

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111820\
 Data File : VN064700.D
 Acq On : 18 Nov 2020 11:39
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 11/19/2020 2:09:56 PM

Quant Time: Nov 18 13:56:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 13:40:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	187987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	356095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	315643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121526	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1994	0.833	ug/l	96
3) Chloromethane	2.04	50	2390	0.830	ug/l	95
4) Vinyl Chloride	2.17	62	2829	0.954	ug/l	99
6) Chloroethane	2.68	64	1713	0.891	ug/l	98
7) Trichlorofluoromethane	2.99	101	4564	1.013	ug/l	93
8) Diethyl Ether	3.37	74	1747	1.113	ug/l	50
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1591m	0.753	ug/l	
12) 1,1-Dichloroethene	3.69	96	1886	0.948	ug/l #	78
14) Allyl chloride	4.27	41	3112	0.815	ug/l #	53
15) Acrylonitrile	4.93	53	4065	4.162	ug/l #	84
16) Acetone	3.78	43	3707	3.213	ug/l	91
17) Carbon Disulfide	4.01	76	7730	1.307	ug/l #	91
18) Methyl Acetate	4.29	43	4137m	1.708	ug/l	
19) Methyl tert-butyl Ether	4.99	73	5483m	0.770	ug/l	
20) Methylene Chloride	4.50	84	2709	1.105	ug/l	93
21) trans-1,2-Dichloroethene	4.98	96	2143	0.952	ug/l #	64
22) Diisopropyl ether	5.89	45	4831m	0.597	ug/l	
23) Vinyl Acetate	5.85	43	21266m	3.242	ug/l	
24) 1,1-Dichloroethane	5.80	63	3622	0.806	ug/l #	84
25) 2-Butanone	6.78	43	5488m	3.632	ug/l	
26) 2,2-Dichloropropane	6.76	77	3713m	0.903	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	2093m	0.806	ug/l	
28) Bromochloromethane	7.15	49	1484m	0.653	ug/l	
29) Tetrahydrofuran	7.17	42	3528	3.723	ug/l #	68
30) Chloroform	7.33	83	3689	0.777	ug/l	97
32) 1,1,1-Trichloroethane	7.51	97	3108m	0.735	ug/l	
36) 1,1-Dichloropropene	7.75	75	2479	0.671	ug/l #	78
37) Ethyl Acetate	6.88	43	2416m	0.743	ug/l	
38) Carbon Tetrachloride	7.74	117	3140m	0.789	ug/l	
39) Methylcyclohexane	9.04	83	1926m	0.584	ug/l	
40) Benzene	8.00	78	7656	0.706	ug/l	97
41) Methacrylonitrile	7.11	41	1245m	0.757	ug/l	
42) 1,2-Dichloroethane	8.08	62	2904	0.659	ug/l	87
43) Isopropyl Acetate	8.13	43	2899	0.486	ug/l #	77

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2465	0.891	ug/l	98
45) 1,2-Dichloropropane	9.08	63	2126	0.737	ug/l #	78
46) Dibromomethane	9.18	93	1554	0.805	ug/l	96
47) Bromodichloromethane	9.37	83	3036	0.736	ug/l #	94
48) Methyl methacrylate	9.16	41	2374	0.790	ug/l #	66
49) 1,4-Dioxane	9.16	88	677	17.349	ug/l #	83
51) 4-Methyl-2-Pentanone	9.95	43	9938	2.871	ug/l	94
52) Toluene	10.12	92	3922	0.592	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	3186	0.732	ug/l #	77
54) cis-1,3-Dichloropropene	9.81	75	3070	0.663	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	1551	0.598	ug/l #	78
56) Ethyl methacrylate	10.40	69	1770	0.473	ug/l #	81
57) 1,3-Dichloropropane	10.68	76	3179	0.704	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	9691	5.138	ug/l	95
59) 2-Hexanone	10.72	43	6994	2.796	ug/l	93
60) Dibromochloromethane	10.87	129	1720	0.592	ug/l	87
61) 1,2-Dibromoethane	10.97	107	1722	0.653	ug/l #	54
64) Tetrachloroethene	10.60	164	2127	0.861	ug/l #	79
65) Chlorobenzene	11.40	112	5021	0.735	ug/l #	70
66) 1,1,1,2-Tetrachloroethane	11.47	131	1497	0.589	ug/l #	56
67) Ethyl Benzene	11.48	91	7964	0.660	ug/l	93
68) m/p-Xylenes	11.59	106	5310	1.209	ug/l	98
69) o-Xylene	11.92	106	2930	0.691	ug/l	71
70) Styrene	11.94	104	4823	0.675	ug/l	97
71) Bromoform	12.10	173	975	0.570	ug/l #	67
73) Isopropylbenzene	12.22	105	6001	0.638	ug/l	97
74) N-amyl acetate	12.05	43	2653	0.646	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	2233	0.779	ug/l	92
76) 1,2,3-Trichloropropane	12.53	75	2490m	0.867	ug/l	
77) Bromobenzene	12.50	156	2093	0.905	ug/l	85
78) n-propylbenzene	12.56	91	7671	0.714	ug/l	99
79) 2-Chlorotoluene	12.65	91	5304	0.775	ug/l	89
80) 1,3,5-Trimethylbenzene	12.70	105	4638	0.595	ug/l	96
82) 4-Chlorotoluene	12.74	91	5174	0.722	ug/l	95
83) tert-Butylbenzene	12.96	119	4444	0.729	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	5018	0.642	ug/l	93
85) sec-Butylbenzene	13.15	105	6169	0.798	ug/l	95
86) p-Isopropyltoluene	13.26	119	5178	0.743	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	3314	0.826	ug/l	90
88) 1,4-Dichlorobenzene	13.34	146	4130m	0.996	ug/l	
89) n-Butylbenzene	13.59	91	6965	1.154	ug/l	97
90) Hexachloroethane	13.84	117	946	0.719	ug/l	75
91) 1,2-Dichlorobenzene	13.62	146	3650	0.949	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.24	75	750	1.283	ug/l #	61
93) 1,2,4-Trichlorobenzene	14.88	180	3035	1.883	ug/l	91
94) Hexachlorobutadiene	14.98	225	2784	3.499	ug/l	98
95) Naphthalene	15.10	128	9477	1.784	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	3218	2.000	ug/l	89

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ClientSampleId :
VSTDICC001

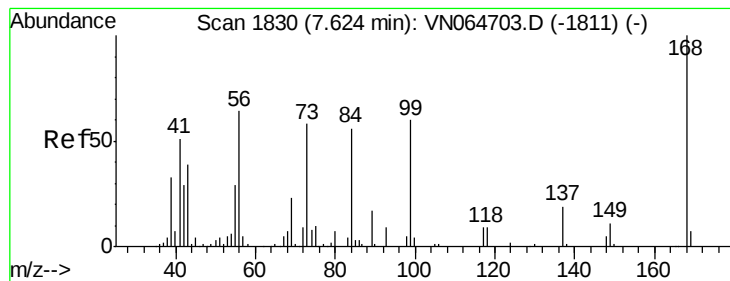
Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 187987

Ion Ratio Lower Upper

168 100

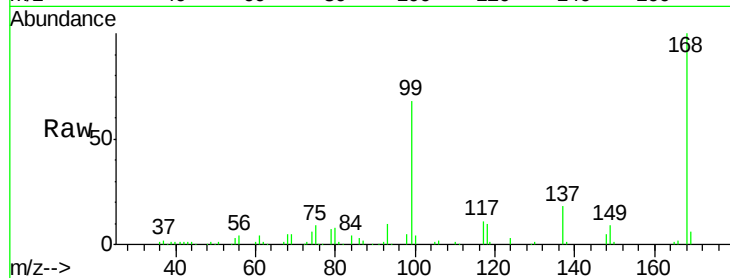
99 67.9 55.7 83.5

Manual Integrations

APPROVED

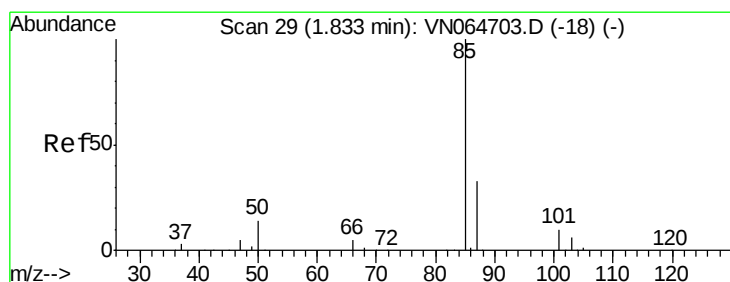
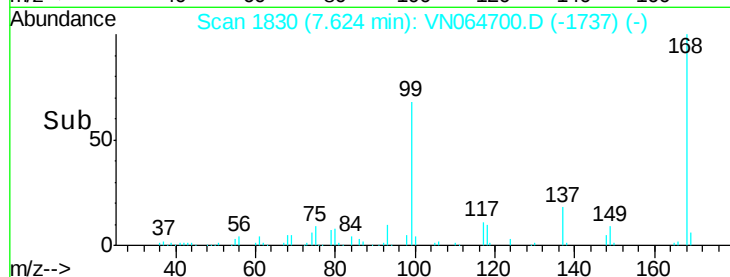
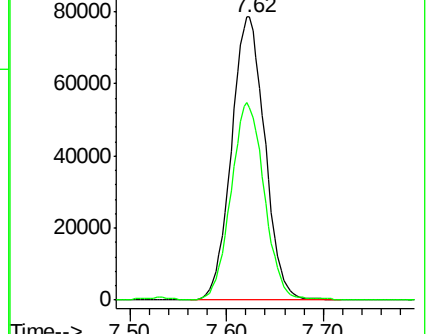
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 0.833 ug/l

RT: 1.83 min Scan# 29

Delta R.T. -0.00 min

Lab File: VN064700.D

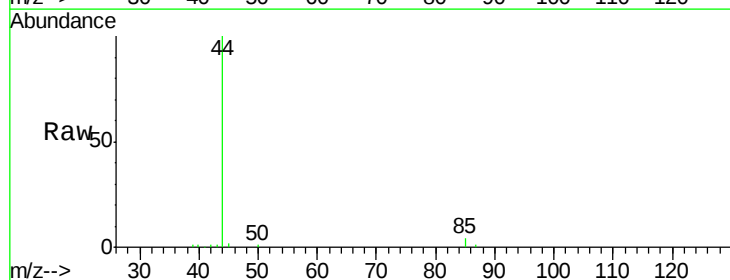
Acq: 18 Nov 2020 11:39

Tgt Ion: 85 Resp: 1994

Ion Ratio Lower Upper

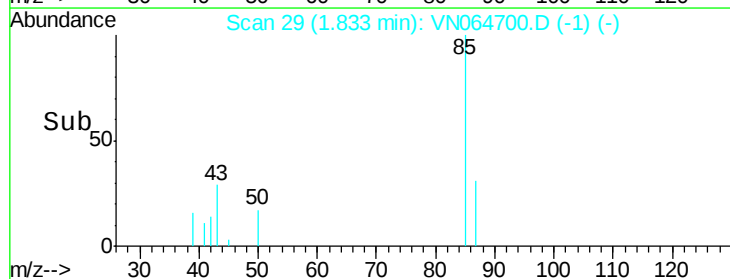
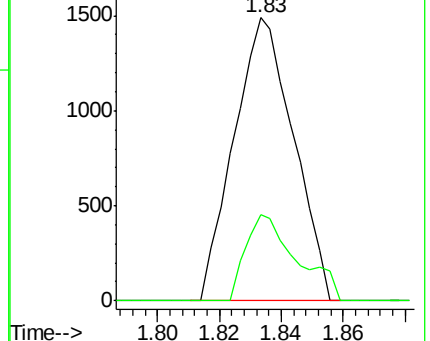
85 100

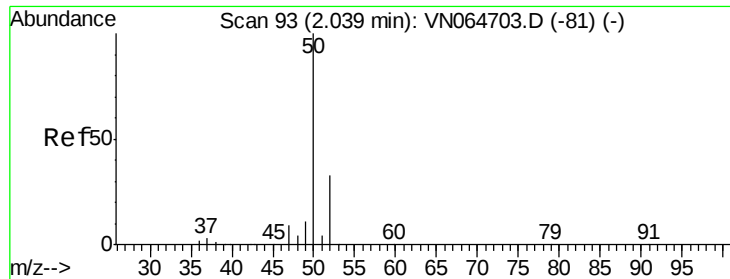
87 30.5 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 0.830 ug/l

RT: 2.04 min Scan# 94

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 2390

Ion Ratio Lower Upper

50 100

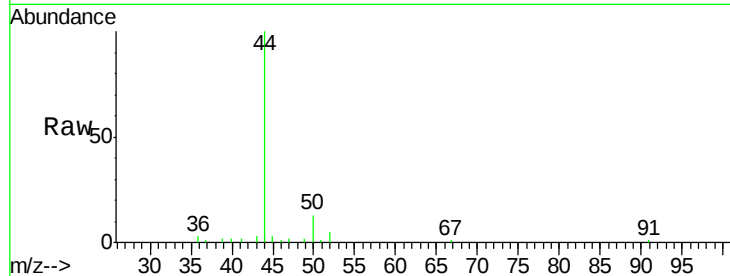
52 36.0 26.4 39.6

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN064700.D (-1) (-)

Ion 51.90 (51.60 to 52.60): VN064700.D (-1) (-)

2.04

1500

1000

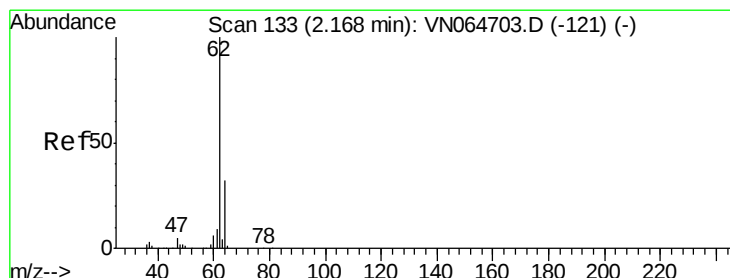
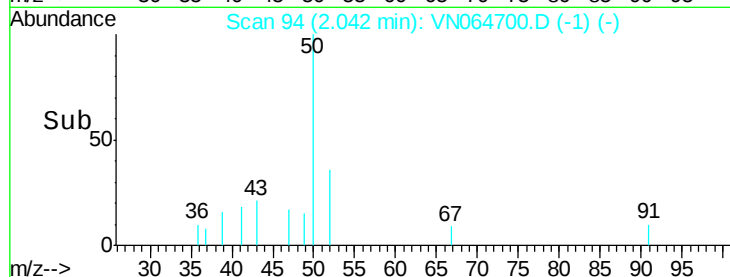
500

0

2.00

2.05

Time-->



#4

Vinyl Chloride

Concen: 0.954 ug/l

RT: 2.17 min Scan# 134

Delta R.T. 0.00 min

Lab File: VN064700.D

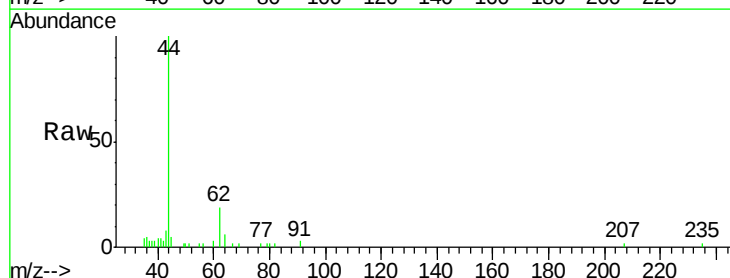
Acq: 18 Nov 2020 11:39

Tgt Ion: 62 Resp: 2829

Ion Ratio Lower Upper

62 100

64 30.7 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VN064700.D (-40) (-)

Ion 63.90 (63.60 to 64.60): VN064700.D (-40) (-)

2.17

1500

1000

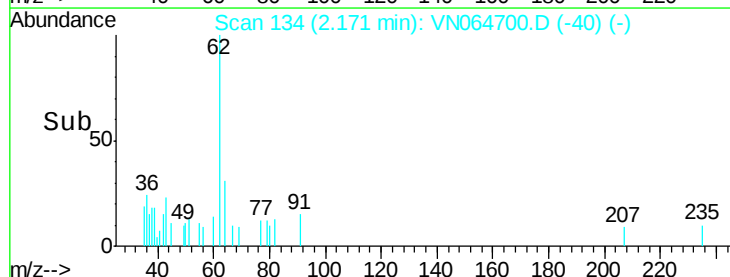
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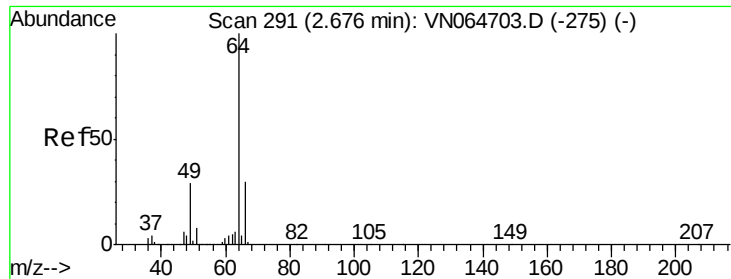
0

2.15

2.20

Time-->





#6

Chloroethane

Concen: 0.891 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 1713

Ion Ratio Lower Upper

64 100

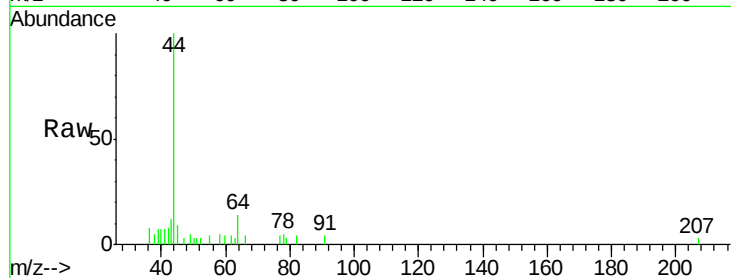
66 29.1 24.2 36.2

Manual Integrations

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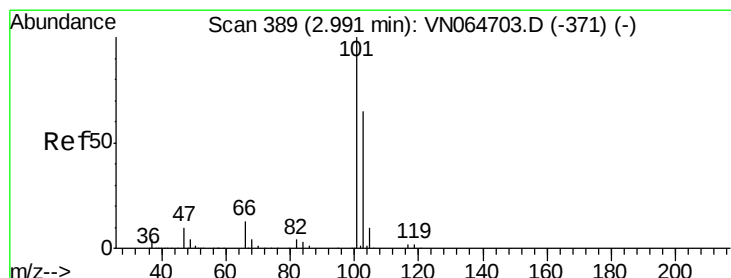
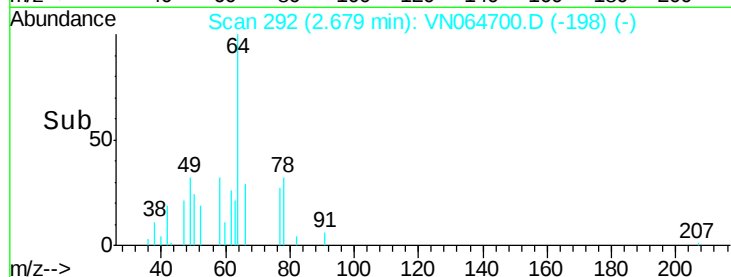
Abundance Ion 63.90 (63.60 to 64.60): VN064700.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN064700.D (-198) (-)

2.68

2.70

Time-->



#7

Trichlorofluoromethane

Concen: 1.013 ug/l

RT: 2.99 min Scan# 388

Delta R.T. -0.00 min

Lab File: VN064700.D

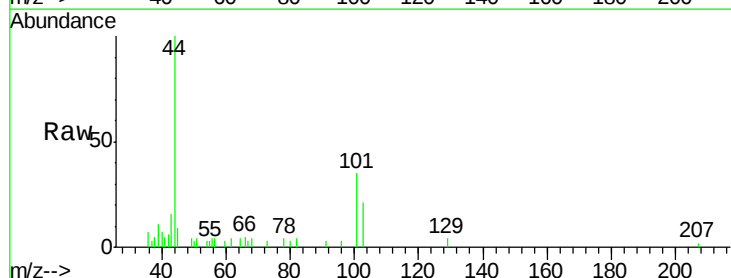
Acq: 18 Nov 2020 11:39

Tgt Ion: 101 Resp: 4564

Ion Ratio Lower Upper

101 100

103 58.8 51.8 77.6



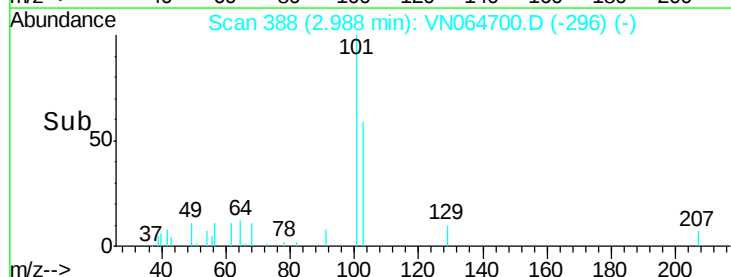
Abundance Ion 100.90 (100.60 to 101.60): VN064700.D (-296) (-)

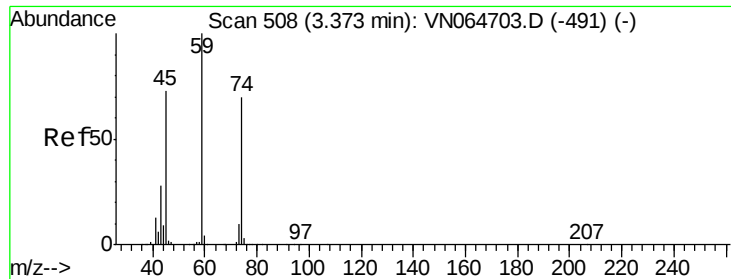
Ion 102.80 (102.50 to 103.50): VN064700.D (-296) (-)

2.99

3.05

Time-->





#8

Diethyl Ether

Concen: 1.113 ug/l

RT: 3.37 min Scan# 508

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 74 Resp: 1747

Ion Ratio Lower Upper

74 100

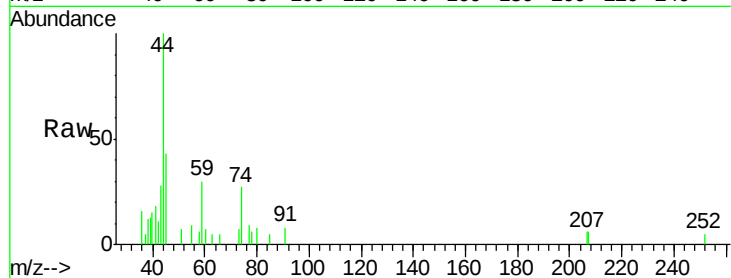
45 53.9 52.8 158.5

Manual Integrations

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Abundance Ion 74.00 (73.70 to 74.70): VN064700.D (-491) (-)

Ion 45.00 (44.70 to 45.70): VN064700.D (-491) (-)

1500

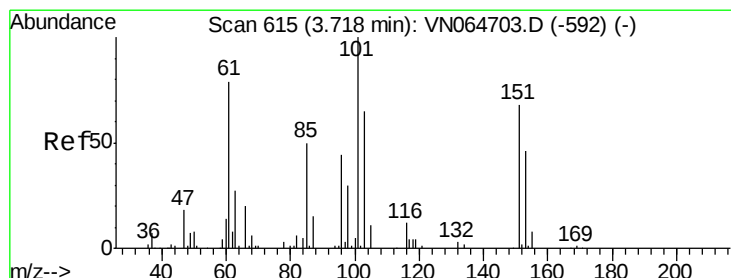
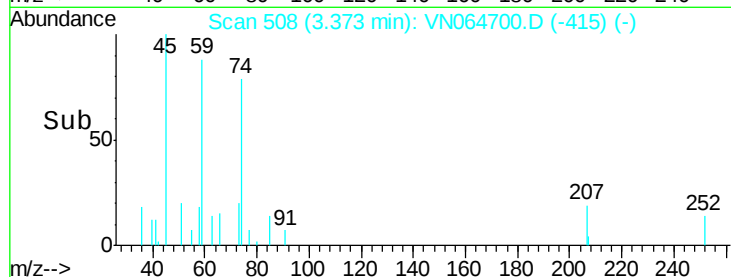
1000

500

0

3.30 3.35 3.40

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.753 ug/l m

RT: 3.71 min Scan# 613

Delta R.T. -0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

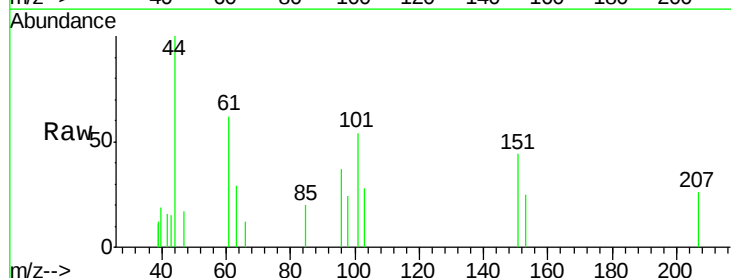
Tgt Ion: 101 Resp: 1591

Ion Ratio Lower Upper

101 100

85 22.8 39.0 58.4#

151 63.5 57.2 85.8



Abundance Ion 100.90 (100.60 to 101.60): VN064700.D (-592) (-)

Ion 84.90 (84.60 to 85.60): VN064700.D (-592) (-)

Ion 150.80 (150.50 to 151.50): VN064700.D (-592) (-)

1000

800

600

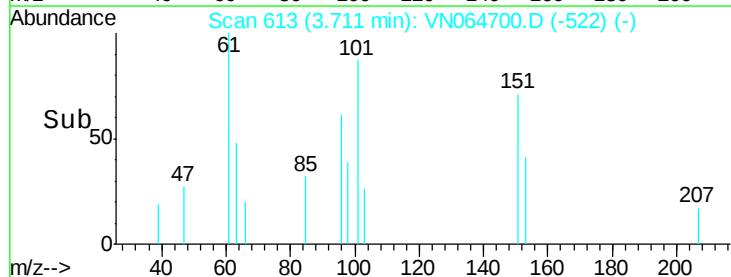
400

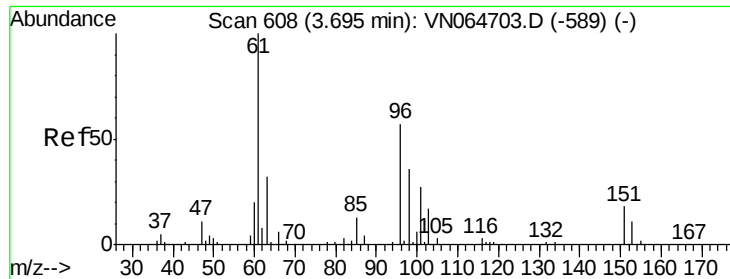
200

0

3.65 3.70 3.75

Time-->





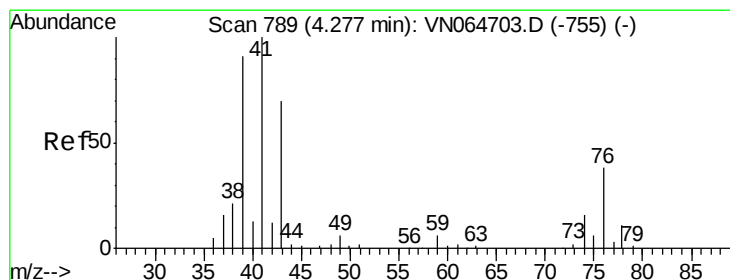
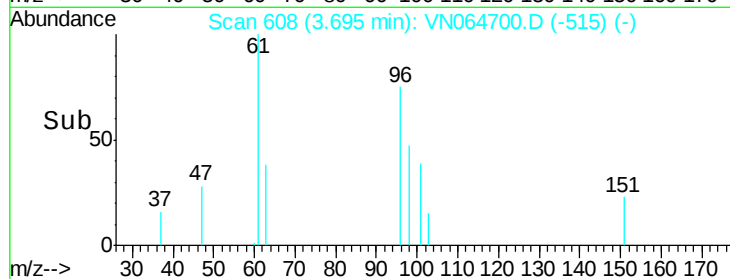
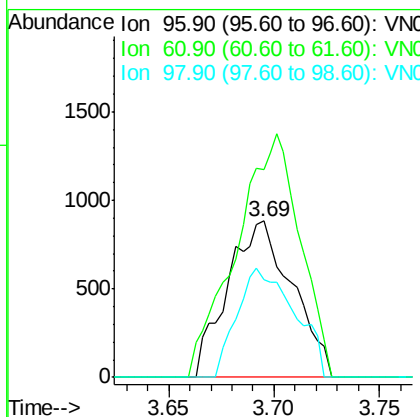
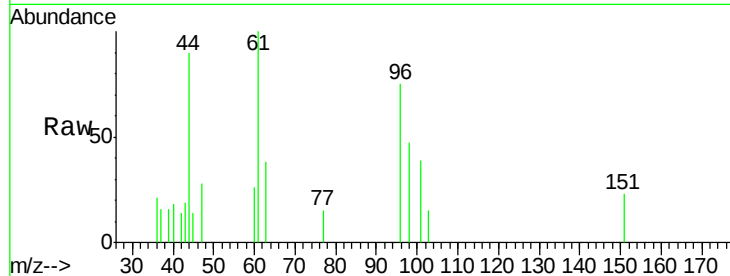
#12
1,1-Dichloroethene
Concen: 0.948 ug/l
RT: 3.69 min Scan# 608
Delta R.T. -0.00 min
Lab File: VN064700.D
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Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.5	139.1	208.7#
98	62.6	50.2	75.2

