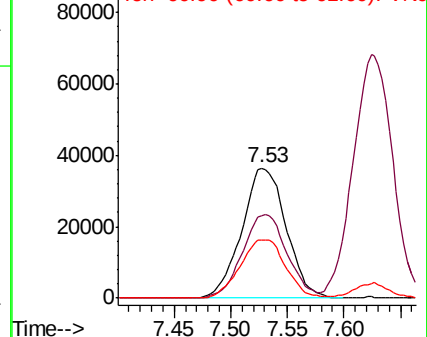
61 46.0 35.8 53.6

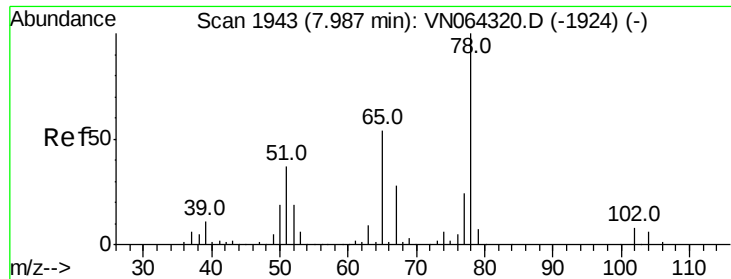


Abundance Ion 96.90 (96.60 to 97.60): VN064329.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064329.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064329.D (-1707) (-)

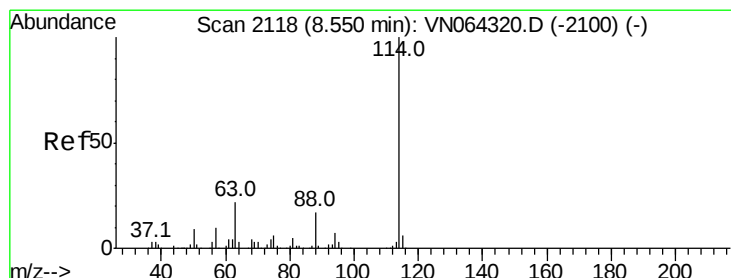
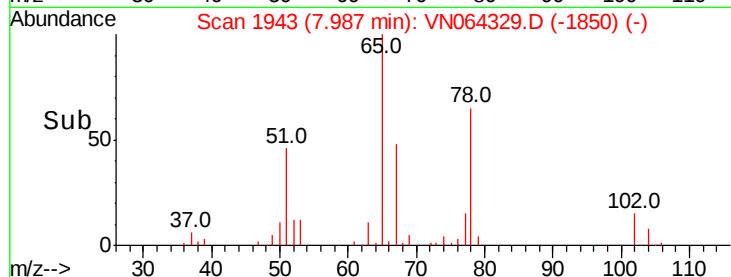
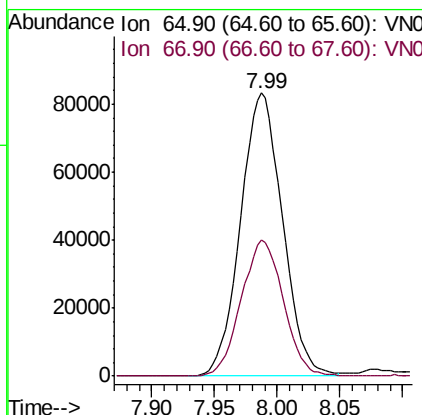
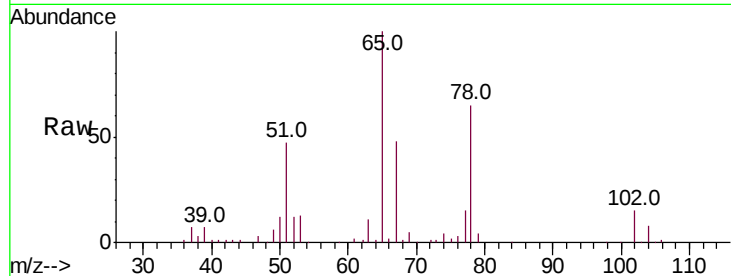




#33
 1,2-Dichloroethane-d4
 Concen: 48.856 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

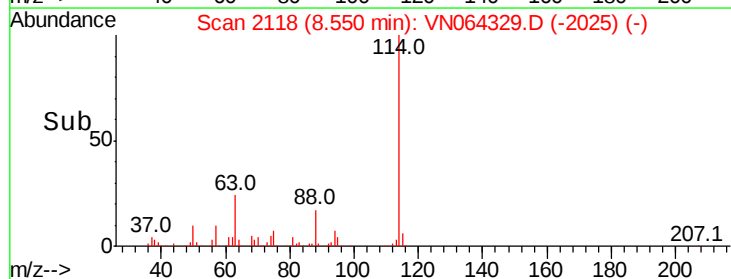
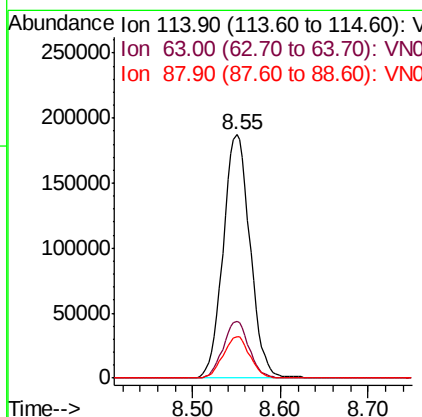
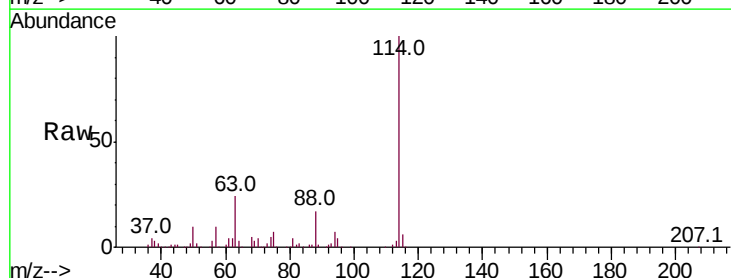
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

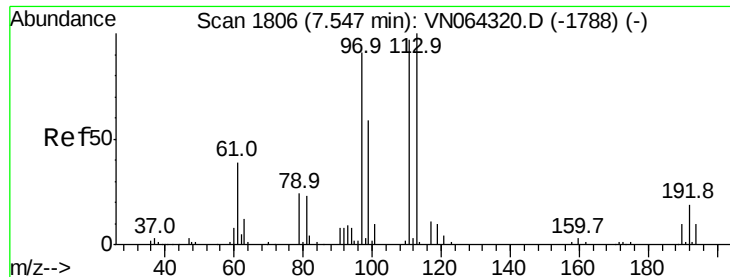
Tot Ion: 65 Resp: 194263
 Ion Ratio Lower Upper
 65 100
 67 48.3 0.0 99.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion: 114 Resp: 400676
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 44.6
 88 17.1 0.0 33.4

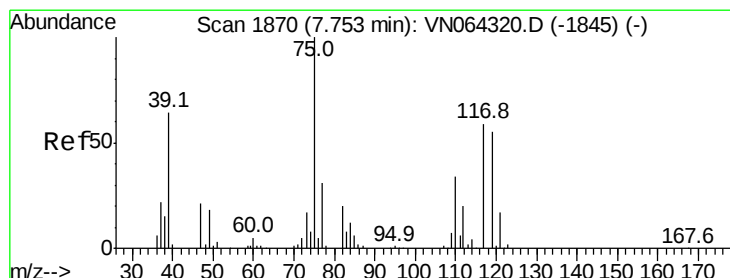
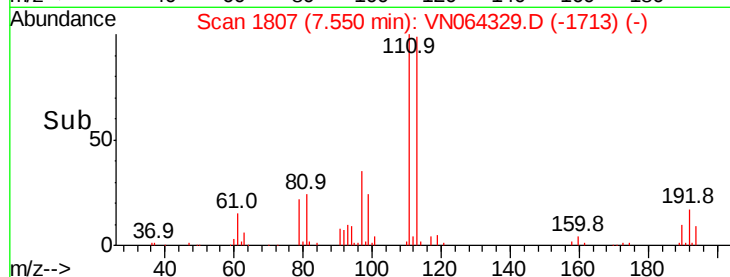
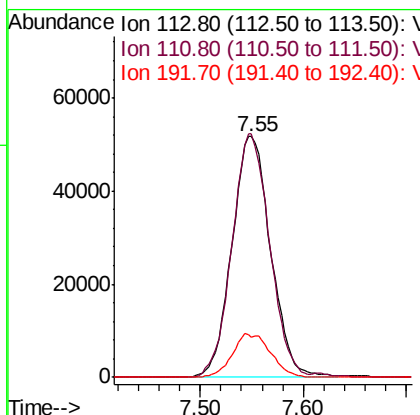
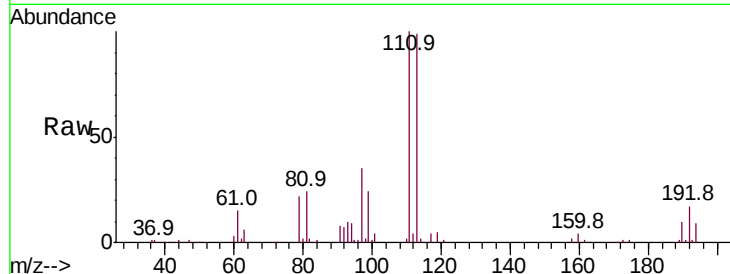




#35
 Dibromofluoromethane
 Concen: 50.632 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

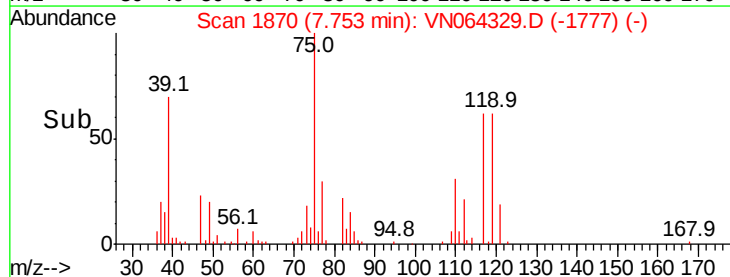
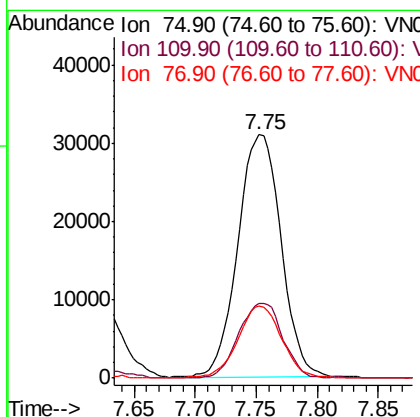
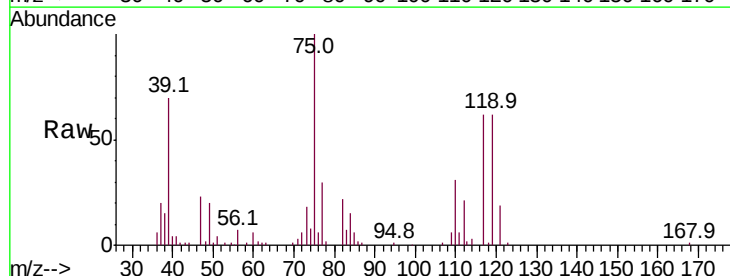
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

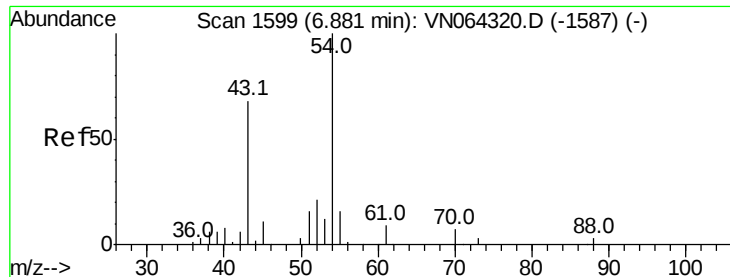
Tot Ion:113 Resp: 135289
 Ion Ratio Lower Upper
 113 100
 111 98.0 81.5 122.3
 192 17.8 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 18.772 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion: 75 Resp: 75908
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.8 50.3
 77 30.1 24.2 36.4





#37

Ethyl Acetate

Concen: 16.937 ug/l

RT: 6.88 min Scan# 1600

Delta R.T. 0.00 min

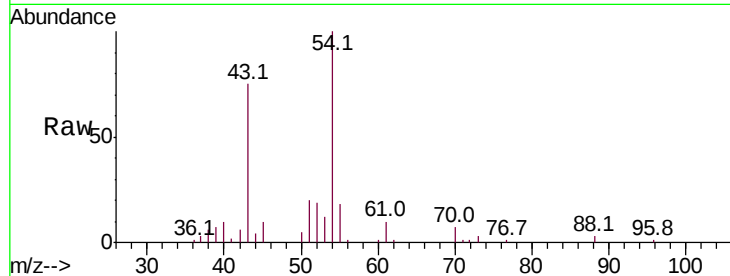
Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tot Ion: 43 Resp: 69180

Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.0	15.0
70	10.4	7.1	10.7

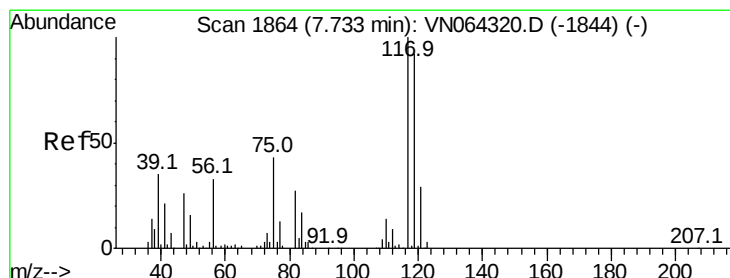
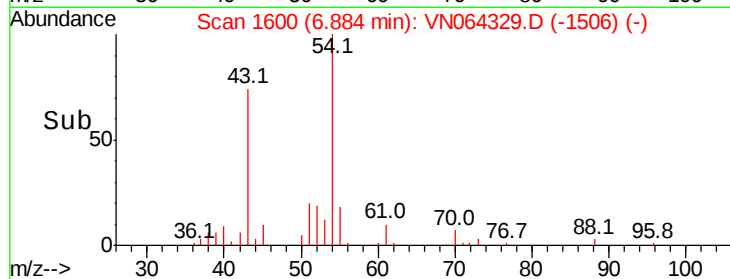
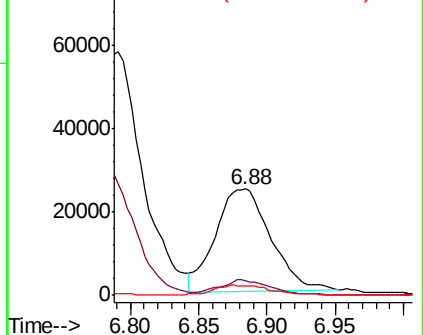


Abundance

Ion 43.00 (42.70 to 43.70): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 70.00 (69.70 to 70.70): VN0



#38

Carbon Tetrachloride

Concen: 19.547 ug/l

RT: 7.74 min Scan# 1865

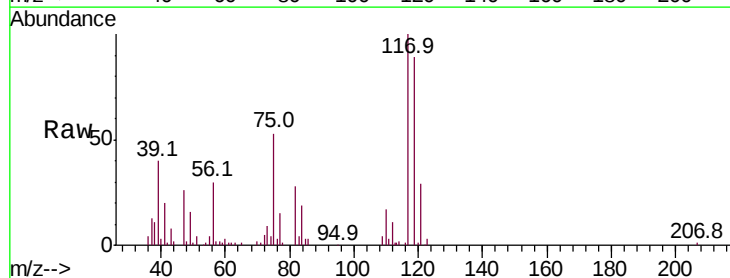
Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Tgt Ion: 117 Resp: 91637

Ion	Ratio	Lower	Upper
117	100		
119	89.5	73.7	110.5
121	28.6	22.8	34.2

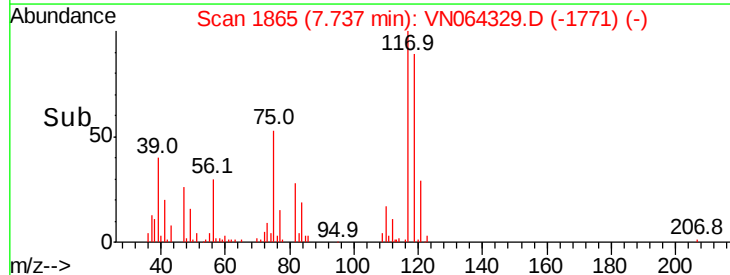
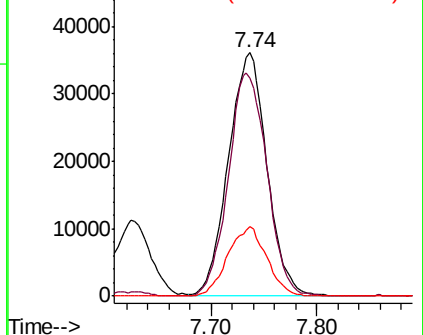


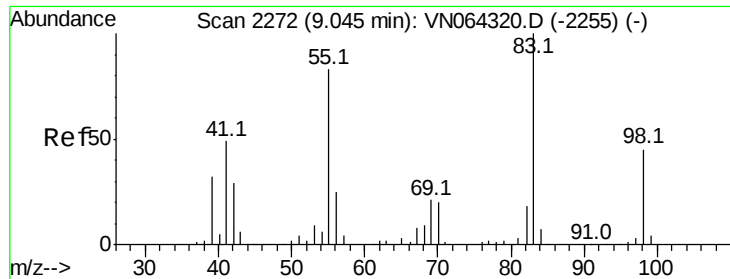
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

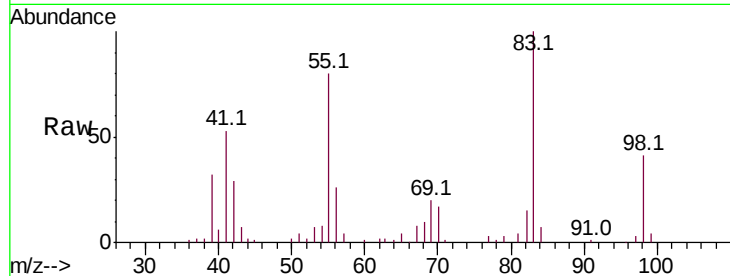




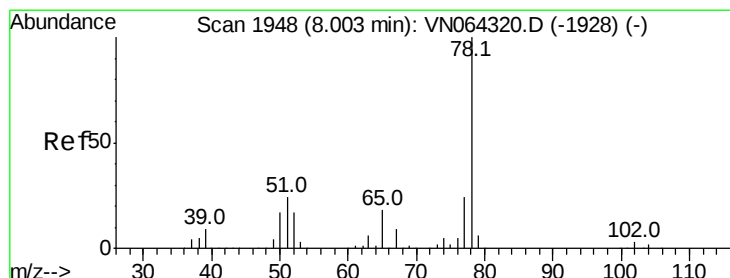
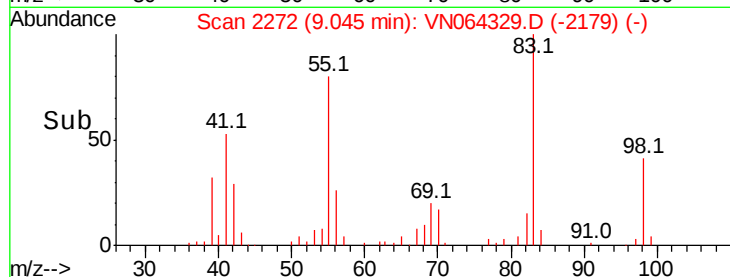
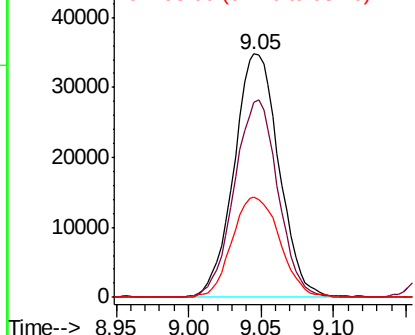
#39
Methvlcvclohexane
Concen: 18.656 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

Tot Ion: 83 Resp: 74802
Ion Ratio Lower Upper
83 100
55 79.7 66.2 99.4
98 41.3 36.0 54.0

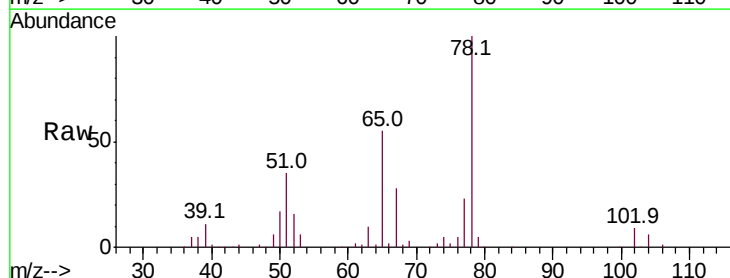


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

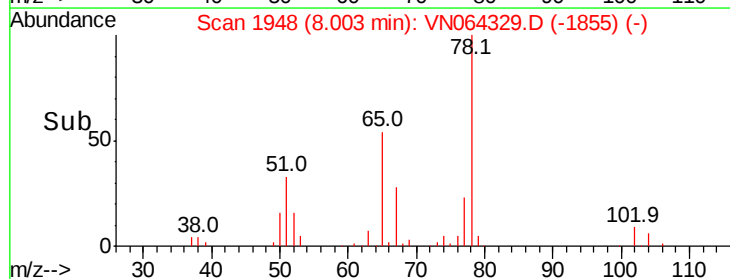
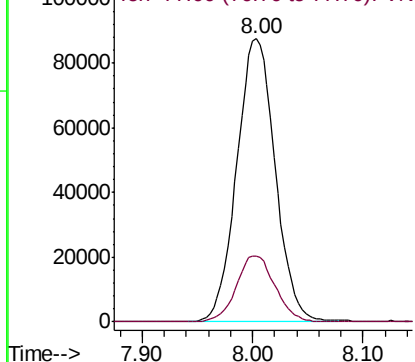


