

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
 Data File : VN064112.D
 Acq On : 14 Oct 2020 13:17
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 12:17:19 PM

Quant Time: Oct 15 01:02:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 15:55:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	268926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	468929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	427630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	144347	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	2297	0.814	ug/l	99
3) Chloromethane	2.04	50	3238	0.973	ug/l #	71
4) Vinyl Chloride	2.16	62	4492	1.302	ug/l #	78
6) Chloroethane	2.67	64	3603	1.663	ug/l	89
7) Trichlorofluoromethane	2.98	101	5500	1.033	ug/l	90
8) Diethyl Ether	3.37	74	1816m	1.024	ug/l	
9) 1,1,2-Trichlorotrifluoroet	3.73	101	2622	0.931	ug/l #	33
12) 1,1-Dichloroethene	3.69	96	2692	0.991	ug/l #	73
14) Allyl chloride	4.27	41	4921m	1.005	ug/l	
15) Acrylonitrile	4.94	53	6172m	4.495	ug/l	
16) Acetone	3.78	43	7040m	5.305	ug/l	
17) Carbon Disulfide	4.01	76	7134	0.896	ug/l #	85
18) Methyl Acetate	4.29	43	3609m	1.049	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7275m	0.759	ug/l	
20) Methylene Chloride	4.50	84	4380m	1.285	ug/l	
21) trans-1,2-Dichloroethene	4.98	96	2991m	0.977	ug/l	
22) Diisopropyl ether	5.90	45	6985m	0.695	ug/l	
23) Vinyl Acetate	5.85	43	29311m	3.487	ug/l	
24) 1,1-Dichloroethane	5.78	63	5741	0.976	ug/l #	85
25) 2-Butanone	6.79	43	8864m	4.666	ug/l	
26) 2,2-Dichloropropane	6.77	77	5372	1.014	ug/l #	58
27) cis-1,2-Dichloroethene	6.78	96	3691m	1.050	ug/l	
28) Bromochloromethane	7.15	49	3040m	1.063	ug/l	
29) Tetrahydrofuran	7.18	42	5015	3.992	ug/l #	81
30) Chloroform	7.32	83	5930	0.961	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	4662	0.844	ug/l #	49
36) 1,1-Dichloropropene	7.75	75	4510	0.951	ug/l #	69
37) Ethyl Acetate	6.90	43	4294m	0.924	ug/l	
38) Carbon Tetrachloride	7.73	117	4433	0.839	ug/l	94
39) Methylcyclohexane	9.05	83	3137	0.680	ug/l	93
40) Benzene	8.00	78	12869	0.941	ug/l #	86
41) Methacrylonitrile	7.12	41	1529m	0.759	ug/l	
42) 1,2-Dichloroethane	8.08	62	4488	0.789	ug/l	97
43) Isopropyl Acetate	8.13	43	6212	0.820	ug/l	92

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Quant Time: Oct 15 01:02:47 2020
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.81	130	3077	0.856	ug/l	61
45) 1,2-Dichloropropane	9.09	63	3274	0.895	ug/l #	83
46) Dibromomethane	9.17	93	2664	1.049	ug/l #	81
47) Bromodichloromethane	9.37	83	4476	0.862	ug/l	99
48) Methyl methacrylate	9.17	41	2627	0.701	ug/l #	78
49) 1,4-Dioxane	9.17	88	960	18.018	ug/l #	65
51) 4-Methyl-2-Pentanone	9.95	43	17060	3.826	ug/l	95
52) Toluene	10.12	92	6635	0.784	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	4024	0.727	ug/l	91
54) cis-1,3-Dichloropropene	9.81	75	4956	0.854	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	3069	0.906	ug/l	92
56) Ethyl methacrylate	10.40	69	2952	0.622	ug/l #	80
57) 1,3-Dichloropropane	10.68	76	5177	0.908	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.66	63	7643	3.029	ug/l	97
59) 2-Hexanone	10.73	43	9544	2.890	ug/l	92
60) Dibromochloromethane	10.87	129	3246	0.821	ug/l	98
61) 1,2-Dibromoethane	10.98	107	2821	0.811	ug/l	89
64) Tetrachloroethene	10.60	164	2831	0.846	ug/l #	84
65) Chlorobenzene	11.41	112	8244	0.929	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.48	131	2982	0.880	ug/l #	61
67) Ethyl Benzene	11.48	91	11962	0.751	ug/l	97
68) m/p-Xylenes	11.60	106	7411	1.240	ug/l	87
69) o-Xylene	11.93	106	3699	0.662	ug/l	97
70) Styrene	11.94	104	5785	0.611	ug/l #	86
71) Bromoform	12.10	173	1877	0.726	ug/l #	95
73) Isopropylbenzene	12.23	105	9623	0.913	ug/l	99
74) N-amyl acetate	12.05	43	3638m	0.855	ug/l	
75) 1,1,2,2-Tetrachloroethane	12.48	83	4105	1.263	ug/l	89
76) 1,2,3-Trichloropropane	12.53	75	4147m	1.302	ug/l	
77) Bromobenzene	12.50	156	2623	0.998	ug/l	80
78) n-propylbenzene	12.57	91	10392	0.848	ug/l	92
79) 2-Chlorotoluene	12.65	91	7202	0.953	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	6821	0.771	ug/l	92
82) 4-Chlorotoluene	12.75	91	6497	0.832	ug/l	89
83) tert-Butylbenzene	12.97	119	5635	0.779	ug/l	87
84) 1,2,4-Trimethylbenzene	13.02	105	5801	0.660	ug/l	97
85) sec-Butylbenzene	13.14	105	7238	0.764	ug/l	96
86) p-Isopropyltoluene	13.26	119	5274	0.630	ug/l	91
87) 1,3-Dichlorobenzene	13.26	146	3968	0.841	ug/l	91
88) 1,4-Dichlorobenzene	13.34	146	4474m	0.910	ug/l	
89) n-Butylbenzene	13.59	91	4735m	0.621	ug/l	
90) Hexachloroethane	13.84	117	1526	0.958	ug/l	90
91) 1,2-Dichlorobenzene	13.63	146	4138	0.881	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	810	1.092	ug/l	63
93) 1,2,4-Trichlorobenzene	14.90	180	965	0.385	ug/l #	45
94) Hexachlorobutadiene	14.98	225	1086	0.748	ug/l	94
95) Naphthalene	15.10	128	2756	0.361	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.29	180	909	0.360	ug/l #	87

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Quant Title : SW846 8260
QLast Update : Wed Oct 14 15:55:06 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

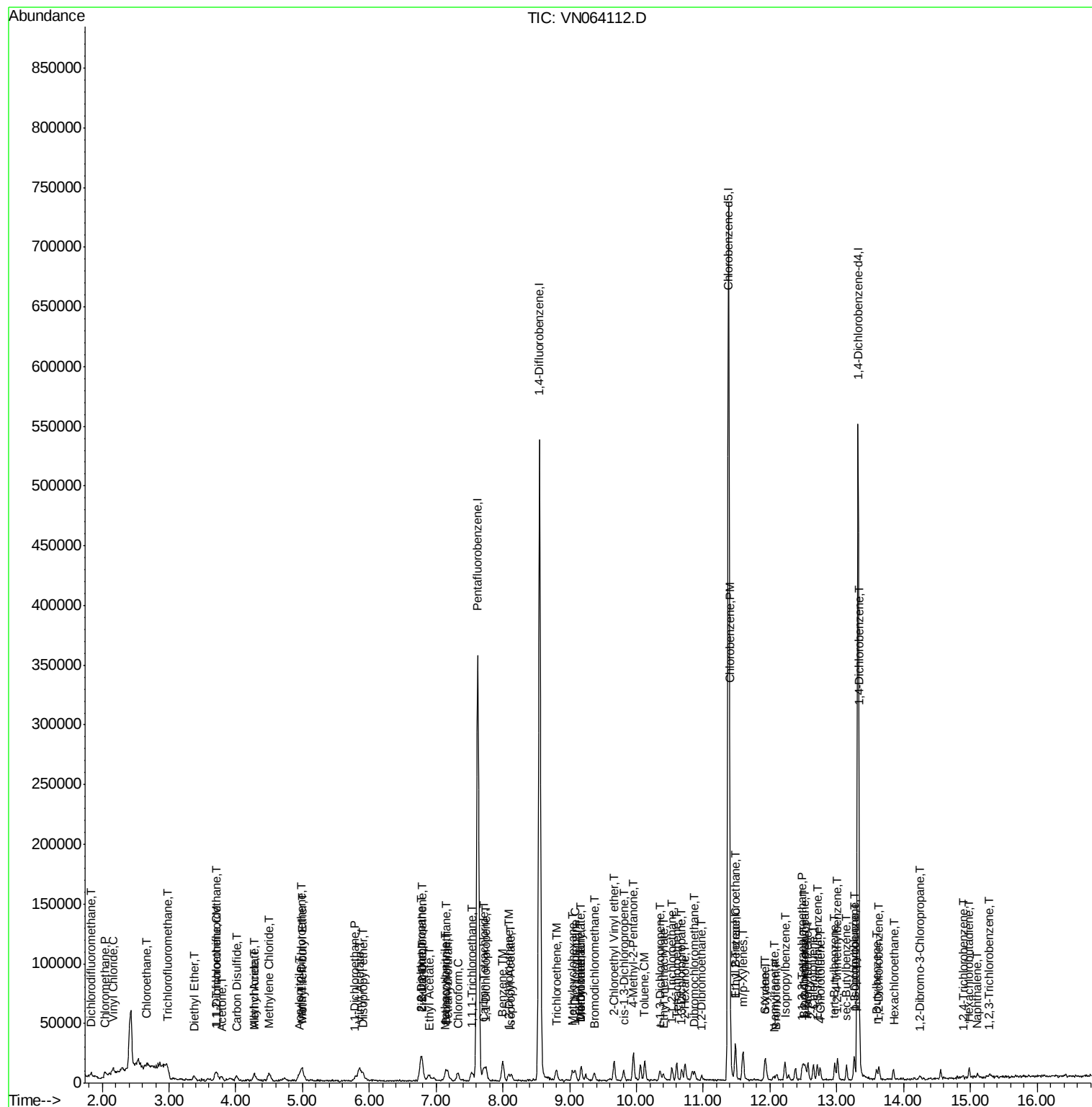
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101420\
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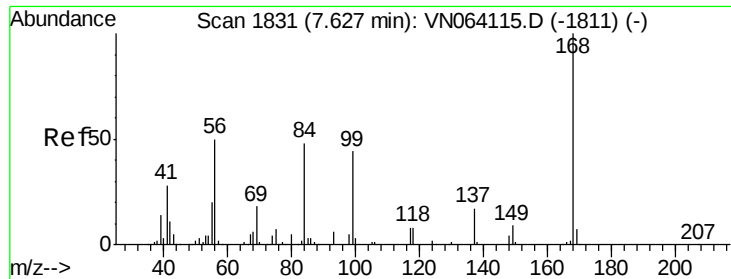
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:168 Resp: 268926

Ion Ratio Lower Upper

168 100

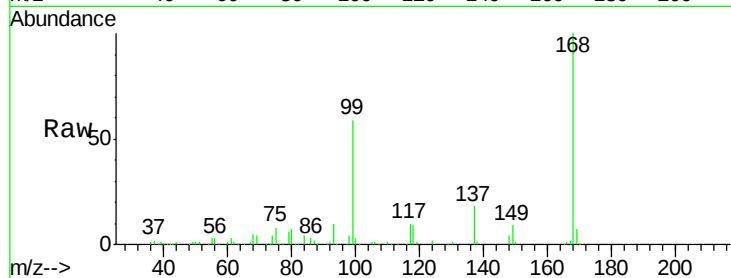
99 59.0 43.6 65.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

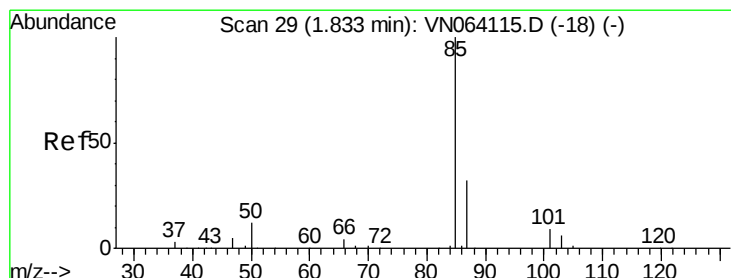
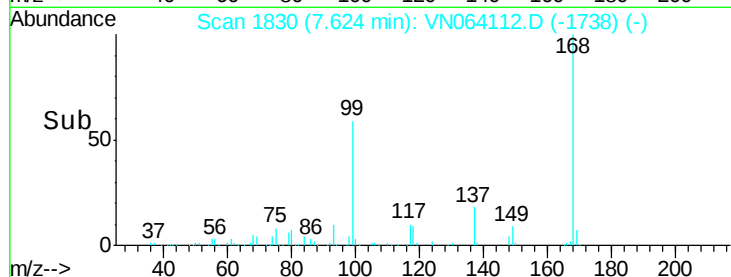
7.62

100000

50000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 0.814 ug/l

RT: 1.83 min Scan# 28

Delta R.T. -0.00 min

Lab File: VN064112.D

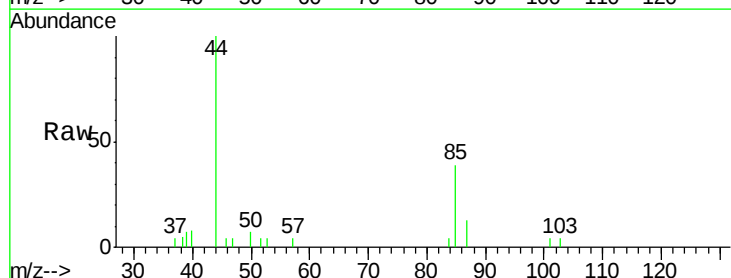
Acq: 14 Oct 2020 13:17

Tgt Ion: 85 Resp: 2297

Ion Ratio Lower Upper

85 100

87 32.7 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

2000

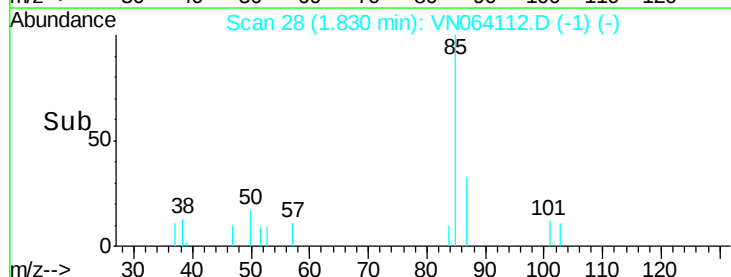
1500

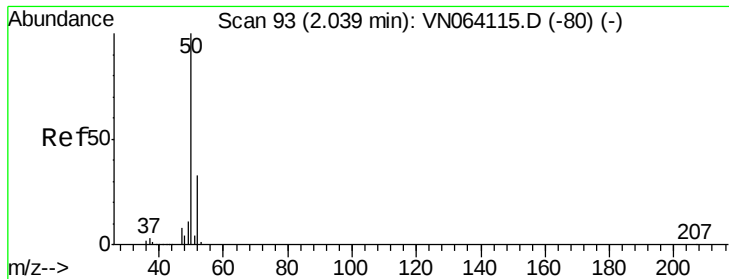
1000

500

0

Time--> 1.80 1.85





#3

Chloromethane

Concen: 0.973 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 50 Resp: 3238

Ion Ratio Lower Upper

50 100

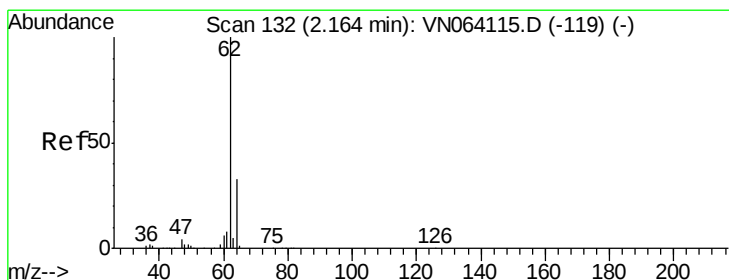
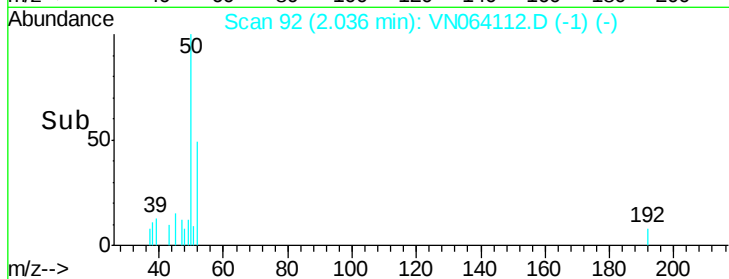
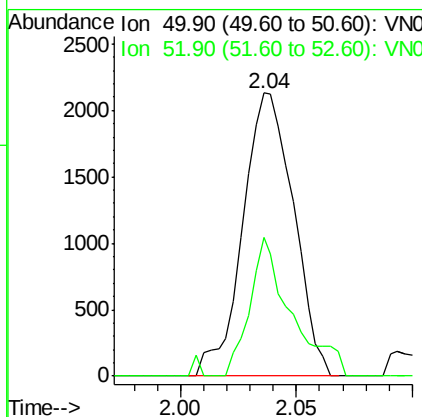
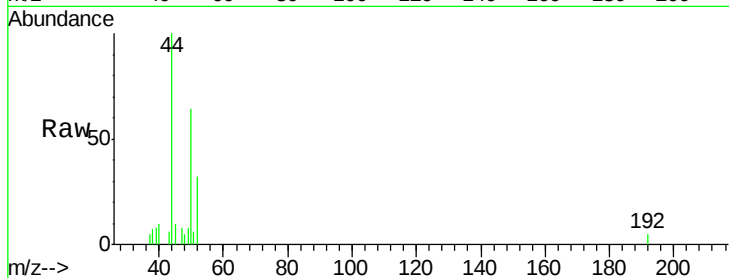
52 49.1 26.1 39.1#

Manual Integrations

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#4

Vinyl Chloride

Concen: 1.302 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064112.D

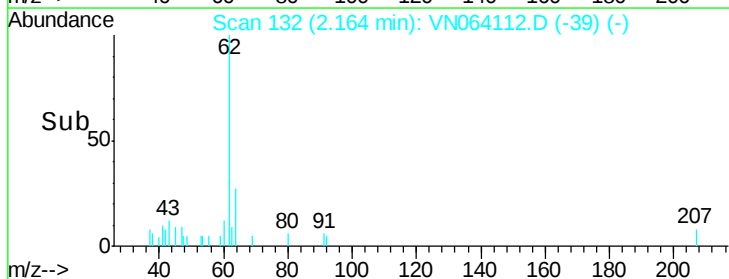
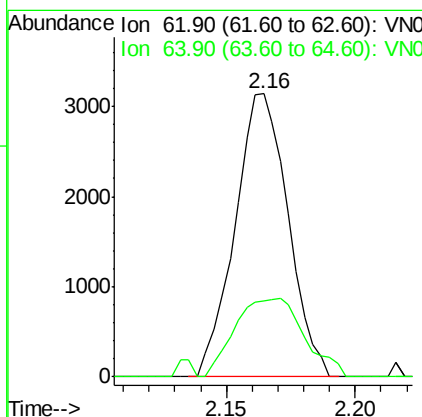
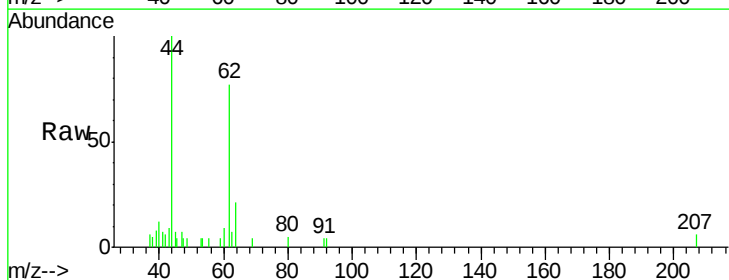
Acq: 14 Oct 2020 13:17

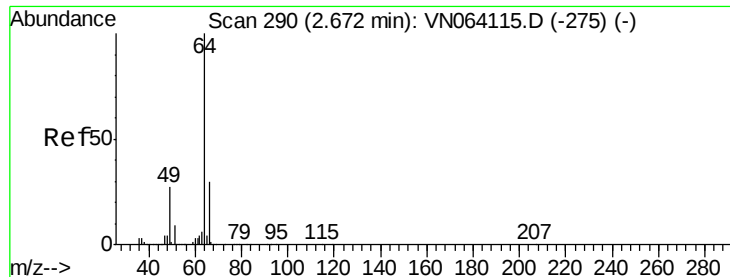
Tgt Ion: 62 Resp: 4492

Ion Ratio Lower Upper

62 100

64 20.2 26.2 39.4#





#6

Chloroethane

Concen: 1.663 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 64 Resp: 3603

Ion Ratio Lower Upper

64 100

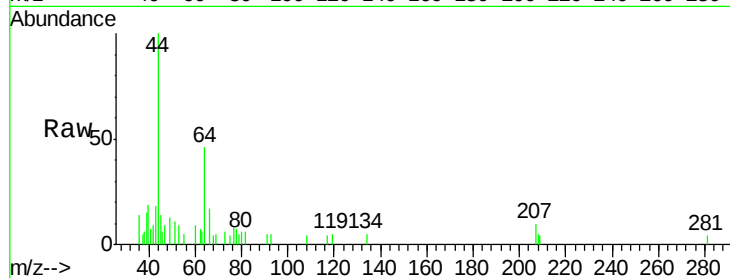
66 36.2 24.2 36.2

Manual Integrations

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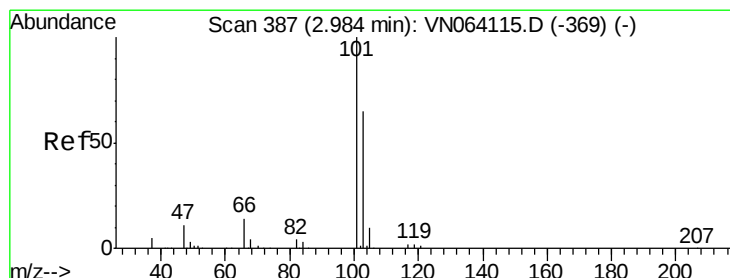
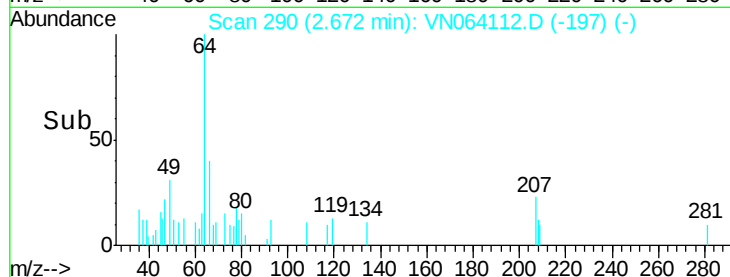
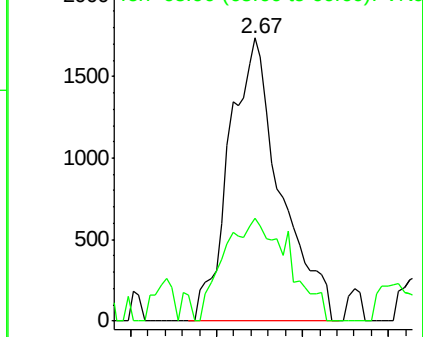
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Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



#7

Trichlorofluoromethane

Concen: 1.033 ug/l

RT: 2.98 min Scan# 387

Delta R.T. 0.00 min

Lab File: VN064112.D

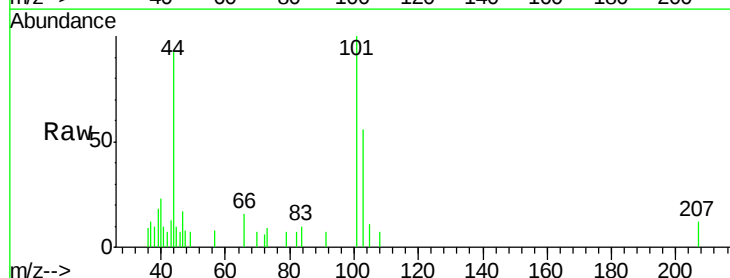
Acq: 14 Oct 2020 13:17

Tgt Ion: 101 Resp: 5500

Ion Ratio Lower Upper

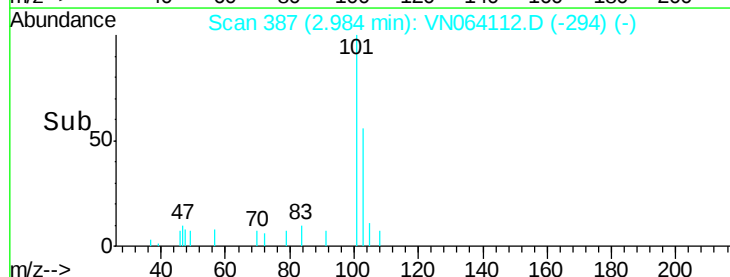
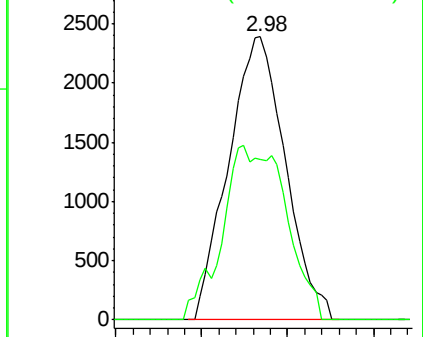
101 100

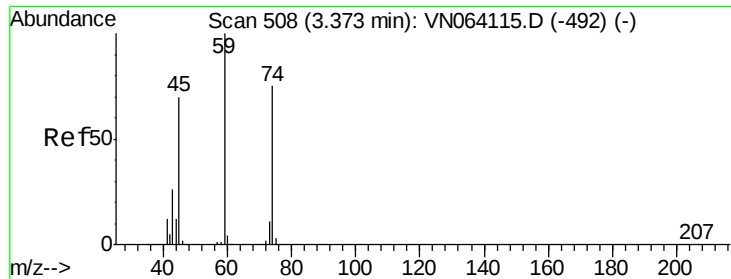
103 56.5 51.8 77.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V





#8

Diethyl Ether

Concen: 1.024 ug/l m

RT: 3.37 min Scan# 506

Delta R.T. -0.01 min

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ClientSampleId :

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Tot Ion: 74 Resp: 1816

Ion Ratio Lower Upper

74 100

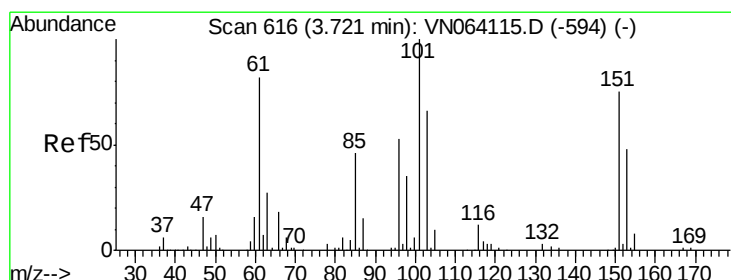
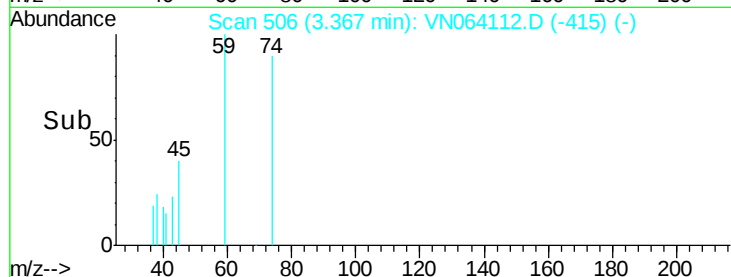
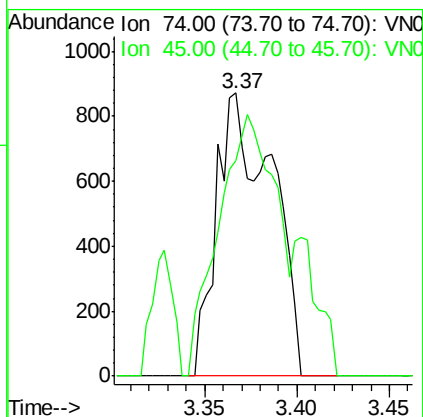
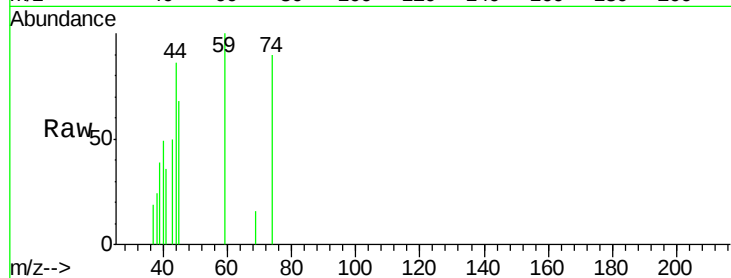
45 96.0 47.0 141.0

Manual Integrations

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#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.931 ug/l

RT: 3.73 min Scan# 618

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

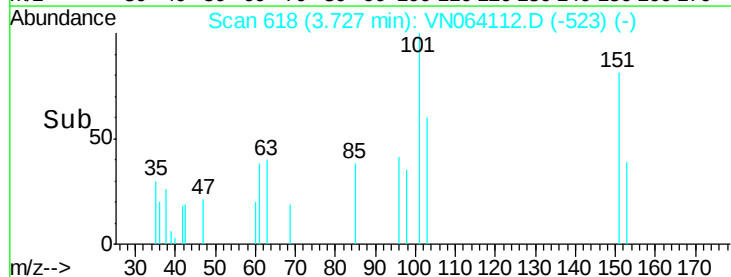
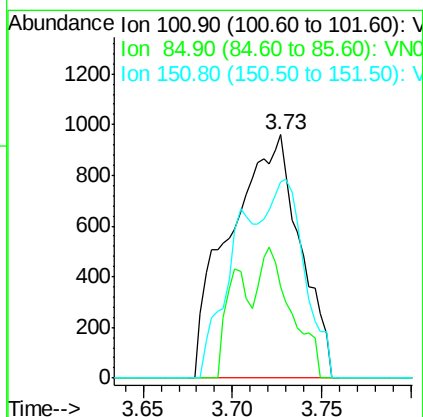
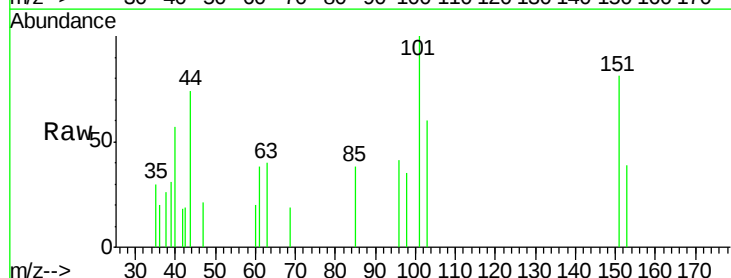
Tgt Ion: 101 Resp: 2622

