

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN113020\
 Data File : VN064872.D
 Acq On : 30 Nov 2020 15:10
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 9:35:14 AM

Quant Time: Dec 01 02:26:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	318090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	288972	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	147808	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	113455	46.71	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.42%
35) Dibromofluoromethane	7.55	113	97905	51.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.88%
50) Toluene-d8	10.06	98	382680	49.21	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.42%
62) 4-Bromofluorobenzene	12.38	95	138795	49.87	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.74%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	88893	49.094	ug/l	98
3) Chloromethane	2.04	50	110920	47.140	ug/l	98
4) Vinyl Chloride	2.16	62	119825	48.845	ug/l	97
5) Bromomethane	2.52	94	75956	47.193	ug/l	99
6) Chloroethane	2.67	64	75243	49.590	ug/l	99
7) Trichlorofluoromethane	2.98	101	174549	51.473	ug/l	98
8) Diethyl Ether	3.37	74	66942	50.012	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	111049	54.590	ug/l	99
10) Methyl Iodide	3.90	142	130528	49.469	ug/l	98
11) Tert butyl alcohol	4.75	59	92806	245.008	ug/l	99
12) 1,1-Dichloroethene	3.69	96	103535	51.105	ug/l	98
13) Acrolein	3.56	56	68800	297.359	ug/l	98
14) Allyl chloride	4.27	41	170510	51.028	ug/l	99
15) Acrylonitrile	4.93	53	280041	267.620	ug/l	98
16) Acetone	3.78	43	192355	240.914	ug/l	99
17) Carbon Disulfide	4.00	76	260316	49.765	ug/l	99
18) Methyl Acetate	4.28	43	123413	51.410	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	347518	53.484	ug/l	99
20) Methylene Chloride	4.50	84	123556	49.384	ug/l	97
21) trans-1,2-Dichloroethene	4.98	96	114661	50.965	ug/l	99
22) Diisopropyl ether	5.90	45	364405	54.485	ug/l	97
23) Vinyl Acetate	5.84	43	1467427	274.369	ug/l	100
24) 1,1-Dichloroethane	5.79	63	210211	52.591	ug/l	100
25) 2-Butanone	6.79	43	339026	261.937	ug/l	96
26) 2,2-Dichloropropane	6.77	77	182634	52.683	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	132401	52.299	ug/l	98
28) Bromochloromethane	7.15	49	88570	48.437	ug/l	96
29) Tetrahydrofuran	7.17	42	230296	257.761	ug/l	99
30) Chloroform	7.32	83	215888	52.375	ug/l	100
31) Cyclohexane	7.61	56	174038	51.411	ug/l	96
32) 1,1,1-Trichloroethane	7.52	97	187586	52.987	ug/l	99
36) 1,1-Dichloropropene	7.75	75	163454	55.439	ug/l	100
37) Ethyl Acetate	6.88	43	148502	52.288	ug/l	97
38) Carbon Tetrachloride	7.73	117	166534	54.285	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	184584	58.156	ug/l	99
40) Benzene	8.00	78	486655	53.864	ug/l	98
41) Methacrylonitrile	7.12	41	63245	48.261	ug/l	97
42) 1,2-Dichloroethane	8.08	62	161600	53.021	ug/l	100
43) Isopropyl Acetate	8.13	43	242576	53.080	ug/l #	91
44) Trichloroethene	8.80	130	145502	54.582	ug/l	98
45) 1,2-Dichloropropane	9.08	63	130638	55.835	ug/l	99
46) Dibromomethane	9.17	93	83712	53.555	ug/l	100
47) Bromodichloromethane	9.37	83	171816	54.629	ug/l	100
48) Methyl methacrylate	9.16	41	117014	53.585	ug/l	97
49) 1,4-Dioxane	9.17	88	44328	1074.022	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	738992	269.351	ug/l	100
52) Toluene	10.12	92	308592	55.462	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	190317	54.329	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	207903	55.370	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	124048	54.217	ug/l	97
56) Ethyl methacrylate	10.40	69	179562	56.871	ug/l	99
57) 1,3-Dichloropropane	10.68	76	206059	54.597	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	503353	289.824	ug/l	100
59) 2-Hexanone	10.72	43	541680	274.333	ug/l	100
60) Dibromochloromethane	10.87	129	139820	54.976	ug/l	99
61) 1,2-Dibromoethane	10.98	107	129399	55.667	ug/l	99
64) Tetrachloroethene	10.60	164	164506	58.514	ug/l	99
65) Chlorobenzene	11.41	112	338388	54.530	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	125434	55.001	ug/l	99
67) Ethyl Benzene	11.48	91	590993	57.008	ug/l	100
68) m/p-Xylenes	11.59	106	459906	117.174	ug/l	99
69) o-Xylene	11.92	106	215778	57.933	ug/l	99
70) Styrene	11.94	104	374408	59.546	ug/l	99
71) Bromoform	12.10	173	98867	54.278	ug/l #	99
73) Isopropylbenzene	12.22	105	580668	56.479	ug/l	100
74) N-amyl acetate	12.05	43	217161	53.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	152029	50.451	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	149733m	47.039	ug/l	
77) Bromobenzene	12.50	156	147035	53.047	ug/l	99
78) n-propylbenzene	12.57	91	676265	57.740	ug/l	99
79) 2-Chlorotoluene	12.65	91	396540	54.772	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	501232	58.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	61472	52.928	ug/l #	93
82) 4-Chlorotoluene	12.75	91	420078	55.356	ug/l	99
83) tert-Butylbenzene	12.97	119	418278	58.395	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	509588	58.979	ug/l	99
85) sec-Butylbenzene	13.14	105	569154	59.846	ug/l	100
86) p-Isopropyltoluene	13.26	119	532378	61.486	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	269053	54.636	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	269225	51.696	ug/l	100
89) n-Butylbenzene	13.59	91	466155	61.305	ug/l	99
90) Hexachloroethane	13.85	117	87884	58.427	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	261778	54.139	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	33579	49.523	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	165275	55.254	ug/l	100
94) Hexachlorobutadiene	14.98	225	82010	60.804	ug/l	98
95) Naphthalene	15.10	128	468375	52.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	157753	55.344	ug/l	99

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

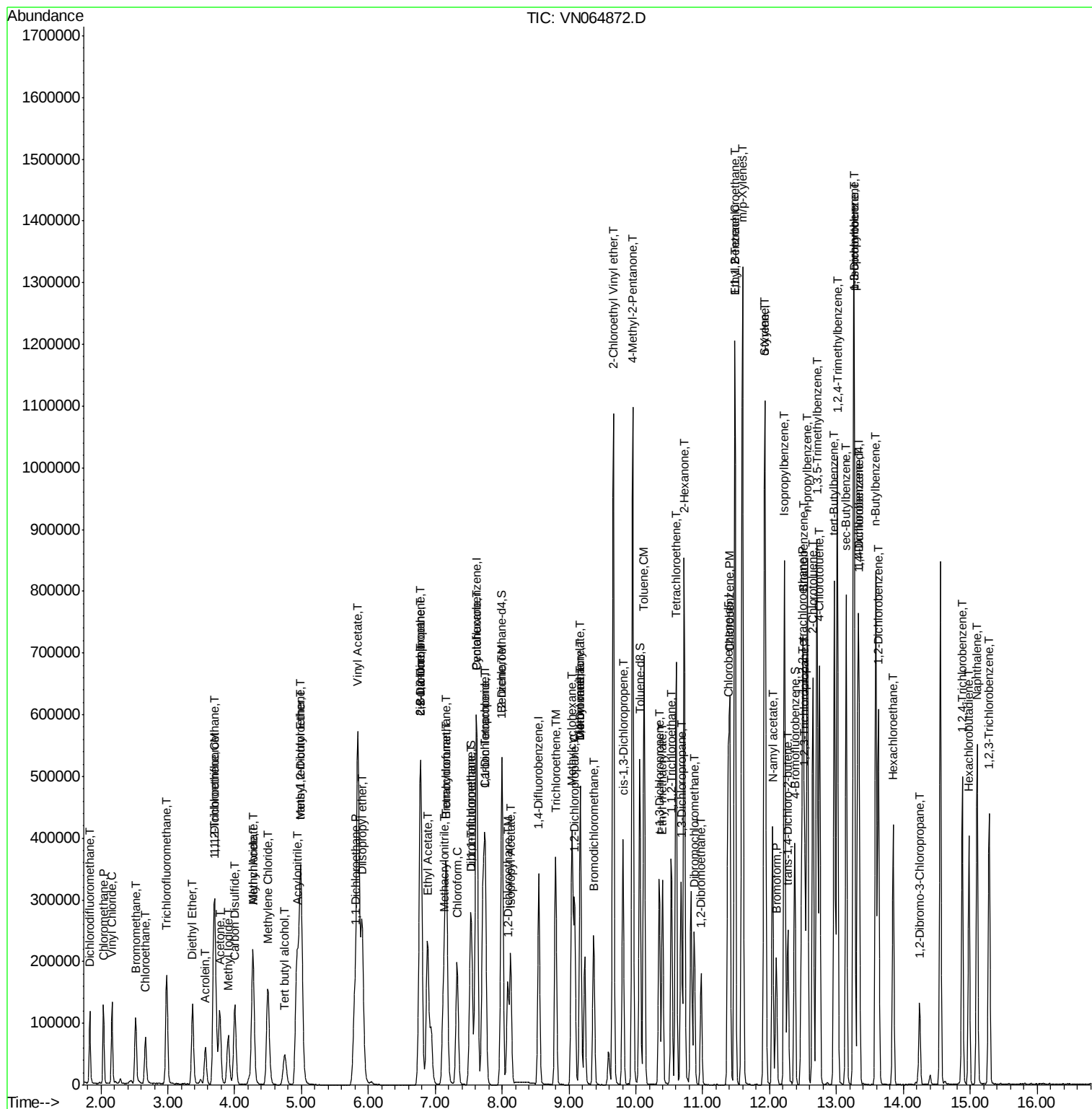
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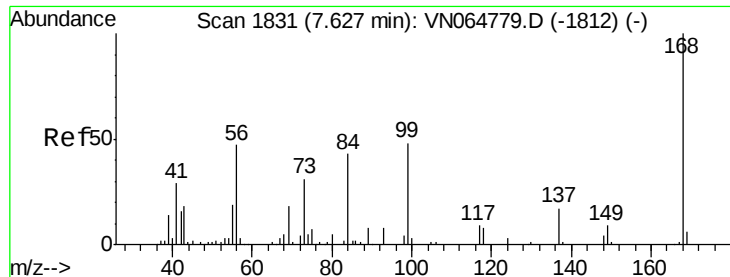
Instrument :
MSVOA_N
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 208923

Ion Ratio Lower Upper

168 100

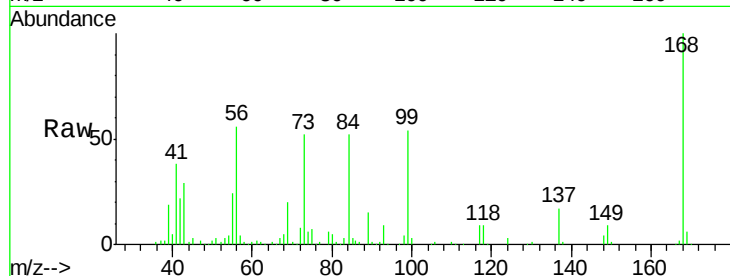
99 54.4 43.0 64.4

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

80000

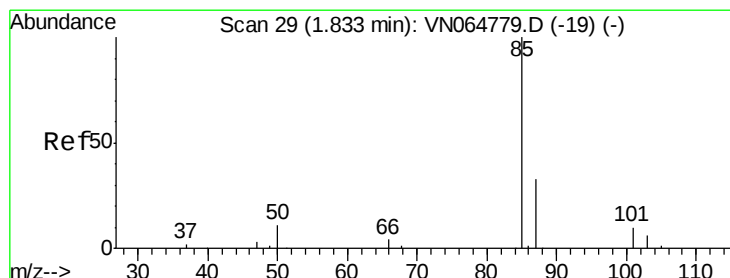
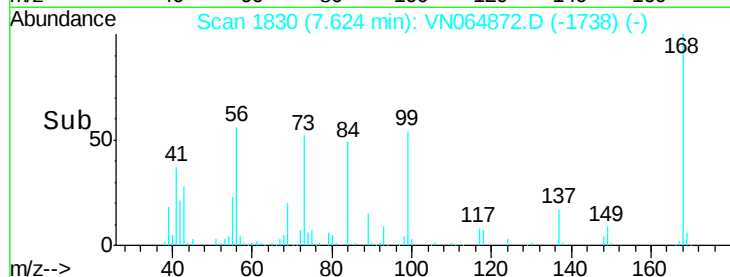
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 49.094 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064872.D

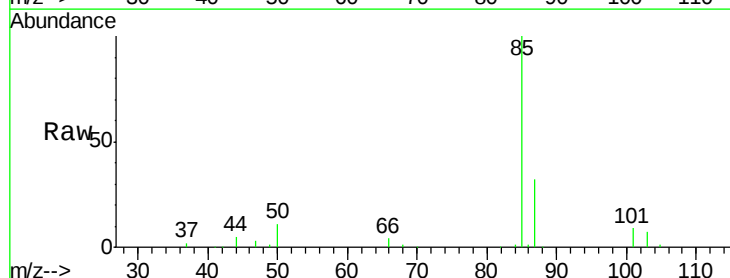
Acq: 30 Nov 2020 15:10

Tgt Ion: 85 Resp: 88893

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

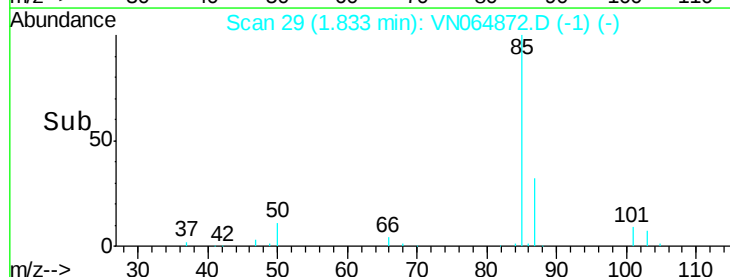
60000

40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 47.140 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 110920

Ion Ratio Lower Upper

50 100

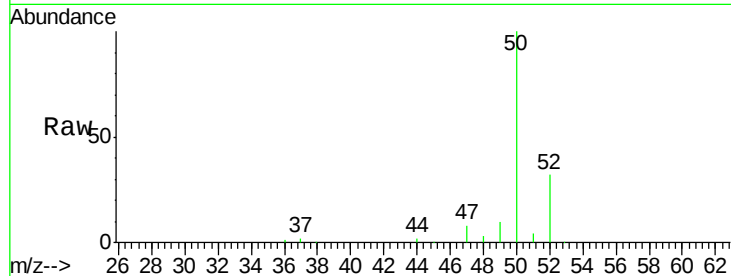
52 31.9 26.6 39.8

Manual Integrations

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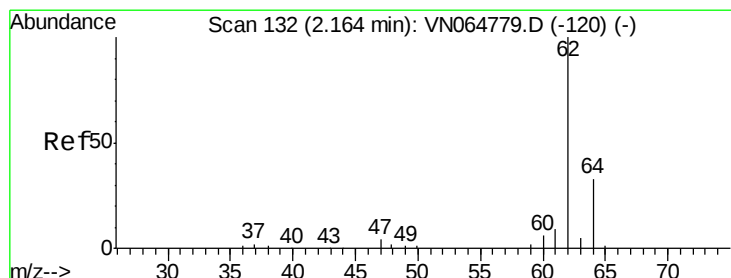
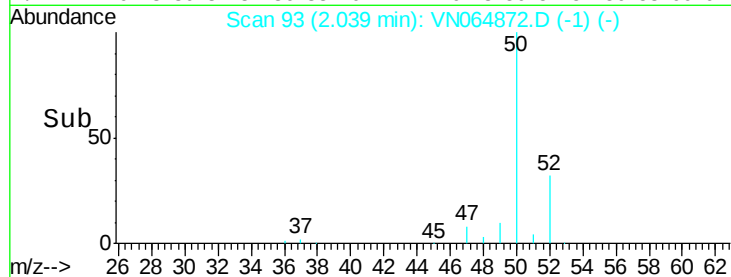
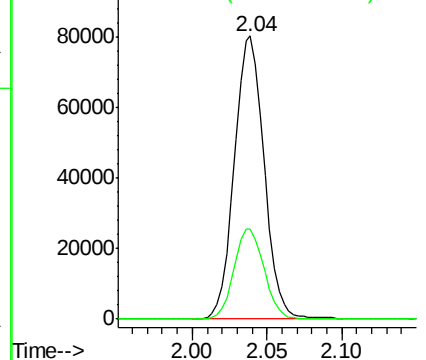
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 48.845 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064872.D

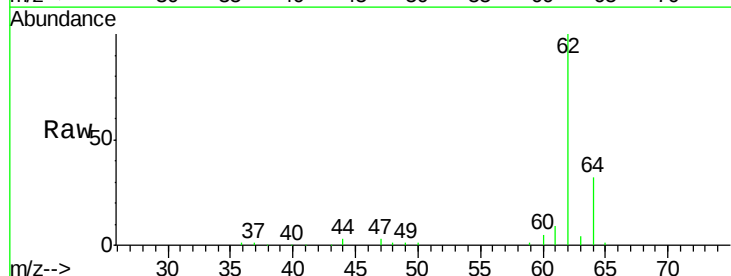
Acq: 30 Nov 2020 15:10

Tgt Ion: 62 Resp: 119825

Ion Ratio Lower Upper

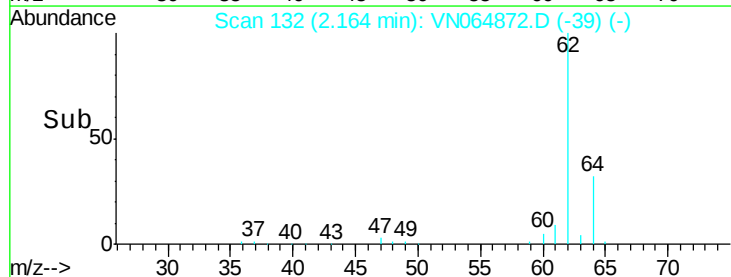
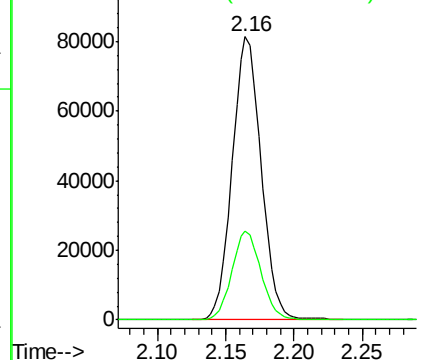
62 100

64 31.6 26.5 39.7



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 47.193 ug/l

RT: 2.52 min Scan# 242

Delta R.T. -0.01 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 75956

Ion Ratio Lower Upper

94 100

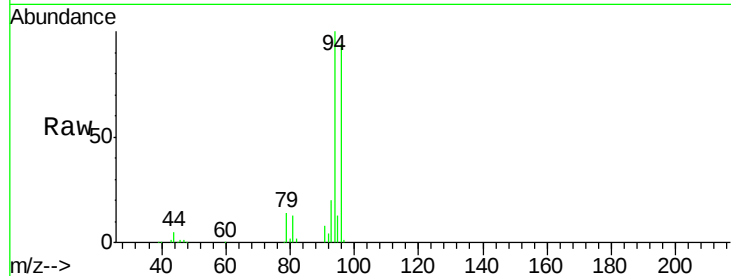
96 93.5 75.4 113.0

Manual Integrations

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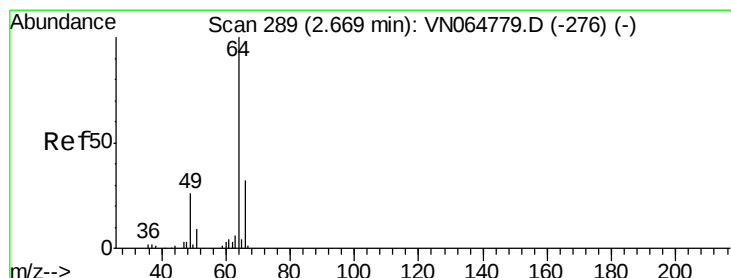
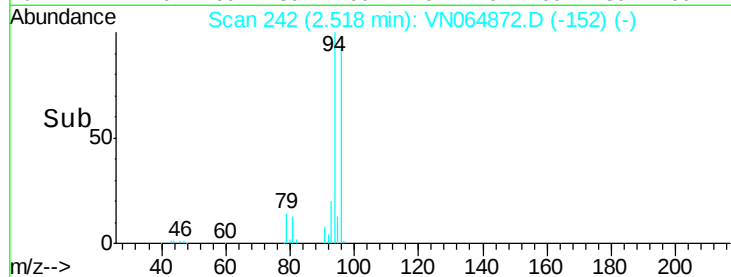
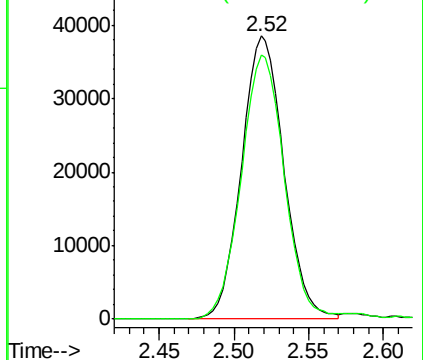
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12/1/2020 9:35:14 AM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 49.590 ug/l

RT: 2.67 min Scan# 288

Delta R.T. -0.00 min

Lab File: VN064872.D

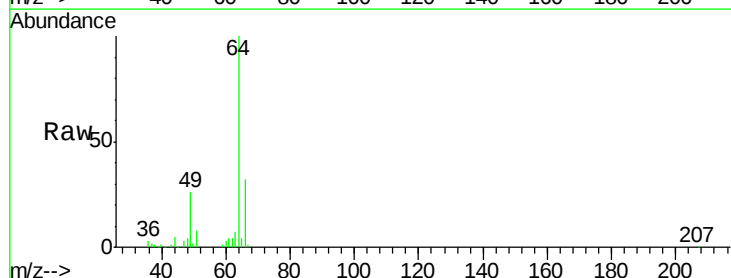
Acq: 30 Nov 2020 15:10

Tgt Ion: 64 Resp: 75243

Ion Ratio Lower Upper

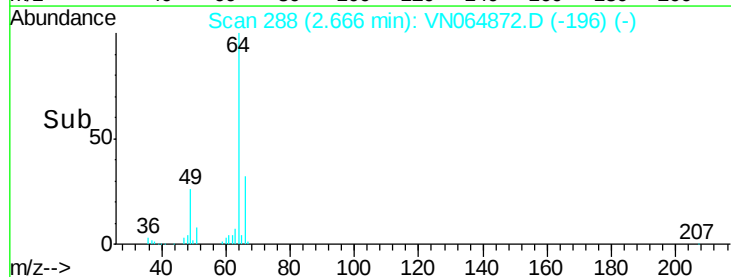
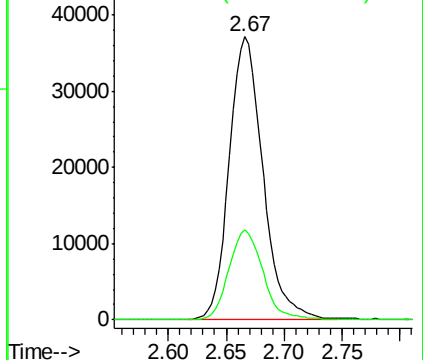
64 100

66 31.6 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

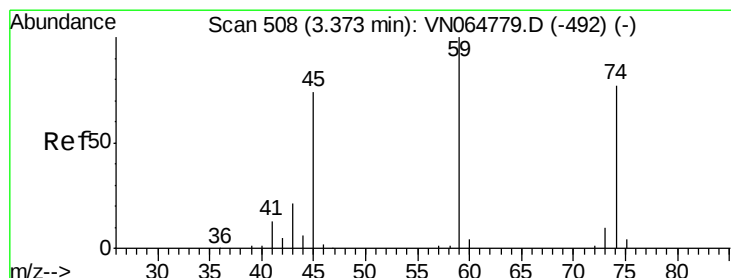
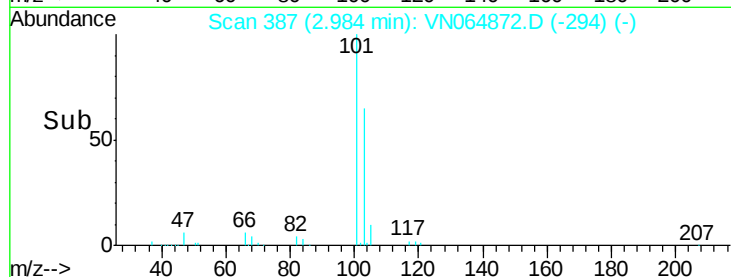
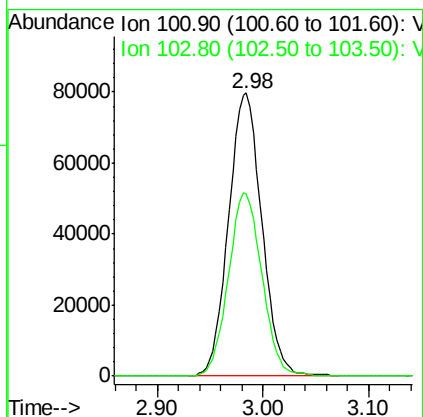
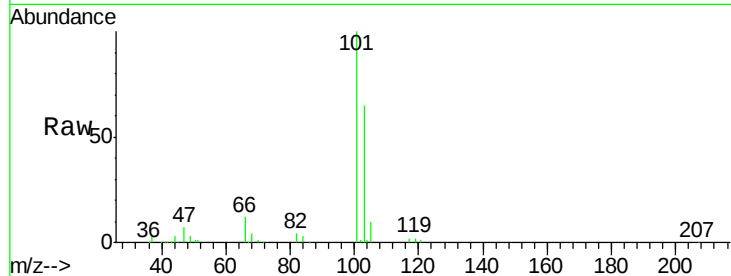
Trichlorofluoromethane
Concen: 51.473 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.5	75.7

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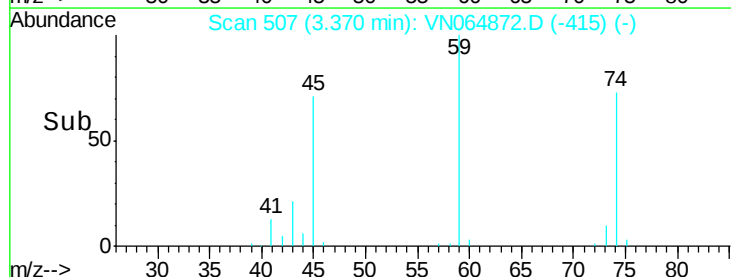
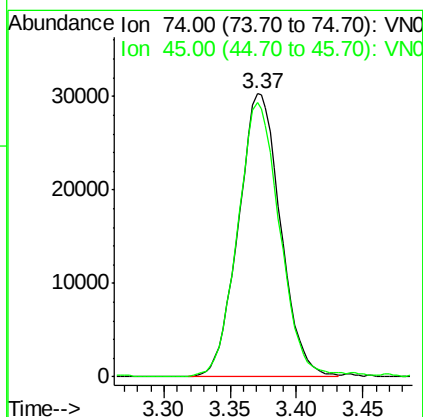
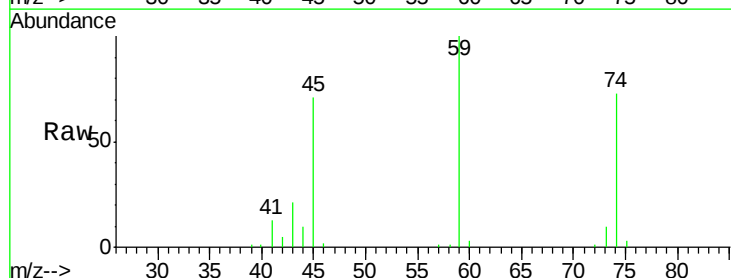
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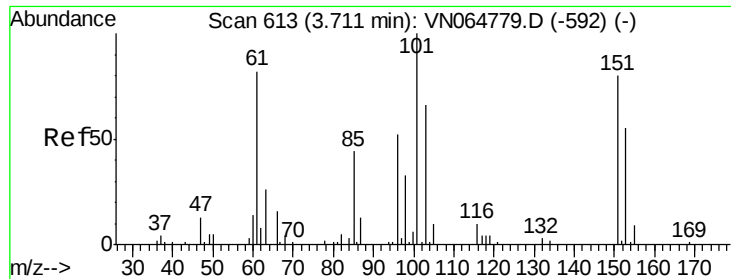