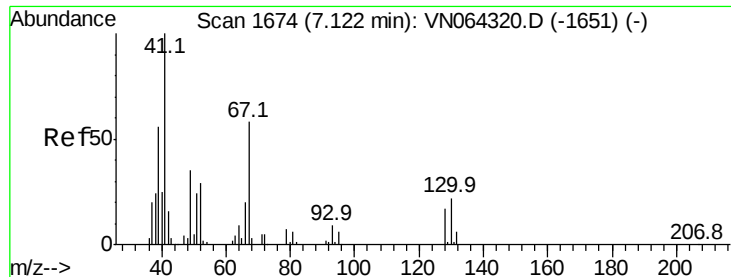
#40
Benzene
Concen: 18.800 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 78 Resp: 211606
Ion Ratio Lower Upper
78 100
77 23.1 18.8 28.2



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

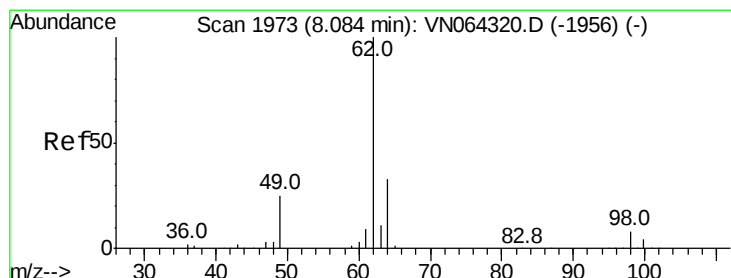
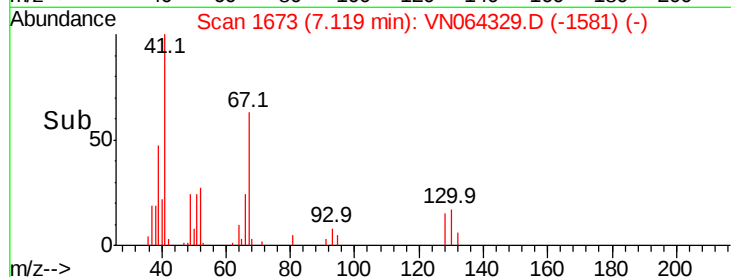
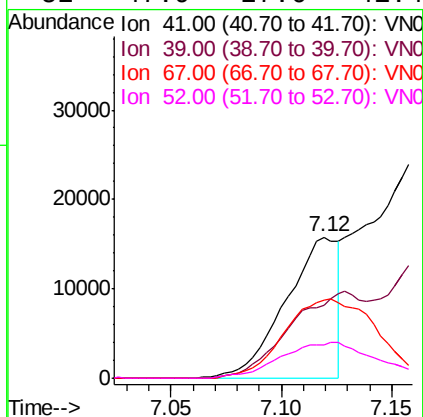
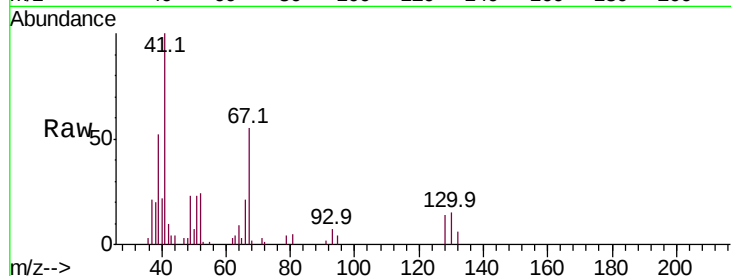




#41
Methacrylonitrile
Concen: 12.953 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

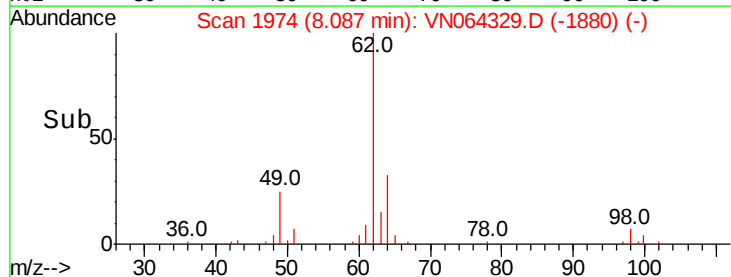
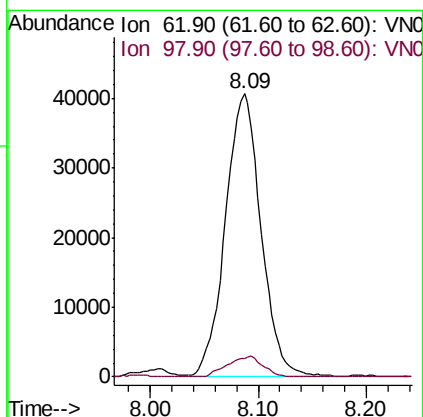
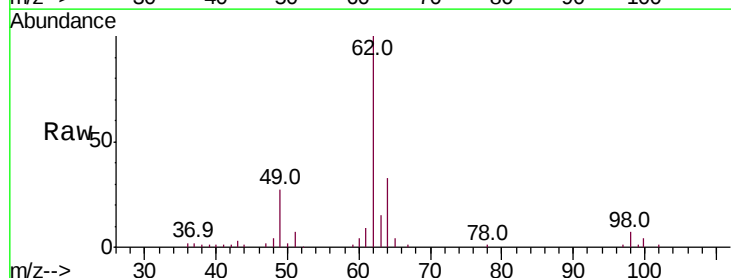
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

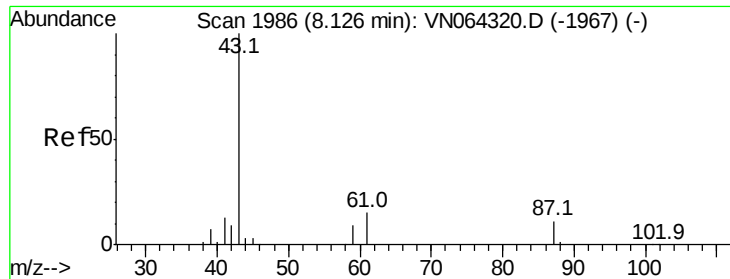
Tot Ion: 41 Resp: 26264
Ion Ratio Lower Upper
41 100
39 85.1 48.6 72.8#
67 100.5 61.4 92.2#
52 47.9 27.6 41.4#



#42
1,2-Dichloroethane
Concen: 19.253 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 62 Resp: 93615
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.2





#43

Isopropyl Acetate

Concen: 18.651 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

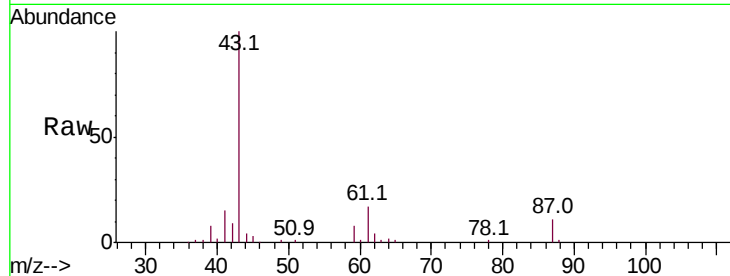
Tot Ion: 43 Resp: 130230

Ion Ratio Lower Upper

43 100

61 18.7 19.1 28.7#

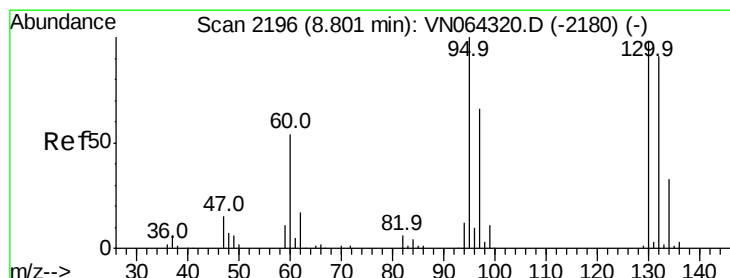
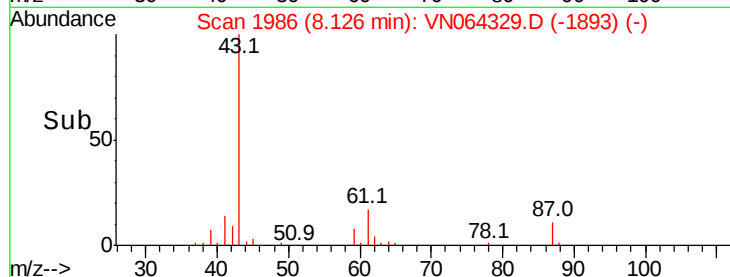
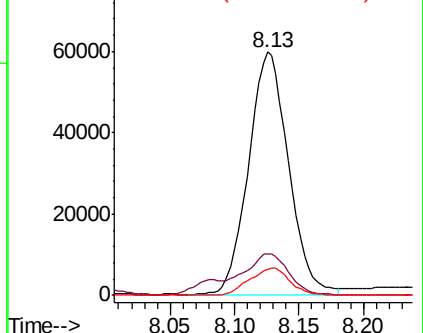
87 11.4 9.3 13.9



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: 19.632 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN064329.D

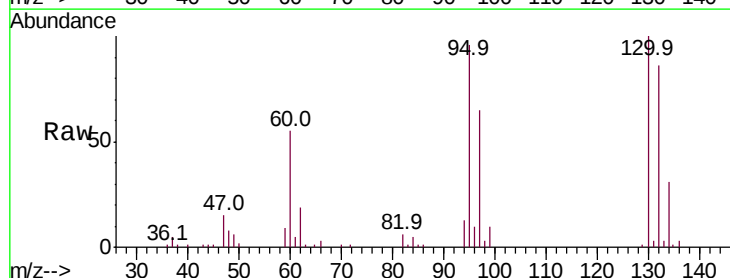
Acq: 27 Oct 2020 16:28

Tgt Ion:130 Resp: 57888

Ion Ratio Lower Upper

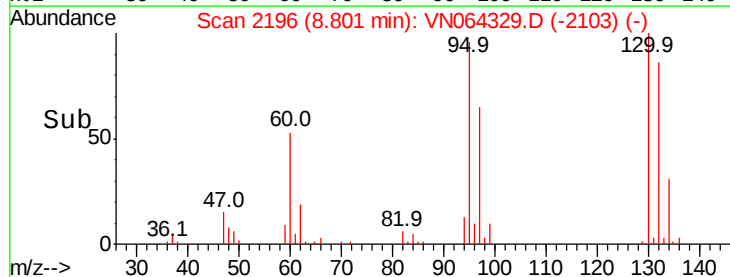
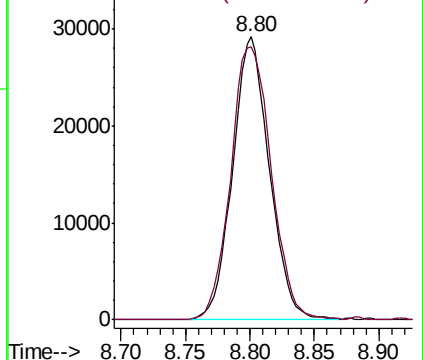
130 100

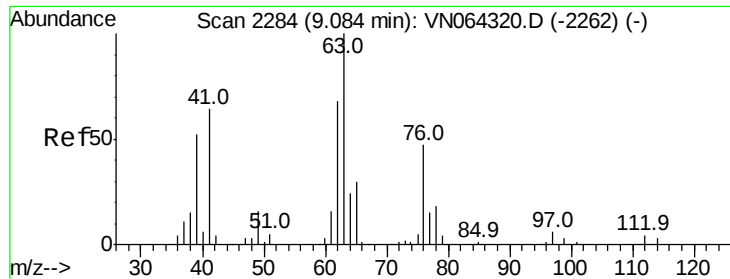
95 96.4 0.0 203.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 18.774 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

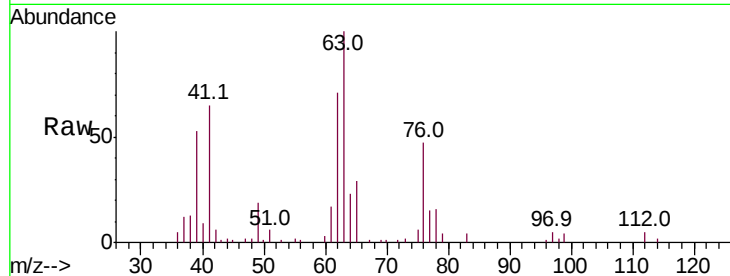
VN1027WBS01

Tot Ion: 63 Resp: 56587

Ion Ratio Lower Upper

63 100

65 29.4 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0

9.09

30000

25000

20000

15000

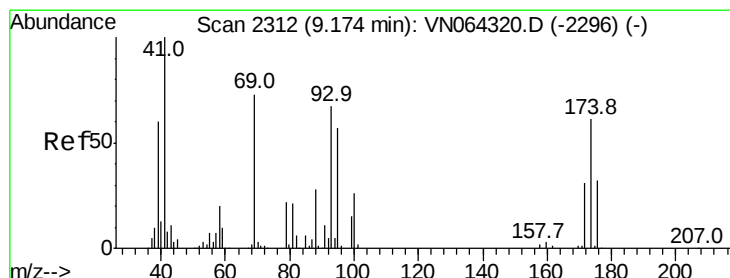
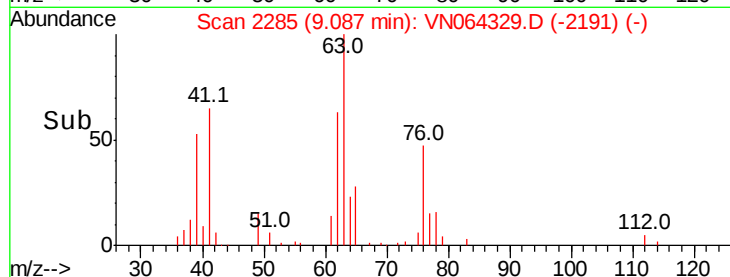
10000

5000

0

Time-->

9.00 9.05 9.10 9.15



#46

Dibromomethane

Concen: 19.347 ug/l

RT: 9.17 min Scan# 2312

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

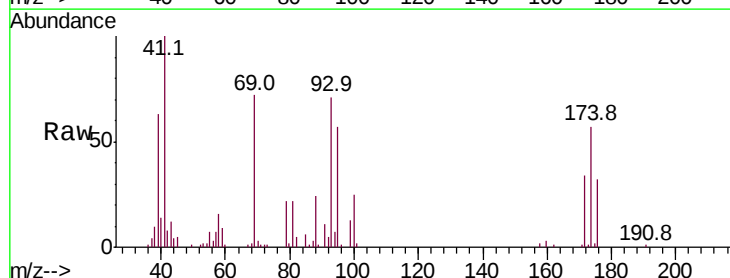
Tgt Ion: 93 Resp: 40796

Ion Ratio Lower Upper

93 100

95 82.4 64.4 96.6

174 87.8 71.4 107.0



Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V

25000

20000

15000

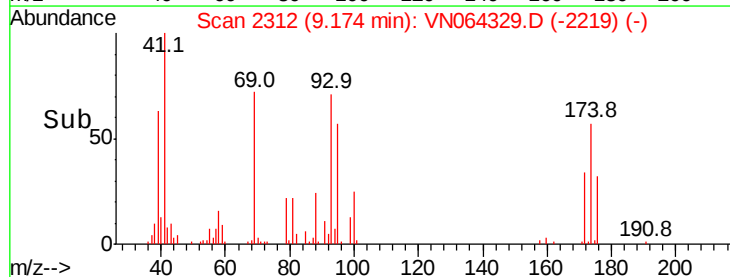
10000

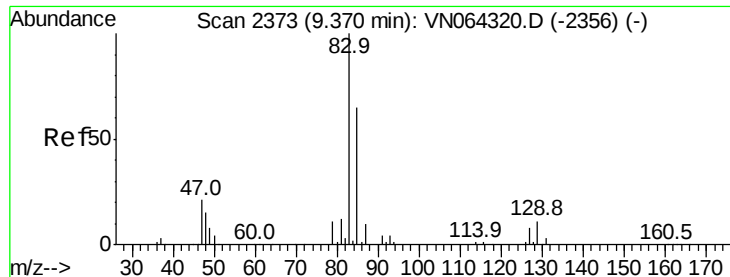
5000

0

Time-->

9.10 9.15 9.20 9.25





#47

Bromodichloromethane

Concen: 18.351 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

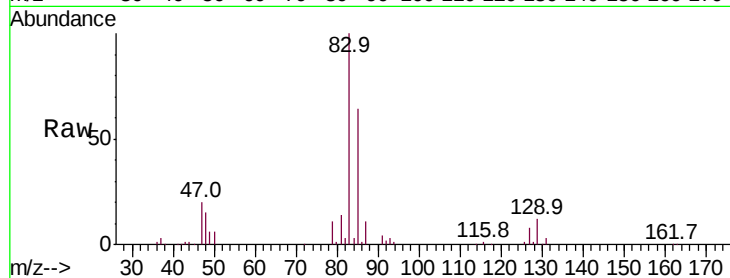
Tot Ion: 83 Resp: 85754

Ion Ratio Lower Upper

83 100

85 63.7 52.1 78.1

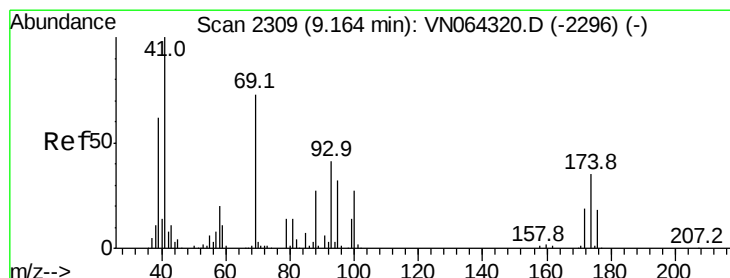
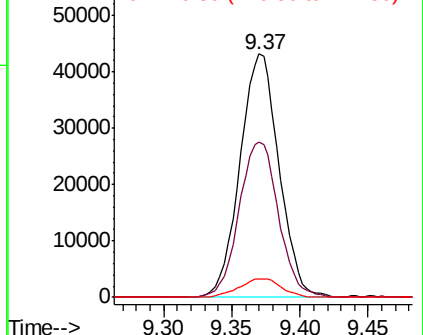
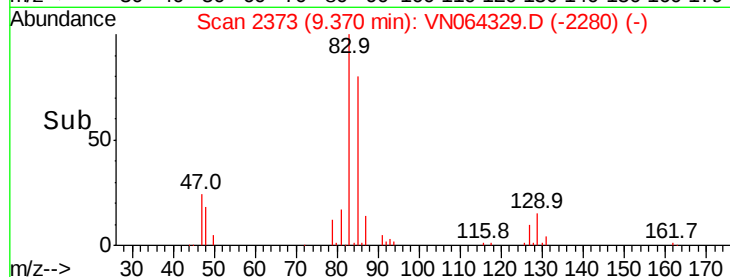
127 7.6 6.7 10.1



Abundance Ion 82.90 (82.60 to 83.60): VN064329.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN064329.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN064329.D (-2280) (-)



#48

Methyl methacrylate

Concen: 17.937 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

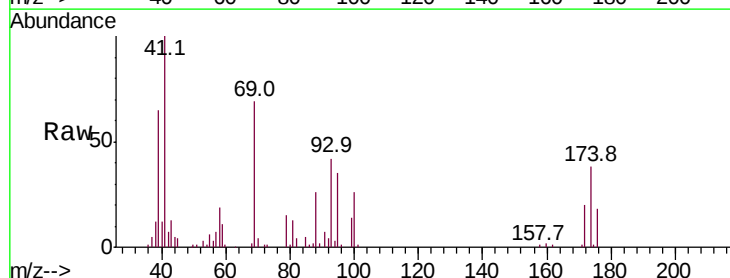
Tgt Ion: 41 Resp: 64615

Ion Ratio Lower Upper

41 100

69 73.2 59.1 88.7

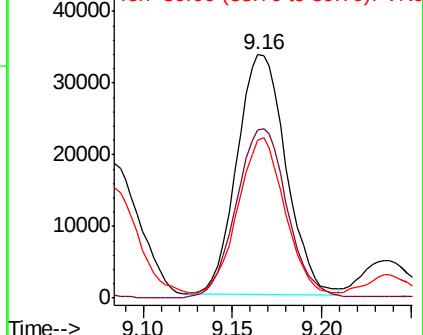
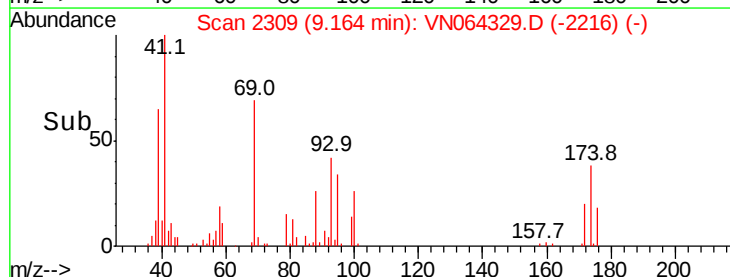
39 66.3 51.3 76.9