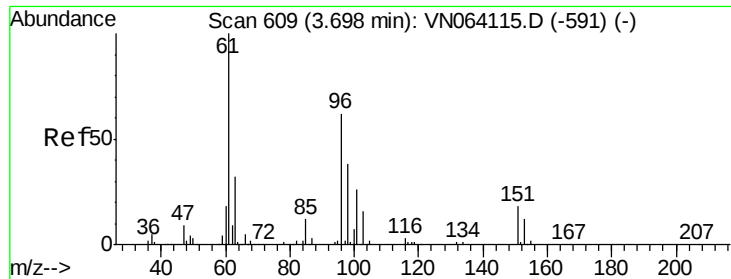
Ion Ratio Lower Upper

101 100

85 25.2 36.9 55.3#

151 0.0 60.7 91.1#





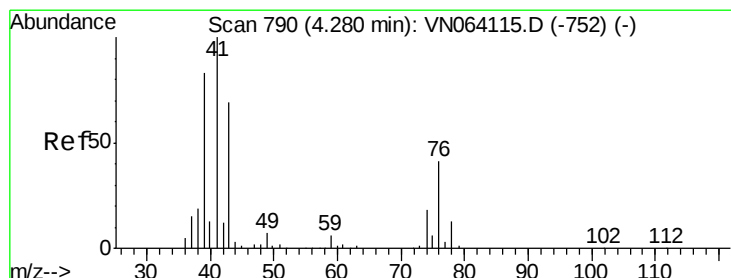
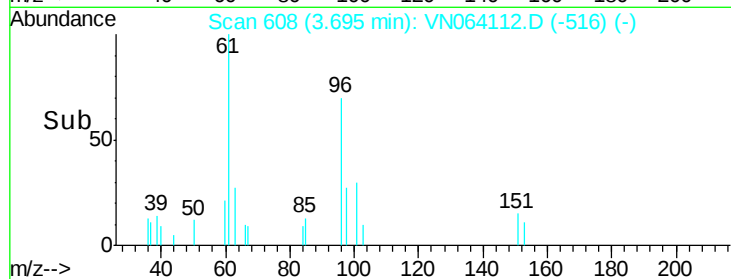
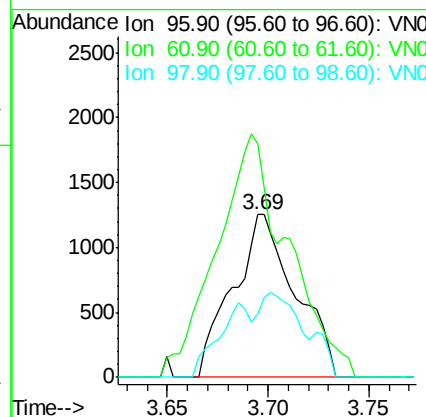
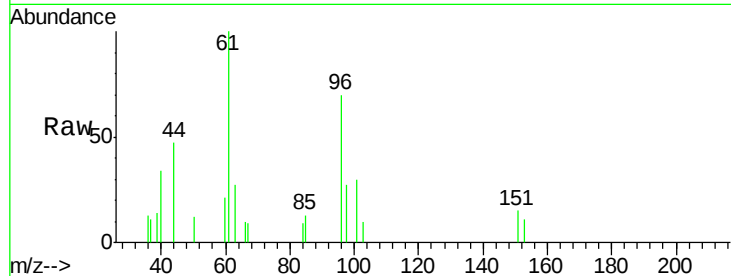
#12
 1,1-Dichloroethene
 Concen: 0.991 ug/l
 RT: 3.69 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.6	129.9	194.9#
98	38.5	48.9	73.3#

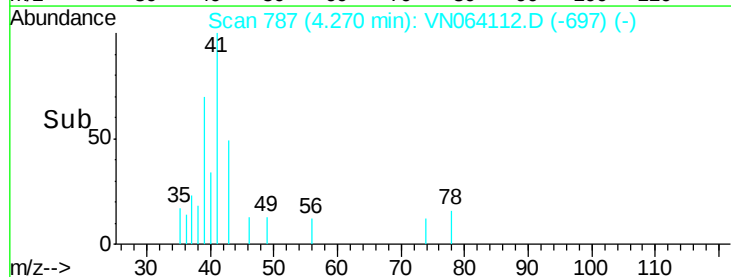
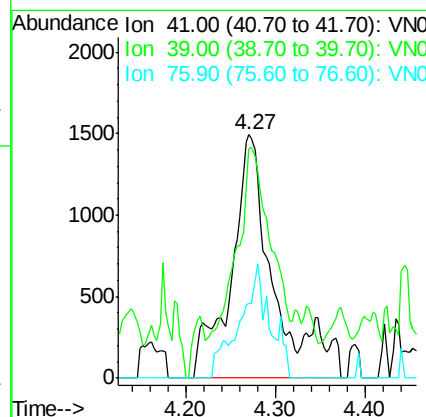
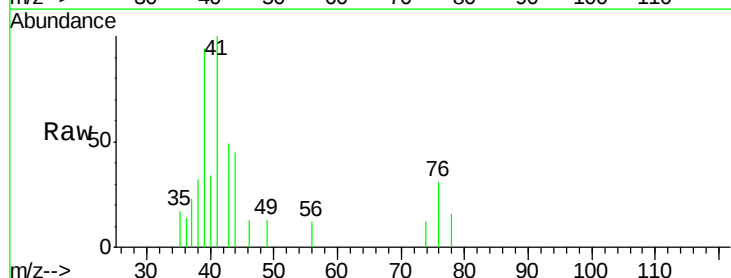
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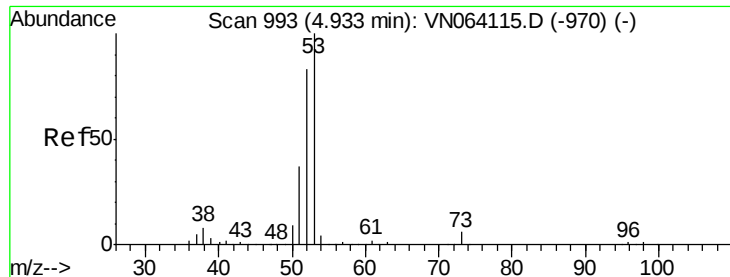
MMDadoda
 10/15/2020 12:17:19 PM



#14
 Allyl chloride
 Concen: 1.005 ug/l m
 RT: 4.27 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
41	100		
39	57.3	60.5	90.7#
76	15.0	29.5	44.3#





#15

Acrylonitrile

Concen: 4.495 ug/l m

RT: 4.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

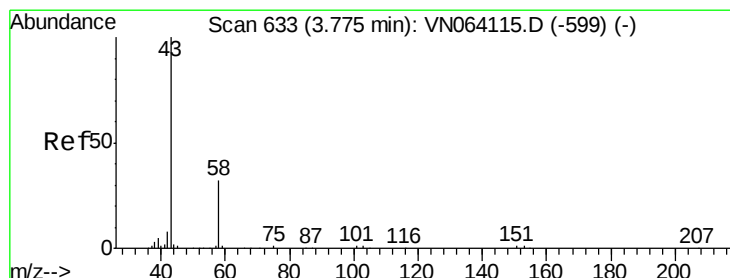
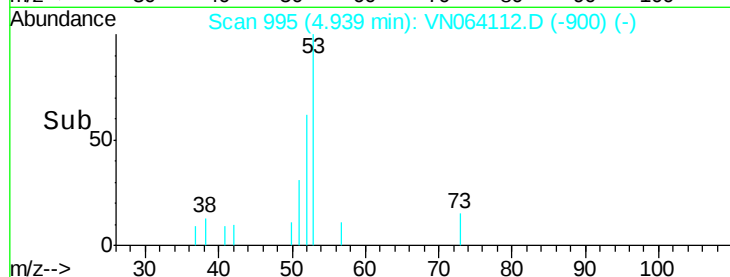
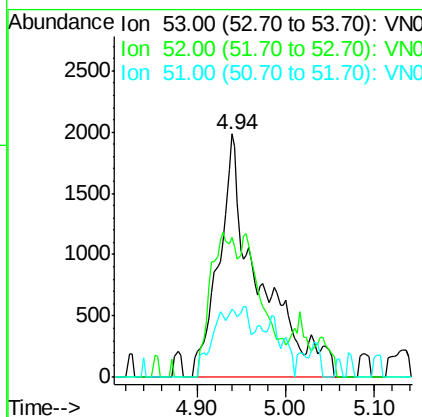
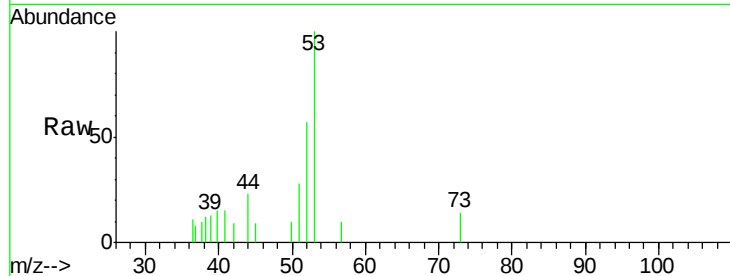
ClientSampleId :

VSTDIC001

Tot Ion:	53	Resp:	6172
Ion	Ratio	Lower	Upper
53	100		
52	38.4	65.8	98.6#
51	10.7	29.4	44.2#

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#16

Acetone

Concen: 5.305 ug/l m

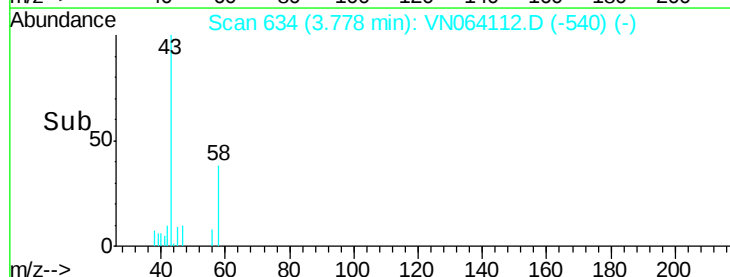
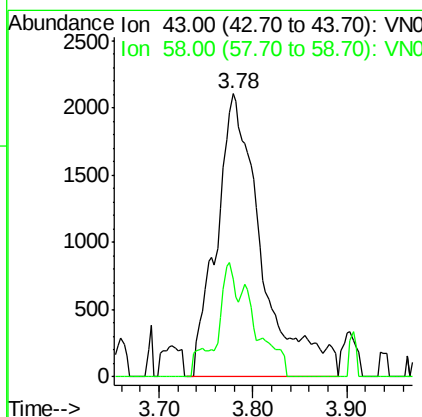
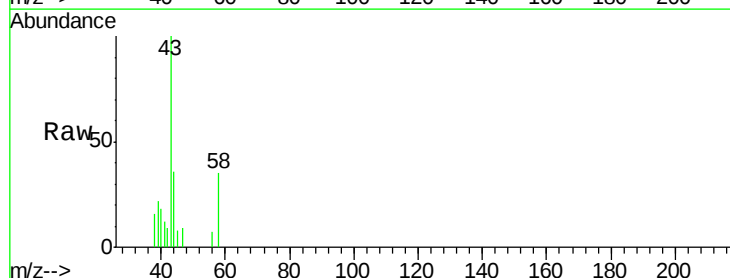
RT: 3.78 min Scan# 634

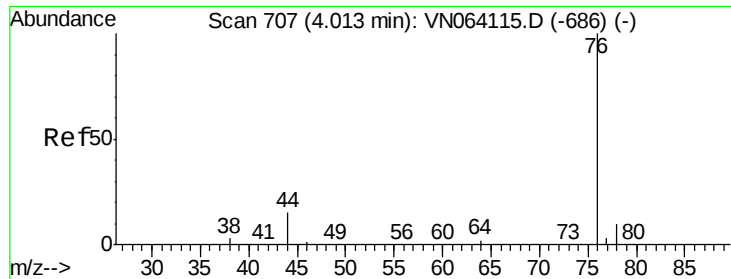
Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion:	43	Resp:	7040
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.2	37.8





#17

Carbon Disulfide

Concen: 0.896 ug/l

RT: 4.01 min Scan# 706

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 76 Resp: 7134

Ion Ratio Lower Upper

76 100

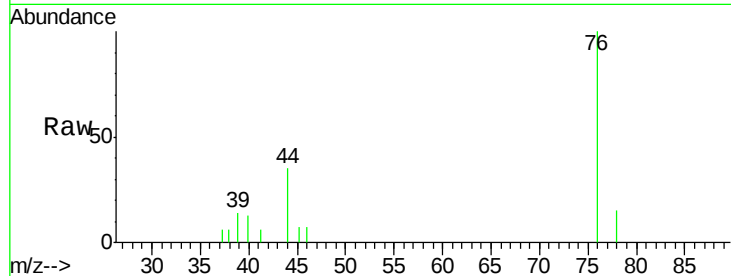
78 15.1 7.6 11.4#

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Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO

4.01

3000

2500

2000

1500

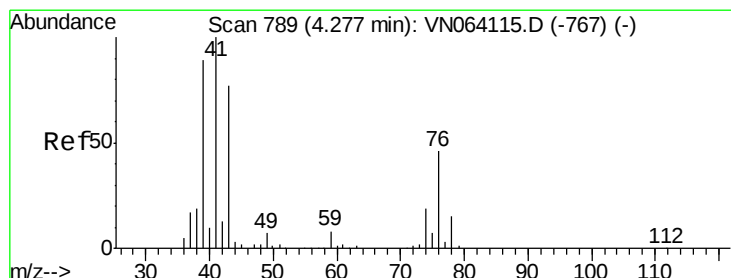
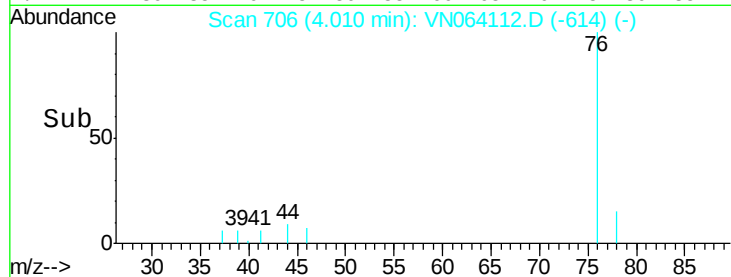
1000

500

0

Time-->

3.95 4.00 4.05



#18

Methyl Acetate

Concen: 1.049 ug/l m

RT: 4.29 min Scan# 794

Delta R.T. 0.02 min

Lab File: VN064112.D

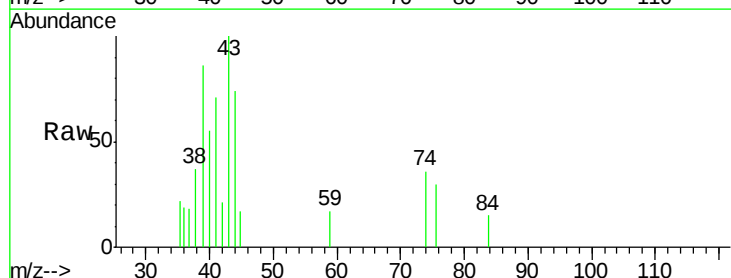
Acq: 14 Oct 2020 13:17

Tgt Ion: 43 Resp: 3609

Ion Ratio Lower Upper

43 100

74 15.8 19.7 29.5#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.29

1000

800

600

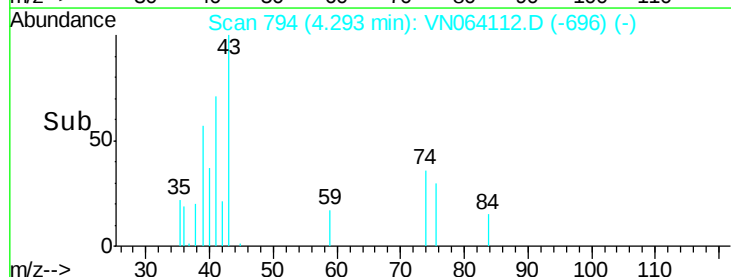
400

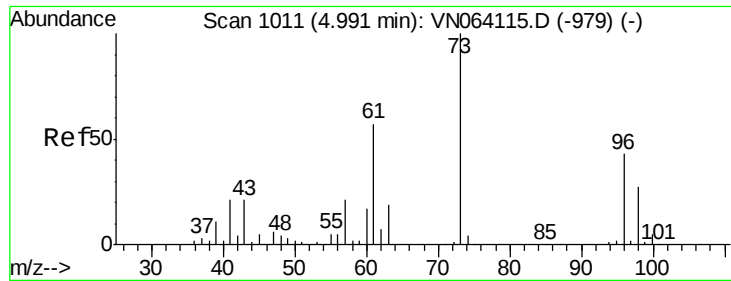
200

0

Time-->

4.20 4.25 4.30 4.35 4.40





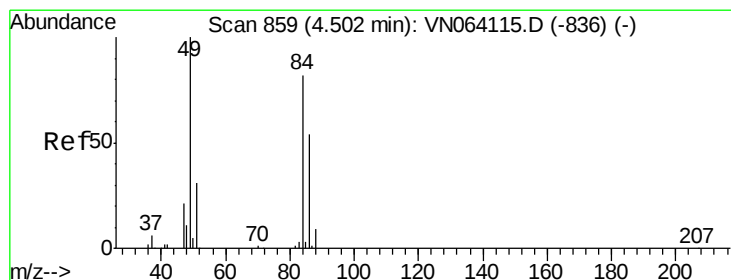
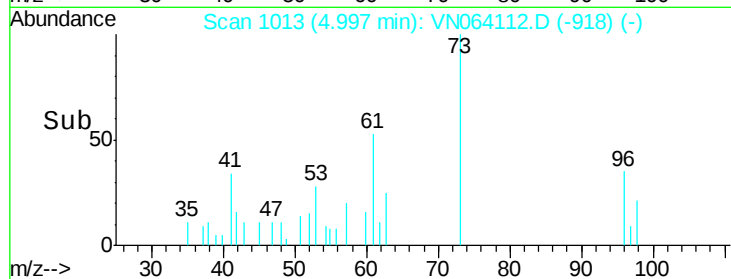
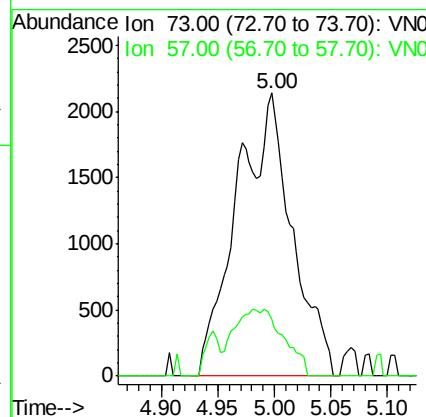
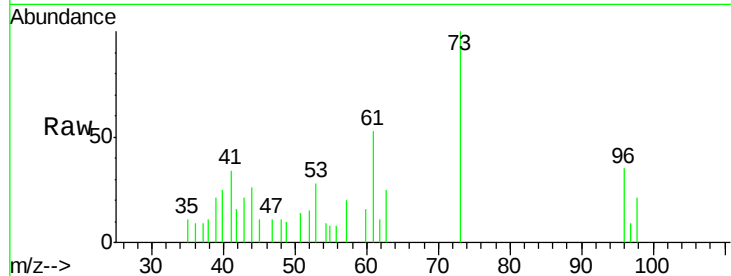
#19
Methvl tert-butvl Ether
Concen: 0.759 ug/l m
RT: 5.00 min Scan# 1013
Delta R.T. 0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 73 Resp: 7275
Ion Ratio Lower Upper
73 100
57 20.1 17.0 25.4

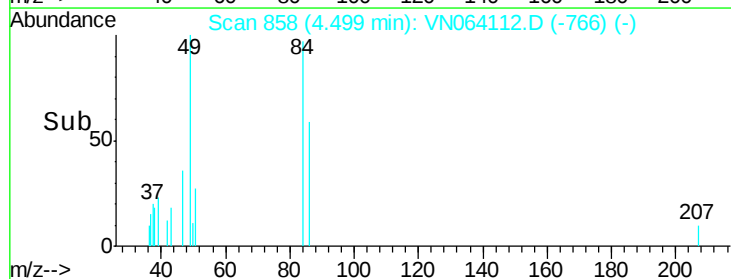
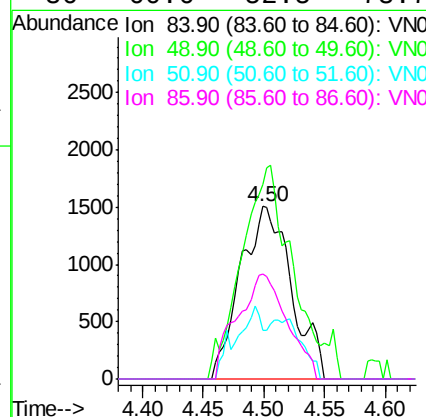
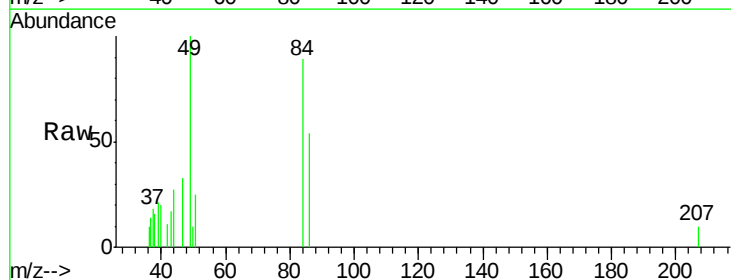
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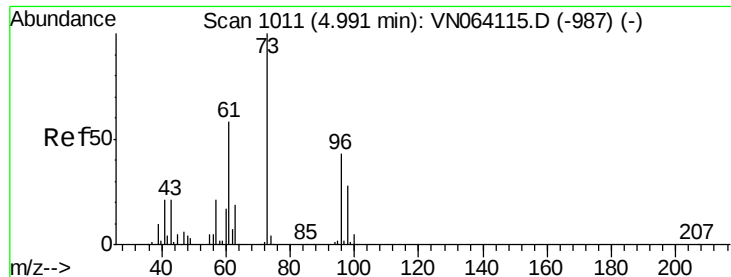
MMDadoda
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#20
Methylene Chloride
Concen: 1.285 ug/l m
RT: 4.50 min Scan# 858
Delta R.T. -0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion: 84 Resp: 4380
Ion Ratio Lower Upper
84 100
49 112.8 97.4 146.0
51 28.1 29.7 44.5#
86 60.6 52.5 78.7





#21

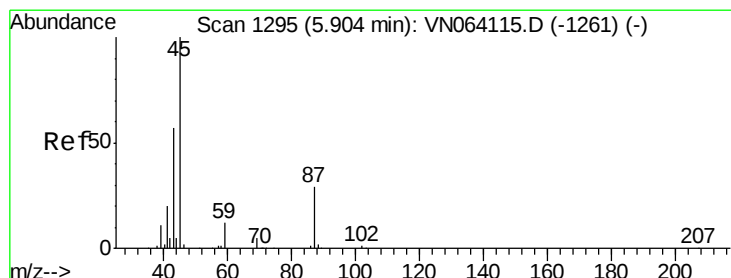
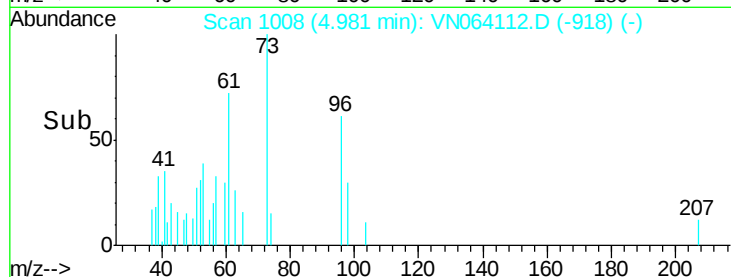
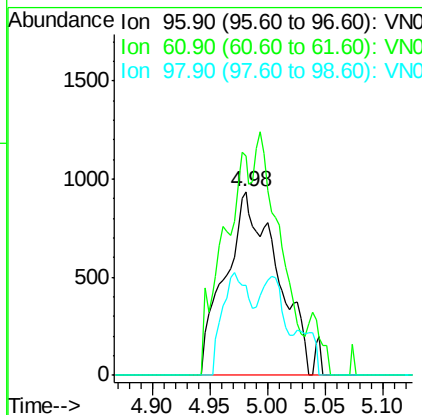
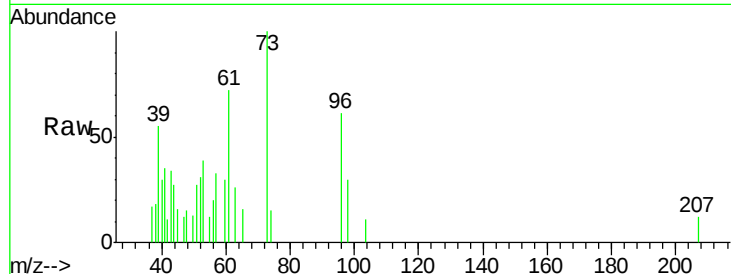
trans-1,2-Dichloroethene
Concen: 0.977 ug/l m
RT: 4.98 min Scan# 1008
Delta R.T. -0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	119.0	107.0	160.4
98	48.8	51.0	76.6#

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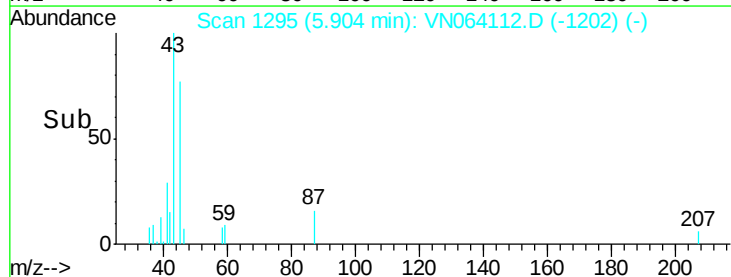
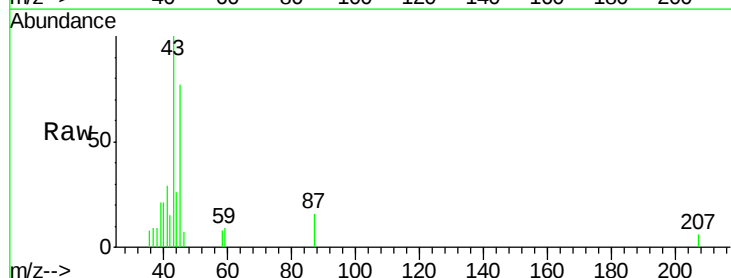
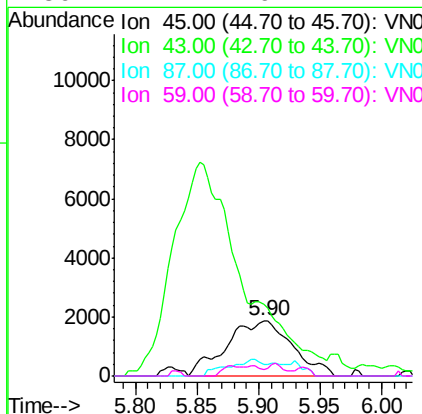
MMDadoda
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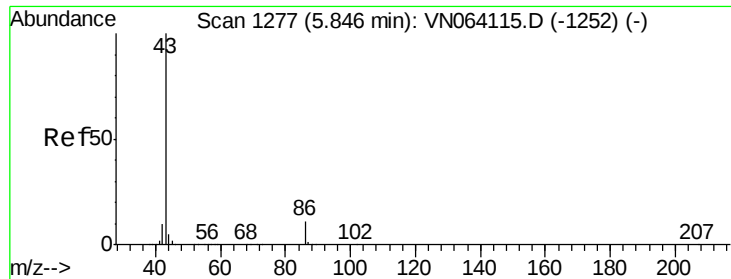


#22

Diisopropyl ether
Concen: 0.695 ug/l m
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
45	100		
43	129.2	50.9	76.3#
87	21.2	23.5	35.3#
59	11.7	9.4	14.2





#23

Vinyl Acetate

Concen: 3.487 ug/l m

RT: 5.85 min Scan# 1279

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 29311

Ion Ratio Lower Upper

43 100

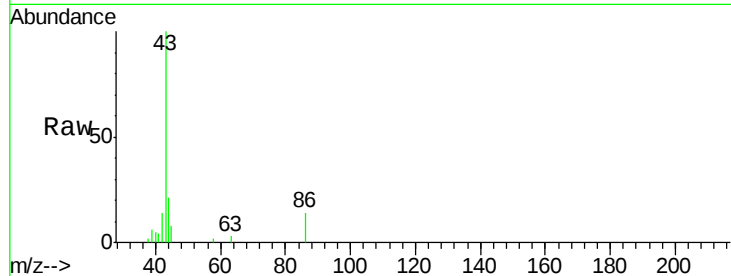
86 13.7 8.8 13.2#

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

8000

6000

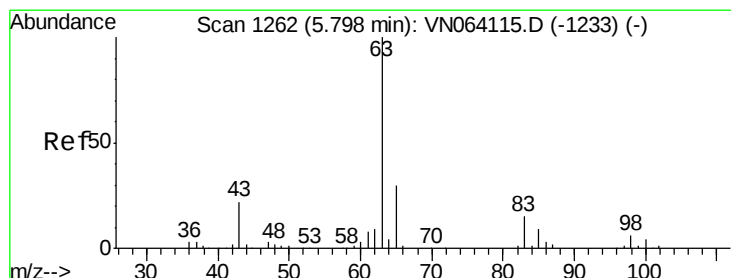
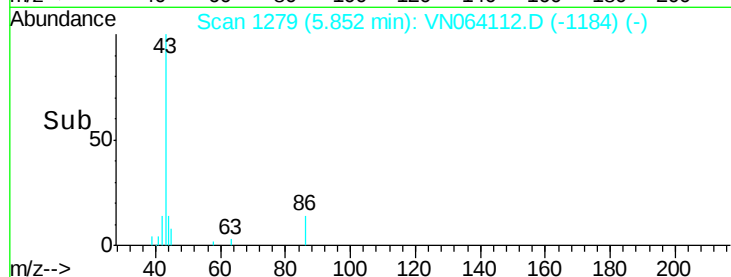
4000