#8

Diethyl Ether
Concen: 50.012 ug/l
RT: 3.37 min Scan# 507
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	48.9	146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.590 ug/l

RT: 3.71 min Scan# 613

Delta R.T. 0.00 min

Lab File: VN064872.D

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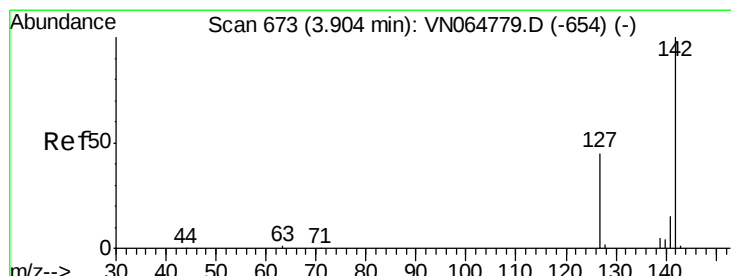
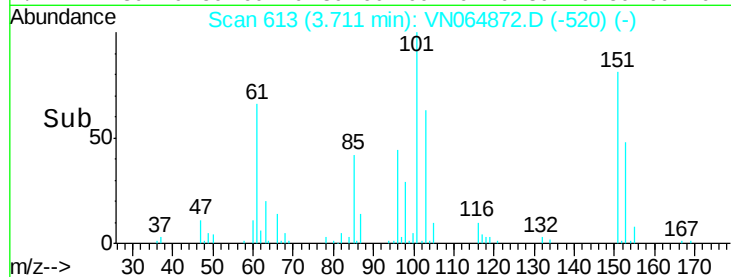
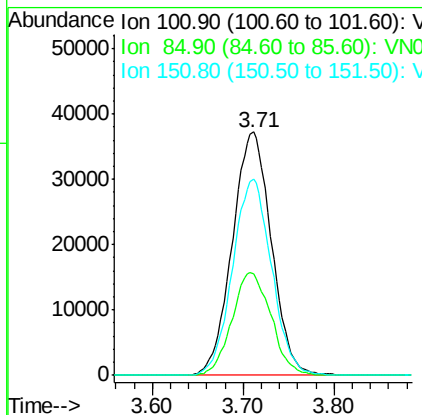
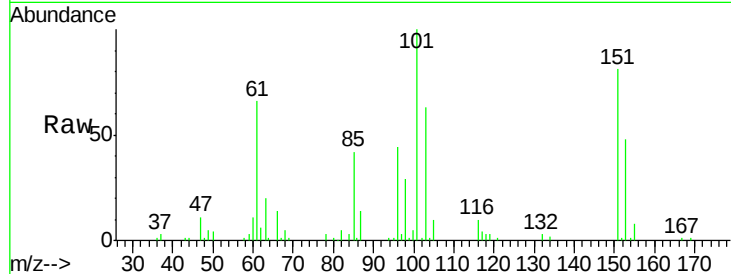
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	111049
Ion Ratio	Lower	Upper	
101	100		
85	42.0	34.4	51.6
151	80.6	64.0	96.0

Manual Integrations
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MMDadoda
12/1/2020 9:35:14 AM



#10

Methyl Iodide

Concen: 49.469 ug/l

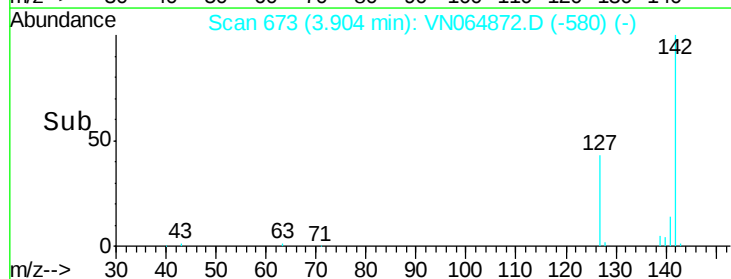
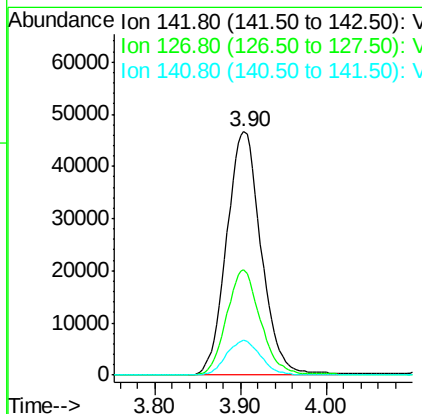
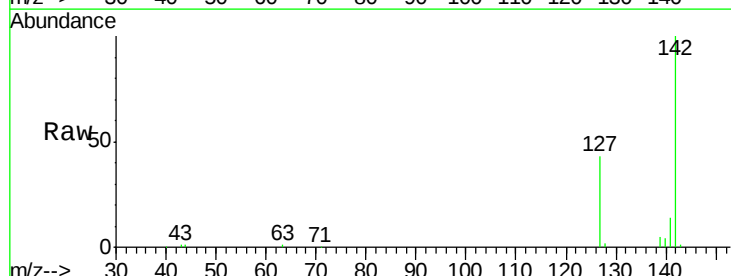
RT: 3.90 min Scan# 673

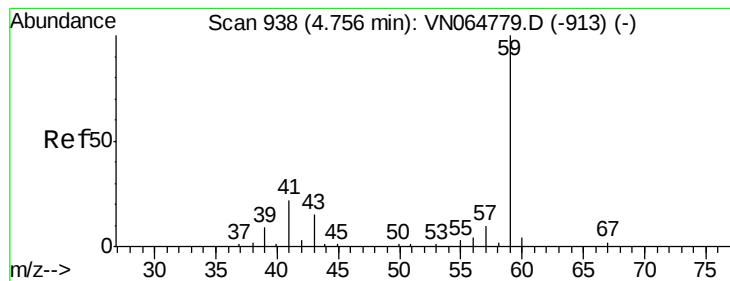
Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	142	Resp:	130528
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.6
141	14.0	11.8	17.6





#11

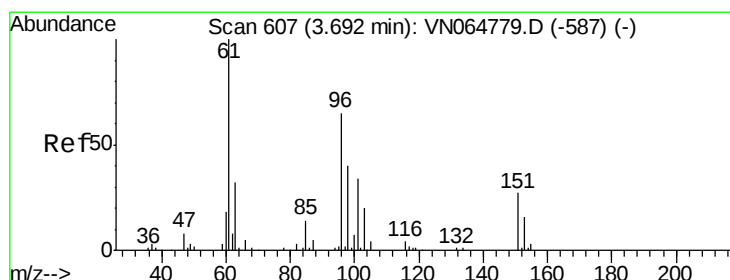
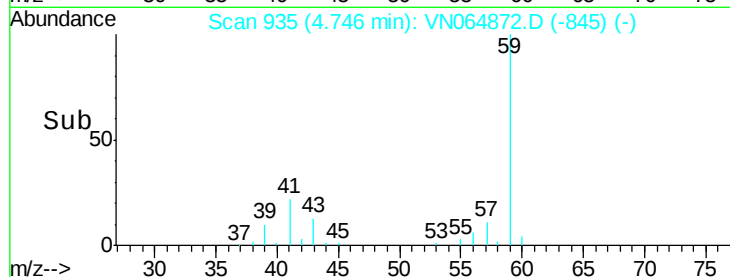
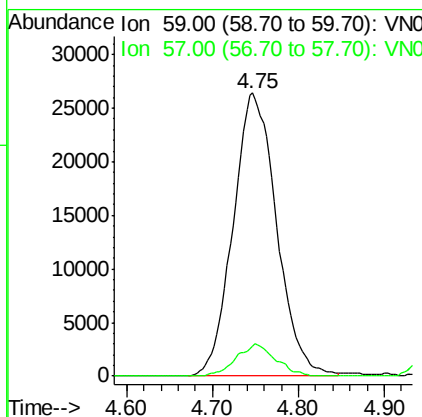
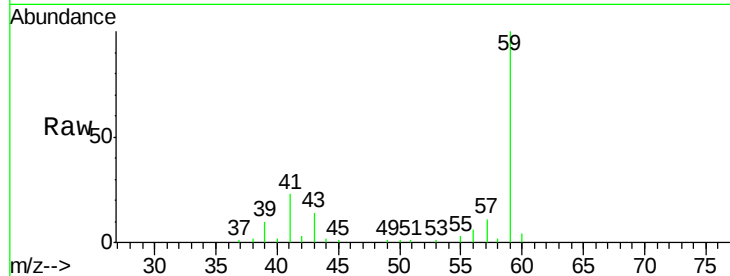
Tert butyl alcohol
 Concen: 245.008 ug/l
 RT: 4.75 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	59	57	Ratio	100	10.3	Resp	Lower	Upper
59	100							
57		10.3				7.9	11.9	

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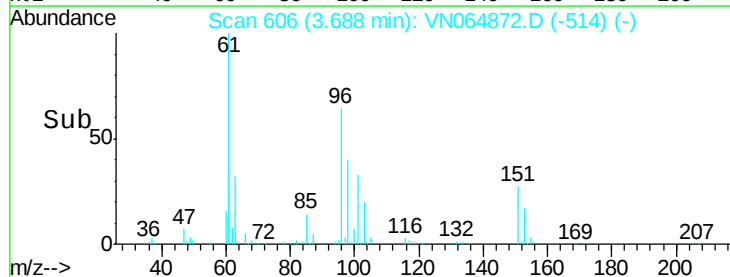
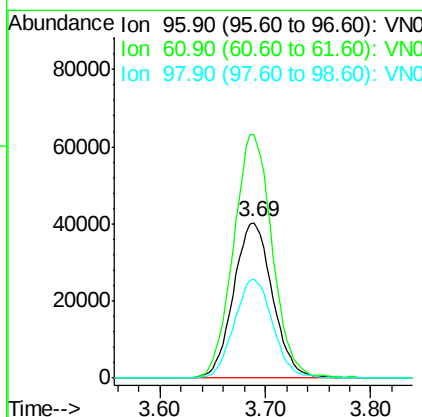
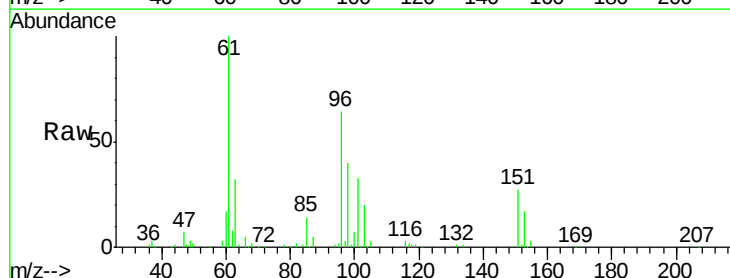
MMDadoda
 12/1/2020 9:35:14 AM

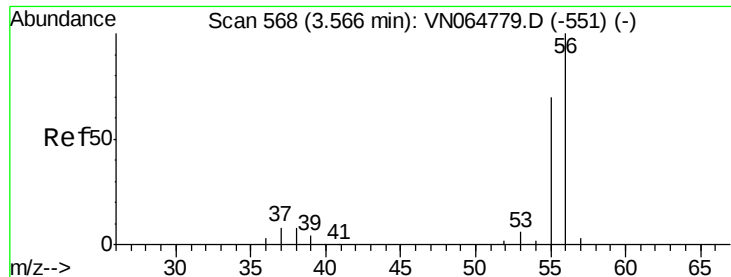


#12

1,1-Dichloroethene
 Concen: 51.105 ug/l
 RT: 3.69 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	96	61	98	Ratio	100	156.7	63.4	Resp	Lower	Upper
96	100									
61		156.7				123.4	185.2			
98		63.4				49.8	74.8			





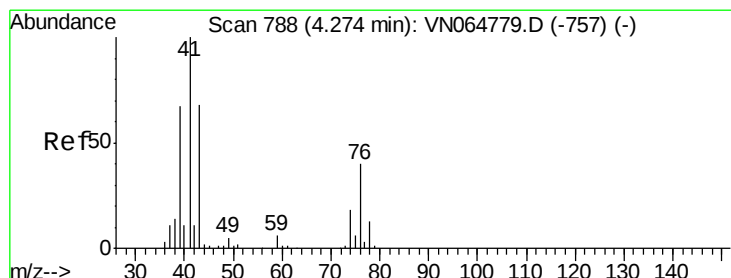
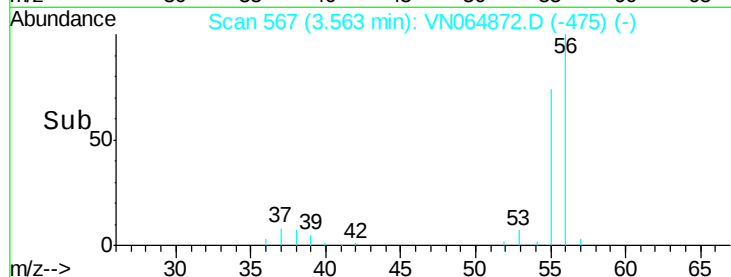
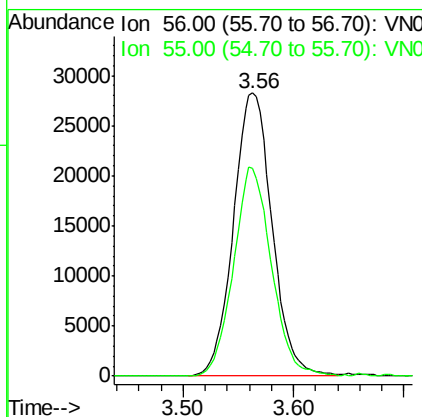
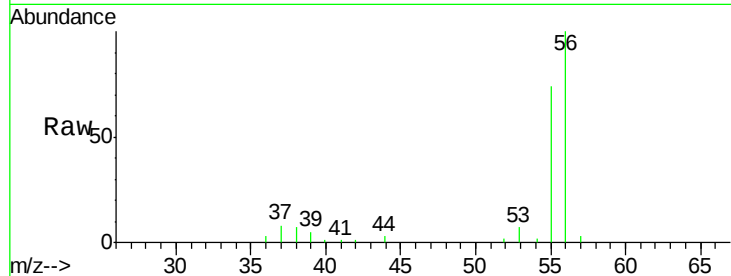
#13
Acrolein
Concen: 297.359 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	72.3	56.5	84.7	

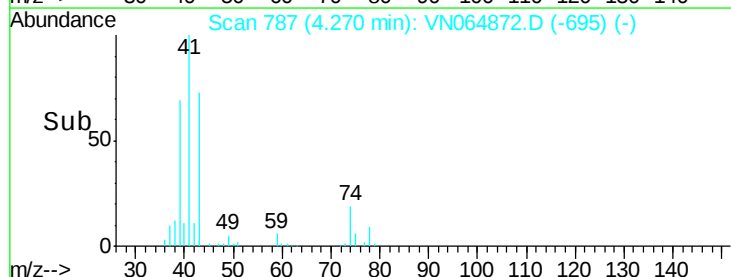
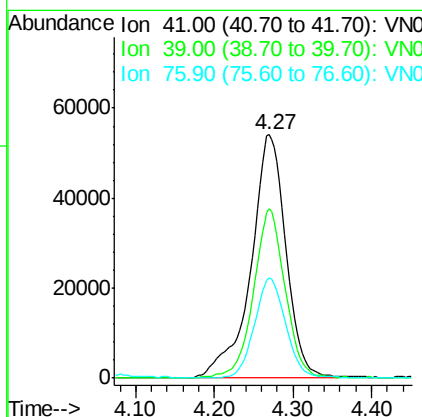
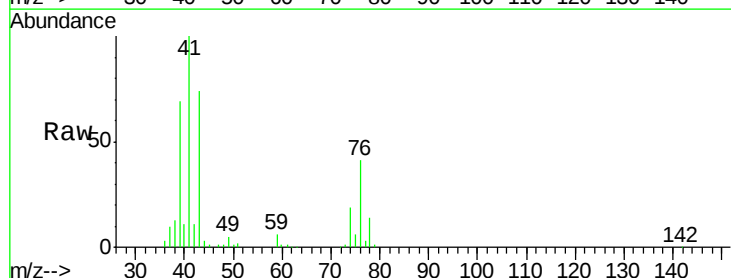
Manual Integrations
APPROVED

MMDadoda
12/1/2020 9:35:14 AM



#14
Allyl chloride
Concen: 51.028 ug/l
RT: 4.27 min Scan# 787
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.9	50.9	76.3	
76	36.7	29.0	43.4	





#15

Acrylonitrile

Concen: 267.620 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

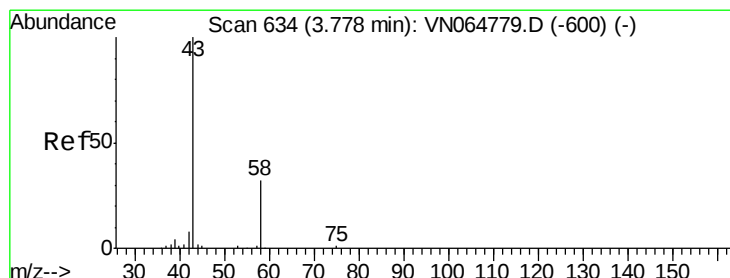
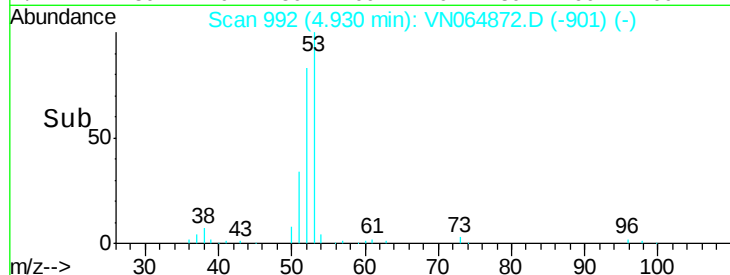
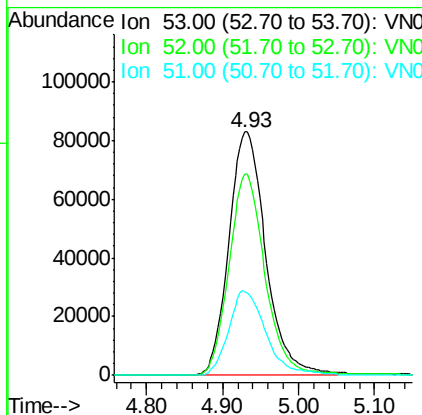
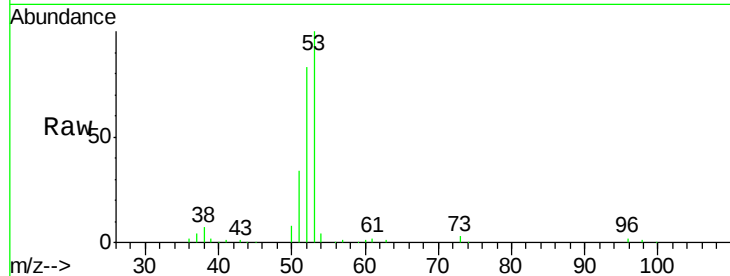
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	280041
Ion Ratio	Lower	Upper	
53	100		
52	80.3	65.5	98.3
51	35.1	28.6	43.0

Manual Integrations
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MMDadoda
12/1/2020 9:35:14 AM



#16

Acetone

Concen: 240.914 ug/l

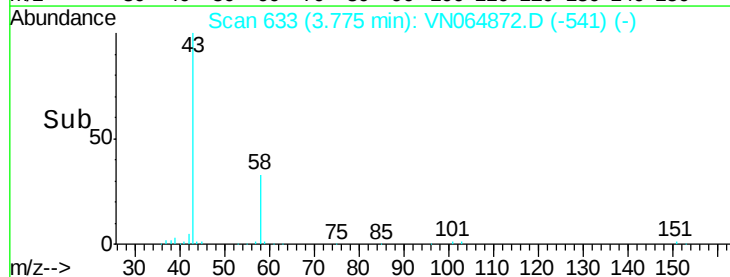
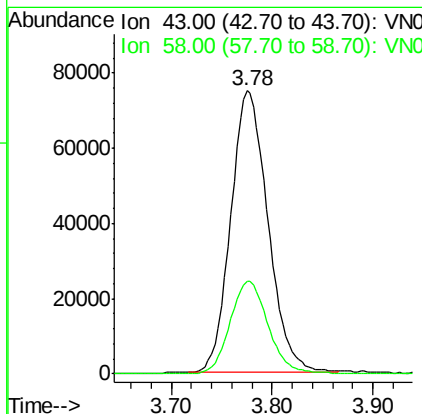
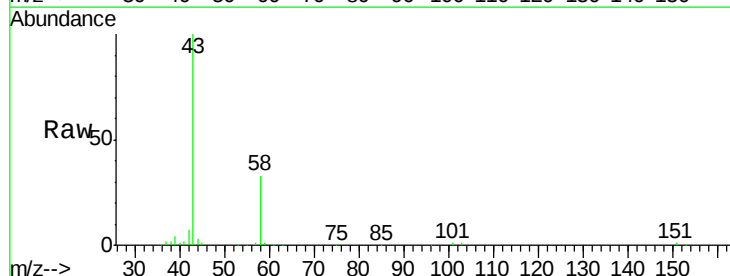
RT: 3.78 min Scan# 633

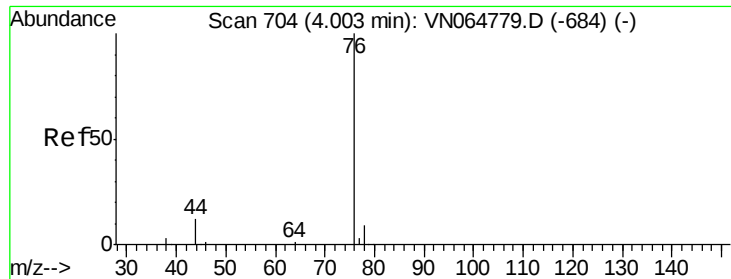
Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	43	Resp:	192355
Ion Ratio	Lower	Upper	
43	100		
58	32.8	25.7	38.5





#17

Carbon Disulfide

Concen: 49.765 ug/l

RT: 4.00 min Scan# 703

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 260316

Ion Ratio Lower Upper

76 100

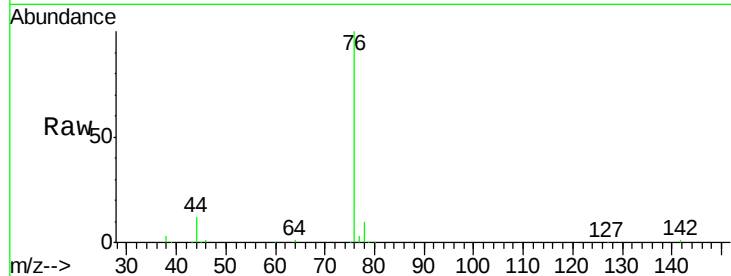
78 9.6 7.4 11.0

Manual Integrations

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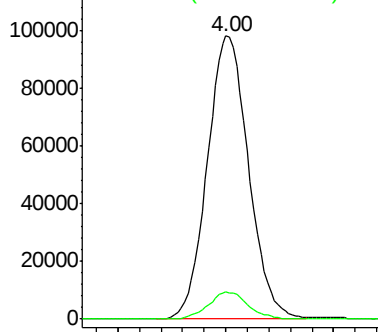
MMDadoda

12/1/2020 9:35:14 AM

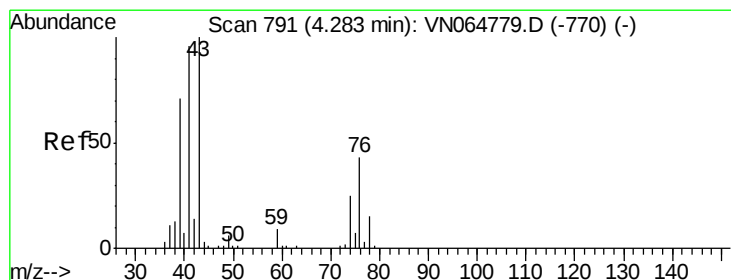
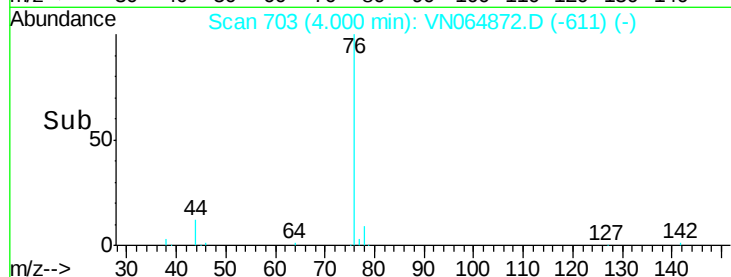


Abundance Ion 75.90 (75.60 to 76.60): VNO

Ion 77.90 (77.60 to 78.60): VNO



Time-->



#18

Methyl Acetate

Concen: 51.410 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.01 min

Lab File: VN064872.D

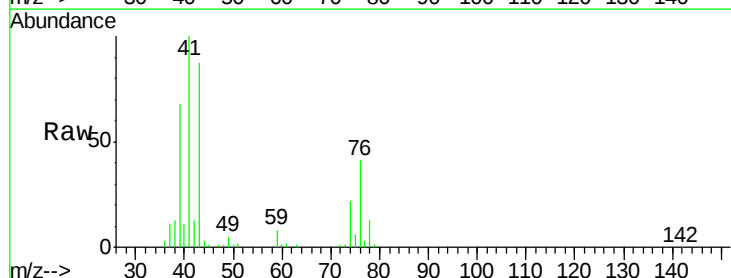
Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 123413

Ion Ratio Lower Upper

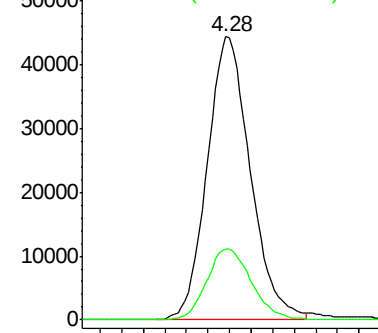
43 100

74 26.0 20.2 30.2

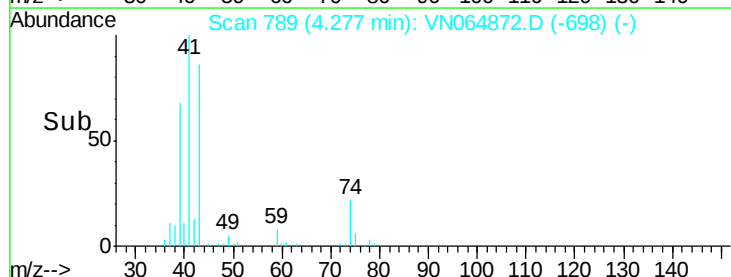


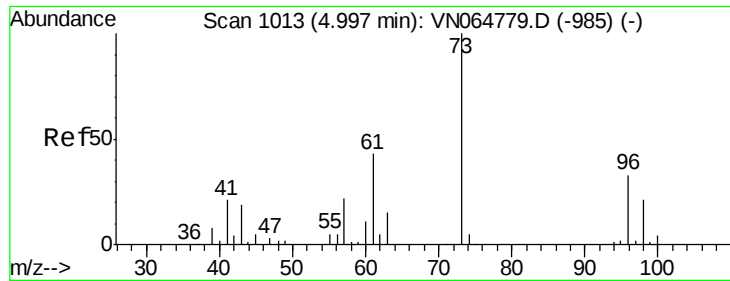
Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO



Time-->





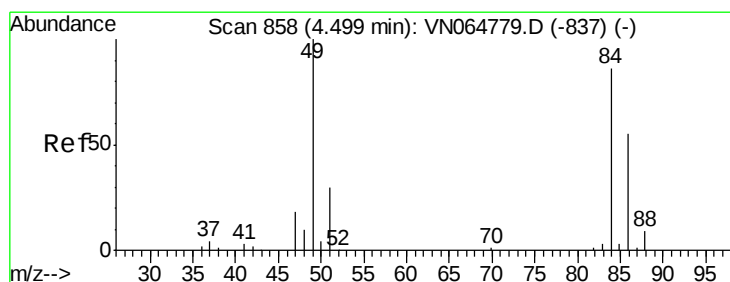
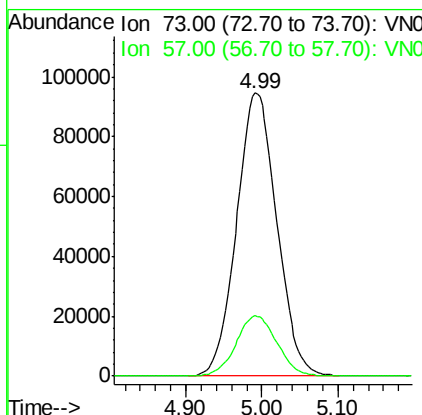
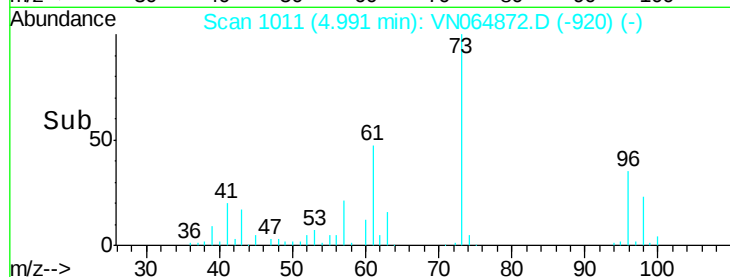
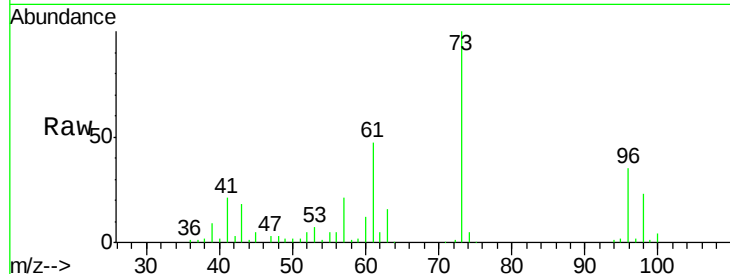
#19
Methvl tert-butvl Ether
Concen: 53.484 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 347518
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

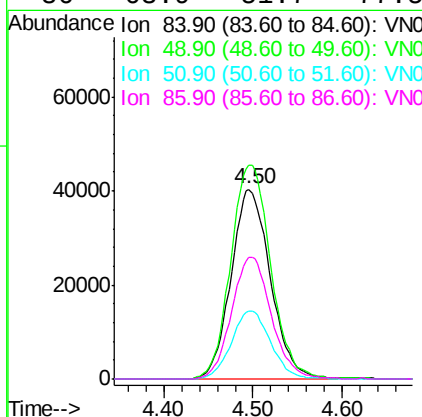
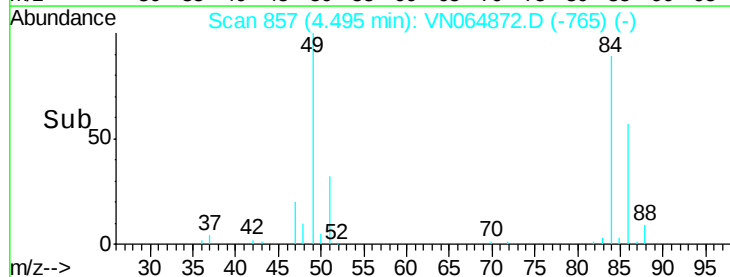
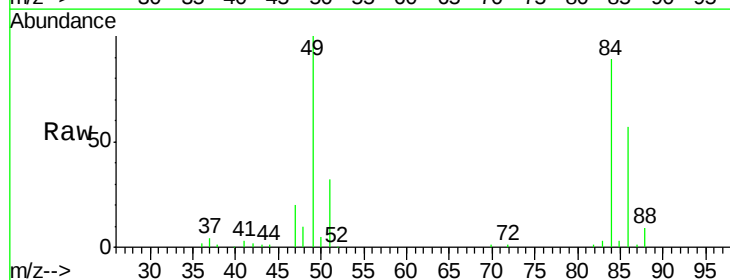
Manual Integrations
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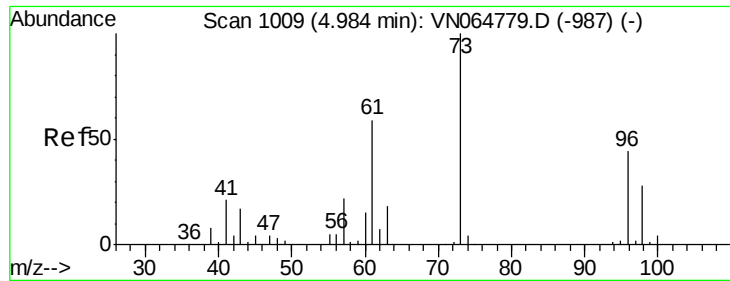
MMDadoda
12/1/2020 9:35:14 AM



#20
Methylene Chloride
Concen: 49.384 ug/l
RT: 4.50 min Scan# 857
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 84 Resp: 123556
Ion Ratio Lower Upper
84 100
49 112.5 93.4 140.0
51 36.0 28.2 42.4
86 63.9 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 50.965 ug/l

RT: 4.98 min Scan# 1008

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 114661

Ion Ratio Lower Upper

96 100

61 136.2 108.4 162.6

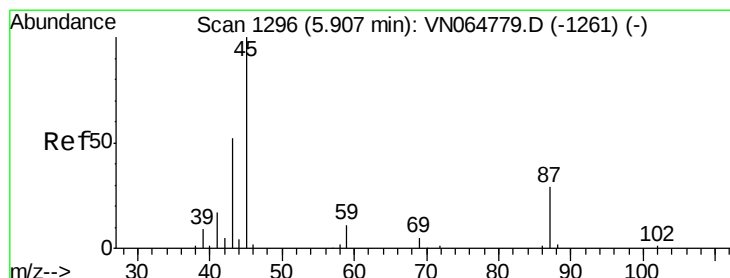
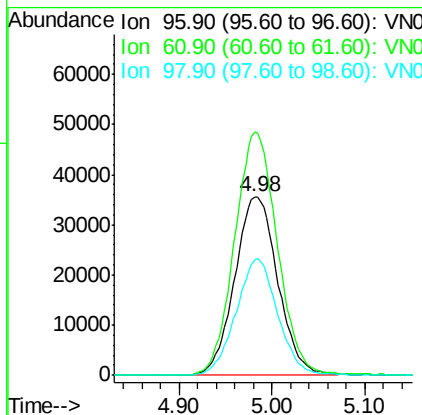
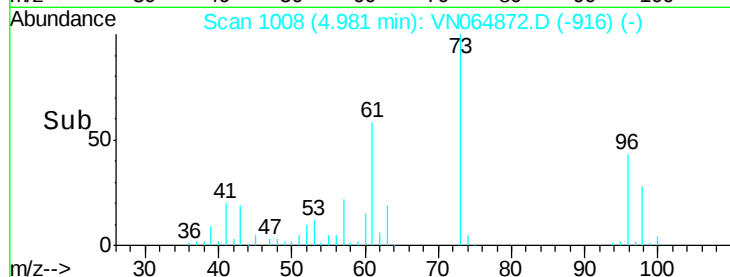
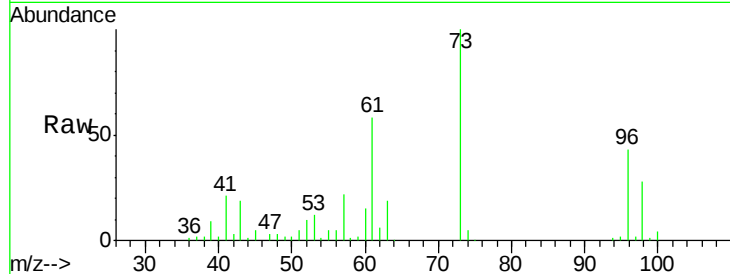
98 64.9 51.3 76.9

Manual Integrations

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MMDadoda

12/1/2020 9:35:14 AM



#22

Diisopropyl ether

Concen: 54.485 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion: 45 Resp: 364405

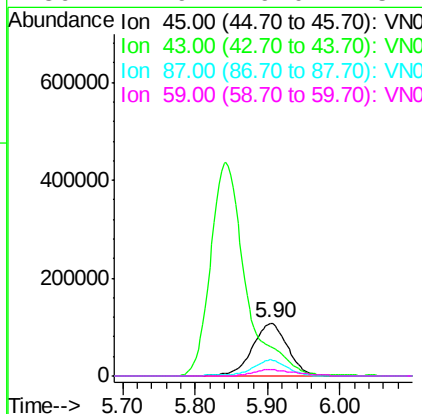
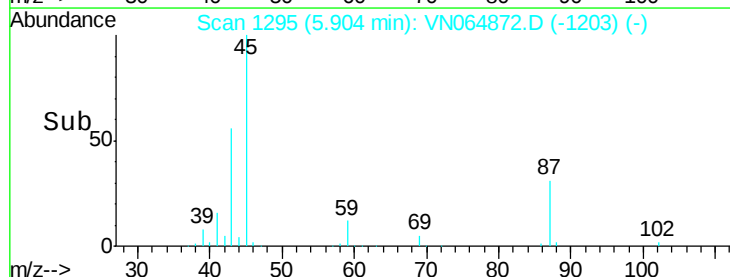
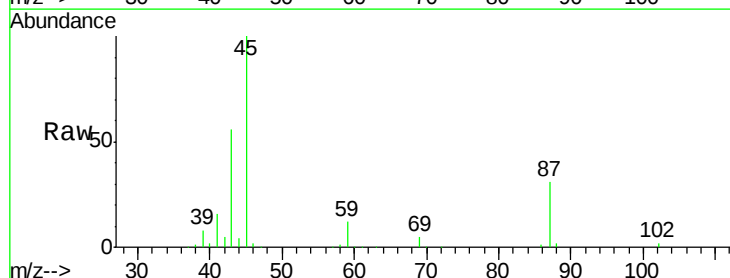
Ion Ratio Lower Upper

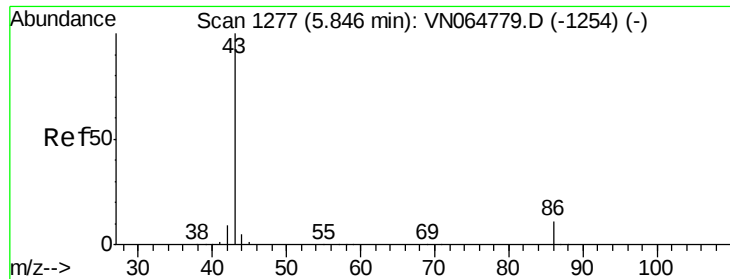
45 100

43 54.5 46.2 69.2

87 30.4 24.1 36.1

59 11.9 9.0 13.4





#23

Vinyl Acetate

Concen: 274.369 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1467427

Ion Ratio Lower Upper

43 100

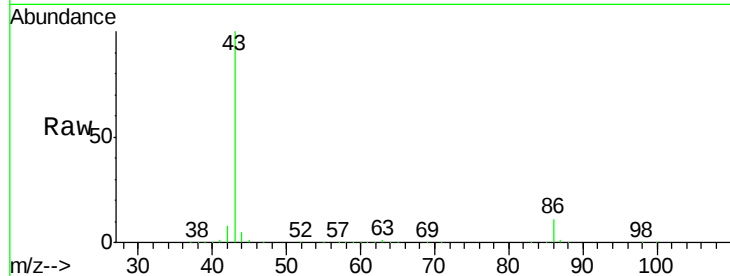
86 11.1 8.9 13.3

Manual Integrations

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MMDadoda

12/1/2020 9:35:14 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

400000

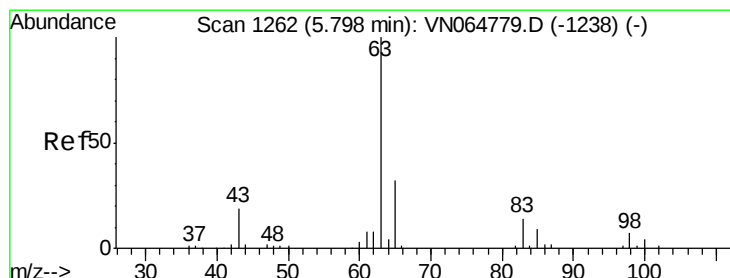
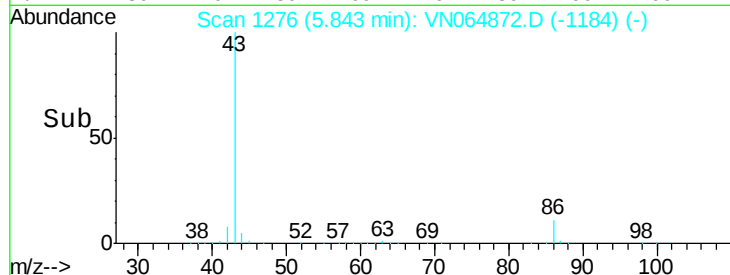
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 52.591 ug/l

RT: 5.79 min Scan# 1261

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

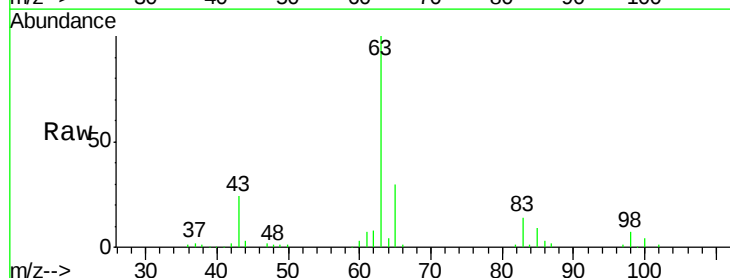
Tgt Ion: 63 Resp: 210211

Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.3 2.3 6.8



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

80000

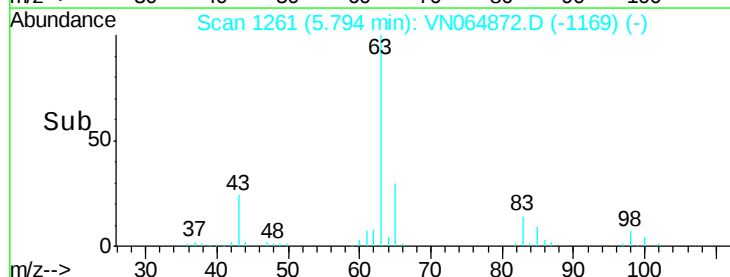
60000

40000

20000

0

Time-->





#25

2-Butanone

Concen: 261.937 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 339026

Ion Ratio Lower Upper

43 100

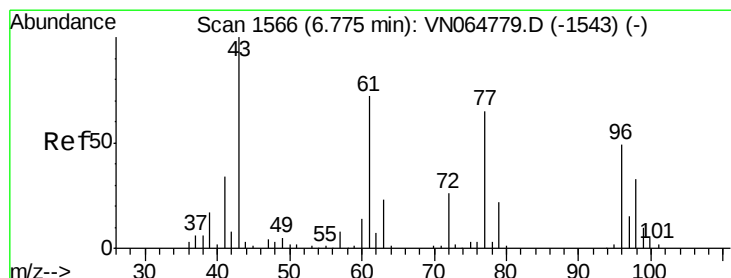
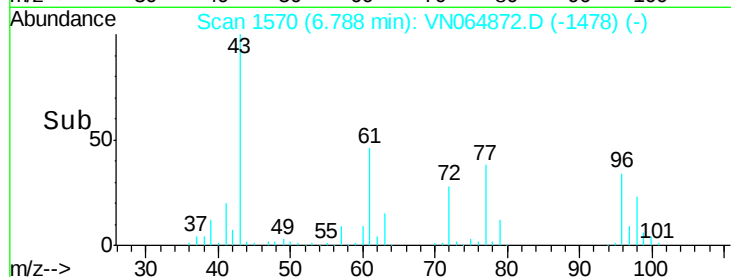
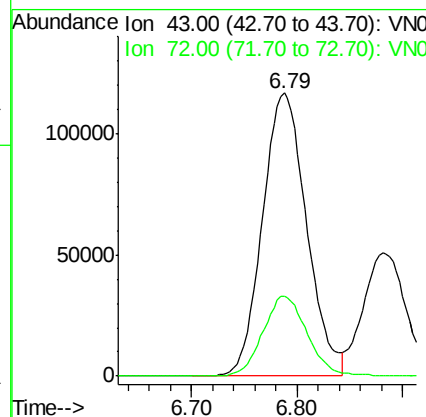
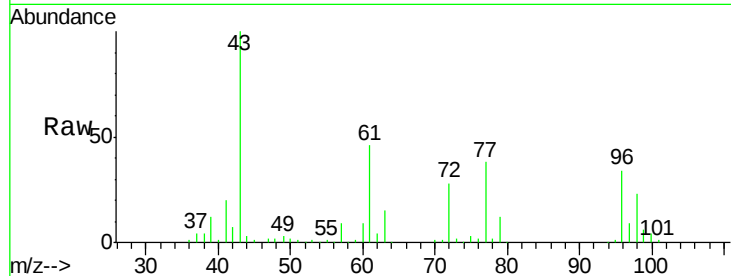
72 28.3 21.0 31.6

Manual Integrations

APPROVED

MMDadoda

12/1/2020 9:35:14 AM



#26

2,2-Dichloropropane

Concen: 52.683 ug/l

RT: 6.77 min Scan# 1565

Delta R.T. -0.00 min

Lab File: VN064872.D

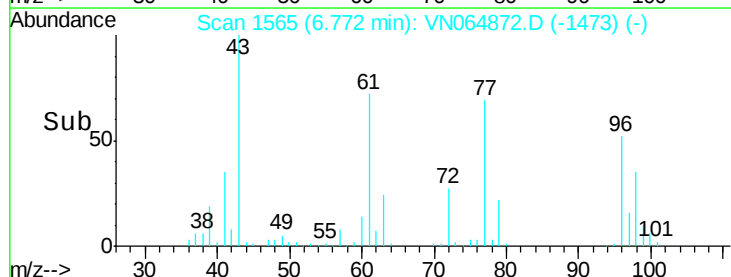
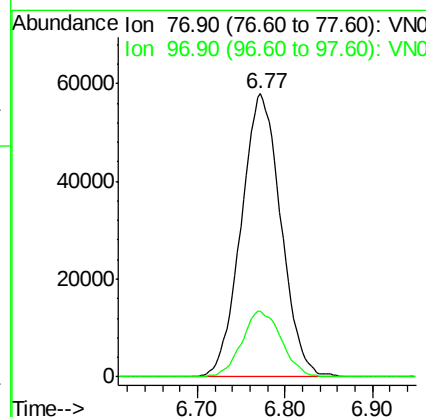
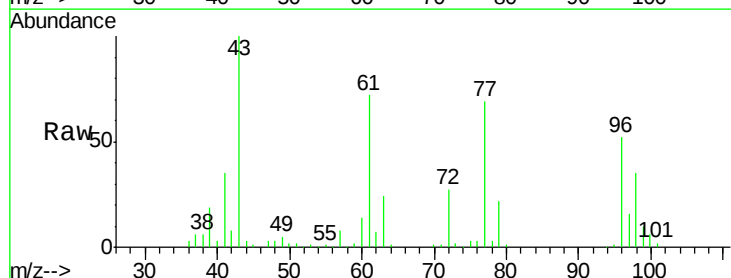
Acq: 30 Nov 2020 15:10

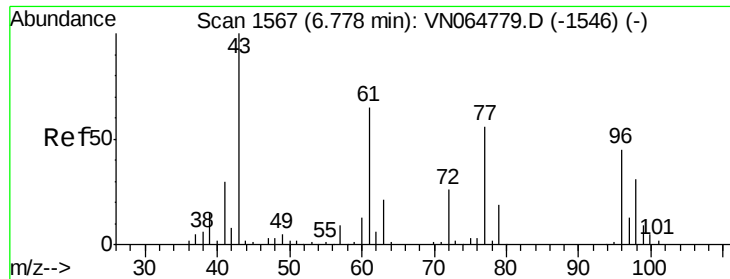
Tgt Ion: 77 Resp: 182634

Ion Ratio Lower Upper

77 100

97 23.1 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 52.299 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

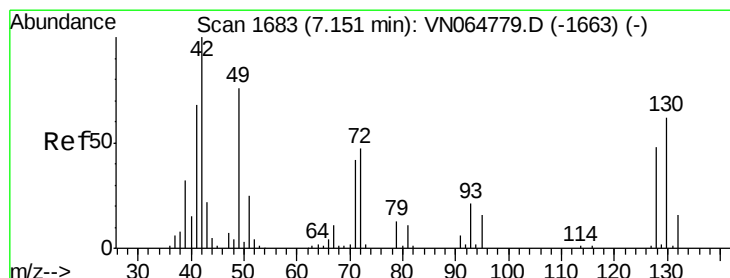
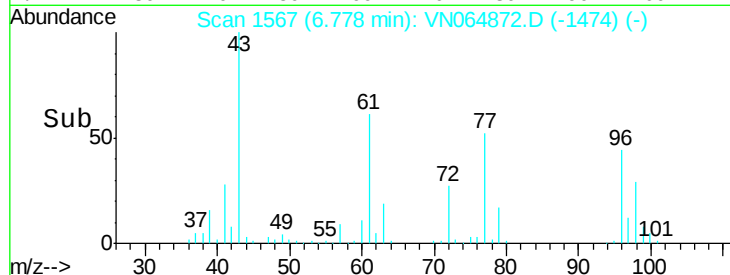
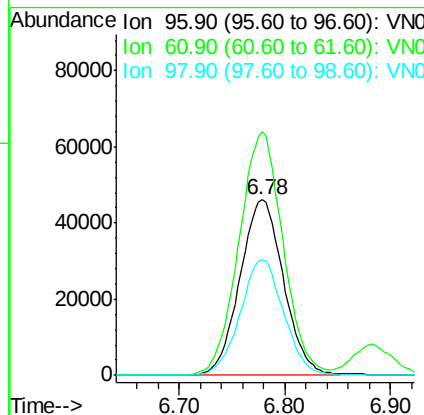
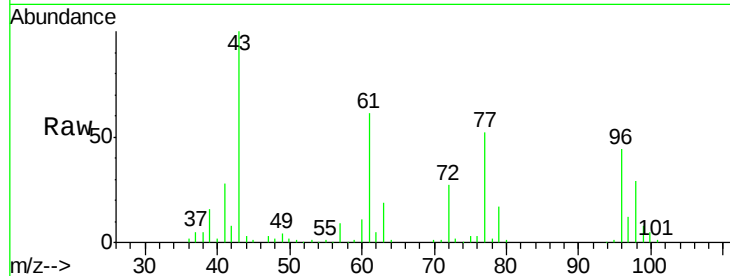
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	132401
Ion	Ratio	Lower	Upper
96	100		
61	140.4	0.0	285.8
98	65.7	0.0	130.6

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#28

Bromochloromethane

Concen: 48.437 ug/l

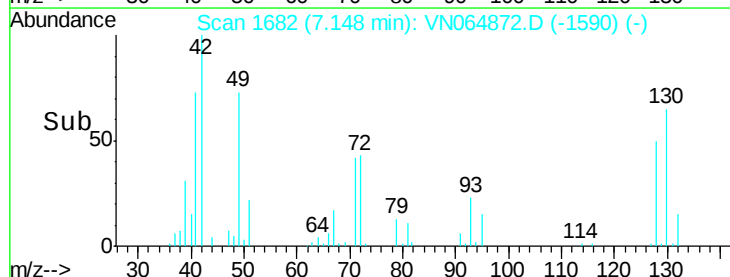
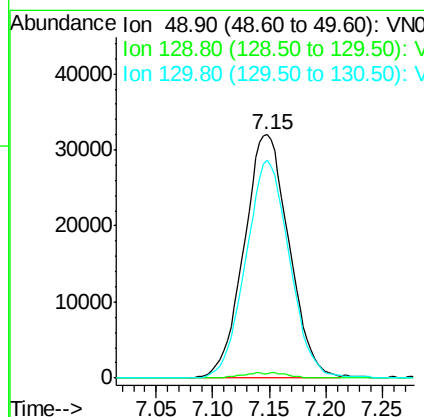
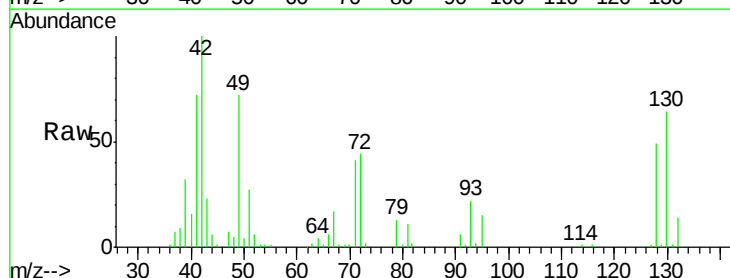
RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	49	Resp:	88570
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.8
130	86.8	66.2	99.2