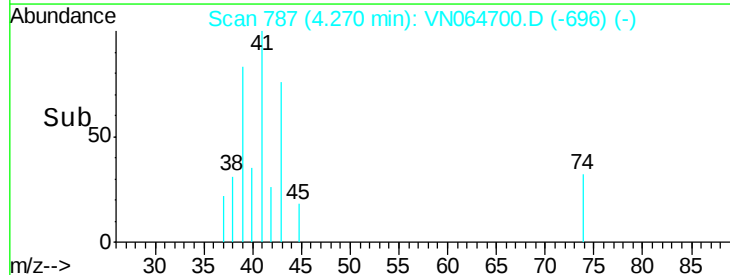
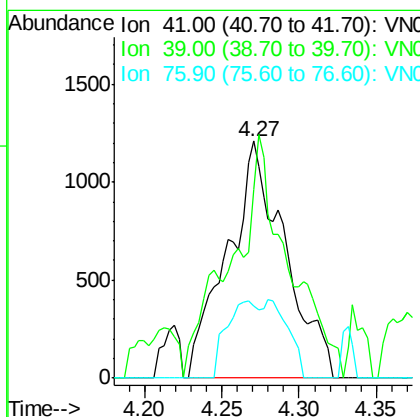
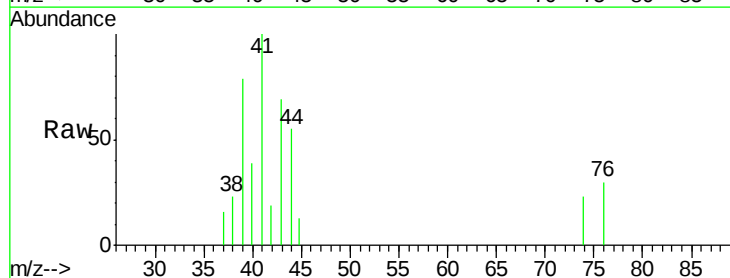
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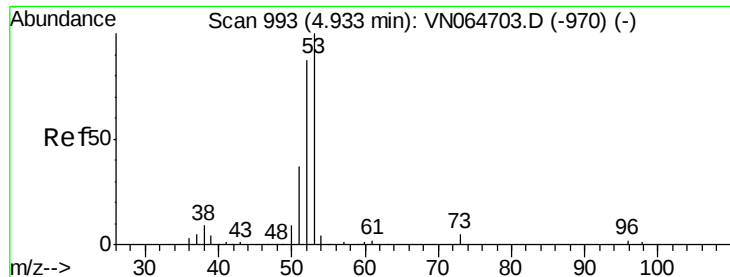
MMDadoda
11/19/2020 2:09:56 PM



#14
Allyl chloride
Concen: 0.815 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
41	100		
39	33.4	66.1	99.1#
76	18.1	26.6	40.0#





#15

Acrylonitrile

Concen: 4.162 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

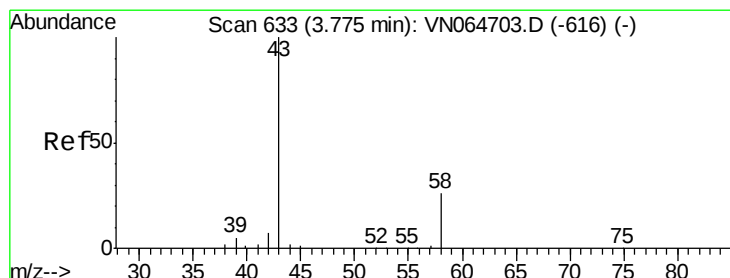
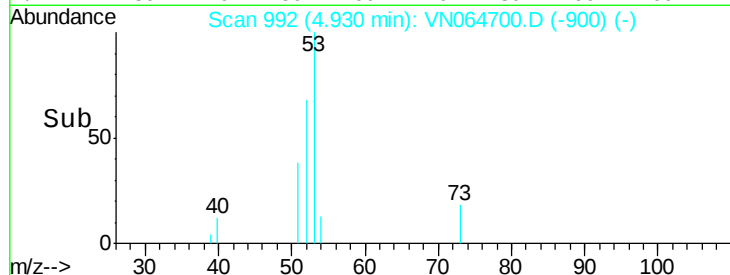
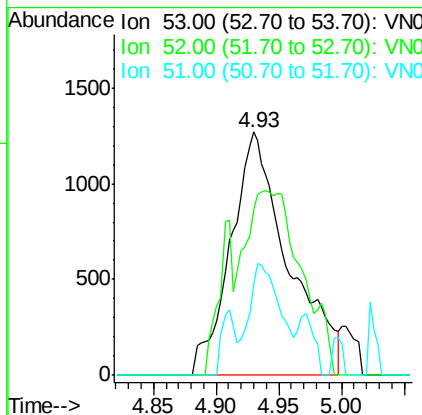
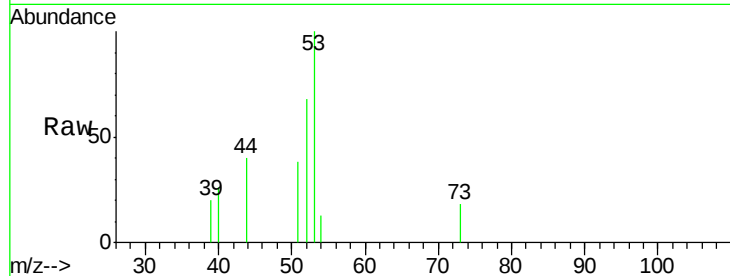
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	4065
Ion	Ratio	Lower	Upper
53	100		
52	72.6	67.2	100.8
51	24.3	31.0	46.6#

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#16

Acetone

Concen: 3.213 ug/l

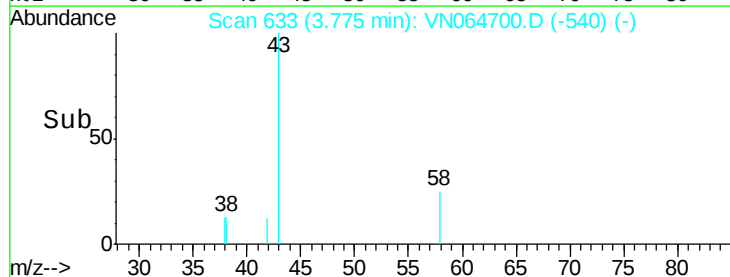
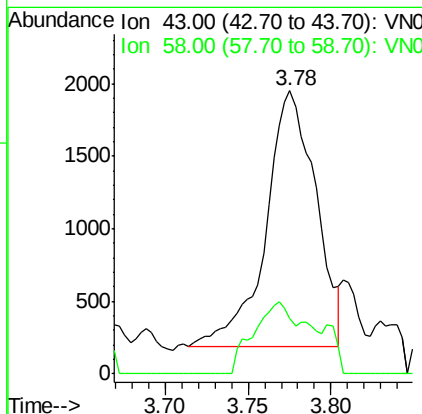
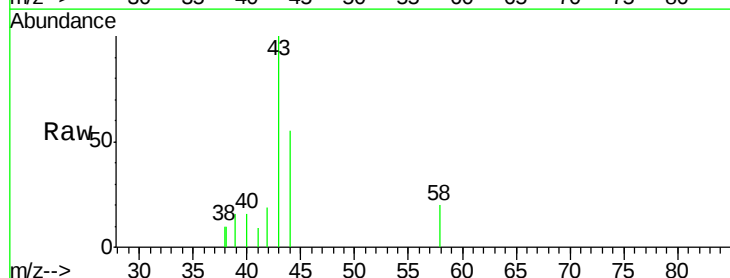
RT: 3.78 min Scan# 633

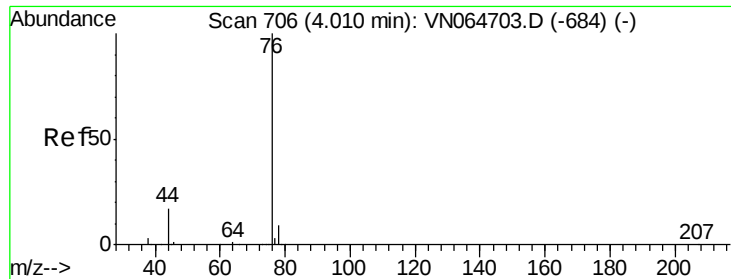
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	43	Resp:	3707
Ion	Ratio	Lower	Upper
43	100		
58	21.9	21.2	31.8





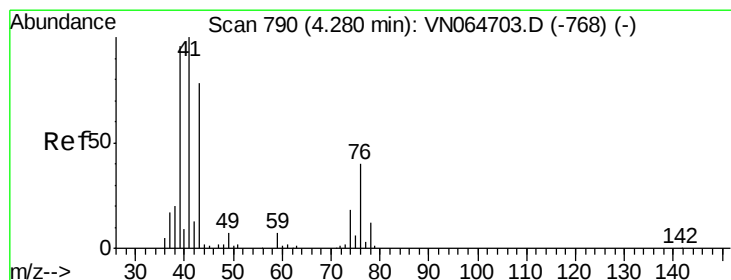
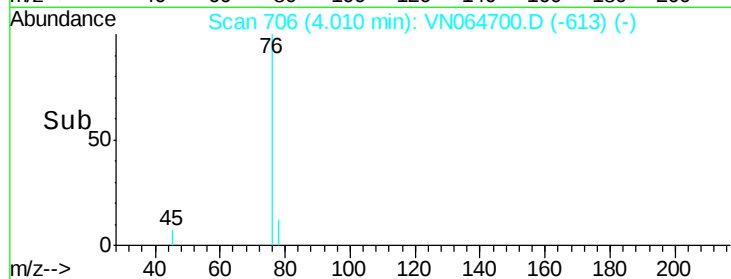
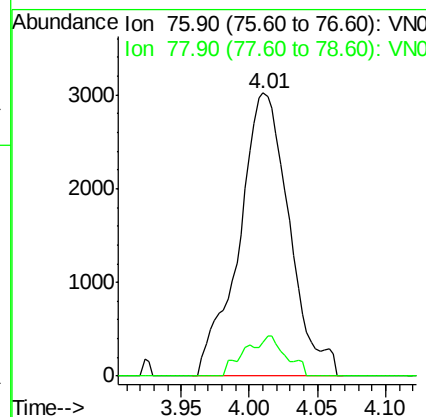
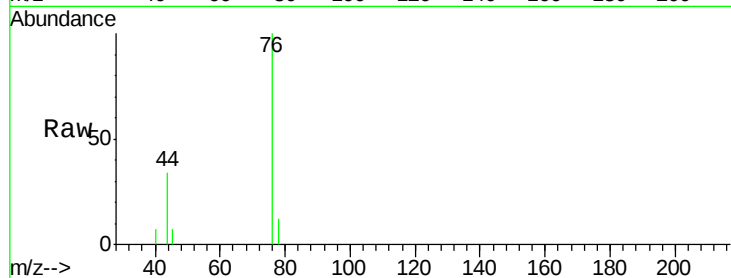
#17
Carbon Disulfide
Concen: 1.307 ug/l
RT: 4.01 min Scan# 706
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 76 Resp: 7730
Ion Ratio Lower Upper
76 100
78 12.1 7.1 10.7#

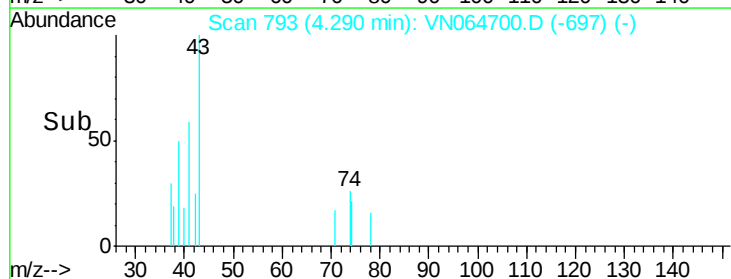
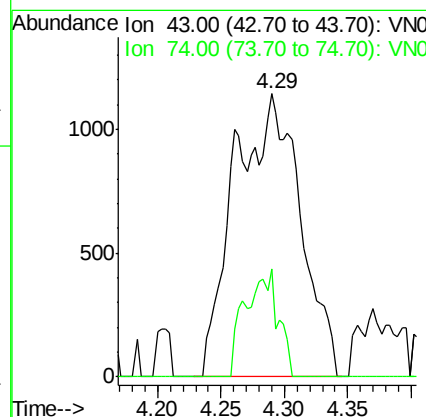
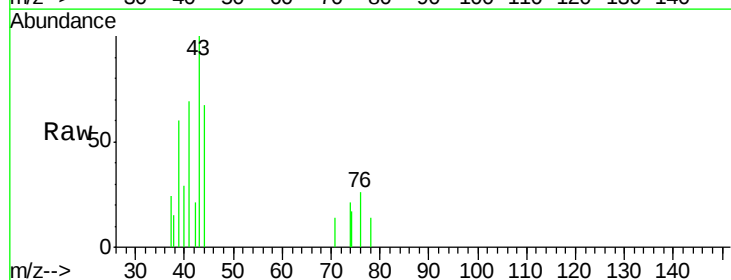
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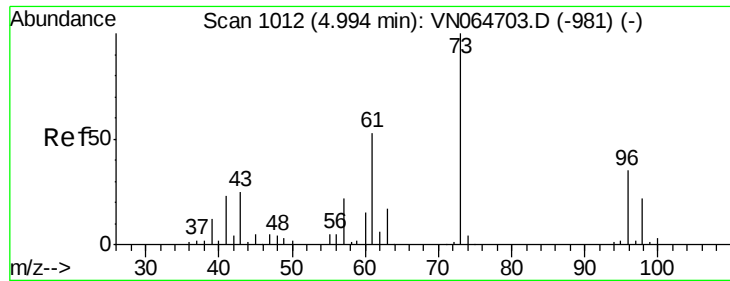
MMDadoda
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#18
Methyl Acetate
Concen: 1.708 ug/l m
RT: 4.29 min Scan# 793
Delta R.T. 0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion: 43 Resp: 4137
Ion Ratio Lower Upper
43 100
74 18.8 17.6 26.4





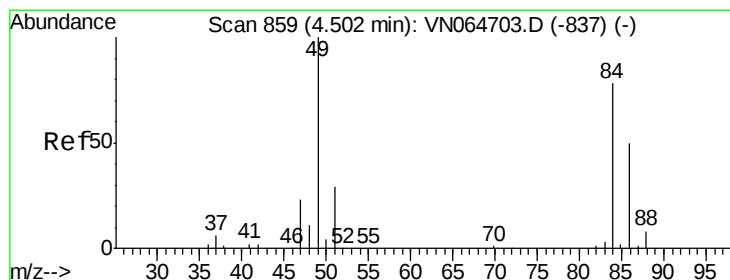
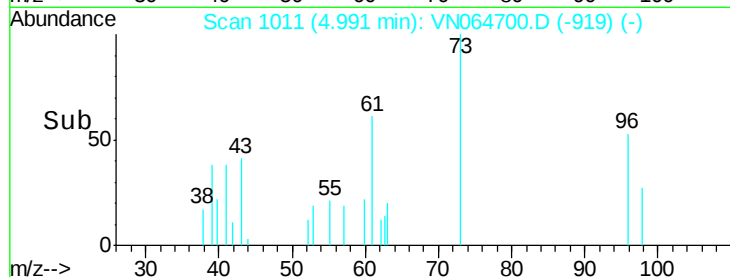
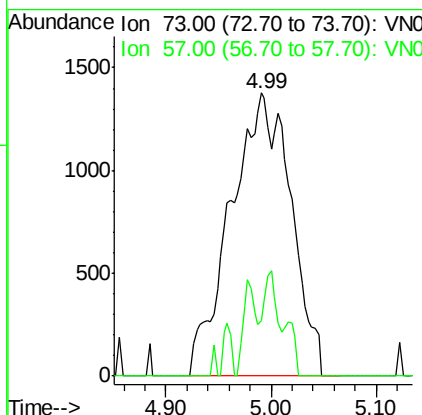
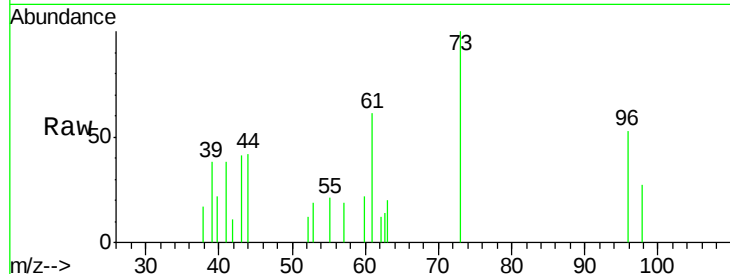
#19
Methvl tert-butvl Ether
Concen: 0.770 ug/l m
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 5483
Ion Ratio Lower Upper
73 100
57 19.5 17.3 25.9

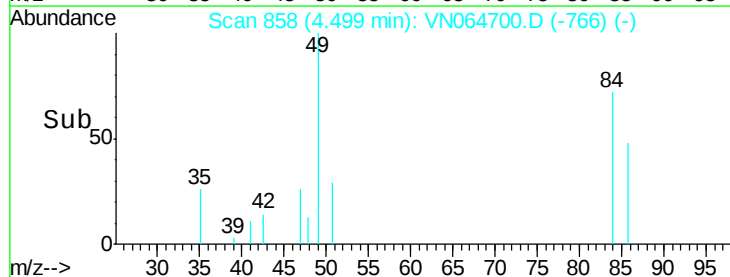
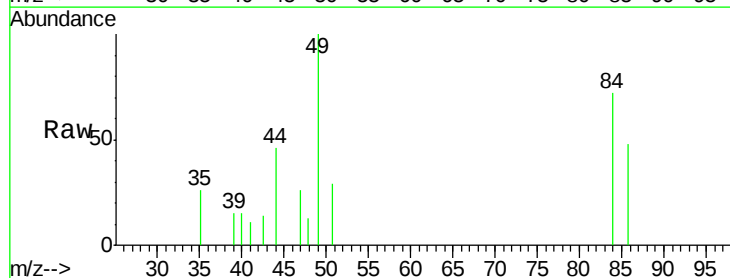
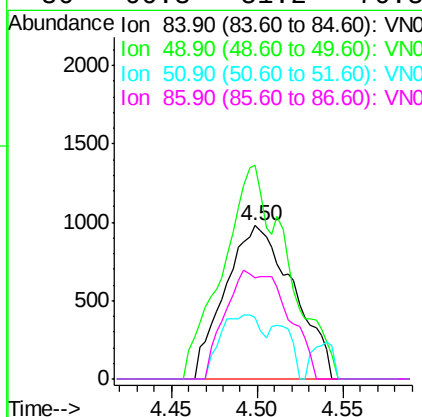
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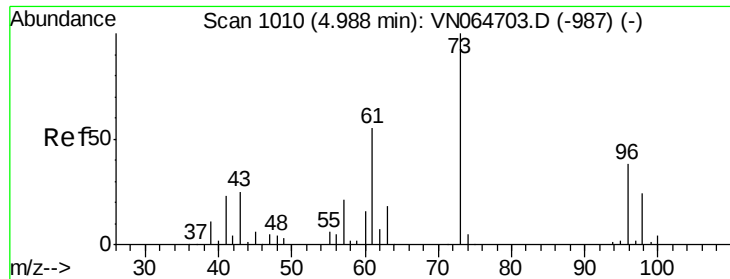
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#20
Methylene Chloride
Concen: 1.105 ug/l
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion: 84 Resp: 2709
Ion Ratio Lower Upper
84 100
49 139.2 102.4 153.6
51 39.9 29.4 44.2
86 66.3 51.2 76.8





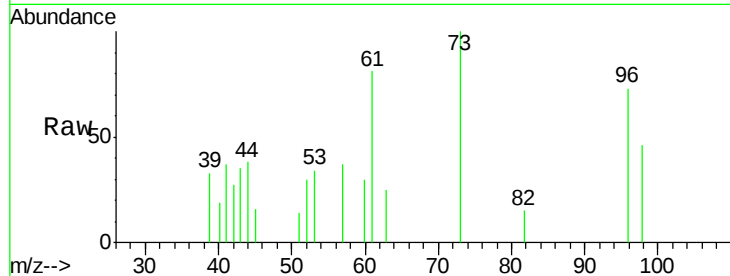
#21
trans-1,2-Dichloroethene
Concen: 0.952 ug/l
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	82.9	117.9	176.9#
98	62.5	51.1	76.7

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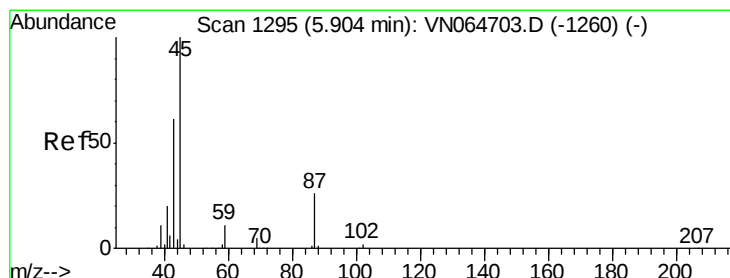
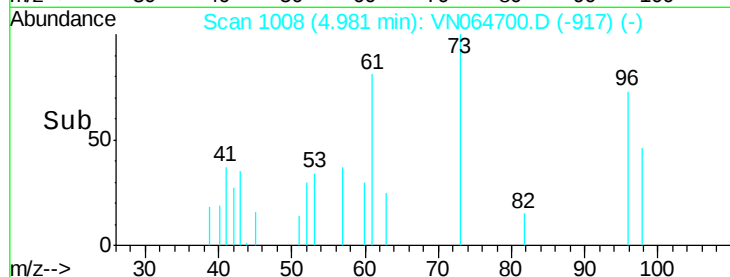
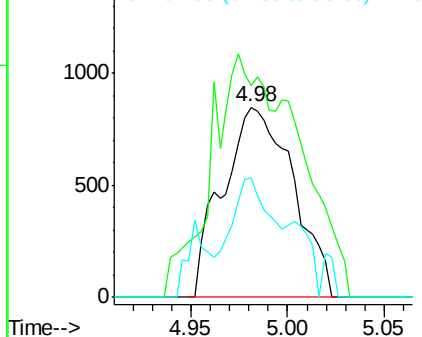


Abundance

Ion 95.90 (95.60 to 96.60): VN064700.D (-917) (-)

Ion 60.90 (60.60 to 61.60): VN064700.D (-917) (-)

Ion 97.90 (97.60 to 98.60): VN064700.D (-917) (-)



#22
Diisopropyl ether
Concen: 0.597 ug/l m
RT: 5.89 min Scan# 1291
Delta R.T. -0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
45	100		
43	81.6	52.3	78.5#
87	16.7	21.6	32.4#
59	13.5	8.7	13.1#

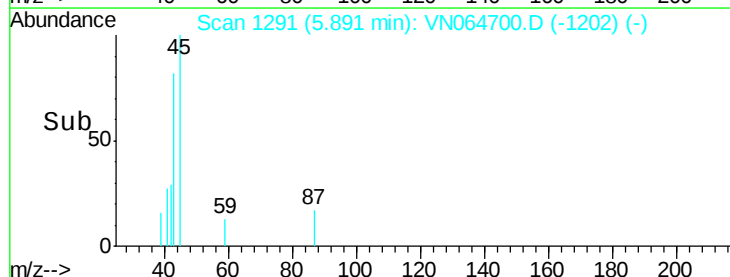
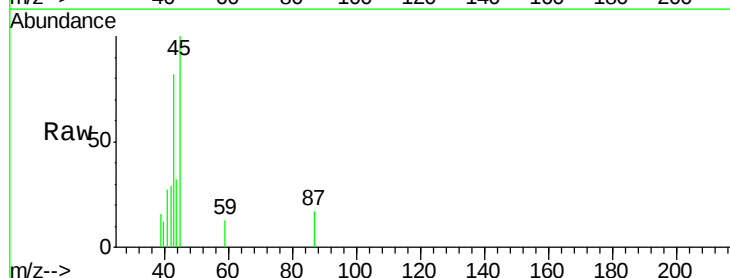
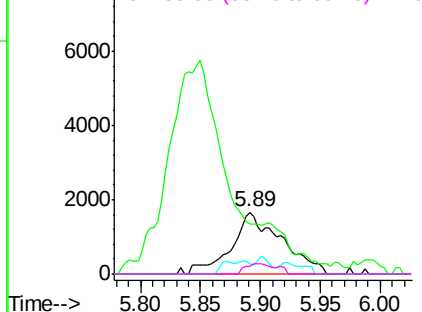
Abundance

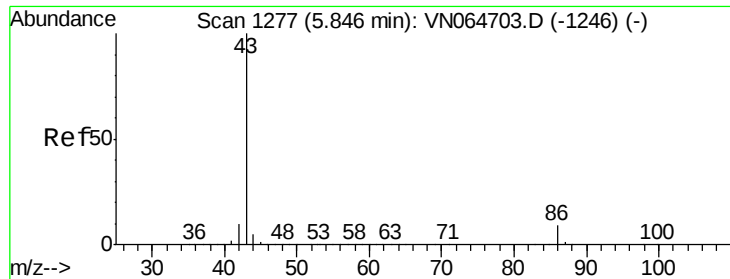
Ion 45.00 (44.70 to 45.70): VN064700.D (-1202) (-)

Ion 43.00 (42.70 to 43.70): VN064700.D (-1202) (-)

Ion 87.00 (86.70 to 87.70): VN064700.D (-1202) (-)

Ion 59.00 (58.70 to 59.70): VN064700.D (-1202) (-)





#23

Vinyl Acetate

Concen: 3.242 ug/l m

RT: 5.85 min Scan# 1278

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 21266

Ion Ratio Lower Upper

43 100

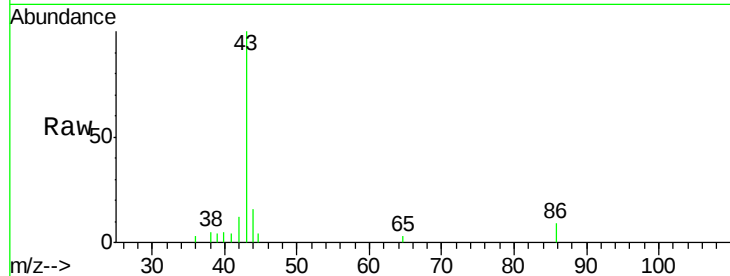
86 9.5 7.4 11.0

Manual Integrations

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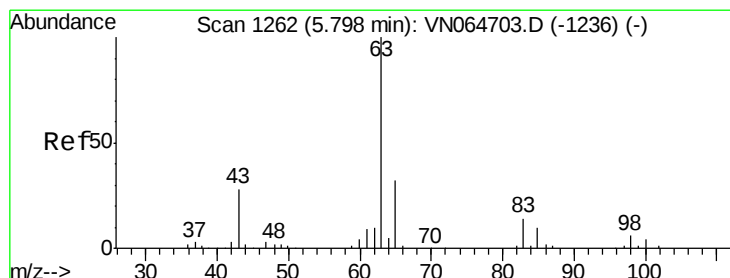
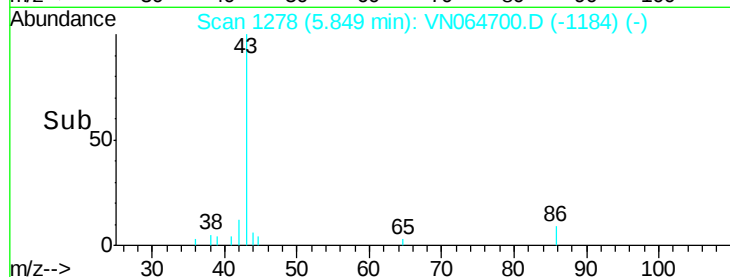
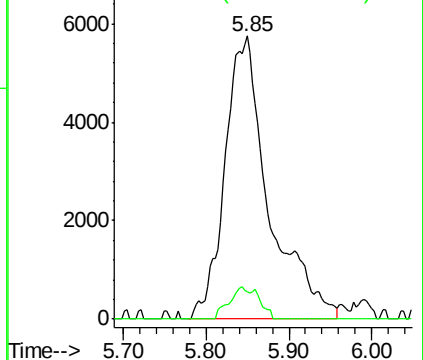
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 0.806 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

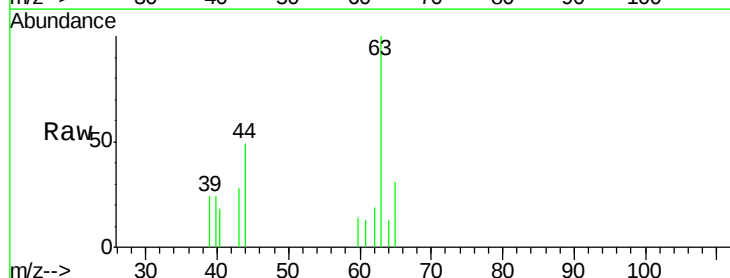
Tgt Ion: 63 Resp: 3622

Ion Ratio Lower Upper

63 100

98 0.0 3.2 9.6#

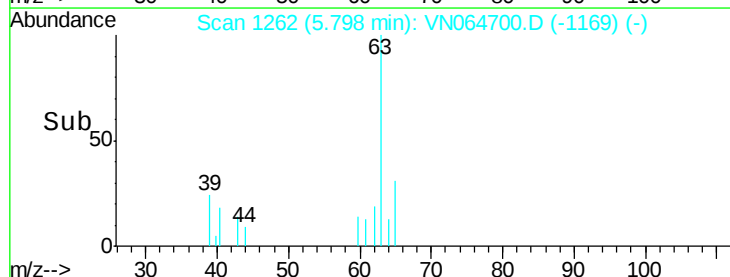
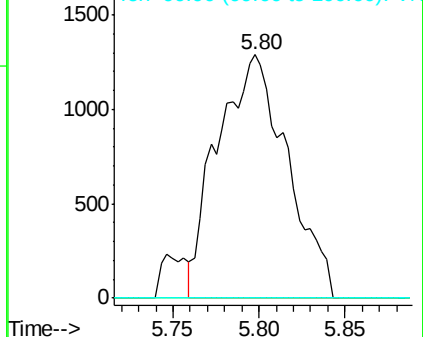
100 0.0 1.9 5.7#

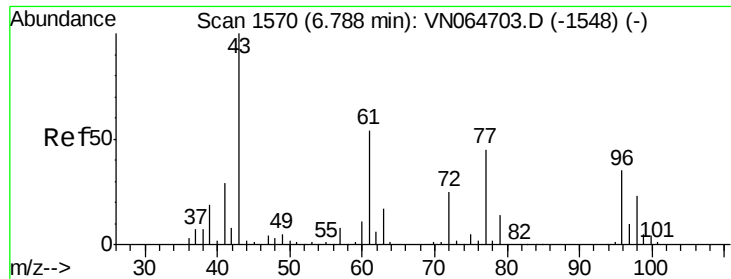


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 3.632 ug/l m

RT: 6.78 min Scan# 1569

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 5488

Ion Ratio Lower Upper

43 100

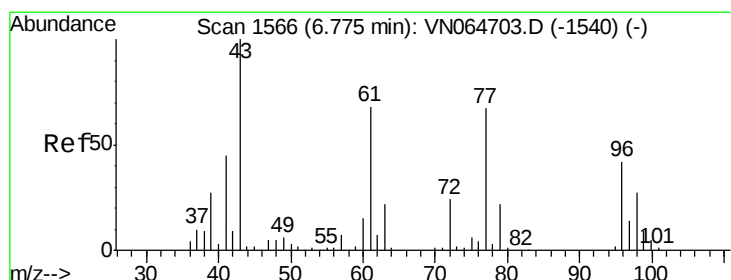
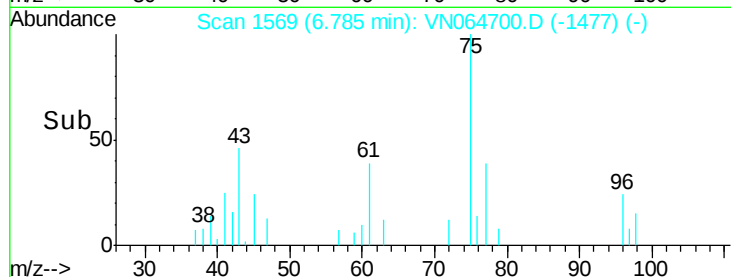
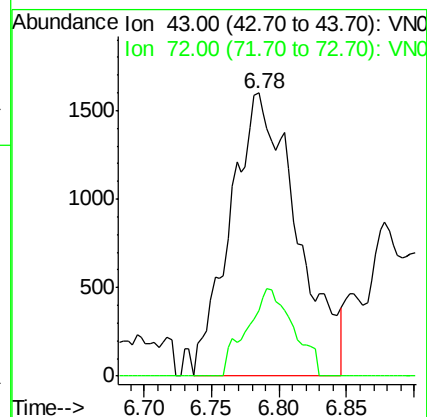
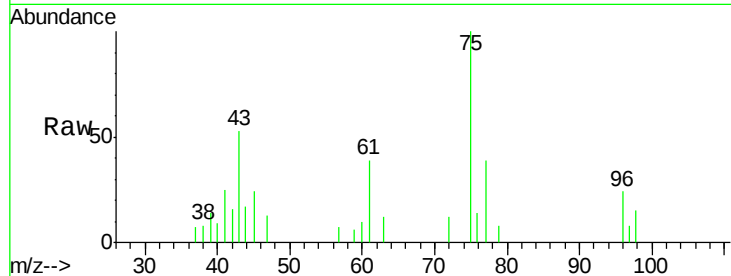
72 23.3 19.7 29.5