2000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 0.976 ug/l

RT: 5.78 min Scan# 1258

Delta R.T. -0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

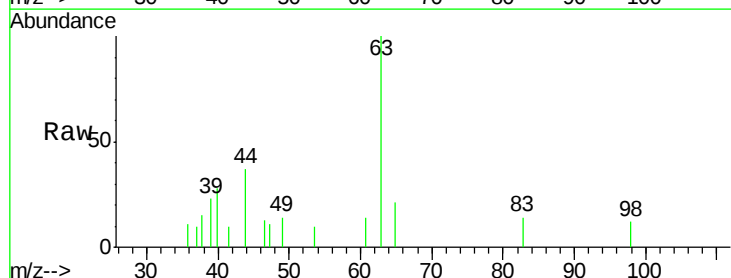
Tgt Ion: 63 Resp: 5741

Ion Ratio Lower Upper

63 100

98 11.9 3.1 9.3#

100 0.0 2.1 6.2#



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

2000

1500

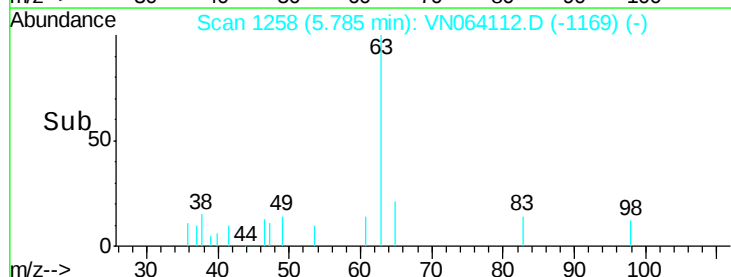
1000

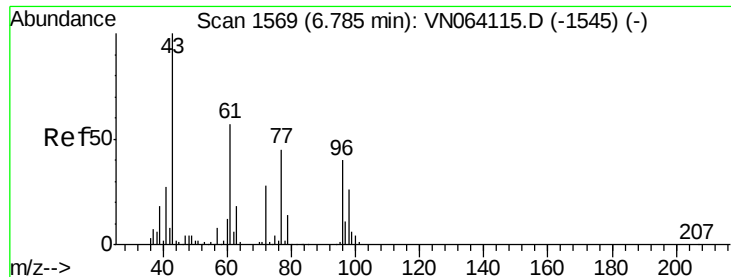
500

0

5.70 5.75 5.80 5.85 5.90

Time-->





#25

2-Butanone

Concen: 4.666 ug/l m

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 8864

Ion Ratio Lower Upper

43 100

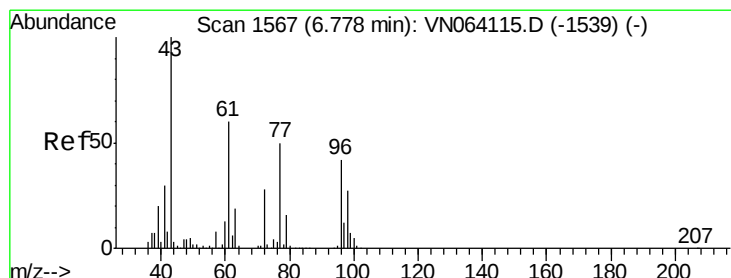
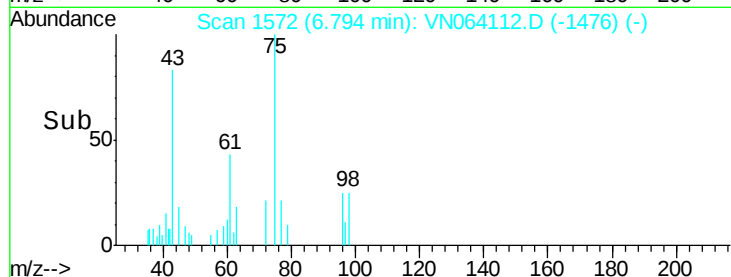
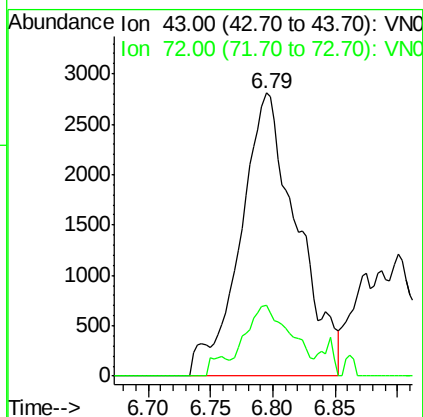
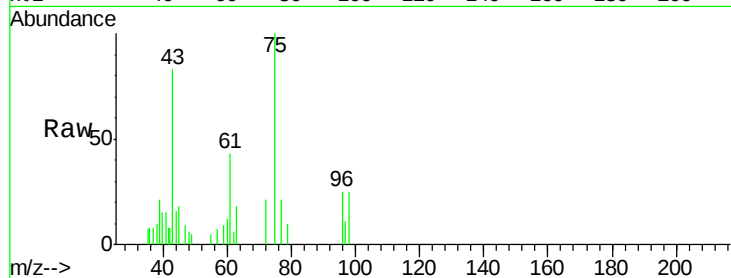
72 25.0 22.2 33.2

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#26

2,2-Dichloropropane

Concen: 1.014 ug/l

RT: 6.77 min Scan# 1563

Delta R.T. -0.01 min

Lab File: VN064112.D

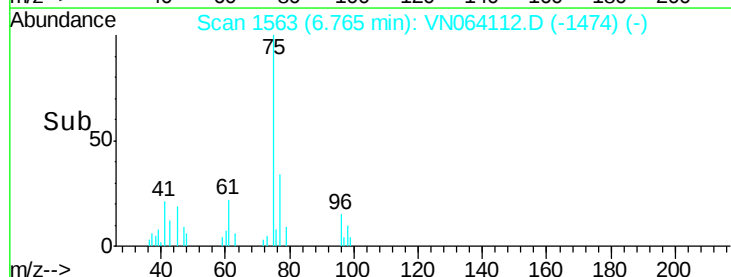
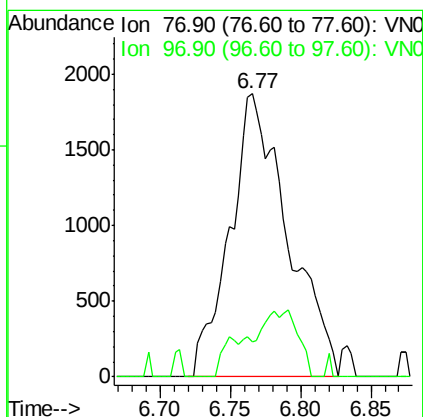
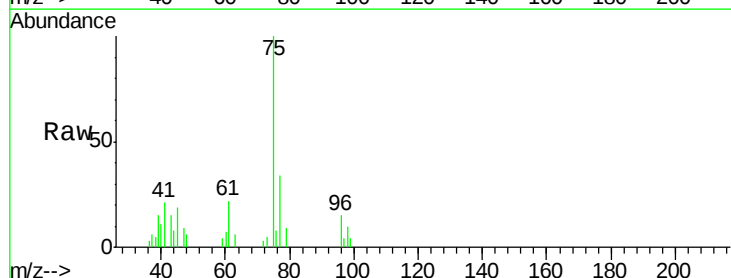
Acq: 14 Oct 2020 13:17

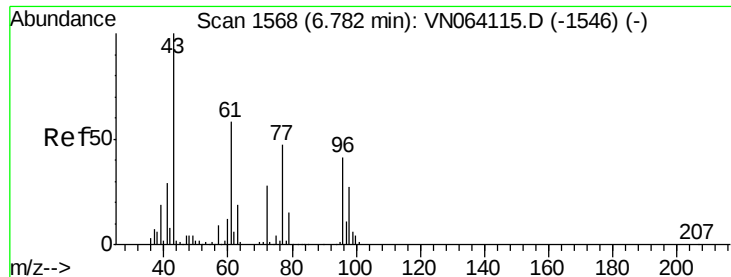
Tgt Ion: 77 Resp: 5372

Ion Ratio Lower Upper

77 100

97 2.8 11.7 35.0#





#27

cis-1,2-Dichloroethene

Concen: 1.050 ug/l m

RT: 6.78 min Scan# 1566

Delta R.T. -0.01 min

Lab File: VN064112.D

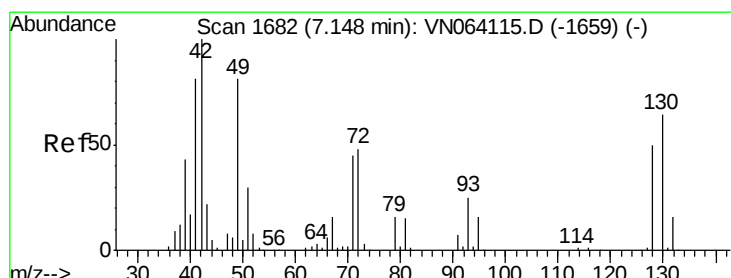
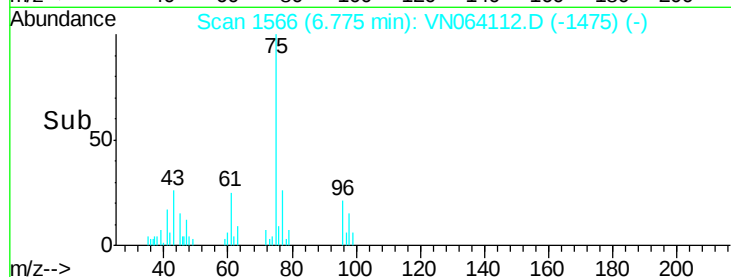
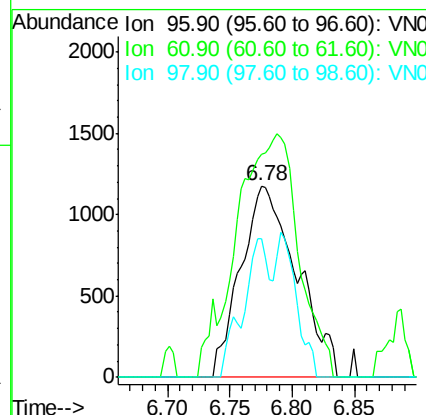
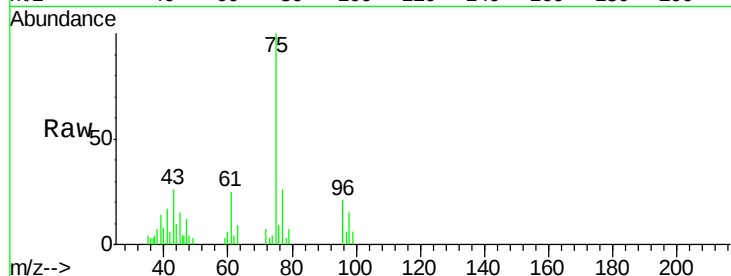
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	285.6
98	27.9	0.0	131.0

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#28

Bromochloromethane

Concen: 1.063 ug/l m

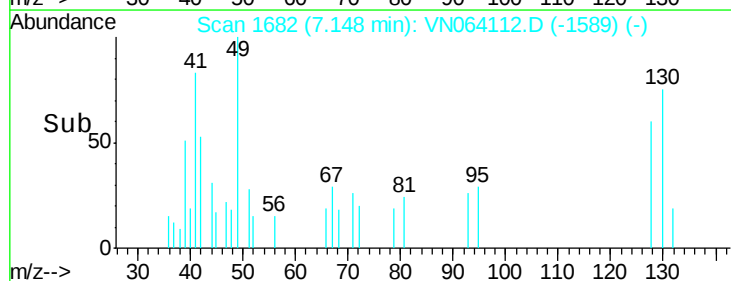
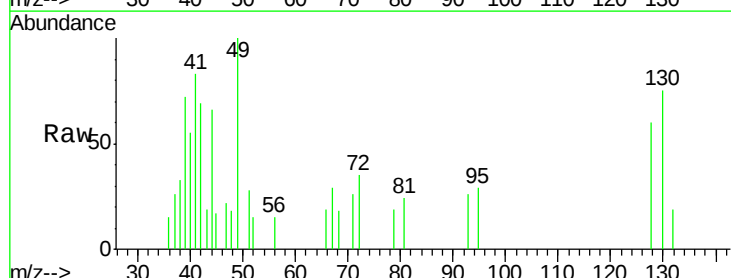
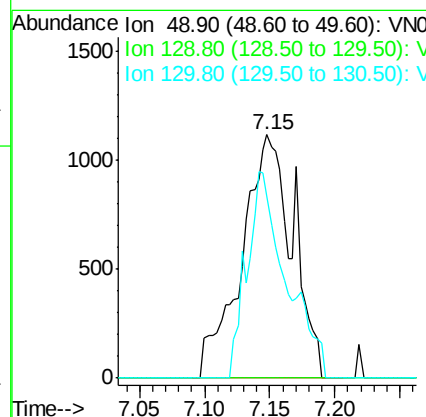
RT: 7.15 min Scan# 1682

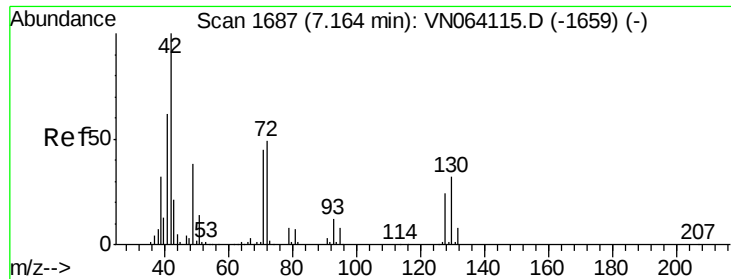
Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	53.8	0.0	0.0#





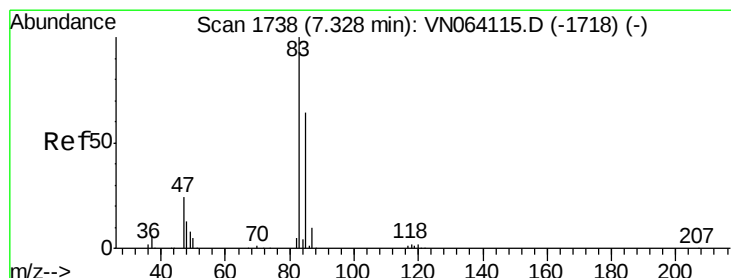
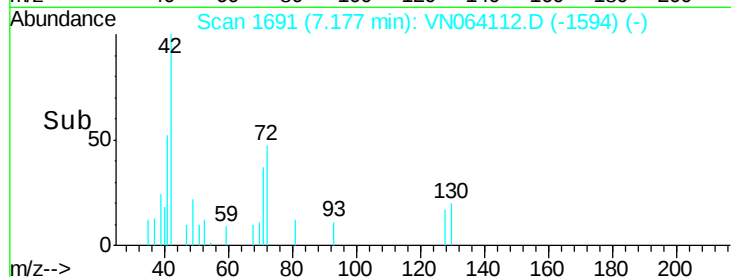
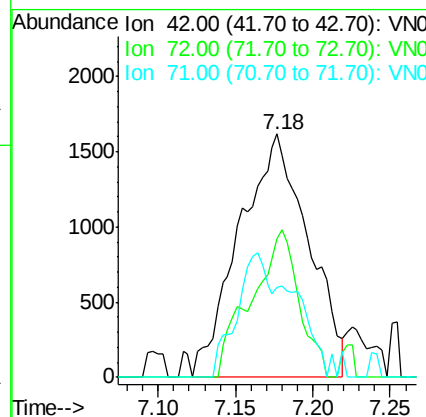
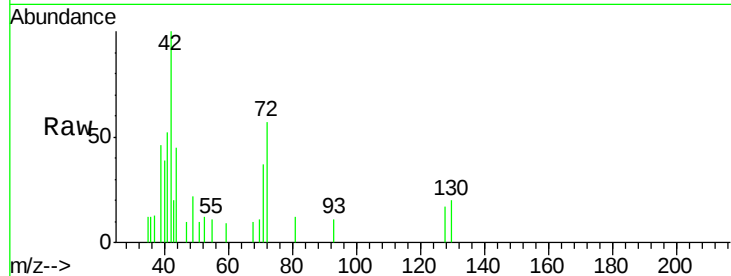
#29
Tetrahydrofuran
Concen: 3.992 ug/l
RT: 7.18 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.9	37.8	56.6
71	24.3	35.3	52.9

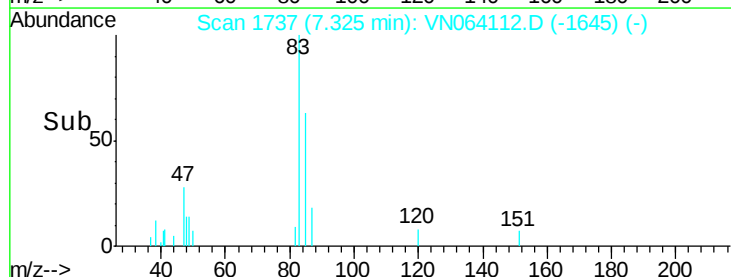
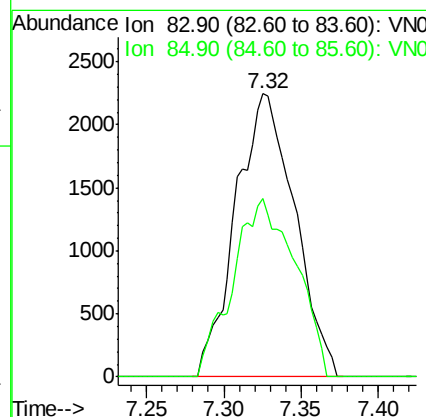
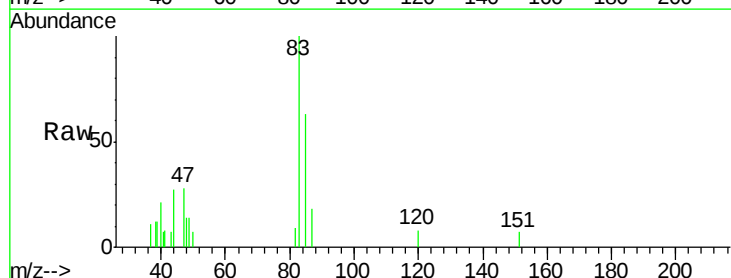
Manual Integrations
APPROVED

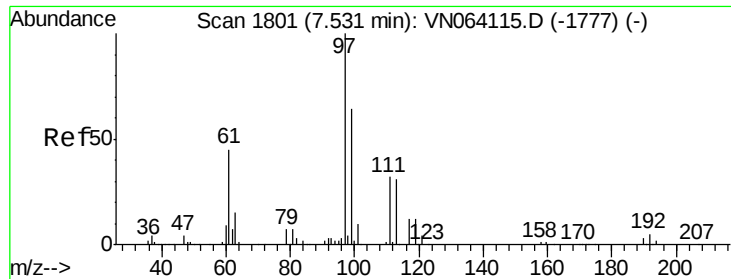
MMDadoda
10/15/2020 12:17:19 PM



#30
Chloroform
Concen: 0.961 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.8	51.5	77.3





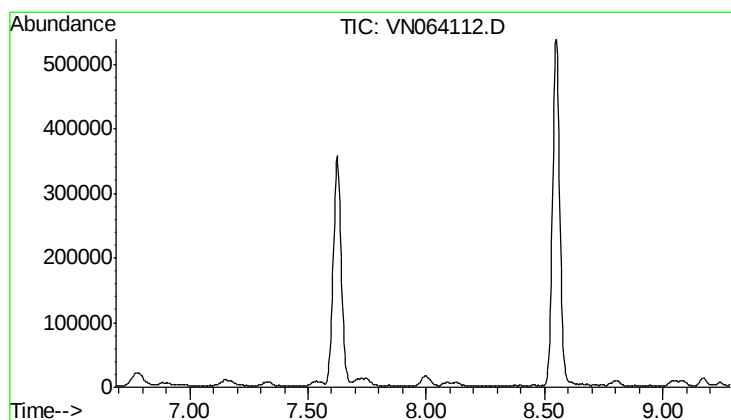
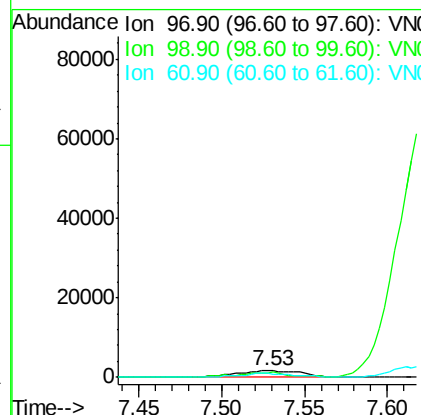
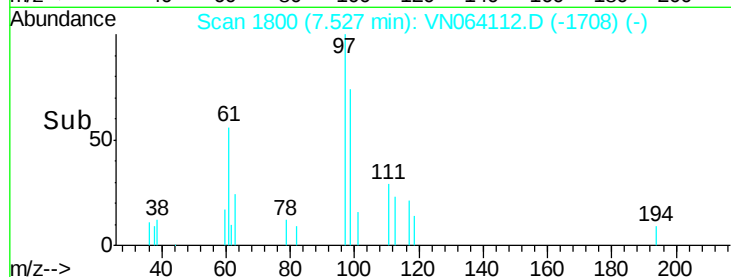
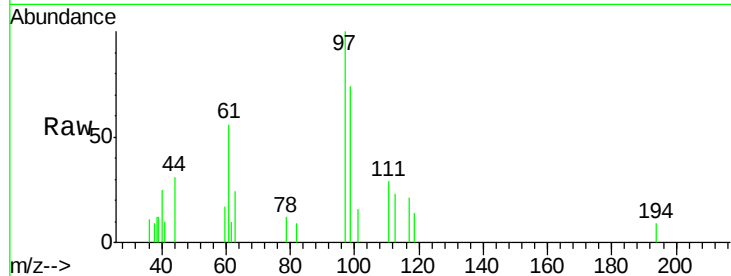
#32
 1,1,1-Trichloroethane
 Concen: 0.844 ug/l
 RT: 7.53 min Scan# 1800
 Delta R.T. -0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
99	0.0	50.2	75.2#	
61	49.6	35.6	53.4	

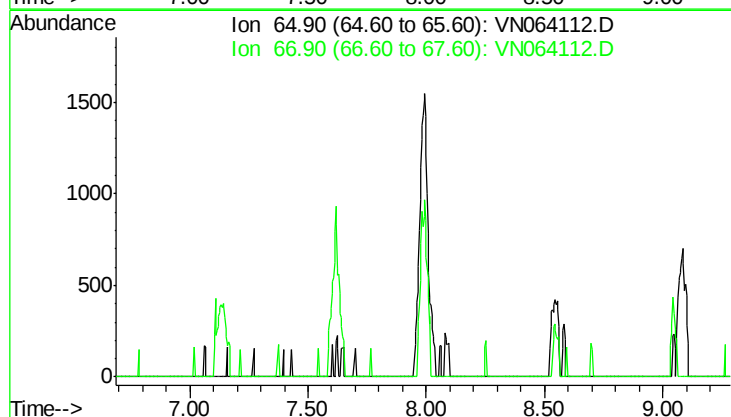
Manual Integrations
 APPROVED

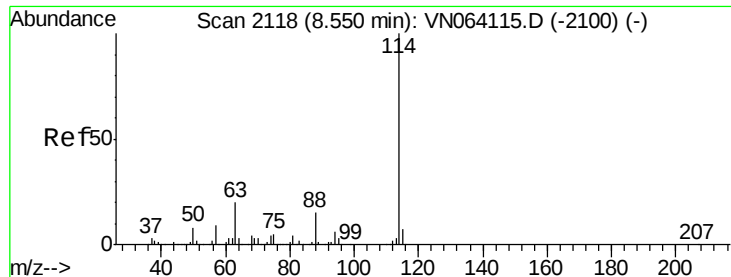
MMDadoda
 10/15/2020 12:17:19 PM



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 7.99 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Sig	Exp Ratio
65	100	
67	52.8	





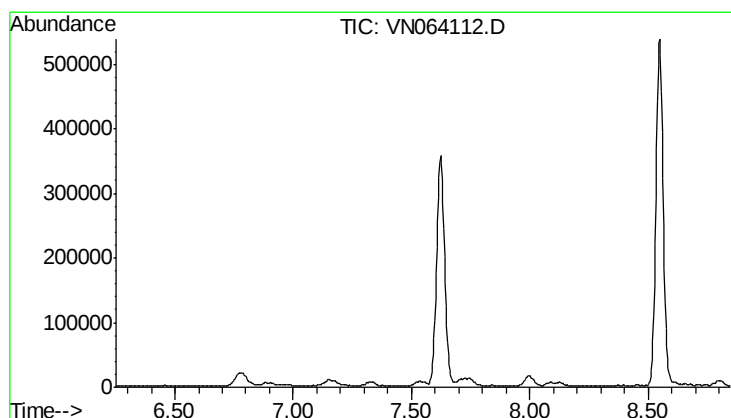
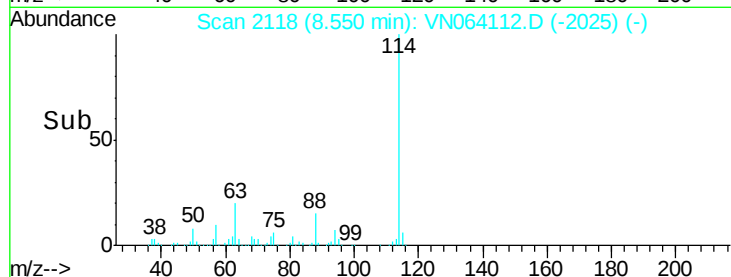
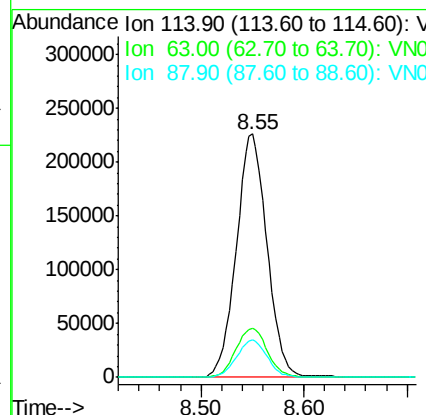
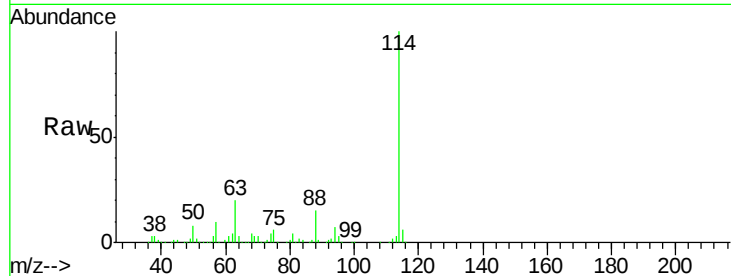
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	20.2	0.0	41.0
88	15.3	0.0	29.2

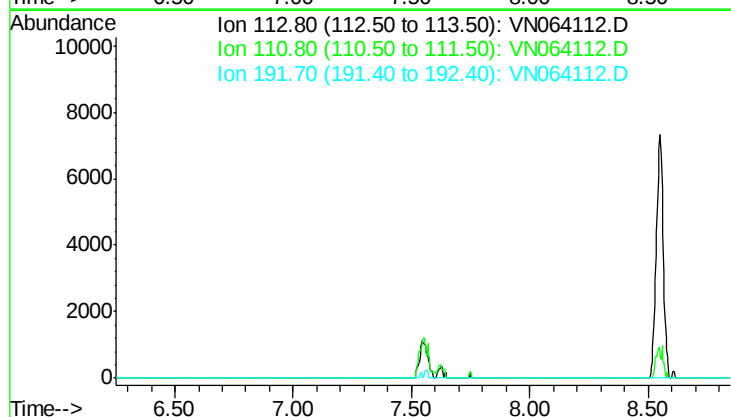
Manual Integrations
 APPROVED

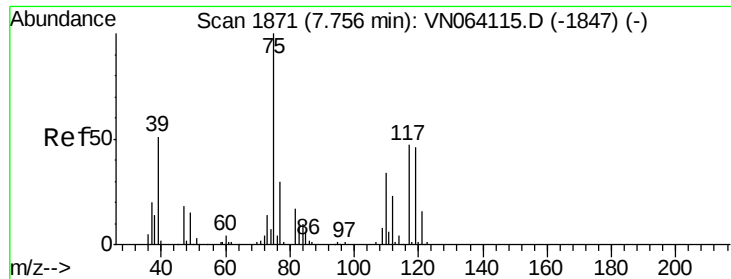
MMDadoda
 10/15/2020 12:17:19 PM



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.55 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Exp Ratio
113	100
111	102.4
192	17.9





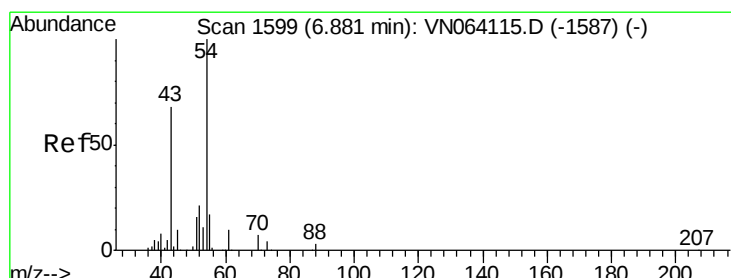
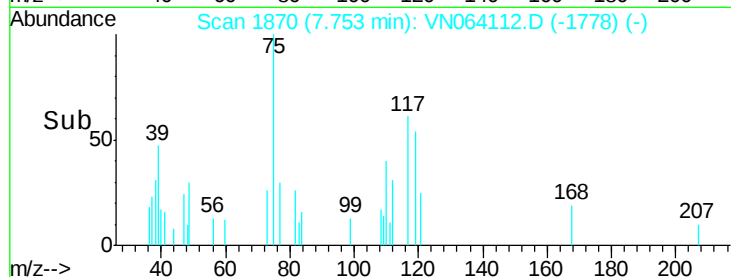
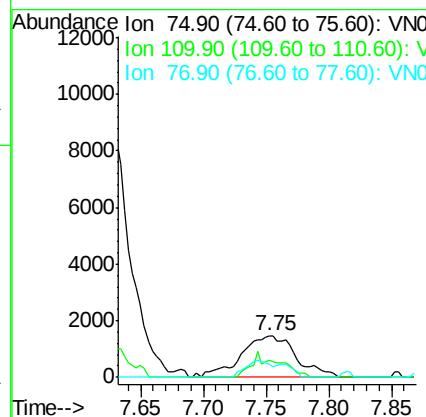
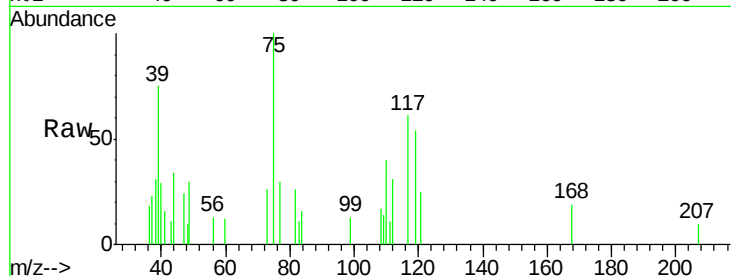
#36
 1,1-Dichloropropene
 Concen: 0.951 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
110	13.7	17.8	53.3#
77	18.2	24.9	37.3#

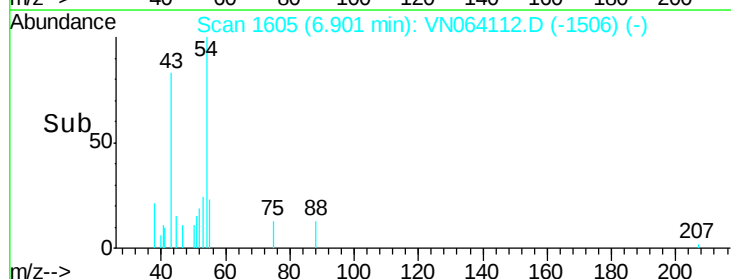
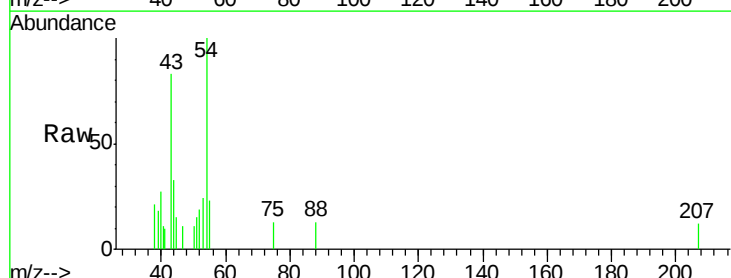
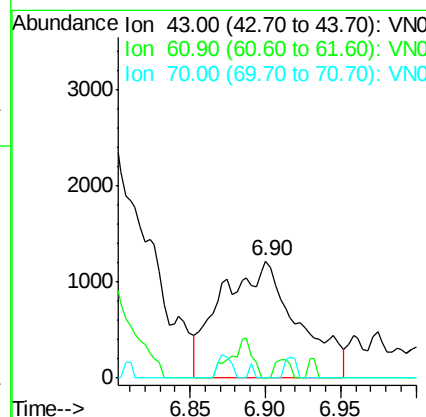
Manual Integrations
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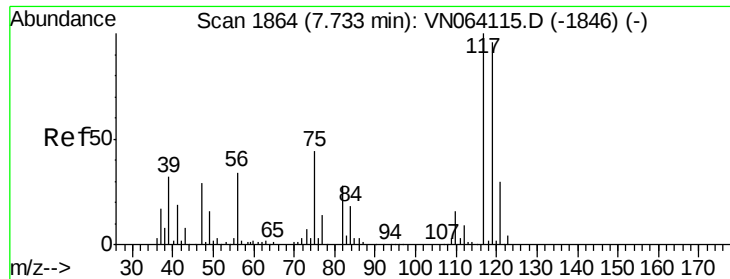
MMDadoda
 10/15/2020 12:17:19 PM