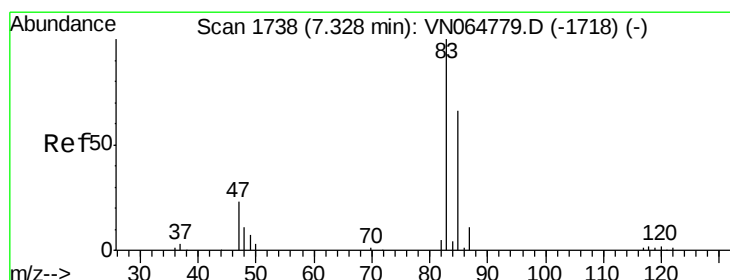
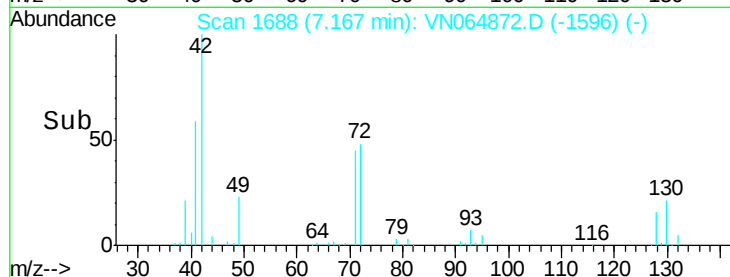
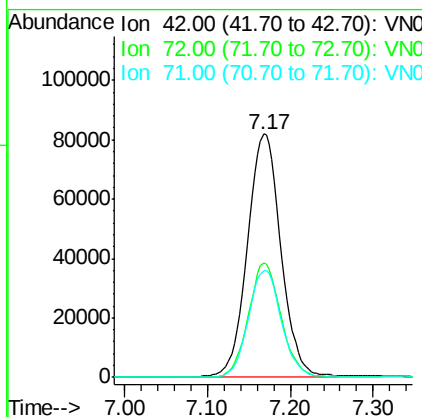
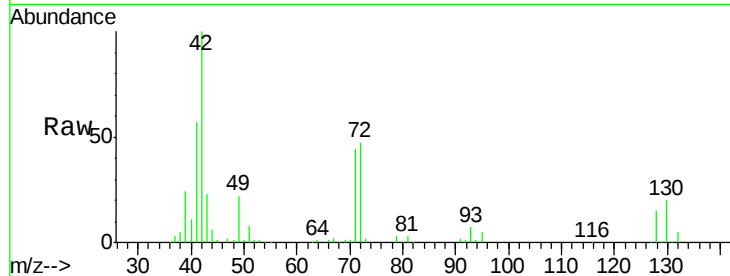
#29
Tetrahydrofuran
Concen: 257.761 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	45.6	36.6	54.8
71	43.6	33.6	50.4

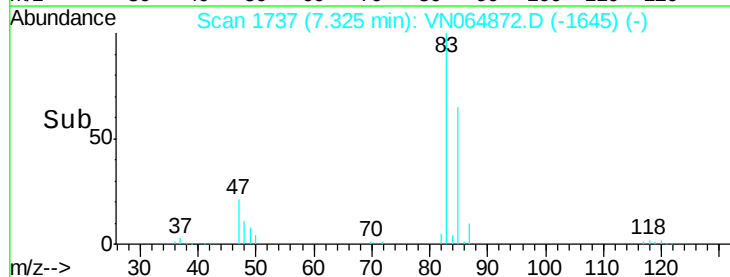
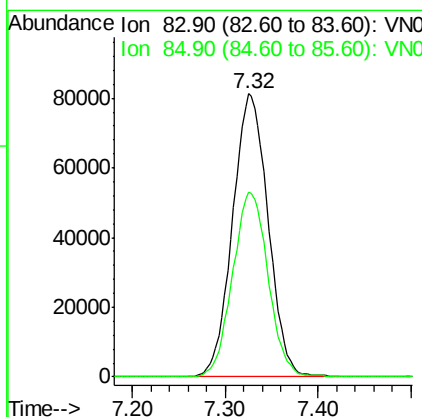
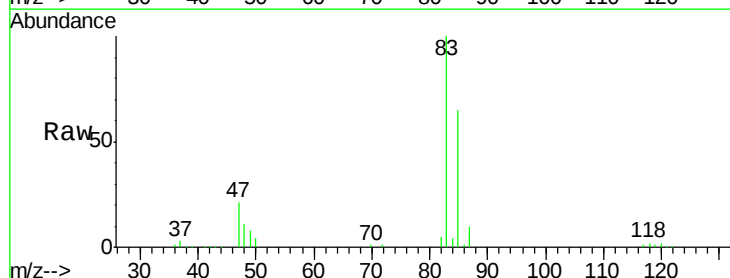
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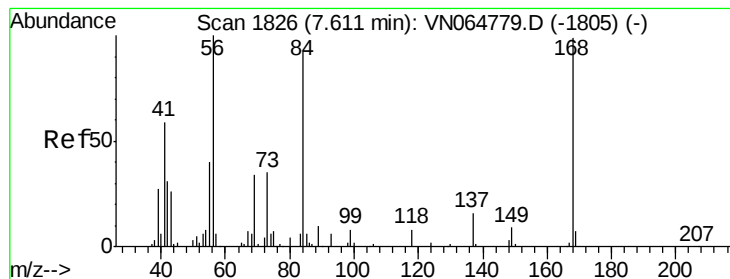
MMDadoda
12/1/2020 9:35:14 AM



#30
Chloroform
Concen: 52.375 ug/l
RT: 7.32 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.6	78.8





#31

Cvclohexane

Concen: 51.411 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 174038

Ion Ratio Lower Upper

56 100

69 33.0 27.5 41.3

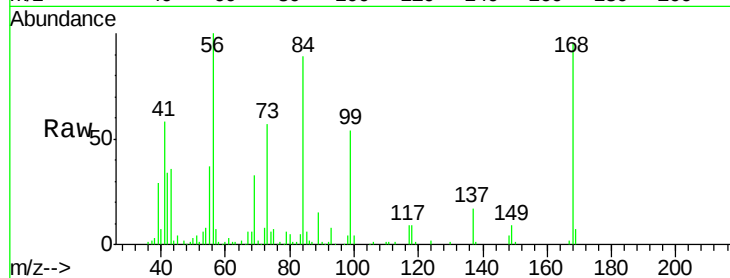
84 87.4 73.9 110.9

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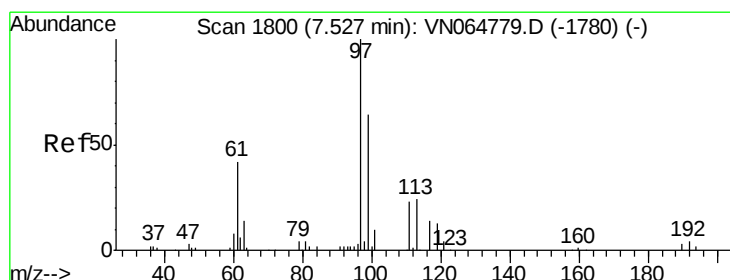
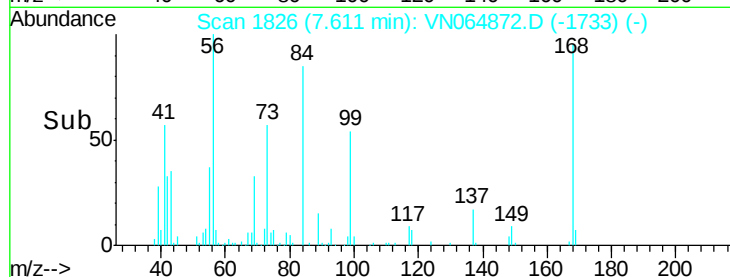
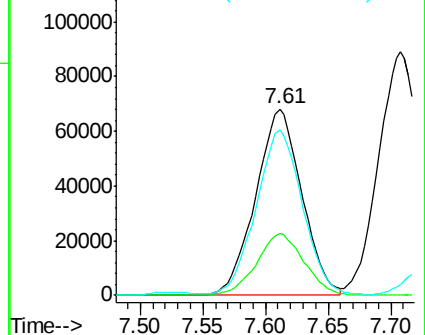
12/1/2020 9:35:14 AM



Abundance Ion 56.00 (55.70 to 56.70): VN064872.D (-1733) (-)

Ion 69.00 (68.70 to 69.70): VN064872.D (-1733) (-)

Ion 84.00 (83.70 to 84.70): VN064872.D (-1733) (-)



#32

1,1,1-Trichloroethane

Concen: 52.987 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

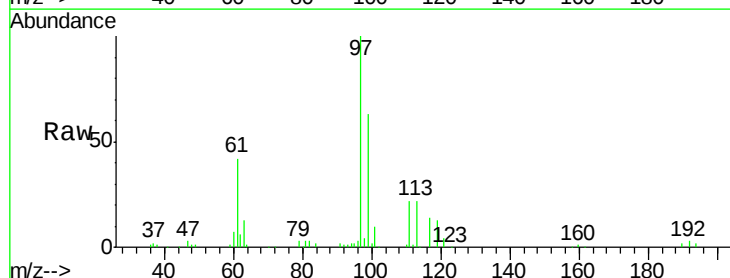
Tgt Ion: 97 Resp: 187586

Ion Ratio Lower Upper

97 100

99 64.5 51.7 77.5

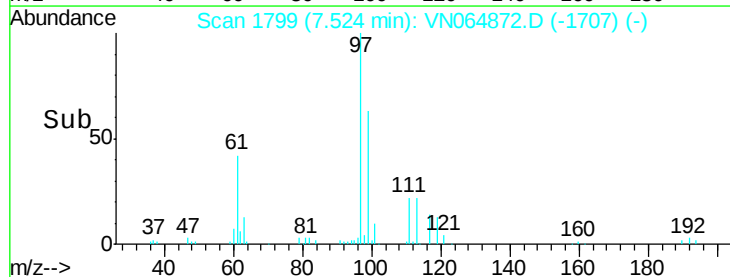
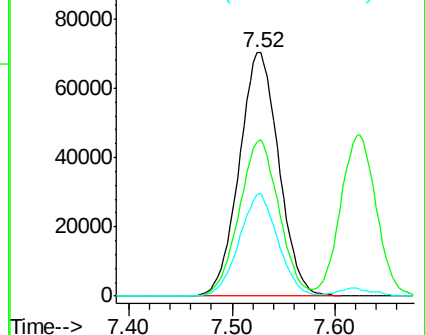
61 41.0 33.9 50.9

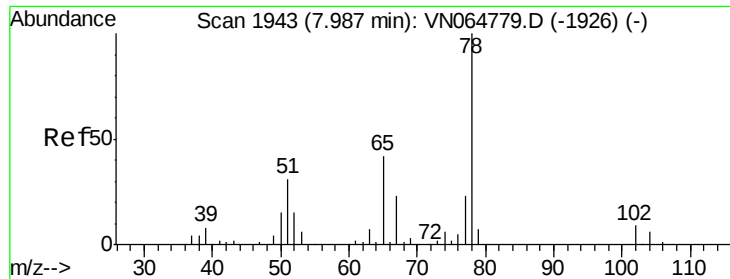


Abundance Ion 96.90 (96.60 to 97.60): VN064872.D (-1707) (-)

Ion 98.90 (98.60 to 99.60): VN064872.D (-1707) (-)

Ion 60.90 (60.60 to 61.60): VN064872.D (-1707) (-)





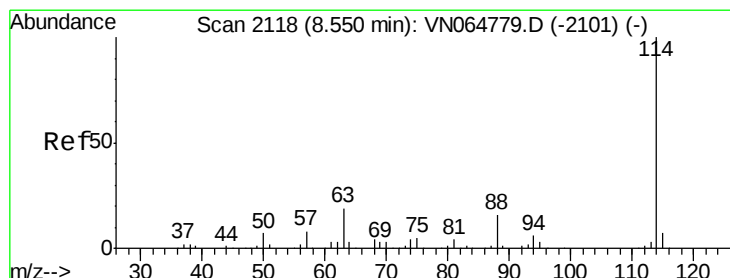
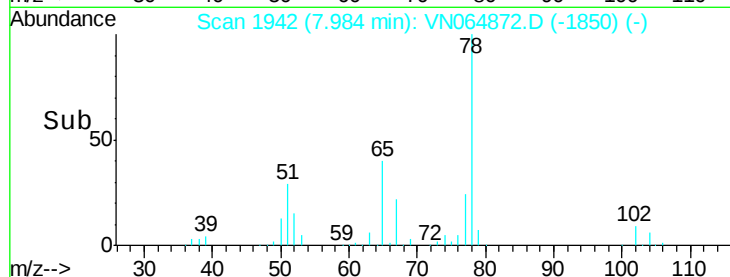
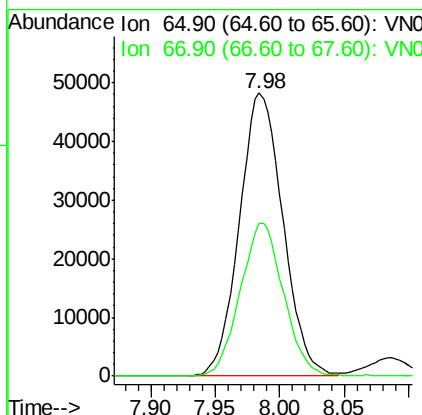
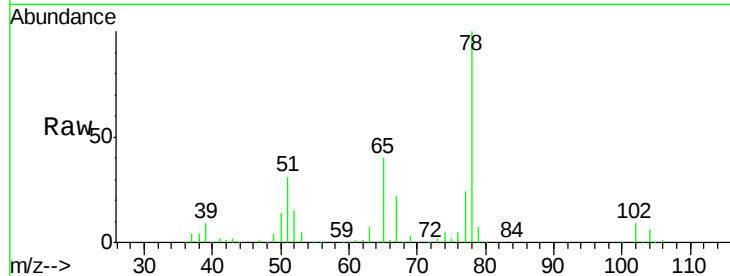
#33
 1,2-Dichloroethane-d4
 Concen: 46.711 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.7	0.0	108.2	

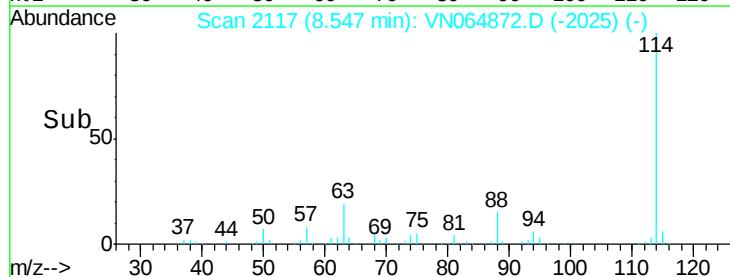
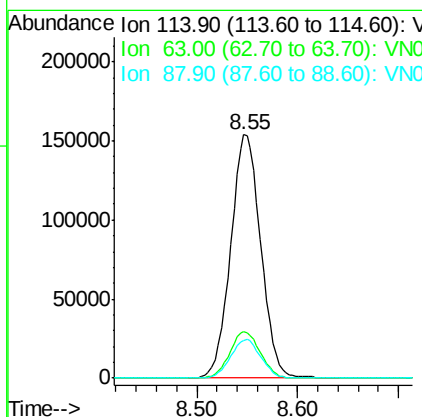
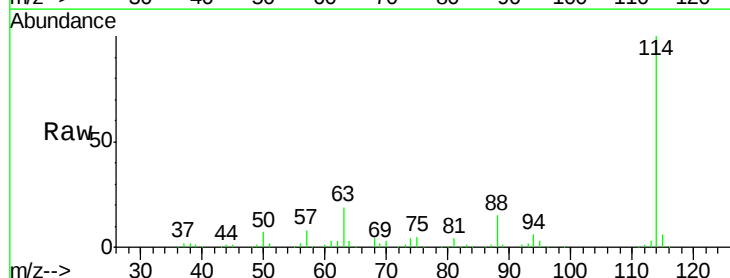
Manual Integrations
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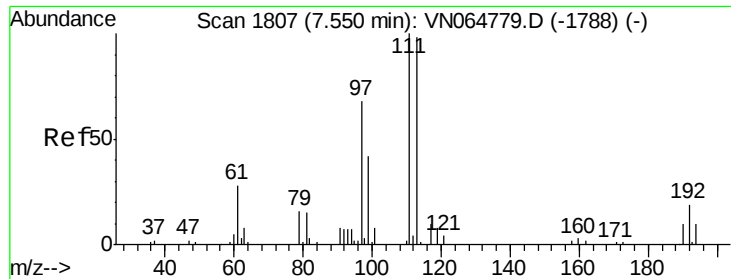
MMDadoda
 12/1/2020 9:35:14 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.2	0.0	38.6	
88	15.5	0.0	32.6	





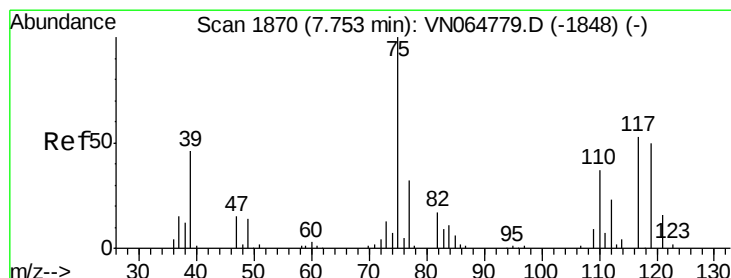
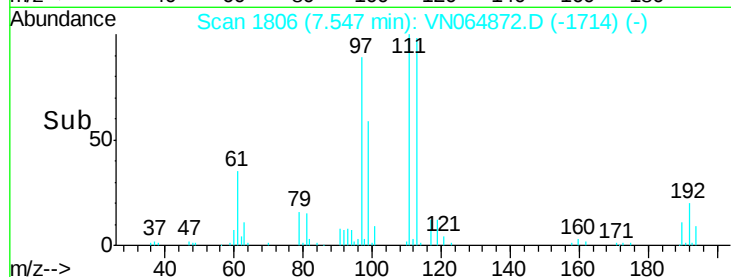
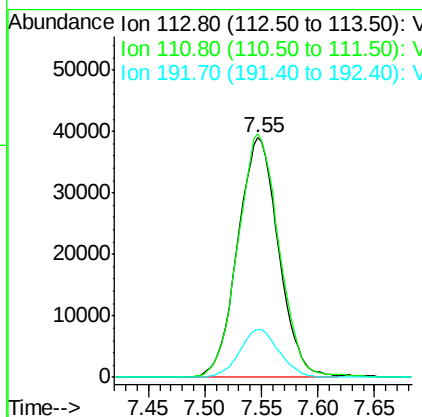
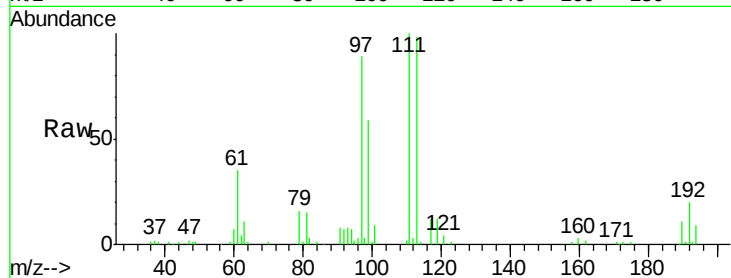
#35
 Dibromofluoromethane
 Concen: 51.438 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.6	122.4
192	19.3	16.2	24.2

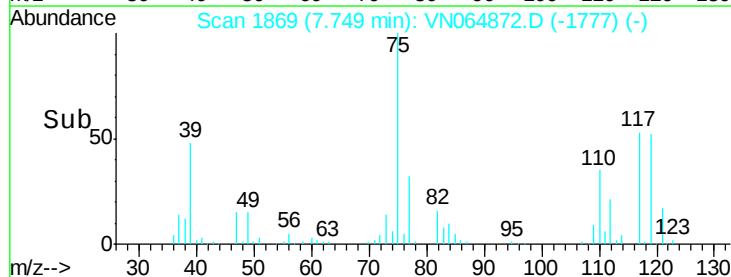
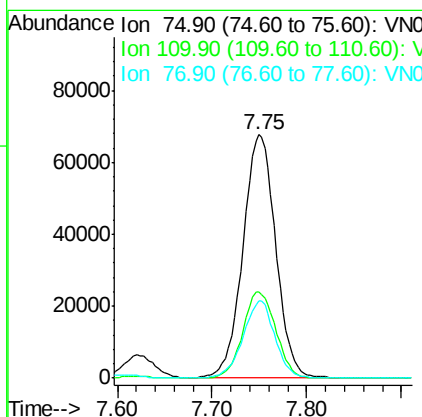
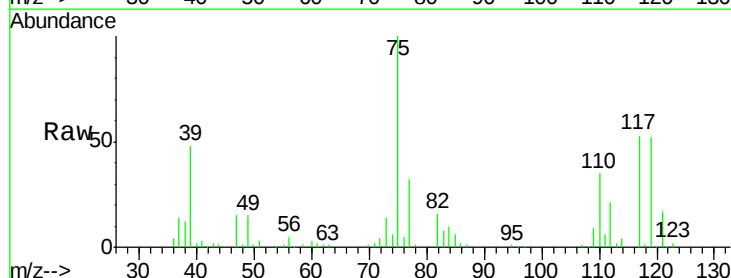
Manual Integrations
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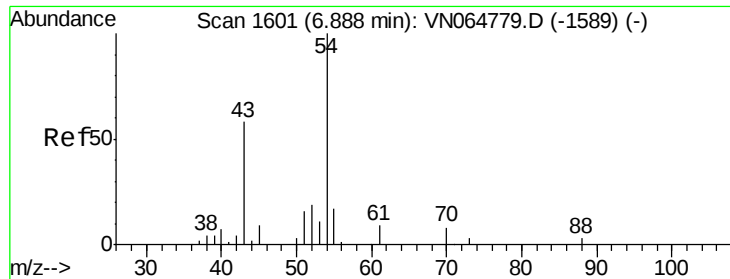
MMDadoda
 12/1/2020 9:35:14 AM



#36
 1,1-Dichloropropene
 Concen: 55.439 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.4	17.8	53.3
77	30.9	25.0	37.4





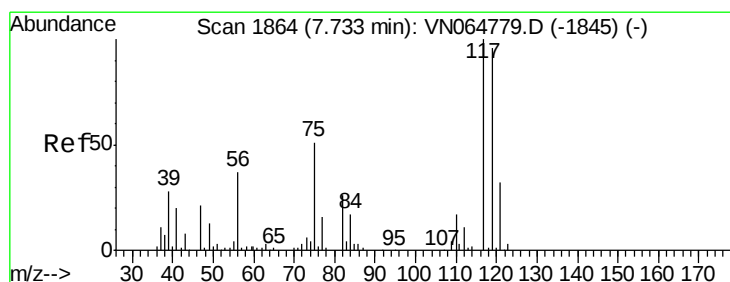
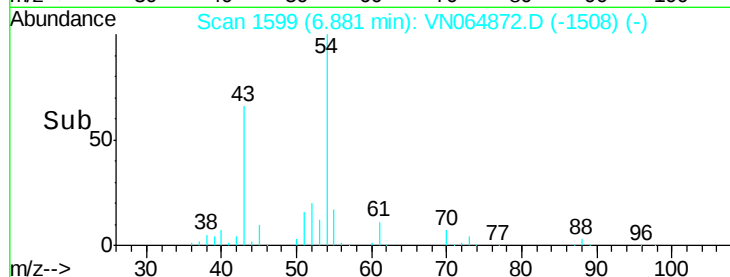
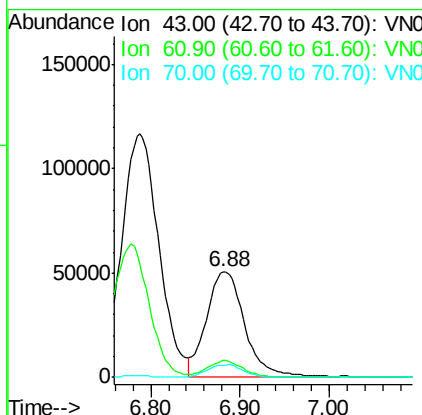
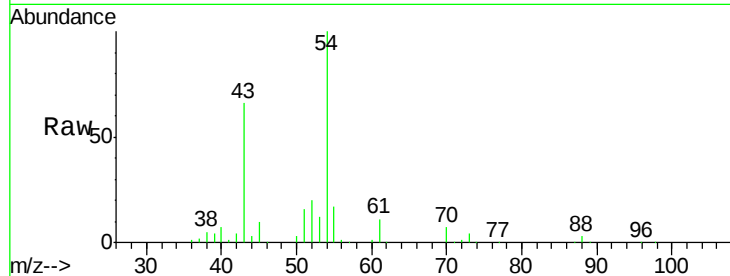
#37
Ethyl Acetate
Concen: 52.288 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	61	70
Ion Ratio	100	14.6	11.7
Resp: Lower		12.8	8.8
Upper		19.2	13.2

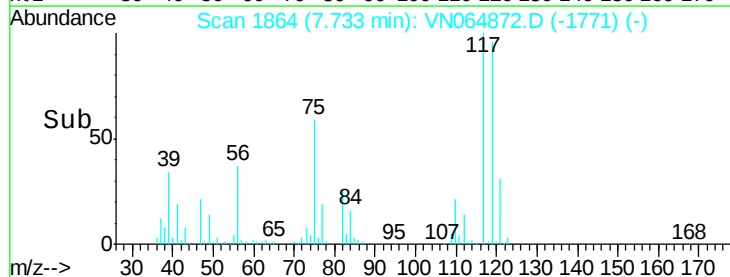
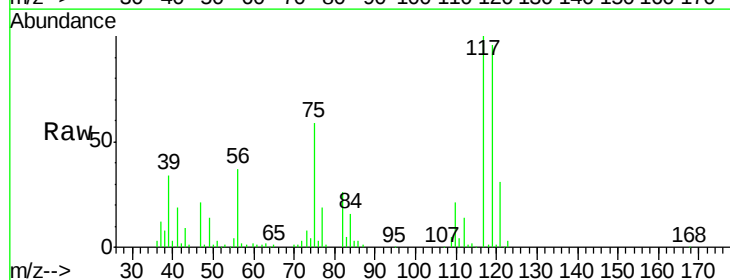
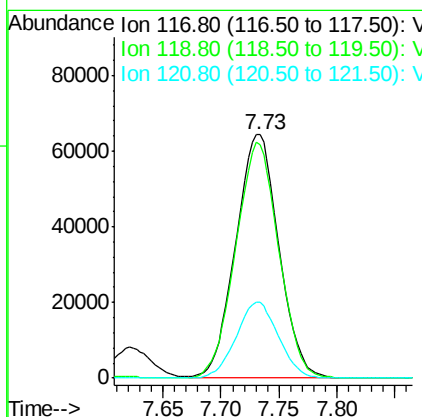
Manual Integrations
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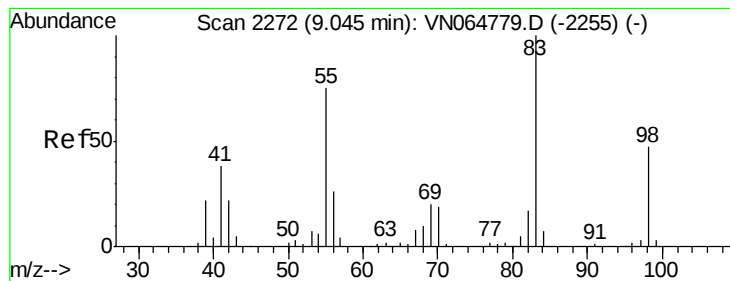
MMDadoda
12/1/2020 9:35:14 AM



#38
Carbon Tetrachloride
Concen: 54.285 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	117	119	121
Ion Ratio	100	95.7	31.0
Resp: Lower		76.7	25.4
Upper		115.1	38.2