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#26

2,2-Dichloropropane

Concen: 0.903 ug/l m

RT: 6.76 min Scan# 1562

Delta R.T. -0.01 min

Lab File: VN064700.D

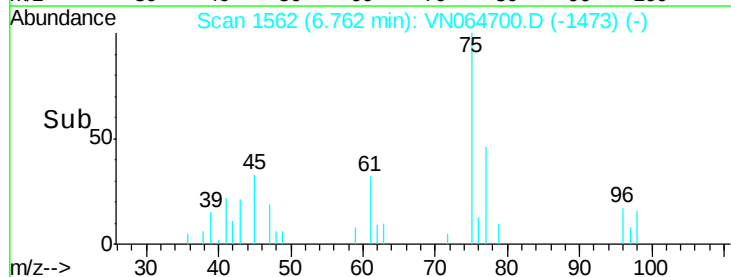
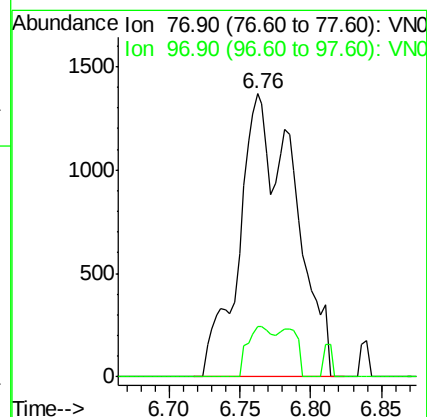
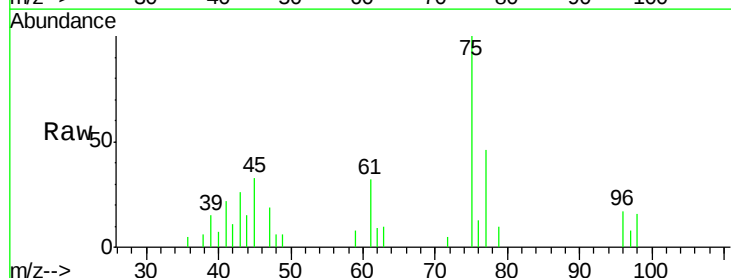
Acq: 18 Nov 2020 11:39

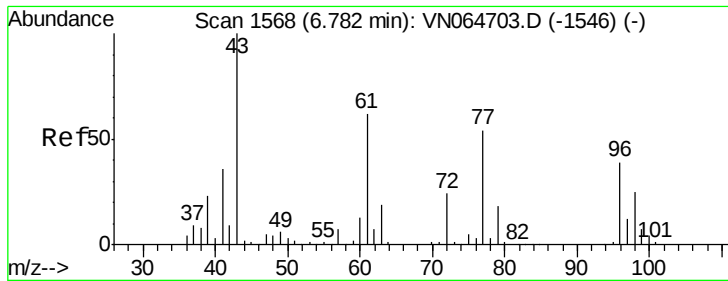
Tgt Ion: 77 Resp: 3713

Ion Ratio Lower Upper

77 100

97 8.5 10.5 31.5#





#27

cis-1,2-Dichloroethene

Concen: 0.806 ug/l m

RT: 6.79 min Scan# 1570

Delta R.T. 0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

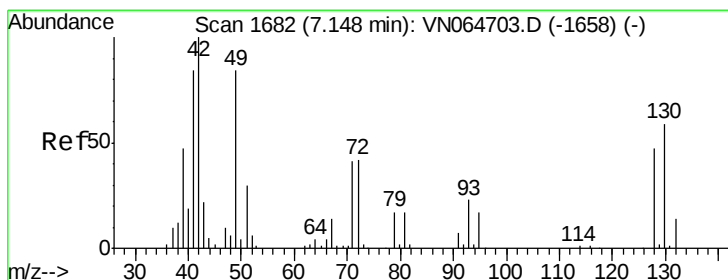
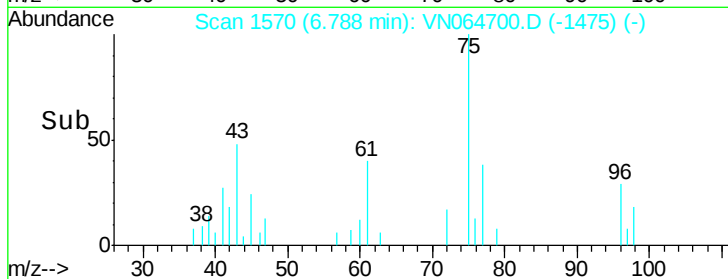
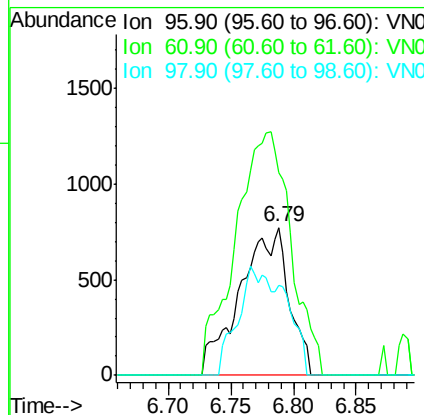
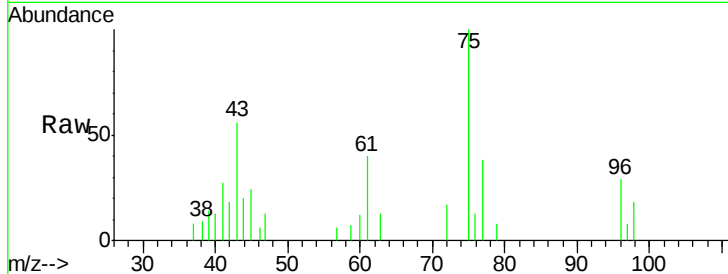
ClientSampleId :

VSTDIC001

Tot Ion:	96	Resp:	2093
Ion	Ratio	Lower	Upper
96	100		
61	186.5	0.0	322.6
98	49.8	0.0	128.6

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#28

Bromochloromethane

Concen: 0.653 ug/l m

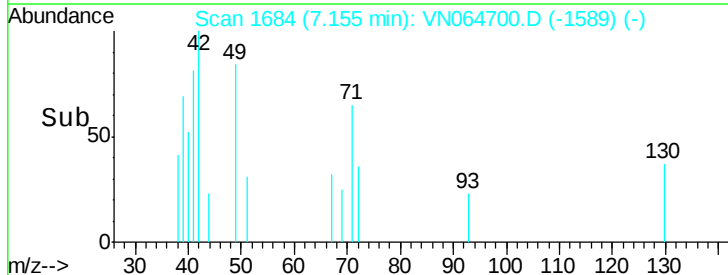
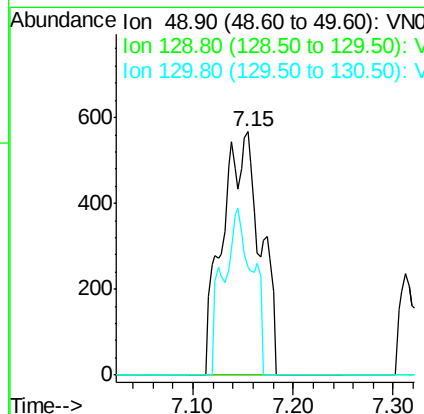
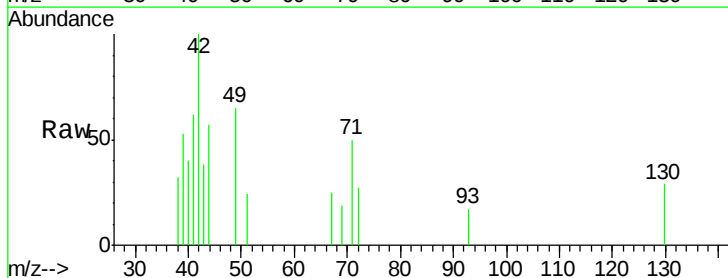
RT: 7.15 min Scan# 1684

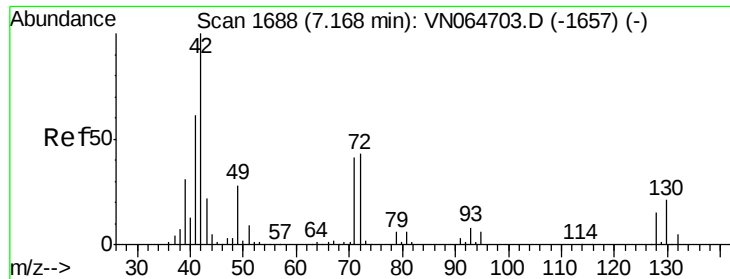
Delta R.T. 0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	49	Resp:	1484
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.8
130	40.8	56.2	84.4#





#29

Tetrahydrofuran

Concen: 3.723 ug/l

RT: 7.17 min Scan# 1689

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

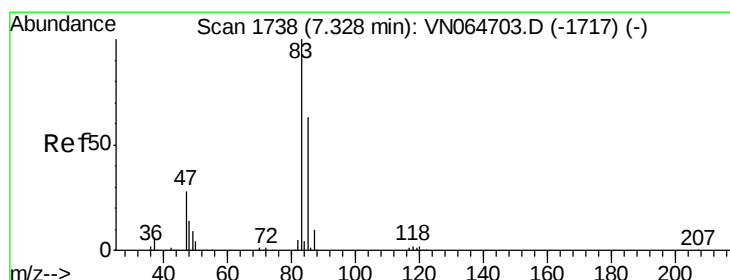
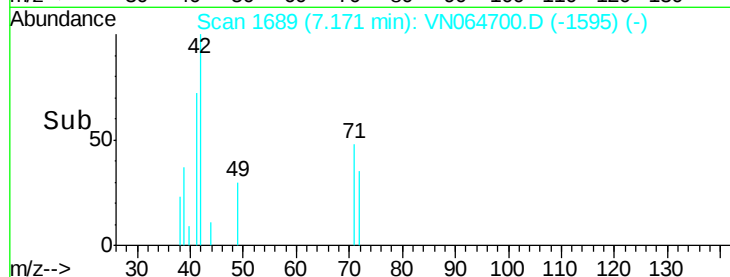
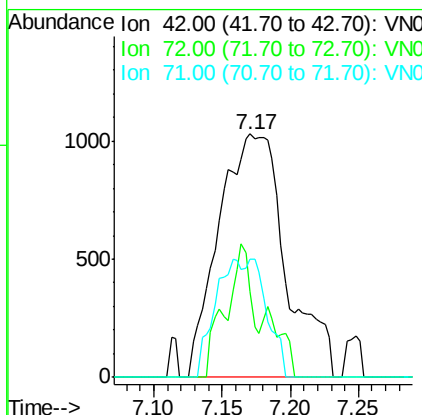
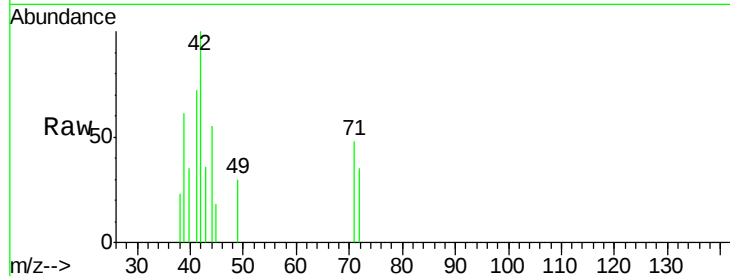
ClientSampleId :

VSTDIC001

Tot Ion:	42	Resp:	3528
Ion	Ratio	Lower	Upper
42	100		
72	21.3	33.0	49.4#
71	19.6	31.8	47.6#

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#30

Chloroform

Concen: 0.777 ug/l

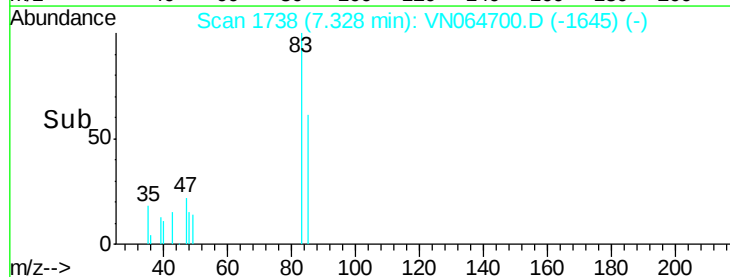
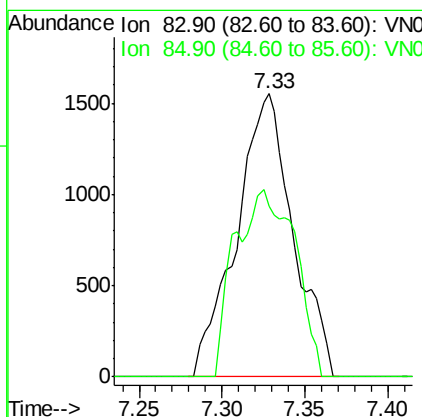
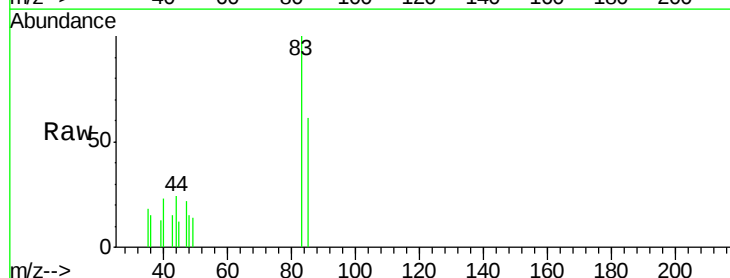
RT: 7.33 min Scan# 1738

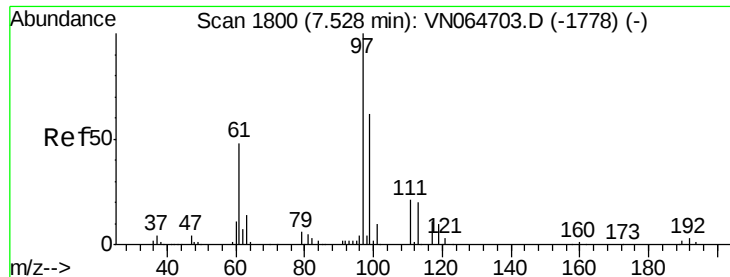
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	83	Resp:	3689
Ion	Ratio	Lower	Upper
83	100		
85	60.5	50.6	75.8





#32

1,1,1-Trichloroethane

Concen: 0.735 ug/l m

RT: 7.51 min Scan# 1796

Delta R.T. -0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 97 Resp: 3108

Ion Ratio Lower Upper

97 100

99 0.0 50.6 76.0#

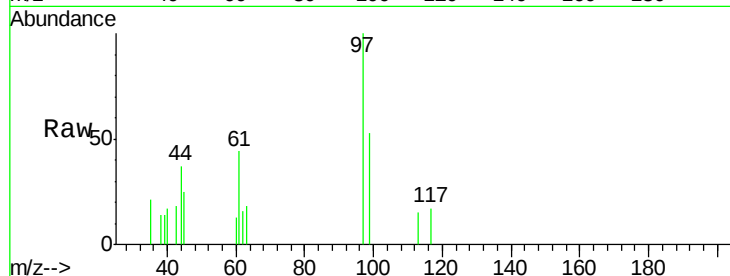
61 32.2 38.3 57.5#

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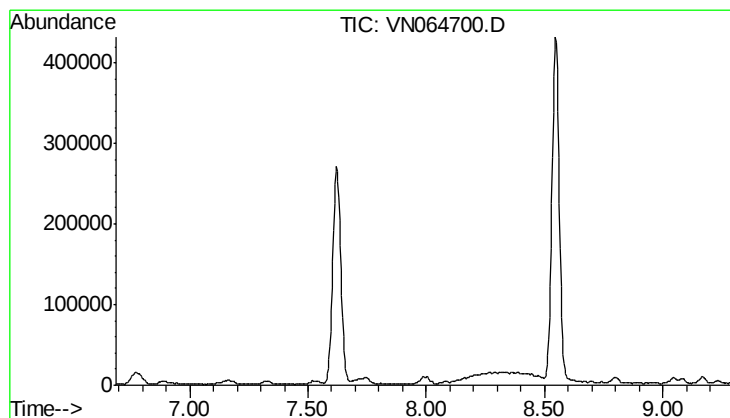
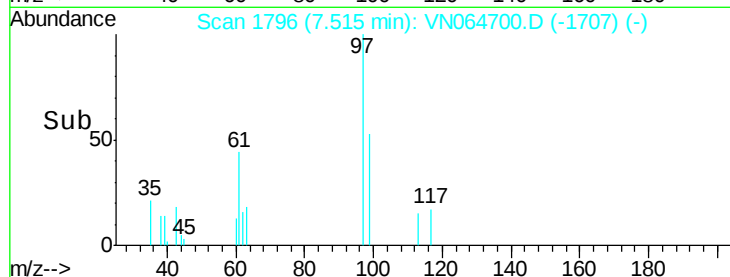
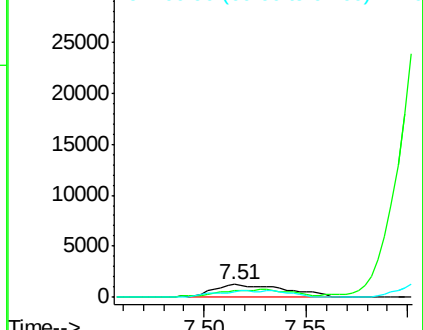


Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 7.99 min

Lab File: VN064700.D

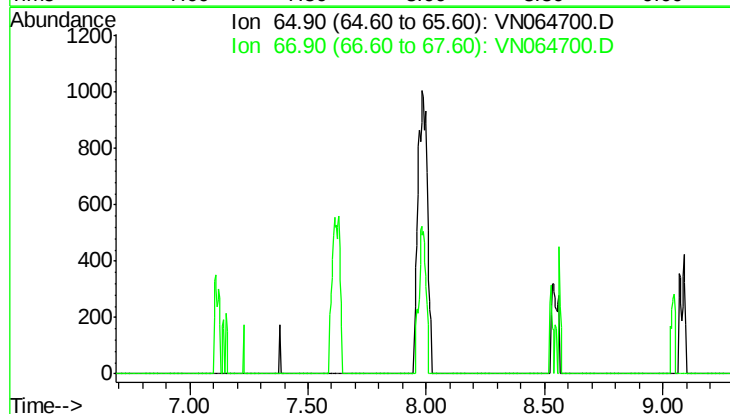
Acq: 18 Nov 2020 11:39

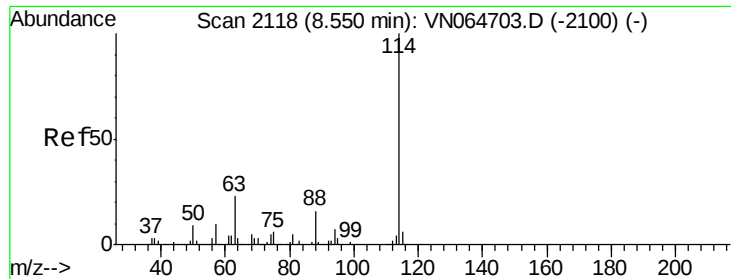
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.9





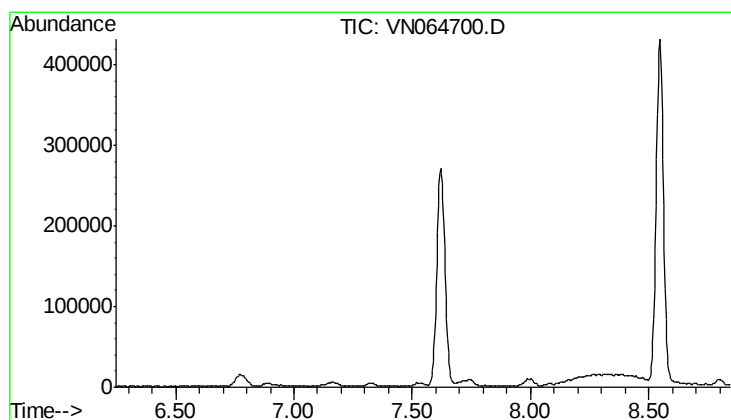
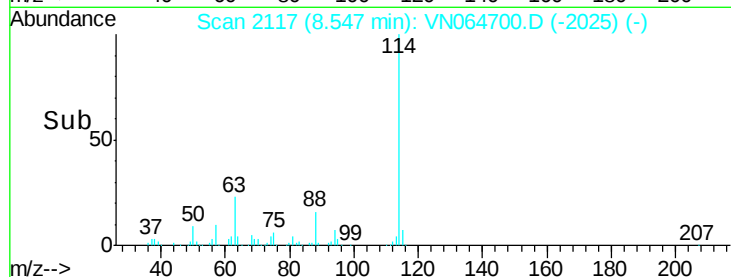
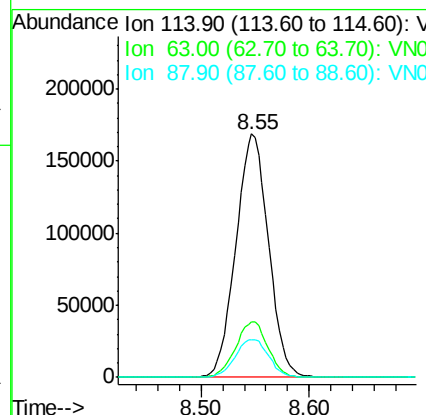
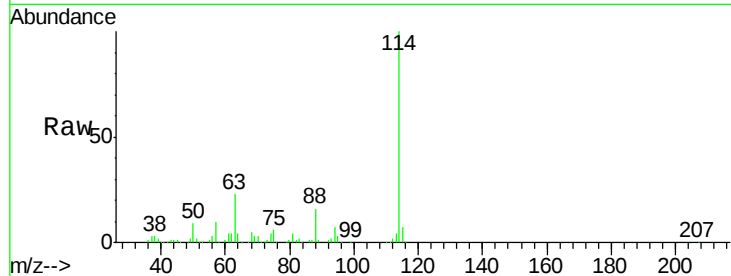
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.6	0.0	46.0
88	15.6	0.0	31.2

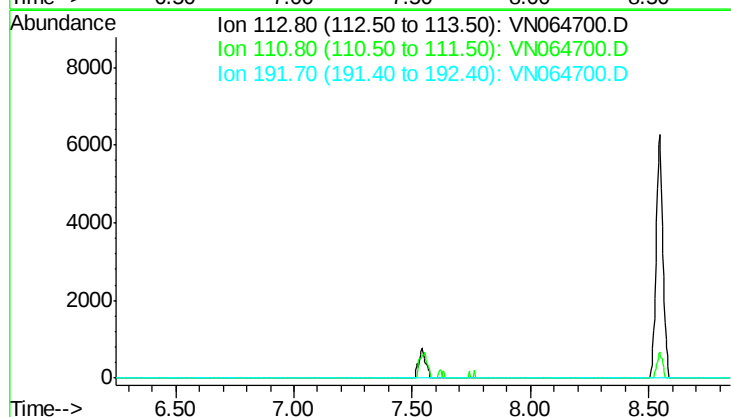
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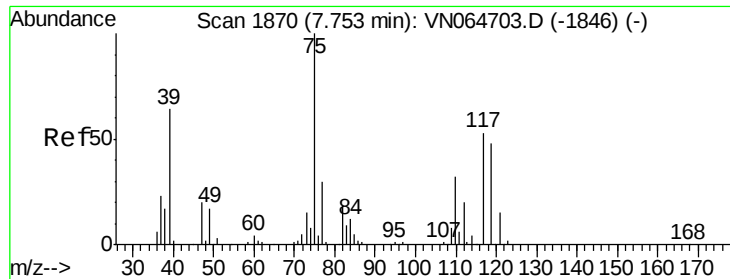
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#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Exp Ratio
113	100
111	102.8
192	15.9





#36

1,1-Dichloropropene

Concen: 0.671 ug/l

RT: 7.75 min Scan# 1868

Delta R.T. -0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

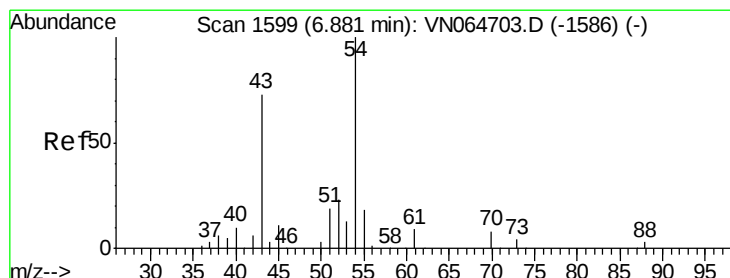
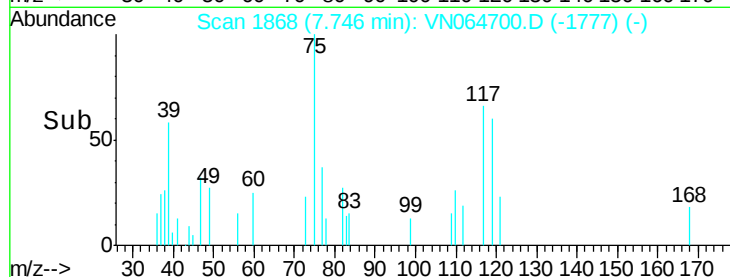
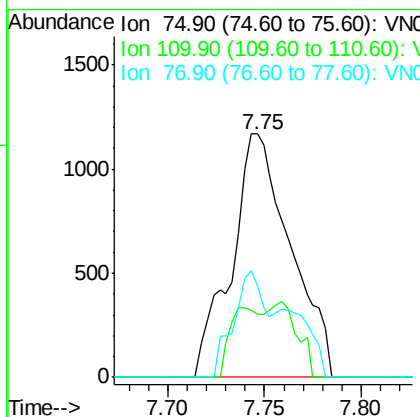
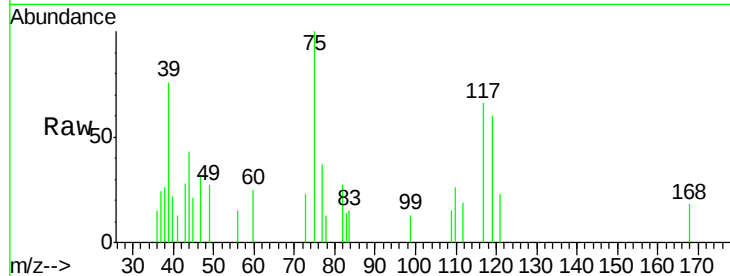
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	2479
Ion Ratio	Lower	Upper	
75	100		
110	15.9	16.2	48.6#
77	23.3	24.4	36.6#

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#37

Ethyl Acetate

Concen: 0.743 ug/l m

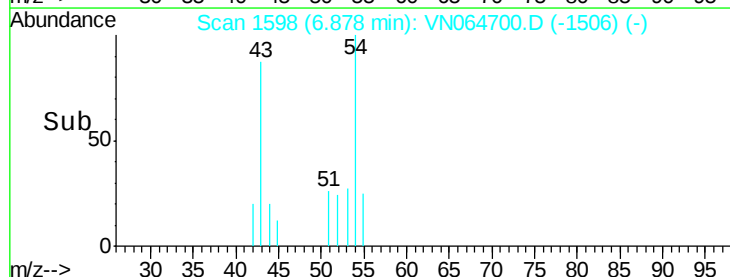
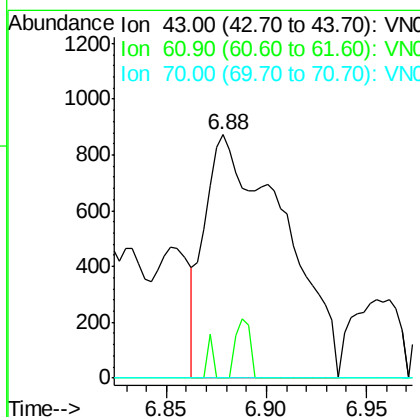
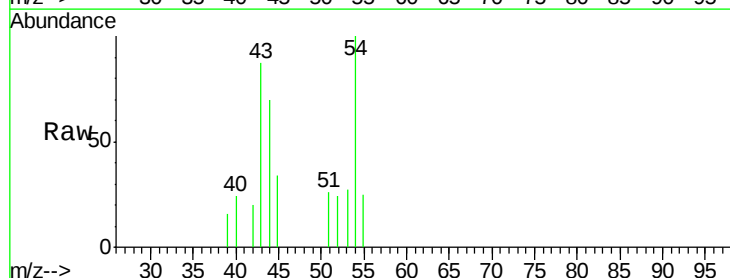
RT: 6.88 min Scan# 1598

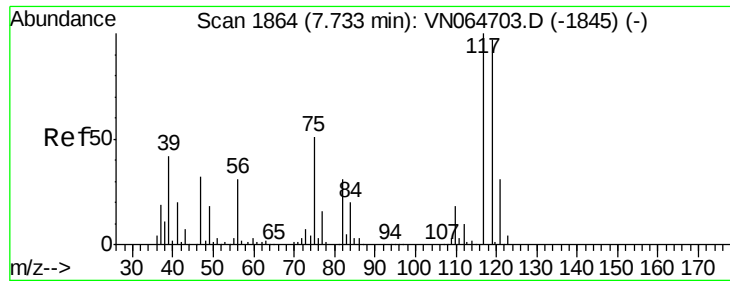
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	43	Resp:	2416
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.4	15.6#
70	0.0	7.6	11.4#