#37
 Ethyl Acetate
 Concen: 0.924 ug/l m
 RT: 6.90 min Scan# 1605
 Delta R.T. 0.02 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	3.5	7.7	11.5#





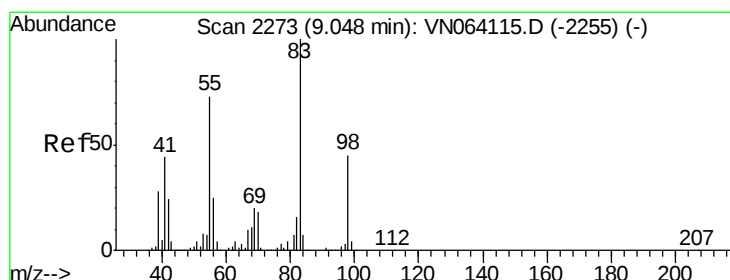
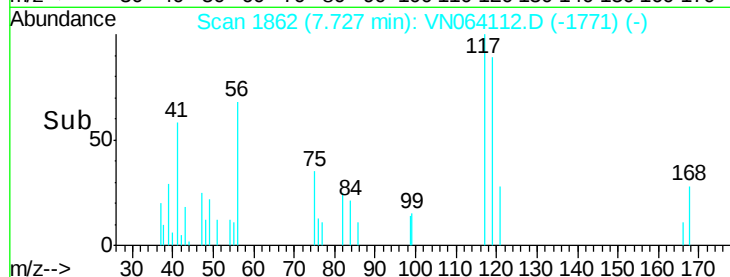
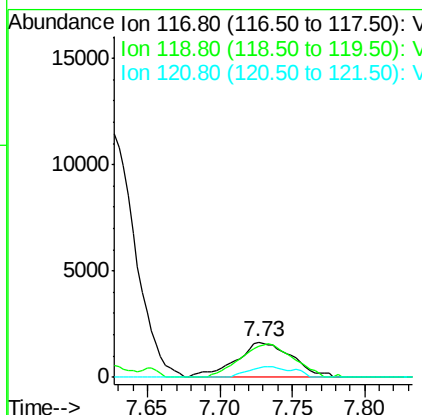
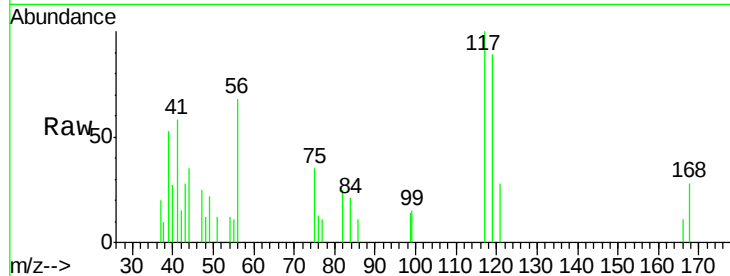
#38
Carbon Tetrachloride
Concen: 0.839 ug/l
RT: 7.73 min Scan# 1862
Delta R.T. -0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.4	77.0	115.4
121	28.2	24.2	36.4

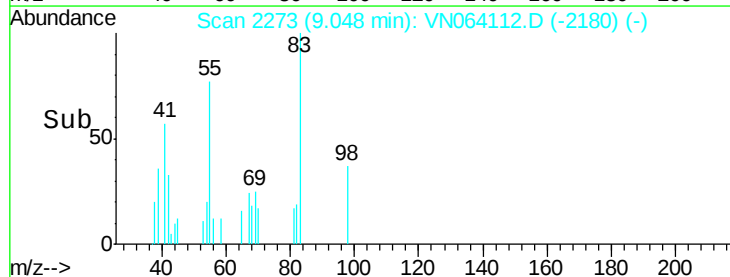
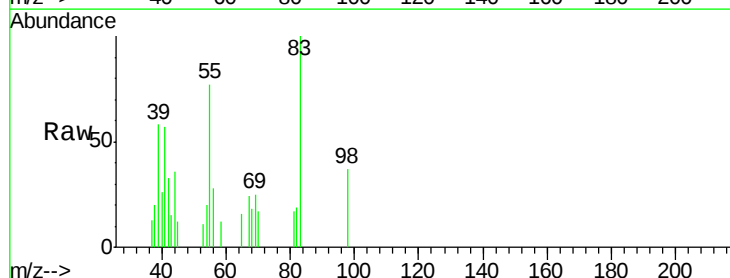
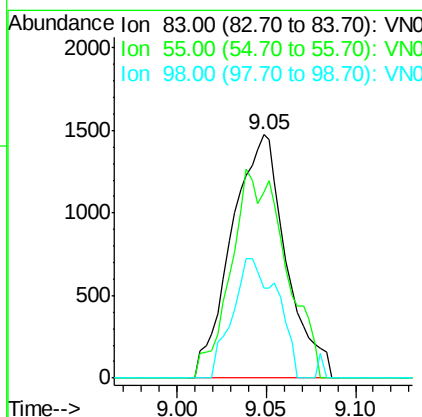
Manual Integrations
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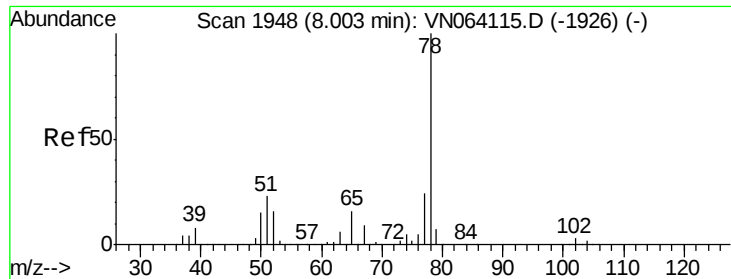
MMDadoda
10/15/2020 12:17:19 PM



#39
Methylcyclohexane
Concen: 0.680 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
83	100		
55	76.6	58.5	87.7
98	36.9	36.2	54.2





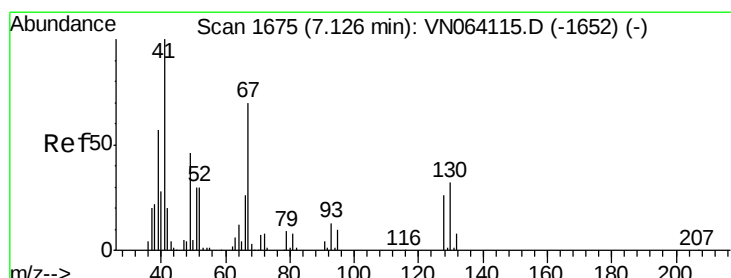
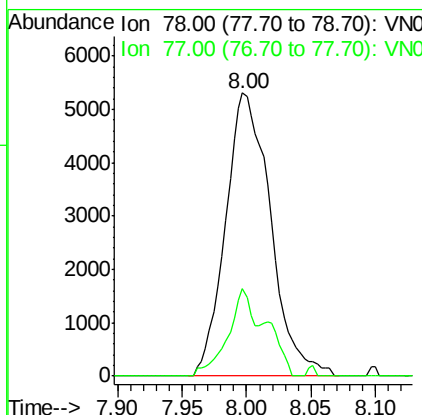
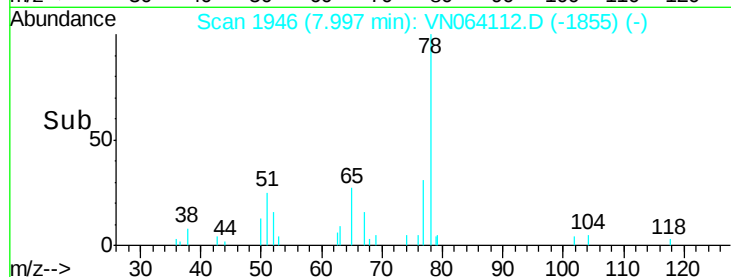
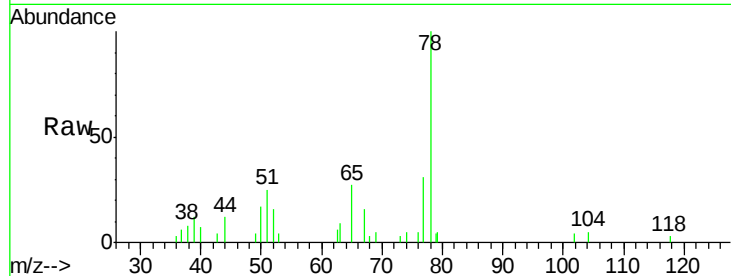
#40
Benzene
Concen: 0.941 ug/l
RT: 8.00 min Scan# 1946
Delta R.T. -0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 78 Resp: 12869
Ion Ratio Lower Upper
78 100
77 30.9 19.3 28.9#

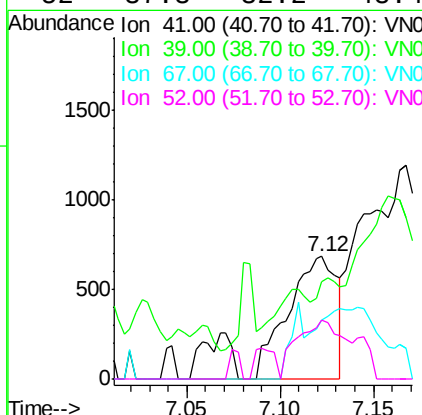
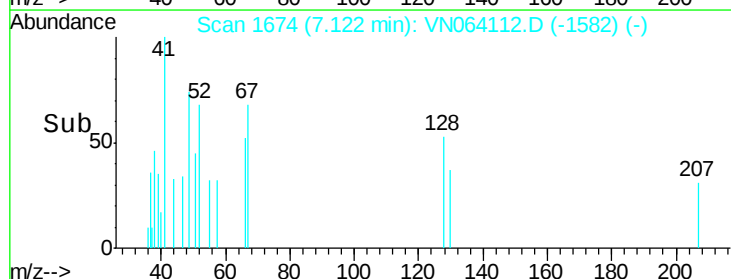
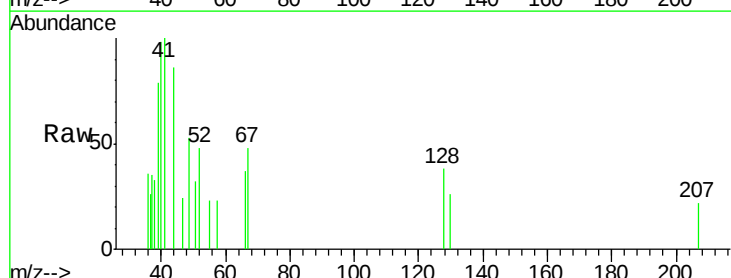
Manual Integrations
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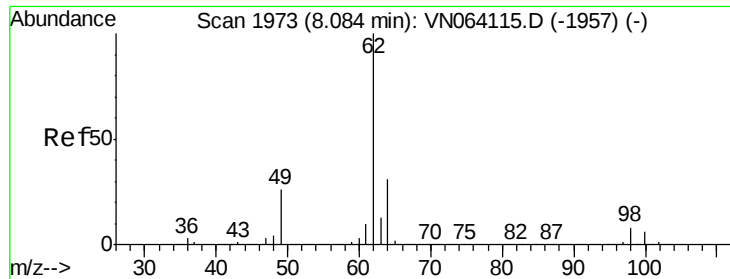
MMDadoda
10/15/2020 12:17:19 PM



#41
Methacrylonitrile
Concen: 0.759 ug/l m
RT: 7.12 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion: 41 Resp: 1529
Ion Ratio Lower Upper
41 100
39 18.6 50.7 76.1#
67 12.6 73.8 110.6#
52 37.3 32.2 48.4





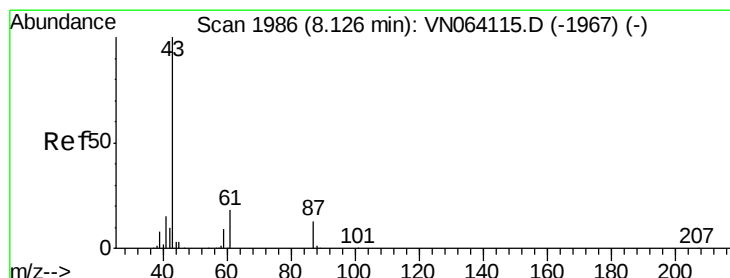
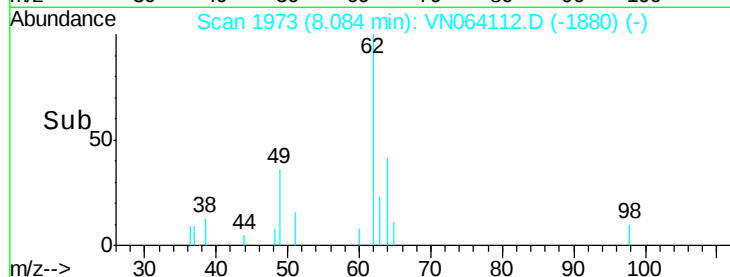
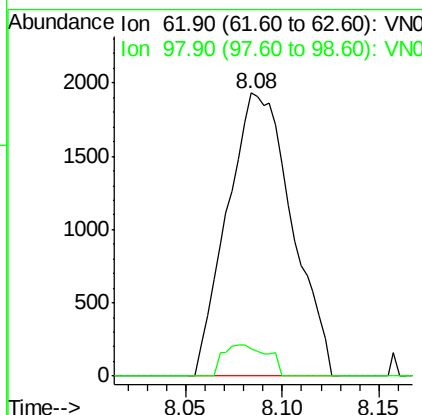
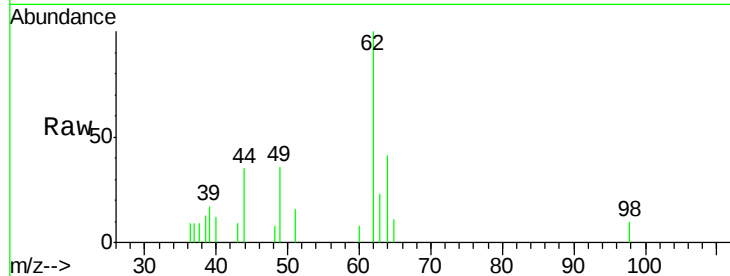
#42
 1,2-Dichloroethane
 Concen: 0.789 ug/l
 RT: 8.08 min Scan# 1973
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
62	100		
98	7.7	0.0	17.6

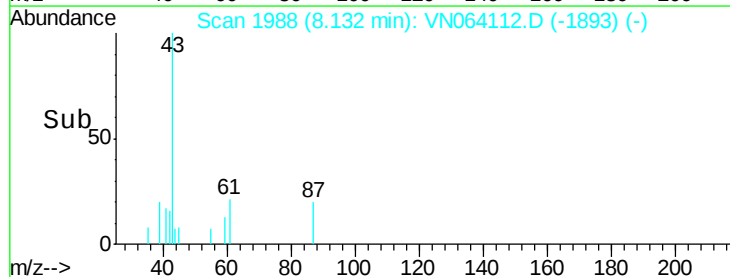
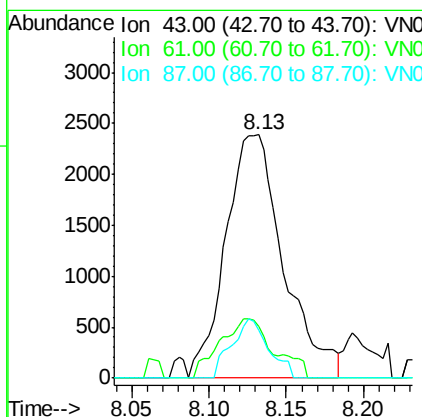
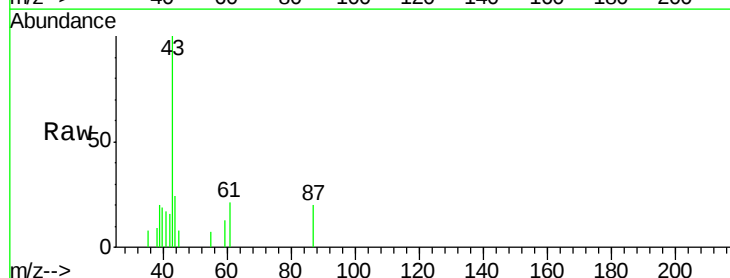
Manual Integrations
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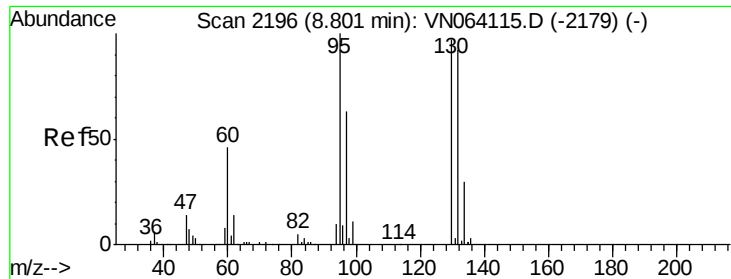
MMDadoda
 10/15/2020 12:17:19 PM



#43
 Isopropyl Acetate
 Concen: 0.820 ug/l
 RT: 8.13 min Scan# 1988
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.6	21.9	32.9
87	15.5	11.0	16.4





#44

Trichloroethene

Concen: 0.856 ug/l

RT: 8.81 min Scan# 2198

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:130 Resp: 3077

Ion Ratio Lower Upper

130 100

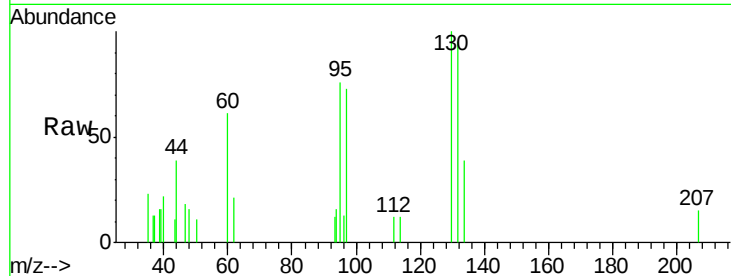
95 63.7 0.0 206.2

Manual Integrations

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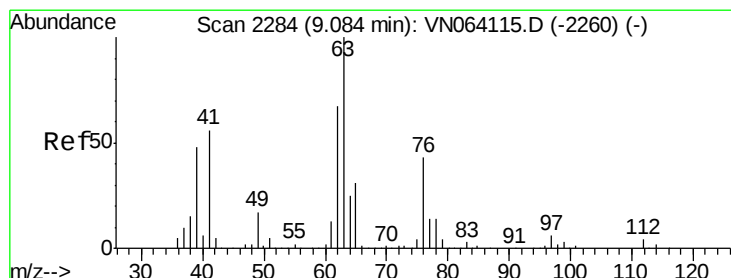
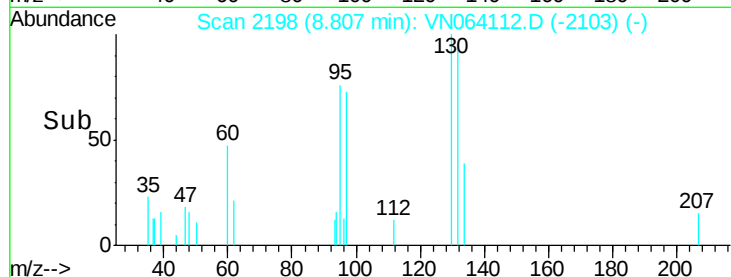
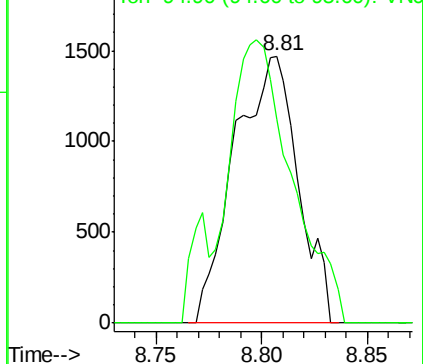
MMDadoda

10/15/2020 12:17:19 PM



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.895 ug/l

RT: 9.09 min Scan# 2285

Delta R.T. 0.00 min

Lab File: VN064112.D

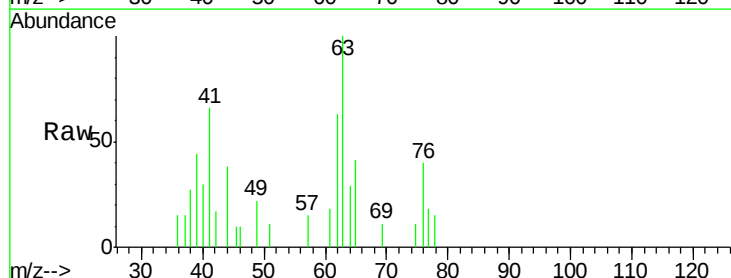
Acq: 14 Oct 2020 13:17

Tgt Ion: 63 Resp: 3274

Ion Ratio Lower Upper

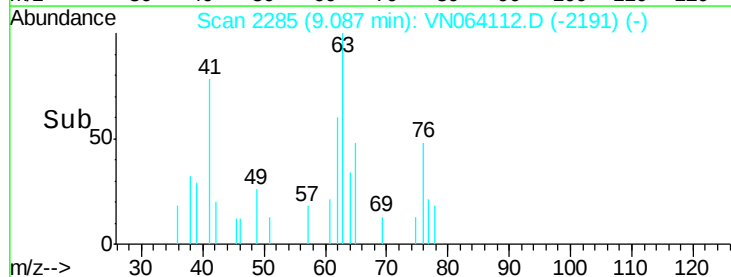
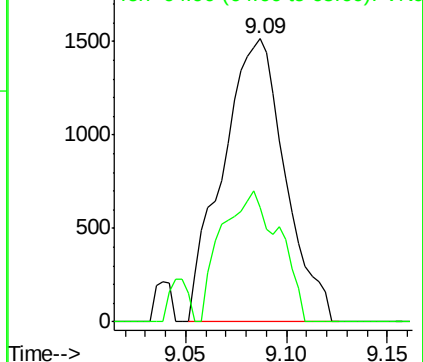
63 100

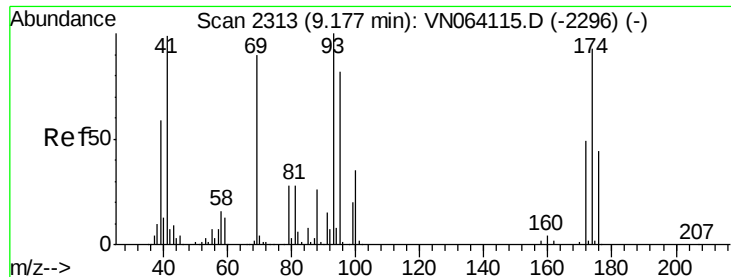
65 40.7 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





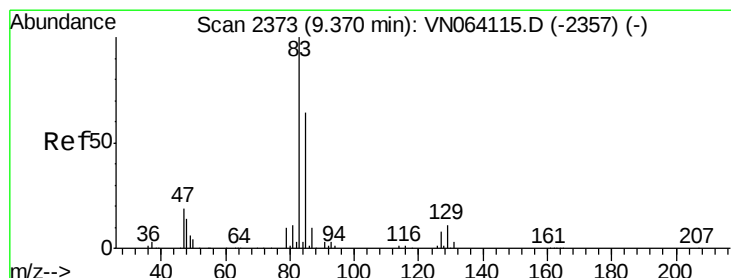
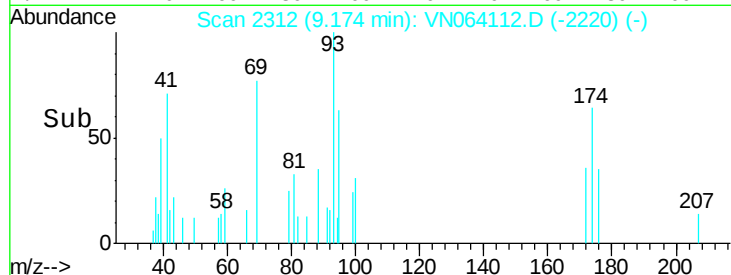
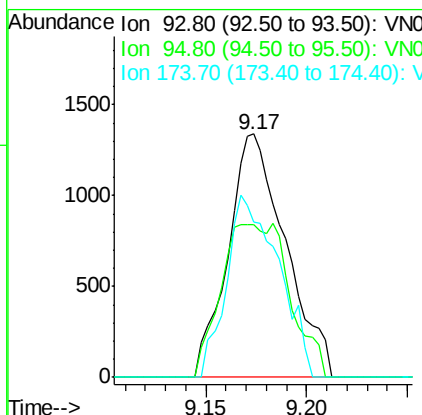
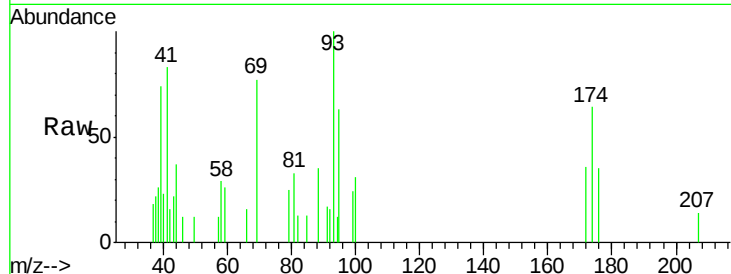
#46
Dibromomethane
Concen: 1.049 ug/l
RT: 9.17 min Scan# 2312
Delta R.T. -0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 93 Resp: 2664
Ion Ratio Lower Upper
93 100
95 75.0 66.8 100.2
174 67.8 75.2 112.8#

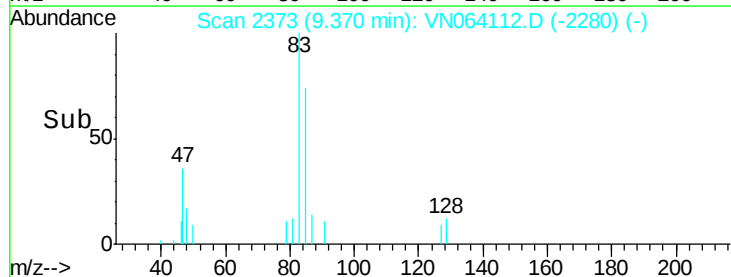
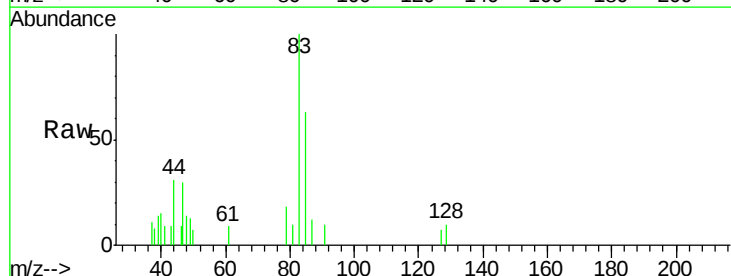
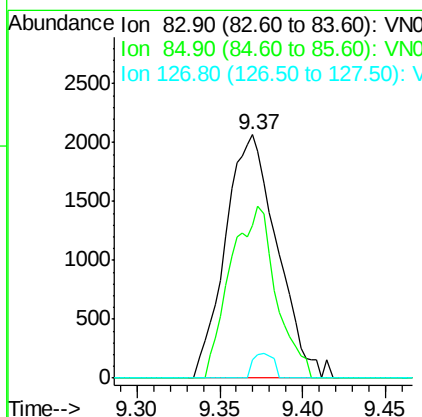
Manual Integrations
APPROVED

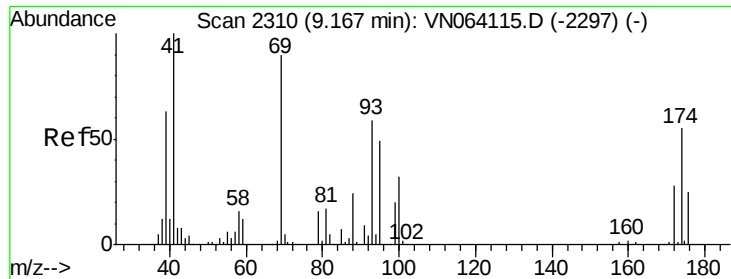
MMDadoda
10/15/2020 12:17:19 PM



#47
Bromodichloromethane
Concen: 0.862 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion: 83 Resp: 4476
Ion Ratio Lower Upper
83 100
85 62.5 50.8 76.2
127 7.4 6.6 9.8





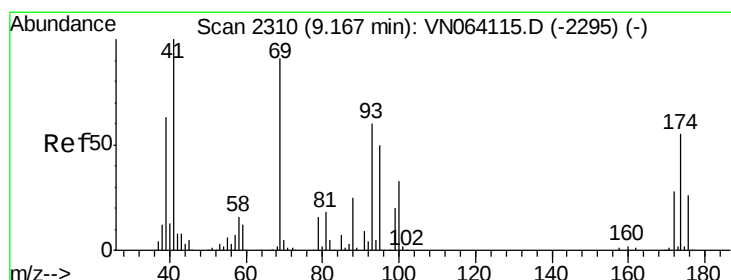
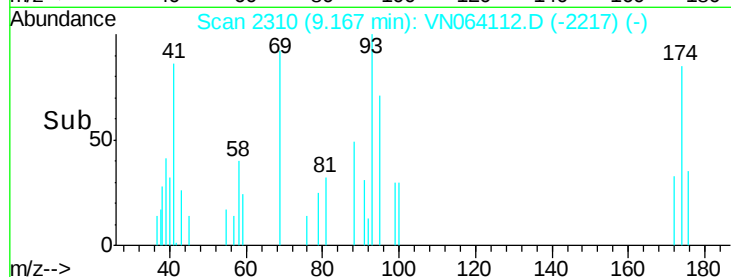
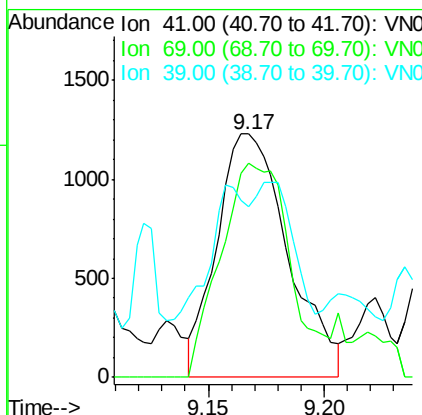
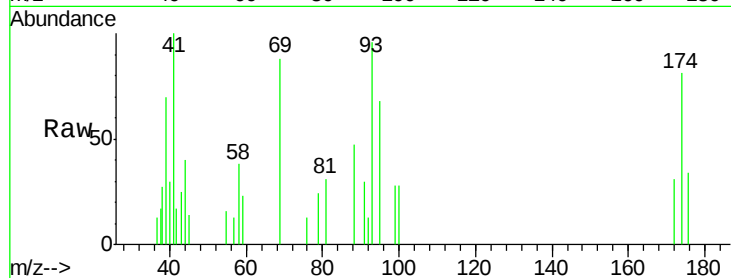
#48
Methvl methacrylate
Concen: 0.701 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
41	100		
69	86.4	71.4	107.2
39	28.5	52.5	78.7#