#39

Methvlcvclohexane

Concen: 58.156 ug/l

RT: 9.05 min Scan# 2272

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

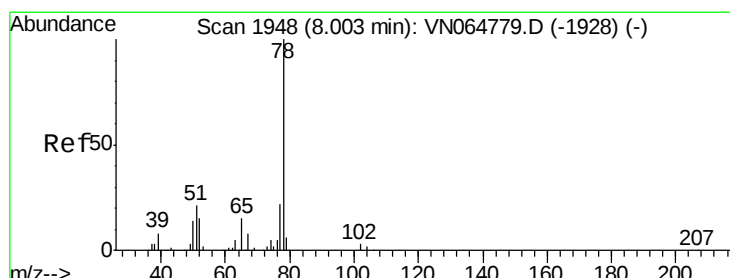
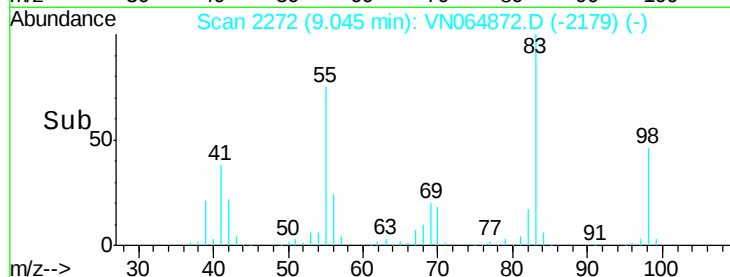
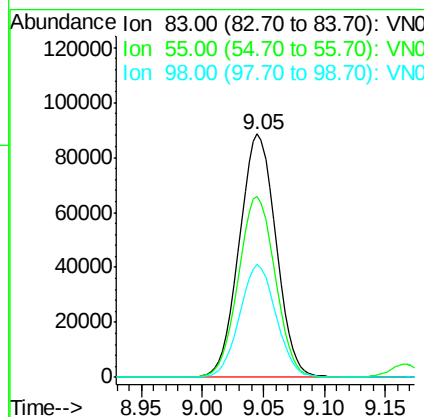
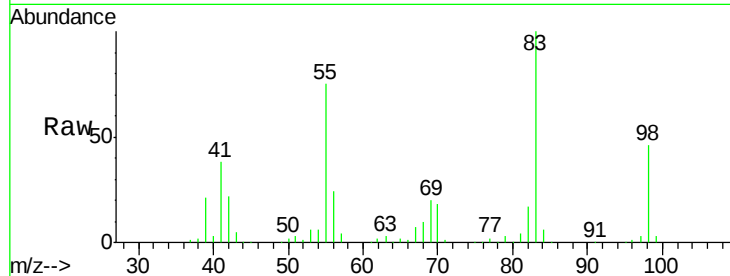
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	184584
Ion Ratio	Lower	Upper	
83	100		
55	74.5	60.2	90.2
98	46.2	37.4	56.2

Manual Integrations
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12/1/2020 9:35:14 AM



#40

Benzene

Concen: 53.864 ug/l

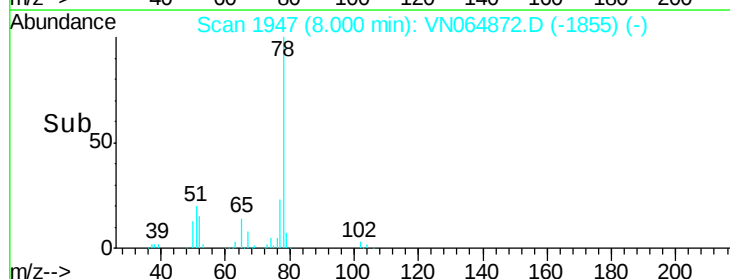
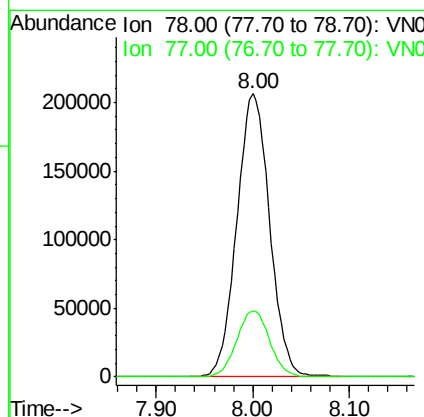
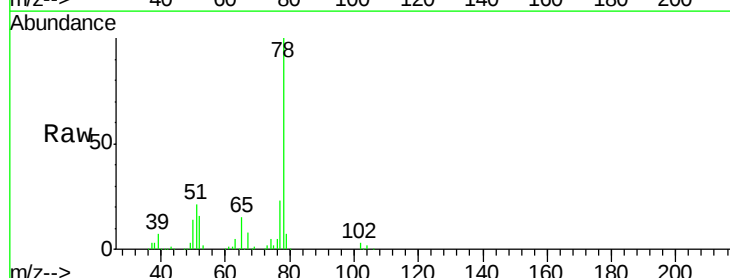
RT: 8.00 min Scan# 1947

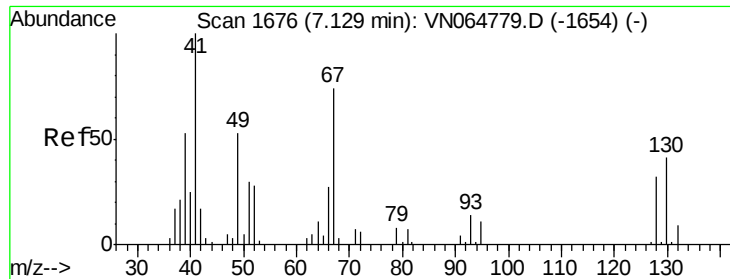
Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	78	Resp:	486655
Ion Ratio	Lower	Upper	
78	100		
77	23.4	17.9	26.9





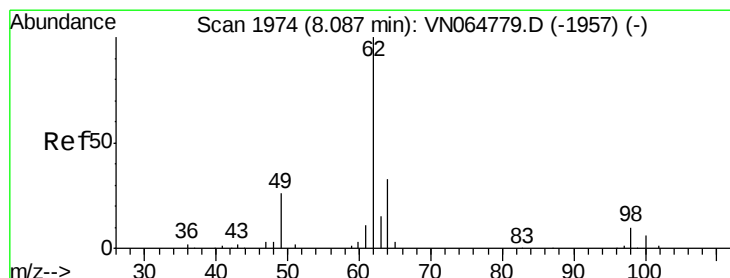
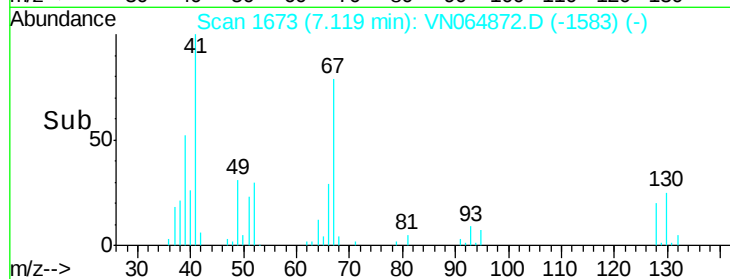
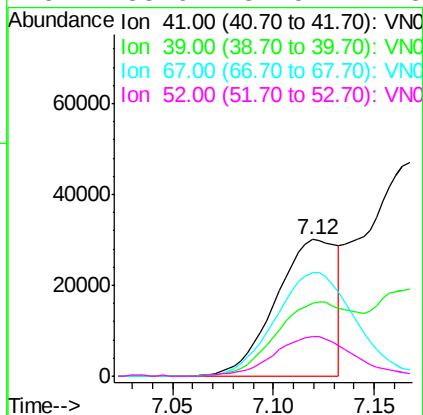
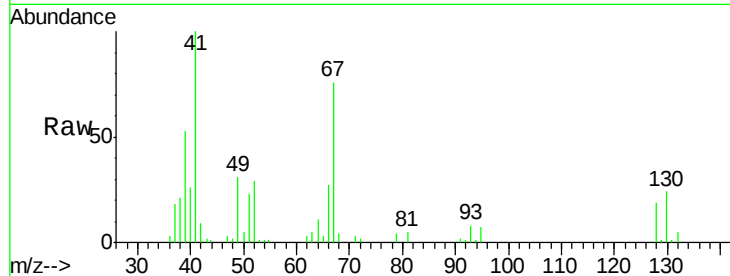
#41
Methacrylonitrile
Concen: 48.261 ug/l
RT: 7.12 min Scan# 1673
Delta R.T. -0.01 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	63245
Ion	Ratio	Lower	Upper
41	100		
39	71.2	51.0	76.6
67	100.0	79.8	119.8
52	38.6	31.5	47.3

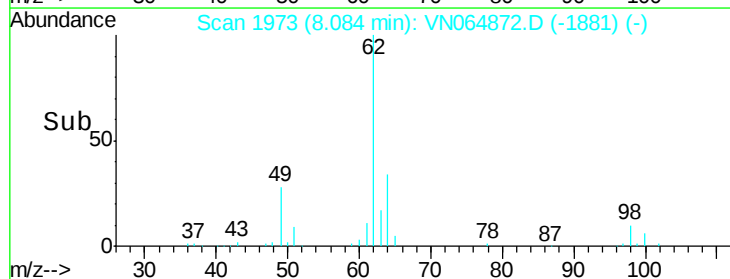
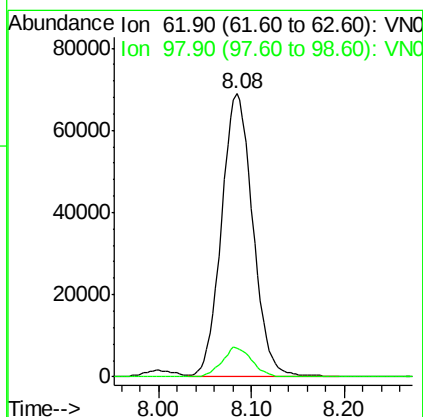
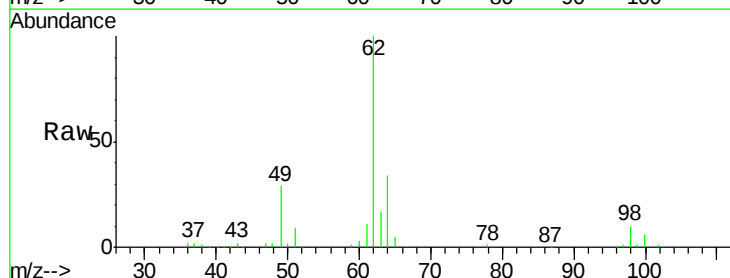
Manual Integrations
APPROVED

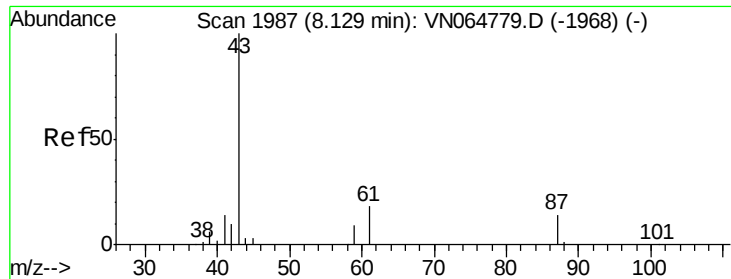
MMDadoda
12/1/2020 9:35:14 AM



#42
1,2-Dichloroethane
Concen: 53.021 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion:	62	Resp:	161600
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.6





#43

Isopropyl Acetate

Concen: 53.080 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

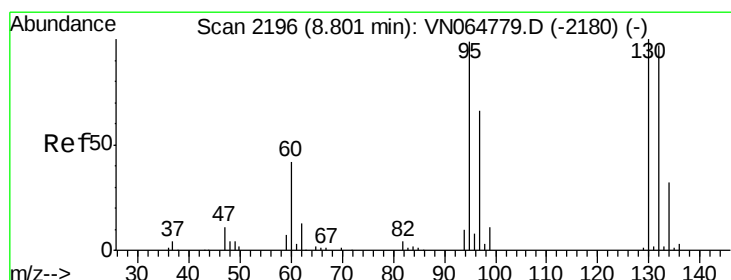
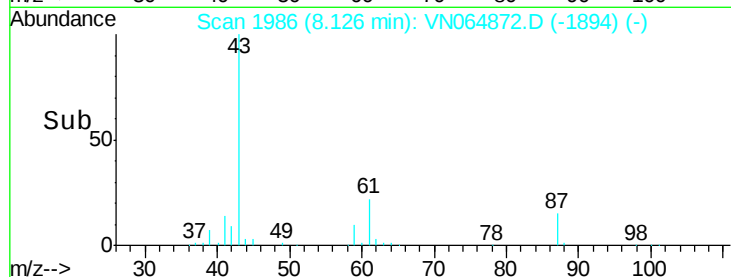
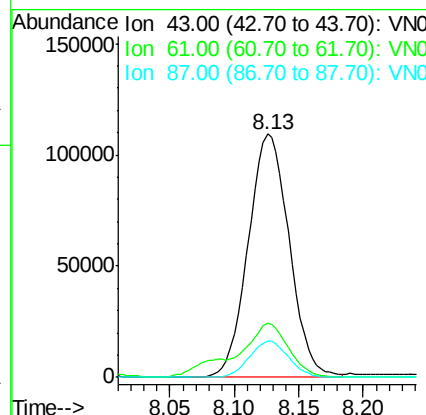
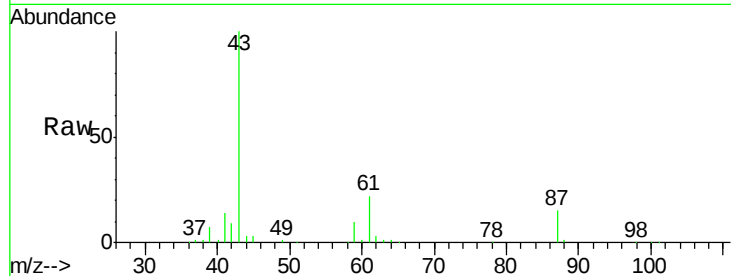
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	242576
Ion	Ratio	Lower	Upper
43	100		
61	28.6	17.2	25.8#
87	14.4	11.4	17.0

Manual Integrations
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#44

Trichloroethene

Concen: 54.582 ug/l

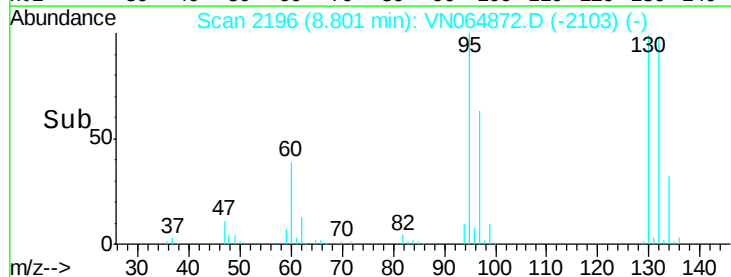
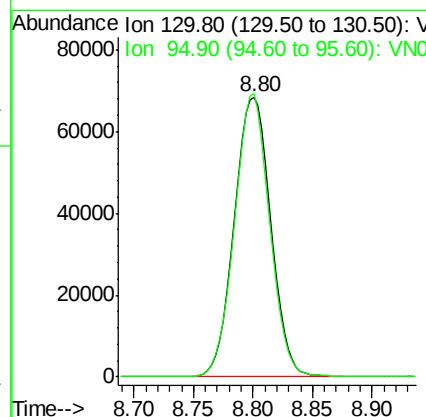
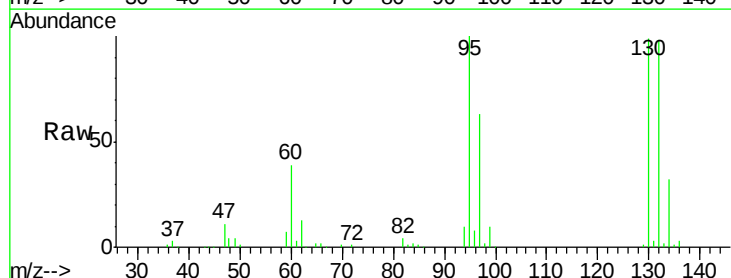
RT: 8.80 min Scan# 2196

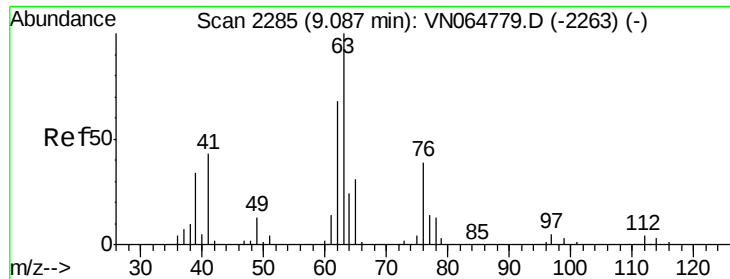
Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	130	Resp:	145502
Ion	Ratio	Lower	Upper
130	100		
95	101.2	0.0	197.8





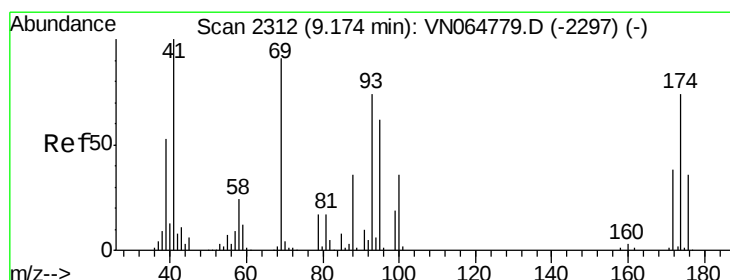
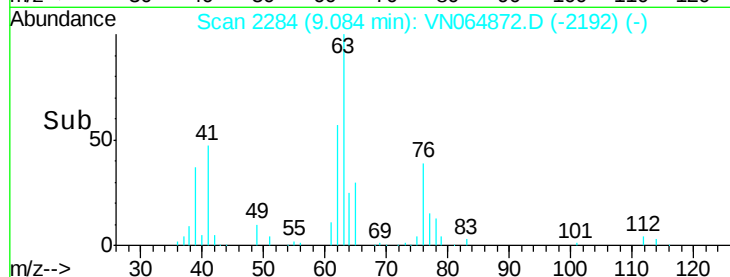
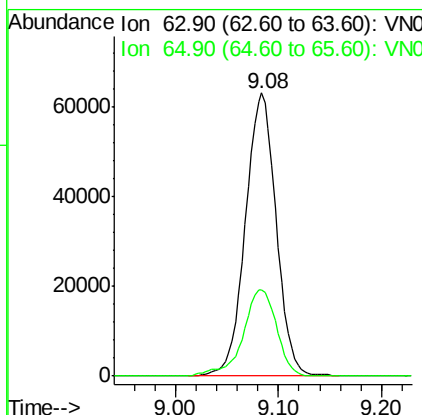
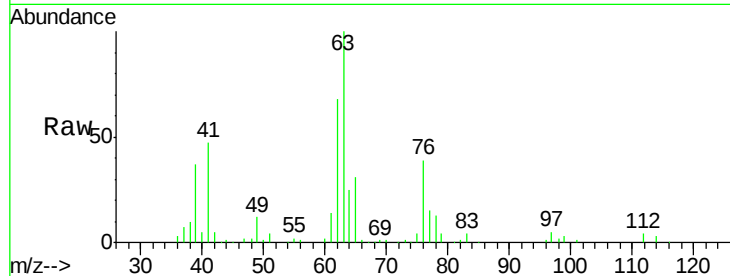
#45
 1,2-Dichloropropane
 Concen: 55.835 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampled :
 VSTDCCC050EC

Tot Ion: 63 Resp: 130638
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.0 37.4

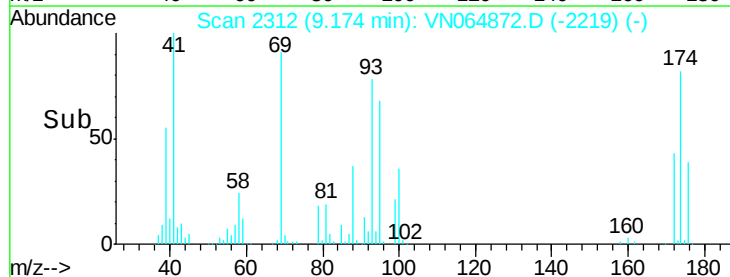
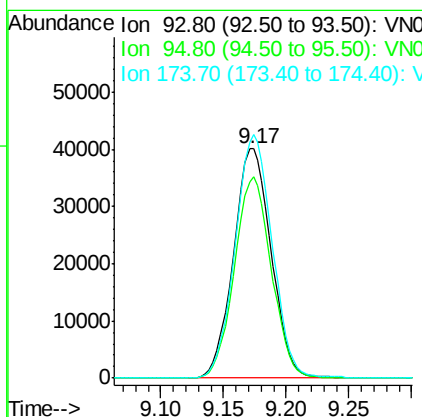
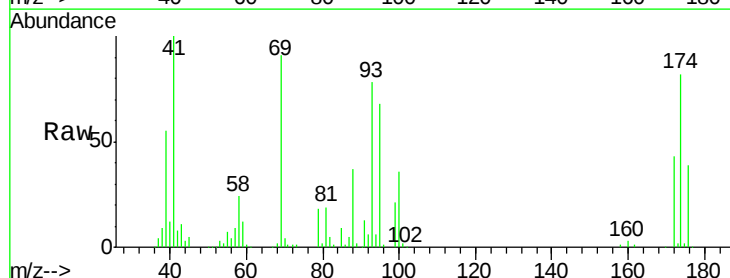
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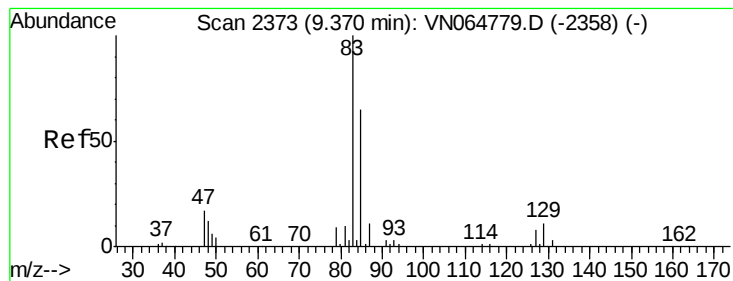
MMDadoda
 12/1/2020 9:35:14 AM



#46
 Dibromomethane
 Concen: 53.555 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 93 Resp: 83712
 Ion Ratio Lower Upper
 93 100
 95 85.9 68.8 103.2
 174 104.4 83.1 124.7





#47

Bromodichloromethane

Concen: 54.629 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

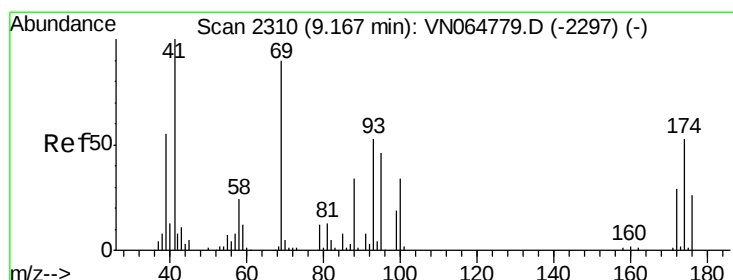
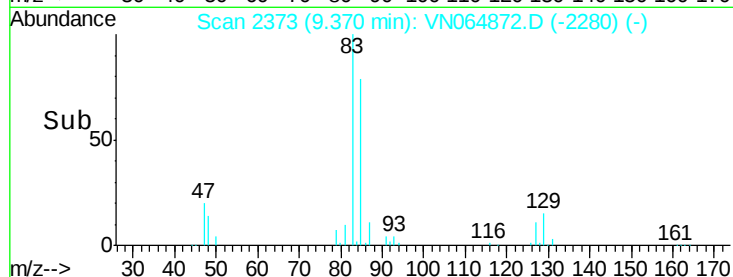
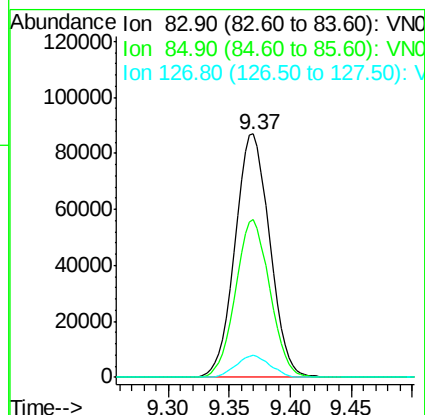
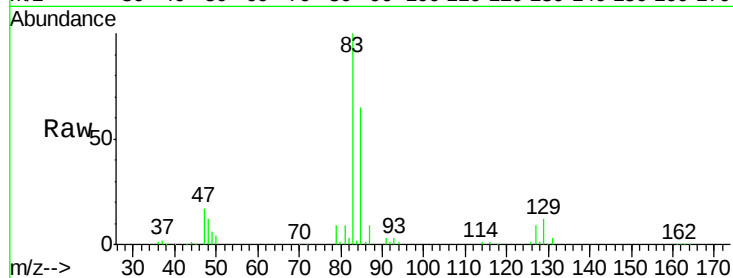
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	171816
Ion Ratio	Lower	Upper	
83	100		
85	64.7	51.8	77.8
127	9.0	6.8	10.2

Manual Integrations
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MMDadoda
12/1/2020 9:35:14 AM



#48

Methyl methacrylate

Concen: 53.585 ug/l

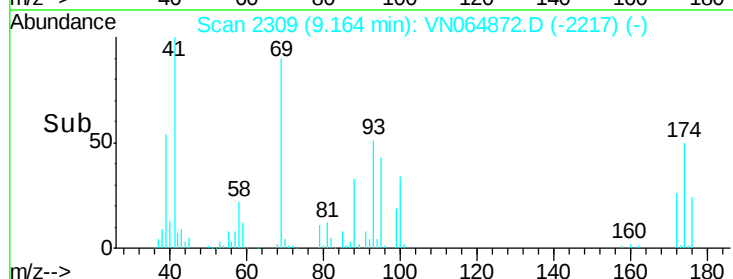
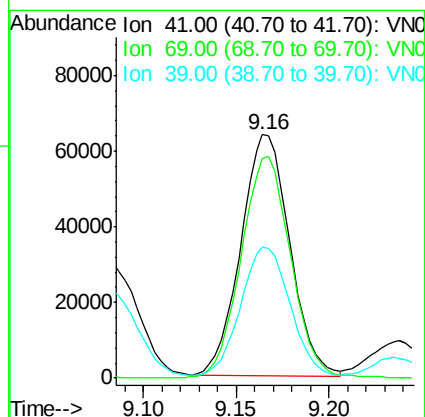
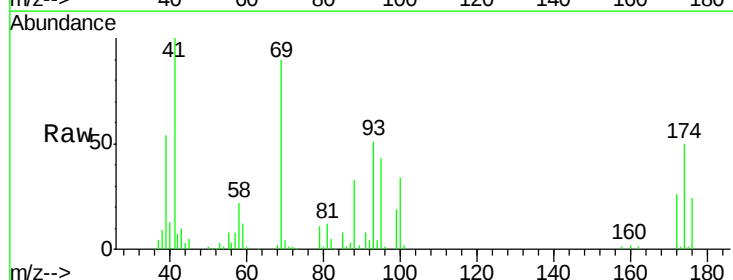
RT: 9.16 min Scan# 2309

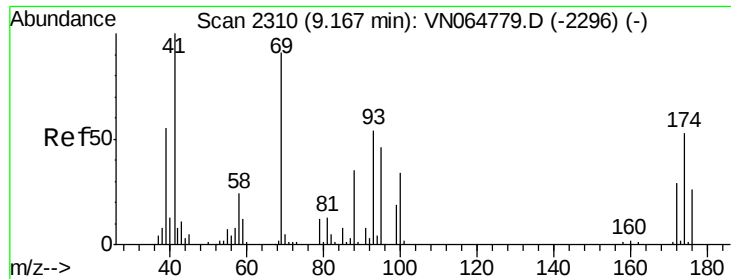
Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion:	41	Resp:	117014
Ion Ratio	Lower	Upper	
41	100		
69	93.3	71.8	107.8
39	55.9	44.1	66.1