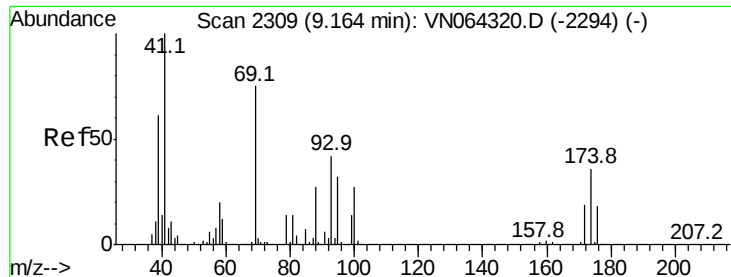


Abundance Ion 41.00 (40.70 to 41.70): VN064329.D (-2216) (-)

Ion 69.00 (68.70 to 69.70): VN064329.D (-2216) (-)

Ion 39.00 (38.70 to 39.70): VN064329.D (-2216) (-)





#49

1,4-Dioxane

Concen: 356.572 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

VN1027WBS01

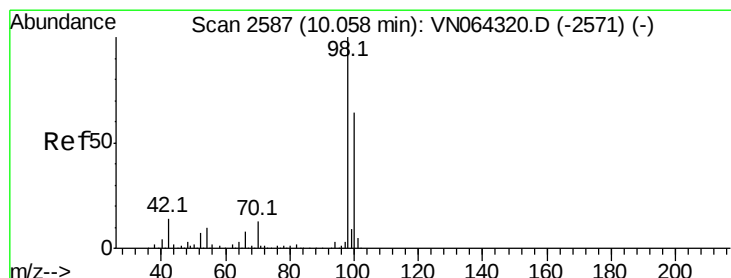
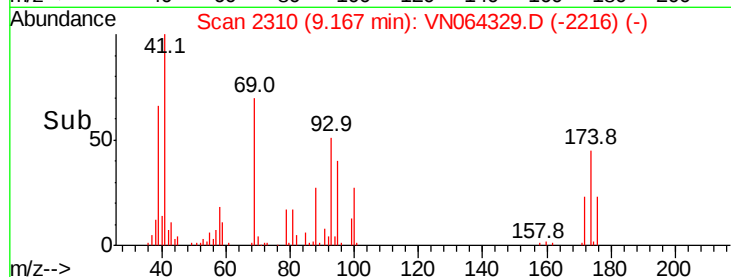
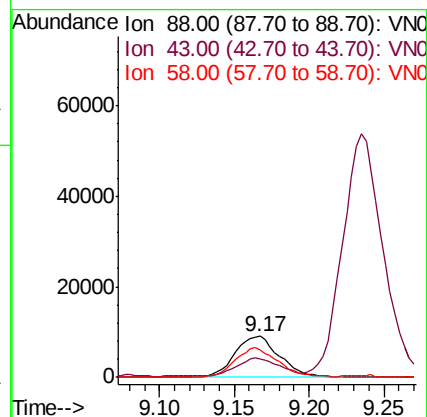
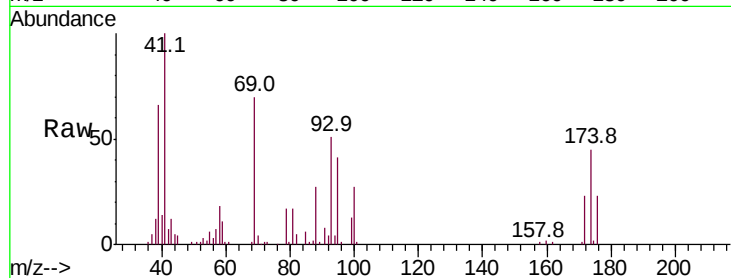
Tot Ion: 88 Resp: 18933

Ion Ratio Lower Upper

88 100

43 39.3 31.8 47.8

58 69.8 60.3 90.5



#50

Toluene-d8

Concen: 48.110 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. 0.00 min

Lab File: VN064329.D

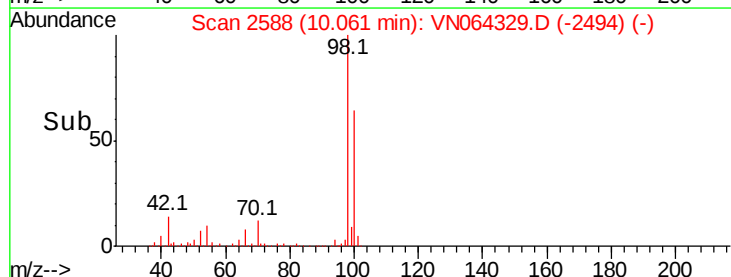
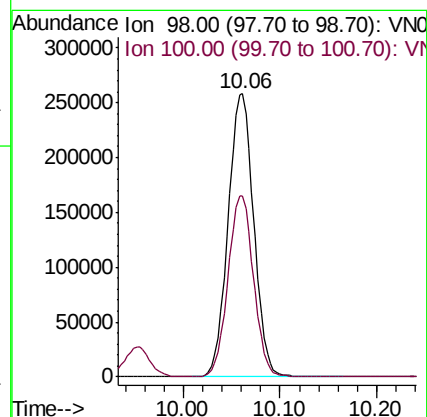
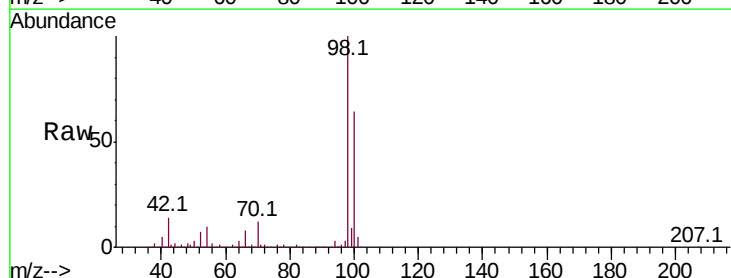
Acq: 27 Oct 2020 16:28

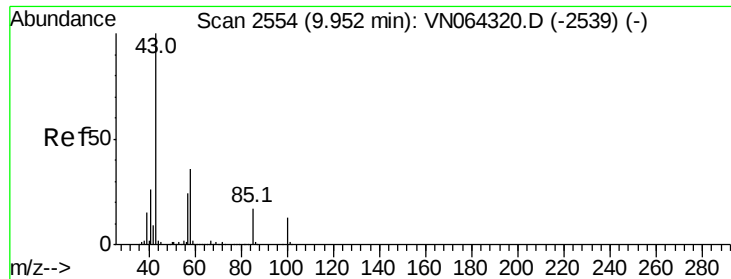
Tgt Ion: 98 Resp: 475493

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 91.167 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

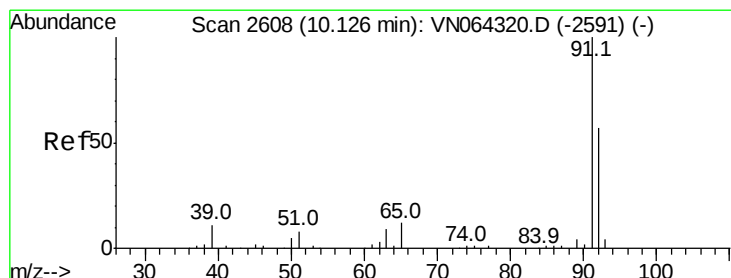
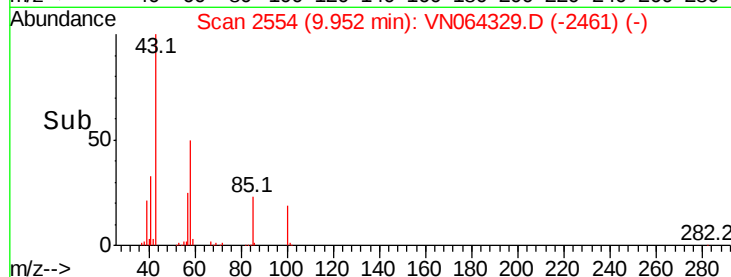
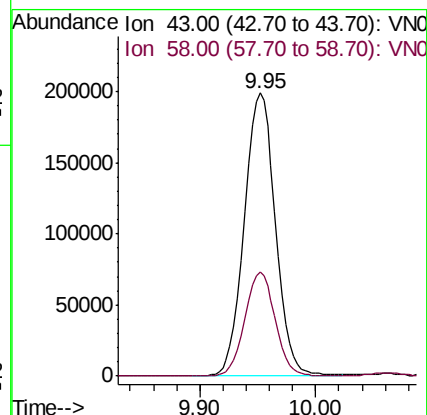
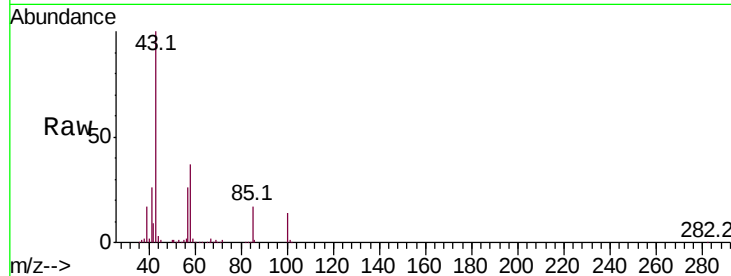
VN1027WBS01

Tot Ion: 43 Resp: 370018

Ion Ratio Lower Upper

43 100

58 35.9 28.6 42.8



#52

Toluene

Concen: 18.612 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064329.D

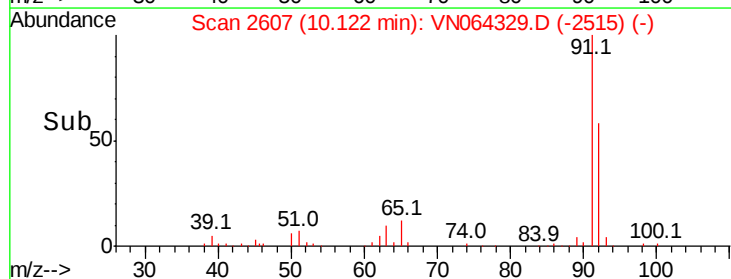
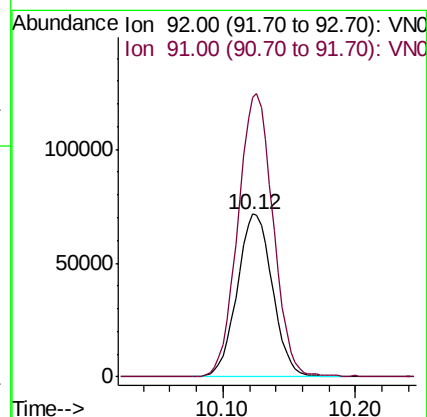
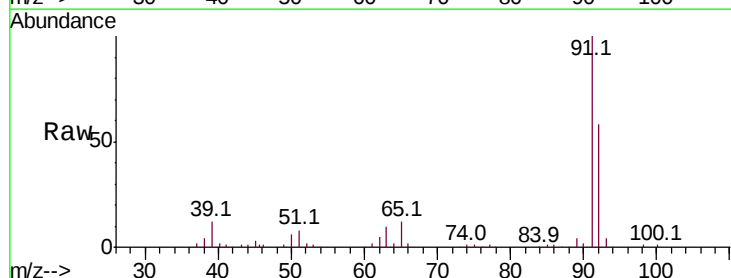
Acq: 27 Oct 2020 16:28

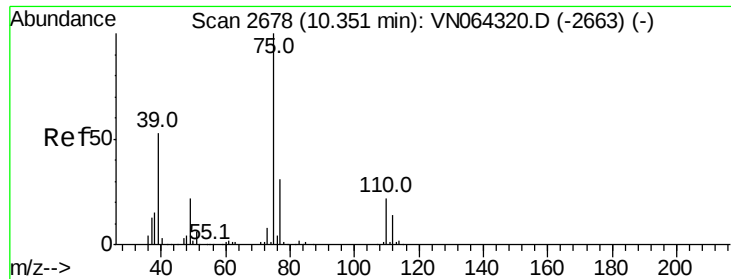
Tgt Ion: 92 Resp: 132196

Ion Ratio Lower Upper

92 100

91 173.4 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 18.507 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

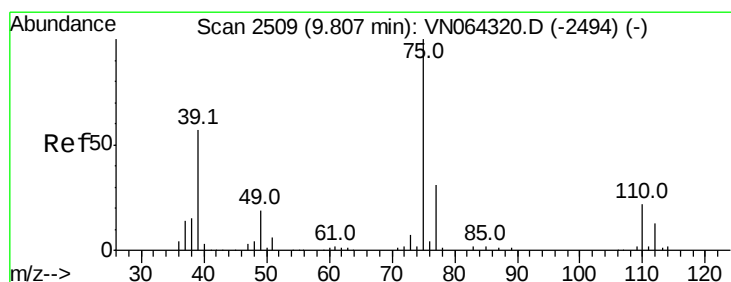
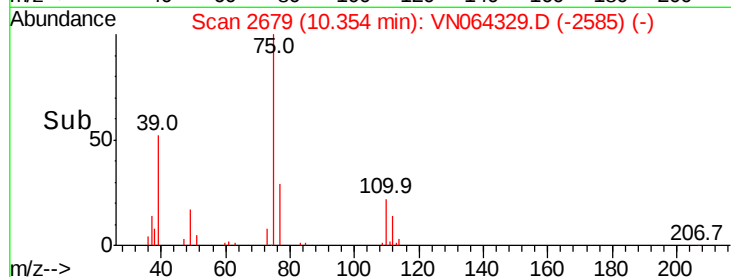
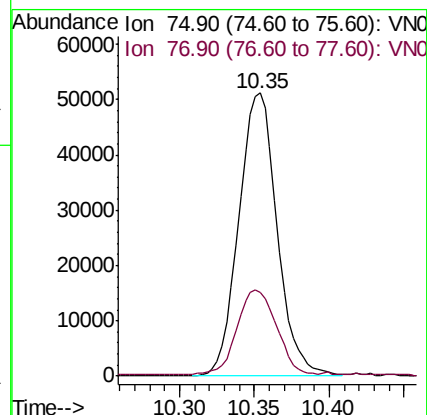
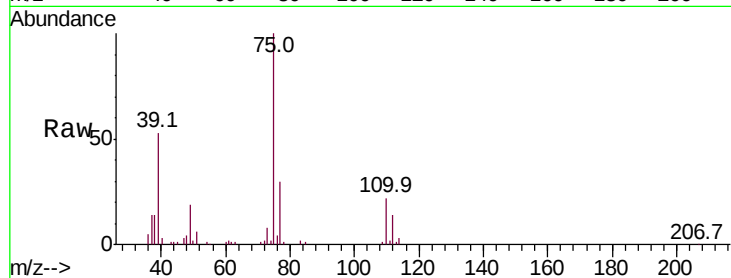
VN1027WBS01

Tot Ion: 75 Resp: 91443

Ion Ratio Lower Upper

75 100

77 29.0 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 19.463 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

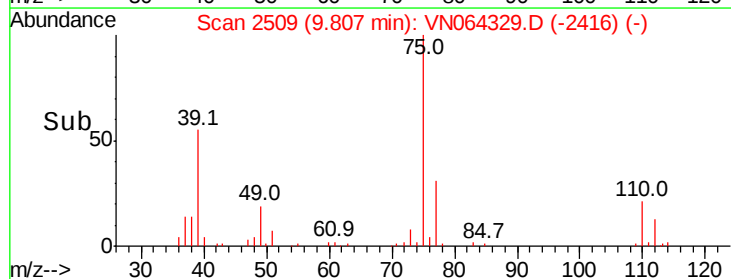
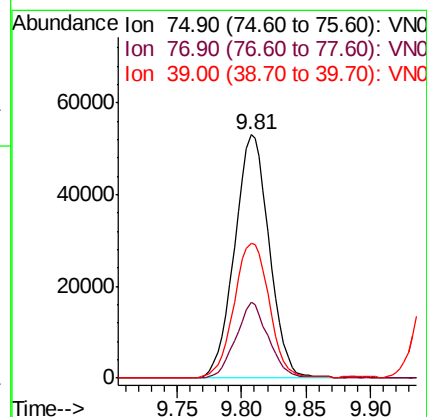
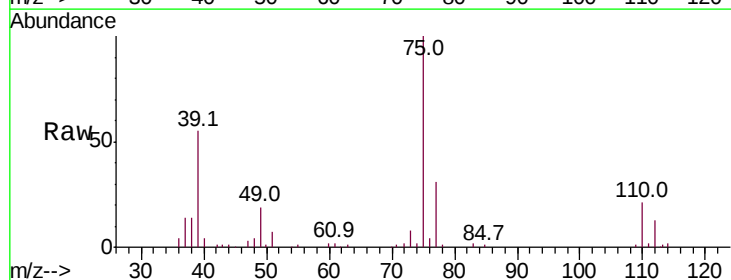
Tgt Ion: 75 Resp: 98997

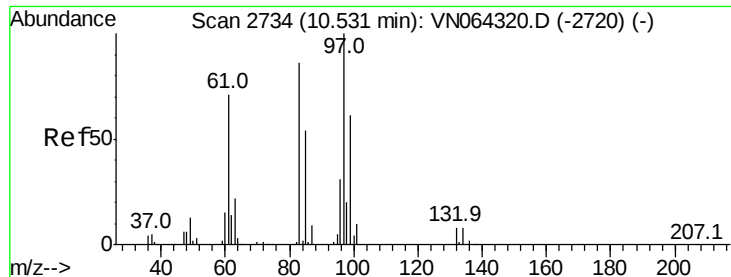
Ion Ratio Lower Upper

75 100

77 30.9 25.0 37.4

39 55.2 45.5 68.3

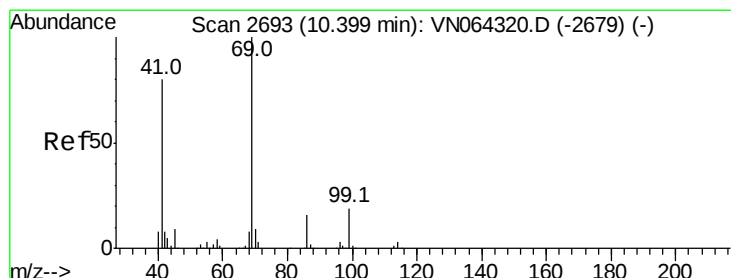
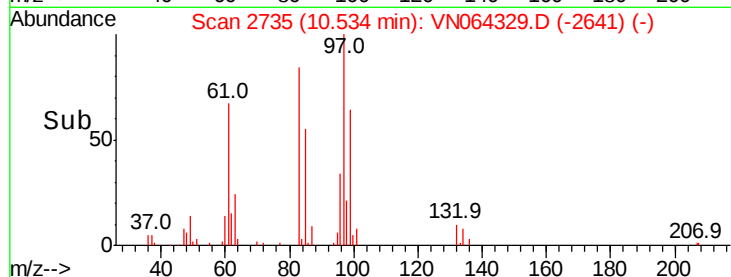
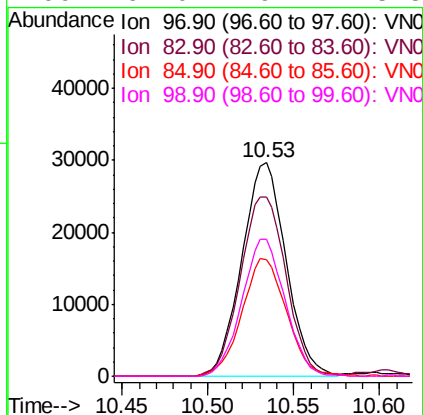
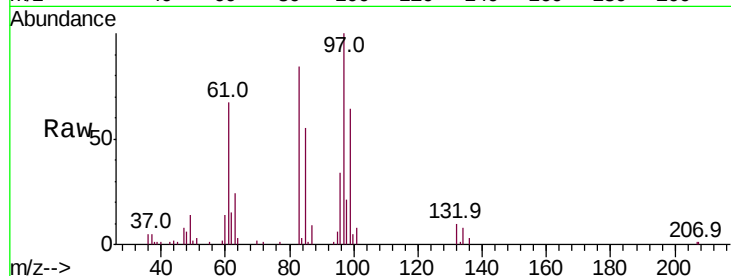




#55
 1,1,2-Trichloroethane
 Concen: 18.881 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

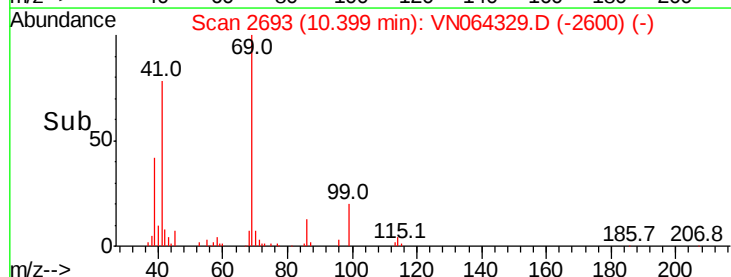
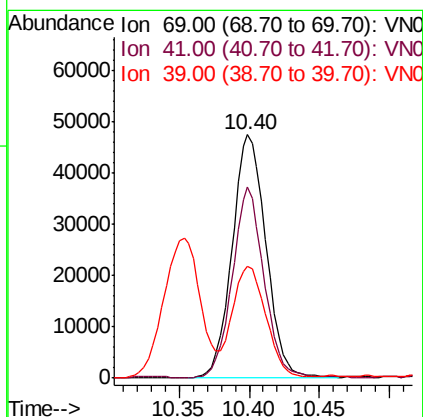
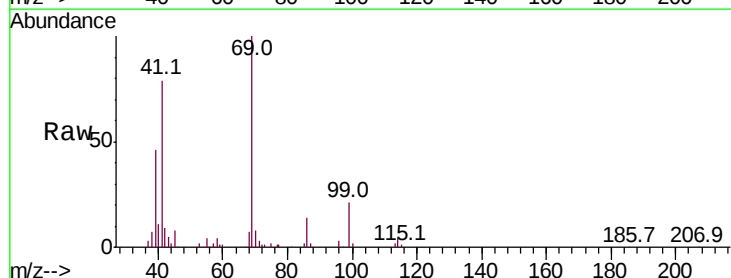
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