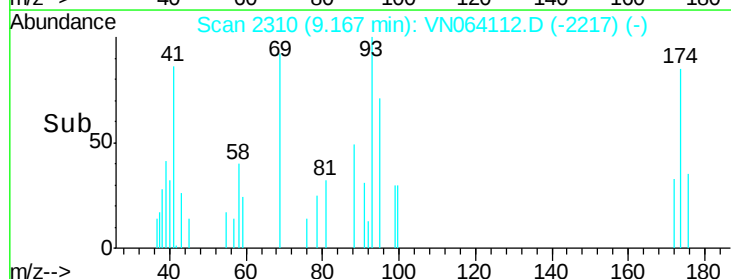
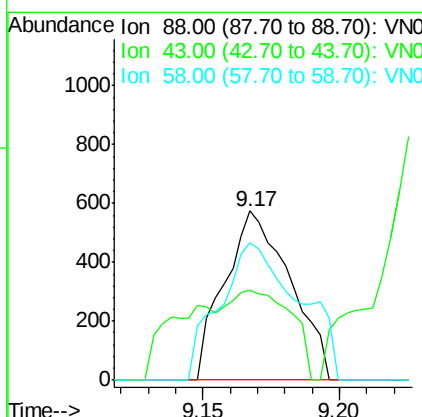
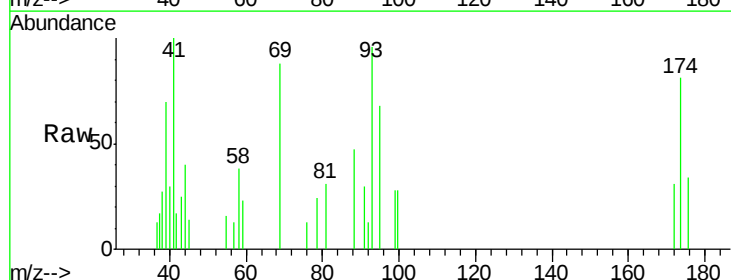
Manual Integrations
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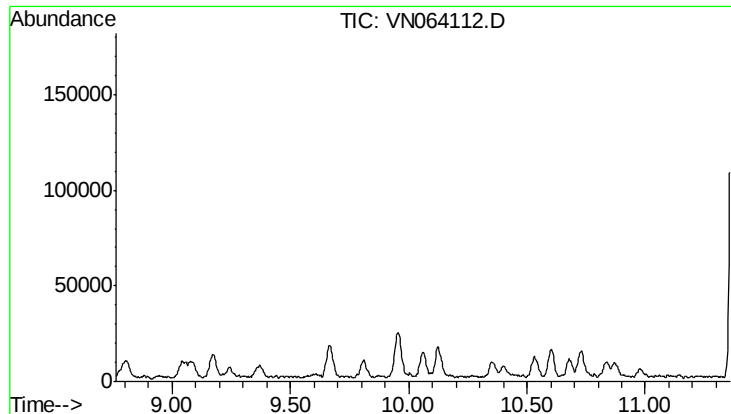
MMDadoda
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#49
1,4-Dioxane
Concen: 18.018 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
88	100		
43	47.8	27.2	40.8#
58	97.8	52.6	78.8#





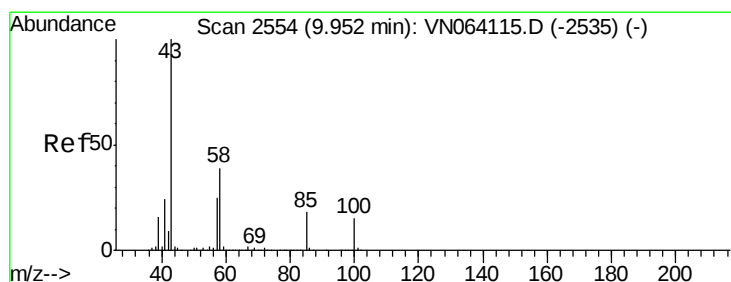
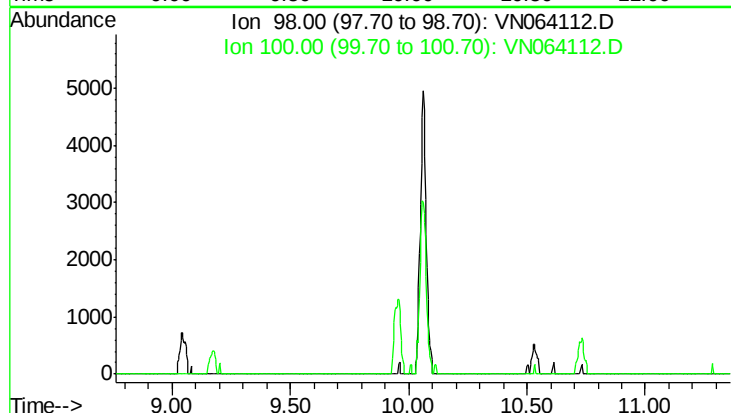
#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.06 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion: 98
Sig Exp Ratio
98 100
100 63.5

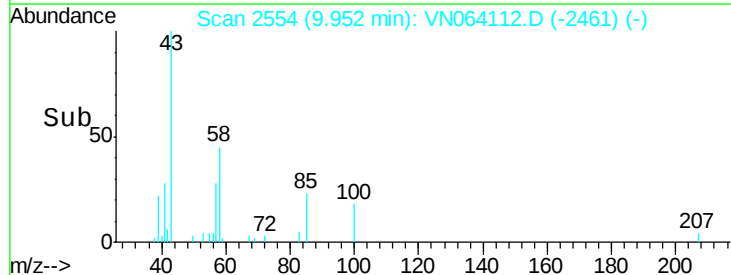
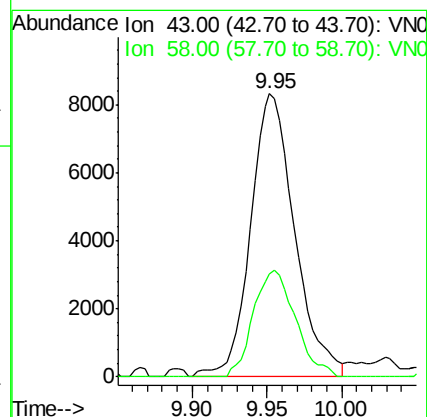
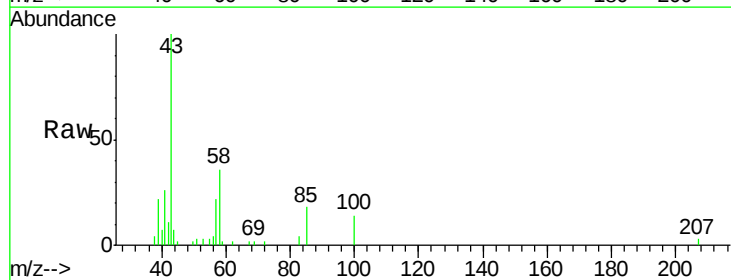
Manual Integrations
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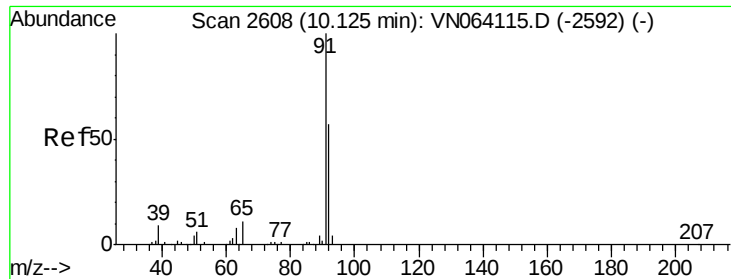
MMDadoda
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#51
4-Methyl-2-Pentanone
Concen: 3.826 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion: 43 Resp: 17060
Ion Ratio Lower Upper
43 100
58 35.7 31.2 46.8





#52

Toluene

Concen: 0.784 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 92 Resp: 6635

Ion Ratio Lower Upper

92 100

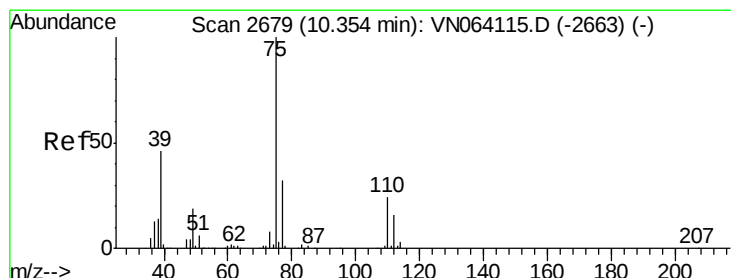
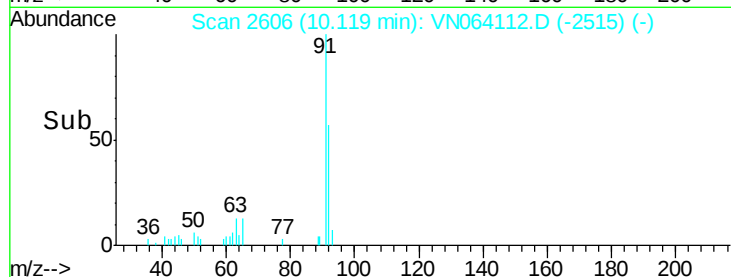
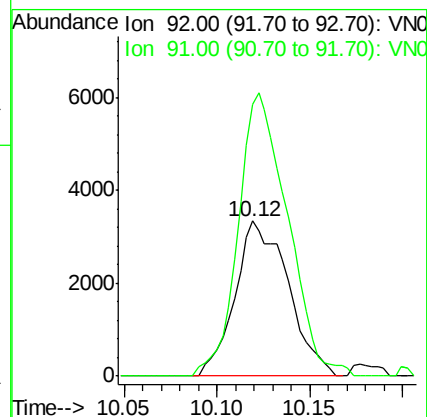
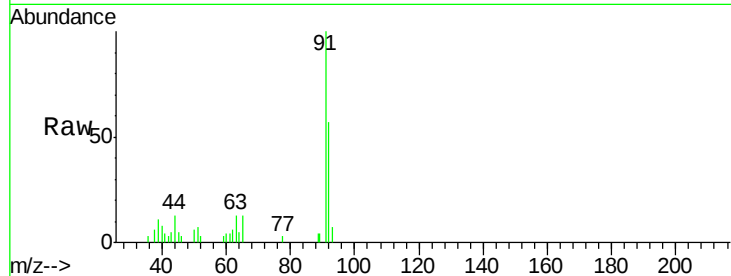
91 169.7 141.2 211.8

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#53

t-1,3-Dichloropropene

Concen: 0.727 ug/l

RT: 10.35 min Scan# 2679

Delta R.T. 0.00 min

Lab File: VN064112.D

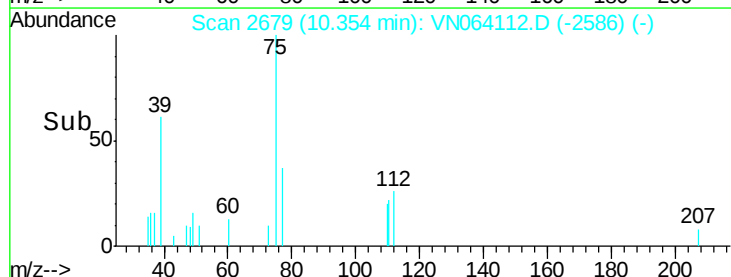
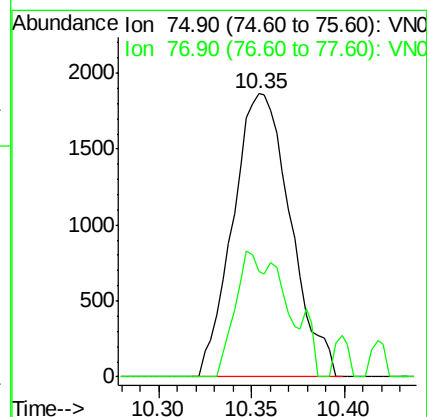
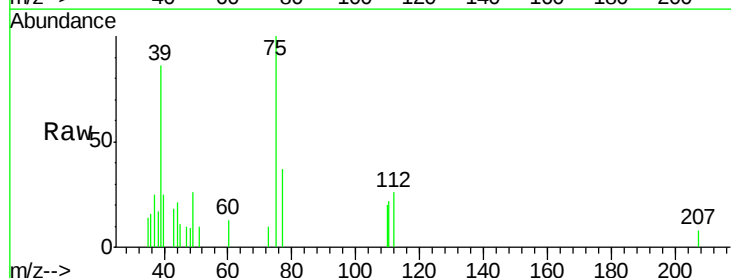
Acq: 14 Oct 2020 13:17

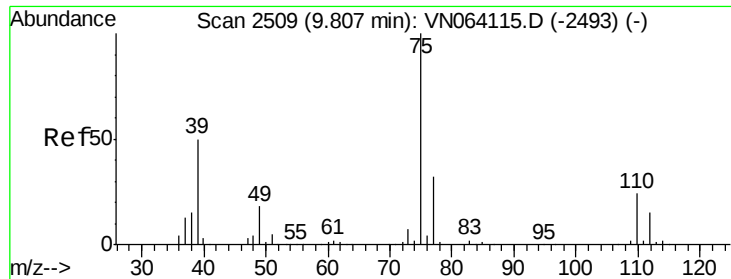
Tgt Ion: 75 Resp: 4024

Ion Ratio Lower Upper

75 100

77 37.1 25.6 38.4





#54

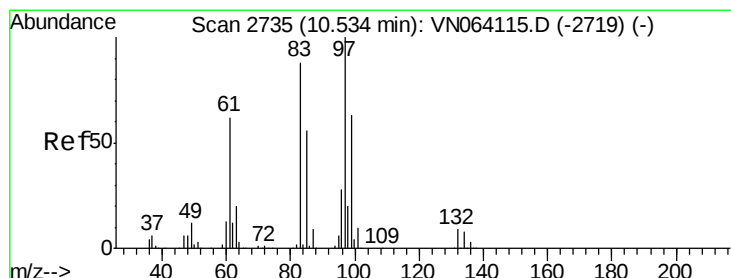
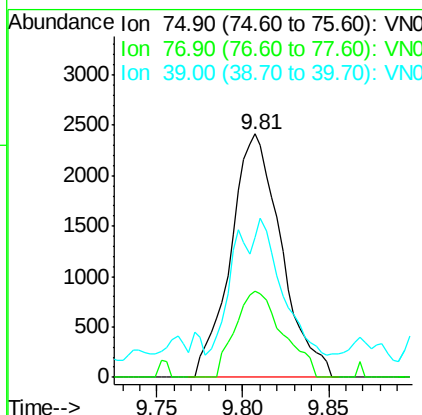
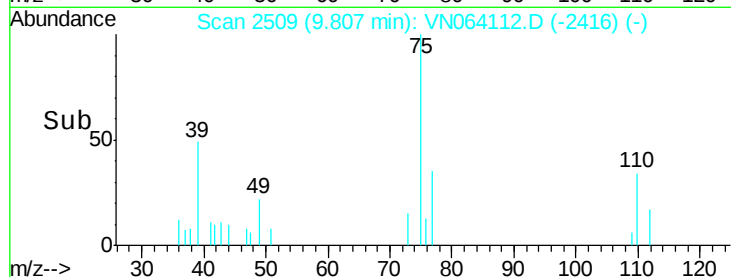
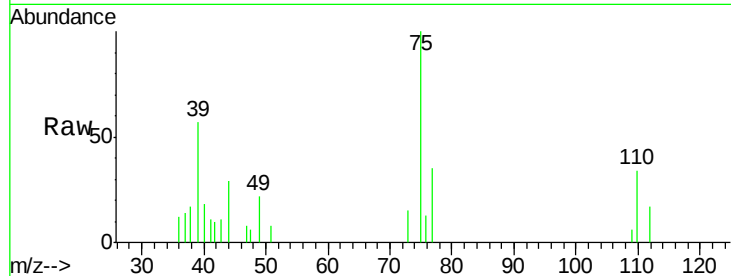
cis-1,3-Dichloropropene
 Concen: 0.854 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion:	75	Resp:	4956
Ion	Ratio	Lower	Upper
75	100		
77	35.3	25.2	37.8
39	47.8	39.8	59.8

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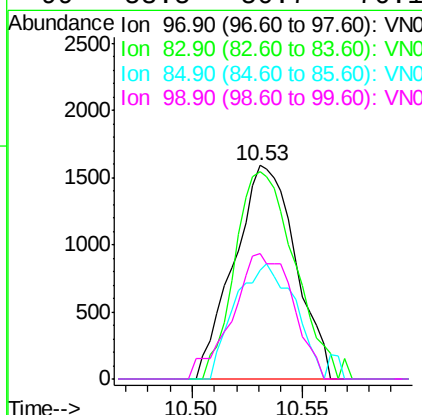
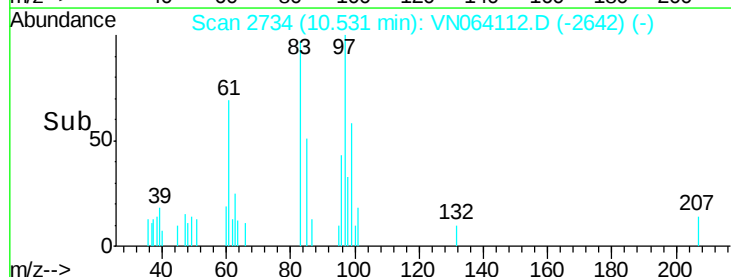
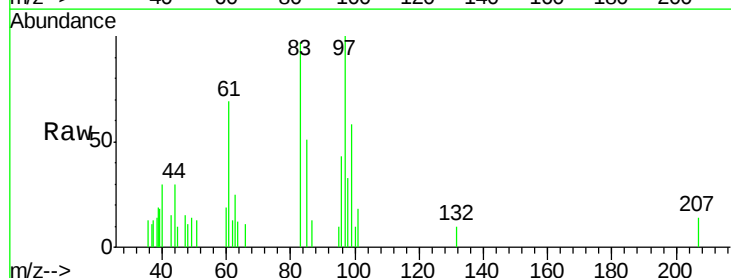
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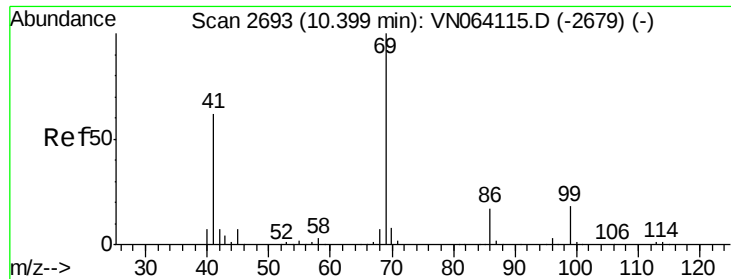


#55

1,1,2-Trichloroethane
 Concen: 0.906 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion:	97	Resp:	3069
Ion	Ratio	Lower	Upper
97	100		
83	97.0	70.2	105.4
85	51.0	45.0	67.6
99	58.5	50.7	76.1





#56

Ethyl methacrylate

Concen: 0.622 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

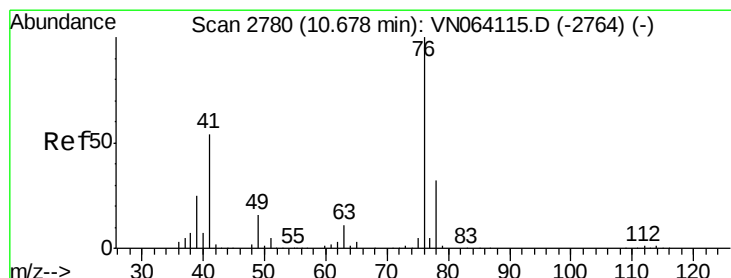
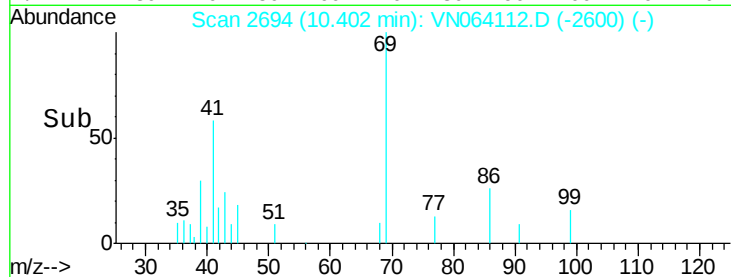
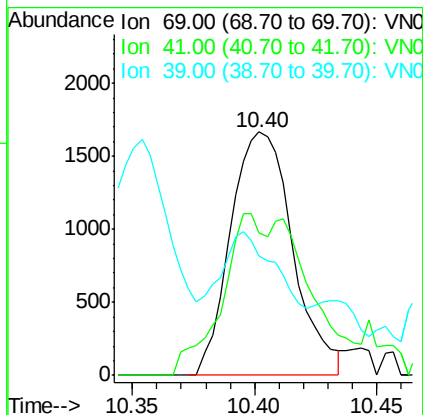
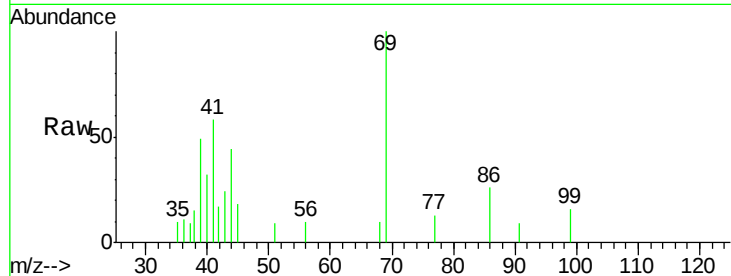
ClientSampleId :

VSTDIC001

Tot Ion:	69	Resp:	2952
Ion	Ratio	Lower	Upper
69	100		
41	47.7	49.3	73.9#
39	26.9	32.7	49.1#

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#57

1,3-Dichloropropane

Concen: 0.908 ug/l

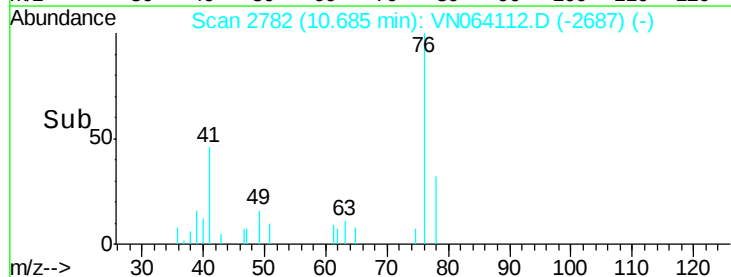
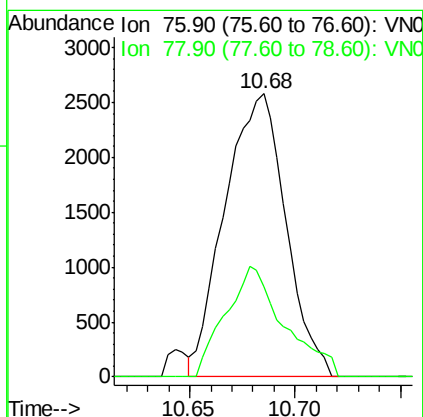
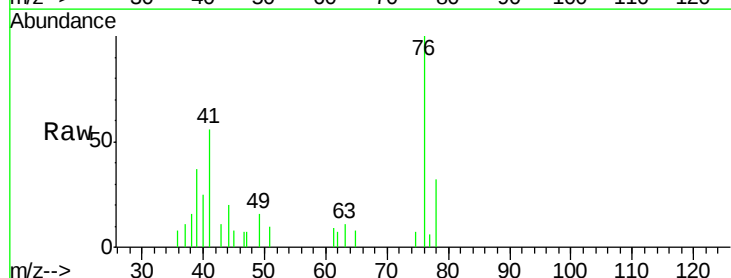
RT: 10.68 min Scan# 2782

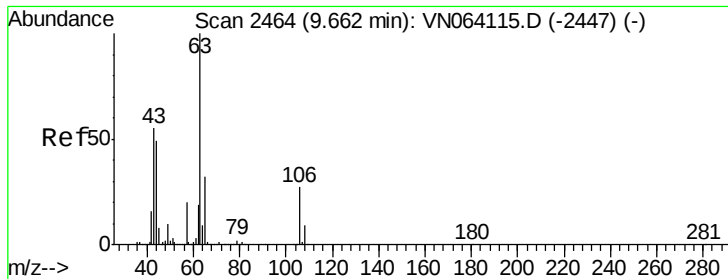
Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion:	76	Resp:	5177
Ion	Ratio	Lower	Upper
76	100		
78	37.6	26.1	39.1





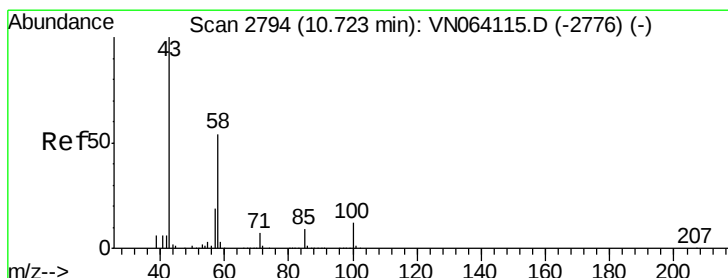
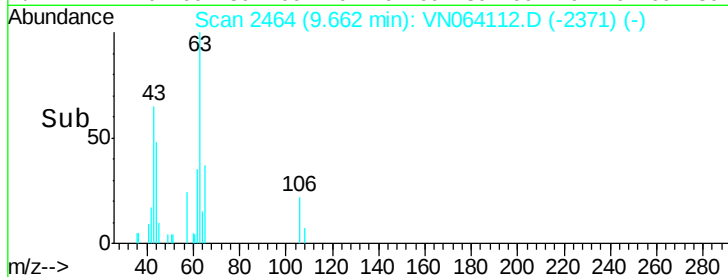
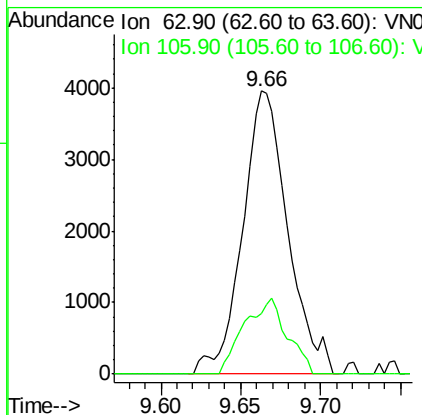
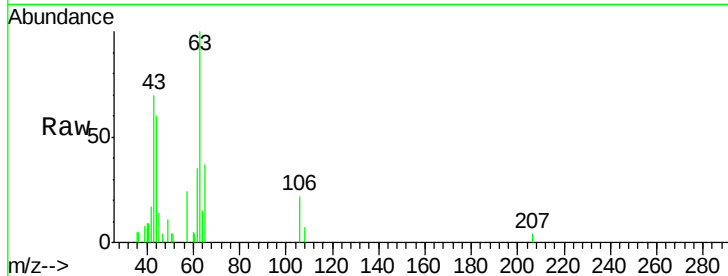
#58
 2-Chloroethyl Vinyl ether
 Concen: 3.029 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion: 63 Resp: 7643
 Ion Ratio Lower Upper
 63 100
 106 25.6 21.8 32.6

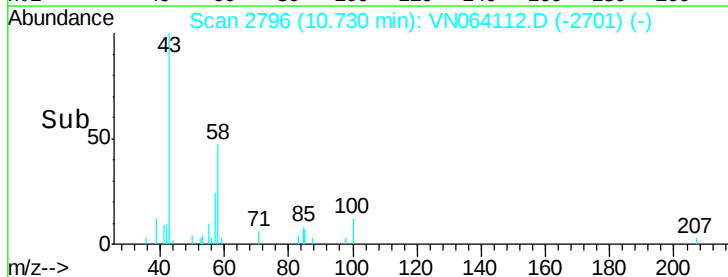
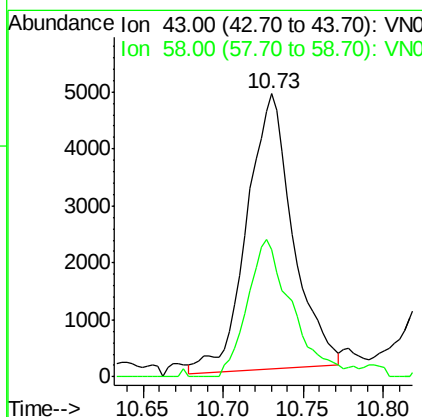
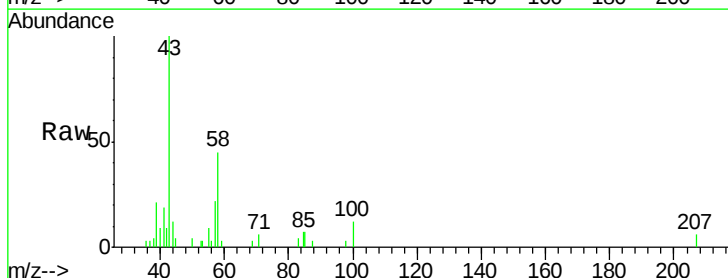
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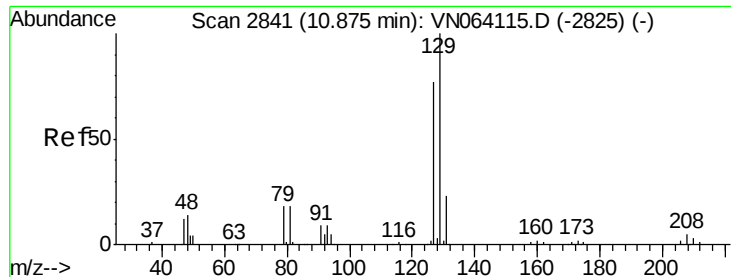
MMDadoda
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#59
 2-Hexanone
 Concen: 2.890 ug/l
 RT: 10.73 min Scan# 2796
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion: 43 Resp: 9544
 Ion Ratio Lower Upper
 43 100
 58 48.3 27.2 81.6





#60

Dibromochloromethane

Concen: 0.821 ug/l

RT: 10.87 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:129 Resp: 3246

Ion Ratio Lower Upper

129 100

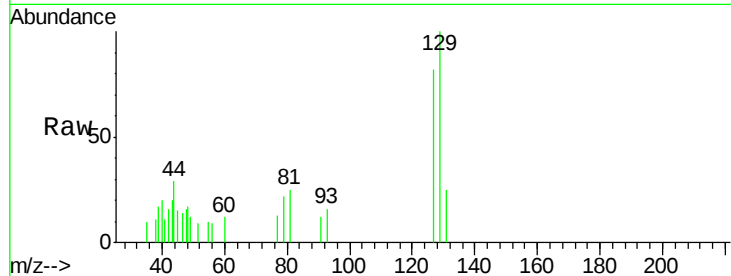
127 74.3 38.2 114.6

Manual Integrations

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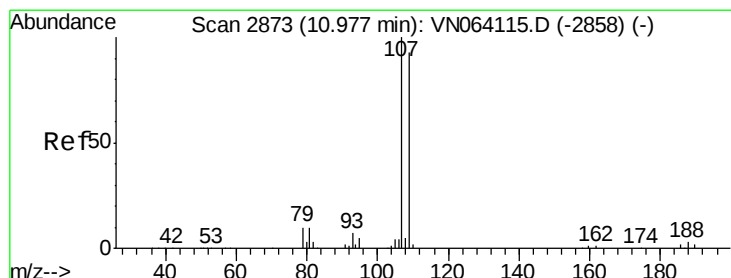
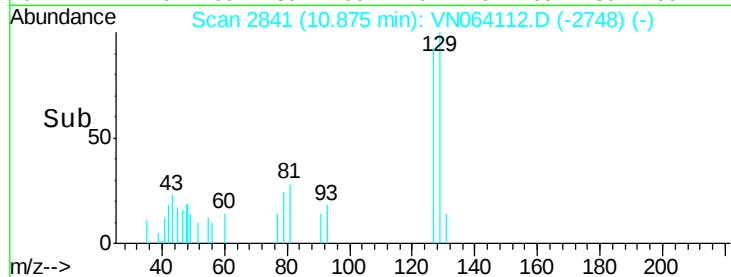
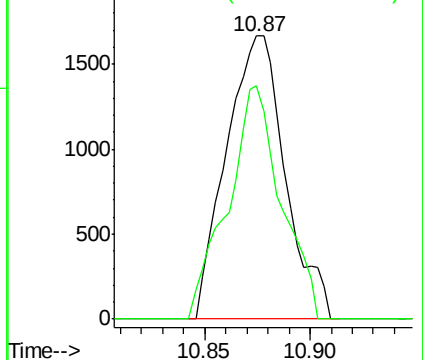
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Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 0.811 ug/l