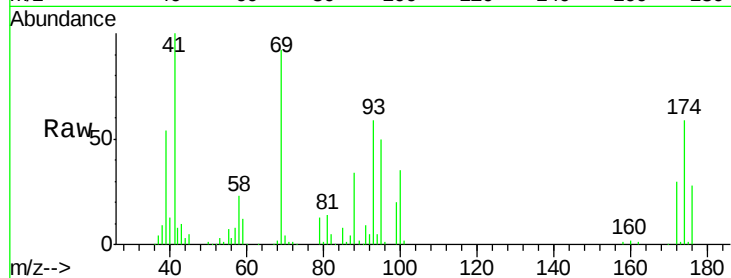
#49
1,4-Dioxane
Concen: 1074.022 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	44328
Ion Ratio	Lower	Upper	
88	100		
43	27.8	24.2	36.4
58	68.2	52.5	78.7

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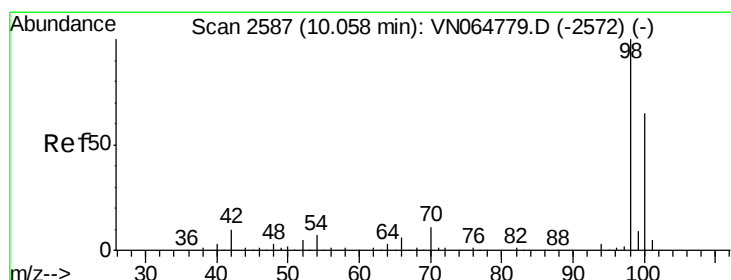
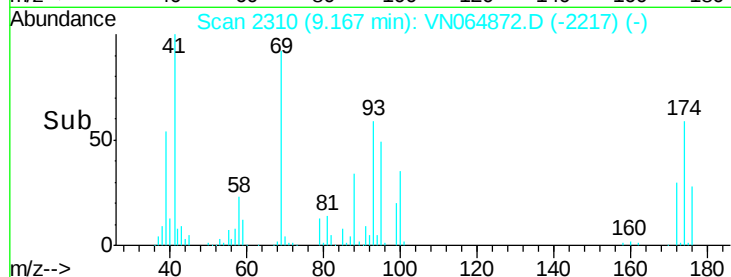
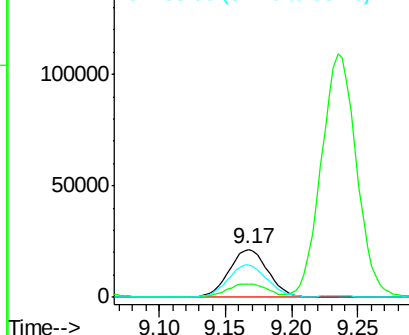
MMDadoda
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Abundance Ion 88.00 (87.70 to 88.70): VN064872.D (-2217) (-)

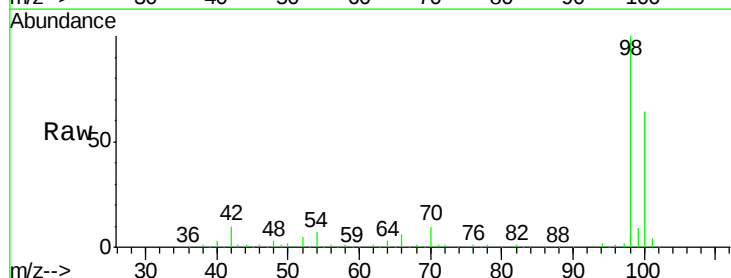
Ion 43.00 (42.70 to 43.70): VN064872.D (-2217) (-)

Ion 58.00 (57.70 to 58.70): VN064872.D (-2217) (-)



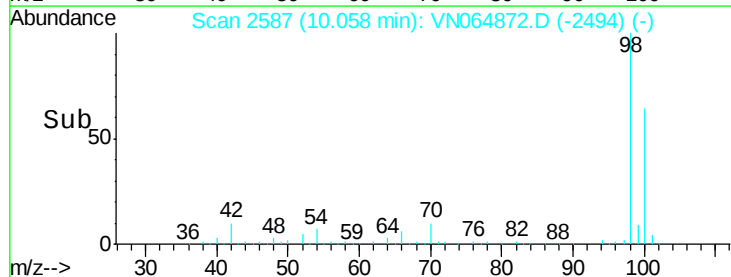
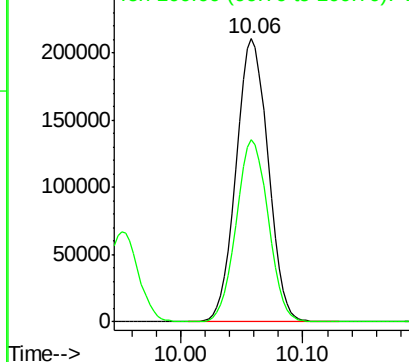
#50
Toluene-d8
Concen: 49.207 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	98	Resp	382680
Ion Ratio	Lower	Upper	
98	100		
100	64.1	51.7	77.5



Abundance Ion 98.00 (97.70 to 98.70): VN064872.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN064872.D (-2494) (-)





#51

4-Methyl-2-Pentanone

Concen: 269.351 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 738992

Ion Ratio Lower Upper

43 100

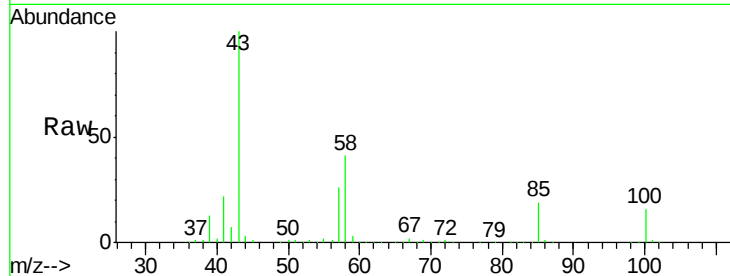
58 40.7 32.4 48.6

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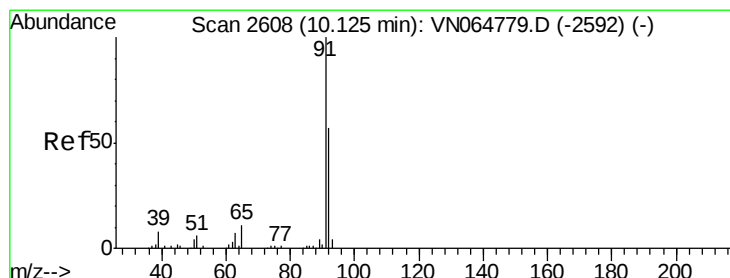
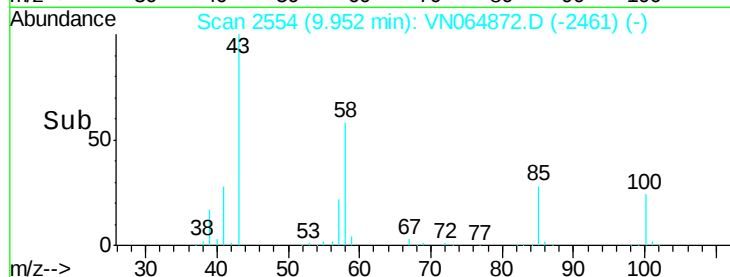
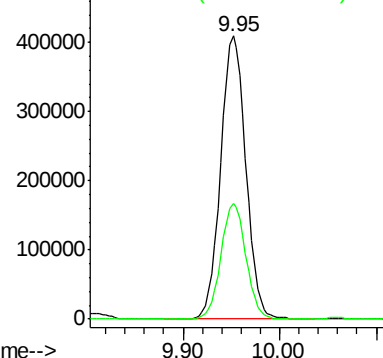
MMDadoda

12/1/2020 9:35:14 AM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 55.462 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064872.D

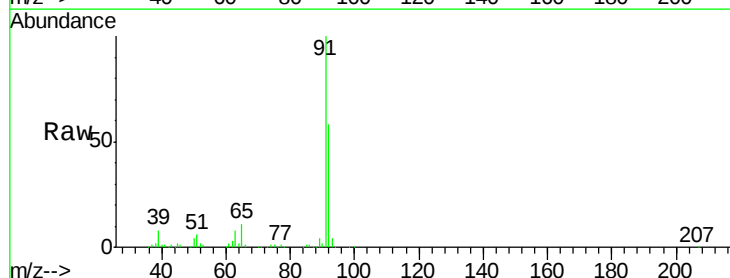
Acq: 30 Nov 2020 15:10

Tgt Ion: 92 Resp: 308592

Ion Ratio Lower Upper

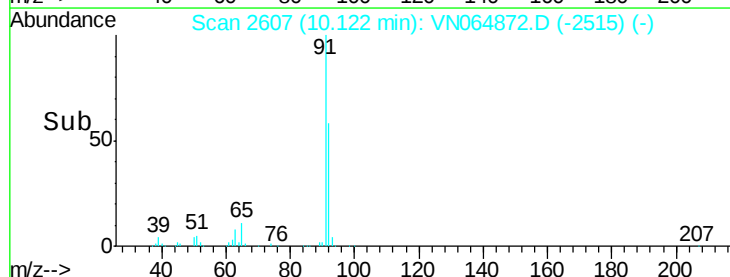
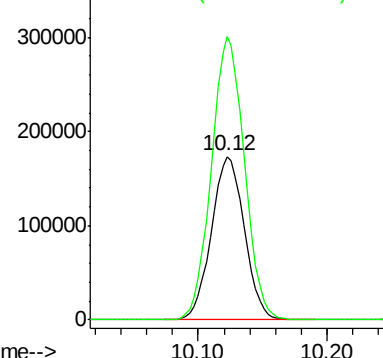
92 100

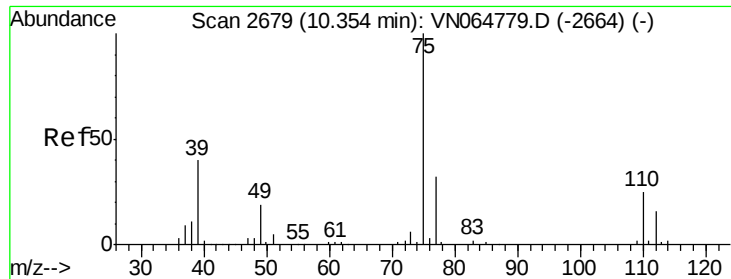
91 173.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





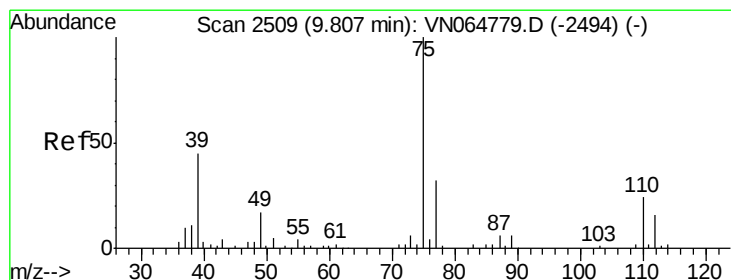
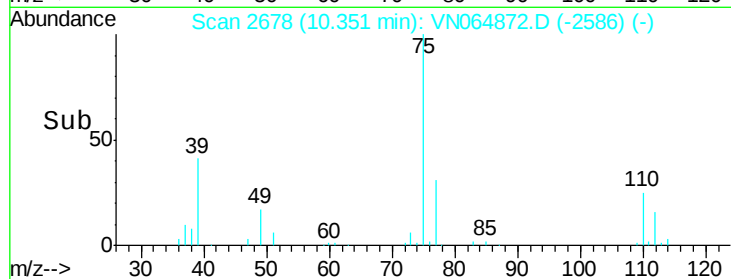
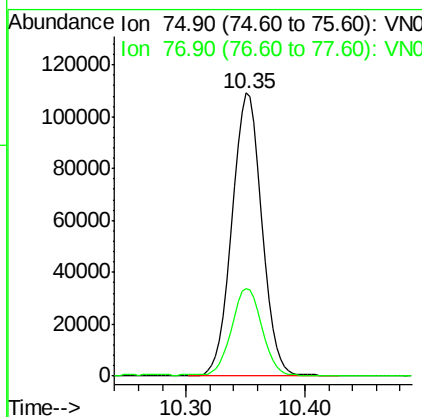
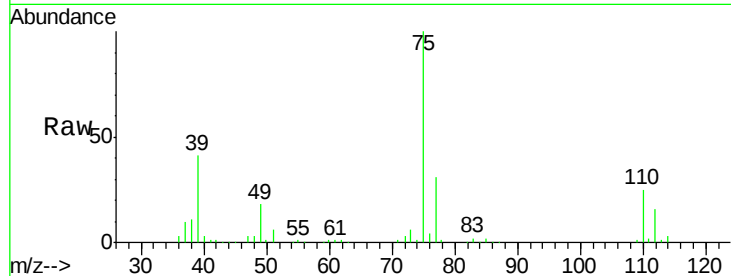
#53
t-1,3-Dichloropropene
Concen: 54.329 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.9	25.8	38.6

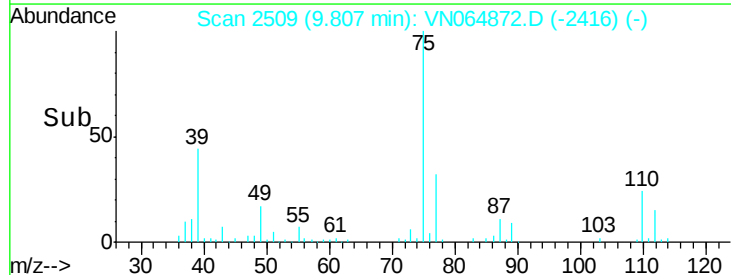
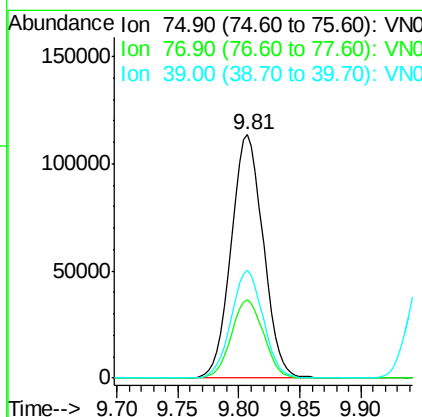
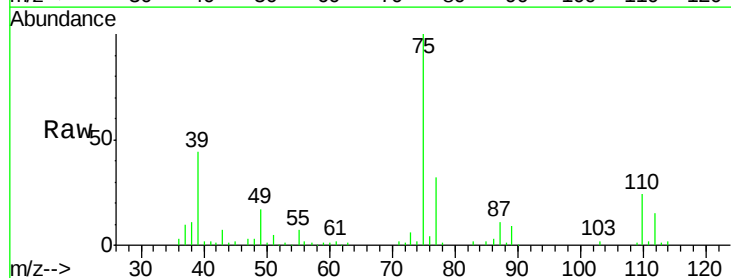
Manual Integrations
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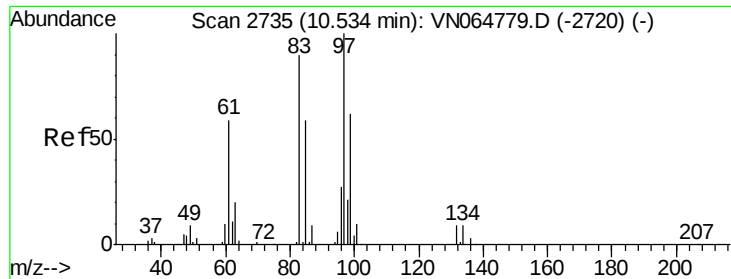
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#54
cis-1,3-Dichloropropene
Concen: 55.370 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.5	38.3
39	44.2	35.6	53.4





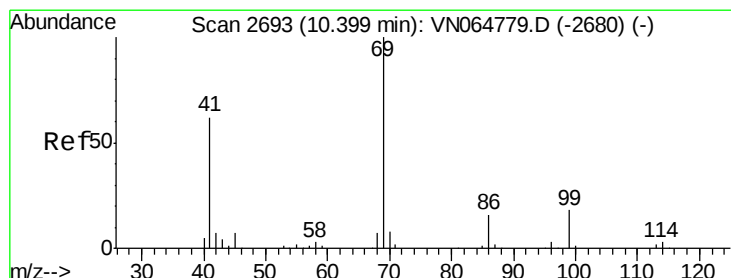
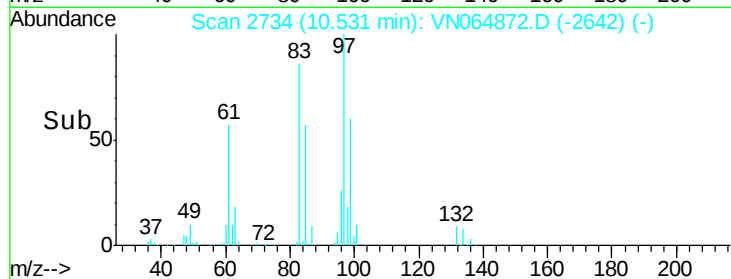
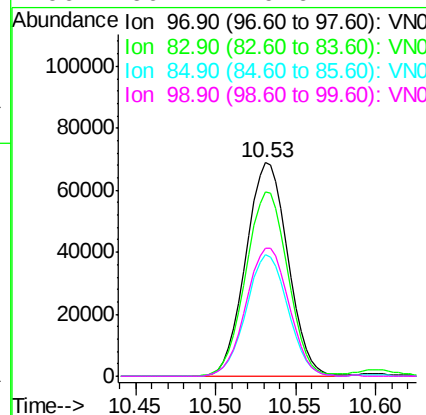
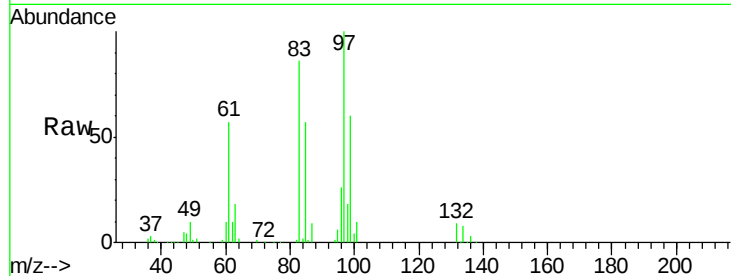
#55
 1,1,2-Trichloroethane
 Concen: 54.217 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		124048		
83	86.5	72.1	108.1		
85	56.7	46.8	70.2		
99	60.2	49.6	74.4		

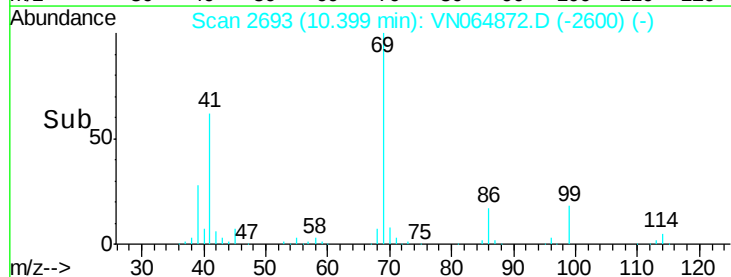
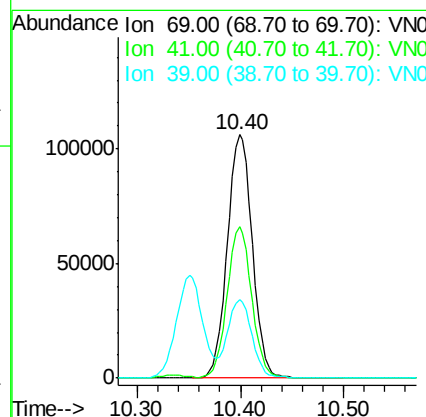
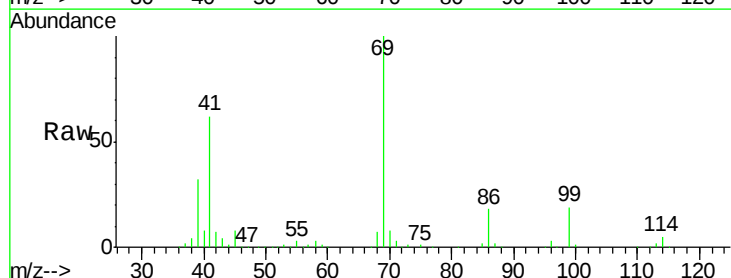
Manual Integrations
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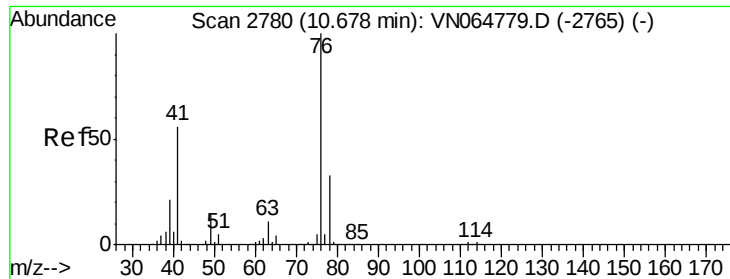
MMDadoda
 12/1/2020 9:35:14 AM



#56
 Ethyl methacrylate
 Concen: 56.871 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		179562		
41	60.7	49.4	74.0		
39	31.6	25.9	38.9		





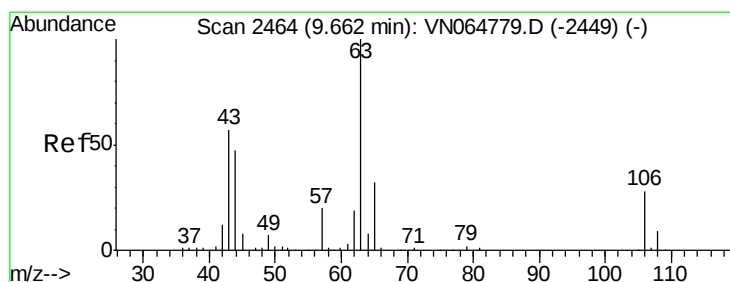
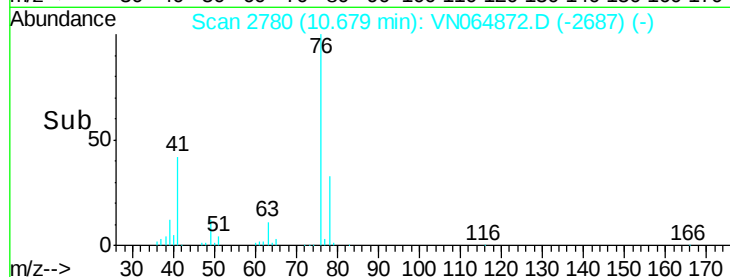
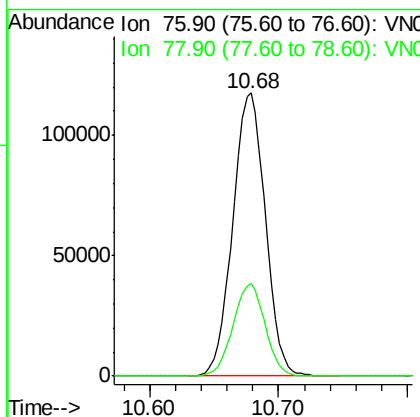
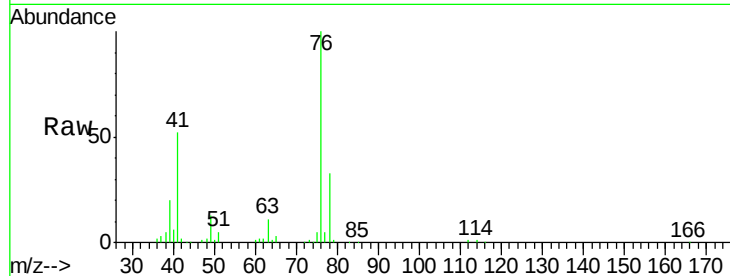
#57
 1,3-Dichloropropane
 Concen: 54.597 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 206059
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1

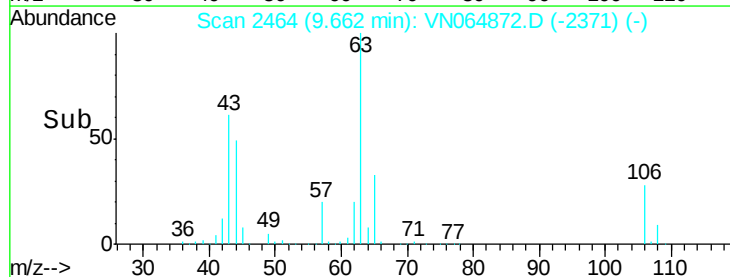
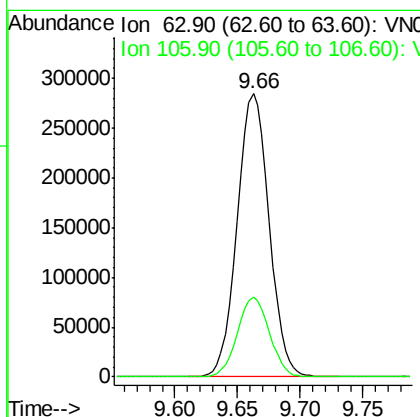
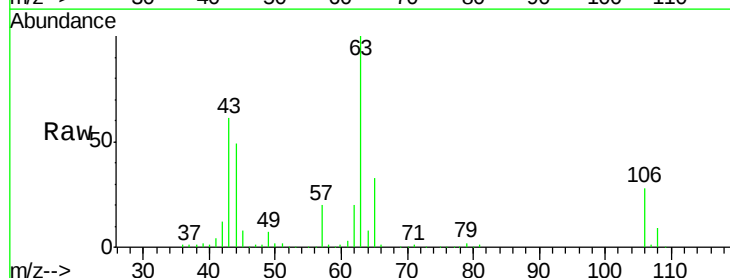
Manual Integrations
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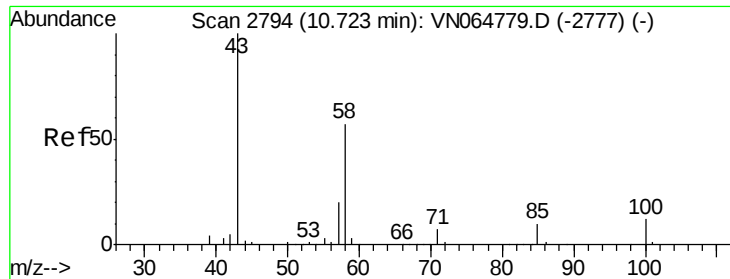
MMDadoda
 12/1/2020 9:35:14 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 289.824 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 63 Resp: 503353
 Ion Ratio Lower Upper
 63 100
 106 28.2 22.7 34.1





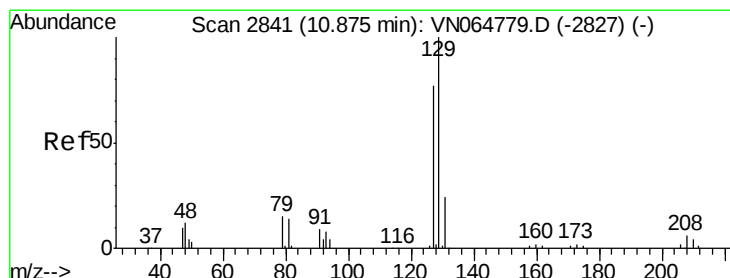
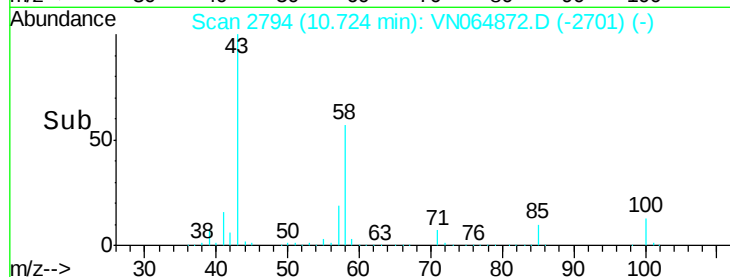
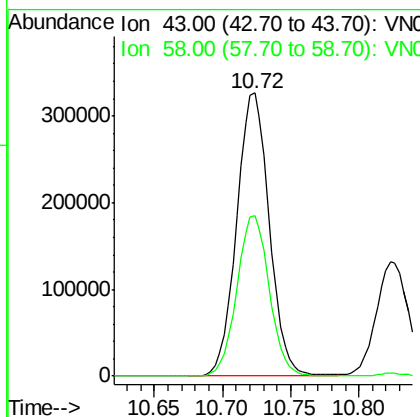
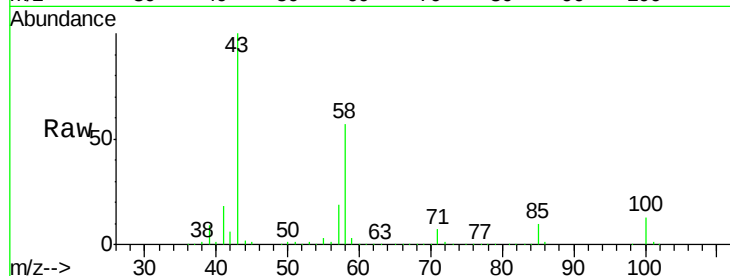
#59
2-Hexanone
Concen: 274.333 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 541680
Ion Ratio Lower Upper
43 100
58 56.5 28.3 84.9