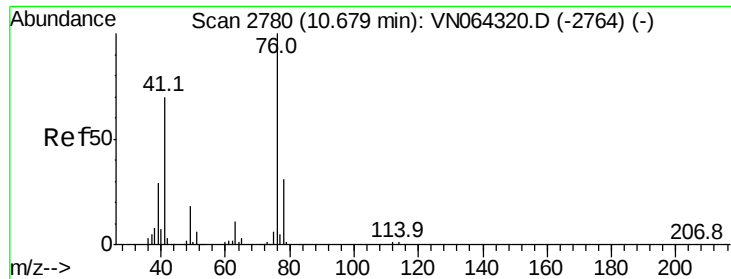
Tot Ion	Ratio	Lower	Upper
97	100		
83	83.7	68.9	103.3
85	54.7	43.6	65.4
99	64.0	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 18.868 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.2	61.4	92.2
39	45.3	36.5	54.7





#57

1,3-Dichloropropane

Concen: 19.130 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

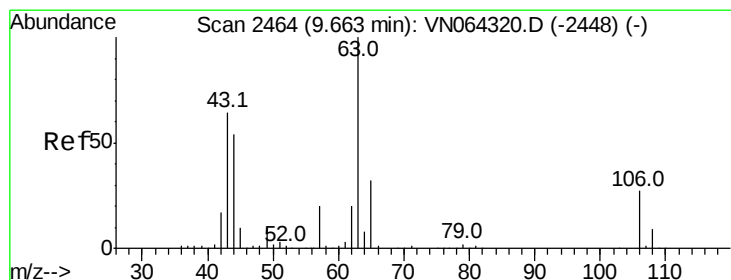
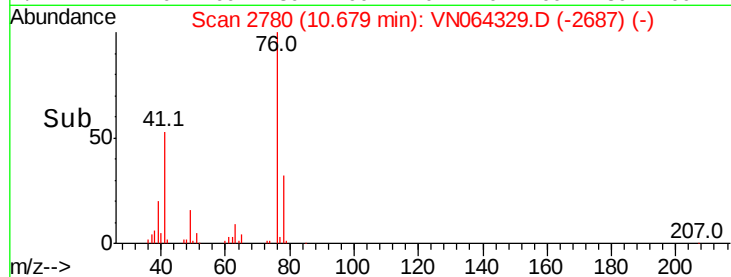
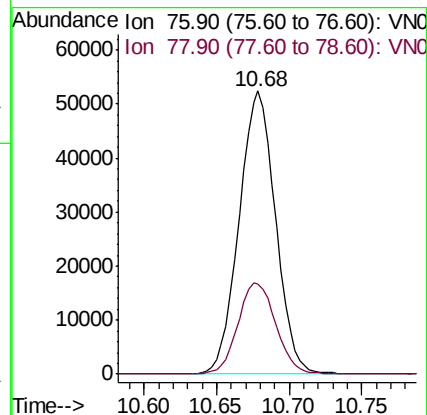
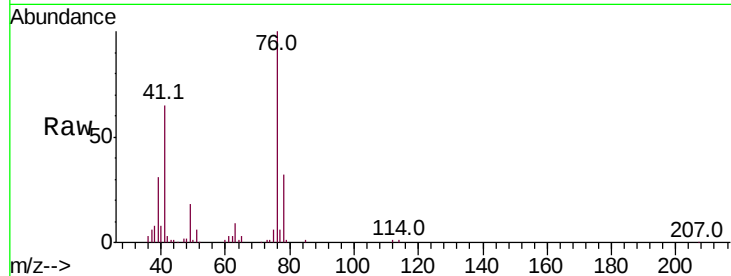
VN1027WBS01

Tot Ion: 76 Resp: 91493

Ion Ratio Lower Upper

76 100

78 33.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 83.198 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN064329.D

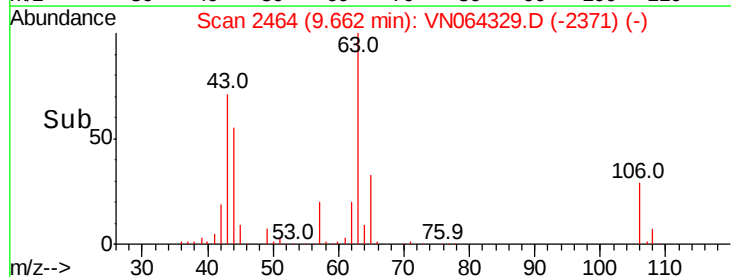
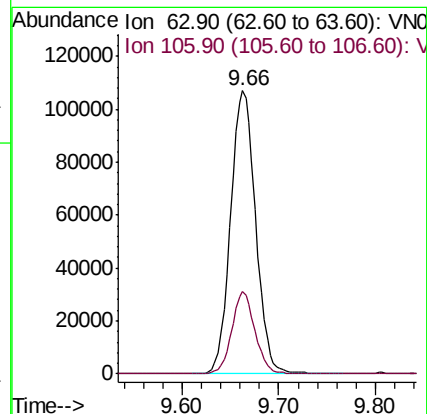
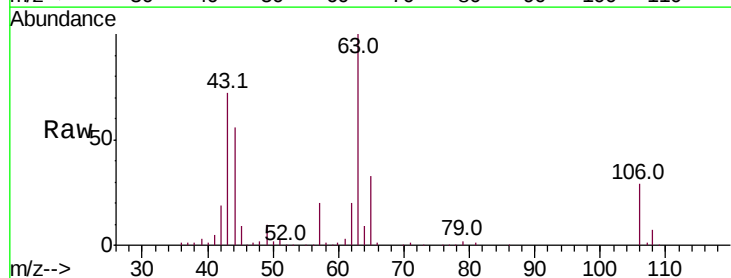
Acq: 27 Oct 2020 16:28

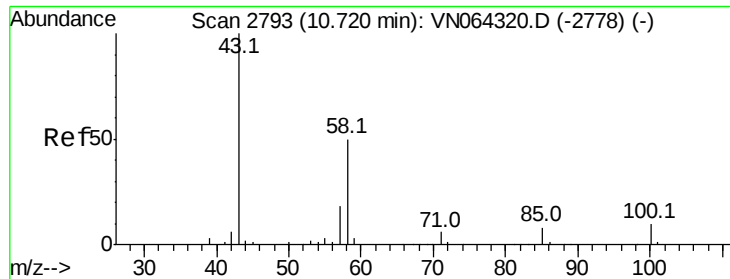
Tgt Ion: 63 Resp: 192683

Ion Ratio Lower Upper

63 100

106 26.7 21.0 31.4





#59

2-Hexanone

Concen: 90.245 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

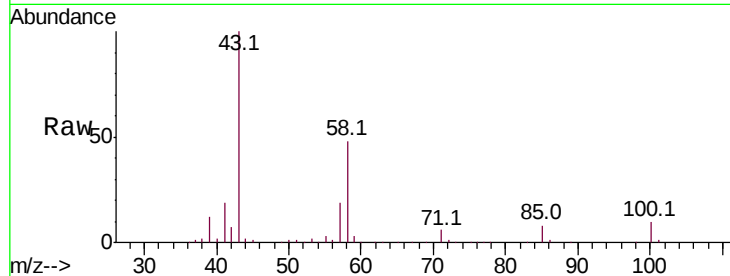
VN1027WBS01

Tot Ion: 43 Resp: 269761

Ion Ratio Lower Upper

43 100

58 48.7 25.0 75.0



Abundance Ion 43.00 (42.70 to 43.70): VN064329.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN064329.D (-2778) (-)

10.72

150000

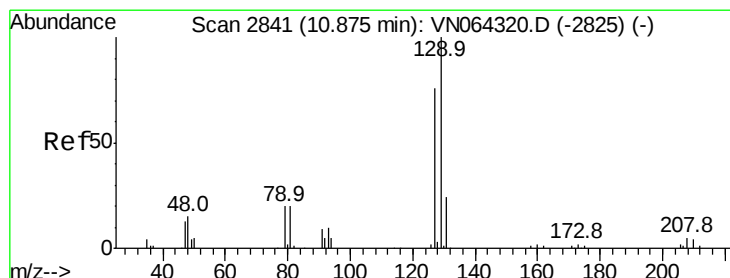
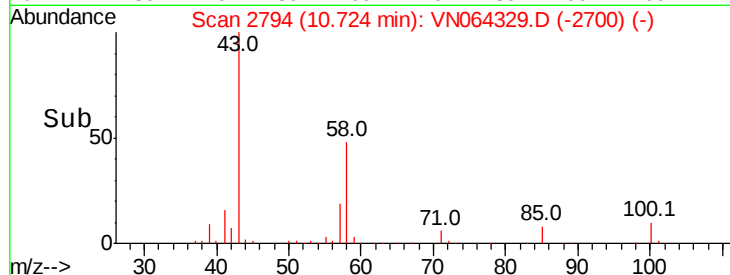
100000

50000

0

10.65 10.70 10.75 10.80

Time-->



#60

Dibromochloromethane

Concen: 18.981 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064329.D

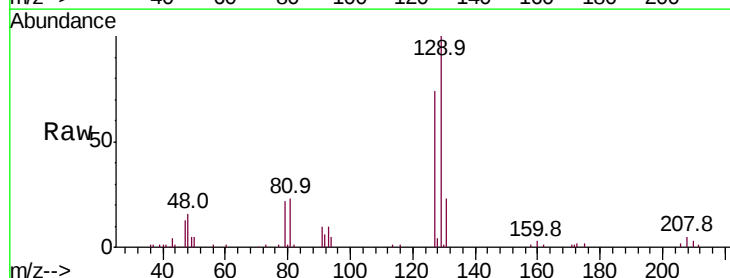
Acq: 27 Oct 2020 16:28

Tgt Ion: 129 Resp: 62921

Ion Ratio Lower Upper

129 100

127 77.8 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VN064329.D (-2748) (-)

Ion 126.80 (126.50 to 127.50): VN064329.D (-2748) (-)

10.87

40000

30000

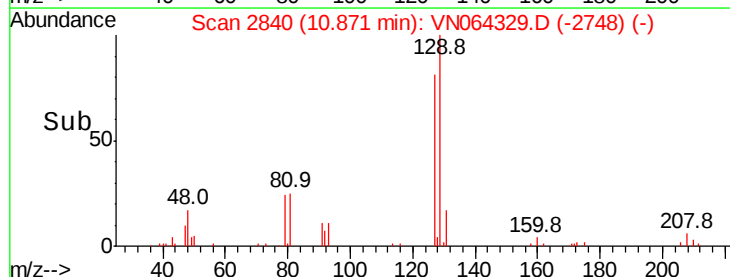
20000

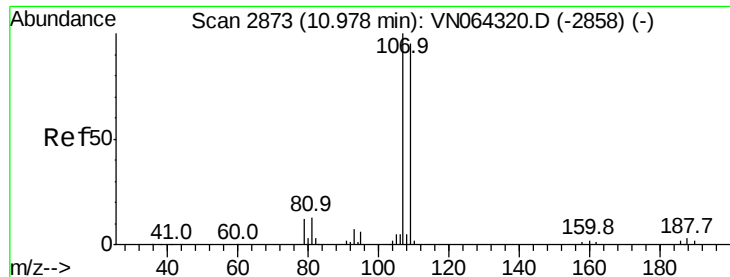
10000

0

10.80 10.85 10.90 10.95

Time-->





#61

1,2-Dibromoethane

Concen: 19.809 ug/l

RT: 10.97 min Scan# 2872

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

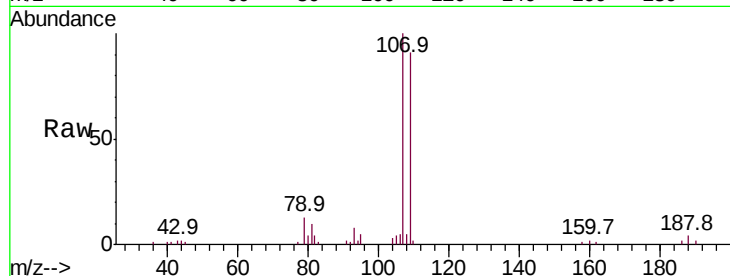
VN1027WBS01

Tot Ion:107 Resp: 56588

Ion Ratio Lower Upper

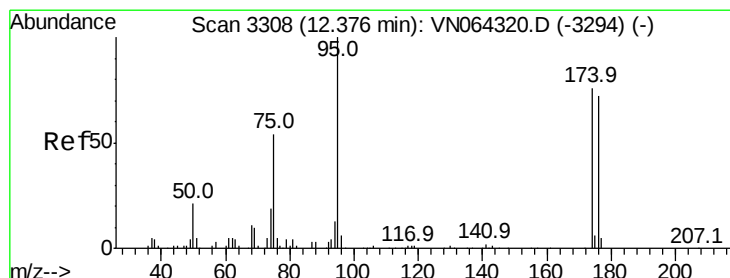
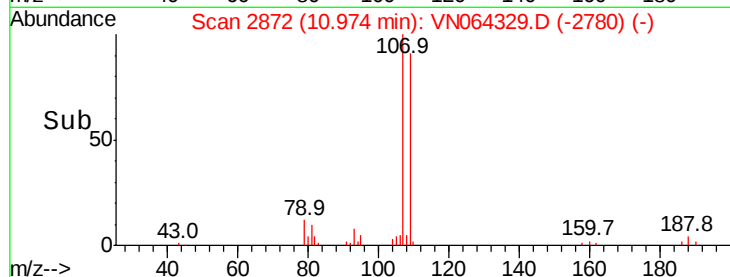
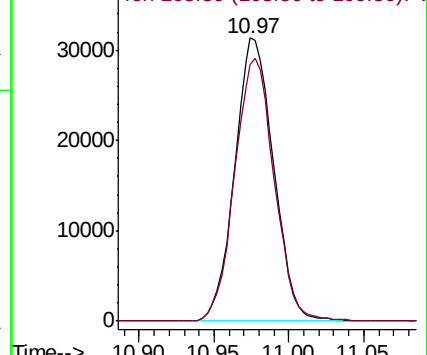
107 100

109 94.5 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: 48.337 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

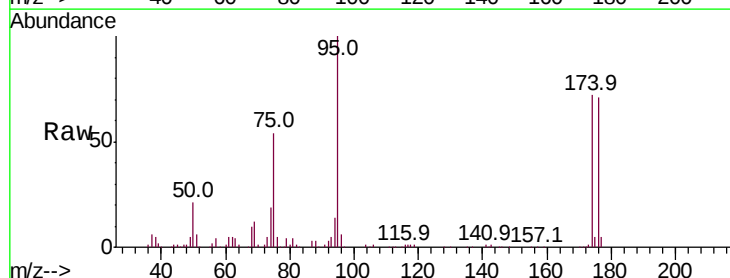
Tgt Ion: 95 Resp: 186266

Ion Ratio Lower Upper

95 100

174 72.5 0.0 147.4

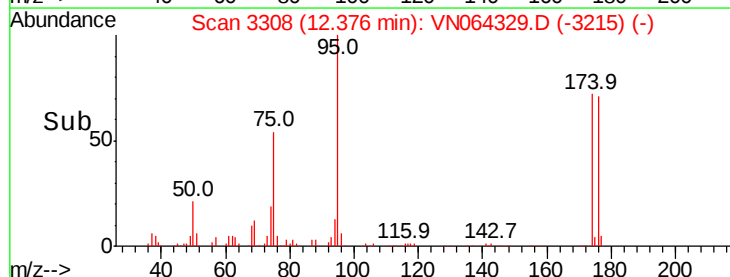
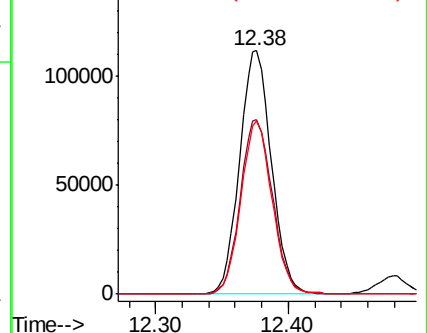
176 69.7 0.0 143.6

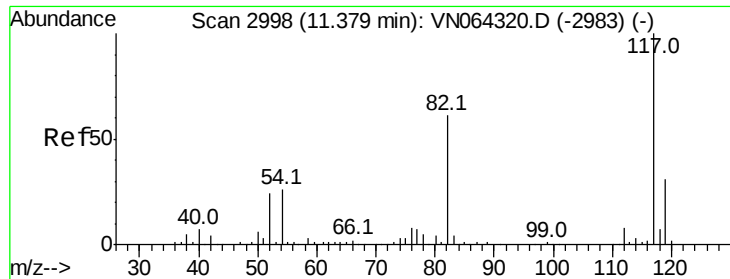


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

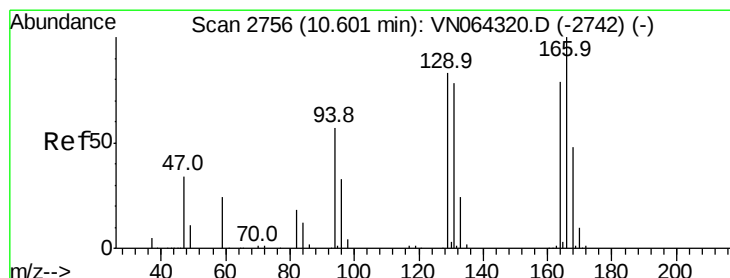
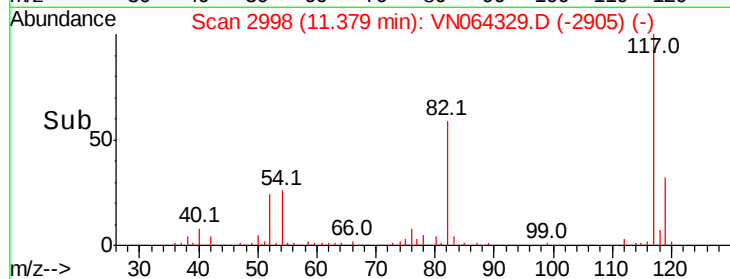
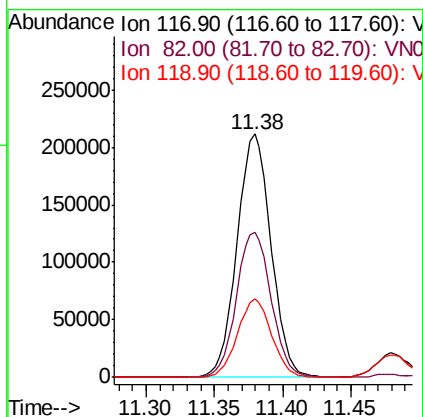
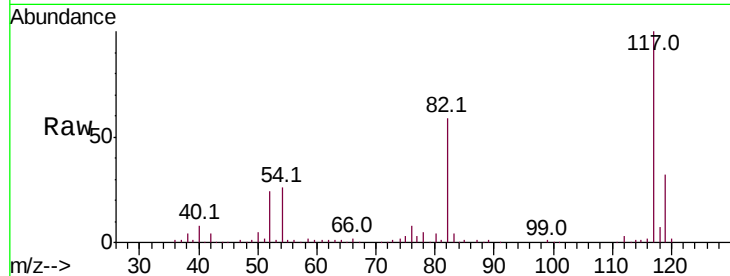




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

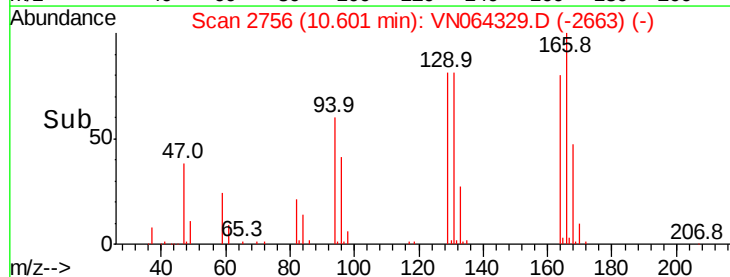
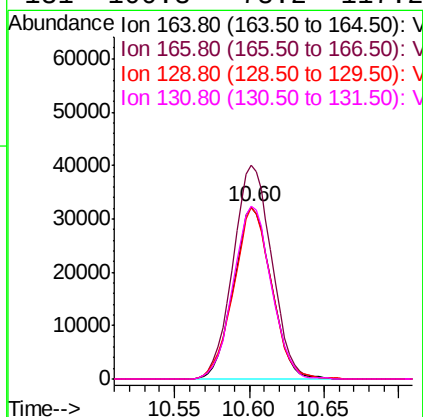
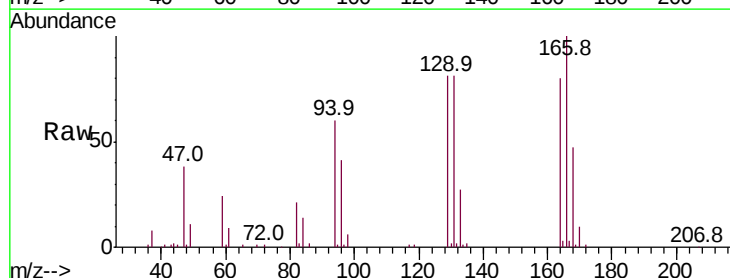
Instrument :
MSVOA_N
ClientSampled :
VN1027WBS01