RT: 10.98 min Scan# 2874

Delta R.T. 0.00 min

Lab File: VN064112.D

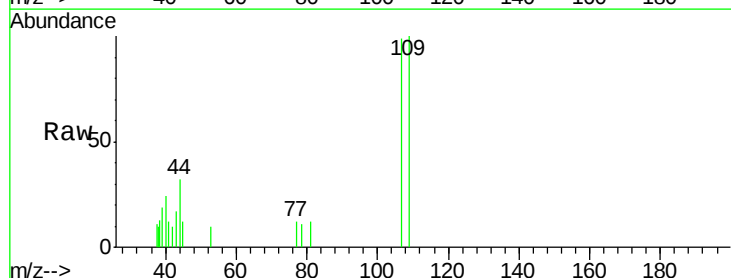
Acq: 14 Oct 2020 13:17

Tgt Ion:107 Resp: 2821

Ion Ratio Lower Upper

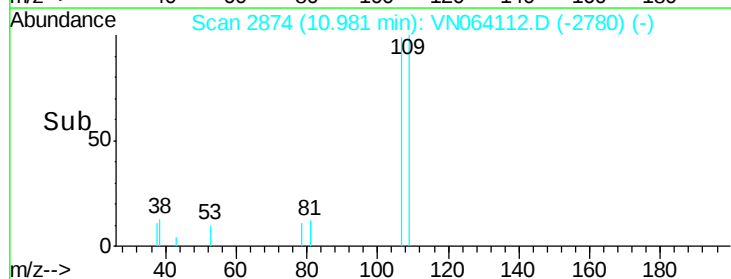
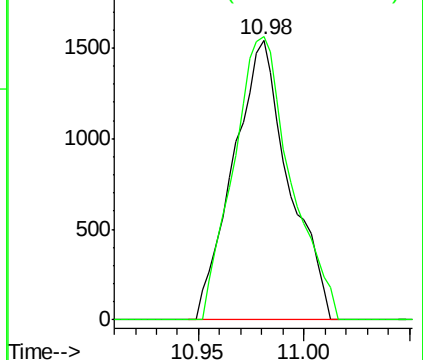
107 100

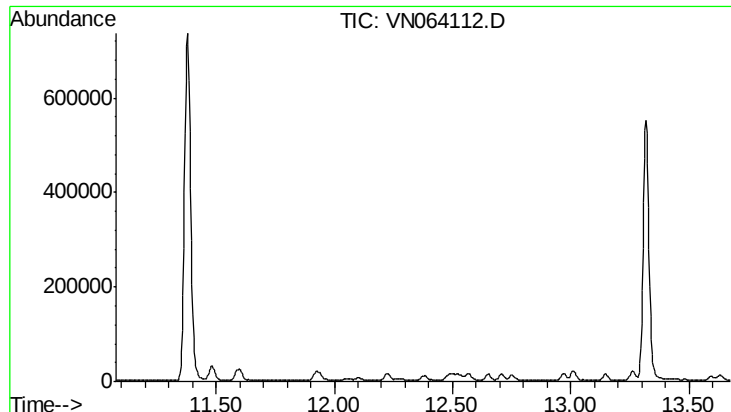
109 104.9 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.38 min

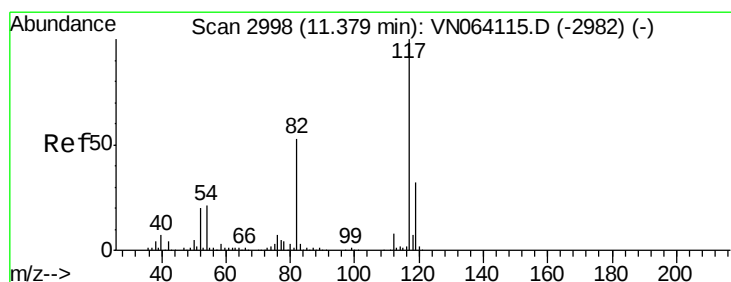
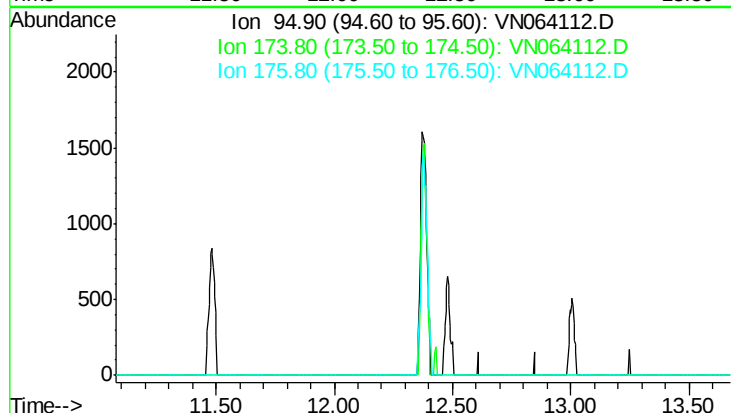
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tot Ion	95
Sig	Exp Ratio
95	100
174	82.4
176	78.9

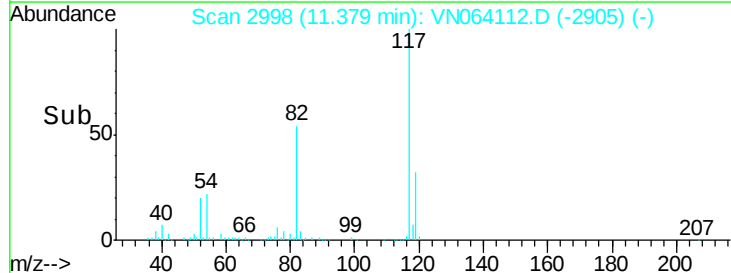
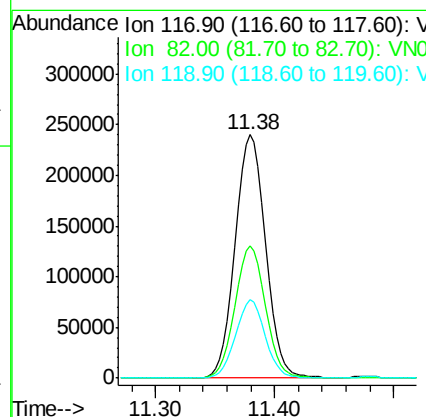
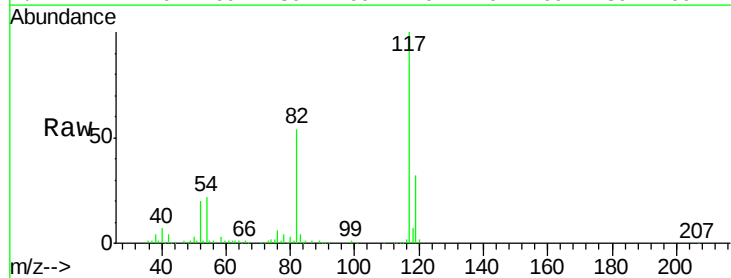
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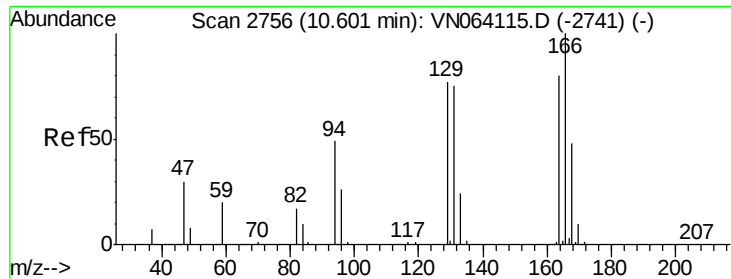
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 2998
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	117	Resp	427630
Ion Ratio	Lower	Upper	
117	100		
82	54.2	42.6	63.8
119	32.1	25.5	38.3





#64

Tetrachloroethene

Concen: 0.846 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:164 Resp: 2831

Ion Ratio Lower Upper

164 100

166 136.1 99.7 149.5

129 118.9 77.0 115.4#

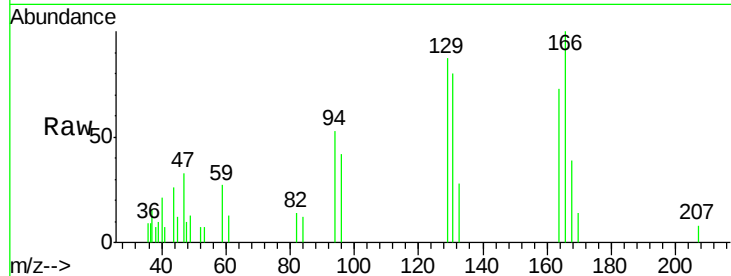
131 109.1 74.6 111.8

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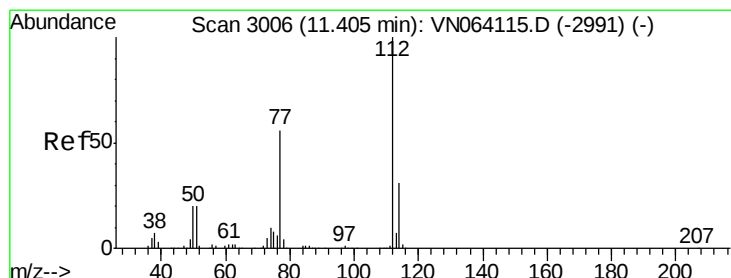
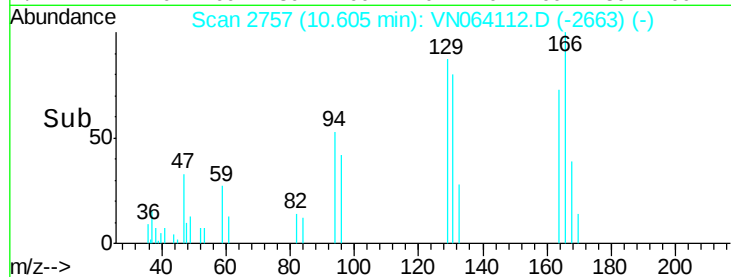
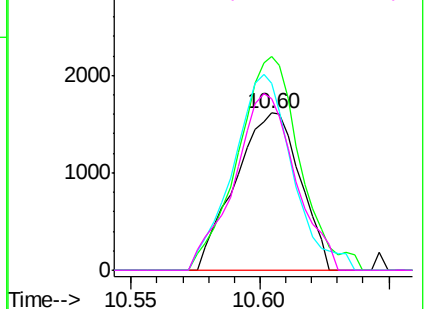


Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65

Chlorobenzene

Concen: 0.929 ug/l

RT: 11.41 min Scan# 3006

Delta R.T. 0.00 min

Lab File: VN064112.D

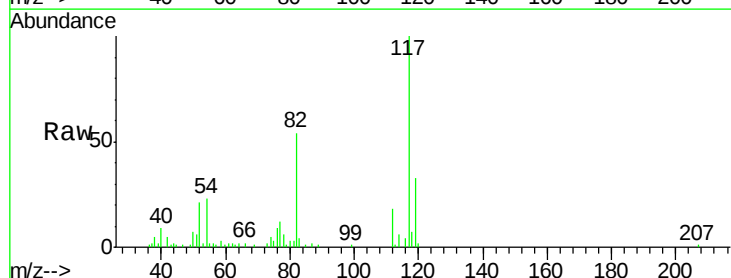
Acq: 14 Oct 2020 13:17

Tgt Ion:112 Resp: 8244

Ion Ratio Lower Upper

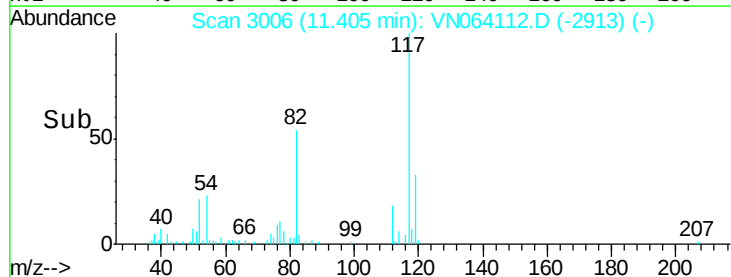
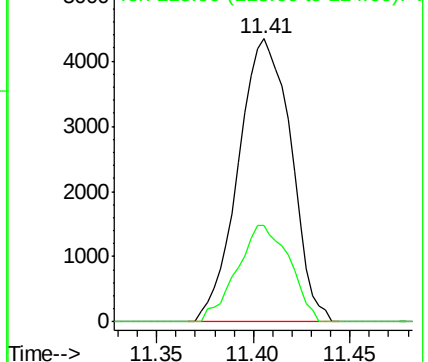
112 100

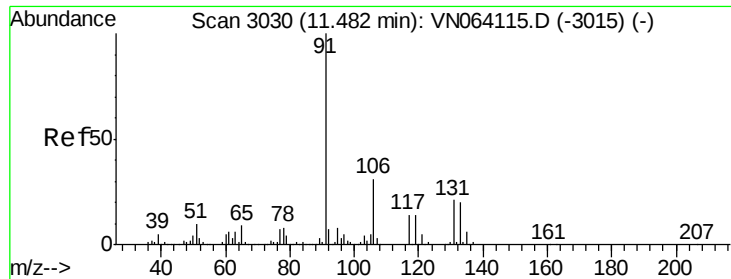
114 34.0 24.6 37.0



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V





#66

1,1,1,2-Tetrachloroethane

Concen: 0.880 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

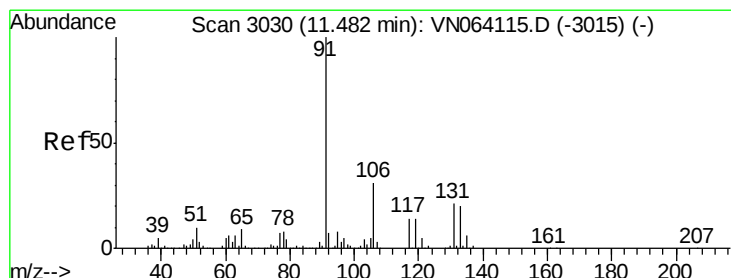
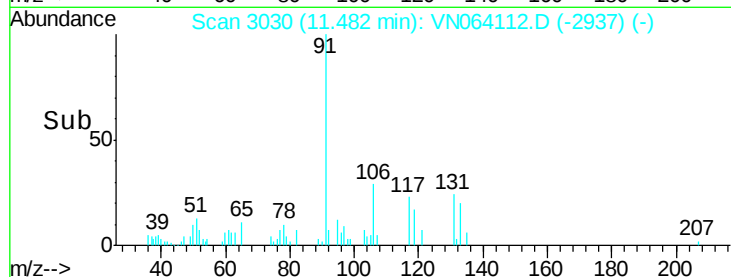
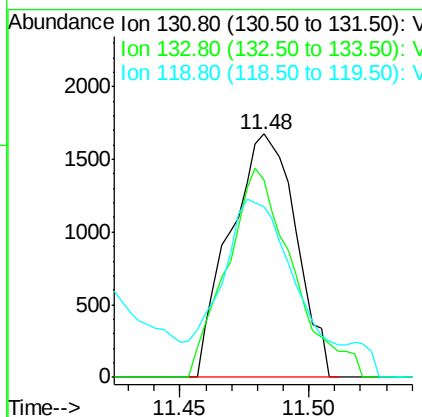
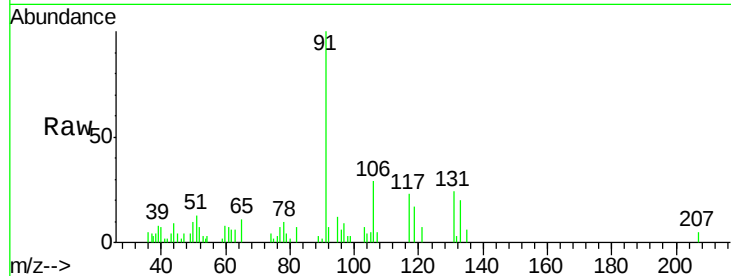
ClientSampleId :

VSTDIC001

Tot Ion	Ratio	Lower	Upper
131	100		
133	85.8	47.3	141.9
119	0.0	32.8	98.4#

Manual Integrations
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#67

Ethyl Benzene

Concen: 0.751 ug/l

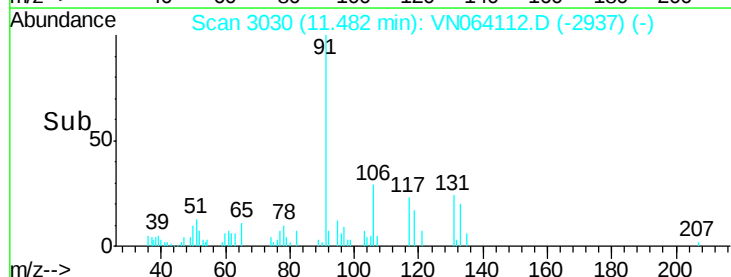
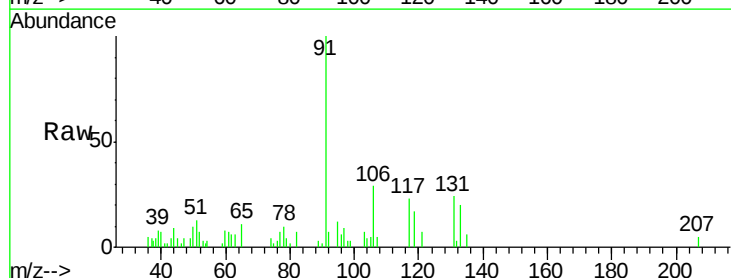
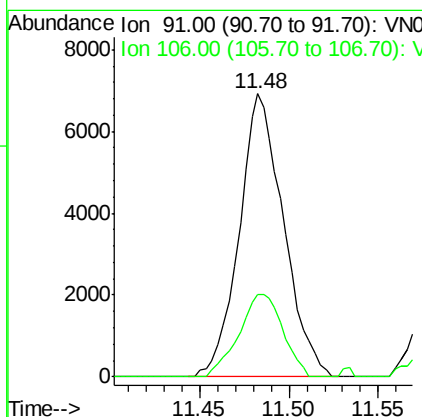
RT: 11.48 min Scan# 3030

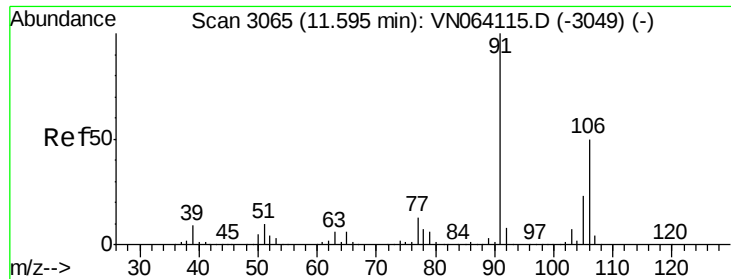
Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
106	29.3	24.7	37.1





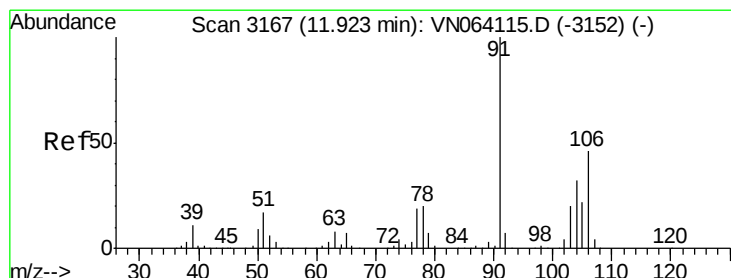
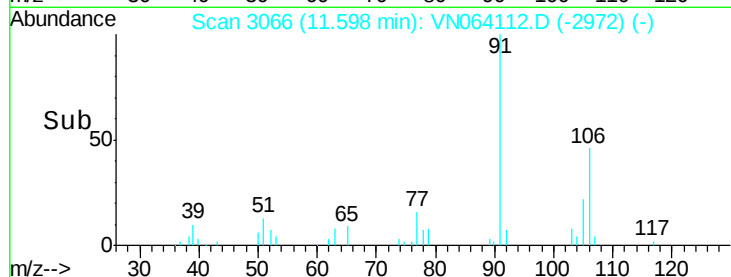
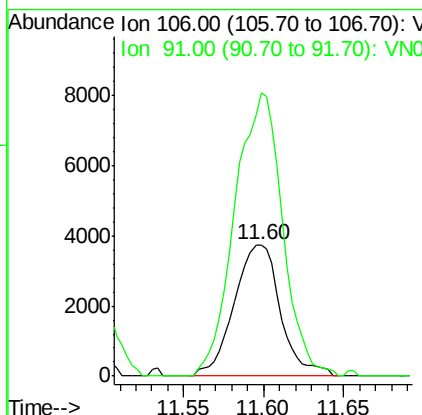
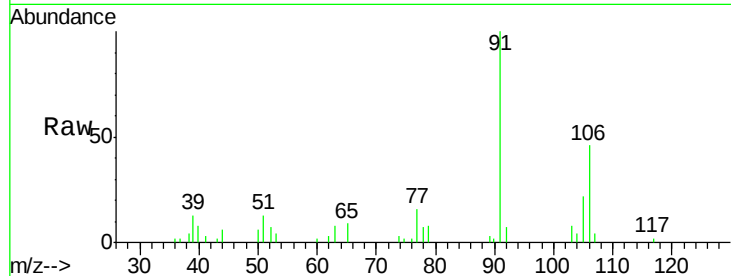
#68
m/p-Xylenes
Concen: 1.240 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion:106 Resp: 7411
Ion Ratio Lower Upper
106 100
91 222.7 162.1 243.1

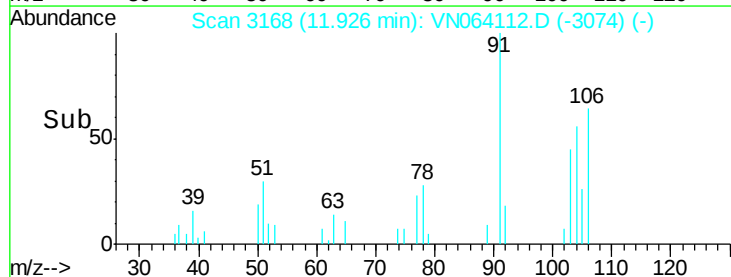
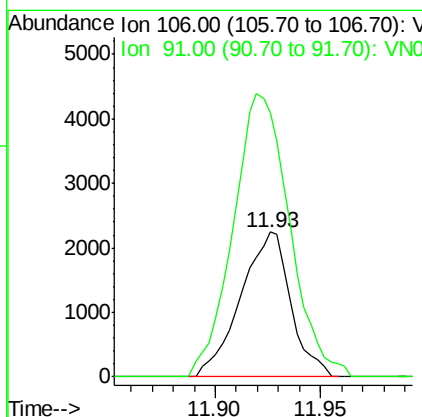
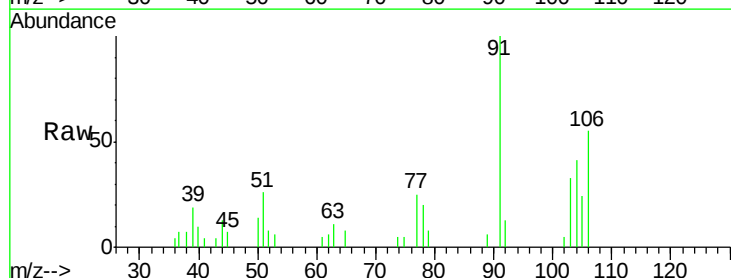
Manual Integrations
APPROVED

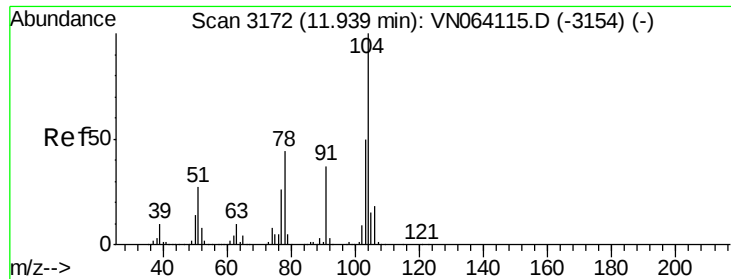
MMDadoda
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#69
o-Xylene
Concen: 0.662 ug/l
RT: 11.93 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion:106 Resp: 3699
Ion Ratio Lower Upper
106 100
91 220.2 107.6 322.8





#70

Stvrene

Concen: 0.611 ug/l

RT: 11.94 min Scan# 3173

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

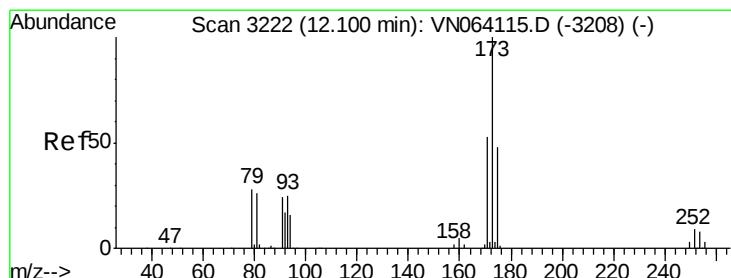
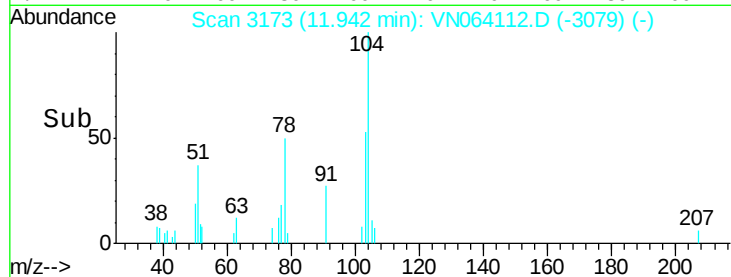
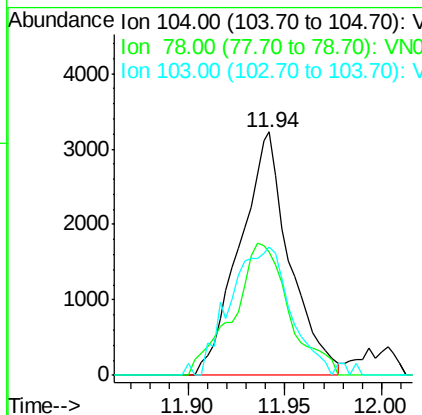
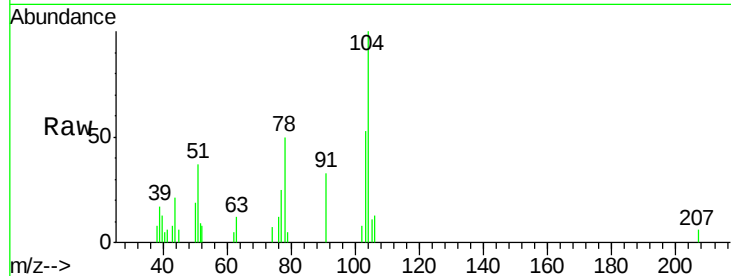
ClientSampleId :

VSTDIC001

Tot Ion:	104	Resp:	5785
Ion	Ratio	Lower	Upper
104	100		
78	60.8	39.7	59.5#
103	63.8	44.2	66.2

Manual Integrations
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#71

Bromoform

Concen: 0.726 ug/l

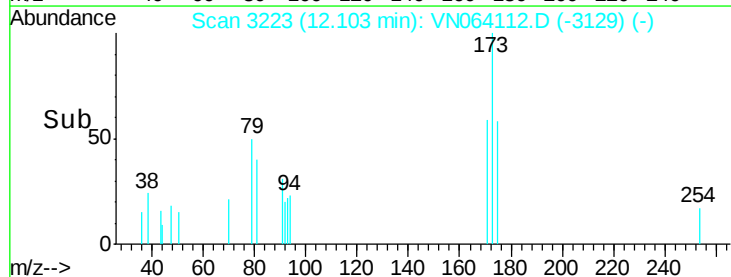
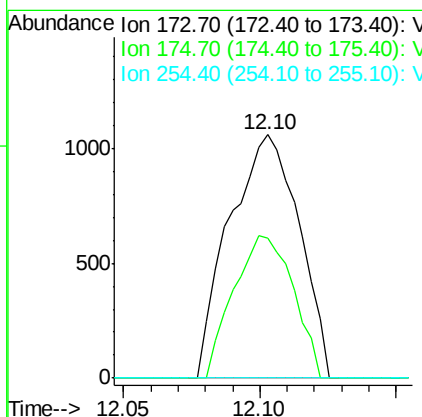
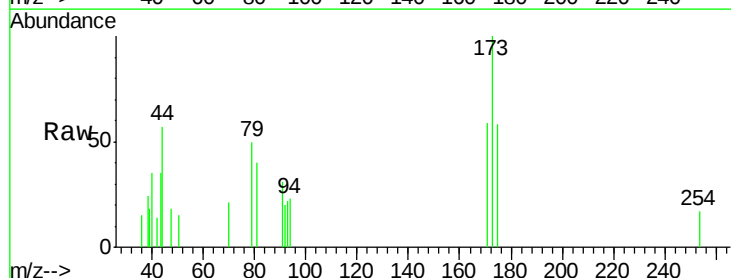
RT: 12.10 min Scan# 3223

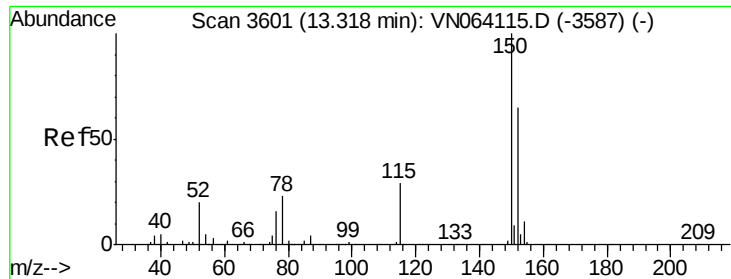
Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion:	173	Resp:	1877
Ion	Ratio	Lower	Upper
173	100		
175	50.2	23.4	70.2
254	0.0	0.1	0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:152 Resp: 144347