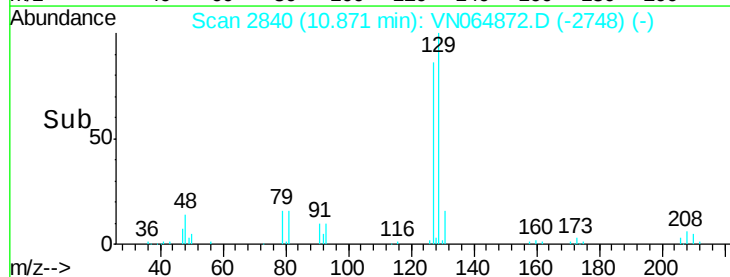
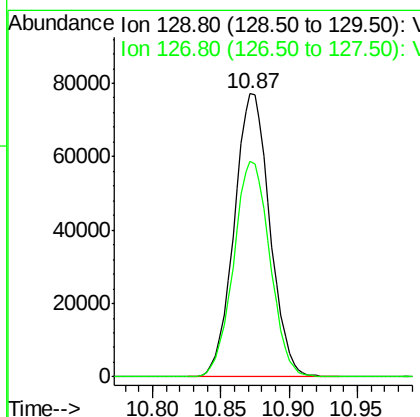
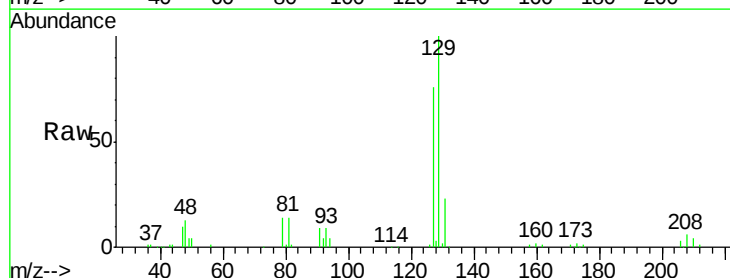
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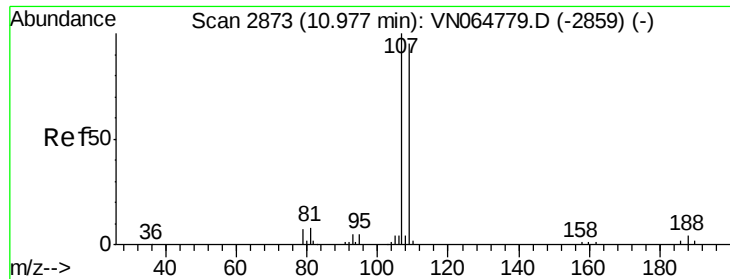
MMDadoda
12/1/2020 9:35:14 AM



#60
Dibromochloromethane
Concen: 54.976 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 129 Resp: 139820
Ion Ratio Lower Upper
129 100
127 77.2 39.1 117.2





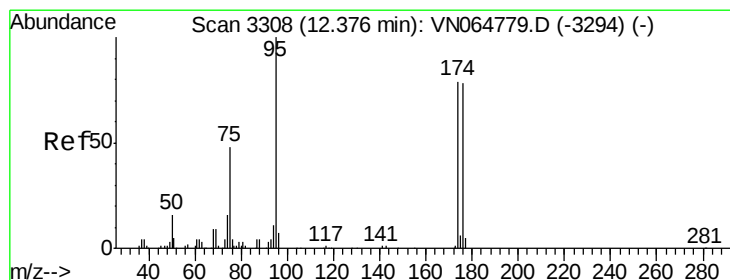
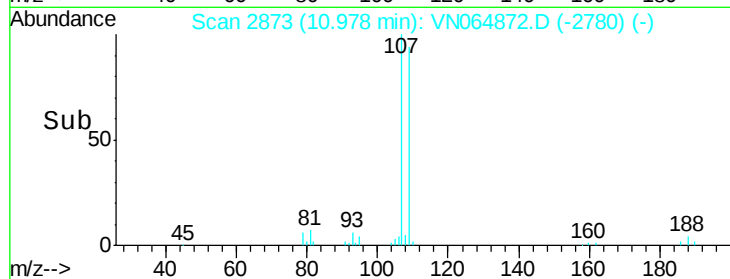
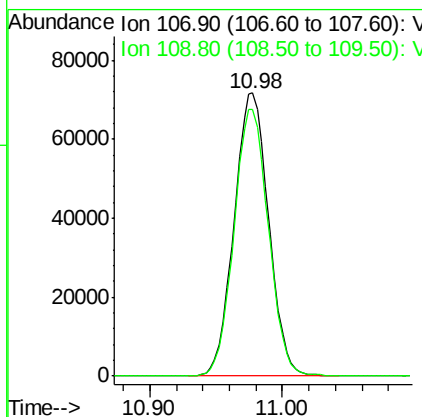
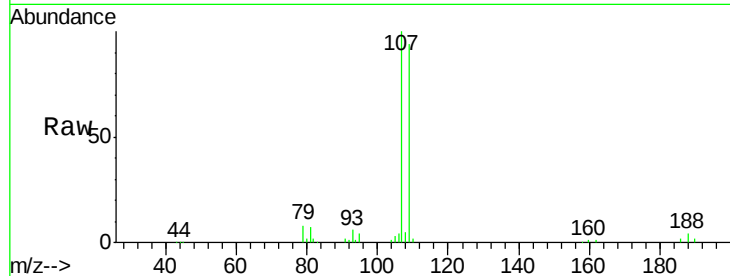
#61
 1,2-Dibromoethane
 Concen: 55.667 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	129399		
109	94.4	76.0	114.0	

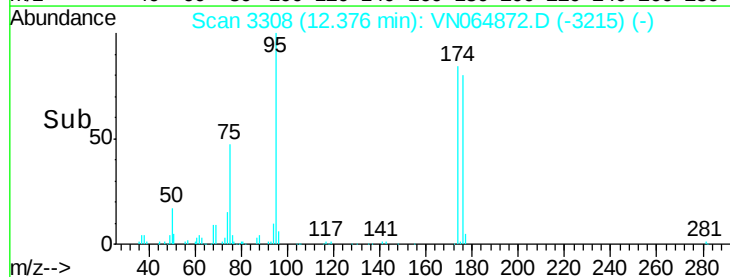
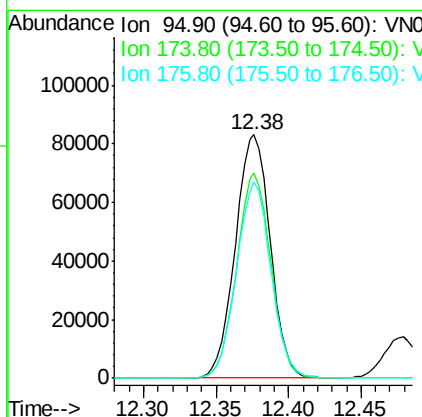
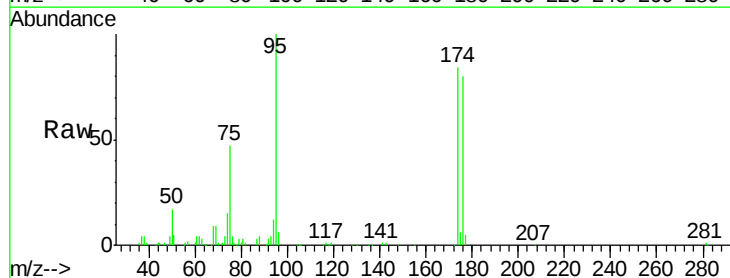
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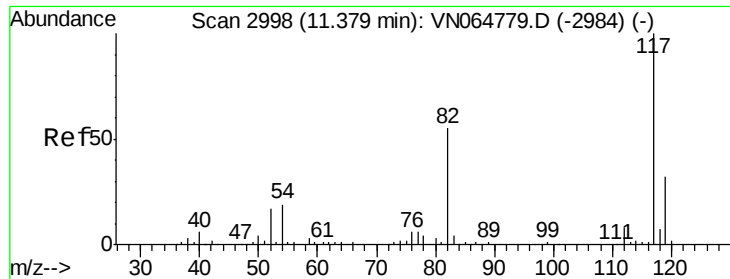
MMDadoda
 12/1/2020 9:35:14 AM



#62
 4-Bromofluorobenzene
 Concen: 49.869 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	138795		
174	83.0	0.0	160.4	
176	79.5	0.0	158.4	





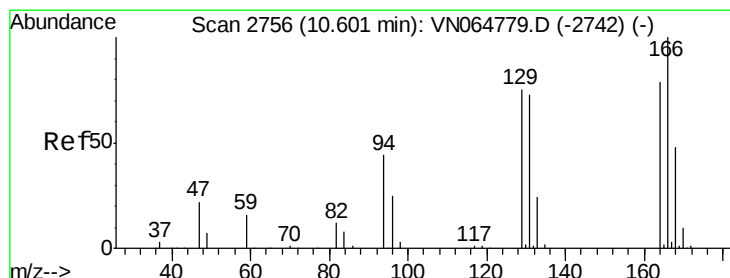
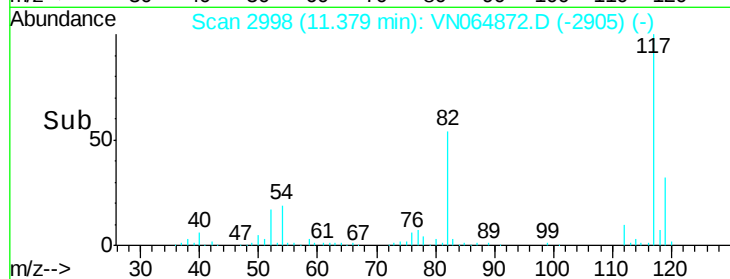
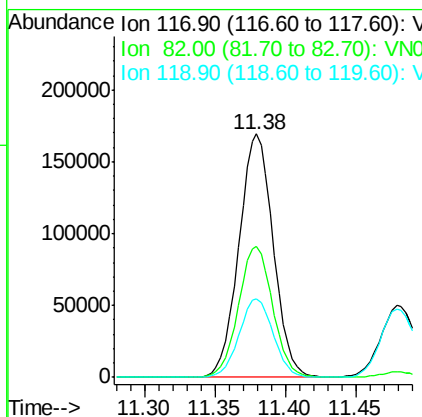
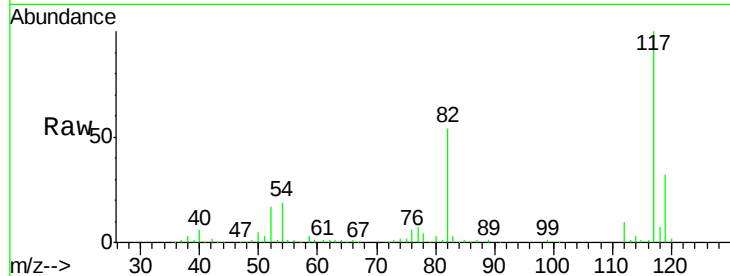
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.2	66.2
119	32.4	25.8	38.6

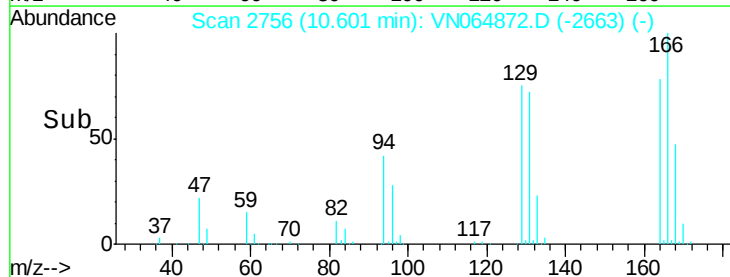
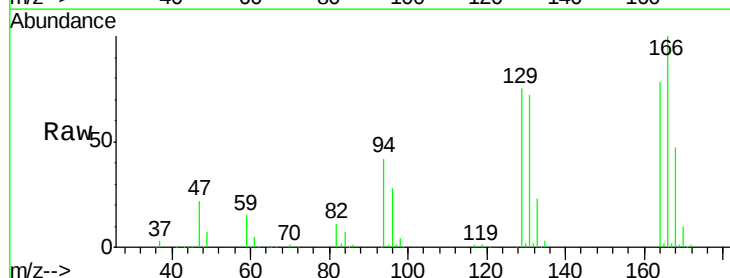
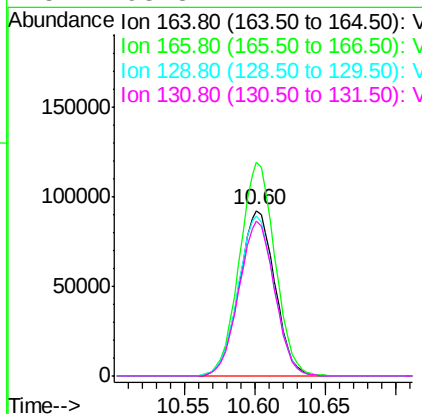
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#64
Tetrachloroethene
Concen: 58.514 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.8	101.4	152.0
129	96.6	76.1	114.1
131	93.3	74.2	111.2





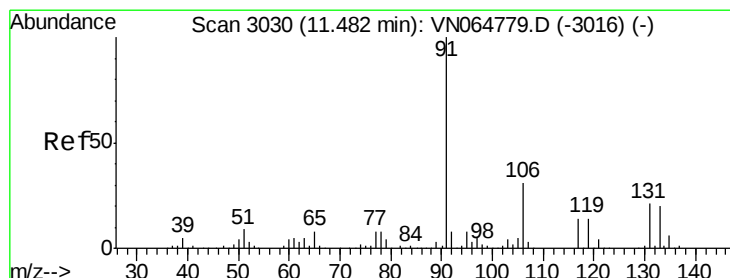
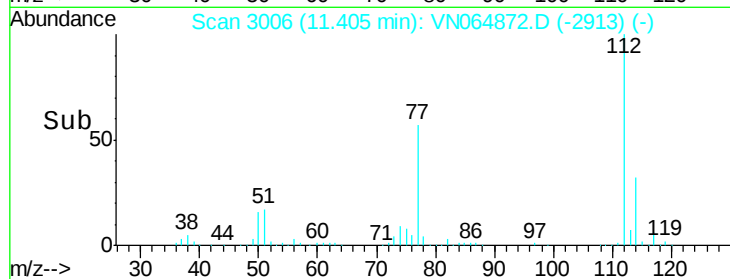
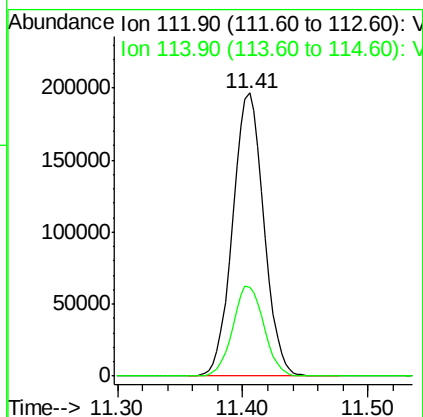
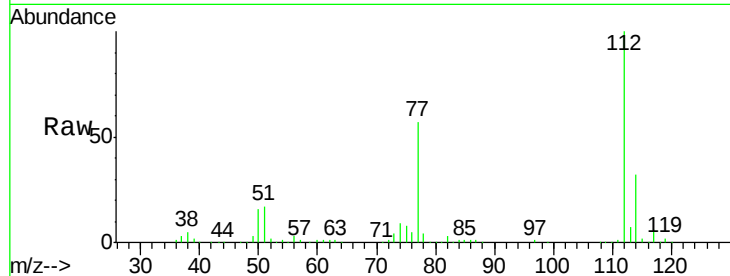
#65
Chlorobenzene
Concen: 54.530 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 338388
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

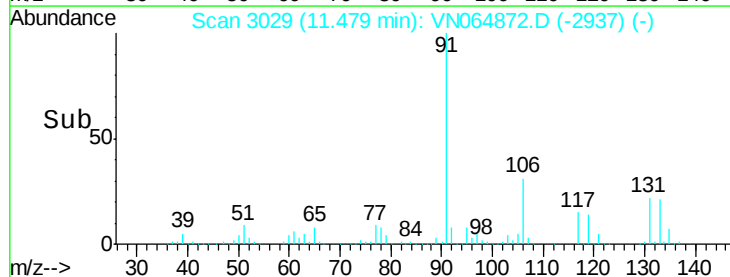
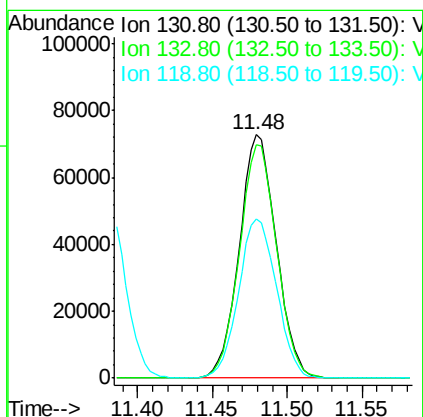
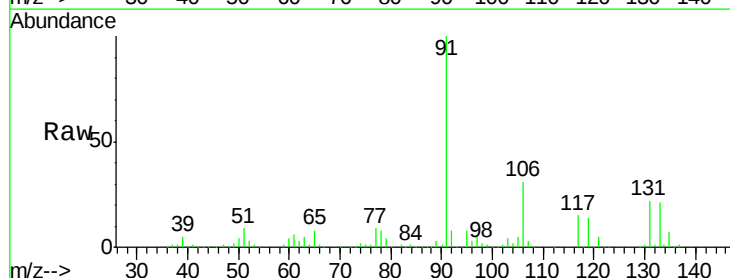
Manual Integrations
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#66
1,1,1,2-Tetrachloroethane
Concen: 55.001 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion:131 Resp: 125434
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 67.2 33.3 99.8





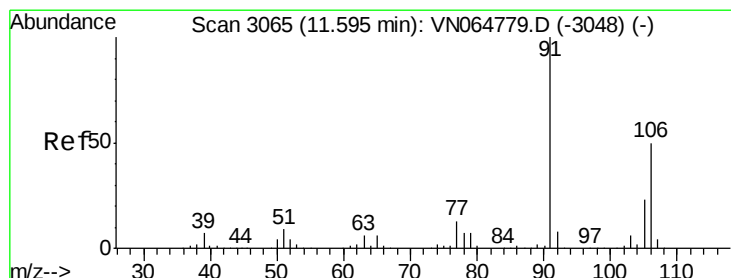
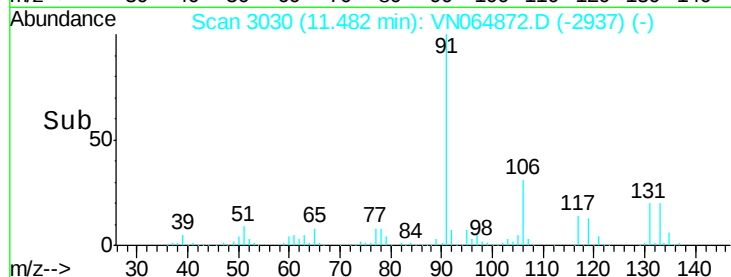
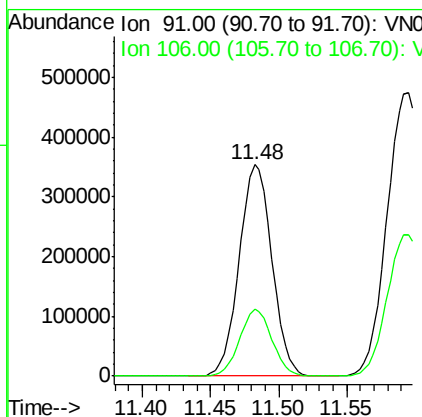
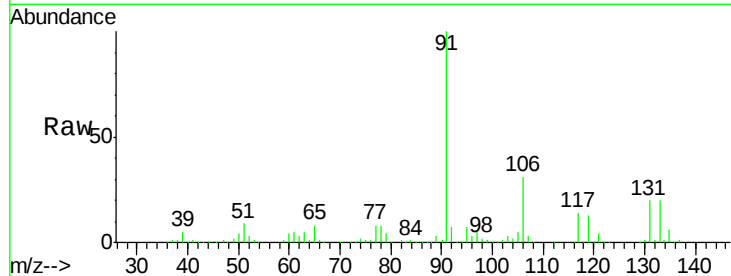
#67
Ethyl Benzene
Concen: 57.008 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 590993
Ion Ratio Lower Upper
91 100
106 31.4 25.2 37.8

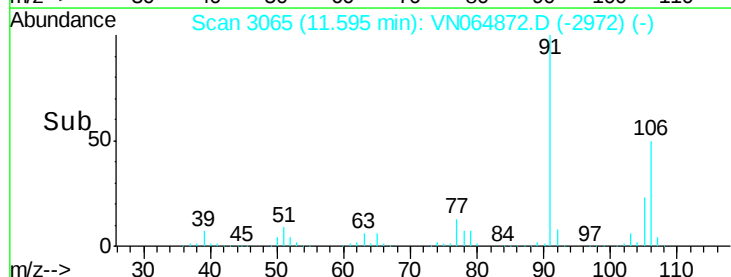
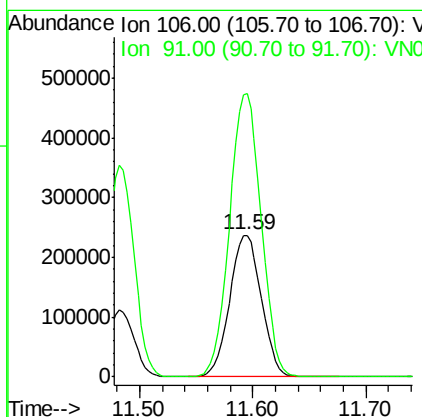
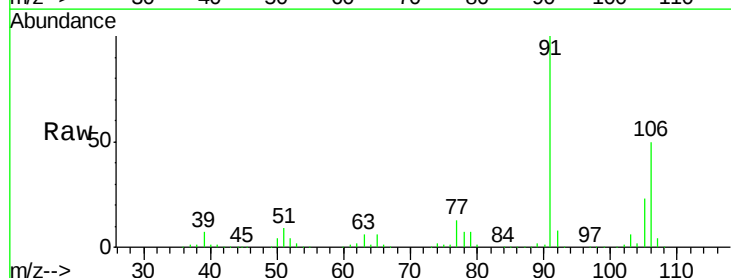
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#68
m/p-Xylenes
Concen: 117.174 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 106 Resp: 459906
Ion Ratio Lower Upper
106 100
91 199.8 161.0 241.4





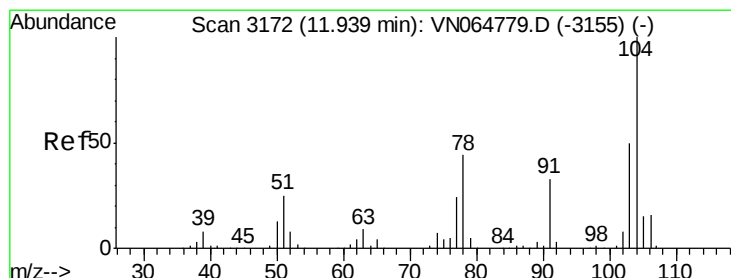
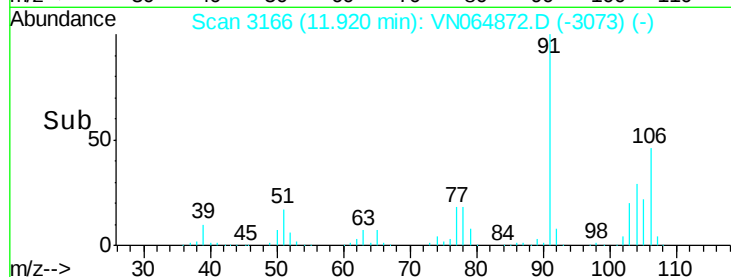
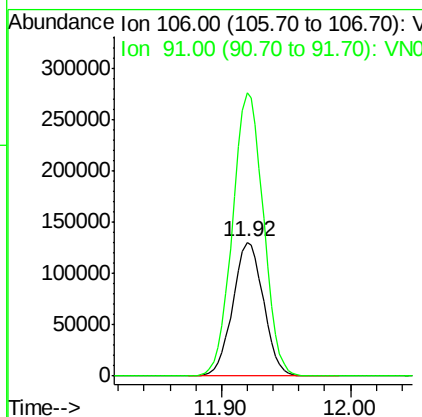
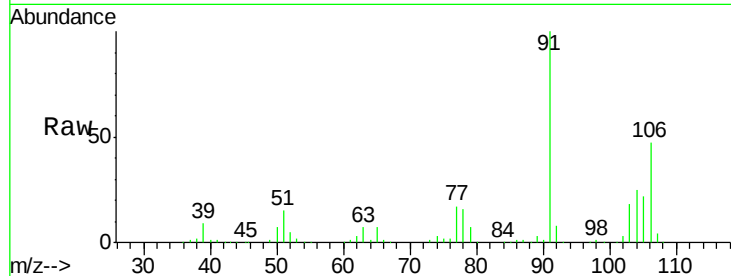
#69
o-Xylene
Concen: 57.933 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		215778		
91	212.9	105.5	316.5		