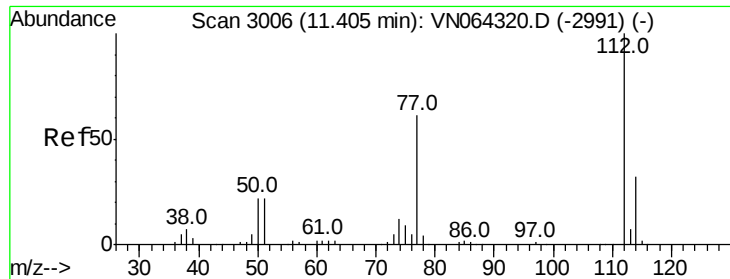
Tot Ion:117 Resp: 366158
Ion Ratio Lower Upper
117 100
82 59.4 48.8 73.2
119 32.2 25.1 37.7



#64
Tetrachloroethene
Concen: 18.791 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion:164 Resp: 56550
Ion Ratio Lower Upper
164 100
166 124.3 100.7 151.1
129 100.1 83.7 125.5
131 100.3 78.2 117.2

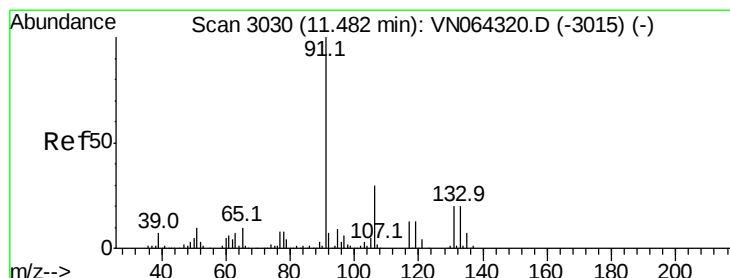
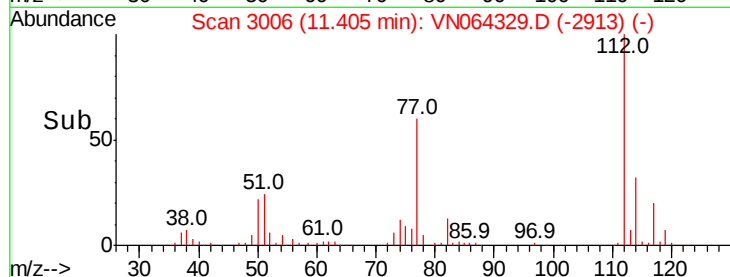
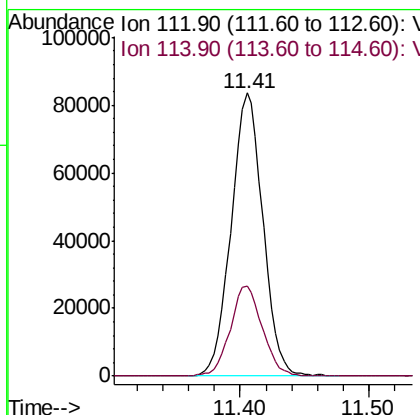
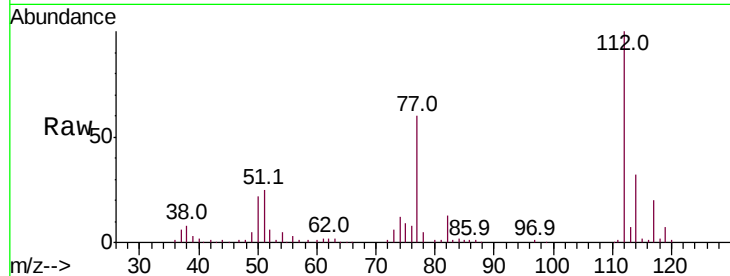




#65
Chlorobenzene
Concen: 19.206 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

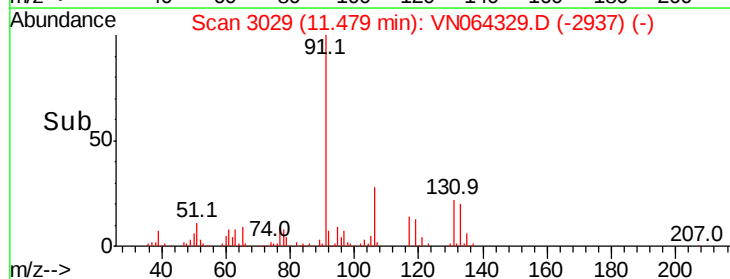
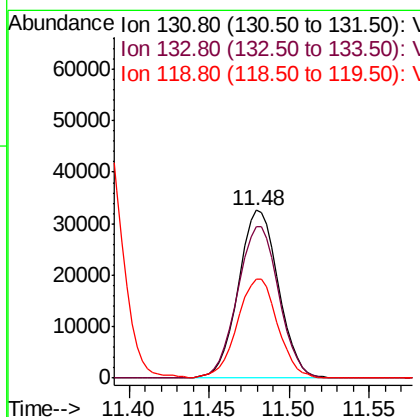
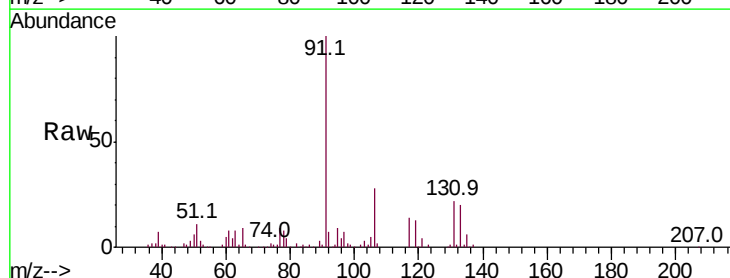
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

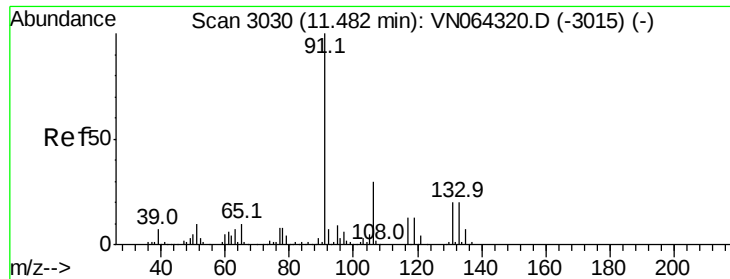
Tot Ion:112 Resp: 142572
Ion Ratio Lower Upper
112 100
114 31.8 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 18.615 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion:131 Resp: 55852
Ion Ratio Lower Upper
131 100
133 93.3 49.3 147.8
119 59.6 32.3 96.9





#67

Ethyl Benzene

Concen: 19.177 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

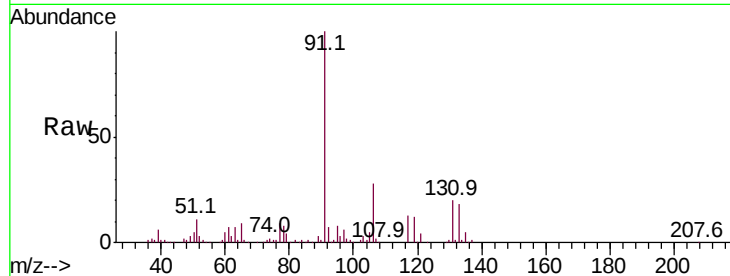
VN1027WBS01

Tot Ion: 91 Resp: 264658

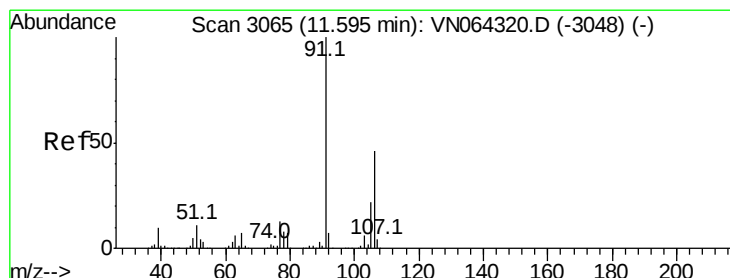
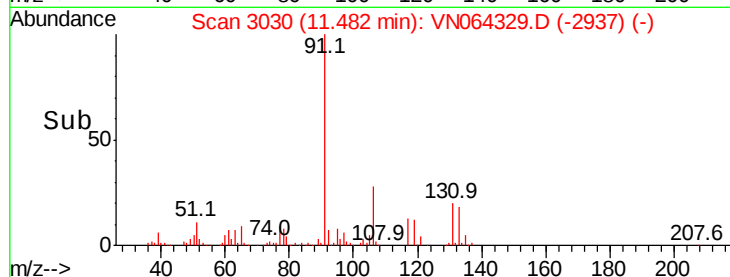
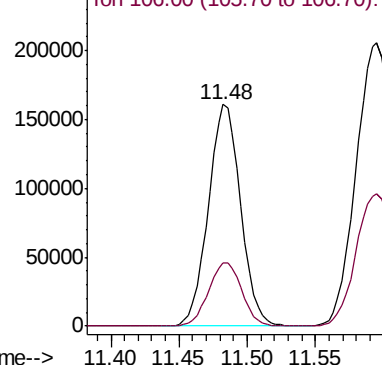
Ion Ratio Lower Upper

91 100

106 28.4 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VN064320.D (-3015) (-)



#68

m/p-Xylenes

Concen: 37.534 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. -0.00 min

Lab File: VN064329.D

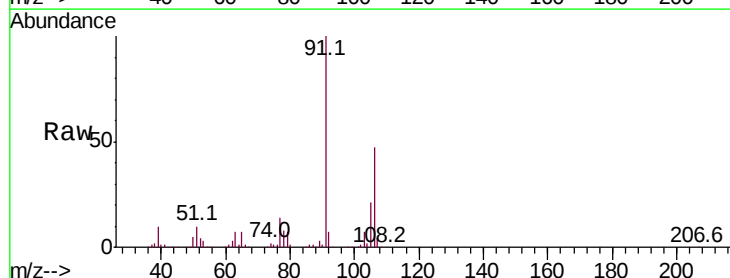
Acq: 27 Oct 2020 16:28

Tgt Ion:106 Resp: 191967

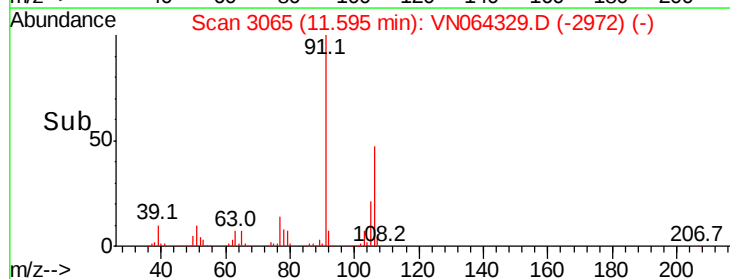
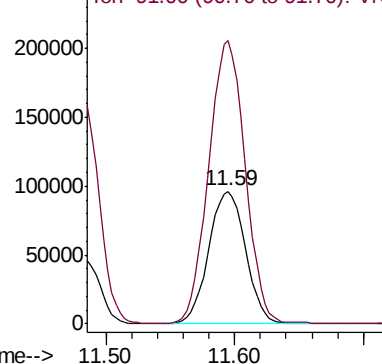
Ion Ratio Lower Upper

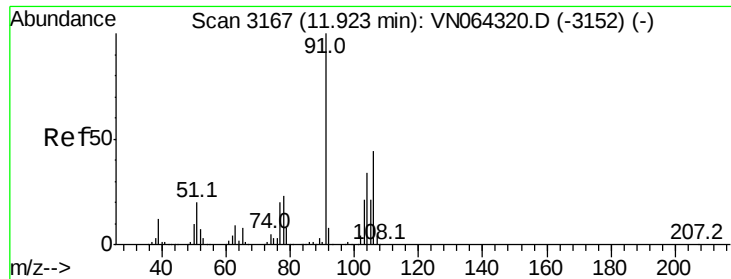
106 100

91 209.6 170.2 255.4



Abundance Ion 106.00 (105.70 to 106.70): VN064320.D (-3048) (-)

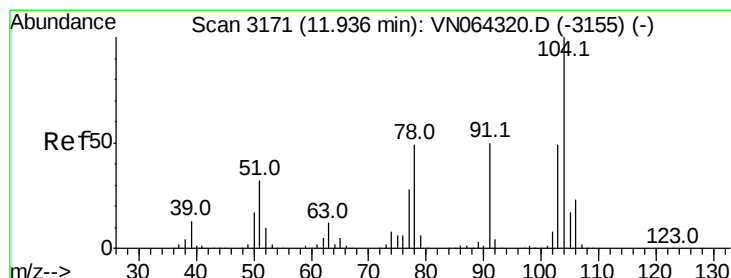
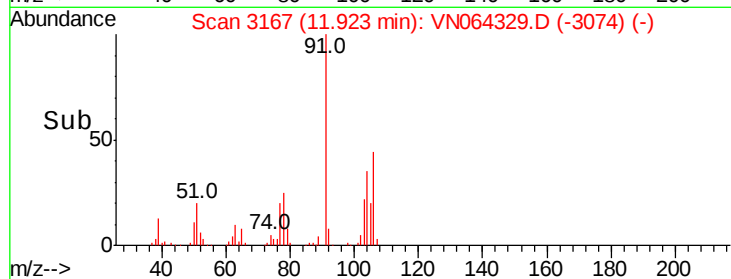
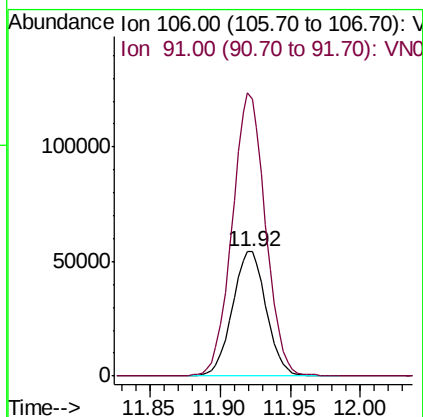
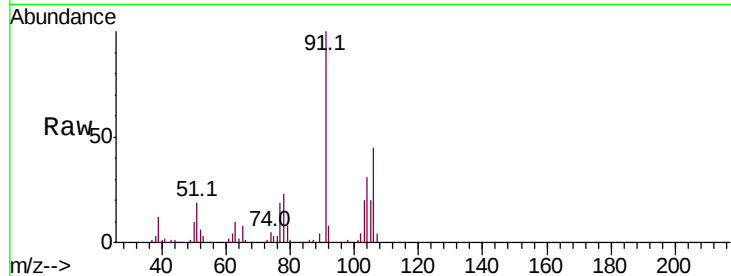




#69
o-Xylene
Concen: 18.560 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

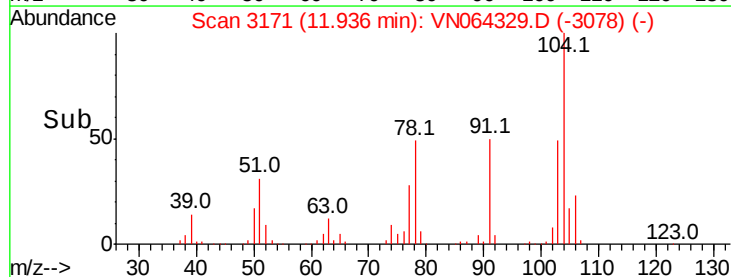
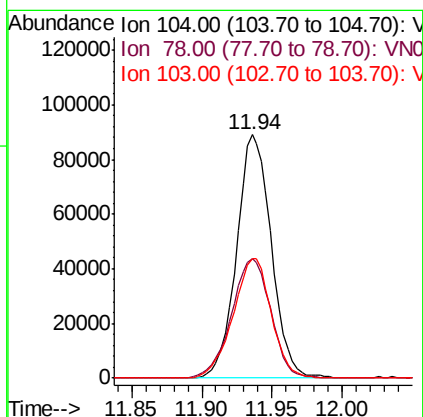
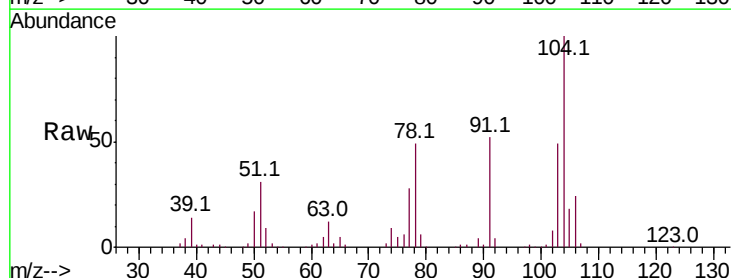
Instrument :
MSVOA_N
ClientSampled :
VN1027WBS01

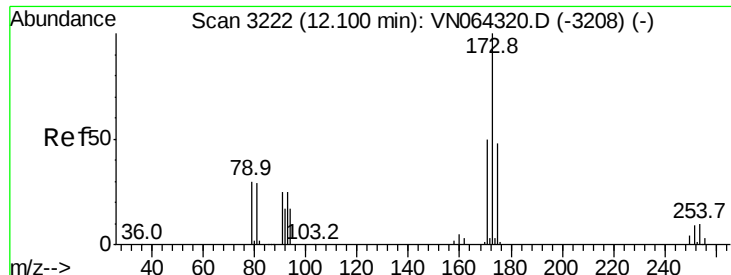
Tot Ion:106 Resp: 91450
Ion Ratio Lower Upper
106 100
91 223.1 114.5 343.5



#70
Styrene
Concen: 19.017 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion:104 Resp: 153636
Ion Ratio Lower Upper
104 100
78 55.4 43.7 65.5
103 54.1 43.3 64.9

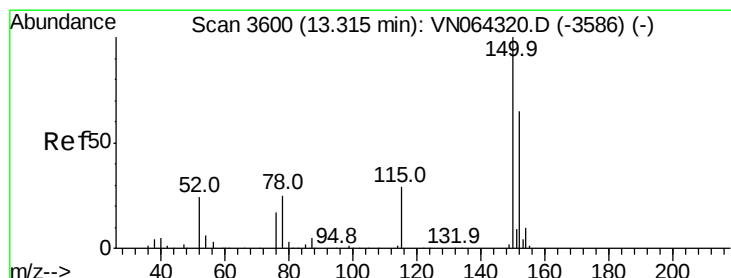
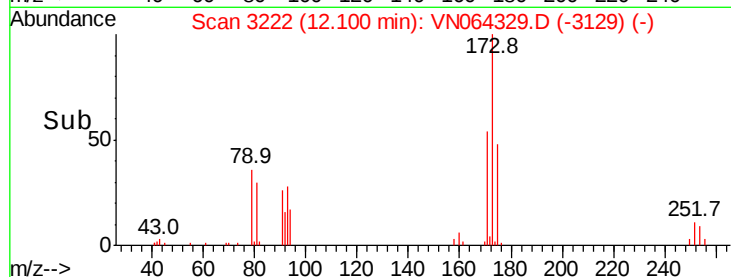
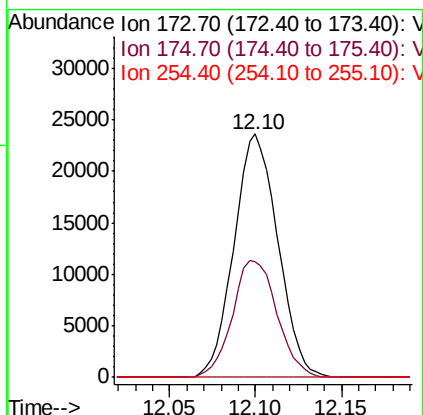
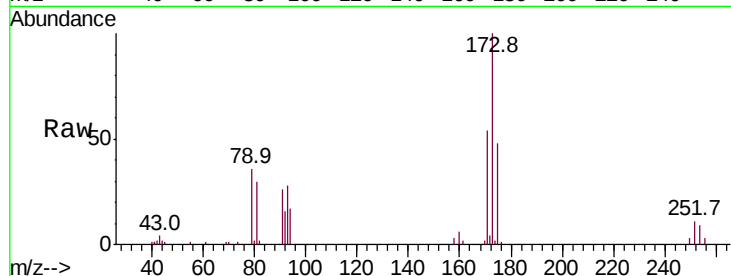




#71
Bromoform
Concen: 17.752 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

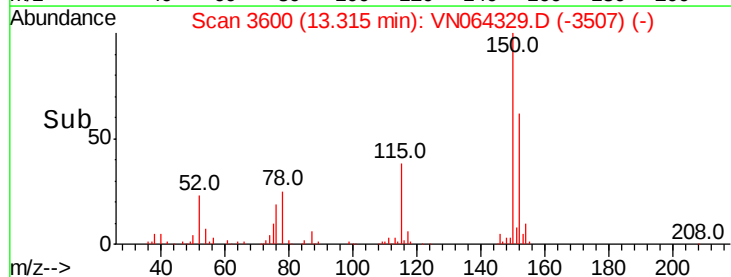
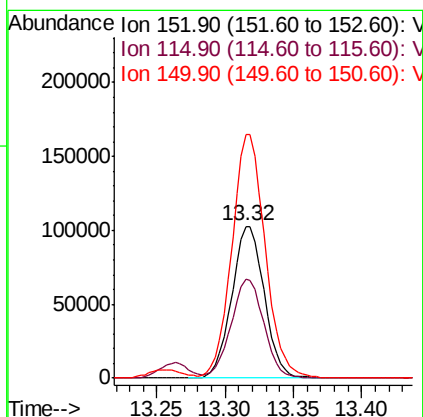
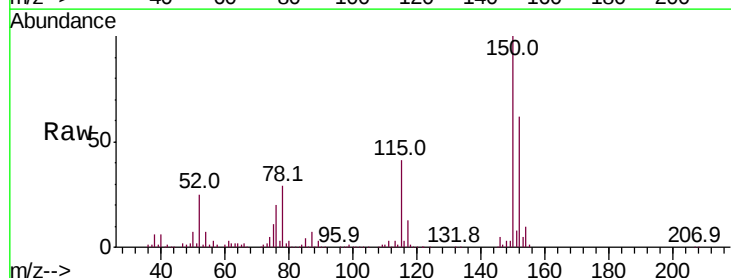
Instrument :
MSVOA_N
ClientSampleId :
VN1027WBS01