Ion Ratio Lower Upper

152 100

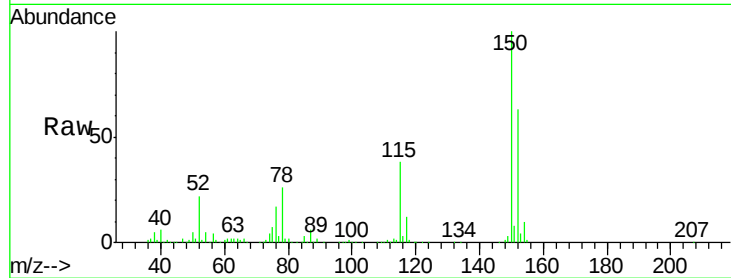
115 59.8 29.3 87.8

150 158.2 0.0 346.0

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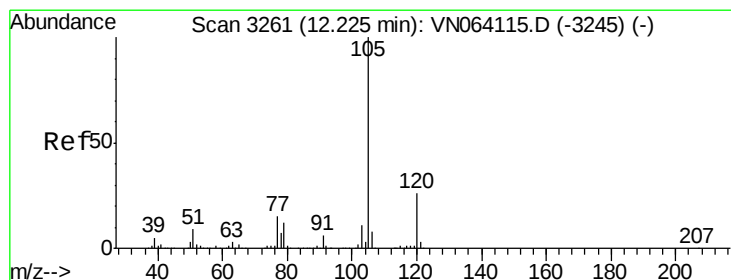
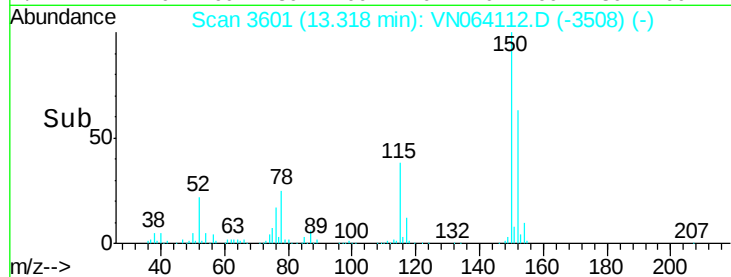
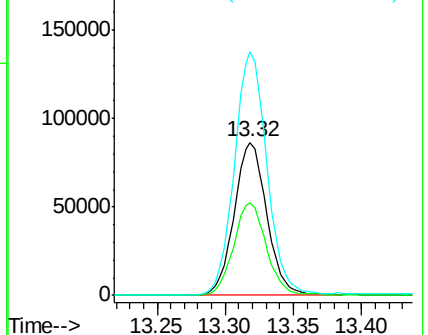
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Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 0.913 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. 0.00 min

Lab File: VN064112.D

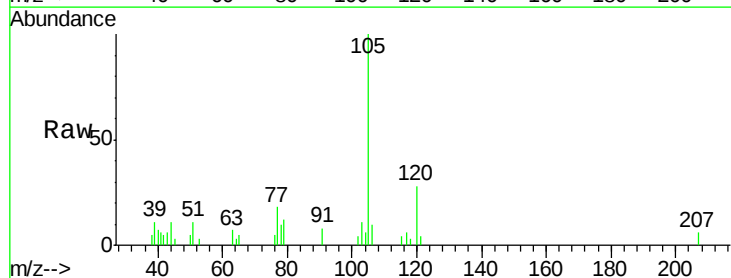
Acq: 14 Oct 2020 13:17

Tgt Ion:105 Resp: 9623

Ion Ratio Lower Upper

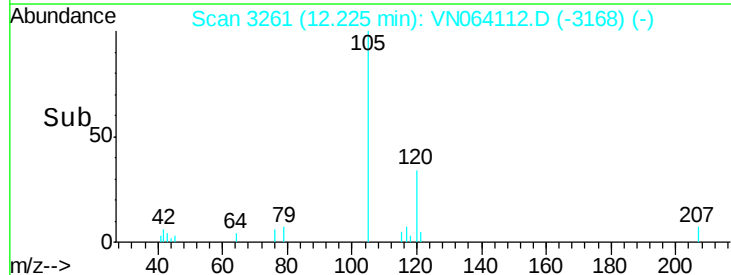
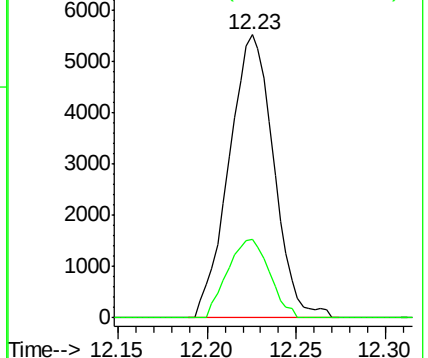
105 100

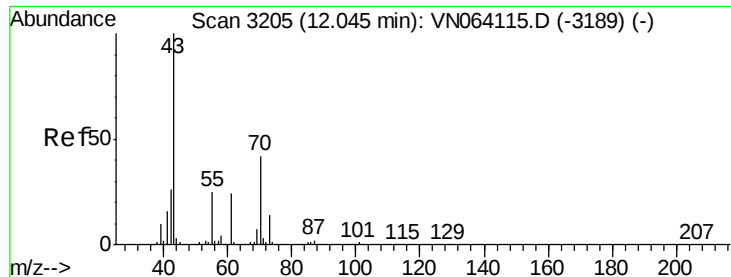
120 26.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.855 ug/l m

RT: 12.05 min Scan# 3207

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 43 Resp: 3638

Ion Ratio Lower Upper

43 100

70 0.0 33.2 49.8#

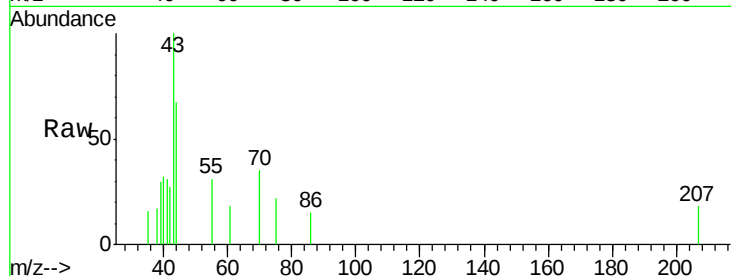
55 7.3 19.9 29.9#

61 4.2 18.8 28.2#

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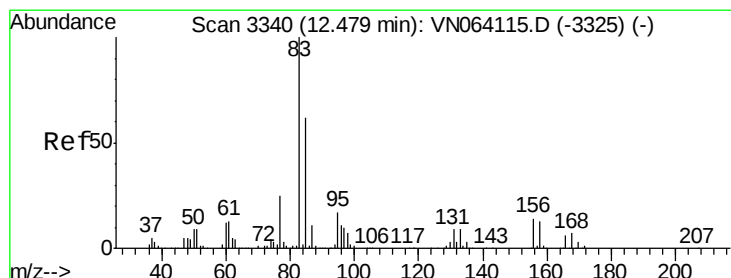
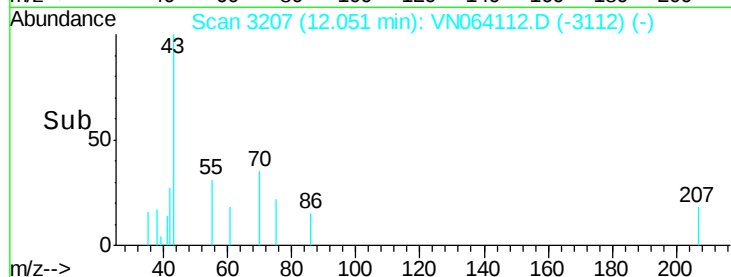
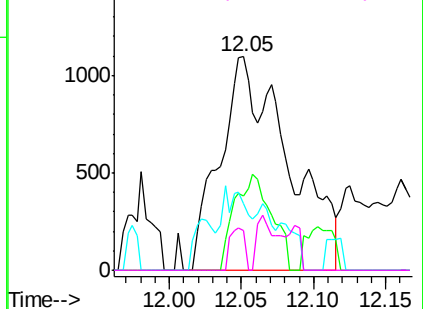


Abundance Ion 43.00 (42.70 to 43.70): VN064112.D (-3189) (-)

Ion 70.00 (69.70 to 70.70): VN064112.D (-3189) (-)

Ion 55.00 (54.70 to 55.70): VN064112.D (-3189) (-)

Ion 61.00 (60.70 to 61.70): VN064112.D (-3189) (-)



#75

1,1,2,2-Tetrachloroethane

Concen: 1.263 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

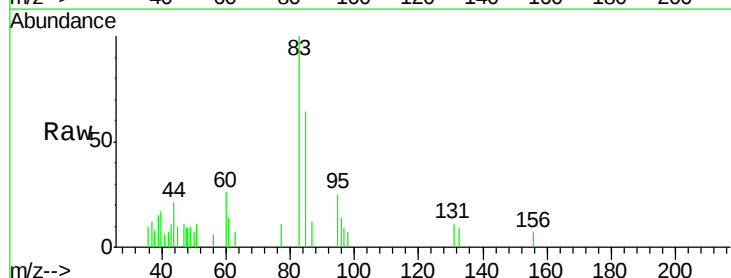
Tgt Ion: 83 Resp: 4105

Ion Ratio Lower Upper

83 100

131 10.4 5.0 15.0

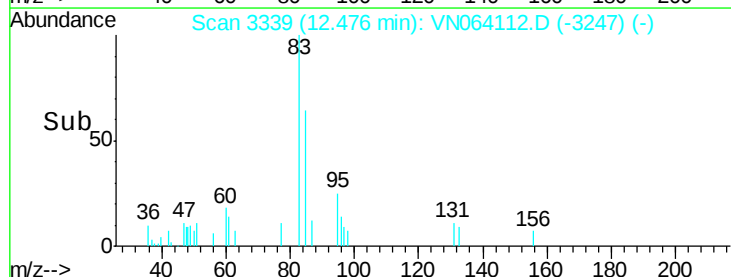
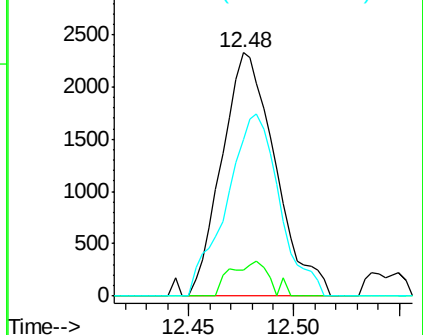
85 74.0 31.9 95.9

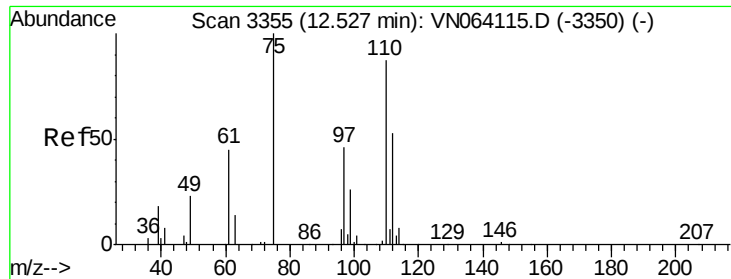


Abundance Ion 82.90 (82.60 to 83.60): VN064112.D (-3325) (-)

Ion 130.80 (130.50 to 131.50): VN064112.D (-3325) (-)

Ion 84.90 (84.60 to 85.60): VN064112.D (-3325) (-)





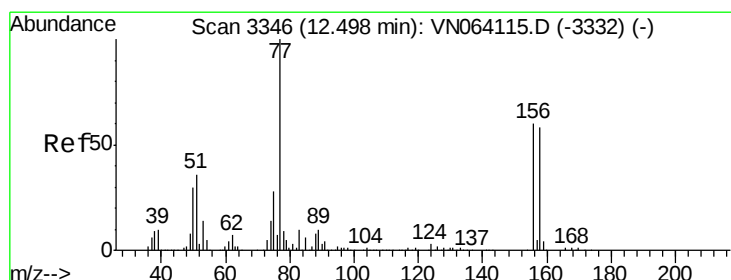
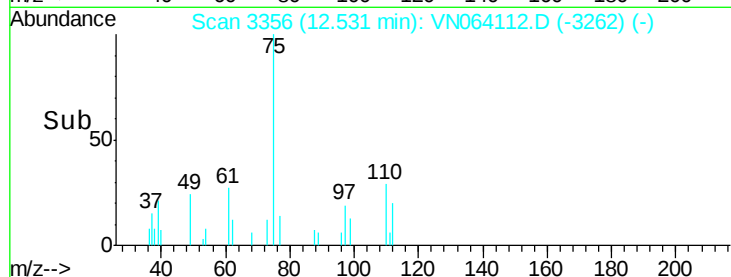
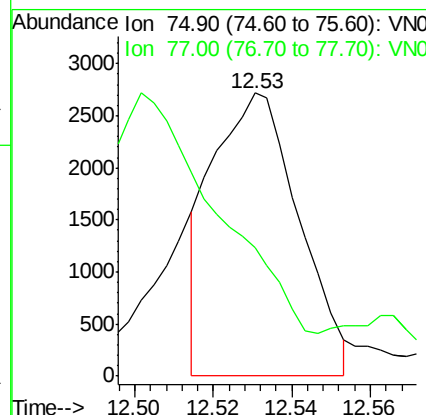
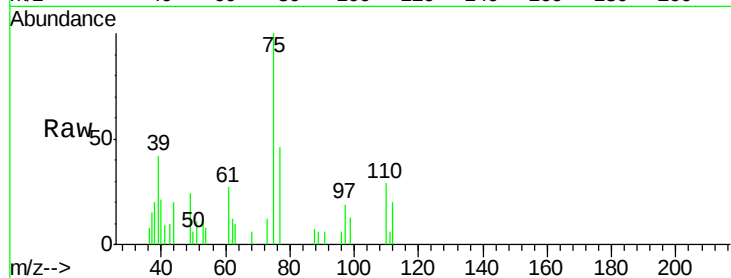
#76
 1,2,3-Trichloropropane
 Concen: 1.302 ug/l m
 RT: 12.53 min Scan# 3356
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

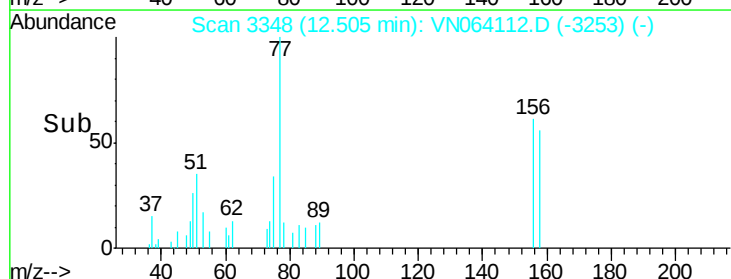
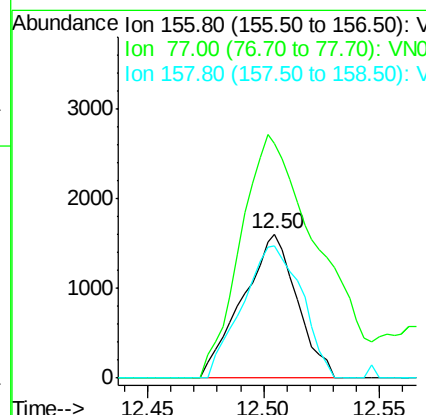
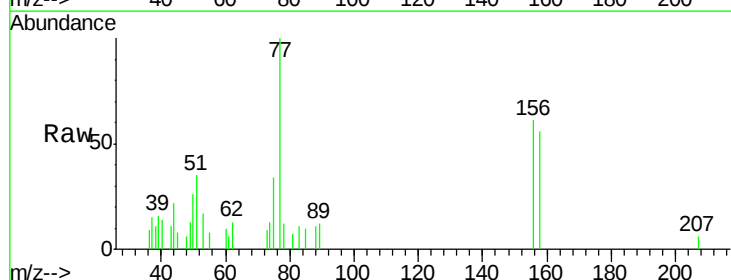
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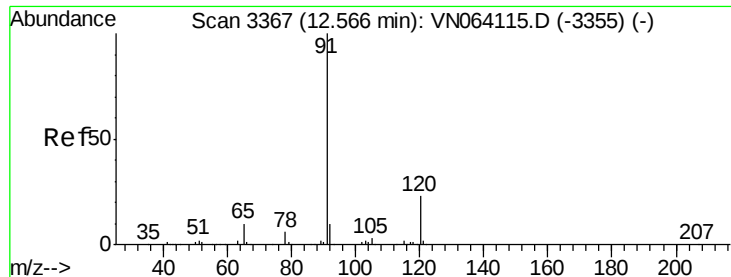
MMDadoda
 10/15/2020 12:17:19 PM



#77
 Bromobenzene
 Concen: 0.998 ug/l
 RT: 12.50 min Scan# 3348
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
156	100		
77	240.5	99.3	297.9
158	100.5	48.6	145.9





#78

n-propylbenzene

Concen: 0.848 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion: 91 Resp: 10392

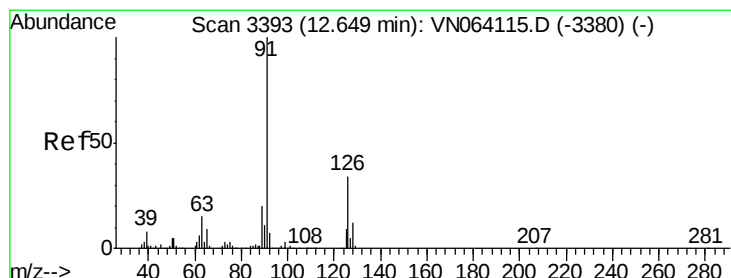
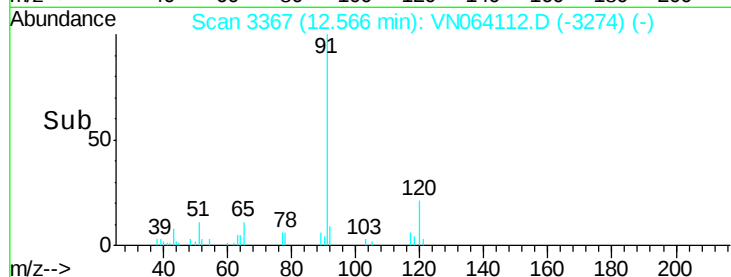
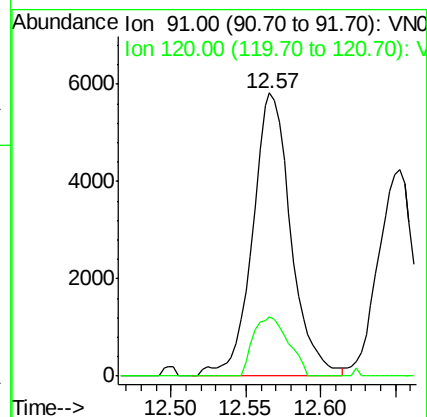
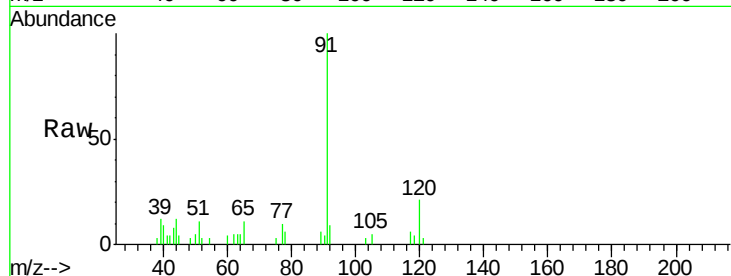
Ion Ratio Lower Upper

91 100

120 19.1 11.5 34.5

Manual Integrations
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#79

2-Chlorotoluene

Concen: 0.953 ug/l

RT: 12.65 min Scan# 3394

Delta R.T. 0.00 min

Lab File: VN064112.D

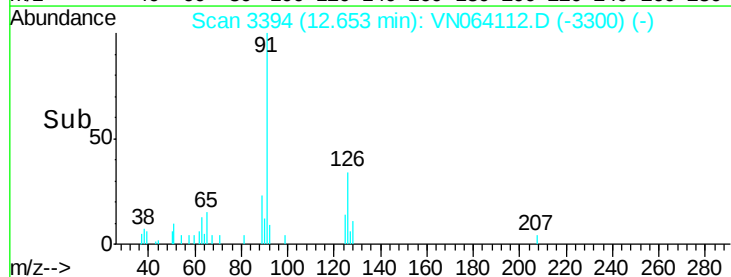
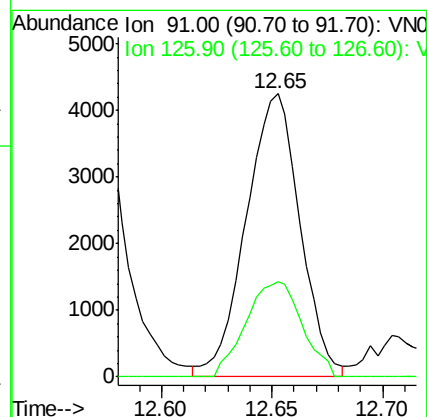
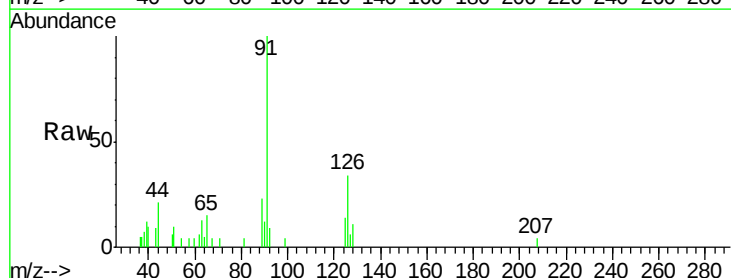
Acq: 14 Oct 2020 13:17

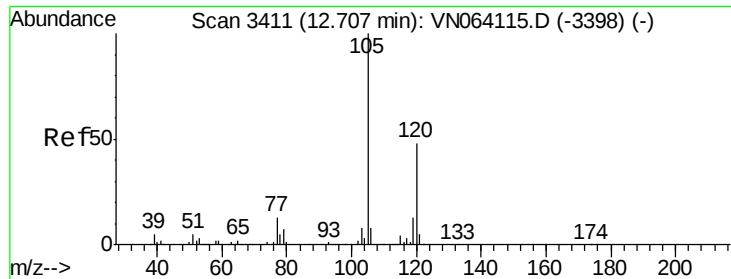
Tgt Ion: 91 Resp: 7202

Ion Ratio Lower Upper

91 100

126 34.9 17.5 52.5





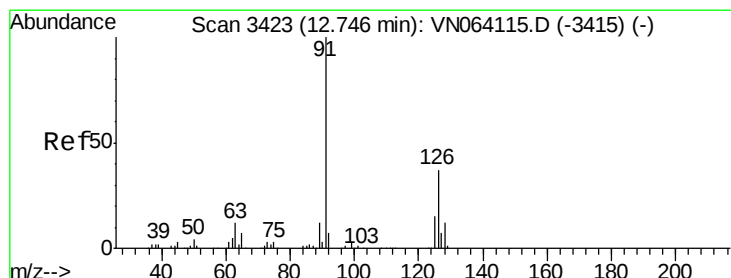
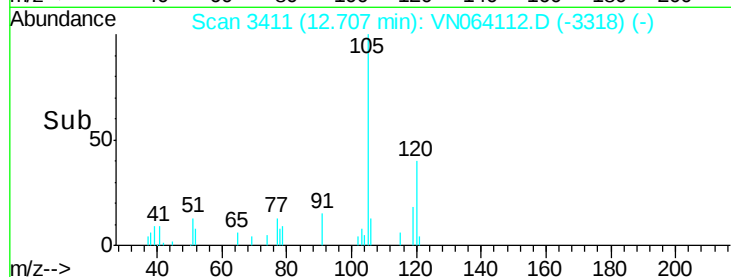
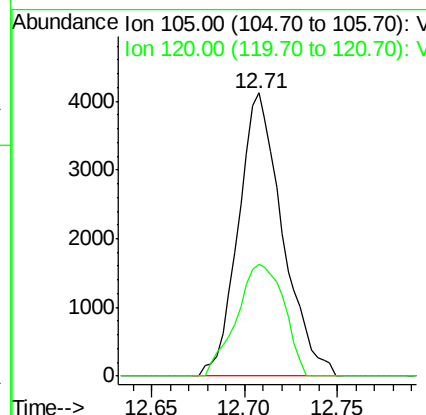
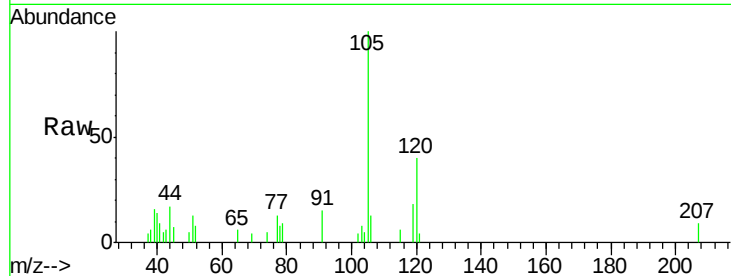
#80
 1,3,5-Trimethylbenzene
 Concen: 0.771 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
105	100		
120	42.4	24.0	72.0

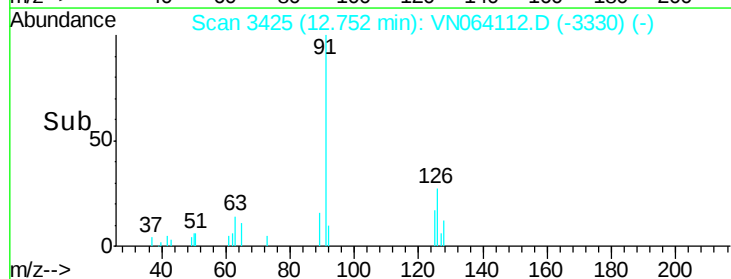
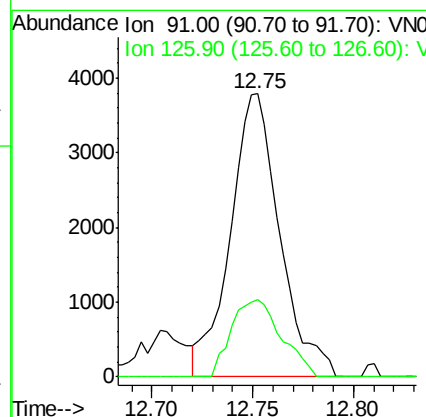
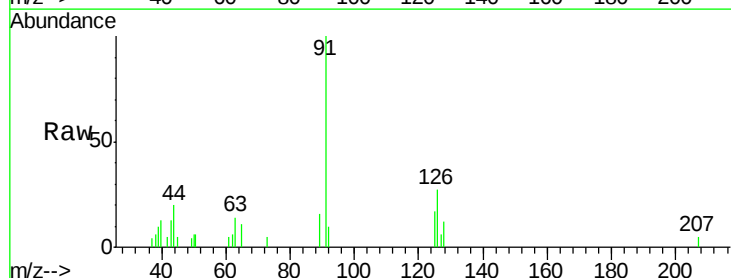
Manual Integrations
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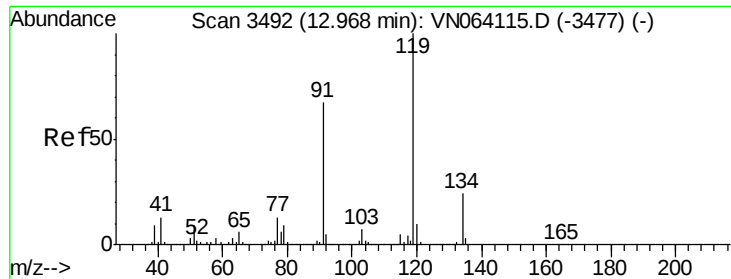
MMDadoda
 10/15/2020 12:17:19 PM



#82
 4-Chlorotoluene
 Concen: 0.832 ug/l
 RT: 12.75 min Scan# 3425
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
91	100		
126	27.6	17.1	51.2





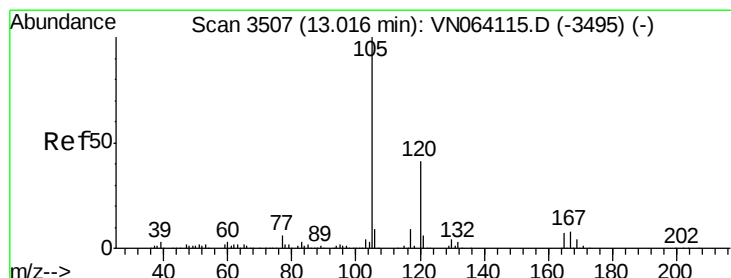
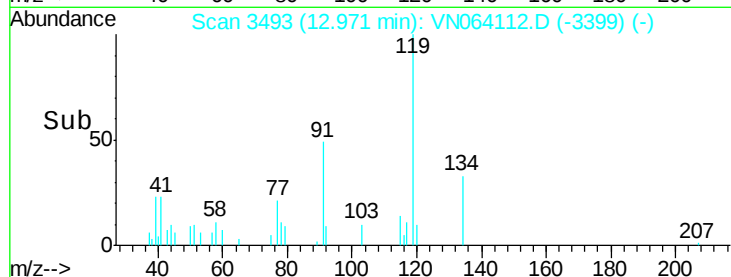
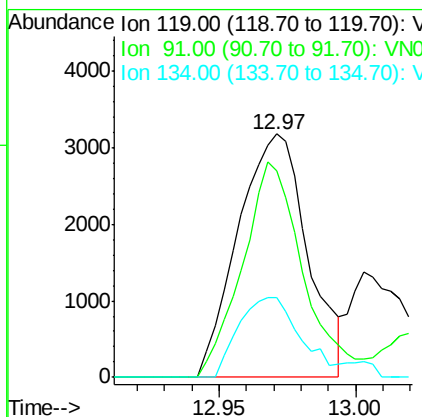
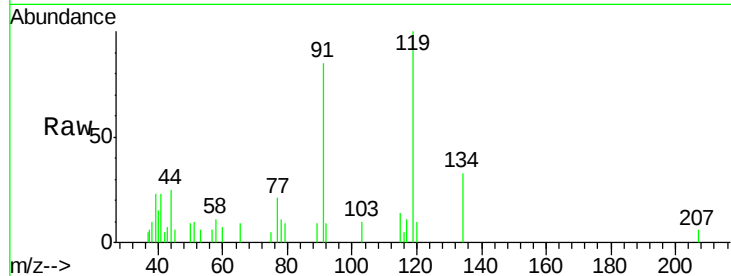
#83
tert-Butylbenzene
Concen: 0.779 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
119	100		
91	77.3	32.6	98.0
134	29.2	13.0	39.0

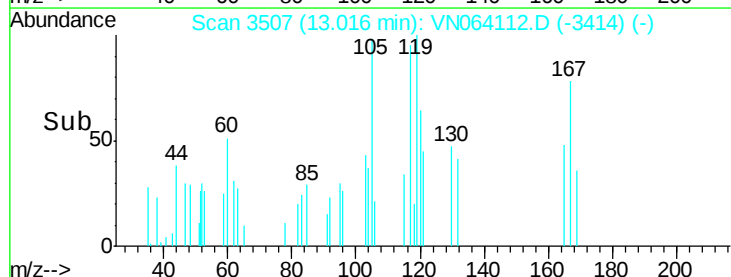
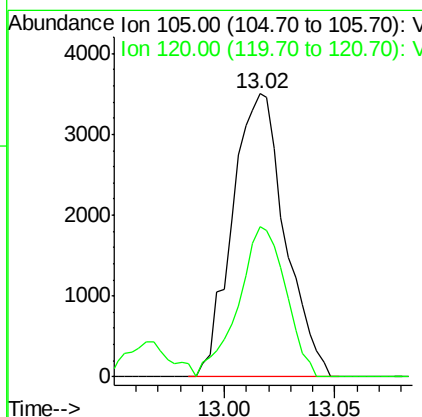
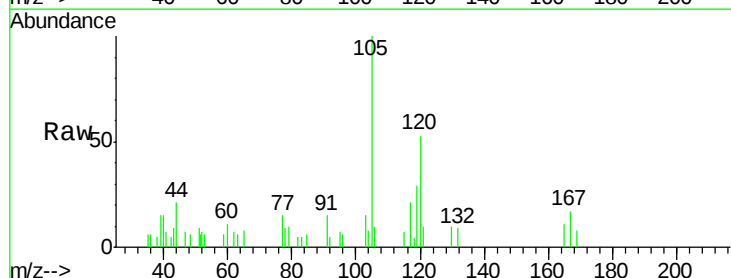
Manual Integrations
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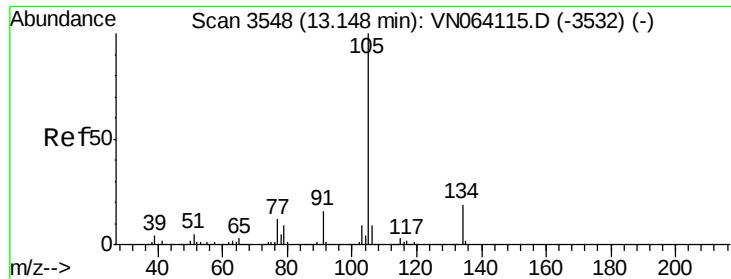
MMDadoda
10/15/2020 12:17:19 PM