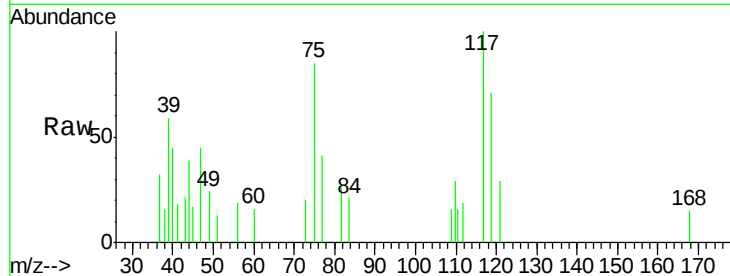
#38
Carbon Tetrachloride
Concen: 0.789 ug/l m
RT: 7.74 min Scan# 1866
Delta R.T. 0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	71.2	77.8	116.6#
121	28.7	24.9	37.3

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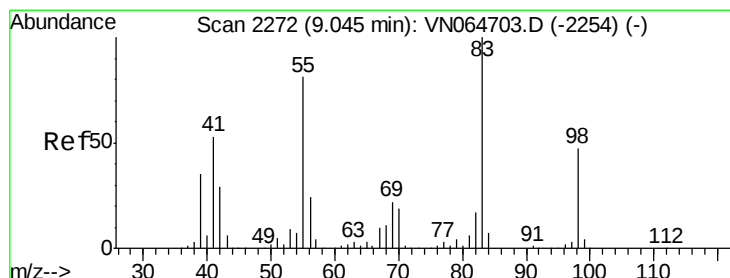
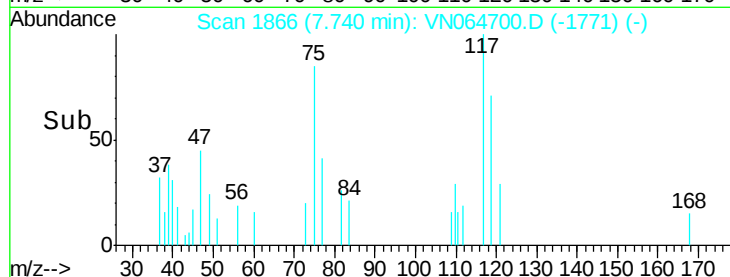
Abundance

Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

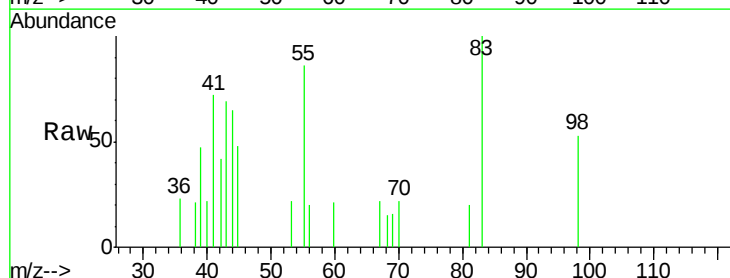
Ion 120.80 (120.50 to 121.50): V

Time-->



#39
Methylcyclohexane
Concen: 0.584 ug/l m
RT: 9.04 min Scan# 2270
Delta R.T. -0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
55	86.5	64.6	97.0
98	52.8	37.7	56.5



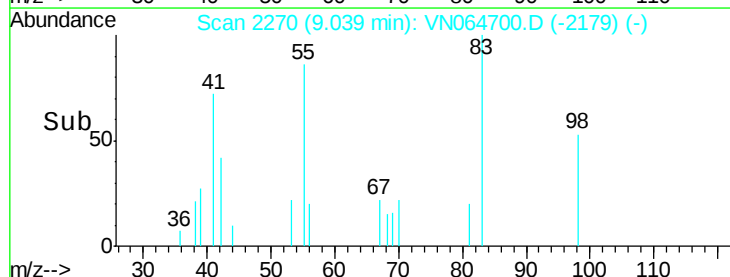
Abundance

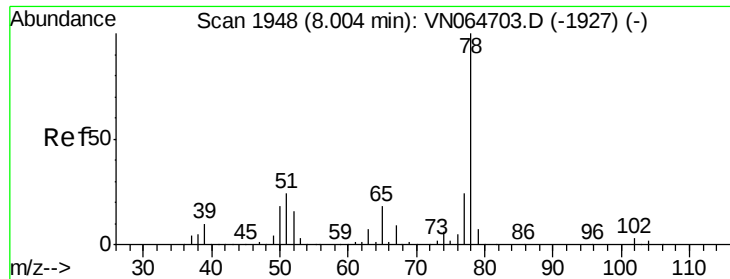
Ion 83.00 (82.70 to 83.70): VNO

Ion 55.00 (54.70 to 55.70): VNO

Ion 98.00 (97.70 to 98.70): VNO

Time-->





#40

Benzene

Concen: 0.706 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 78 Resp: 7656

Ion Ratio Lower Upper

78 100

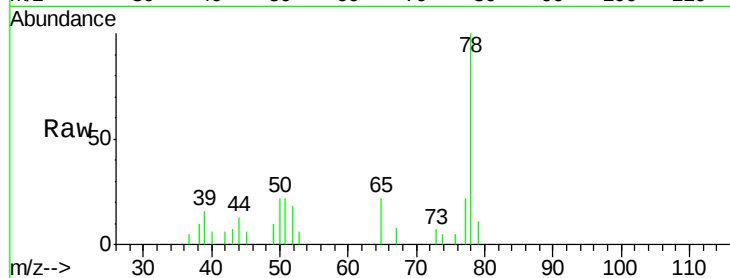
77 22.5 19.2 28.8

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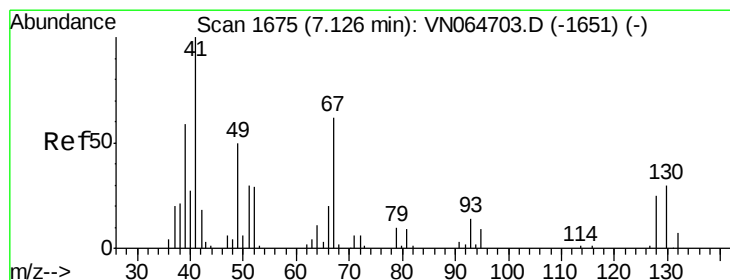
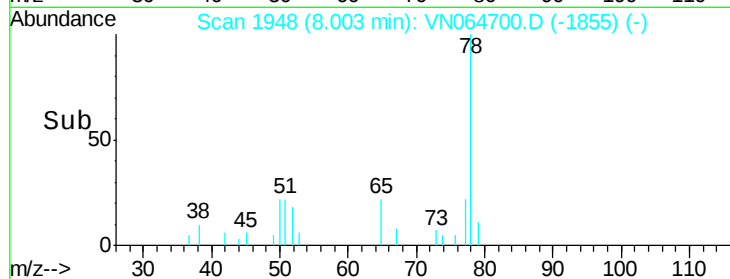
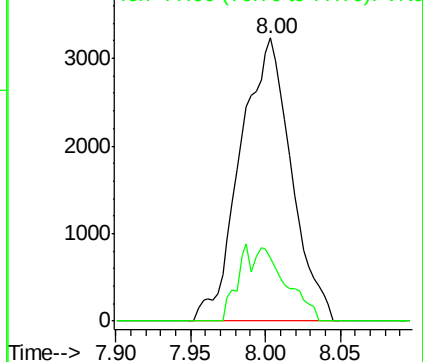
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Abundance Ion 78.00 (77.70 to 78.70): VN064700.D (-1855) (-)

Ion 77.00 (76.70 to 77.70): VN064700.D (-1855) (-)



#41

Methacrylonitrile

Concen: 0.757 ug/l m

RT: 7.11 min Scan# 1670

Delta R.T. -0.02 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion: 41 Resp: 1245

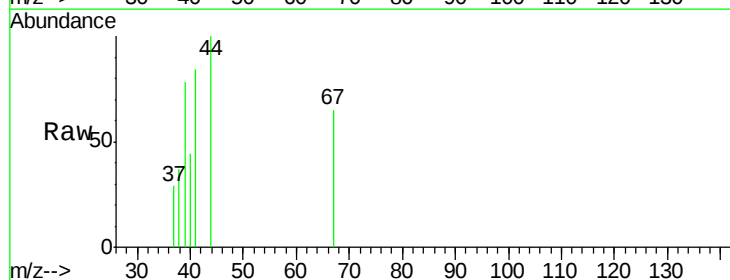
Ion Ratio Lower Upper

41 100

39 13.8 46.0 69.0#

67 22.0 67.0 100.4#

52 5.5 31.7 47.5#

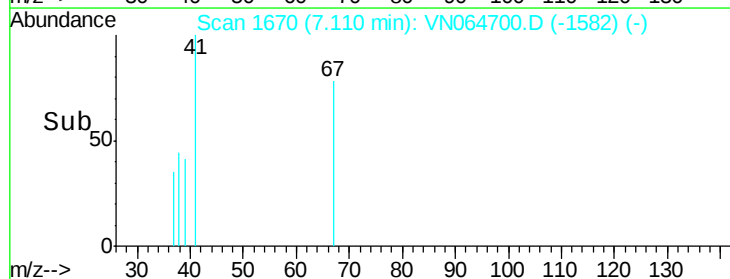
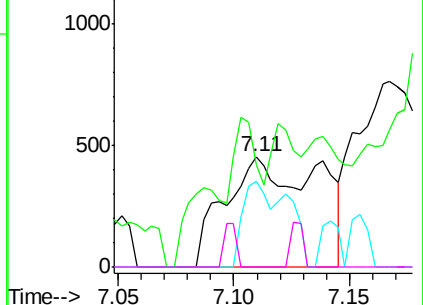


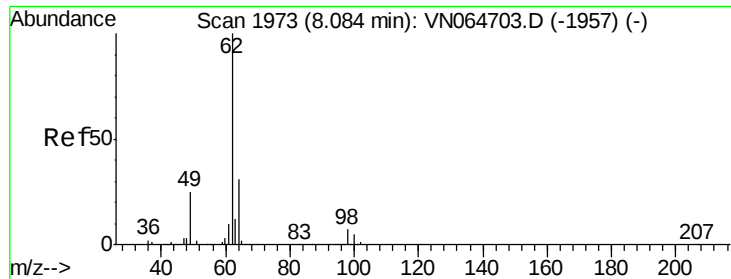
Abundance Ion 41.00 (40.70 to 41.70): VN064700.D (-1582) (-)

Ion 39.00 (38.70 to 39.70): VN064700.D (-1582) (-)

Ion 67.00 (66.70 to 67.70): VN064700.D (-1582) (-)

Ion 52.00 (51.70 to 52.70): VN064700.D (-1582) (-)





#42

1,2-Dichloroethane

Concen: 0.659 ug/l

RT: 8.08 min Scan# 1971

Delta R.T. -0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 62 Resp: 2904

Ion Ratio Lower Upper

62 100

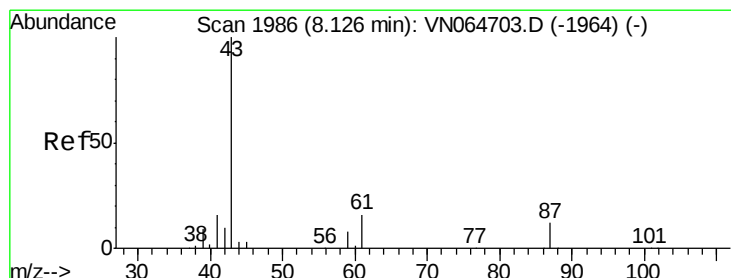
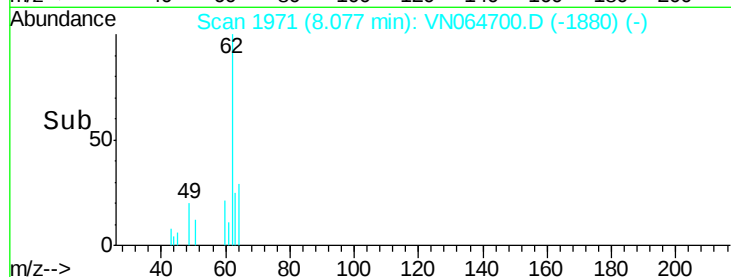
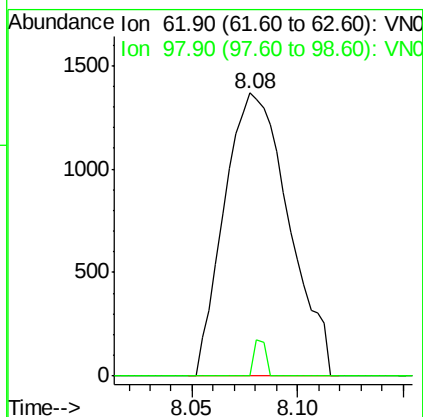
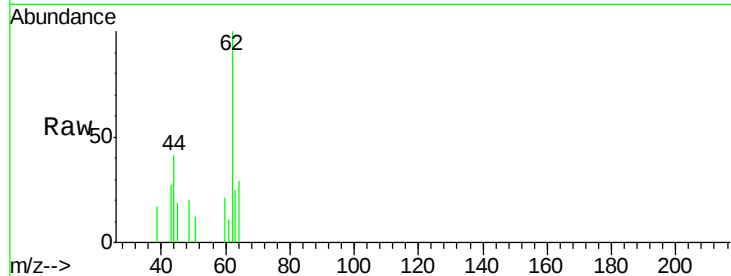
98 2.2 0.0 13.6

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#43

Isopropyl Acetate

Concen: 0.486 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

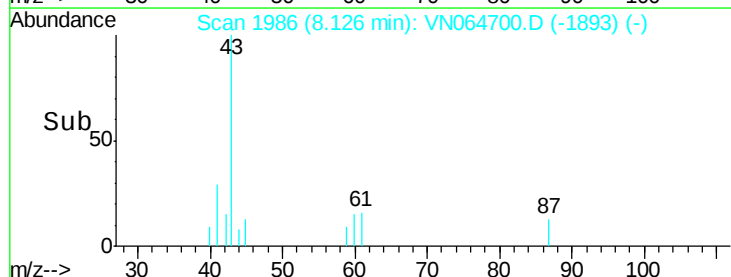
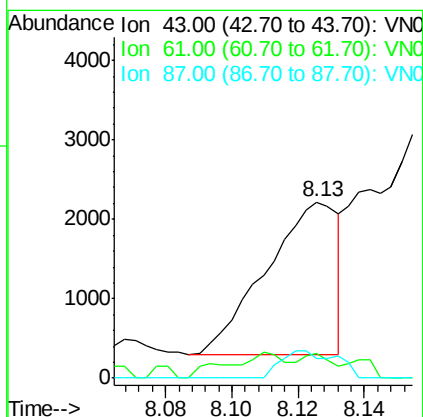
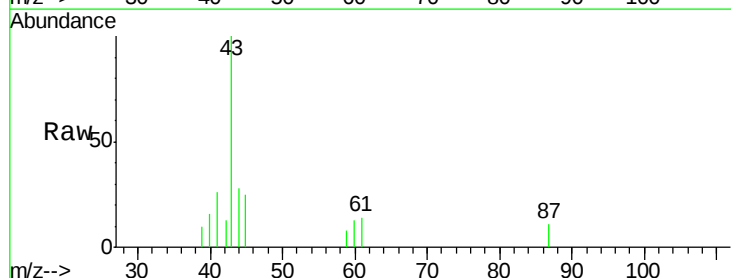
Tgt Ion: 43 Resp: 2899

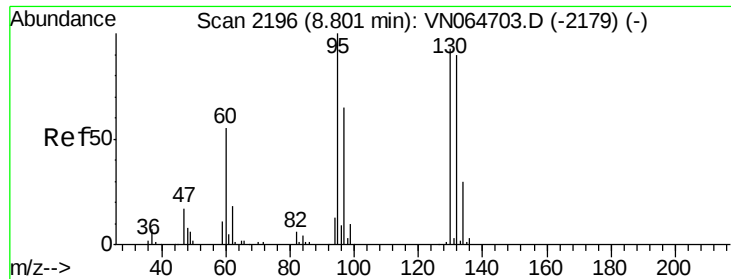
Ion Ratio Lower Upper

43 100

61 2.7 14.1 21.1#

87 13.9 9.1 13.7#





#44

Trichloroethene

Concen: 0.891 ug/l

RT: 8.80 min Scan# 2195

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 2465

Ion Ratio Lower Upper

130 100

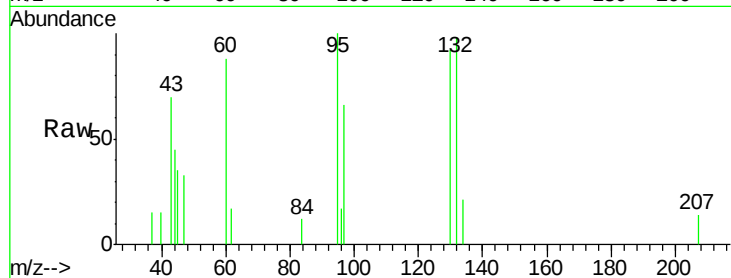
95 109.0 0.0 214.2

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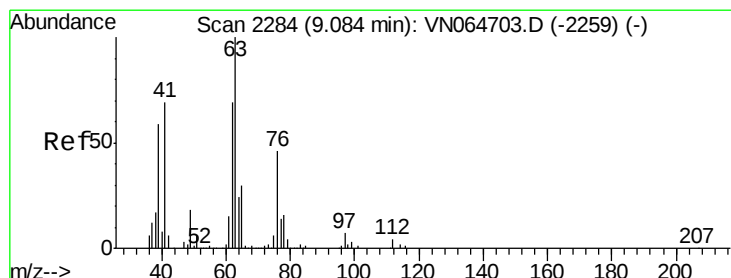
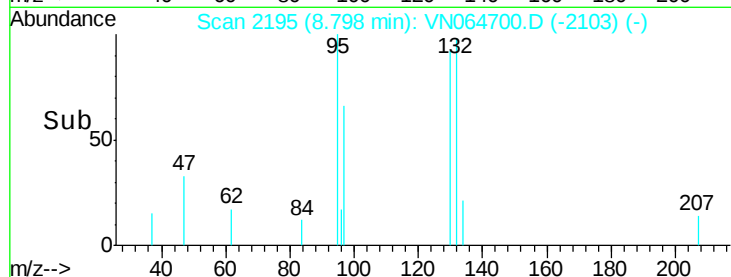
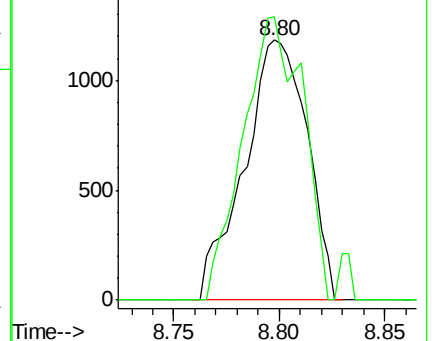
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Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#45

1,2-Dichloropropane

Concen: 0.737 ug/l

RT: 9.08 min Scan# 2283

Delta R.T. -0.00 min

Lab File: VN064700.D

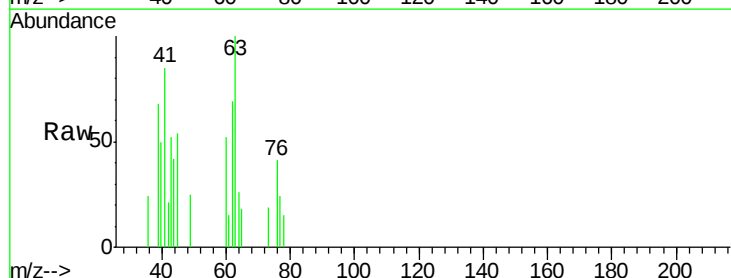
Acq: 18 Nov 2020 11:39

Tgt Ion: 63 Resp: 2126

Ion Ratio Lower Upper

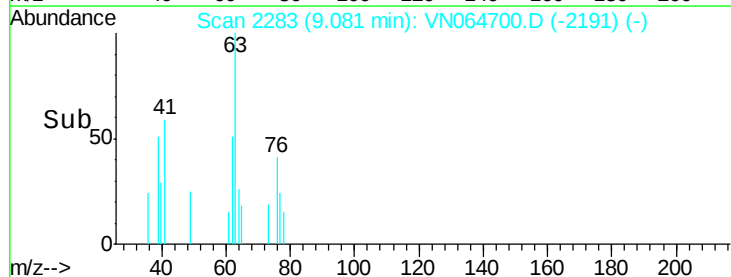
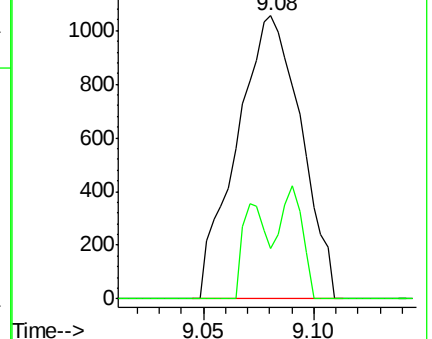
63 100

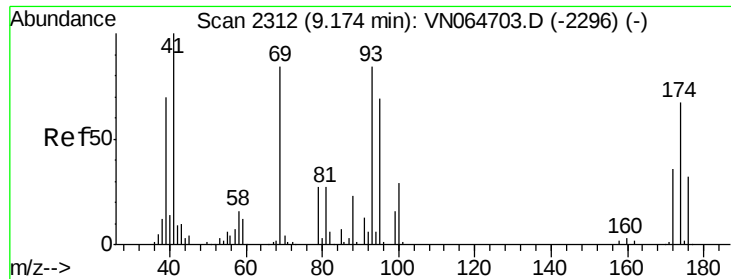
65 18.0 24.0 36.0#



Abundance Ion 62.90 (62.60 to 63.60): VN

Ion 64.90 (64.60 to 65.60): VN





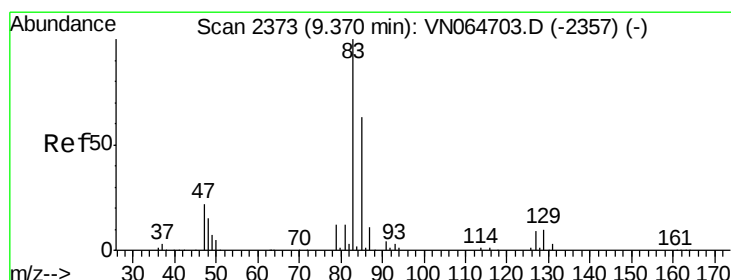
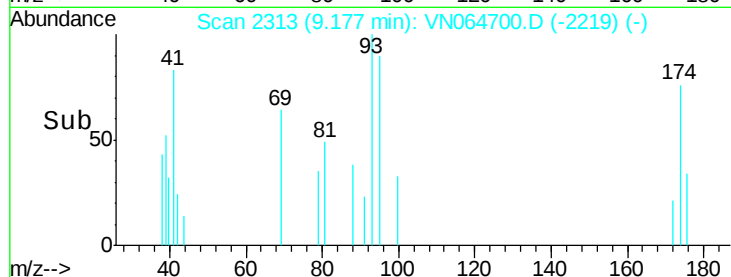
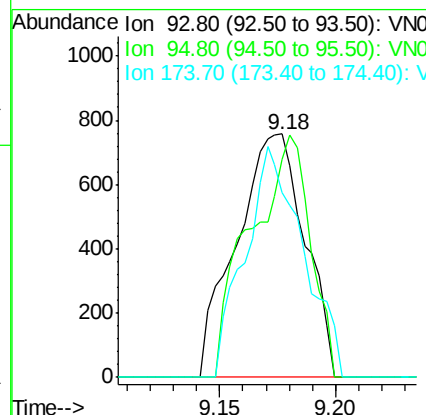
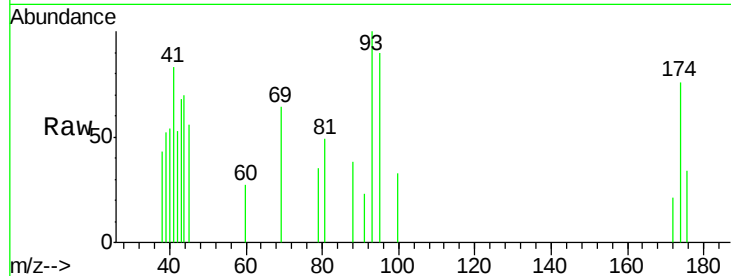
#46
Dibromomethane
Concen: 0.805 ug/l
RT: 9.18 min Scan# 2313
Delta R.T. 0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
93	100		
95	87.0	64.6	97.0
174	80.2	64.3	96.5

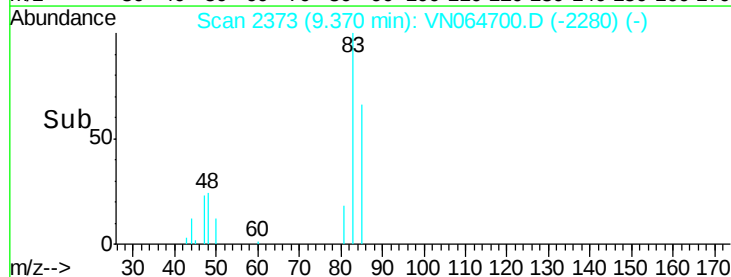
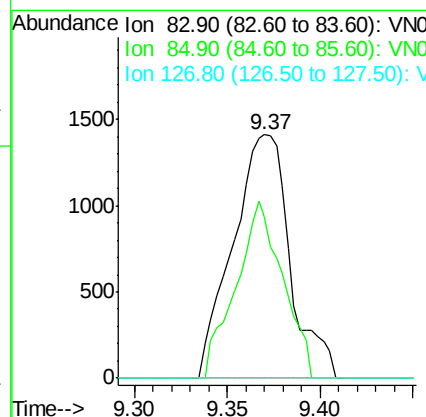
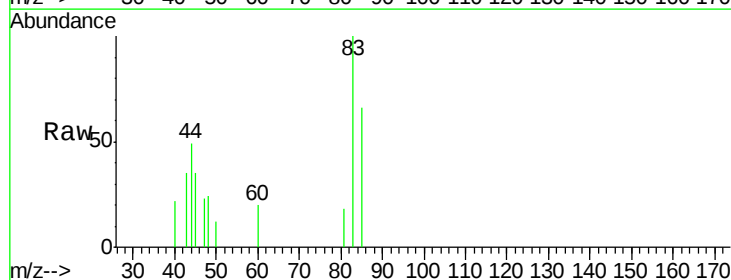
Manual Integrations
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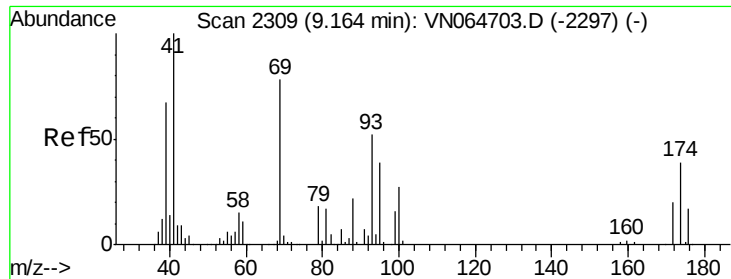
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#47
Bromodichloromethane
Concen: 0.736 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.4	50.8	76.2
127	0.0	7.0	10.4#





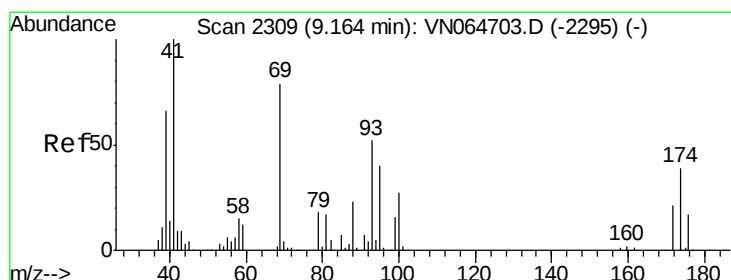
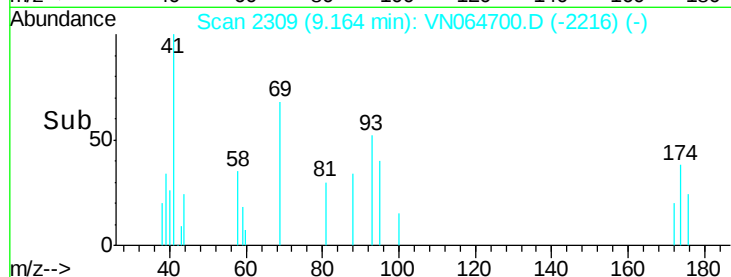
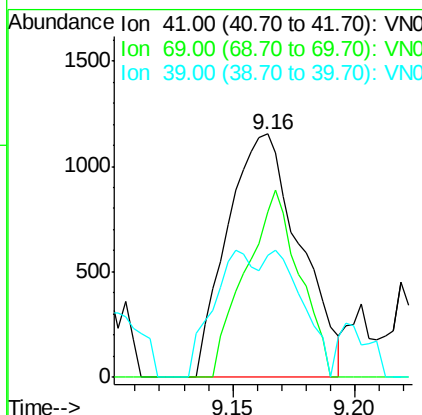
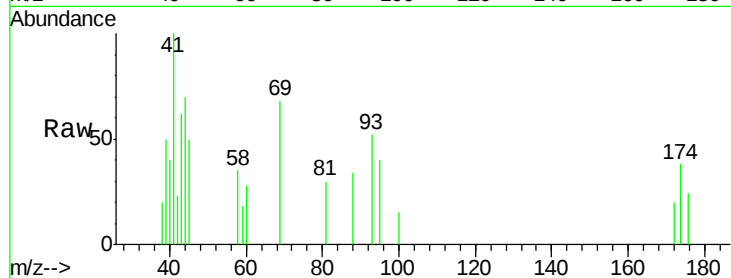
#48
Methvl methacrylate
Concen: 0.790 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	57.2	62.3	93.5#
39	32.4	55.1	82.7#