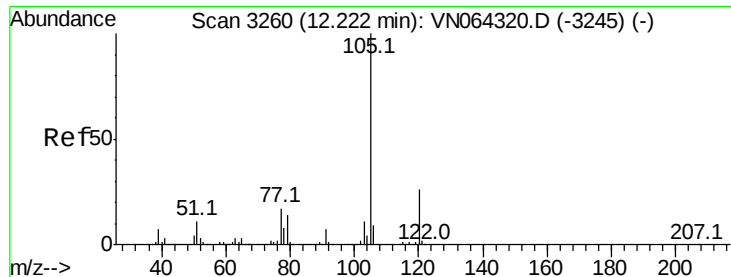
Tot Ion:173 Resp: 41804
Ion Ratio Lower Upper
173 100
175 48.7 25.4 76.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion:152 Resp: 169282
Ion Ratio Lower Upper
152 100
115 65.4 31.5 94.5
150 164.2 0.0 346.2





#73

Isopropylbenzene

Concen: 19.277 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

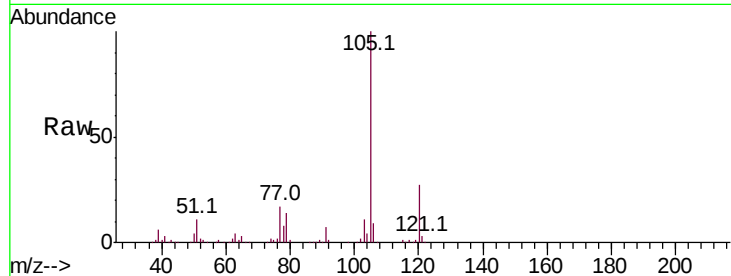
VN1027WBS01

Tot Ion:105 Resp: 244403

Ion Ratio Lower Upper

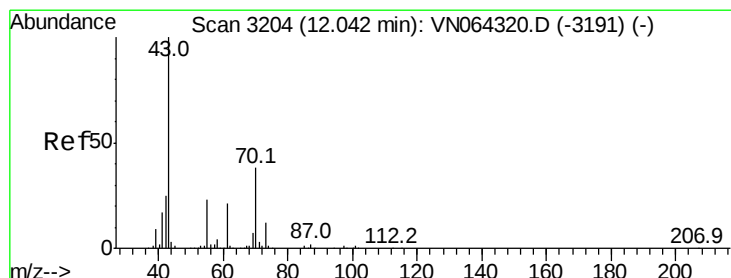
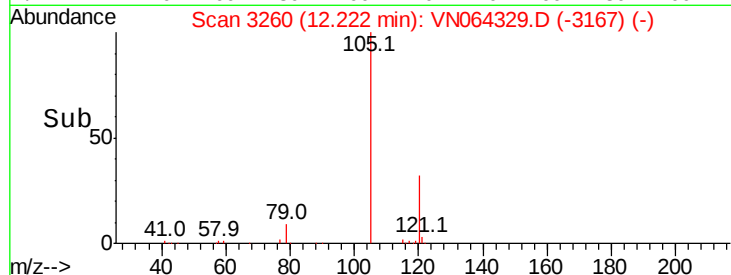
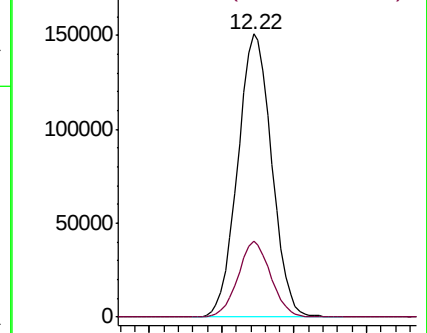
105 100

120 25.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.711 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Tgt Ion: 43 Resp: 104418

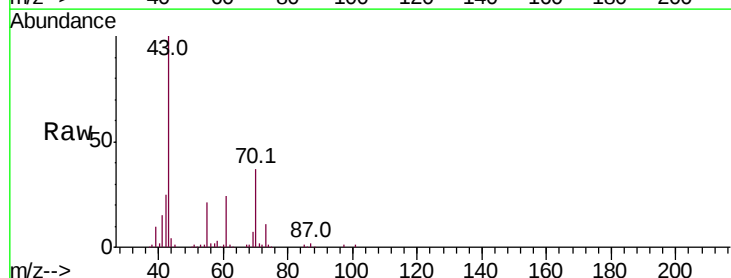
Ion Ratio Lower Upper

43 100

70 38.1 30.6 45.8

55 23.0 18.2 27.4

61 23.6 17.6 26.4

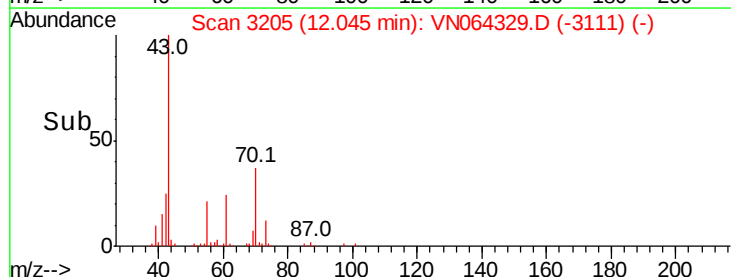
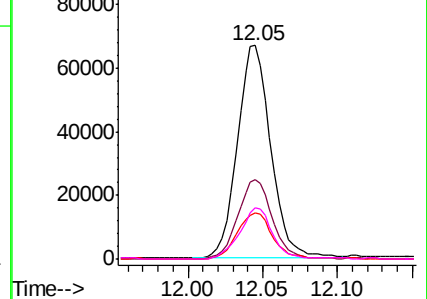


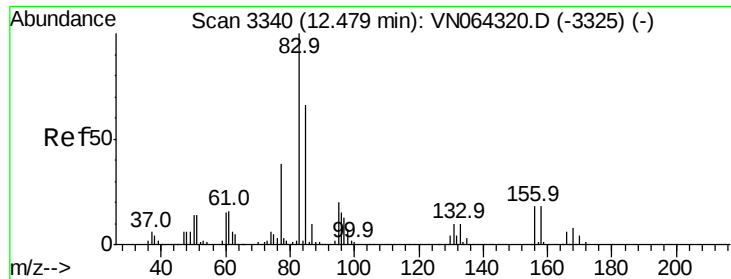
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.133 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampled :

VN1027WBS01

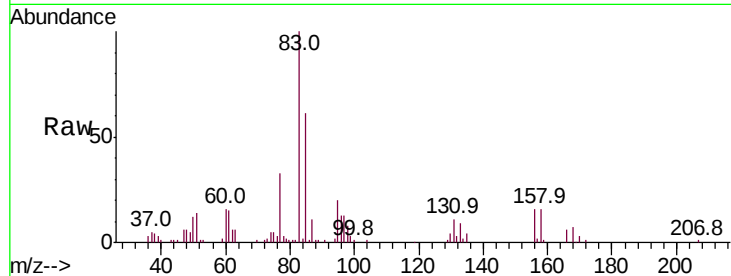
Tot Ion: 83 Resp: 70514

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

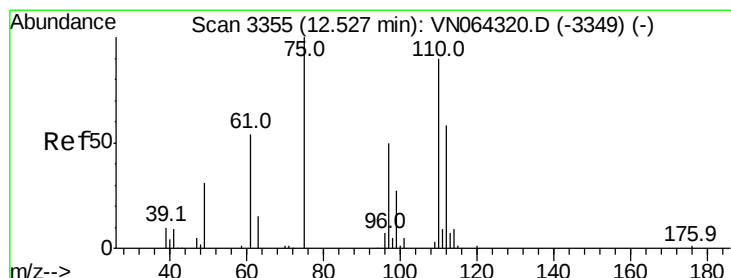
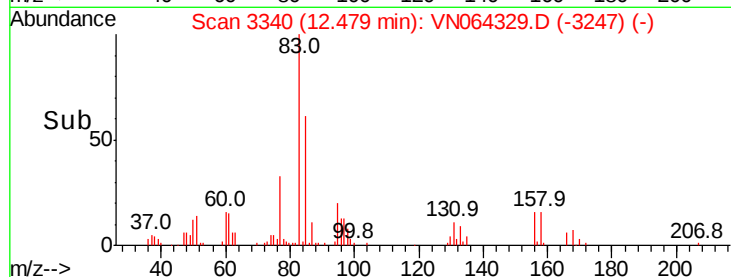
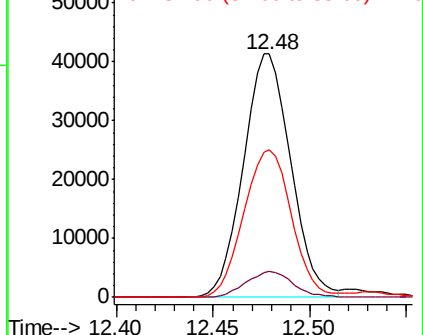
85 60.9 33.0 98.9



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 25.810 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN064329.D

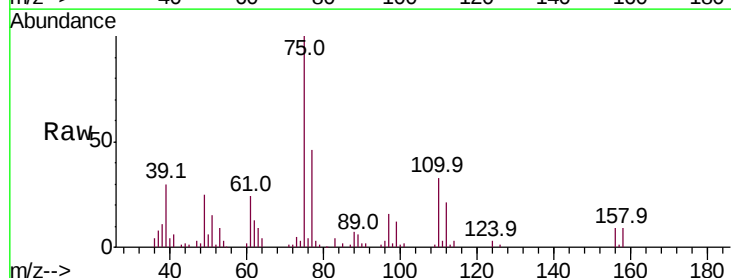
Acq: 27 Oct 2020 16:28

Tgt Ion: 75 Resp: 104631

Ion Ratio Lower Upper

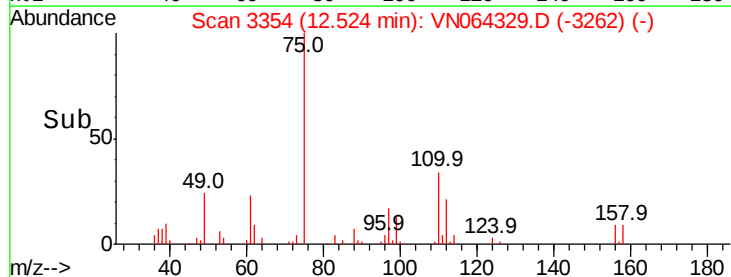
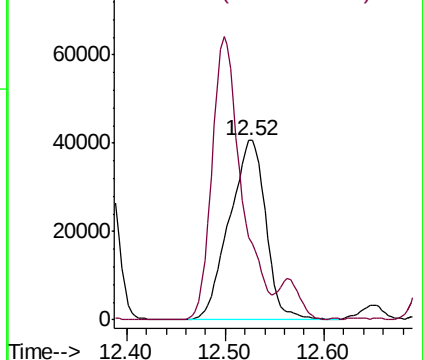
75 100

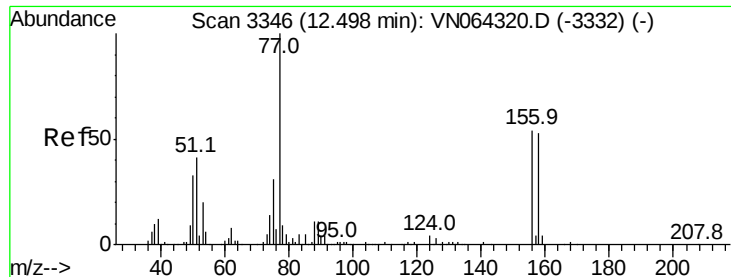
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 19.209 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

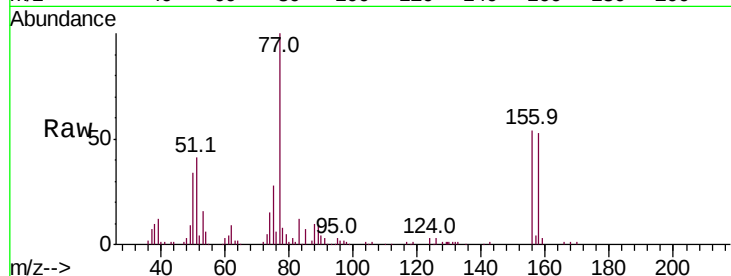
Tot Ion:156 Resp: 59637

Ion Ratio Lower Upper

156 100

77 225.4 111.9 335.7

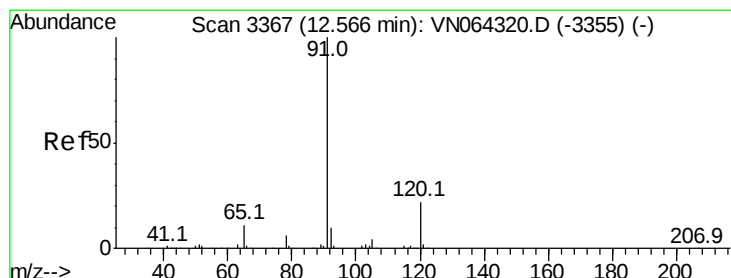
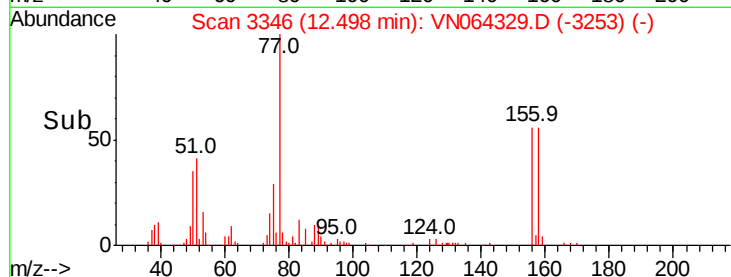
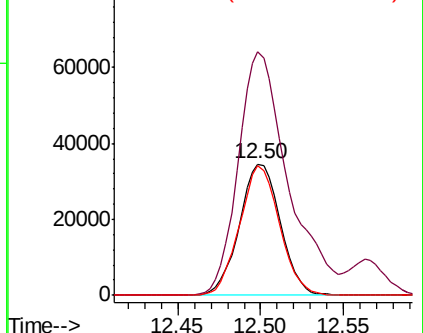
158 95.9 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.240 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064329.D

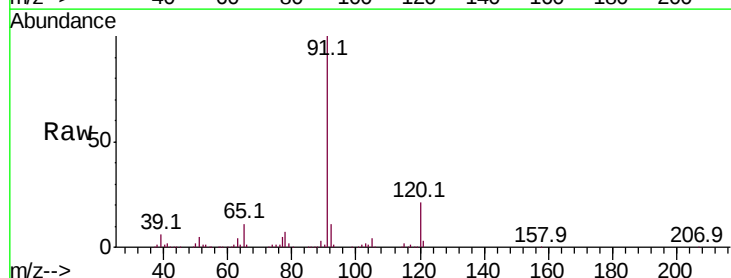
Acq: 27 Oct 2020 16:28

Tgt Ion: 91 Resp: 276176

Ion Ratio Lower Upper

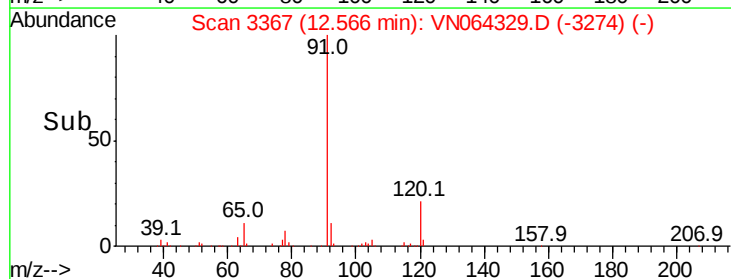
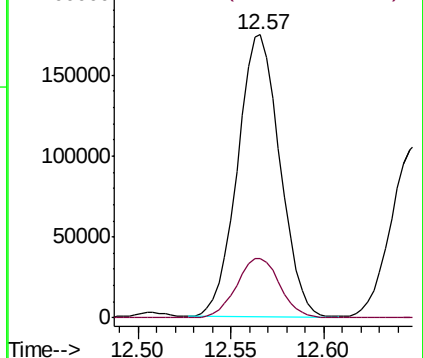
91 100

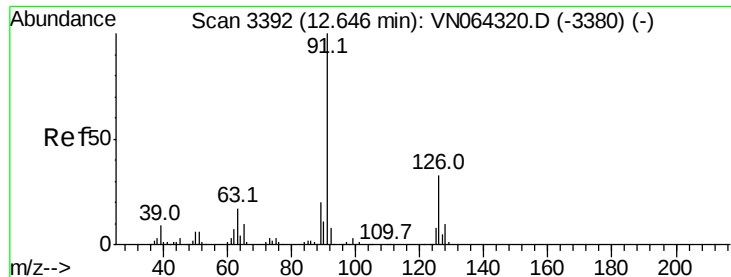
120 21.6 11.2 33.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.229 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

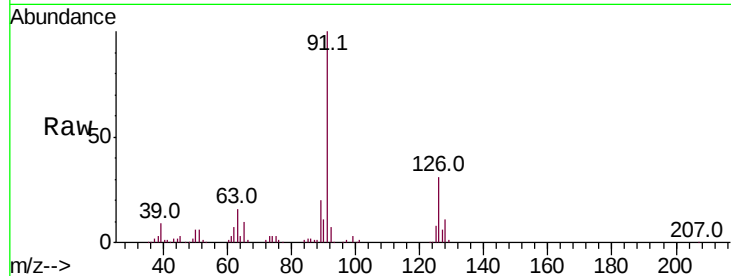
VN1027WBS01

Tot Ion: 91 Resp: 176439

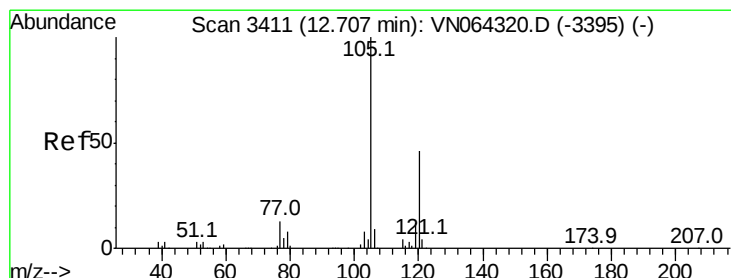
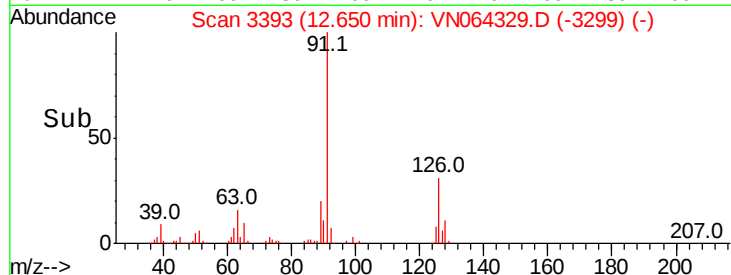
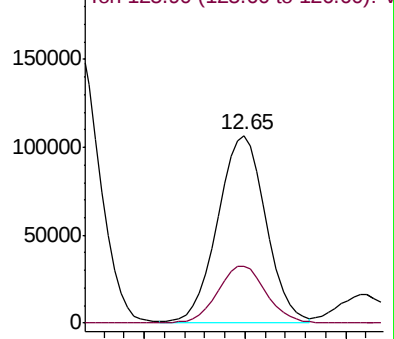
Ion Ratio Lower Upper

91 100

126 31.1 16.2 48.5



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



#80

1,3,5-Trimethylbenzene

Concen: 19.633 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064329.D

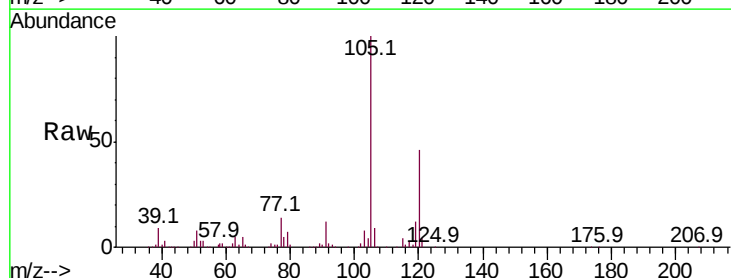
Acq: 27 Oct 2020 16:28

Tgt Ion: 105 Resp: 210629

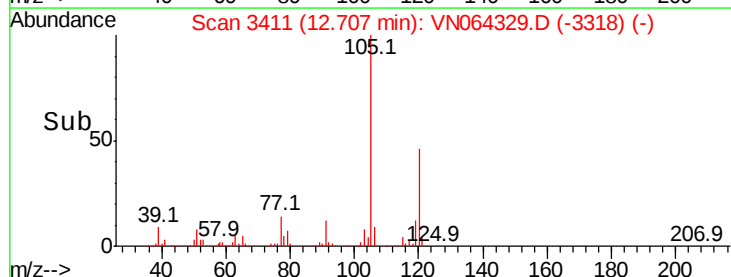
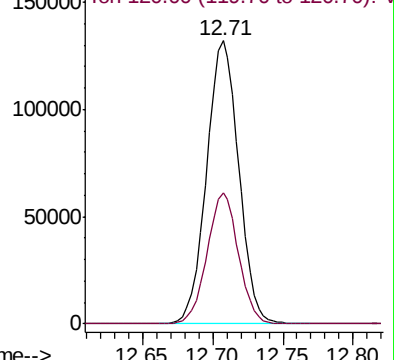
Ion Ratio Lower Upper