#84
1,2,4-Trimethylbenzene
Concen: 0.660 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.7	22.8	68.4





#85

sec-Butylbenzene

Concen: 0.764 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tot Ion:105 Resp: 7238

Ion Ratio Lower Upper

105 100

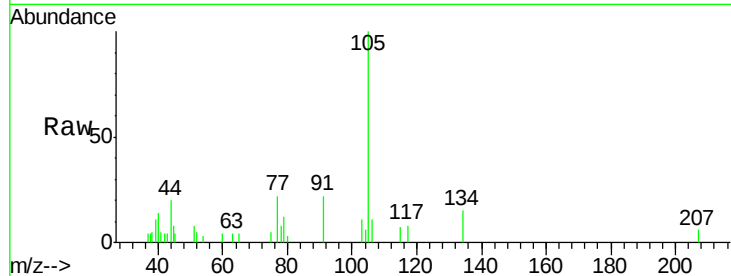
134 17.7 9.7 29.1

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.14

5000

4000

3000

2000

1000

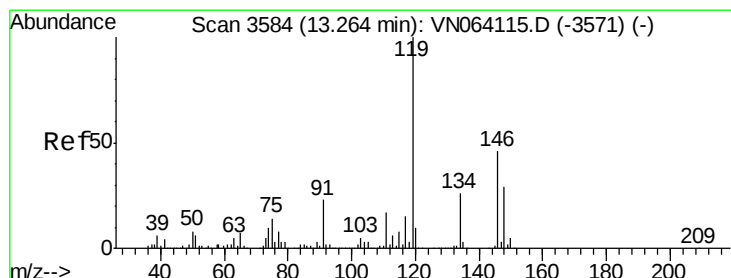
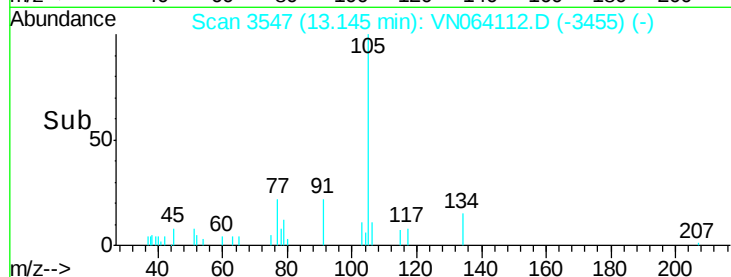
0

Time-->

13.10

13.15

13.20



#86

p-Isopropyltoluene

Concen: 0.630 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

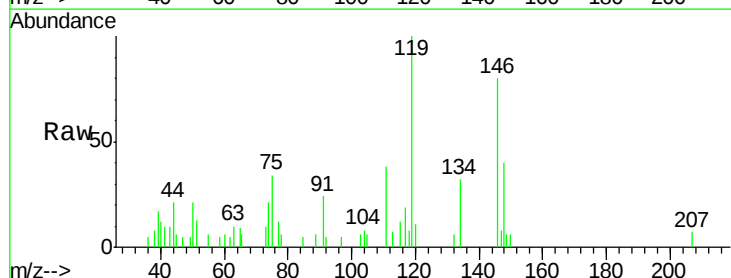
Tgt Ion:119 Resp: 5274

Ion Ratio Lower Upper

119 100

134 31.9 13.2 39.5

91 28.0 12.0 36.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.26

4000

3000

2000

1000

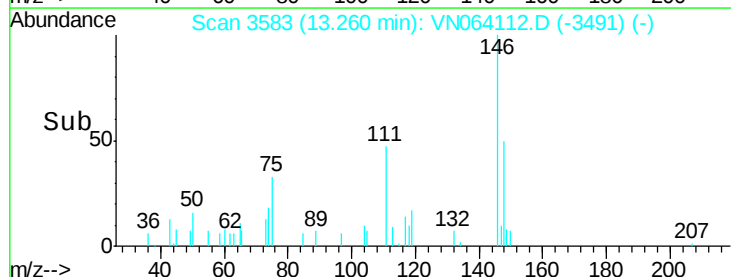
0

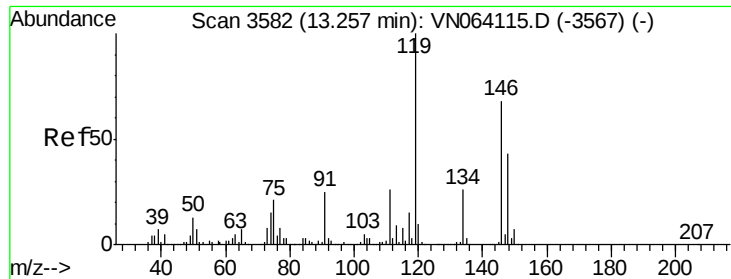
Time-->

13.20

13.25

13.30





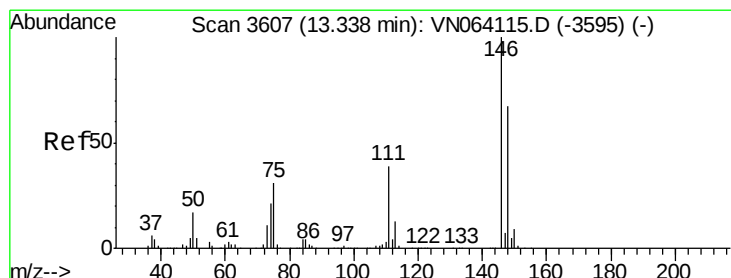
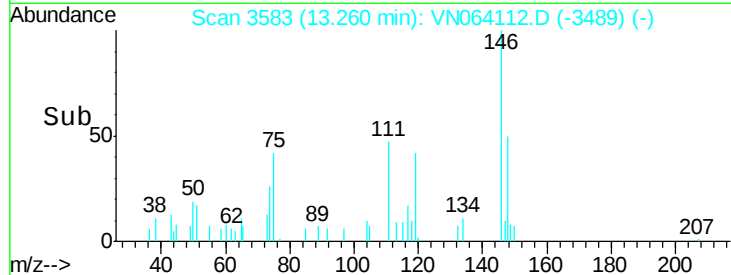
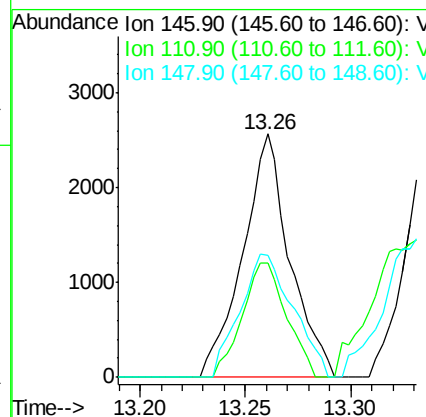
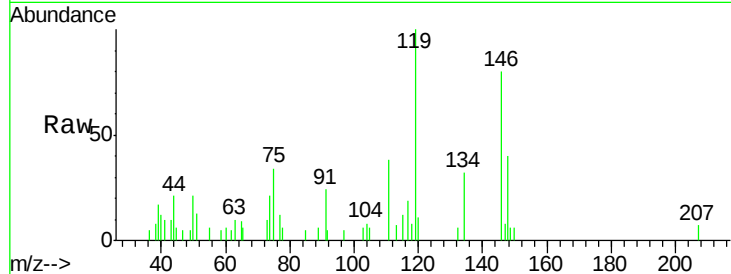
#87
 1,3-Dichlorobenzene
 Concen: 0.841 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	19.7	59.1
148	56.8	32.0	96.2

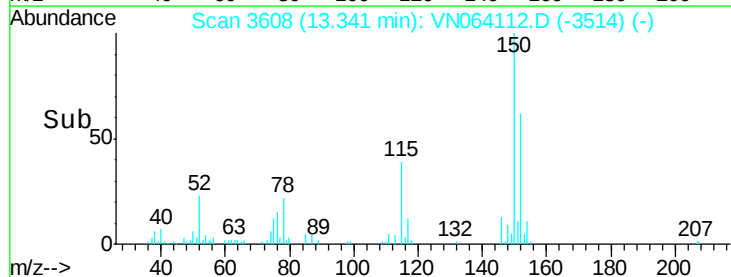
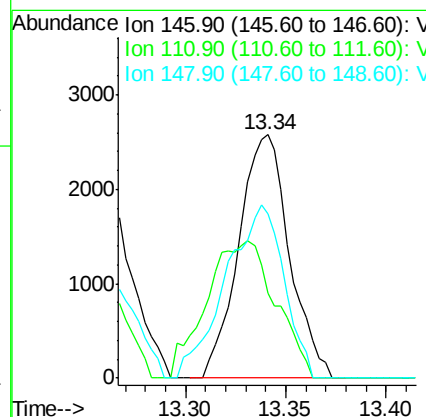
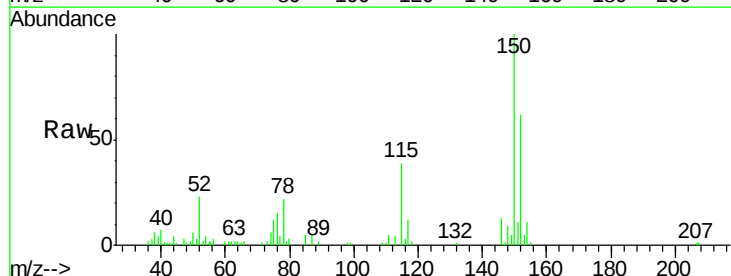
Manual Integrations
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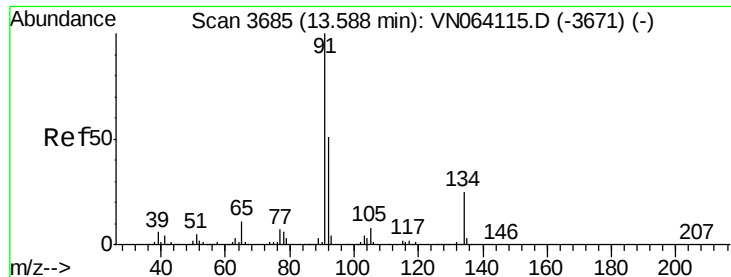
MMDadoda
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#88
 1,4-Dichlorobenzene
 Concen: 0.910 ug/l m
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.3	57.9
148	50.4	32.1	96.5





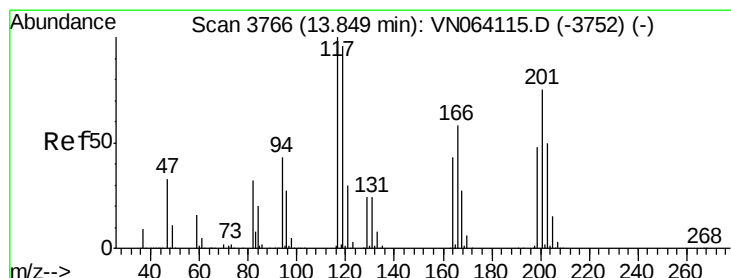
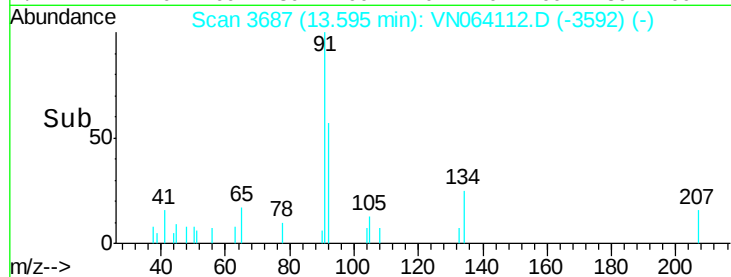
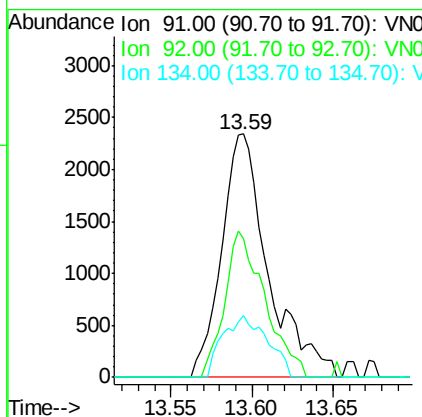
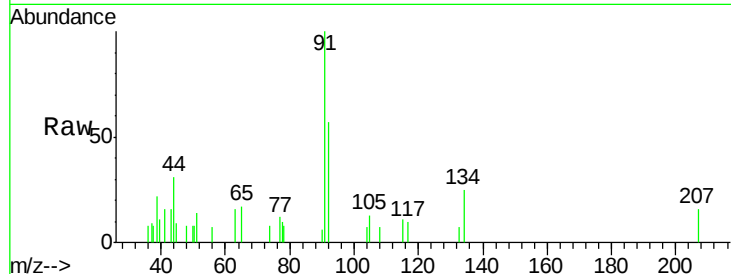
#89
n-Butylbenzene
Concen: 0.621 ug/l m
RT: 13.59 min Scan# 3687
Delta R.T. 0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.6	25.6	76.6
134	24.1	12.6	37.8

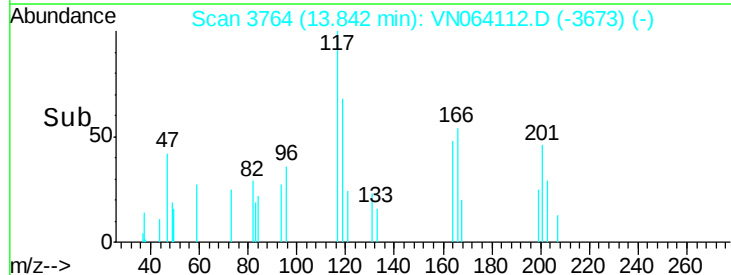
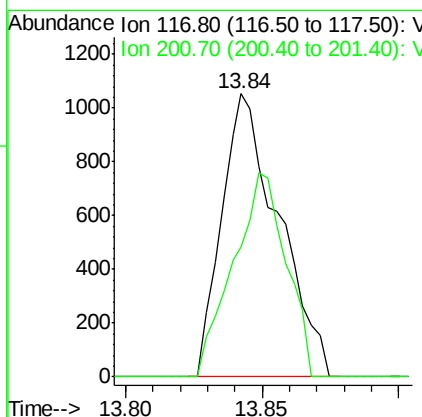
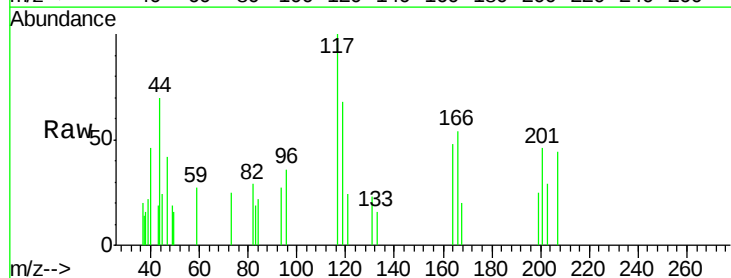
Manual Integrations
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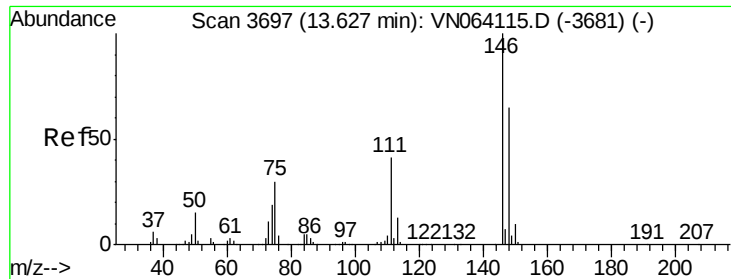
MMDadoda
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#90
Hexachloroethane
Concen: 0.958 ug/l
RT: 13.84 min Scan# 3764
Delta R.T. -0.01 min
Lab File: VN064112.D
Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
201	66.6	37.4	112.2





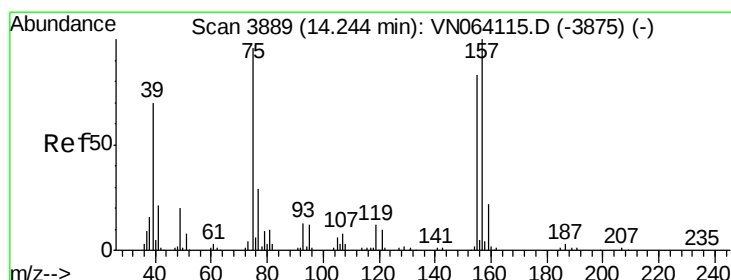
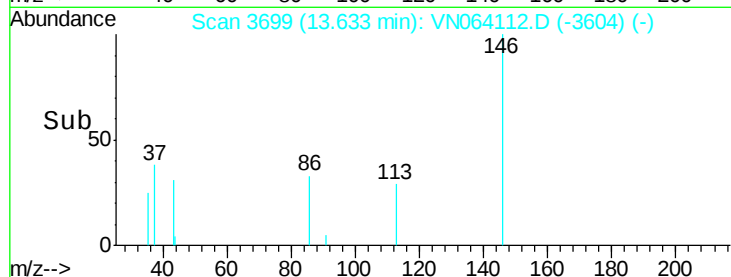
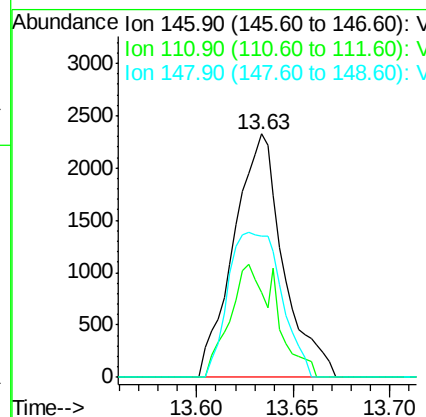
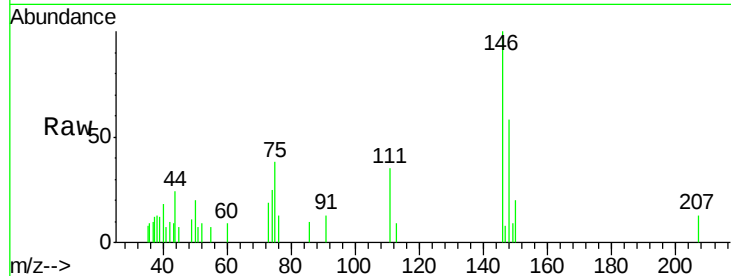
#91
 1,2-Dichlorobenzene
 Concen: 0.881 ug/l
 RT: 13.63 min Scan# 3699
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.5	20.3	60.8
148	64.2	32.2	96.6

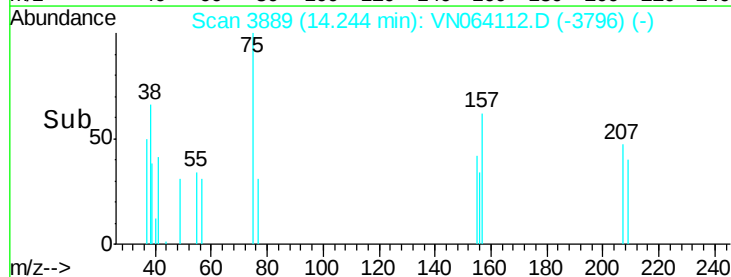
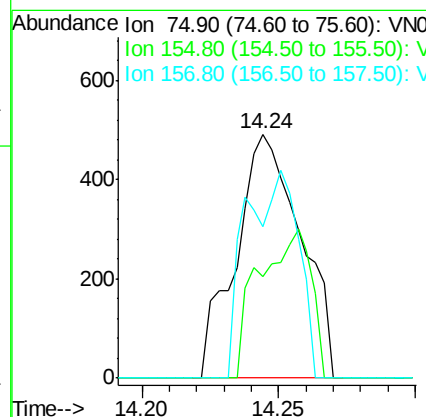
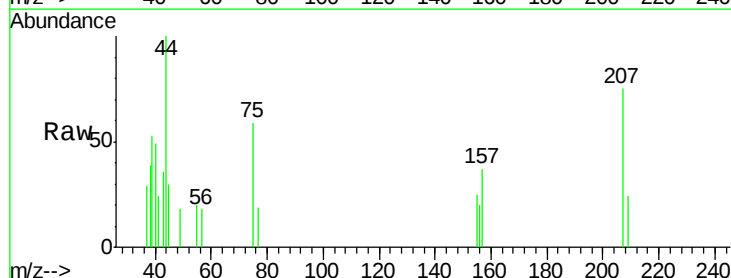
Manual Integrations
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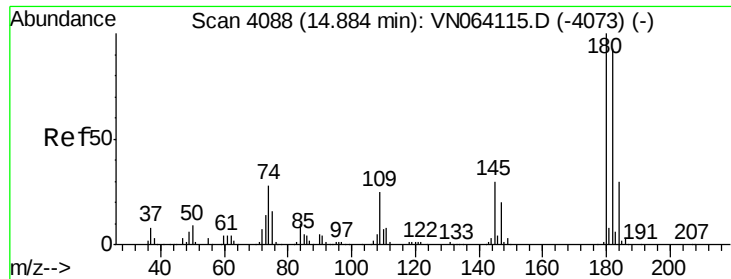
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.092 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
75	100		
155	49.1	40.8	122.2
157	69.4	53.9	161.7





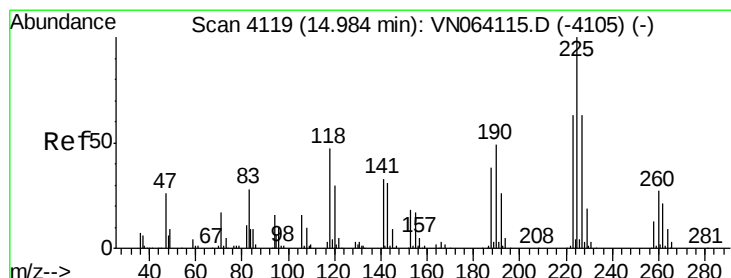
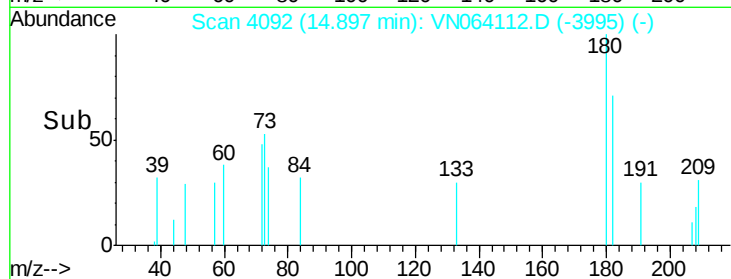
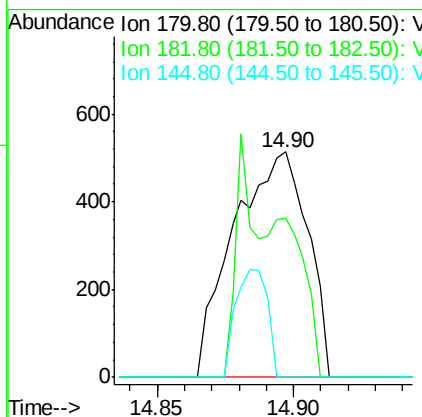
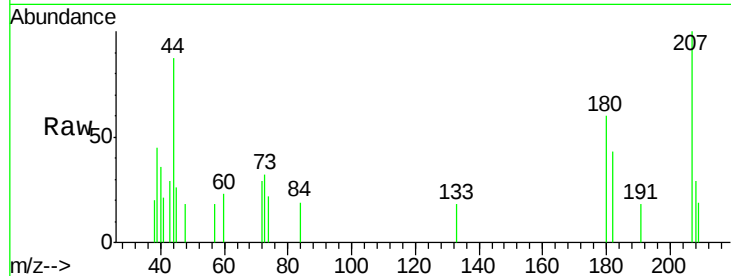
#93
 1,2,4-Trichlorobenzene
 Concen: 0.385 ug/l
 RT: 14.90 min Scan# 4092
 Delta R.T. 0.01 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tot Ion	Ratio	Lower	Upper
180	100		
182	28.1	45.8	137.4#
145	20.5	15.4	46.1

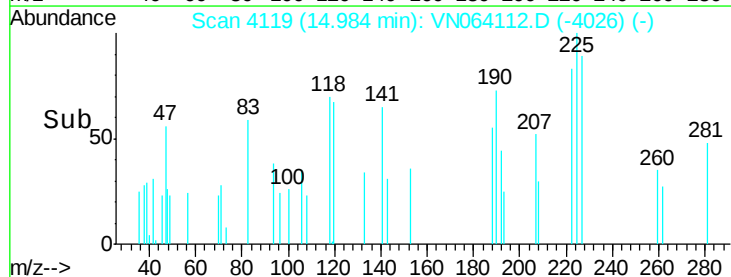
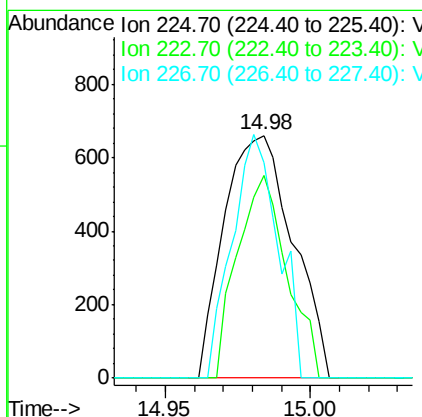
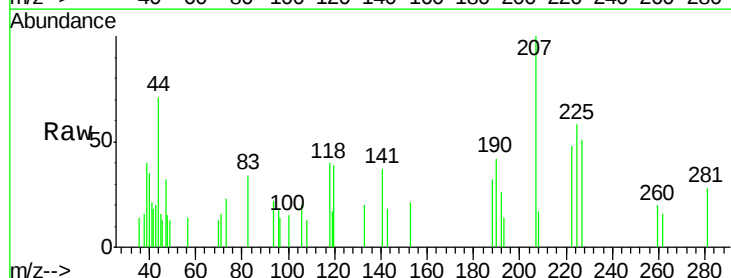
Manual Integrations
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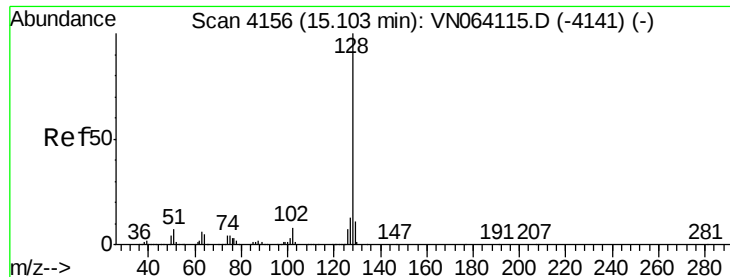
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 10/15/2020 12:17:19 PM



#94
 Hexachlorobutadiene
 Concen: 0.748 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064112.D
 Acq: 14 Oct 2020 13:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.1	32.3	96.9
227	67.4	31.6	94.8





#95

Naphthalene

Concen: 0.361 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Instrument :

MSVOA_N

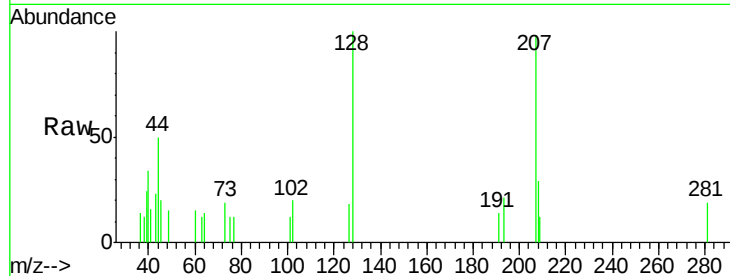
ClientSampleId :

VSTDIC001

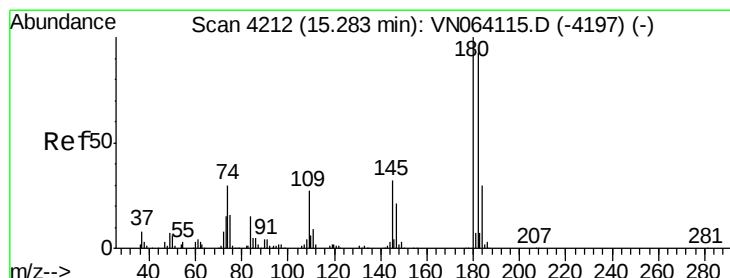
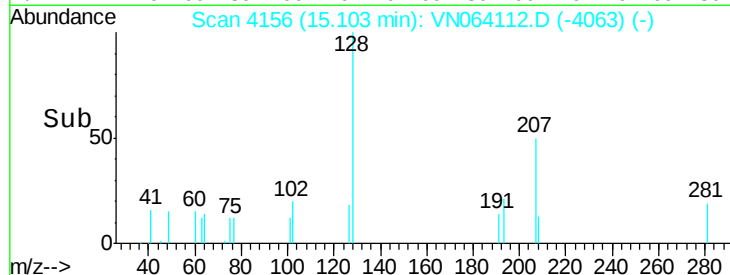
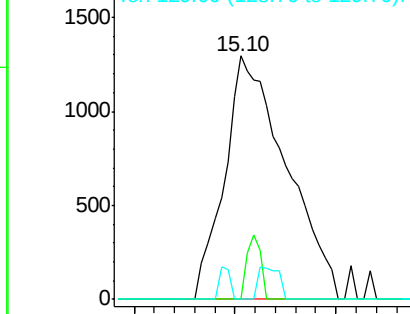
Tot Ion:	128	Resp:	2756
Ion Ratio	Lower	Upper	
128	100		
127	6.0	10.2	15.4#
129	4.5	8.5	12.7#

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.360 ug/l

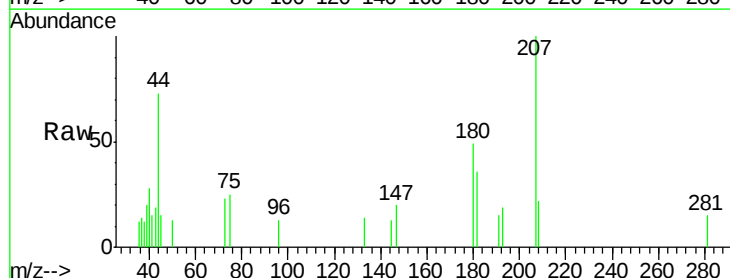
RT: 15.29 min Scan# 4214

Delta R.T. 0.01 min

Lab File: VN064112.D

Acq: 14 Oct 2020 13:17

Tgt Ion:	180	Resp:	909
Ion Ratio	Lower	Upper	
180	100		
182	90.9	46.6	139.8
145	7.2	16.1	48.2#



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