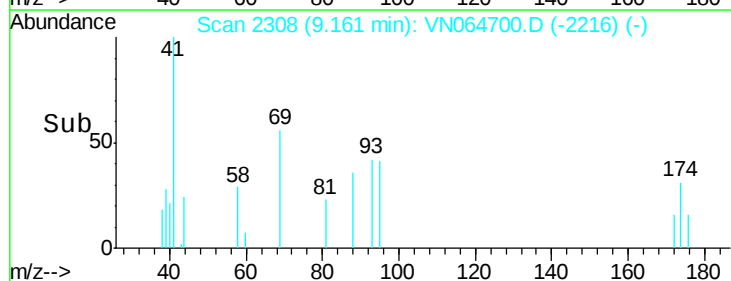
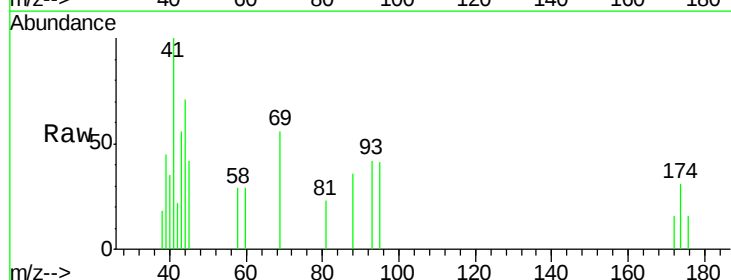
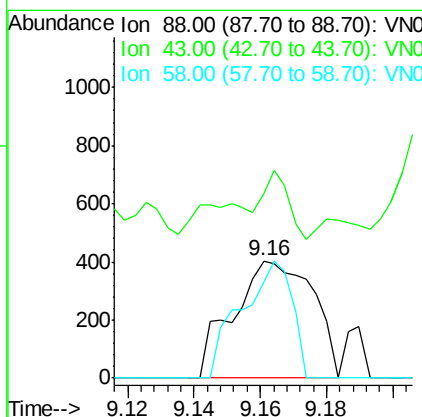
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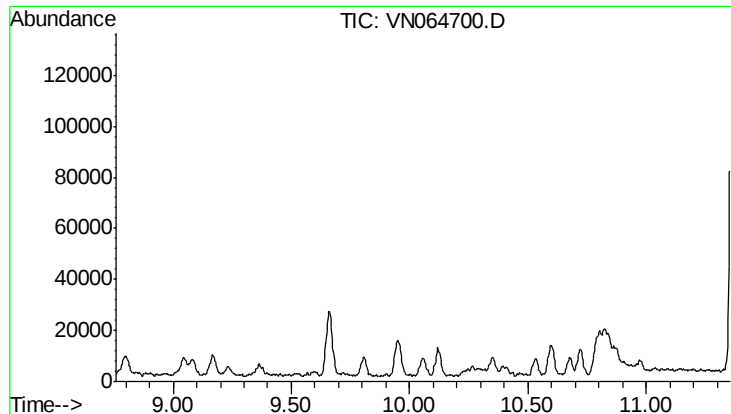
MMDadoda
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#49
1,4-Dioxane
Concen: 17.349 ug/l
RT: 9.16 min Scan# 2308
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
43	17.9	31.3	46.9#
58	63.2	55.7	83.5





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min

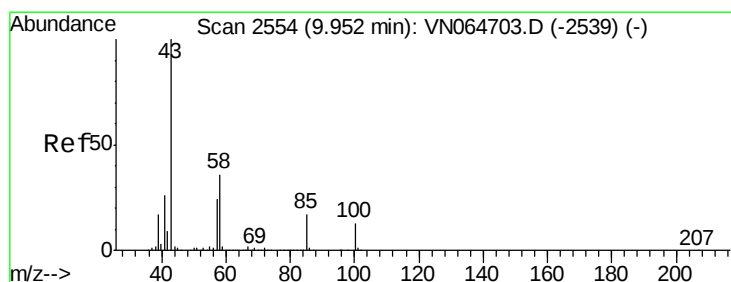
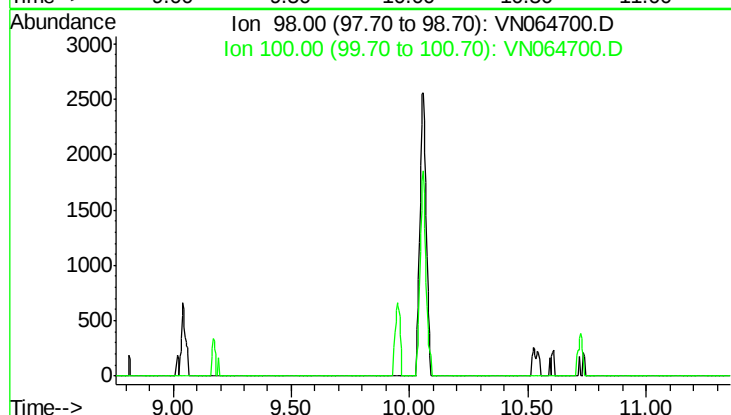
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.0

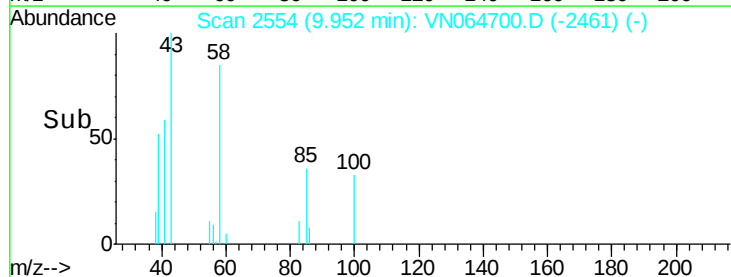
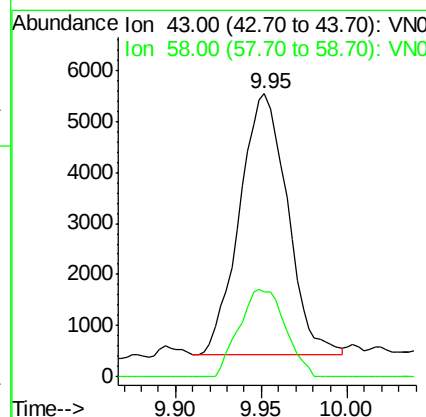
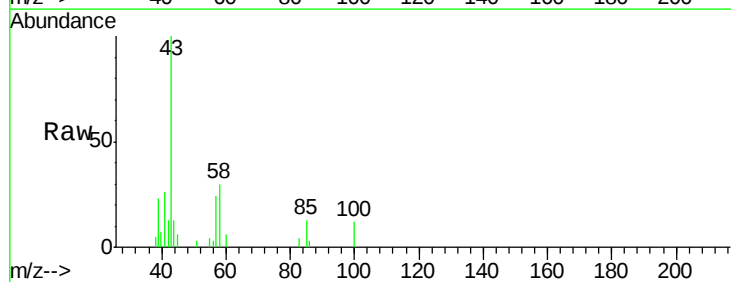
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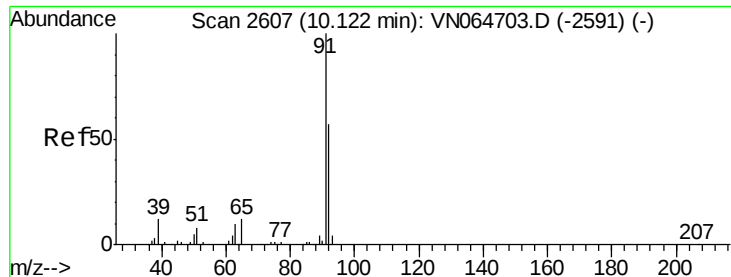
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#51
4-Methyl-2-Pentanone
Concen: 2.871 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion: 43 Resp: 9938
Ion Ratio Lower Upper
43 100
58 32.1 28.5 42.7





#52

Toluene

Concen: 0.592 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 3922

Ion Ratio Lower Upper

92 100

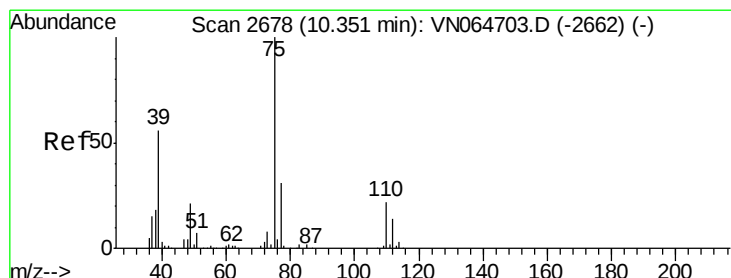
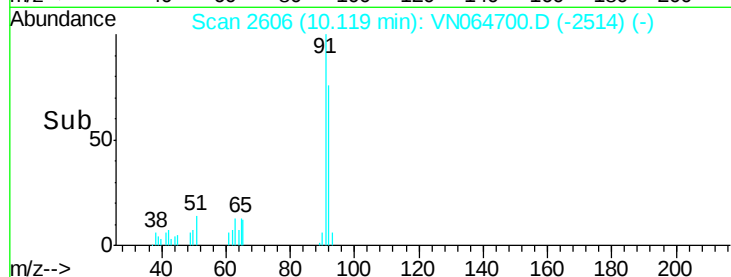
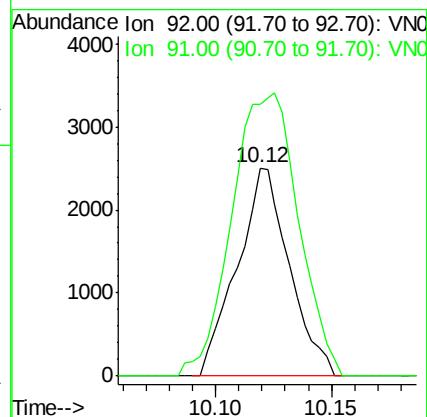
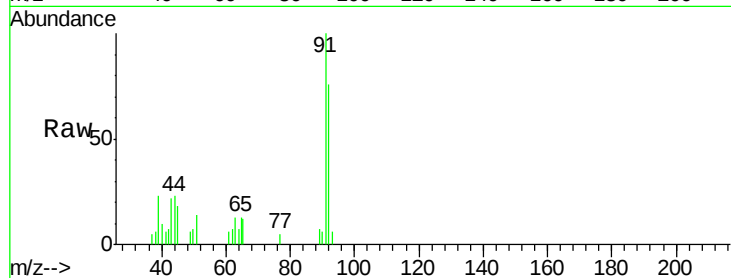
91 173.1 141.2 211.8

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#53

t-1,3-Dichloropropene

Concen: 0.732 ug/l

RT: 10.35 min Scan# 2678

Delta R.T. -0.00 min

Lab File: VN064700.D

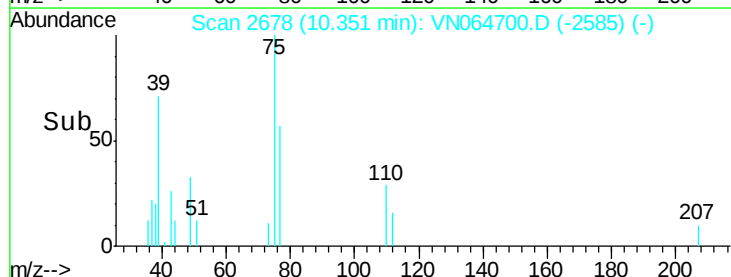
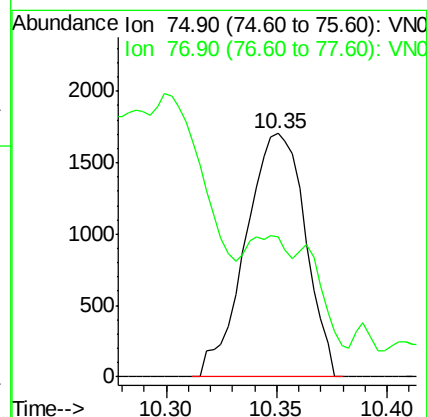
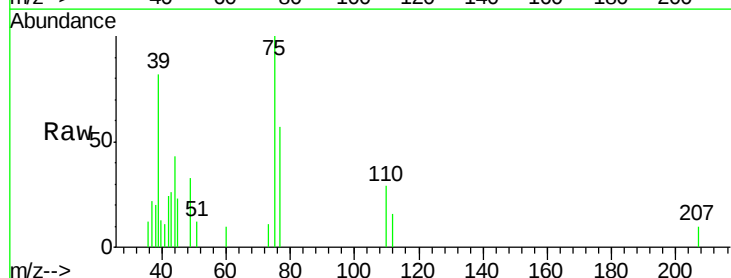
Acq: 18 Nov 2020 11:39

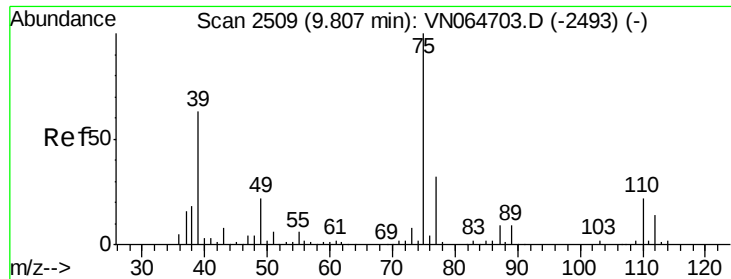
Tgt Ion: 75 Resp: 3186

Ion Ratio Lower Upper

75 100

77 44.7 25.4 38.0#





#54

cis-1,3-Dichloropropene

Concen: 0.663 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

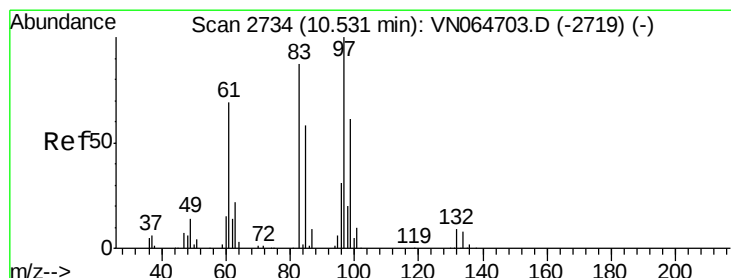
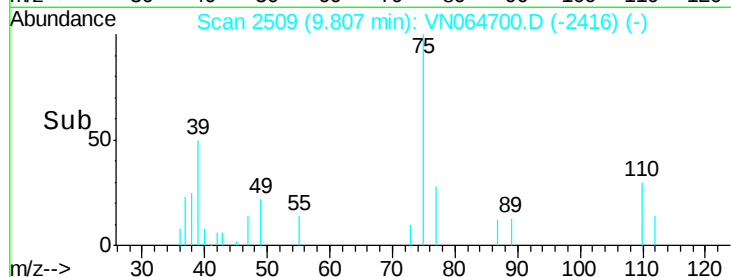
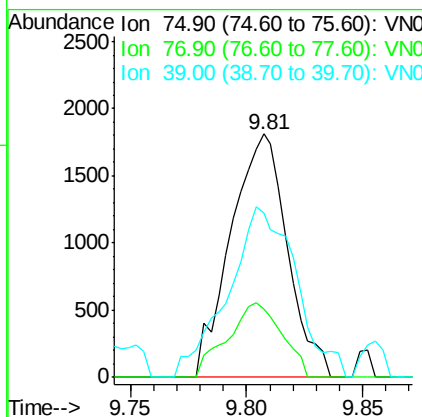
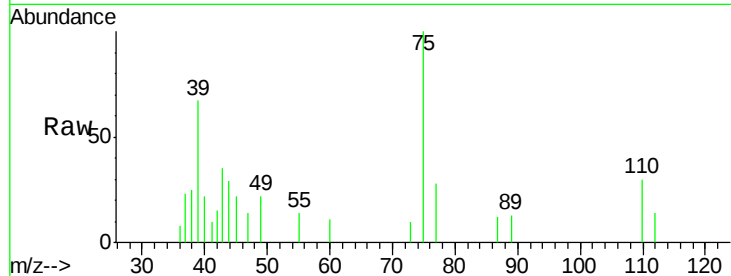
ClientSampleId :

VSTDIC001

Tot Ion:	75	Resp:	3070
Ion	Ratio	Lower	Upper
75	100		
77	28.2	25.8	38.8
39	59.0	50.5	75.7

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#55

1,1,2-Trichloroethane

Concen: 0.598 ug/l

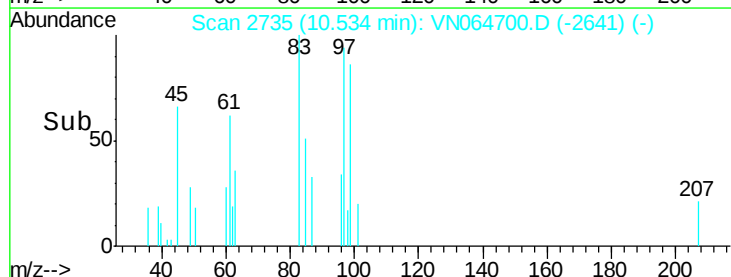
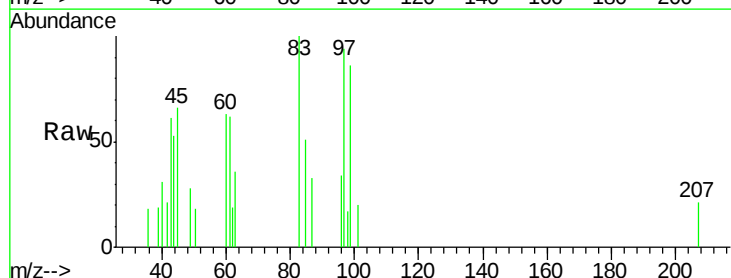
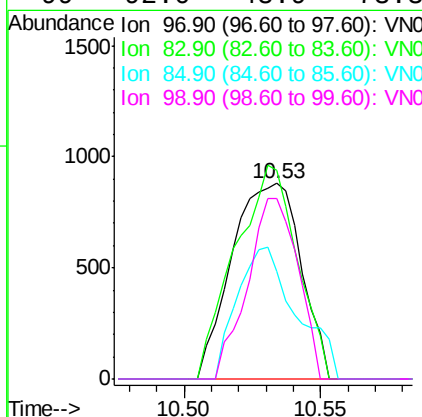
RT: 10.53 min Scan# 2735

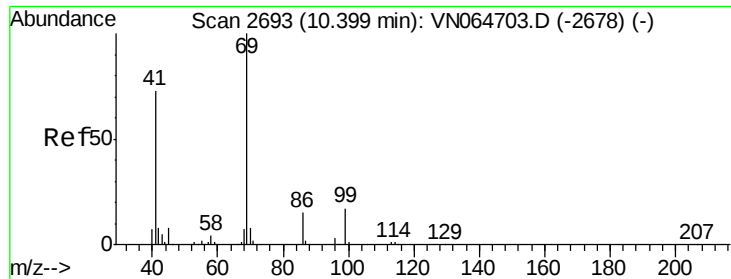
Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	97	Resp:	1551
Ion	Ratio	Lower	Upper
97	100		
83	106.8	69.6	104.4#
85	55.0	46.6	70.0
99	92.0	48.9	73.3#





#56

Ethyl methacrylate

Concen: 0.473 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

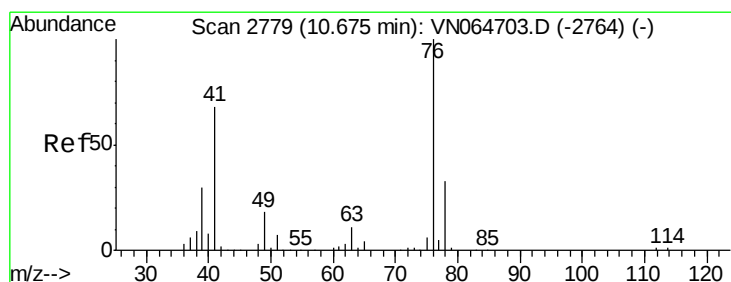
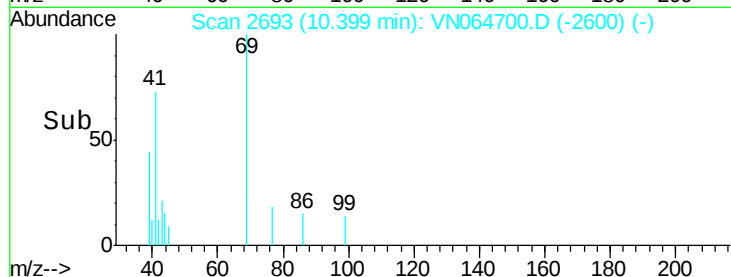
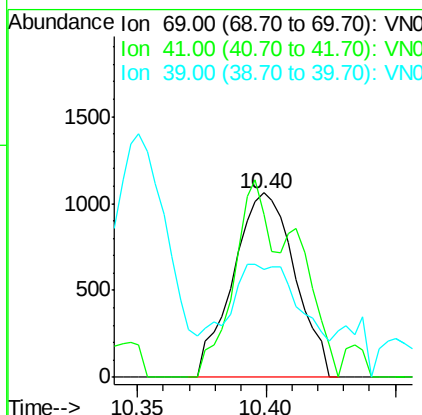
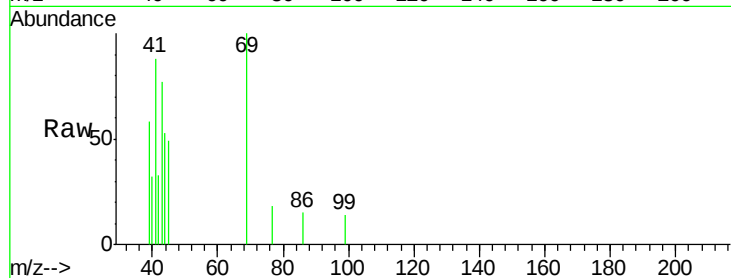
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	1770
Ion	Ratio	Lower	Upper
69	100		
41	69.0	59.0	88.4
39	74.2	38.4	57.6#

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#57

1,3-Dichloropropane

Concen: 0.704 ug/l

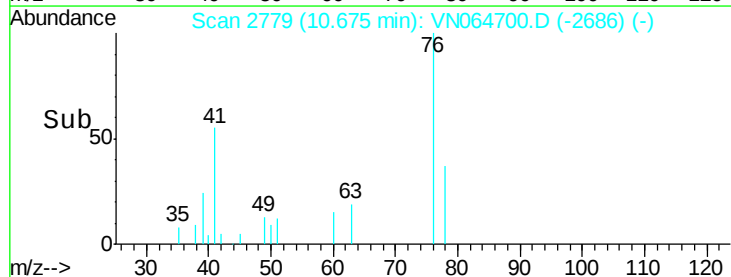
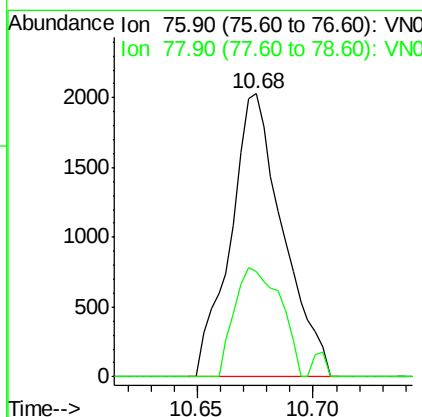
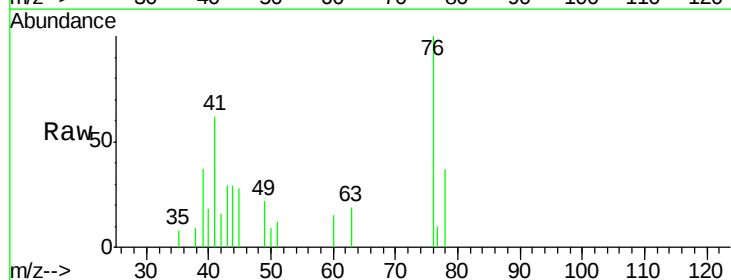
RT: 10.68 min Scan# 2779

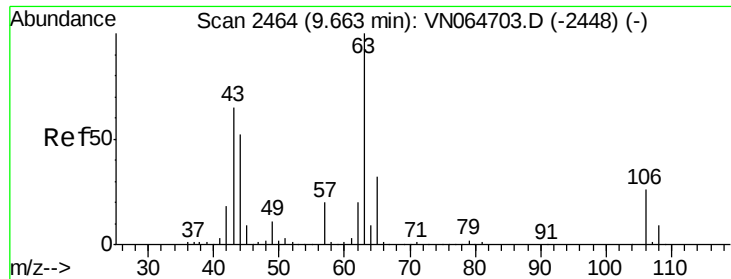
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	76	Resp:	3179
Ion	Ratio	Lower	Upper
76	100		
78	33.9	26.4	39.6





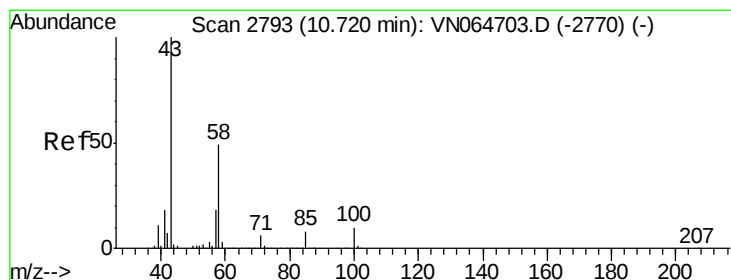
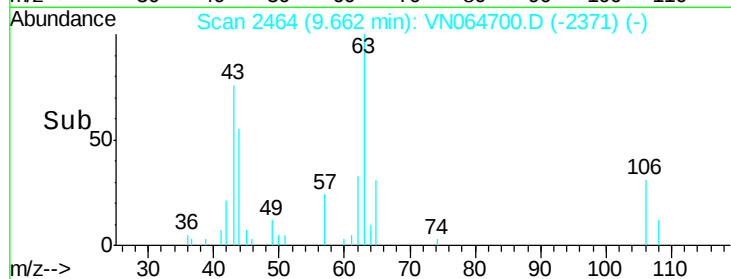
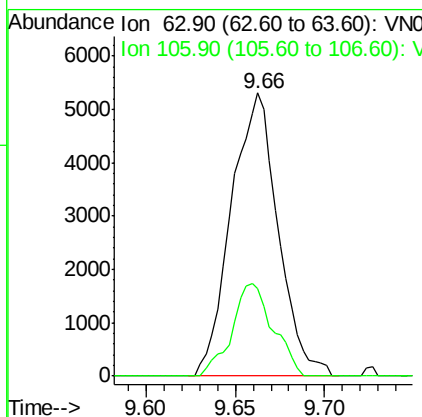
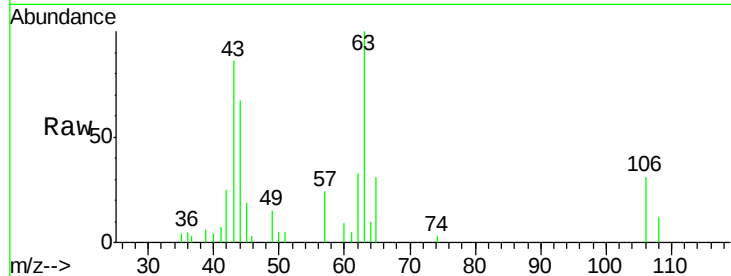
#58
2-Chloroethyl Vinyl ether
Concen: 5.138 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 63 Resp: 9691
Ion Ratio Lower Upper
63 100
106 28.6 20.9 31.3

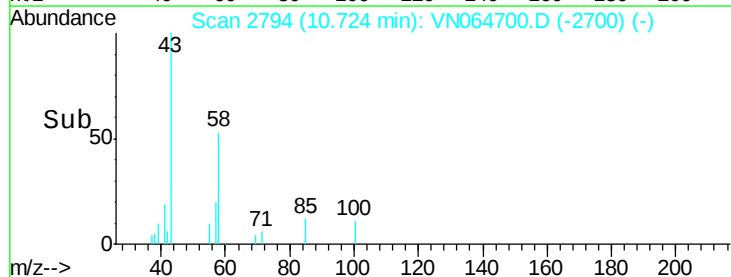
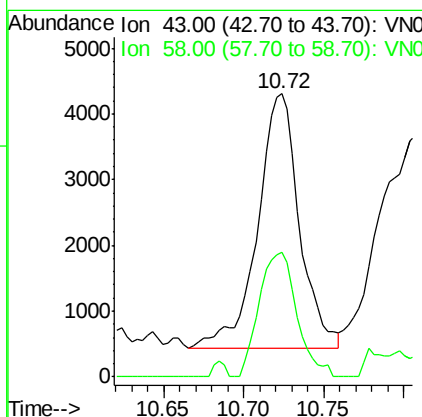
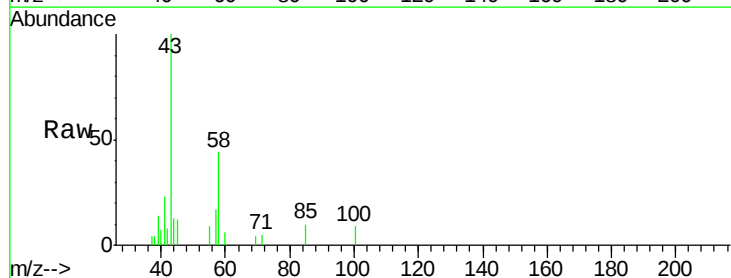
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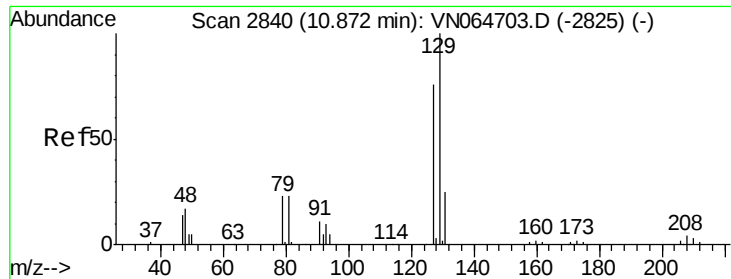
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#59
2-Hexanone
Concen: 2.796 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion: 43 Resp: 6994
Ion Ratio Lower Upper
43 100
58 44.1 24.4 73.4





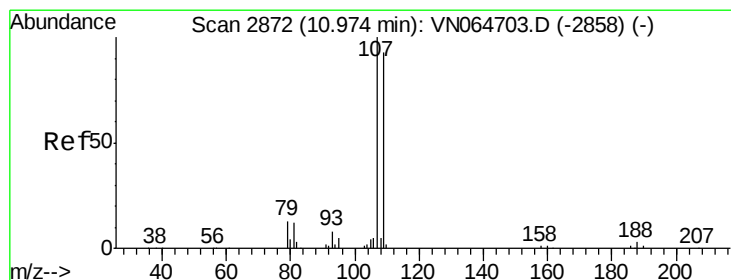
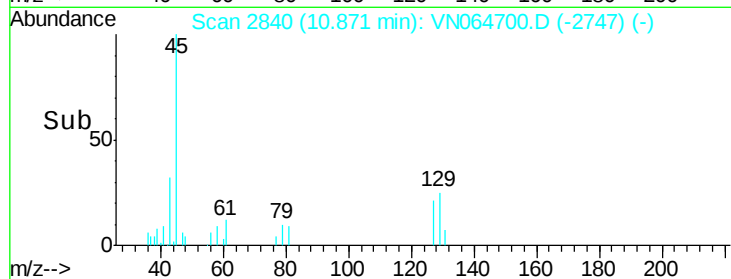
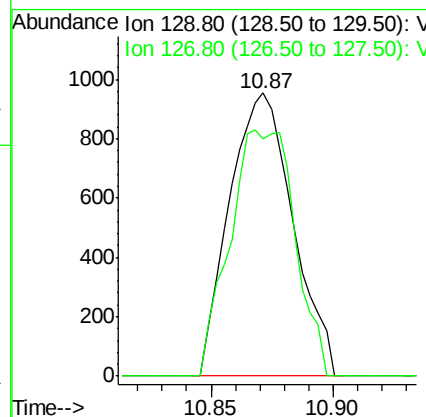
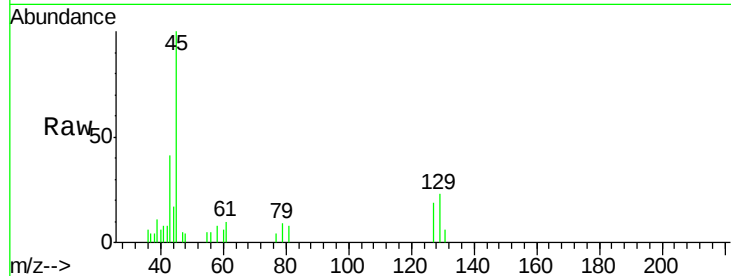
#60
 Dibromochloromethane
 Concen: 0.592 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
129	100		
127	89.2	38.8	116.4