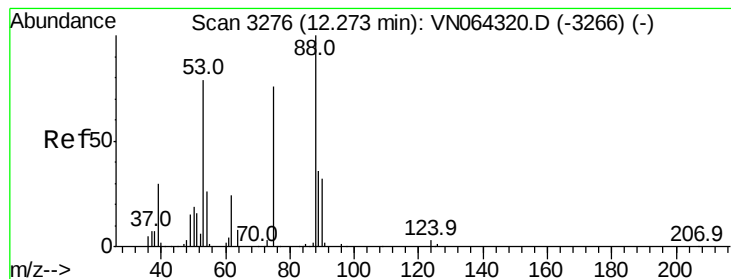
105 100

120 45.1 22.9 68.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.154 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

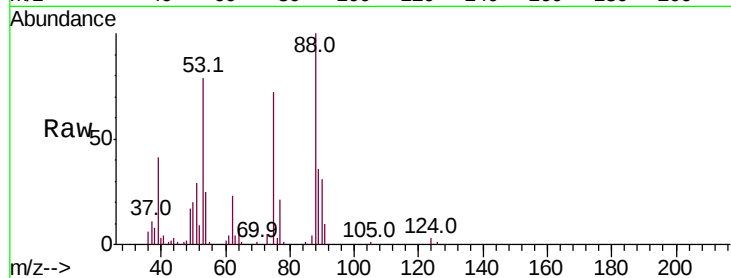
Tot Ion: 75 Resp: 25548

Ion Ratio Lower Upper

75 100

53 114.1 81.8 122.8

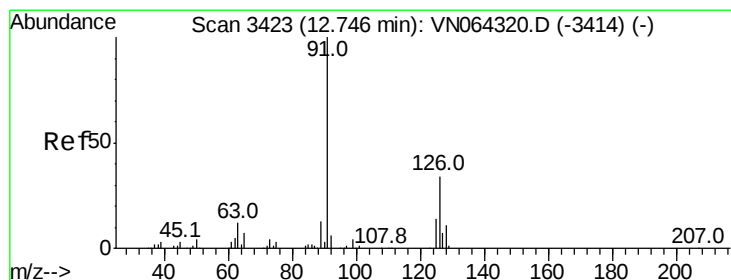
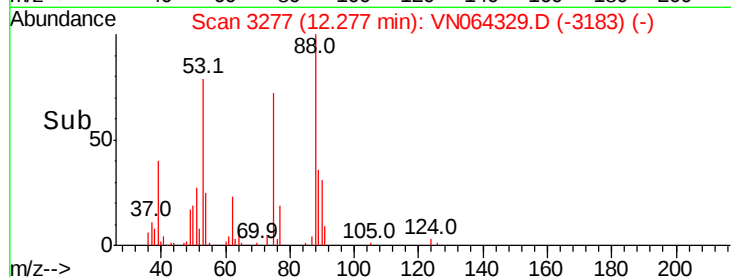
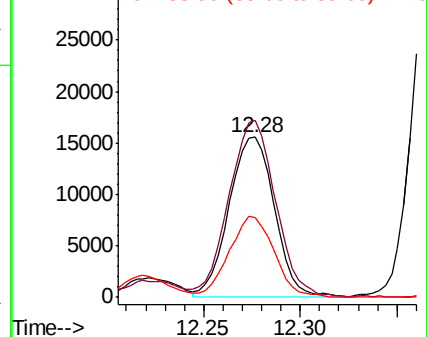
89 49.8 39.9 59.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 19.666 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN064329.D

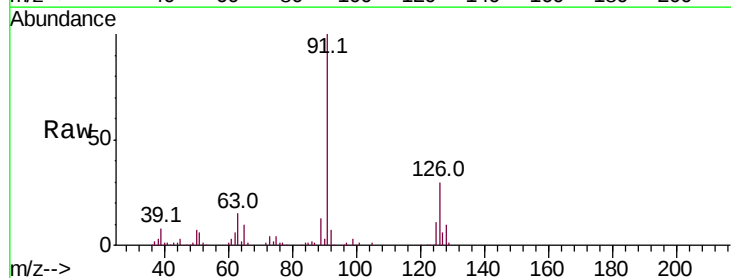
Acq: 27 Oct 2020 16:28

Tgt Ion: 91 Resp: 183834

Ion Ratio Lower Upper

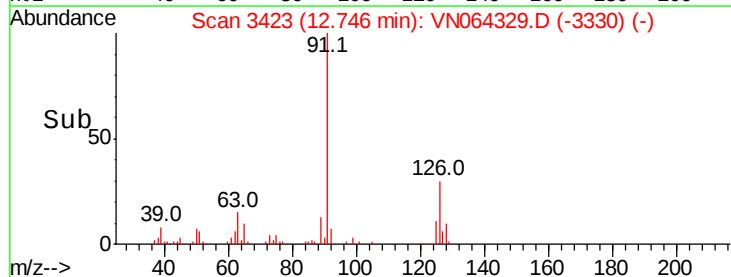
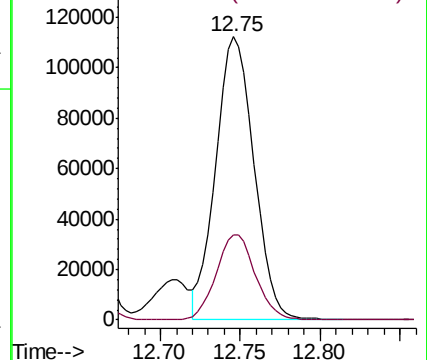
91 100

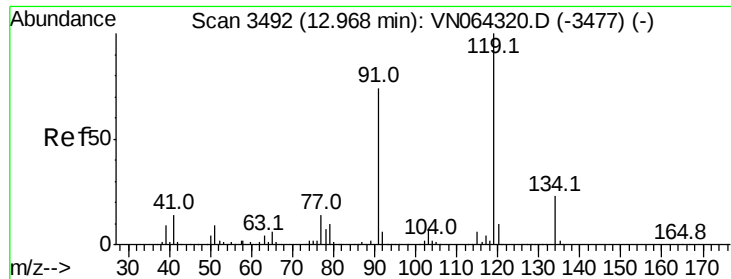
126 31.2 15.8 47.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 19.379 ug/l

RT: 12.97 min Scan# 3492

Delta R.T. -0.00 min

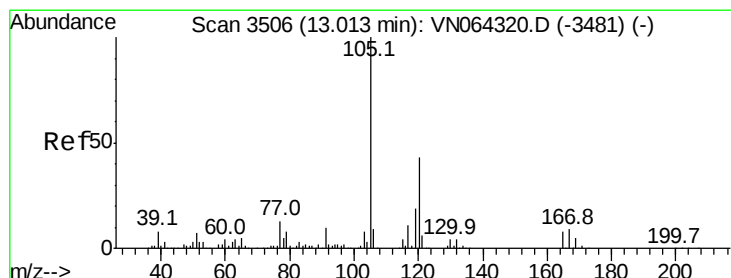
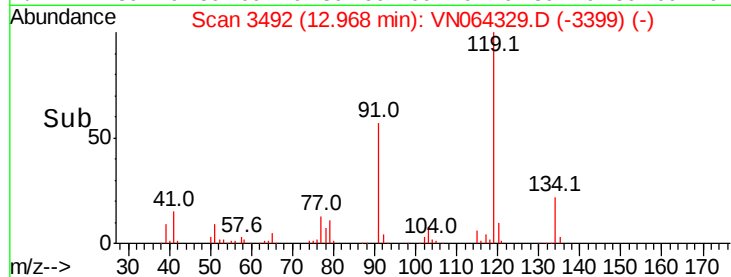
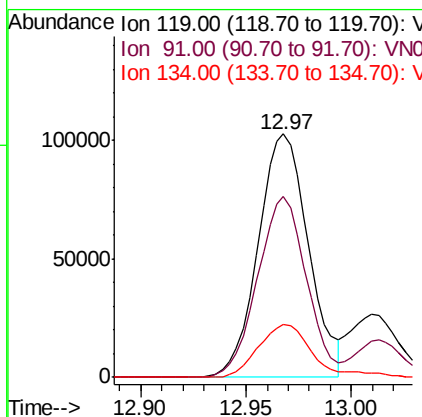
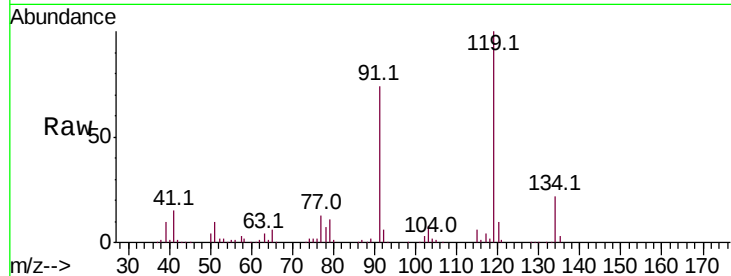
Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :
MSVOA_N
ClientSampled :
VN1027WBS01

Tot Ion:119 Resp: 170601

Ion	Ratio	Lower	Upper
119	100		
91	71.8	36.4	109.1
134	23.6	12.0	36.1



#84

1,2,4-Trimethylbenzene

Concen: 19.097 ug/l

RT: 13.01 min Scan# 3506

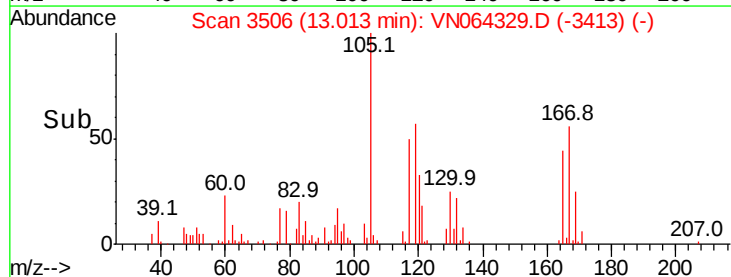
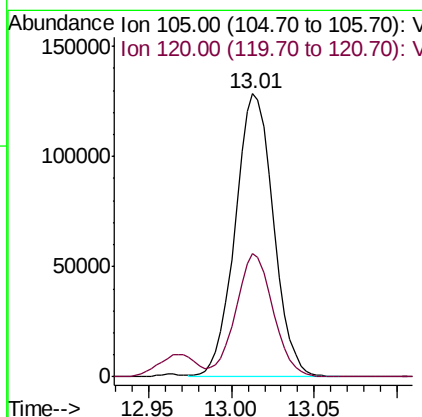
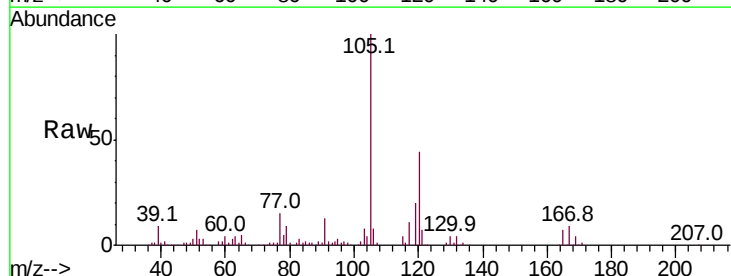
Delta R.T. -0.00 min

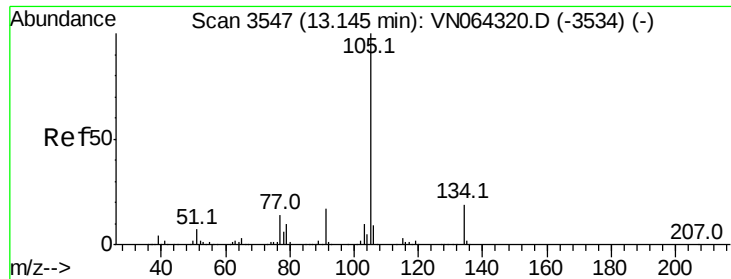
Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Tgt Ion:105 Resp: 204710

Ion	Ratio	Lower	Upper
105	100		
120	43.0	21.3	64.0





#85

sec-Butylbenzene

Concen: 19.167 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

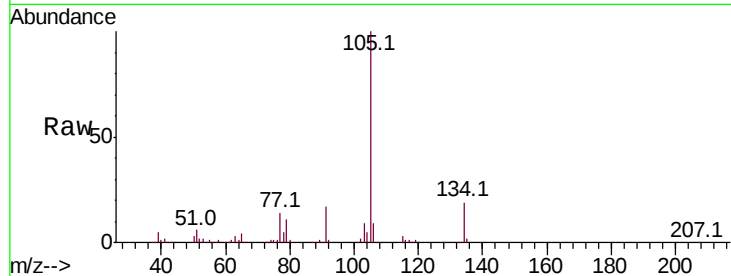
VN1027WBS01

Tot Ion:105 Resp: 218357

Ion Ratio Lower Upper

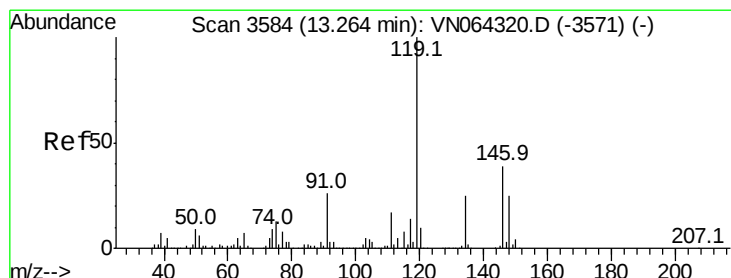
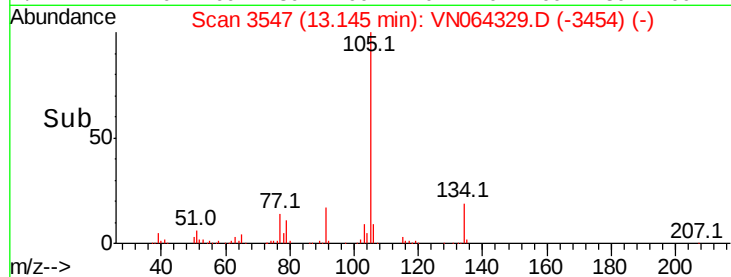
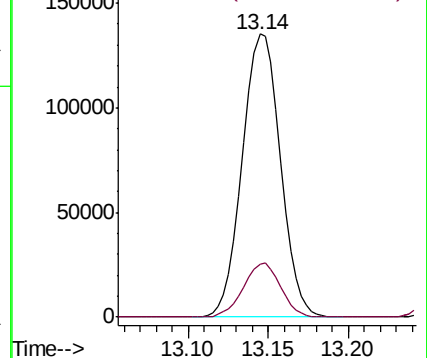
105 100

134 18.8 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: 19.314 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

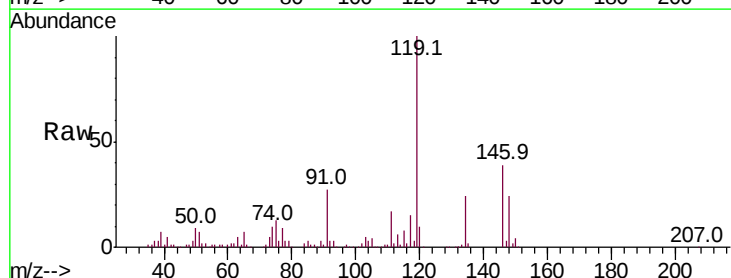
Tgt Ion:119 Resp: 198224

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

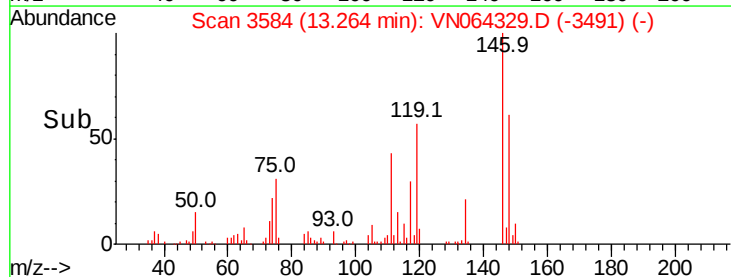
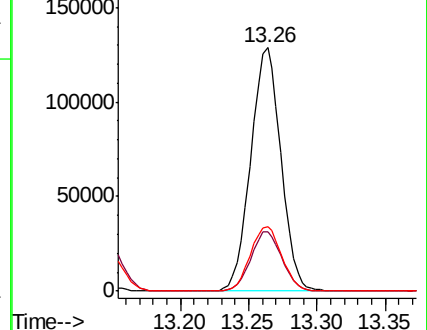
91 27.6 13.0 38.9

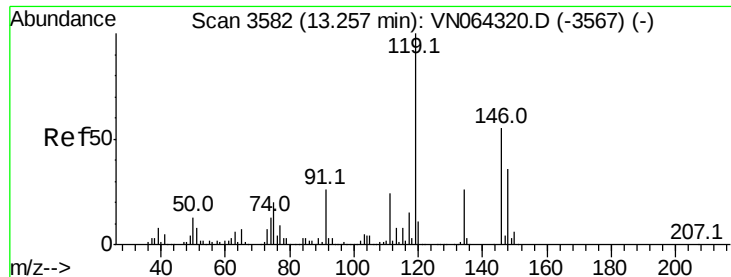


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.017 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

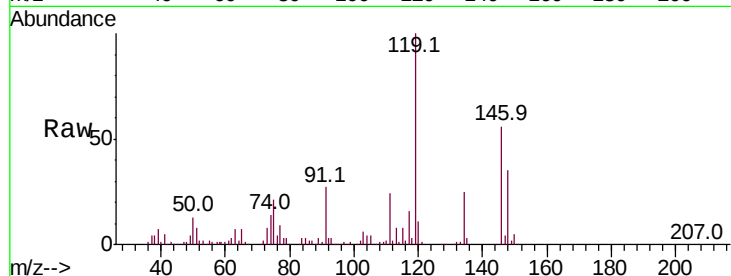
Tot Ion:146 Resp: 103359

Ion Ratio Lower Upper

146 100

111 42.5 21.9 65.5

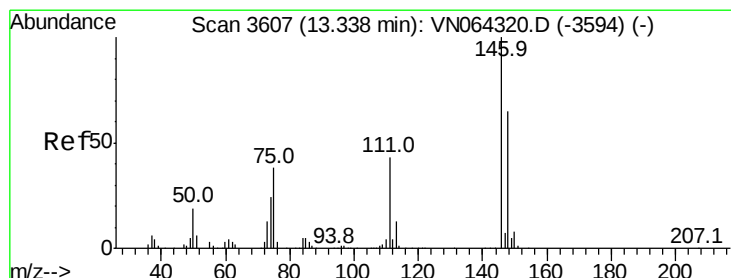
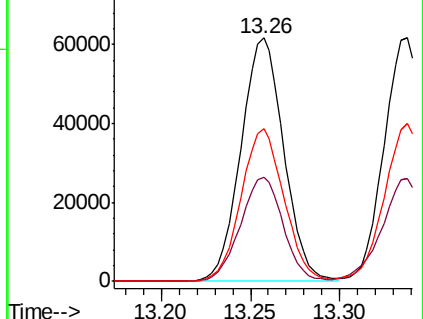
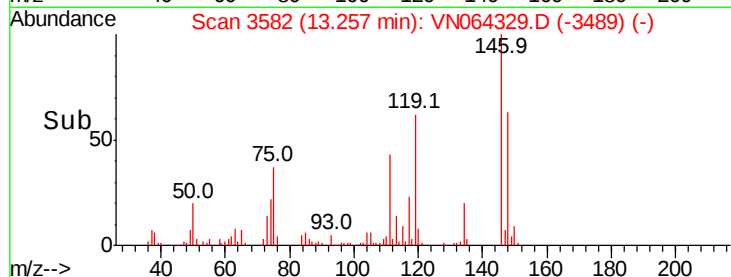
148 62.8 32.6 98.0



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: 18.196 ug/l

RT: 13.34 min Scan# 3607

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

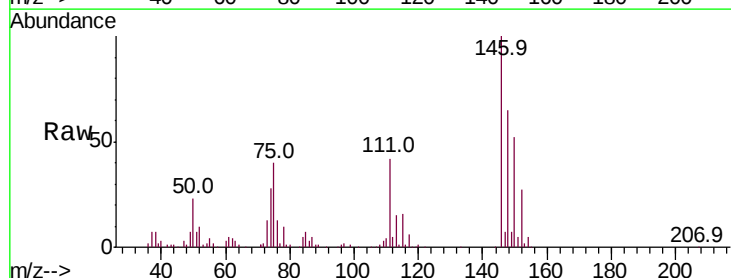
Tgt Ion:146 Resp: 100727

Ion Ratio Lower Upper

146 100

111 43.8 21.8 65.4

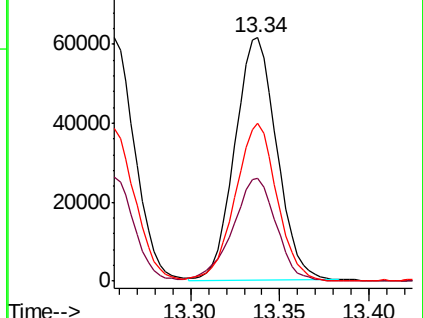
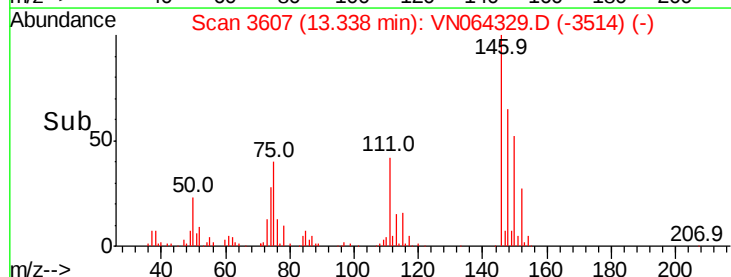
148 65.1 31.8 95.3