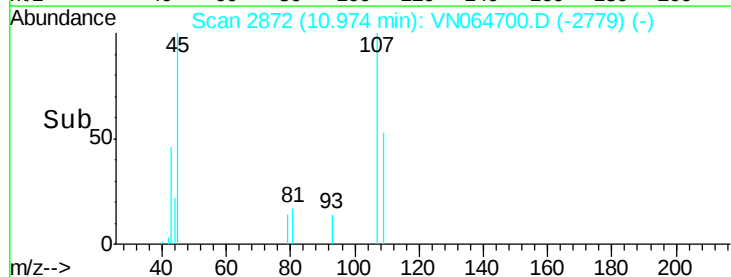
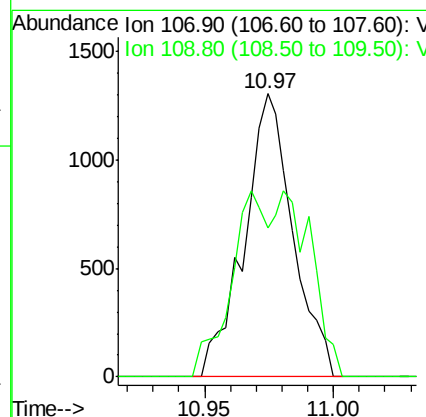
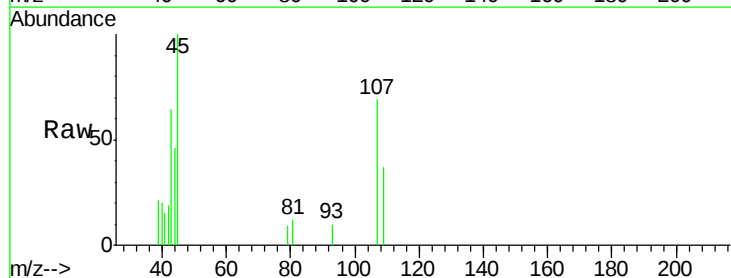
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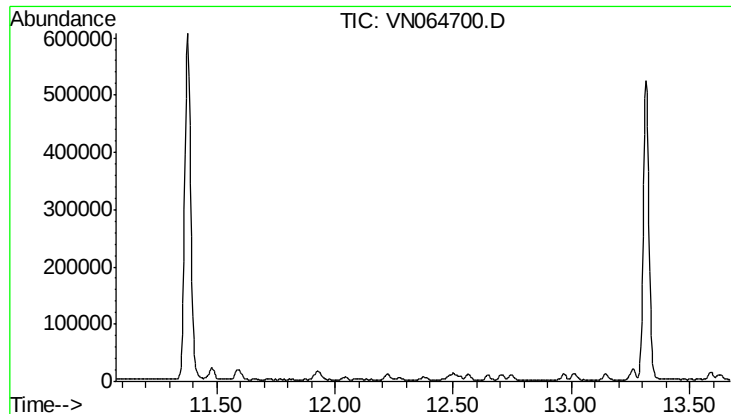
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#61
 1,2-Dibromoethane
 Concen: 0.653 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
109	49.1	74.2	111.4





#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.37 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tot Ion: 95

Sig Exp Ratio

95 100

174 68.4

176 67.1

Instrument :

MSVOA_N

ClientSampleId :

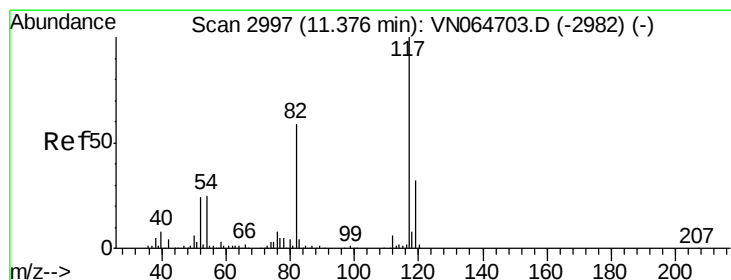
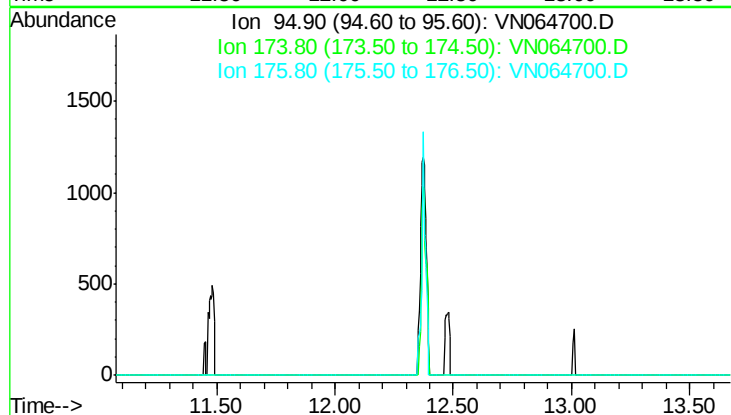
VSTDIC001

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#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

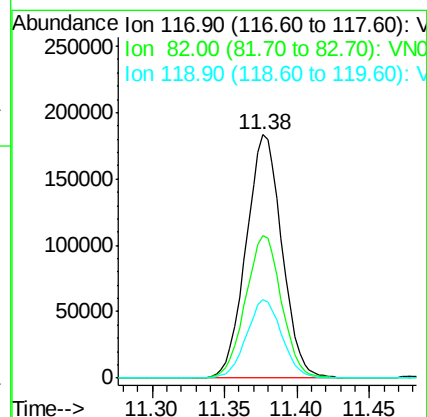
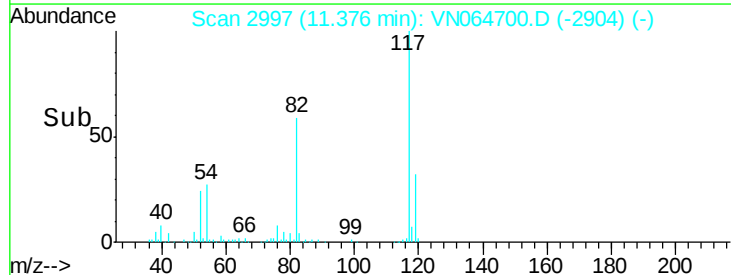
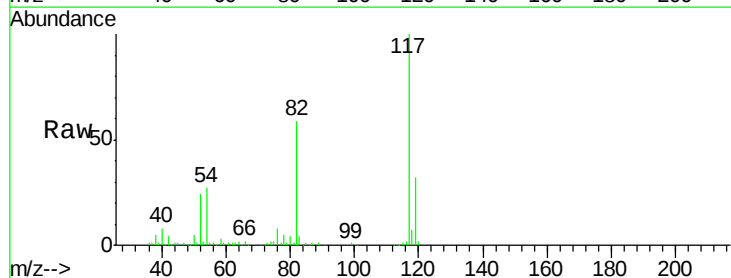
Tgt Ion:117 Resp: 315643

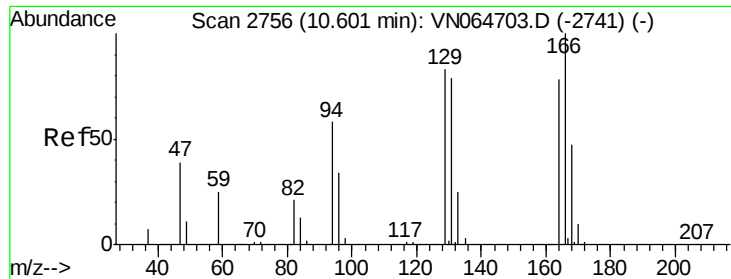
Ion Ratio Lower Upper

117 100

82 58.7 47.0 70.6

119 32.2 25.4 38.2





#64

Tetrachloroethene

Concen: 0.861 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2127

Ion Ratio Lower Upper

164 100

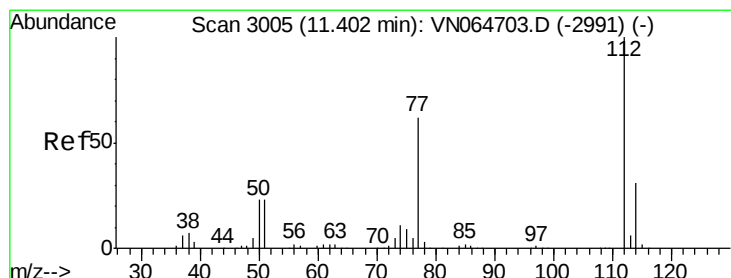
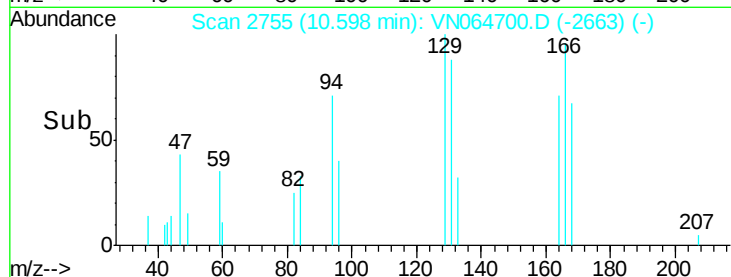
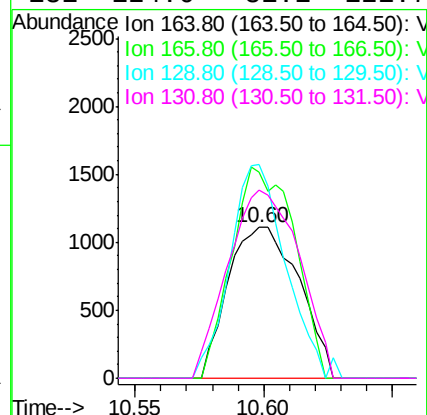
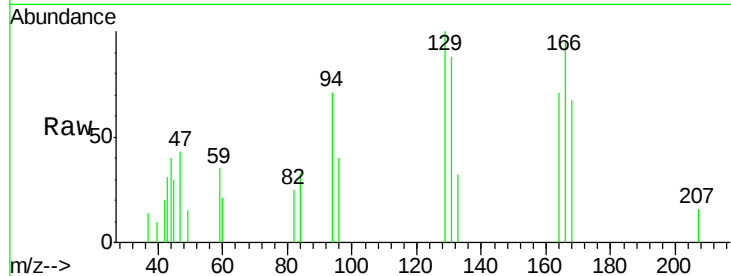
166 136.4 102.2 153.4

129 141.4 84.7 127.1#

131 124.6 81.1 121.7#

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#65

Chlorobenzene

Concen: 0.735 ug/l

RT: 11.40 min Scan# 3005

Delta R.T. -0.00 min

Lab File: VN064700.D

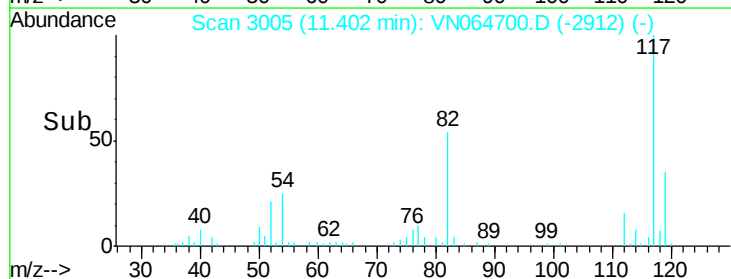
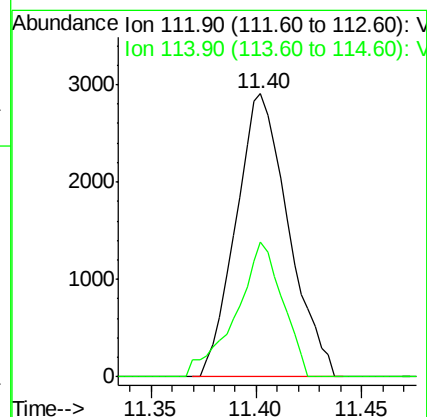
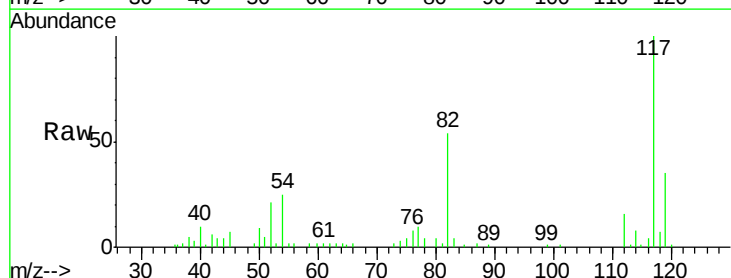
Acq: 18 Nov 2020 11:39

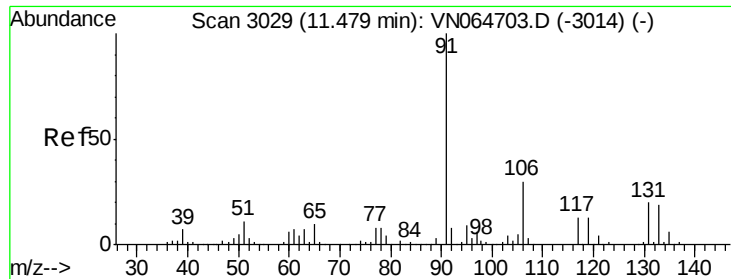
Tgt Ion:112 Resp: 5021

Ion Ratio Lower Upper

112 100

114 47.5 24.7 37.1#





#66

1,1,1,2-Tetrachloroethane

Concen: 0.589 ug/l

RT: 11.47 min Scan# 3027

Delta R.T. -0.01 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

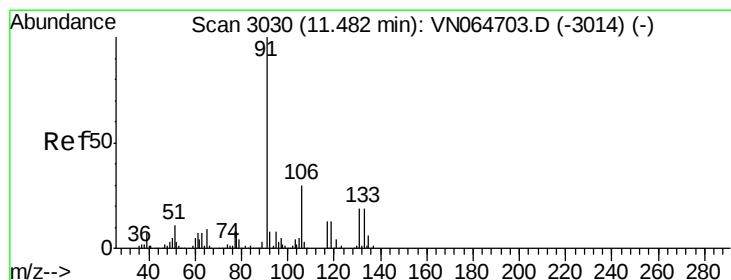
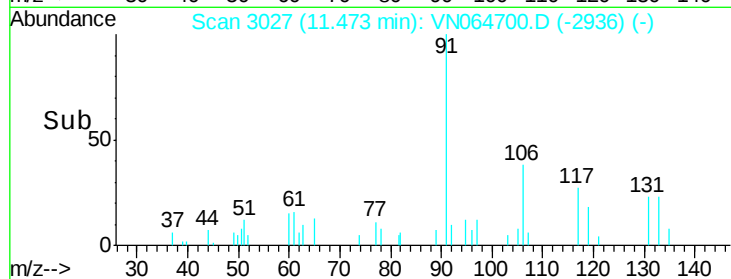
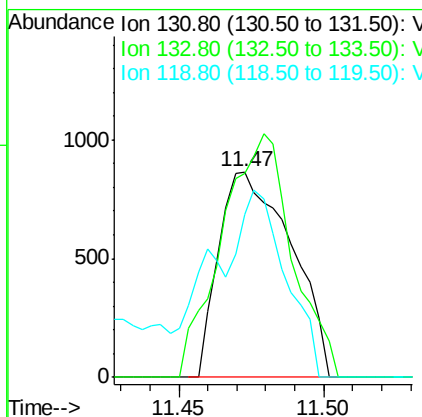
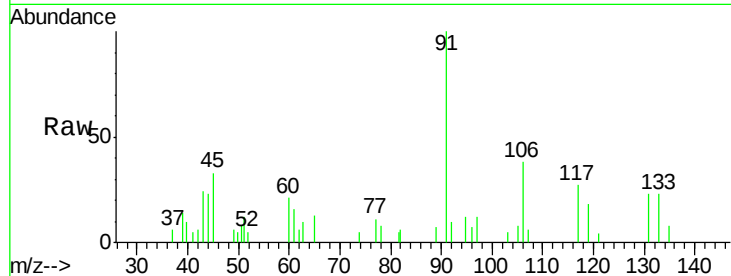
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	115.1	48.8	146.4
119	0.0	33.5	100.4

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#67

Ethyl Benzene

Concen: 0.660 ug/l

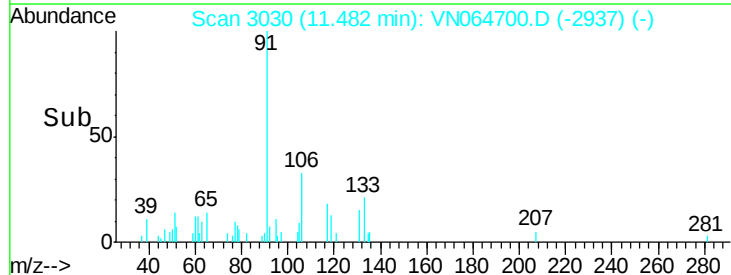
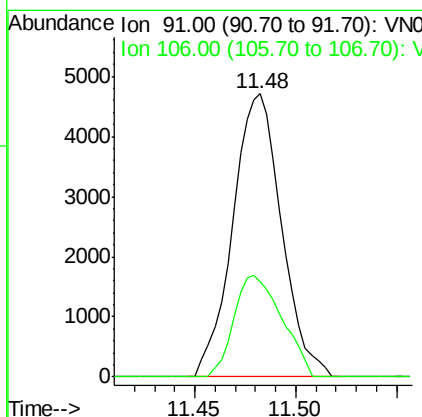
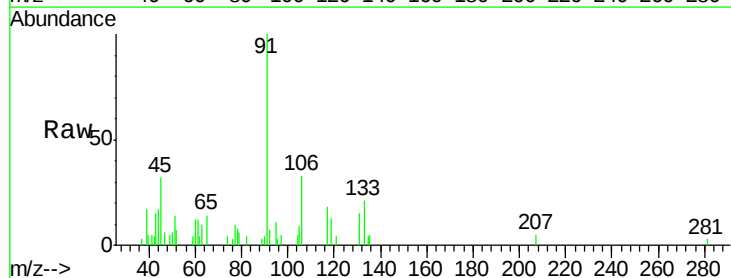
RT: 11.48 min Scan# 3030

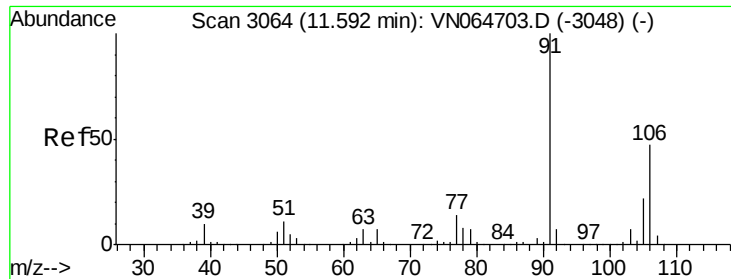
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
91	100		
106	33.5	23.9	35.9





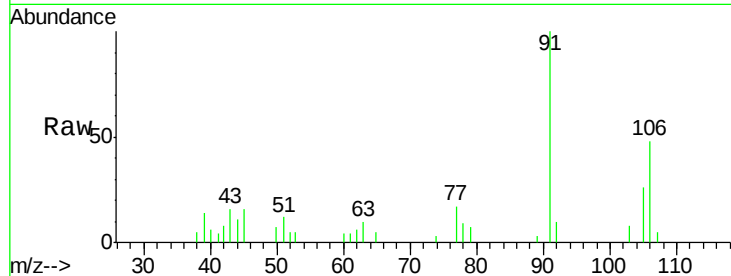
#68
m/p-Xylenes
Concen: 1.209 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

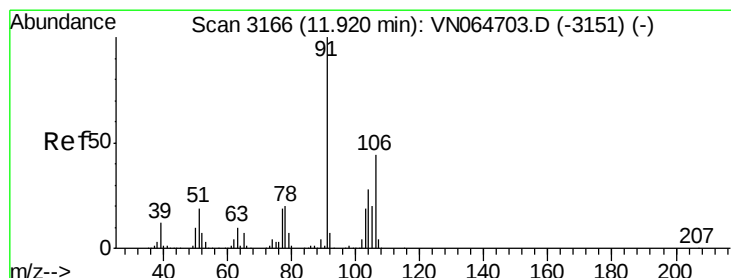
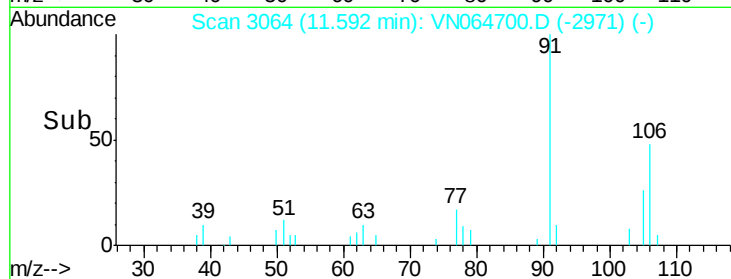
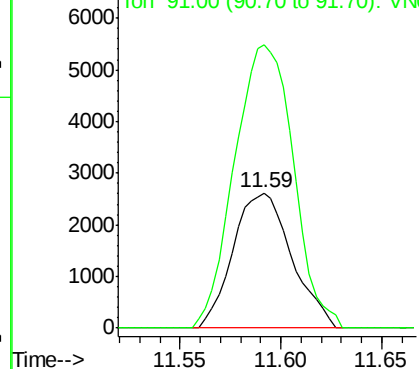
Tot Ion:106 Resp: 5310
Ion Ratio Lower Upper
106 100
91 210.9 171.9 257.9

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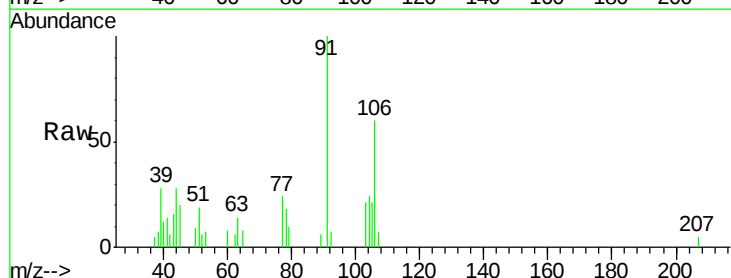


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

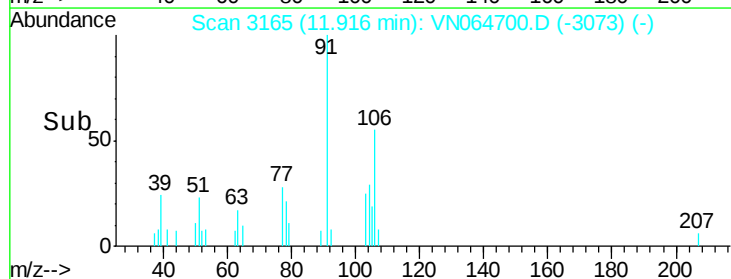
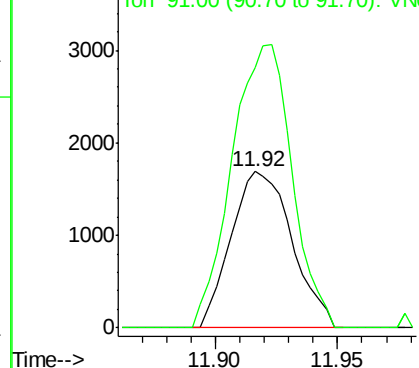


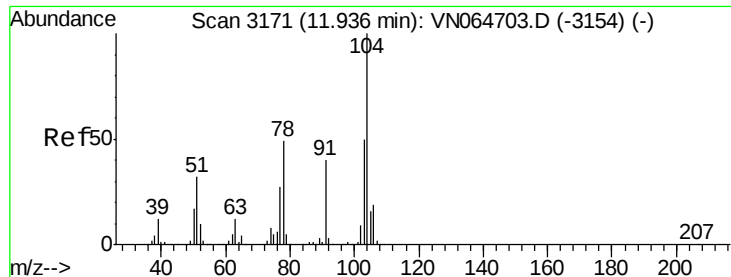
#69
o-Xylene
Concen: 0.691 ug/l
RT: 11.92 min Scan# 3165
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion:106 Resp: 2930
Ion Ratio Lower Upper
106 100
91 177.8 112.1 336.3



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#70

Stvrene

Concen: 0.675 ug/l

RT: 11.94 min Scan# 3171

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

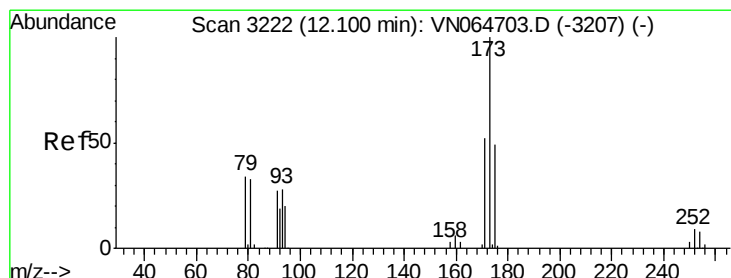
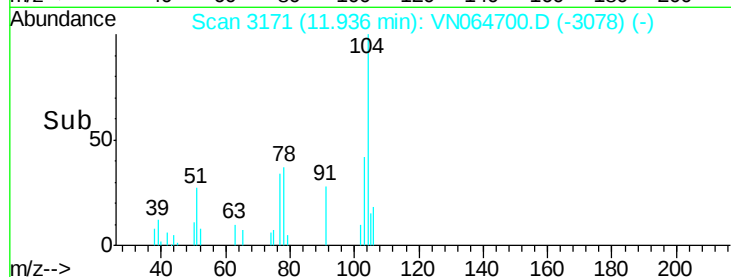
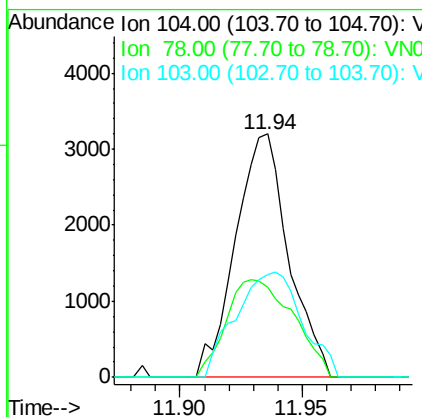
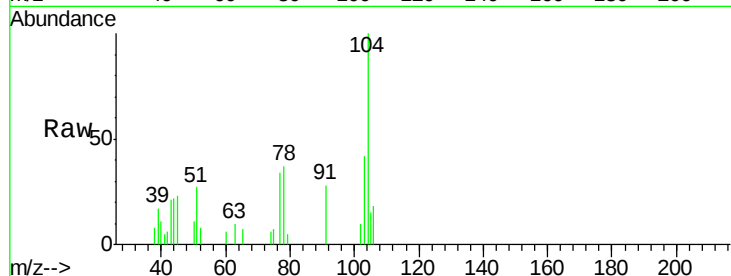
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	4823
Ion	Ratio	Lower	Upper
104	100		
78	50.7	44.1	66.1
103	54.3	43.7	65.5

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#71

Bromoform

Concen: 0.570 ug/l

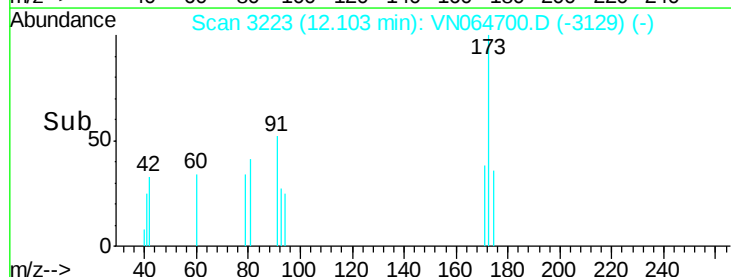
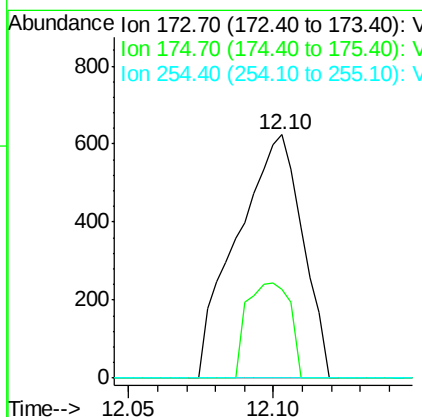
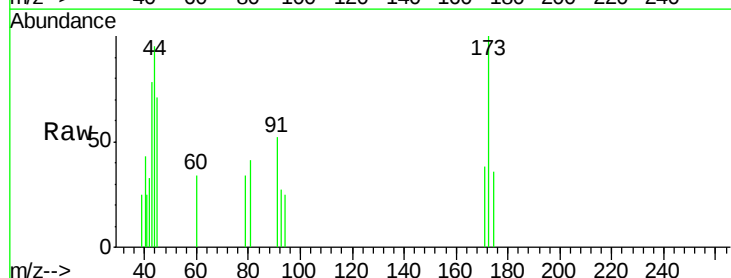
RT: 12.10 min Scan# 3223

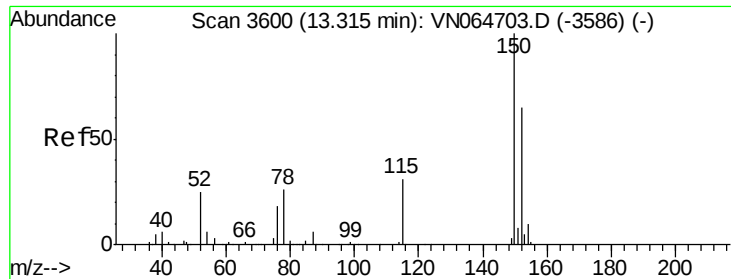
Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	173	Resp:	975
Ion	Ratio	Lower	Upper
173	100		
175	25.8	24.3	72.9
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3600

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 121526

Ion Ratio Lower Upper

152 100

115 66.5 32.1 96.3

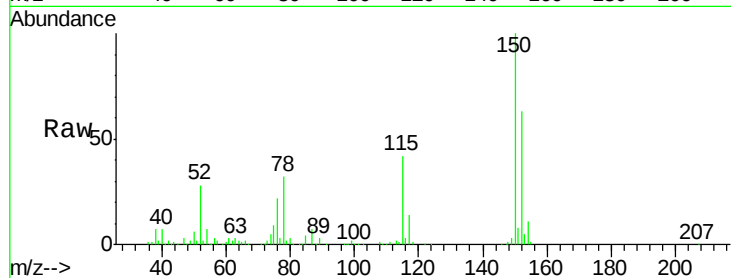
150 159.0 0.0 344.8

Manual Integrations

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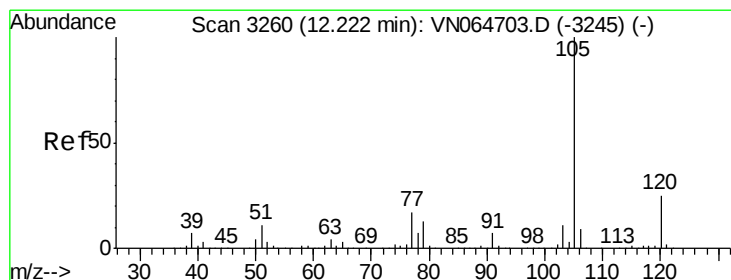
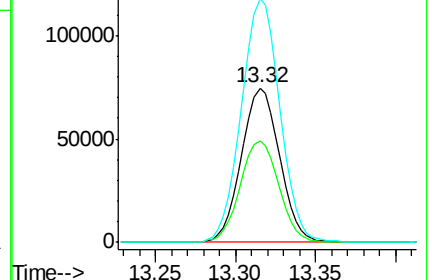
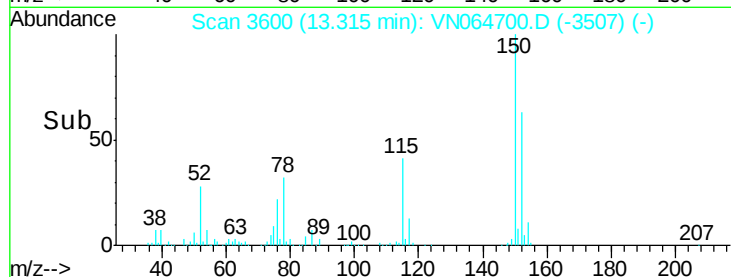
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.638 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064700.D

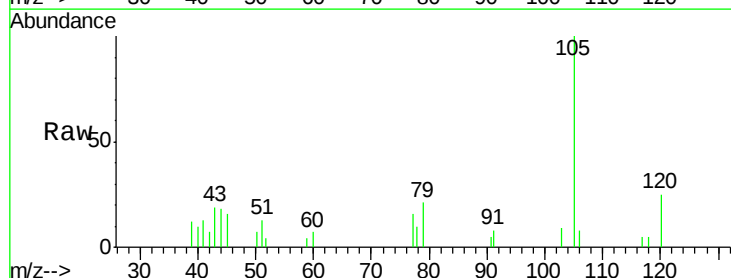
Acq: 18 Nov 2020 11:39

Tgt Ion:105 Resp: 6001

Ion Ratio Lower Upper

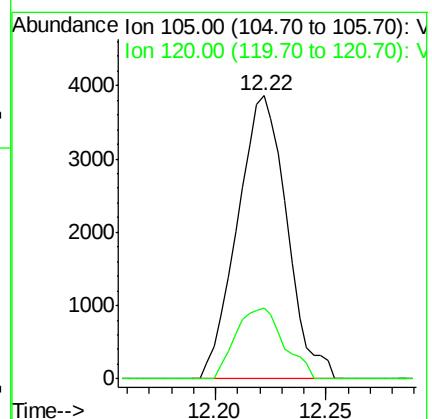
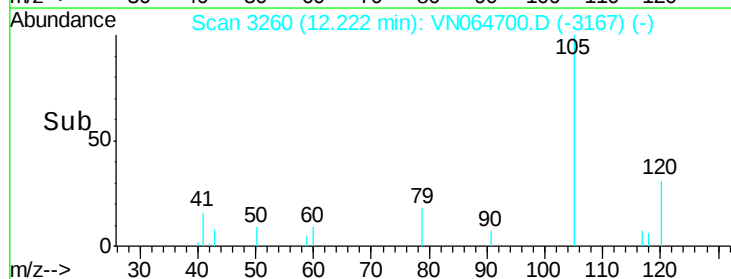
105 100

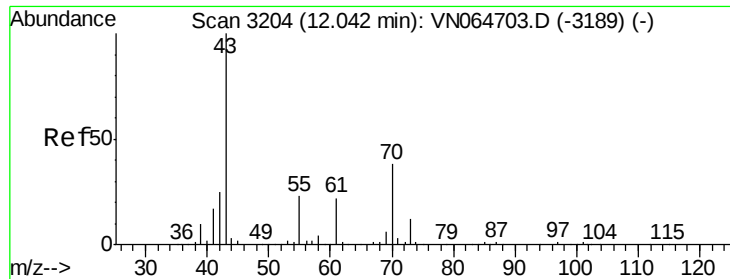
120 24.2 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.646 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

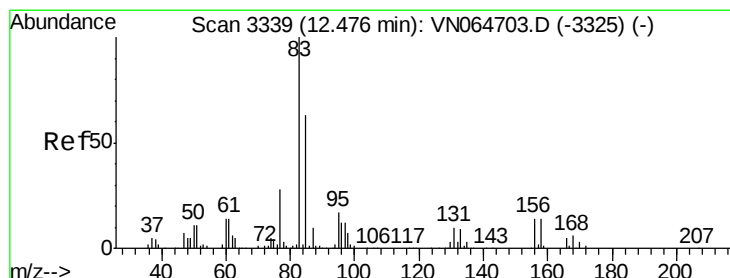
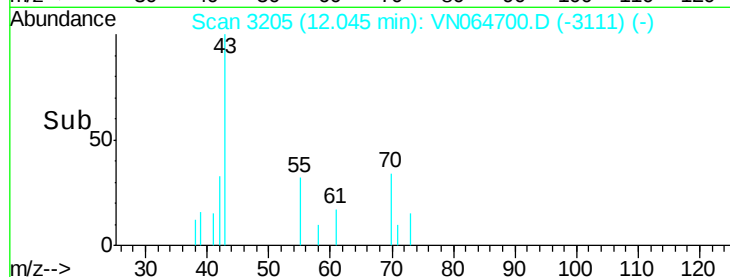
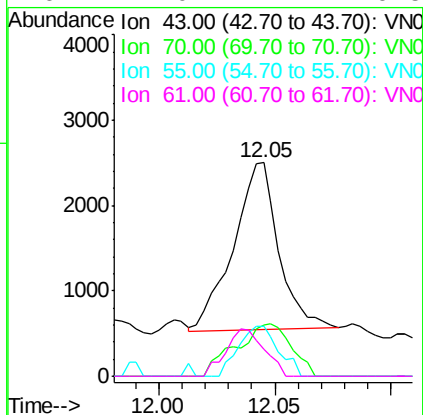
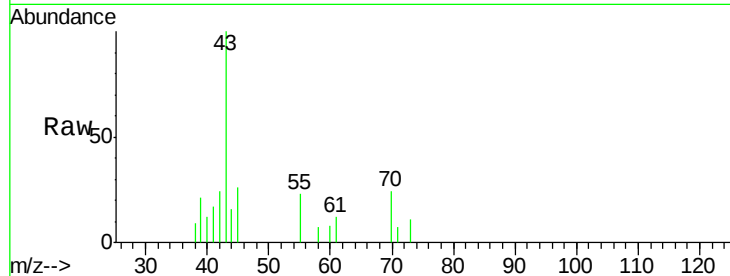
ClientSampleId :

VSTDIC001

Tot Ion:	43	Resp:	2653
Ion	Ratio	Lower	Upper
43	100		
70	38.5	30.3	45.5
55	26.4	18.9	28.3
61	24.0	17.7	26.5

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#75

1,1,2,2-Tetrachloroethane

Concen: 0.779 ug/l

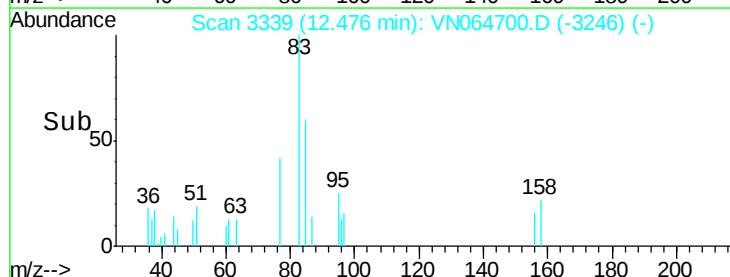
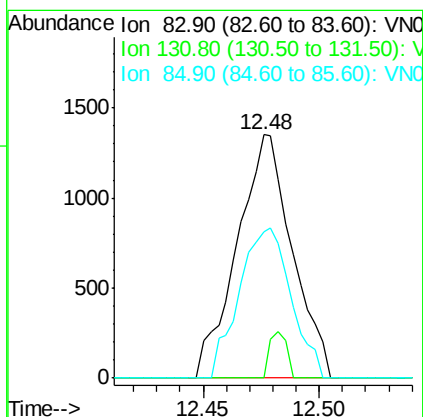
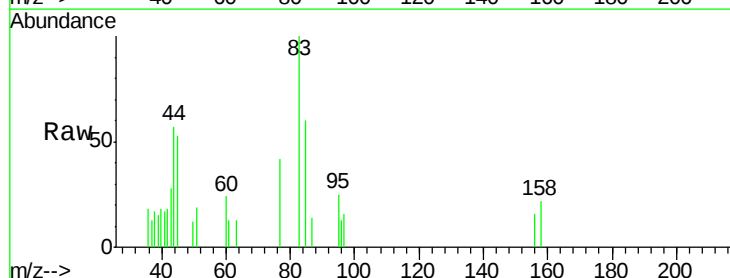
RT: 12.48 min Scan# 3339

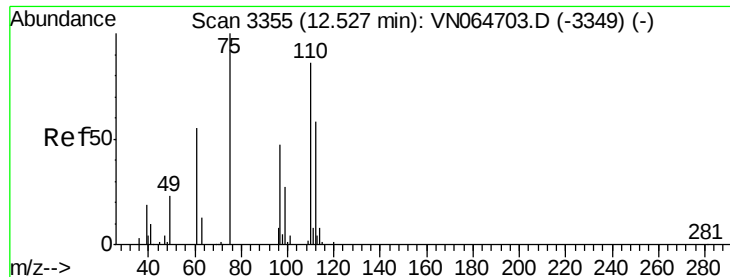
Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	83	Resp:	2233
Ion	Ratio	Lower	Upper
83	100		
131	5.9	5.0	15.0
85	57.9	31.8	95.4





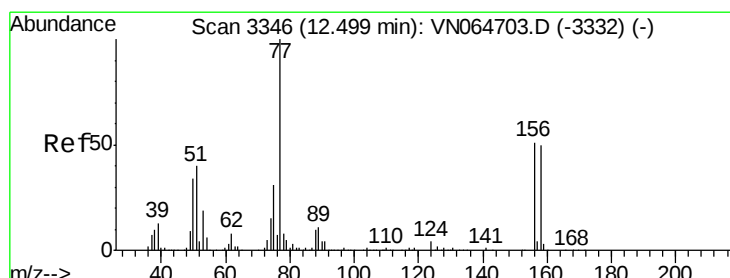
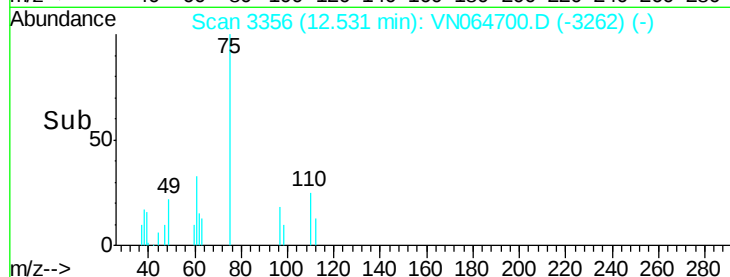
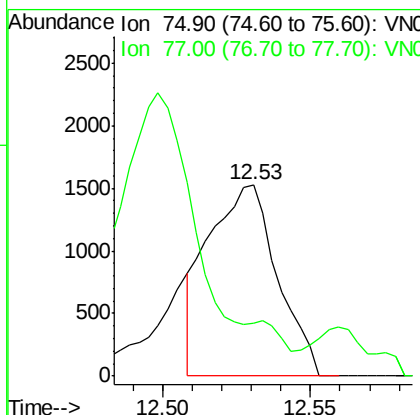
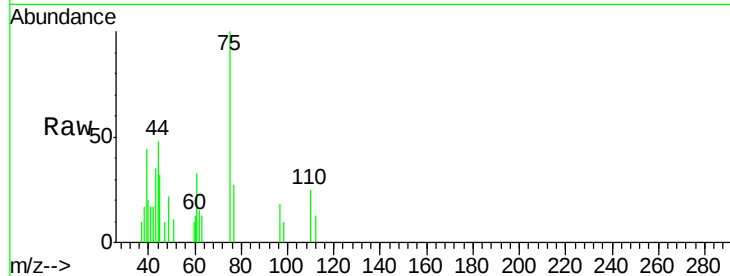
#76
1,2,3-Trichloropropane
Concen: 0.867 ug/l m
RT: 12.53 min Scan# 3356
Delta R.T. 0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampled :
VSTDIC001

Tot Ion: 75 Resp: 2490
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

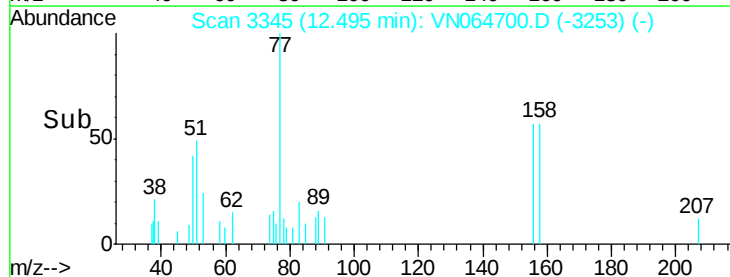
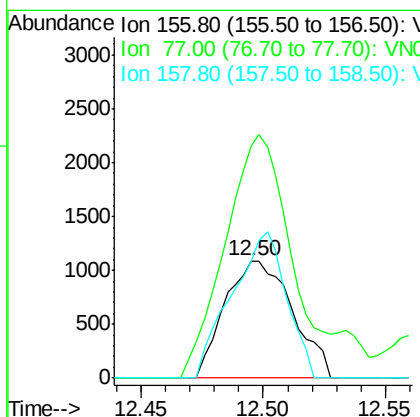
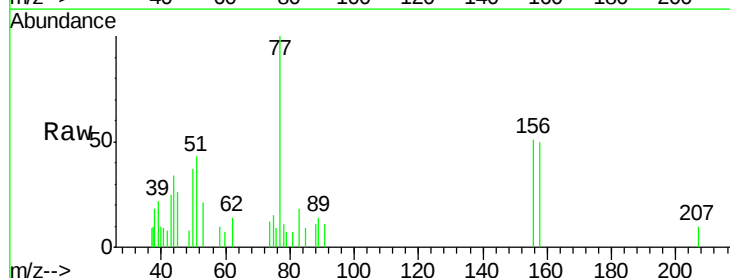
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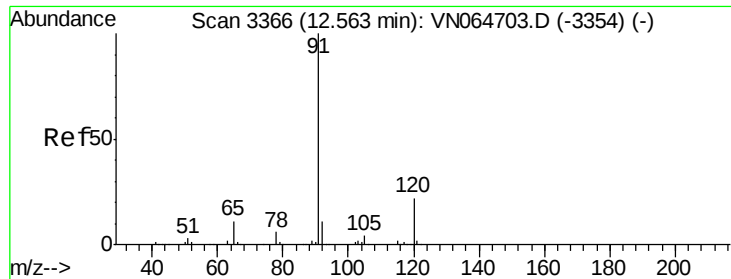
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#77
Bromobenzene
Concen: 0.905 ug/l
RT: 12.50 min Scan# 3345
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion: 156 Resp: 2093
Ion Ratio Lower Upper
156 100
77 200.6 117.3 351.9
158 100.9 49.0 147.2





#78

n-propylbenzene

Concen: 0.714 ug/l

RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 7671

Ion Ratio Lower Upper

91 100

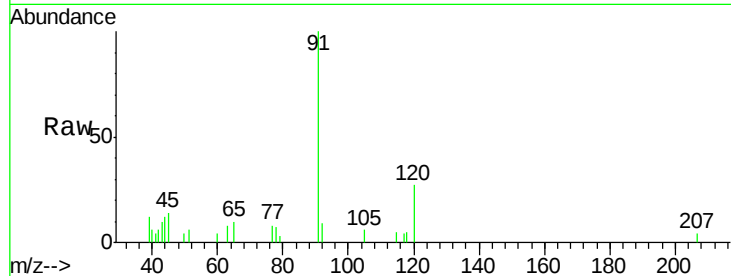
120 22.5 10.9 32.9

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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

12.56

5000

4000

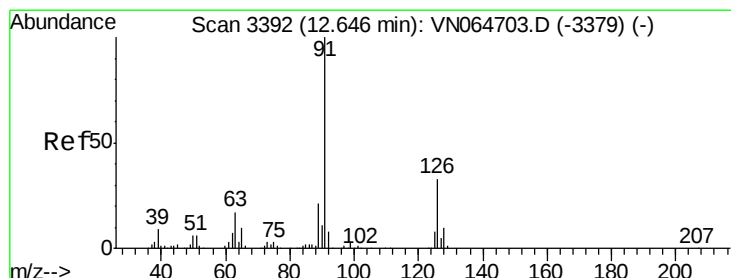
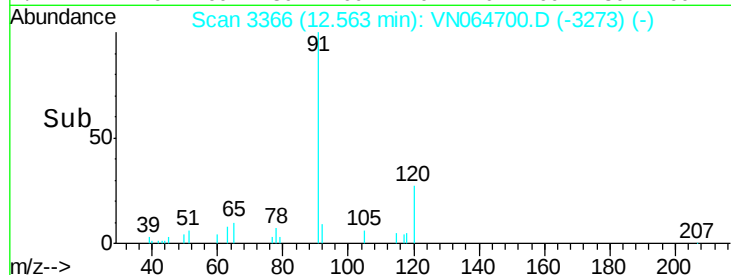
3000

2000

1000

0

Time-->



#79

2-Chlorotoluene

Concen: 0.775 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064700.D

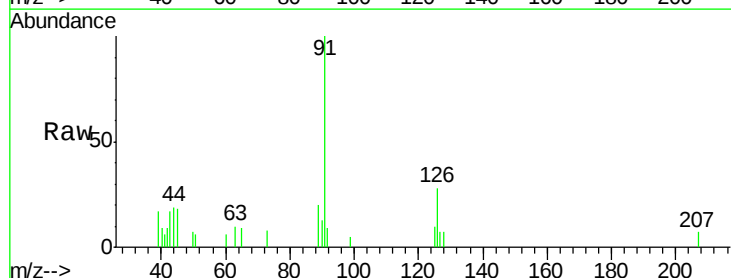
Acq: 18 Nov 2020 11:39

Tgt Ion: 91 Resp: 5304

Ion Ratio Lower Upper

91 100

126 26.0 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

12.65

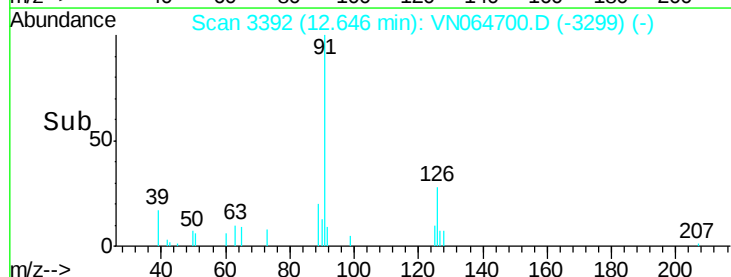
3000

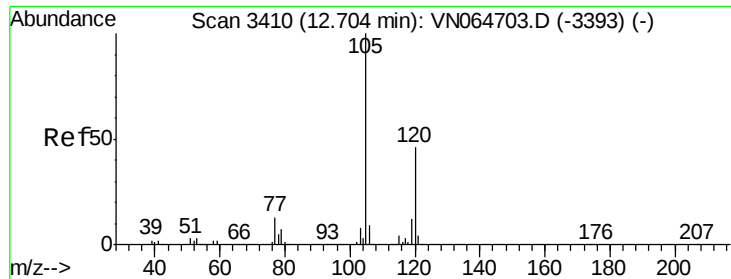
2000

1000

0

Time-->





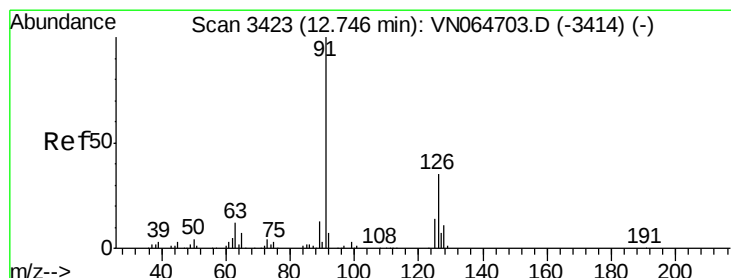
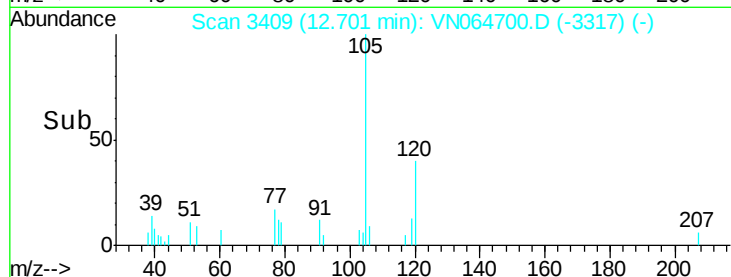
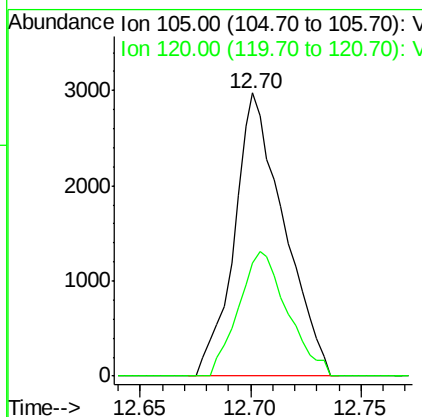
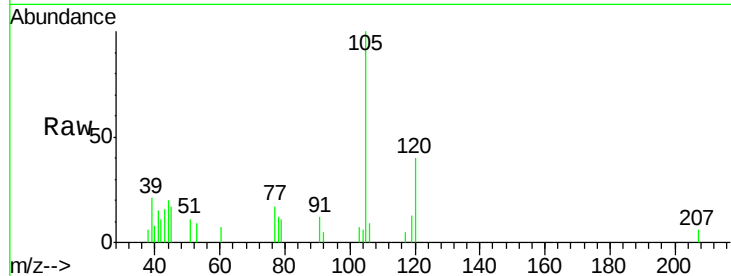
#80
 1,3,5-Trimethylbenzene
 Concen: 0.595 ug/l
 RT: 12.70 min Scan# 3409
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:105 Resp: 4638
 Ion Ratio Lower Upper
 105 100
 120 43.4 22.9 68.8

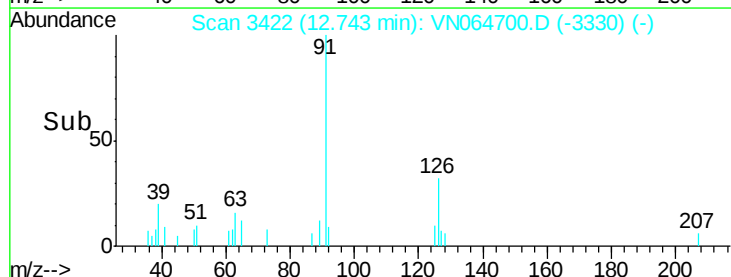
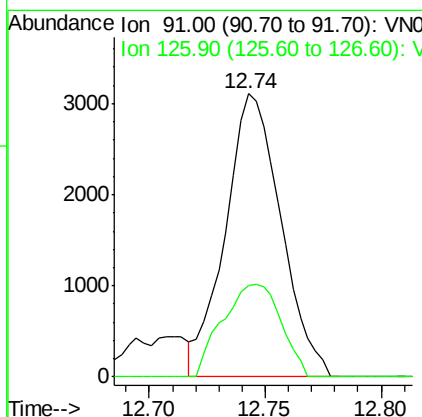
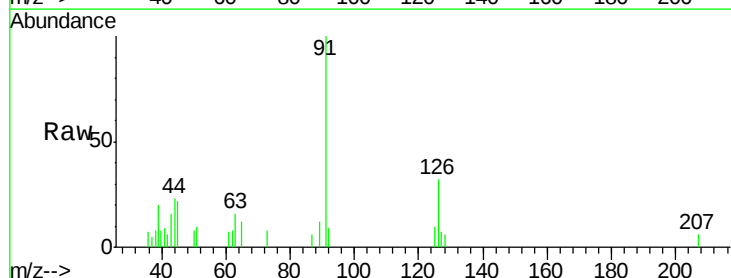
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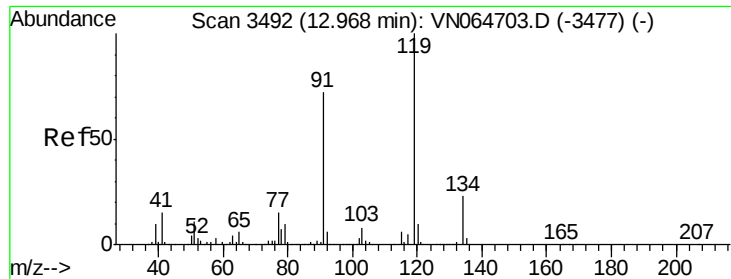
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#82
 4-Chlorotoluene
 Concen: 0.722 ug/l
 RT: 12.74 min Scan# 3422
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion: 91 Resp: 5174
 Ion Ratio Lower Upper
 91 100
 126 34.3 15.9 47.7





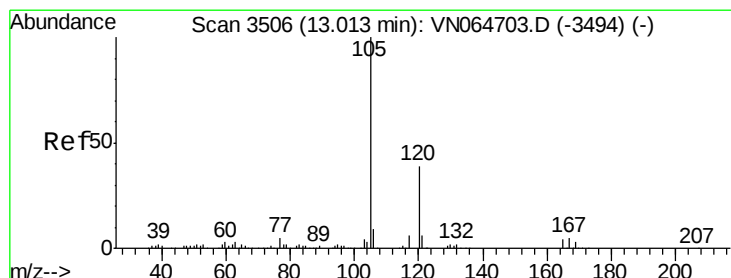
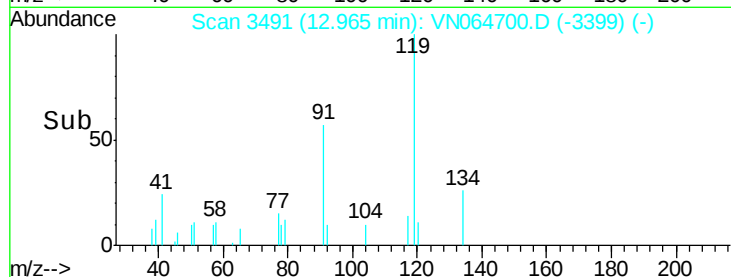
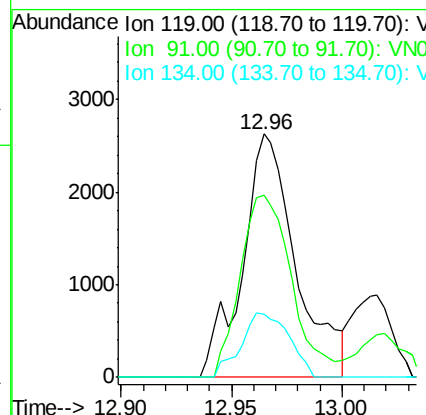
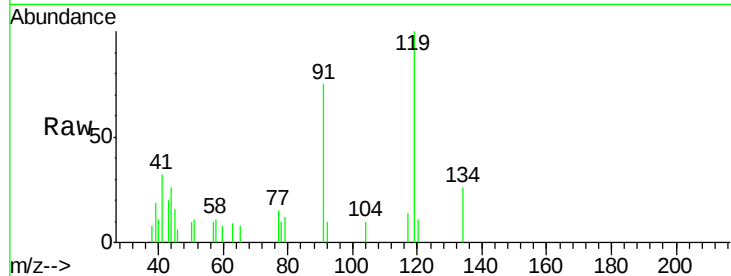
#83
 tert-Butylbenzene
 Concen: 0.729 ug/l
 RT: 12.96 min Scan# 3491
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.6	35.8	107.4
134	23.7	12.0	36.1

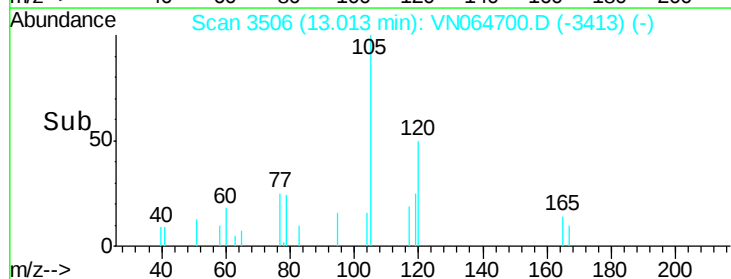
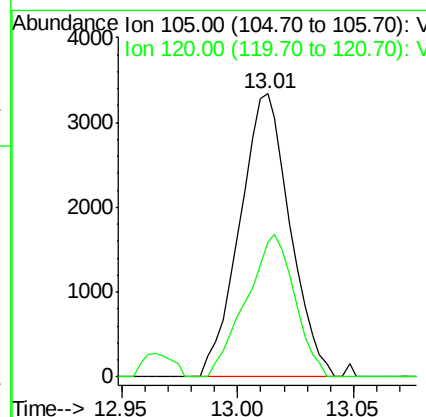
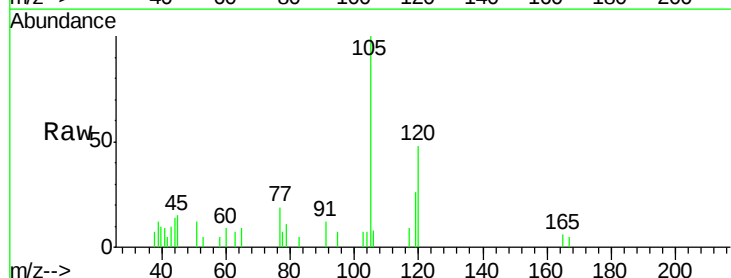
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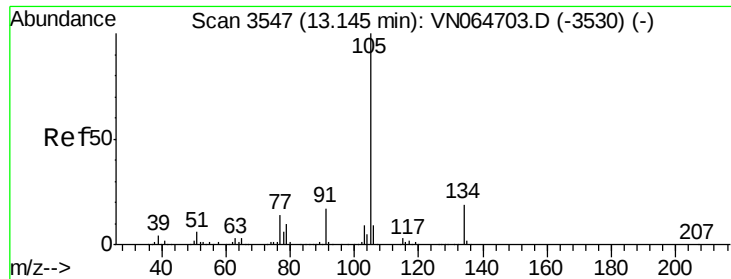
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#84
 1,2,4-Trimethylbenzene
 Concen: 0.642 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
105	100		
120	48.5	22.0	66.0