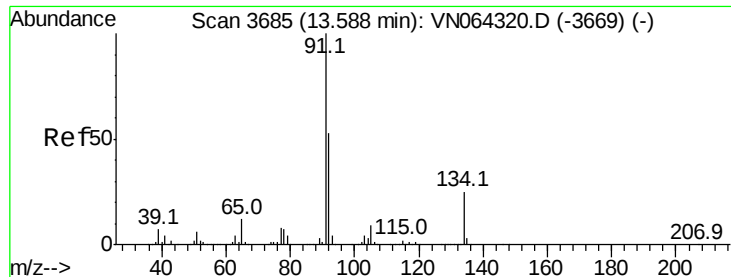


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

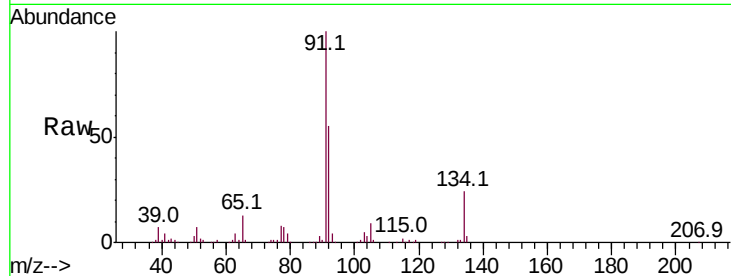




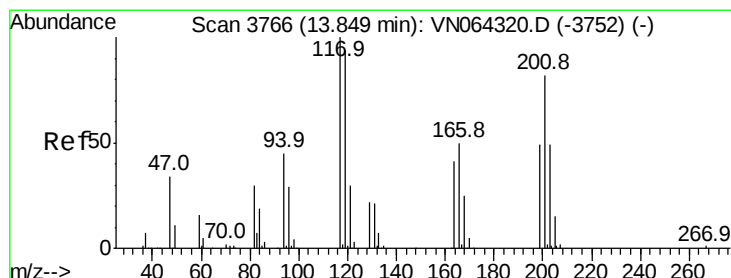
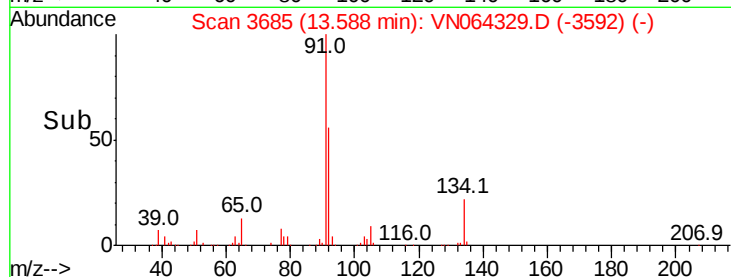
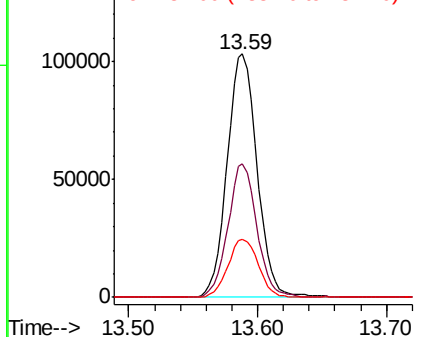
#89
n-Butylbenzene
Concen: 18.394 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Instrument :
MSVOA_N
ClientSampled :
VN1027WBS01

Tot Ion: 91 Resp: 166303
Ion Ratio Lower Upper
91 100
92 53.0 26.2 78.5
134 24.1 12.4 37.4

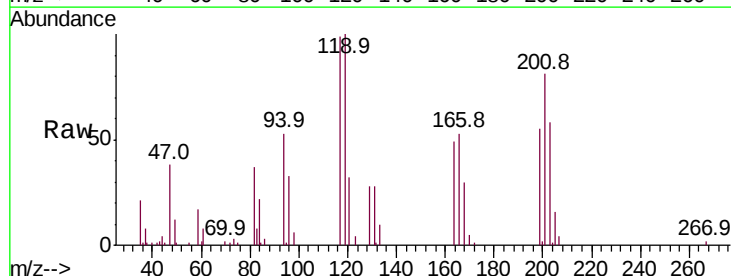


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): V

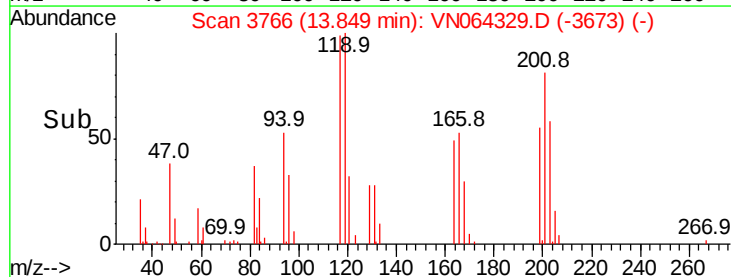
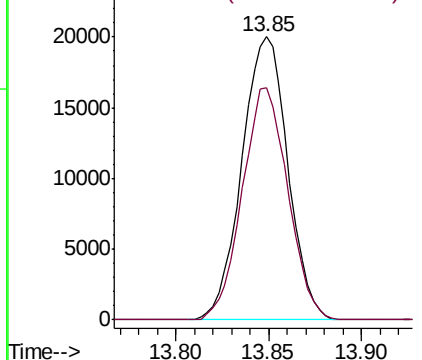


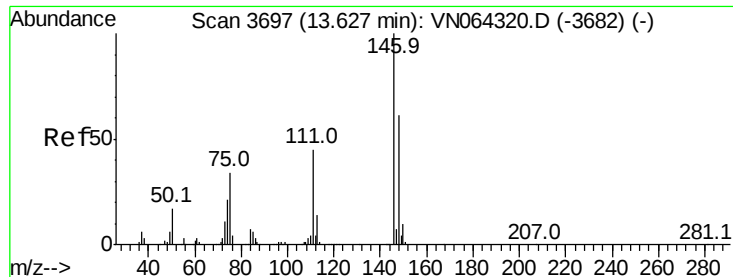
#90
Hexachloroethane
Concen: 17.950 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064329.D
Acq: 27 Oct 2020 16:28

Tgt Ion: 117 Resp: 34598
Ion Ratio Lower Upper
117 100
201 81.3 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: 18.613 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

MSVOA_N

ClientSampleId :

VN1027WBS01

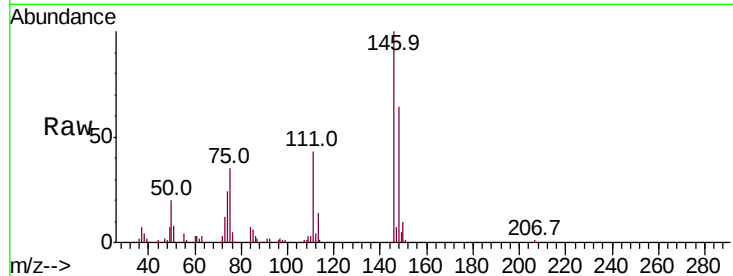
Tot Ion:146 Resp: 100576

Ion Ratio Lower Upper

146 100

111 43.9 23.0 69.0

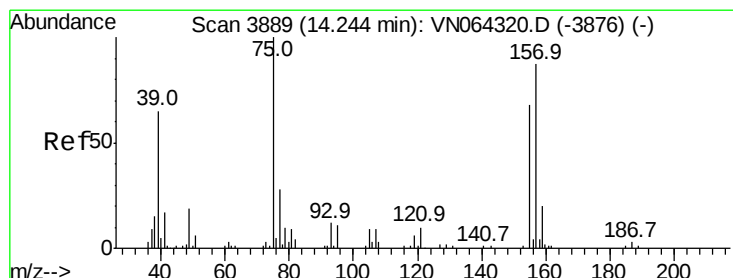
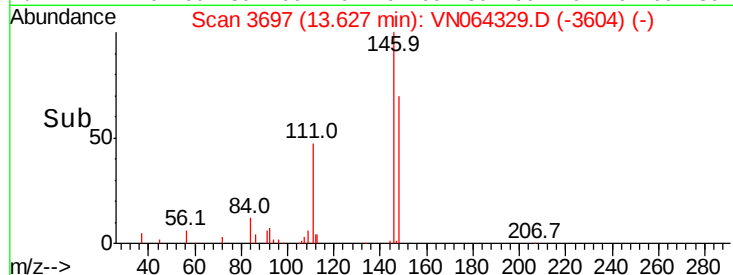
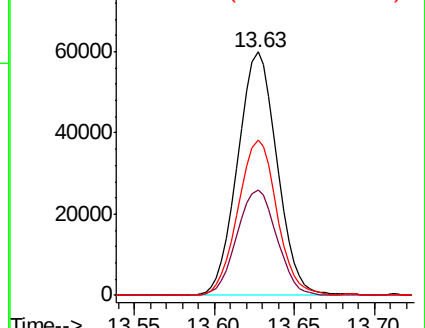
148 63.1 32.1 96.3



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: 19.088 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

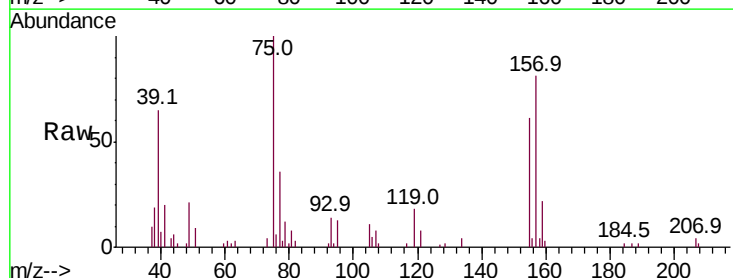
Tgt Ion: 75 Resp: 17455

Ion Ratio Lower Upper

75 100

155 66.9 35.1 105.5

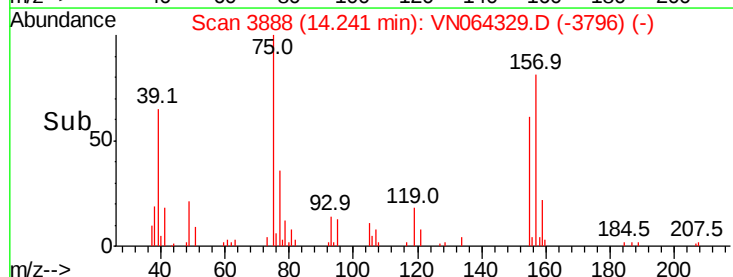
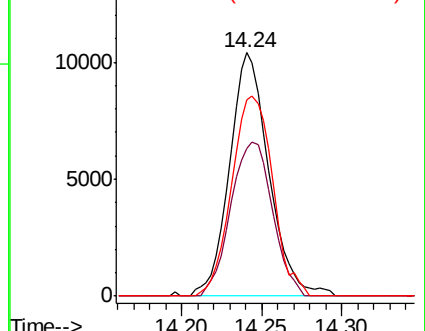
157 85.8 43.2 129.6

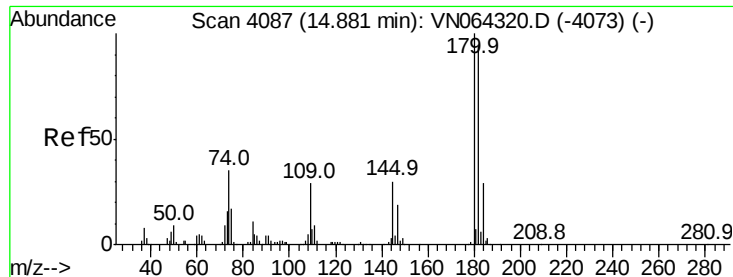


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

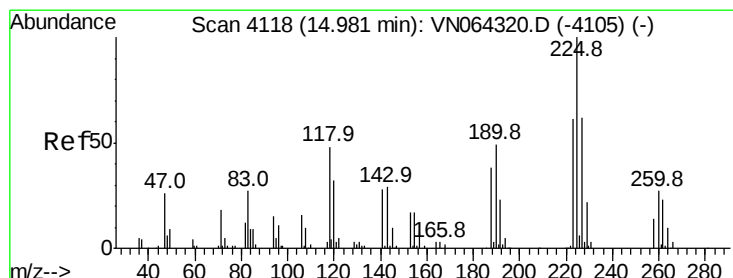
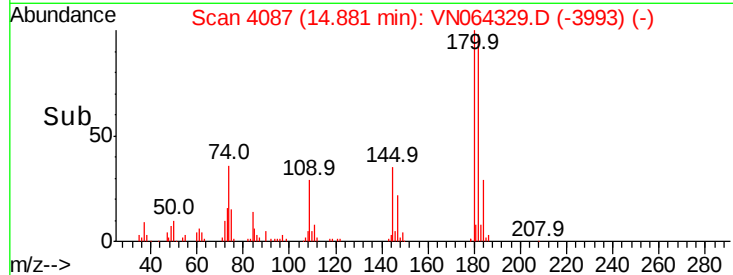
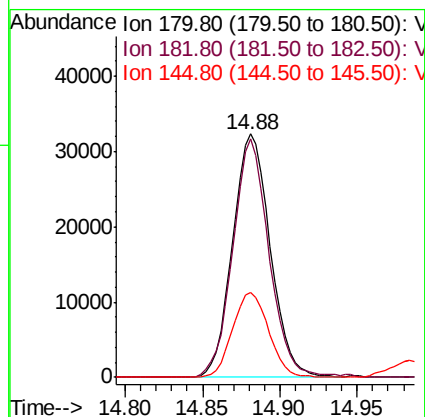
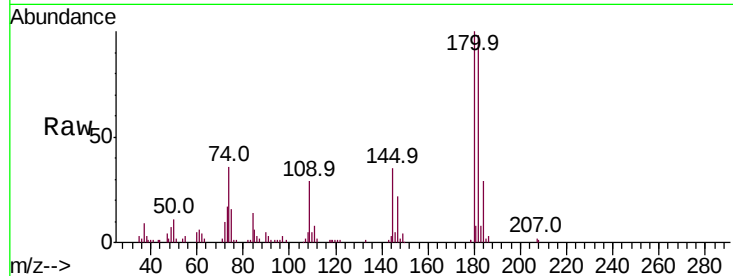




#93
 1,2,4-Trichlorobenzene
 Concen: 18.850 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

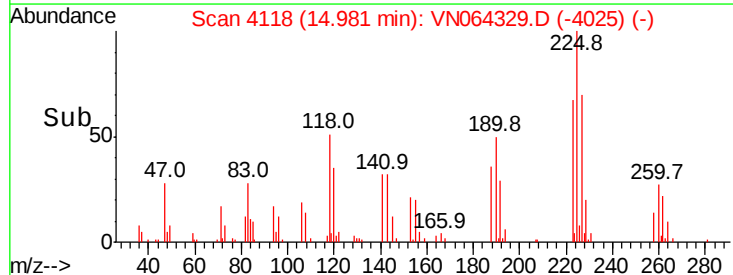
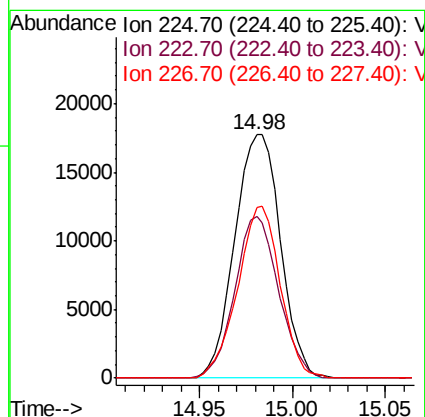
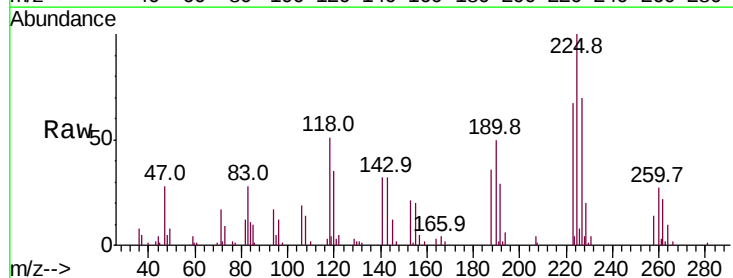
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027WBS01

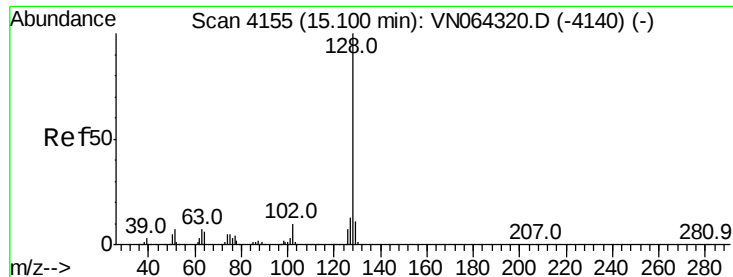
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.3	46.6	139.7
145	33.3	15.3	45.9



#94
 Hexachlorobutadiene
 Concen: 18.413 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN064329.D
 Acq: 27 Oct 2020 16:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	31.3	93.8
227	65.5	32.3	96.9





#95

Naphthalene

Concen: 17.926 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Instrument :

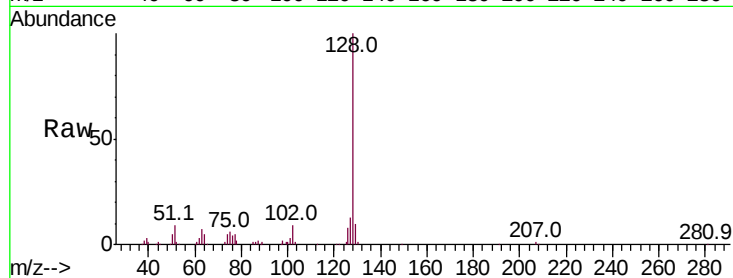
MSVOA_N

ClientSampleId :

VN1027WBS01

Tot Ion:128 Resp: 156120

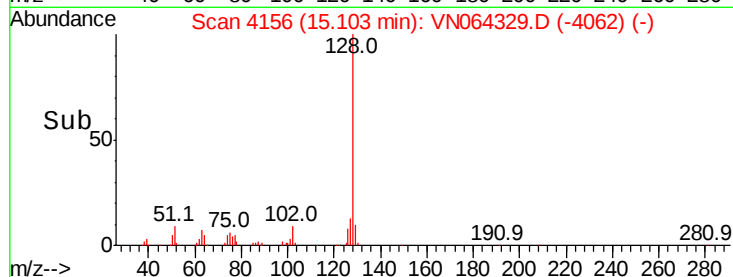
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.4	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

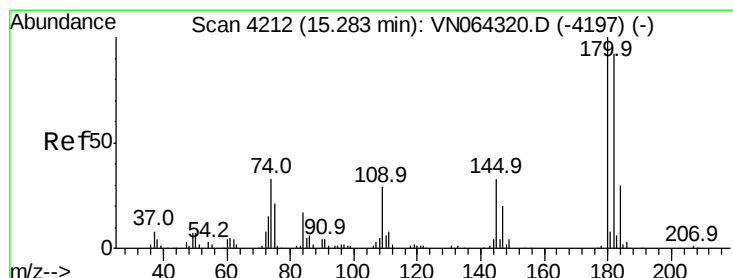
Ion 129.00 (128.70 to 129.70): V



Time-->

15.10

15.05 15.10 15.15



#96

1,2,3-Trichlorobenzene

Concen: 18.211 ug/l

RT: 15.28 min Scan# 4212

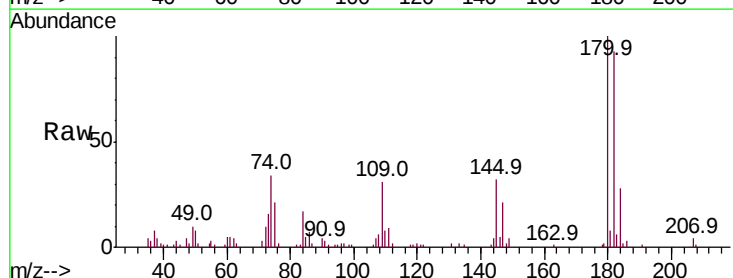
Delta R.T. 0.00 min

Lab File: VN064329.D

Acq: 27 Oct 2020 16:28

Tgt Ion:180 Resp: 50171

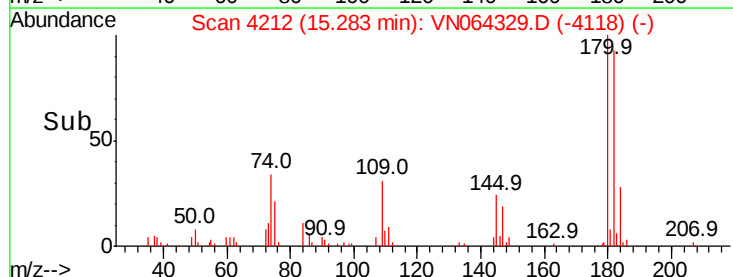
Ion	Ratio	Lower	Upper
180	100		
182	100.2	46.1	138.3
145	32.8	16.2	48.5



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

15.28

15.20 15.30