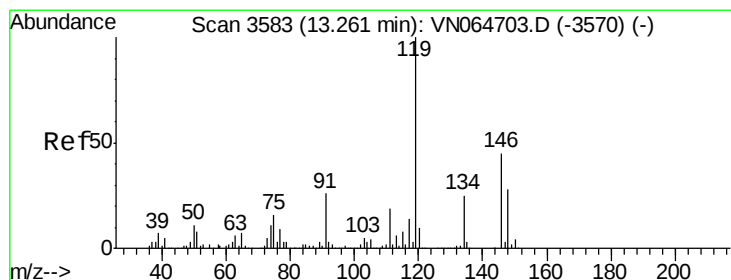
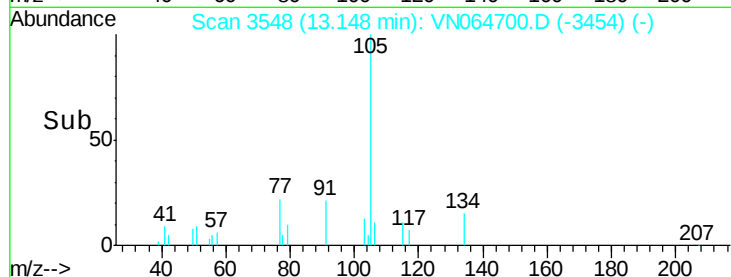
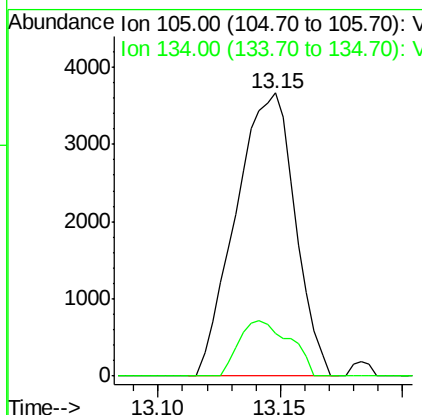
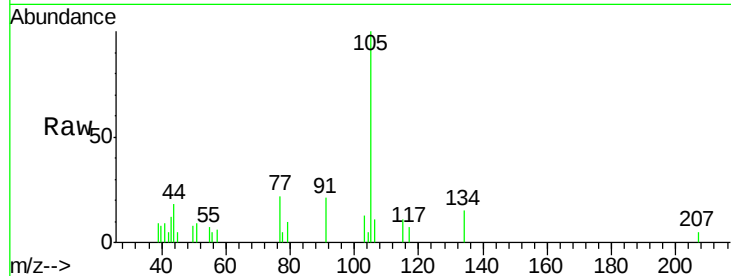
#85
 sec-Butylbenzene
 Concen: 0.798 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
134	16.8	9.5	28.5

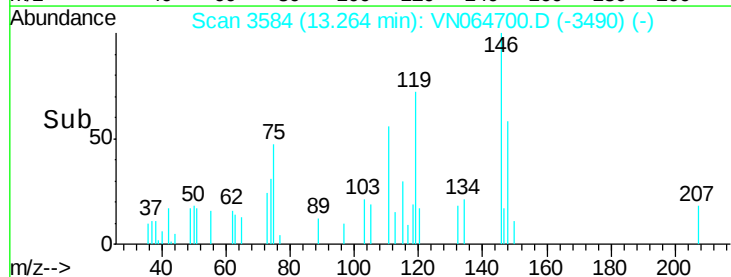
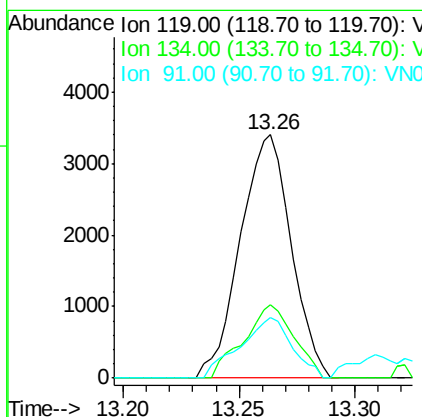
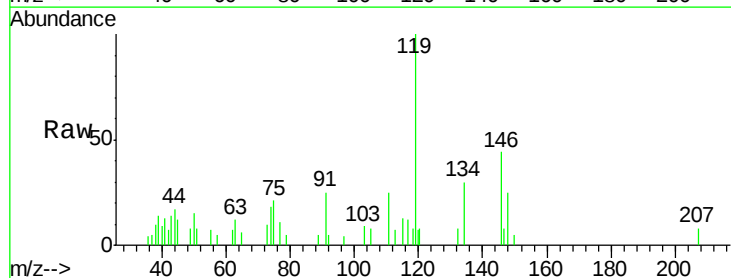
Manual Integrations
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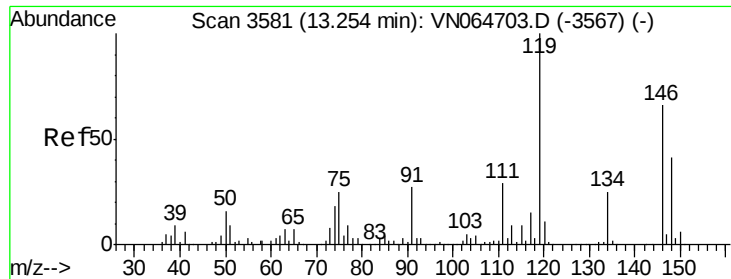
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#86
 p-Isopropyltoluene
 Concen: 0.743 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
119	100		
134	29.8	12.7	38.0
91	25.3	13.3	39.8





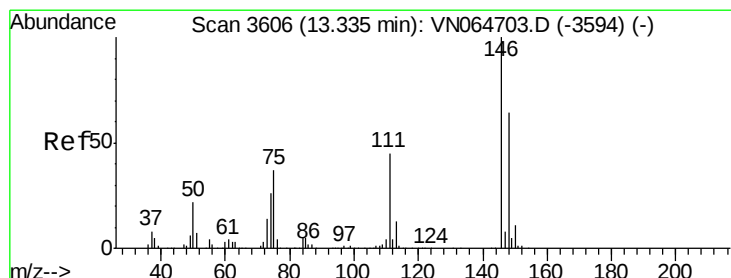
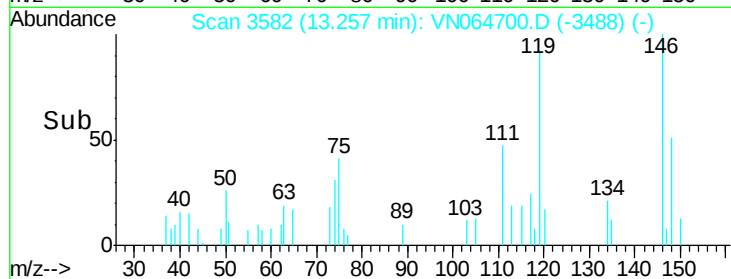
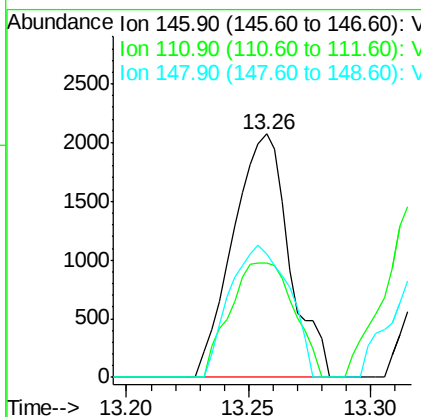
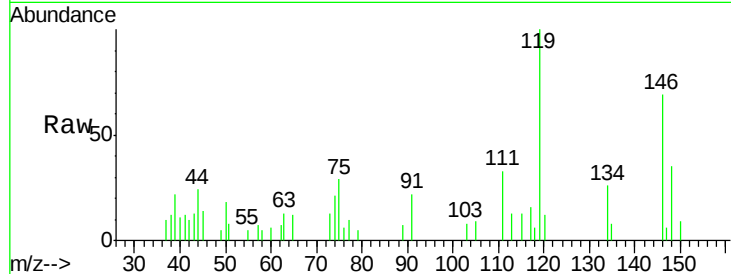
#87
 1,3-Dichlorobenzene
 Concen: 0.826 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	53.5	21.8	65.4
148	57.5	31.5	94.5

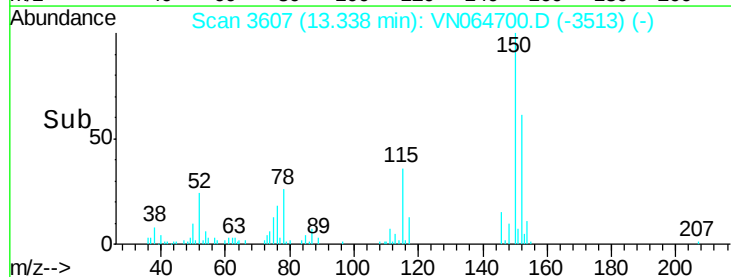
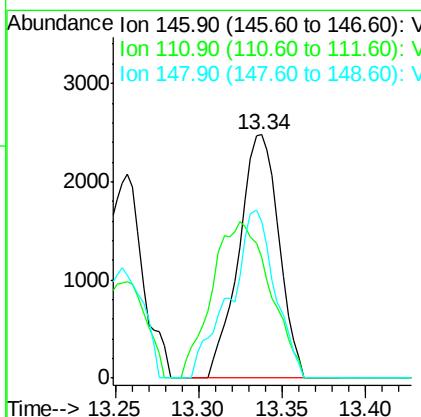
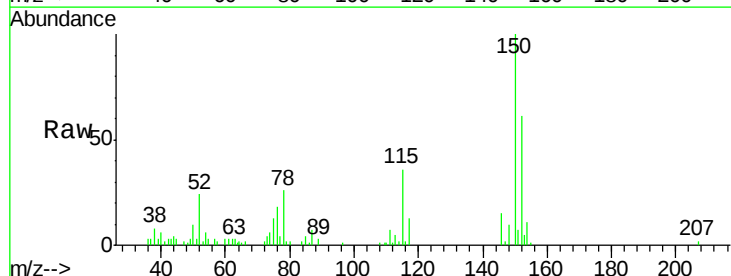
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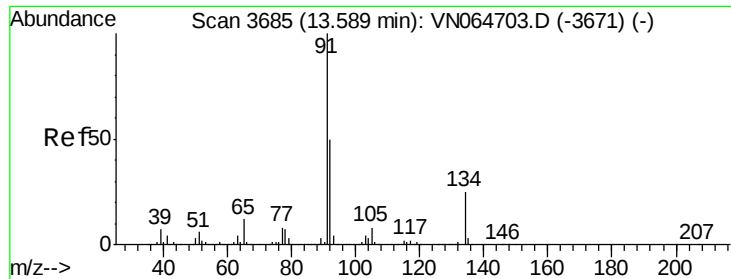
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#88
 1,4-Dichlorobenzene
 Concen: 0.996 ug/l m
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.9	22.3	66.8
148	46.1	31.6	94.7





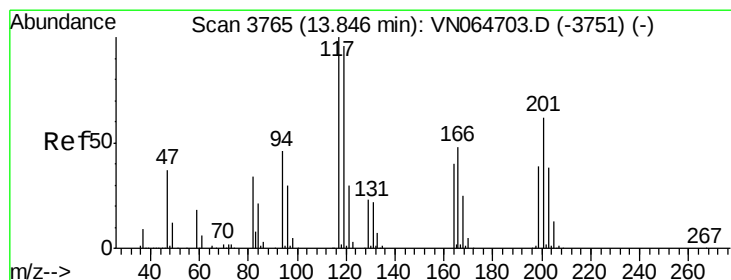
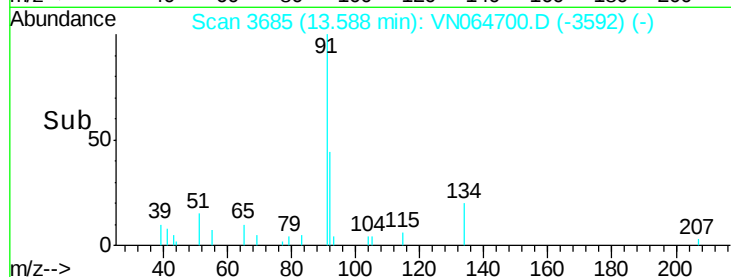
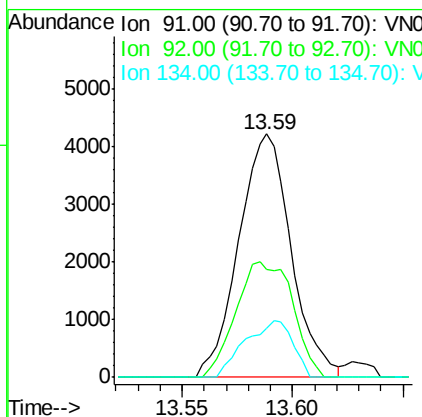
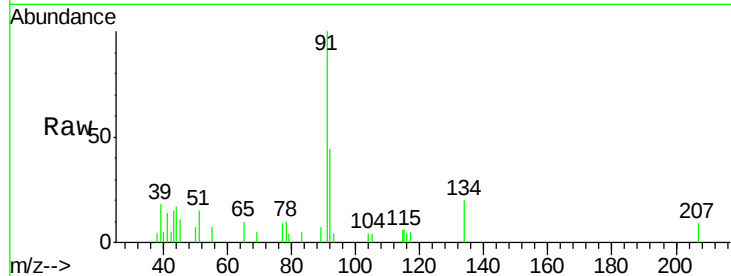
#89
n-Butylbenzene
Concen: 1.154 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.2	24.9	74.8
134	20.9	12.0	36.0

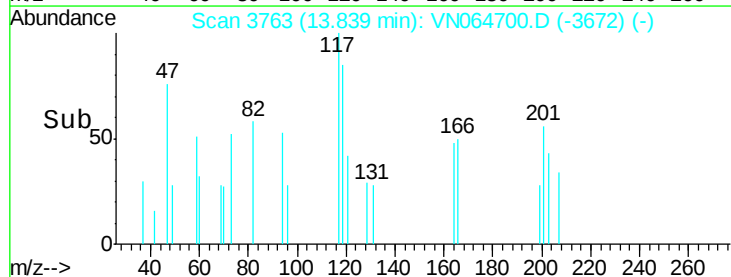
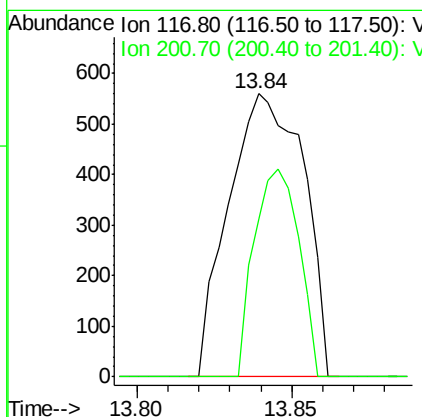
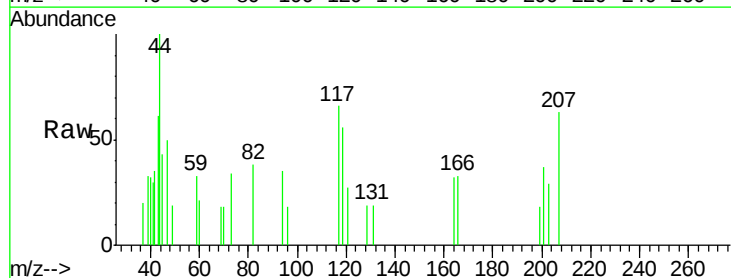
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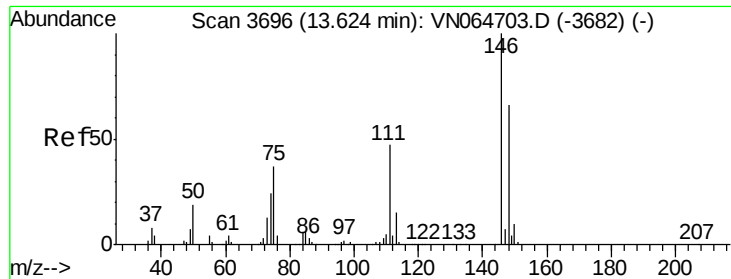
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#90
Hexachloroethane
Concen: 0.719 ug/l
RT: 13.84 min Scan# 3763
Delta R.T. -0.01 min
Lab File: VN064700.D
Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
117	100		
201	43.9	31.9	95.5





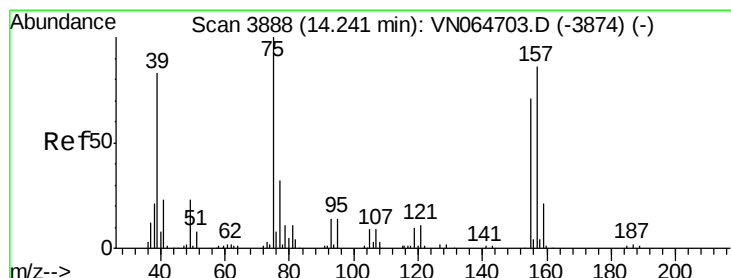
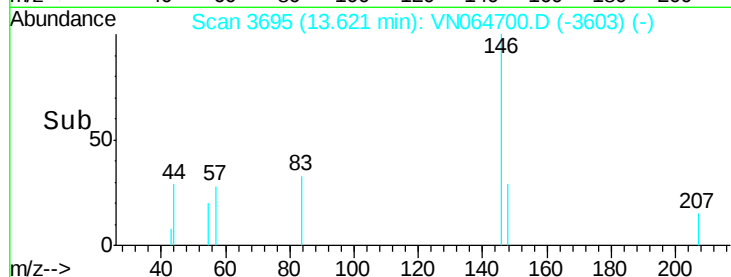
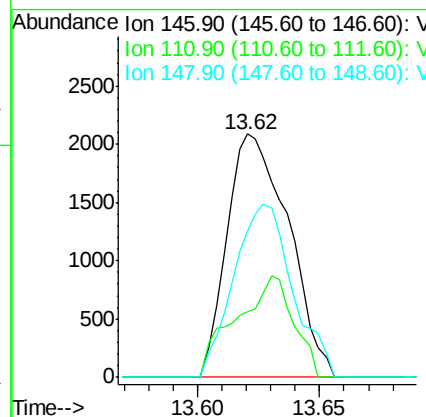
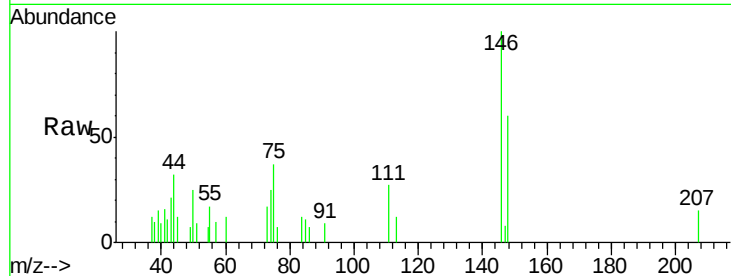
#91
 1,2-Dichlorobenzene
 Concen: 0.949 ug/l
 RT: 13.62 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	23.1	69.3
148	68.1	32.2	96.6

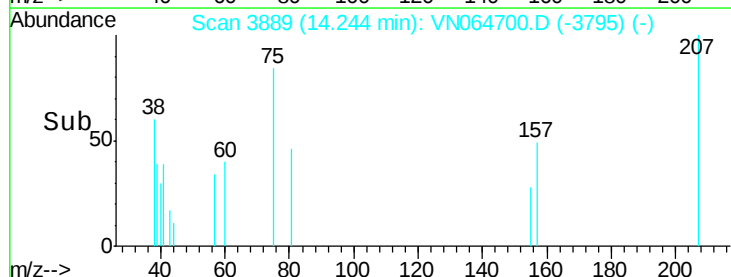
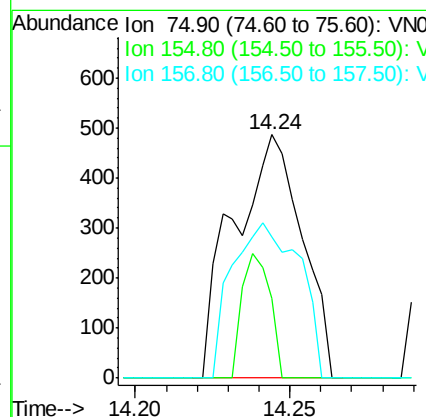
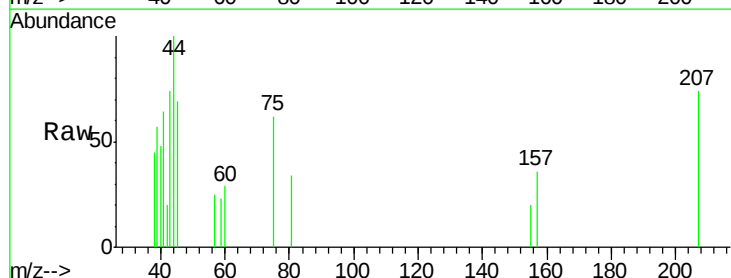
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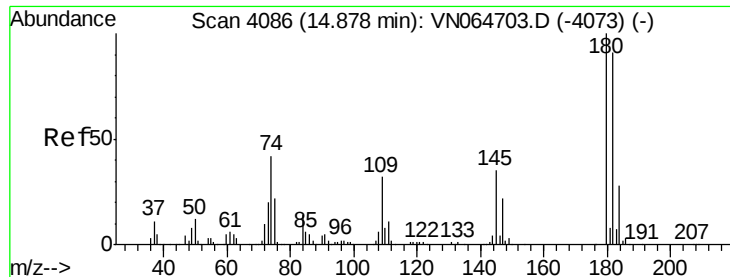
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.283 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
75	100		
155	20.9	33.6	100.6#
157	62.8	42.4	127.2





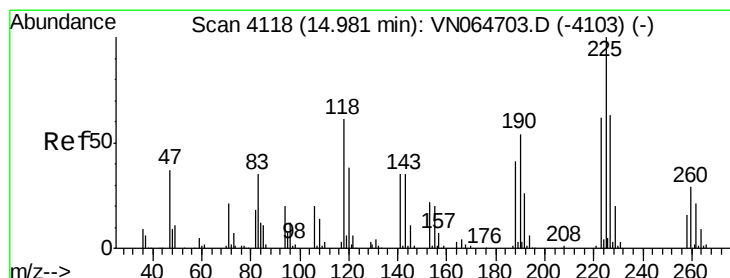
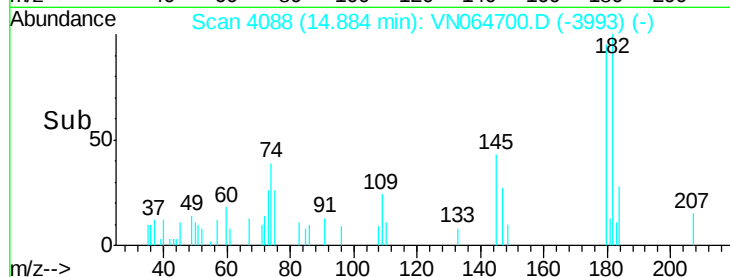
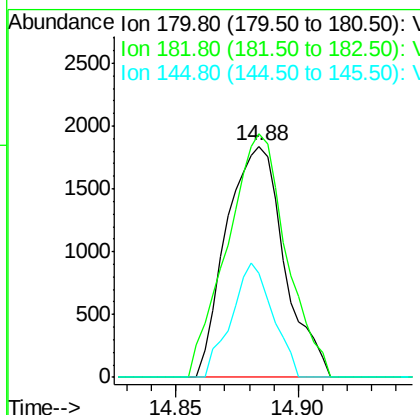
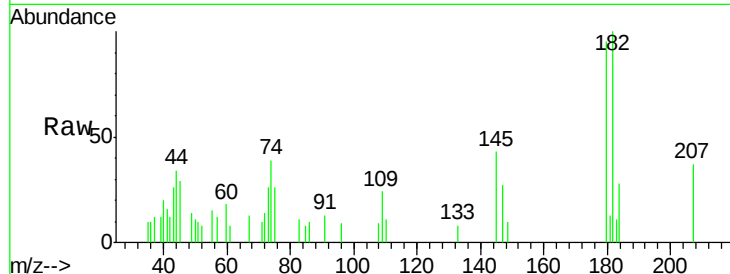
#93
 1,2,4-Trichlorobenzene
 Concen: 1.883 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.01 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	106.8	47.3	141.8
145	35.4	17.5	52.5

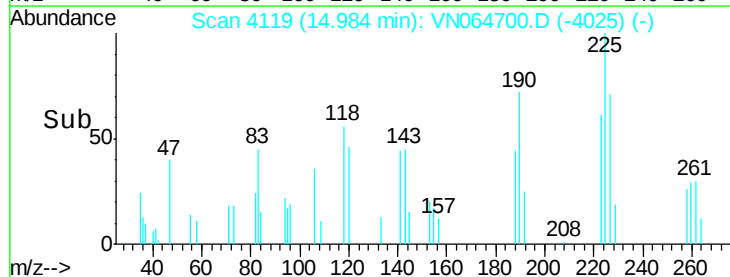
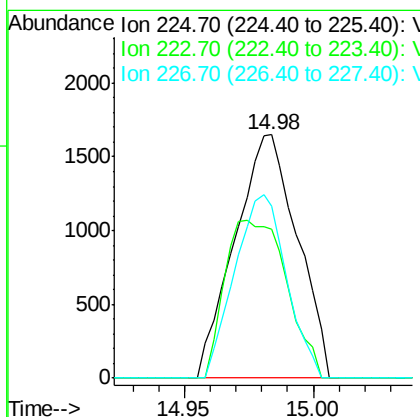
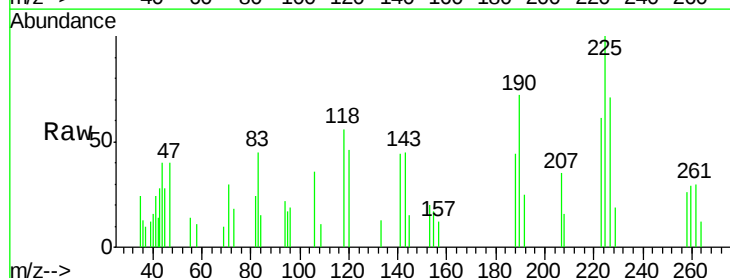
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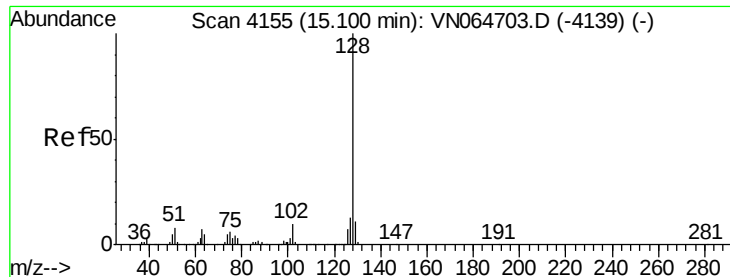
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#94
 Hexachlorobutadiene
 Concen: 3.499 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064700.D
 Acq: 18 Nov 2020 11:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	31.2	93.6
227	62.6	32.1	96.3





#95

Naphthalene

Concen: 1.784 ug/l

RT: 15.10 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Instrument :

MSVOA_N

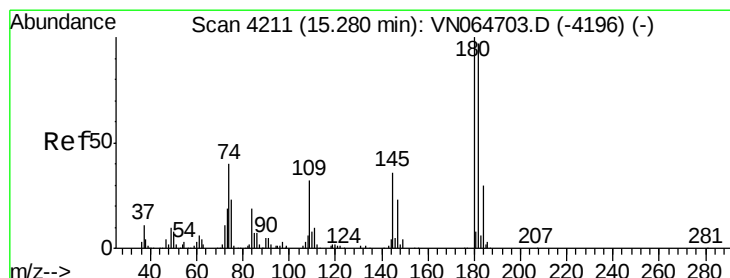
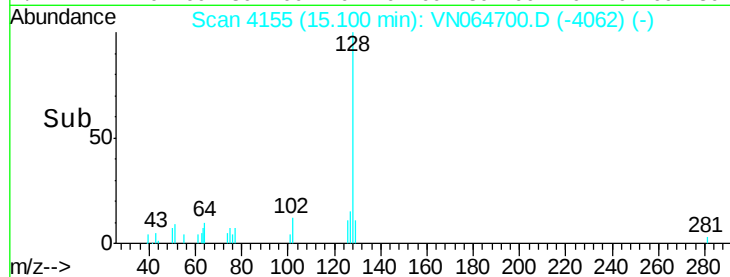
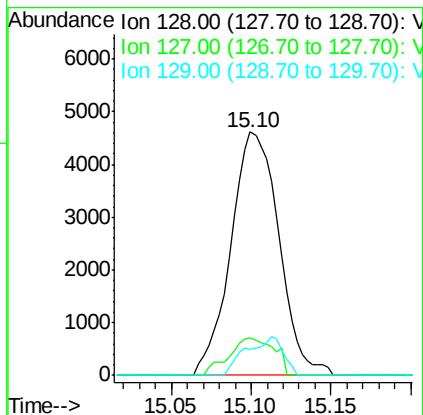
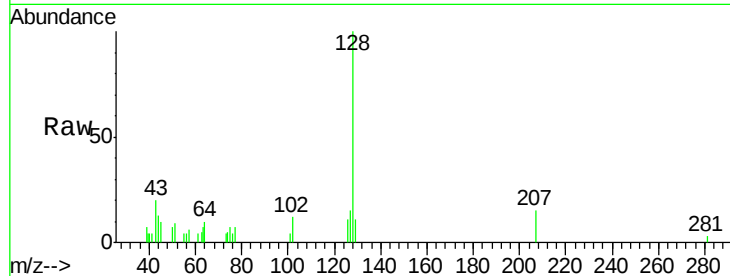
ClientSampleId :

VSTDIC001

Tot Ion:	128	Resp:	9477
Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.8	16.2
129	12.1	8.9	13.3

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 2.000 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064700.D

Acq: 18 Nov 2020 11:39

Tgt Ion:	180	Resp:	3218
Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.5	142.5
145	52.4	18.1	54.1