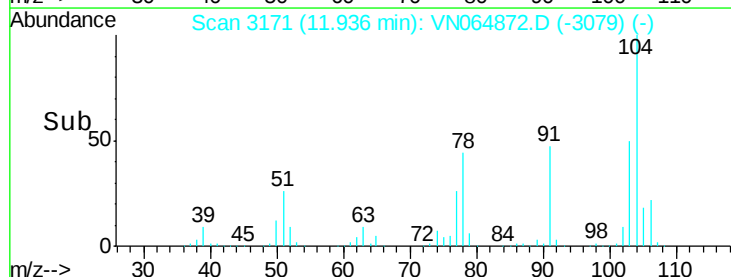
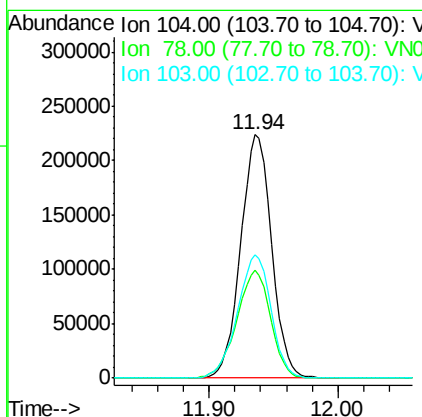
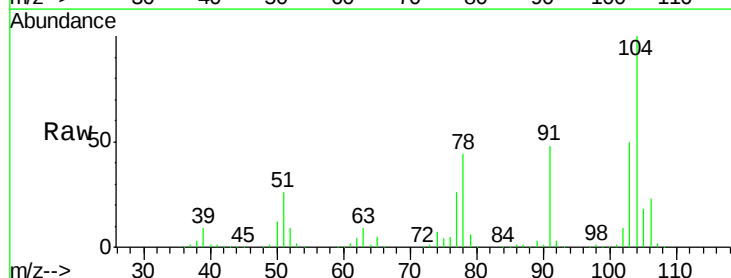
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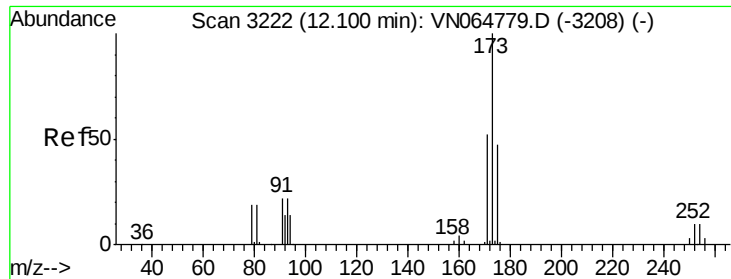
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#70
Styrene
Concen: 59.546 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		374408		
78	48.5	39.0	58.6		
103	54.8	44.3	66.5		





#71

Bromoform

Concen: 54.278 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

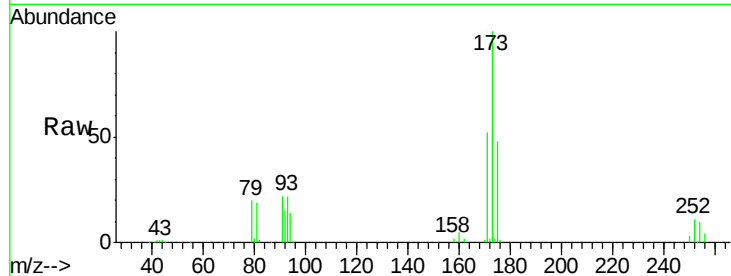
ClientSampleId :

VSTDCCC050EC

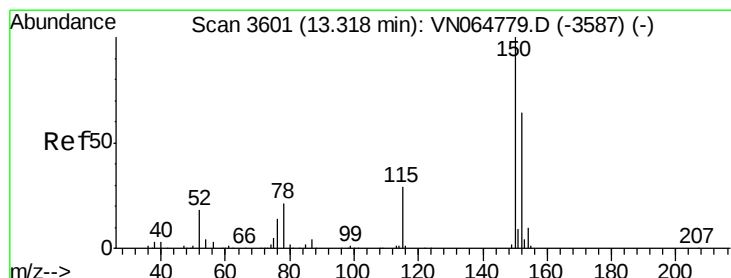
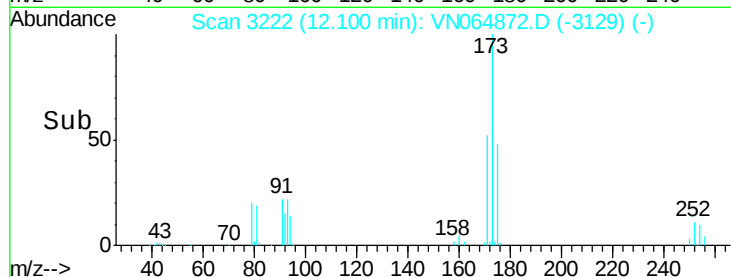
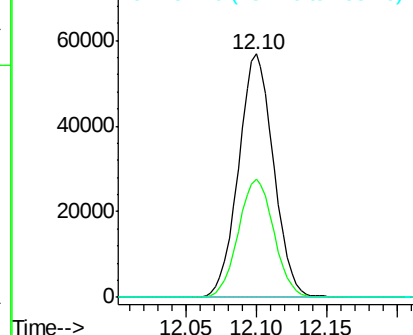
Tot Ion:	173	Resp:	98867
Ion Ratio	Lower	Upper	
173	100		
175	49.2	24.3	72.8
254	0.0	0.0	0.0

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

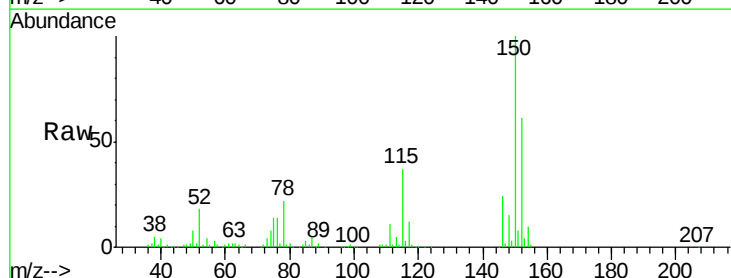
RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

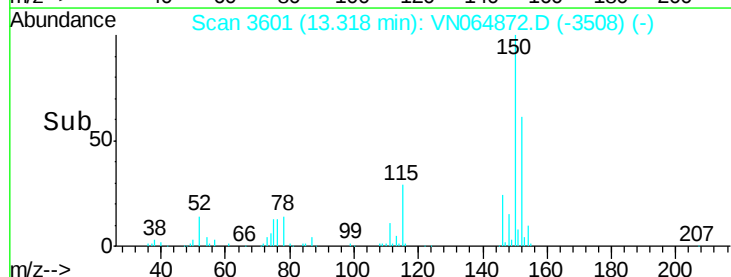
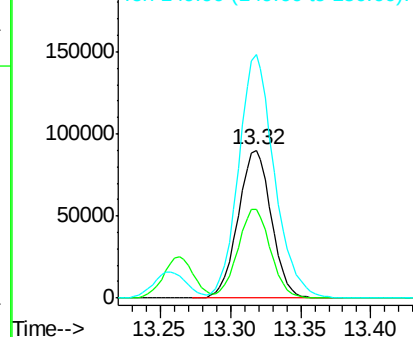
Lab File: VN064872.D

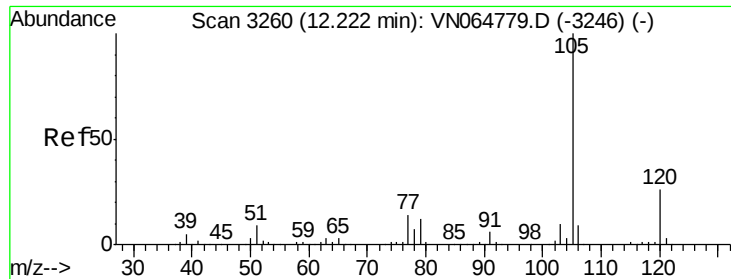
Acq: 30 Nov 2020 15:10

Tgt Ion:	152	Resp:	147808
Ion Ratio	Lower	Upper	
152	100		
115	59.4	29.7	89.1
150	177.8	0.0	350.6



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: 56.479 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 580668

Ion Ratio Lower Upper

105 100

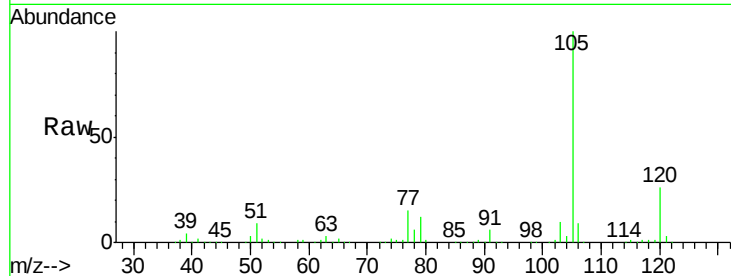
120 26.7 13.3 39.9

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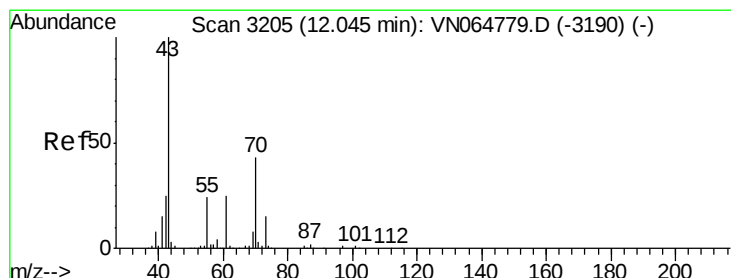
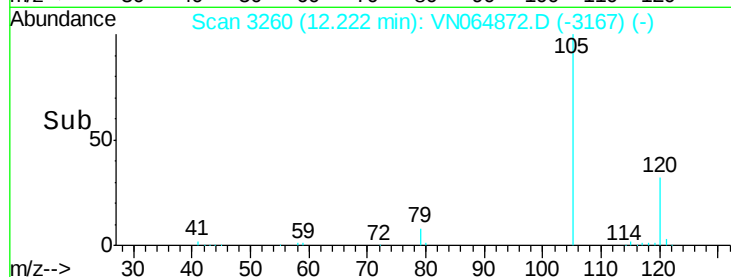
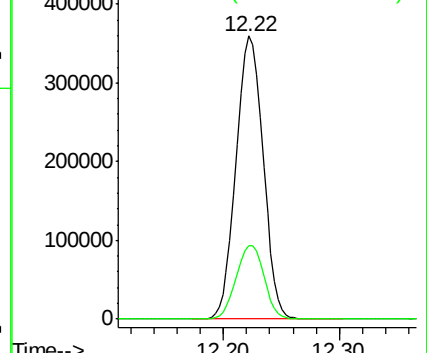
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.673 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 217161

Ion Ratio Lower Upper

43 100

70 44.8 34.5 51.7

55 25.6 20.4 30.6

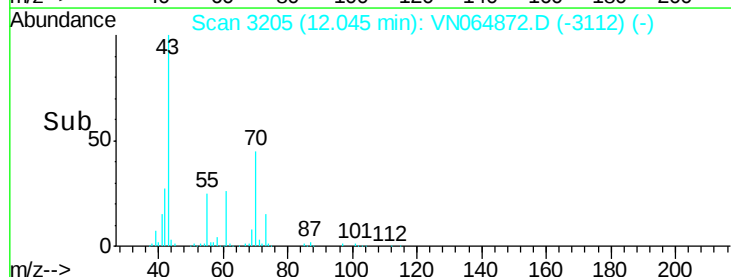
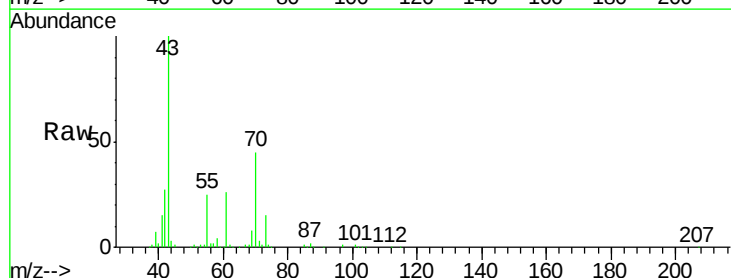
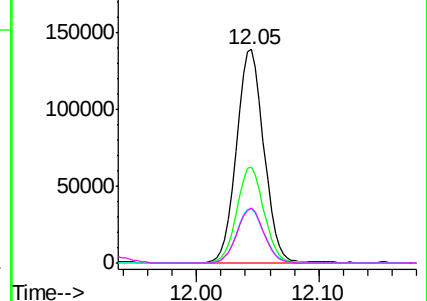
61 25.4 20.0 30.0

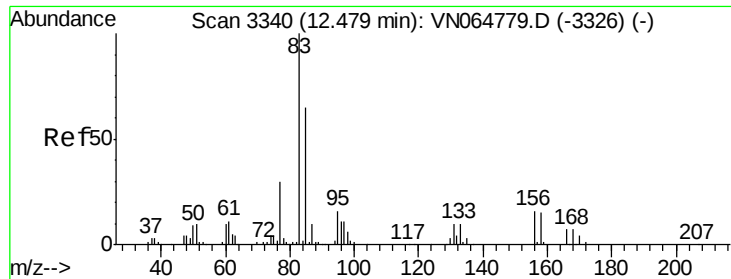
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 50.451 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 152029
Ion Ratio Lower Upper

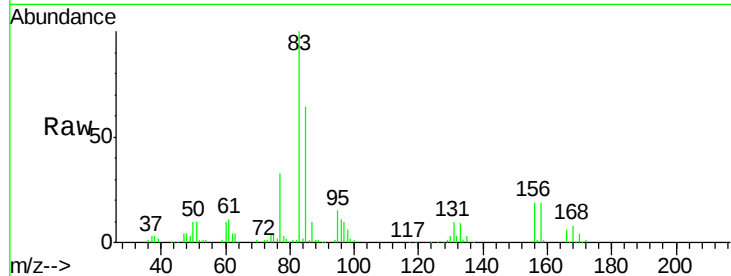
83 100

131 10.3 5.1 15.3

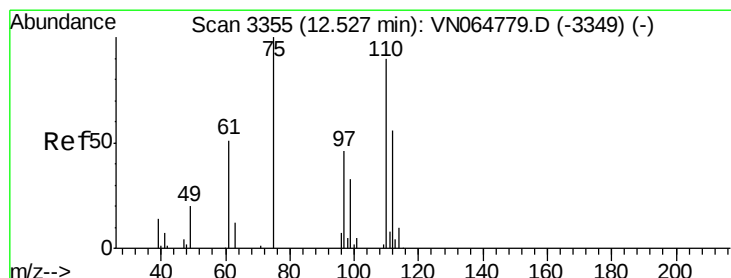
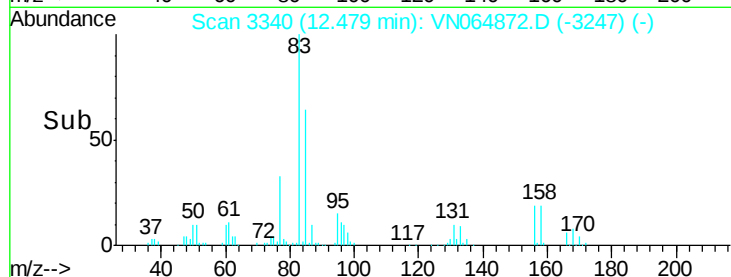
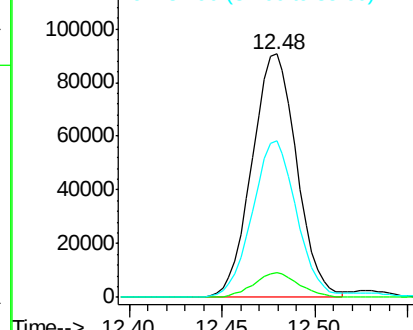
85 63.8 33.0 99.0

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): VN
Ion 84.90 (84.60 to 85.60): VN



#76

1,2,3-Trichloropropane

Concen: 47.039 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

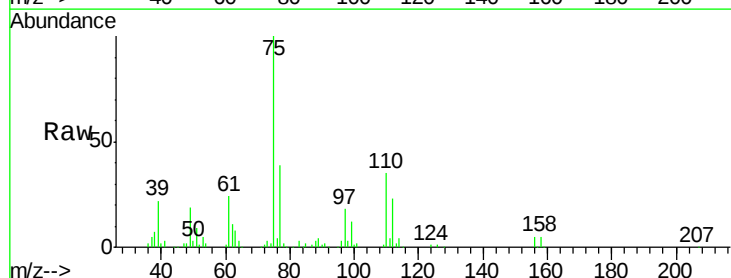
Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

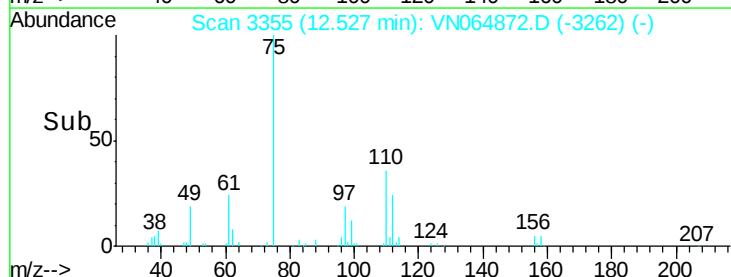
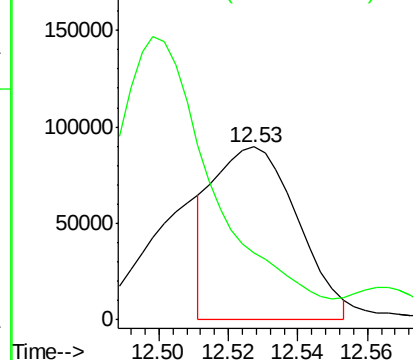
Tgt Ion: 75 Resp: 149733
Ion Ratio Lower Upper

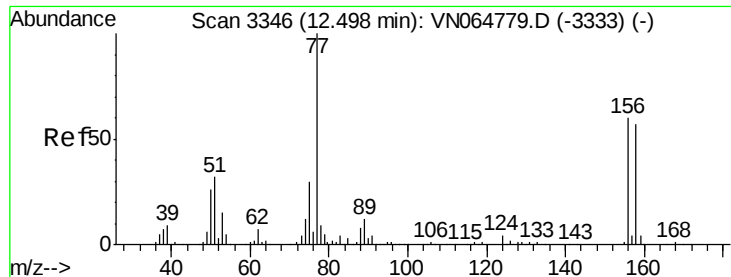
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN





#77

Bromobenzene

Concen: 53.047 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

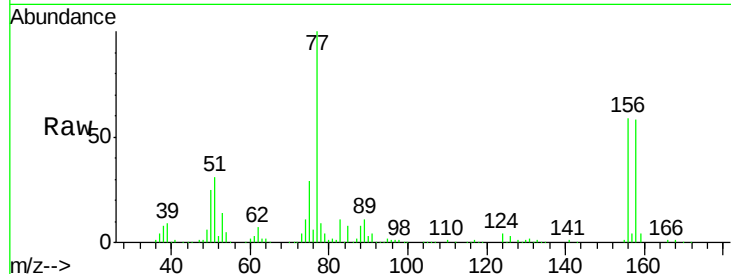
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	147035
Ion Ratio	Lower	Upper	
156	100		
77	203.8	101.3	303.7
158	97.7	48.2	144.6

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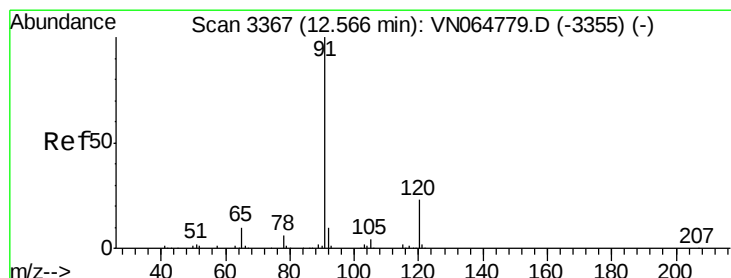
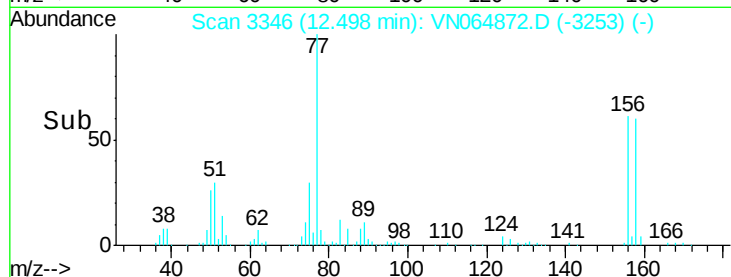
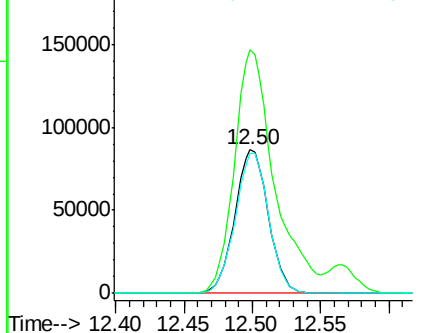
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 57.740 ug/l

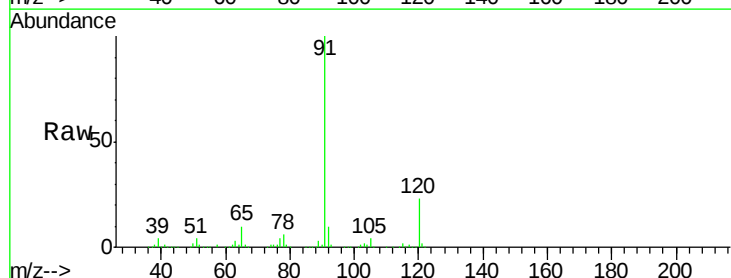
RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064872.D

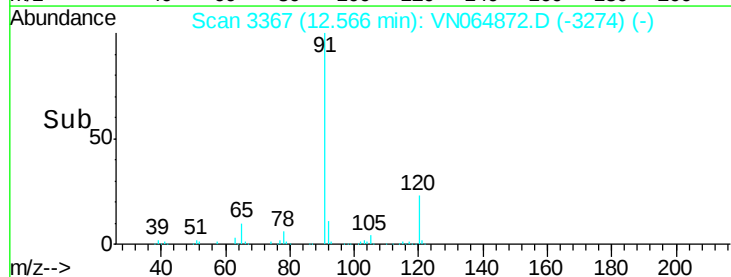
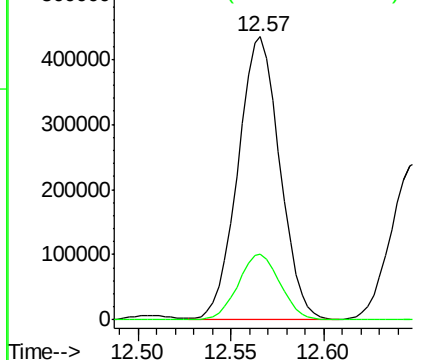
Acq: 30 Nov 2020 15:10

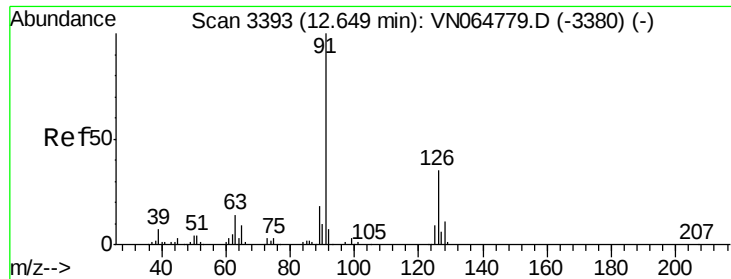
Tgt Ion:	91	Resp:	676265
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.772 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 396540

Ion Ratio Lower Upper

91 100

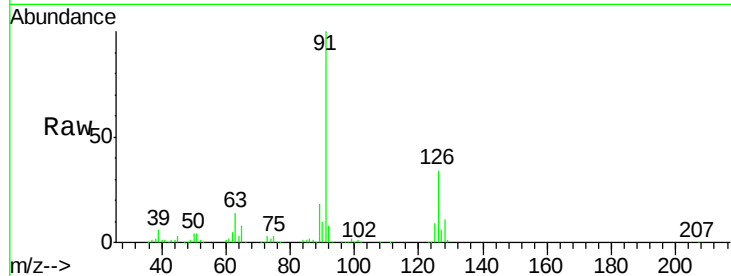
126 34.6 17.2 51.6

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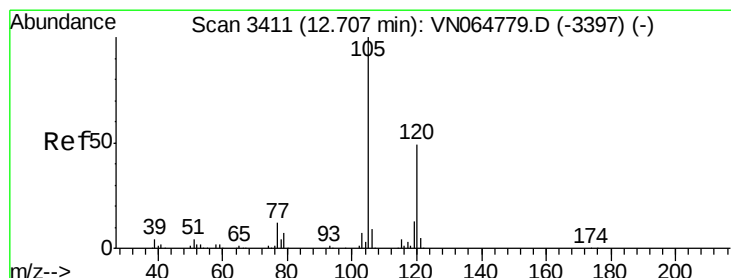
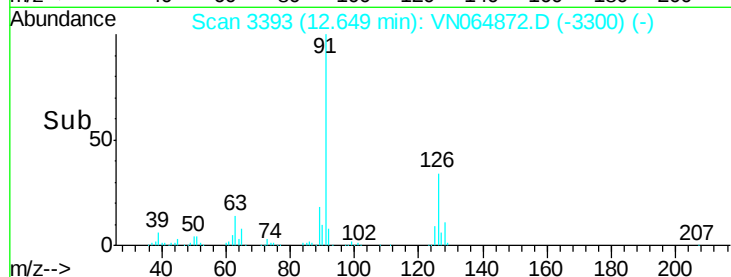
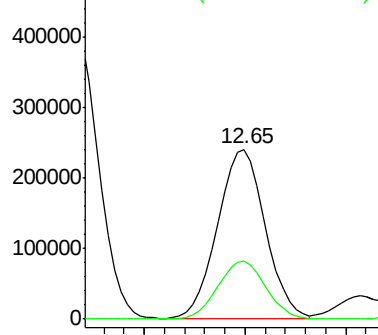
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Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.654 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064872.D

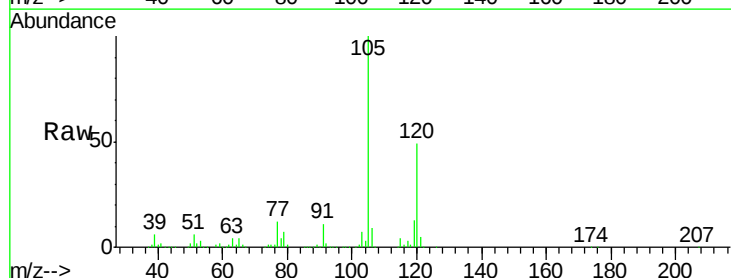
Acq: 30 Nov 2020 15:10

Tgt Ion: 105 Resp: 501232

Ion Ratio Lower Upper

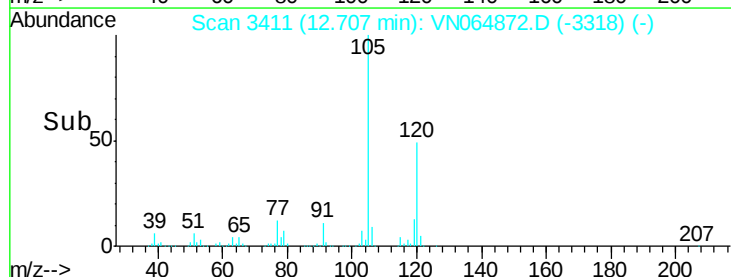
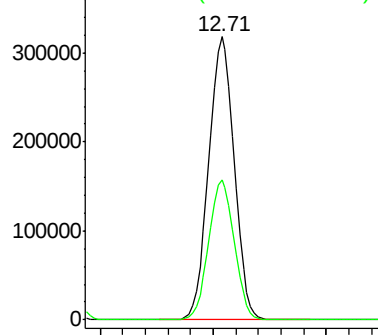
105 100

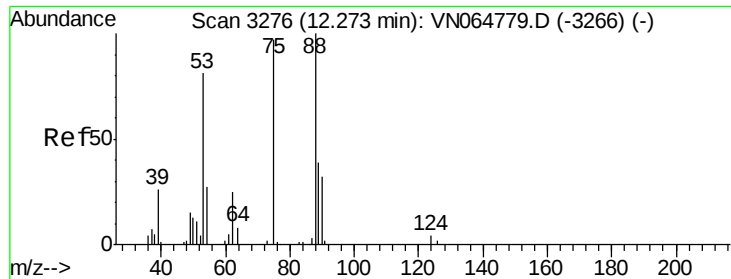
120 49.5 24.6 73.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 52.928 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 61472

Ion Ratio Lower Upper

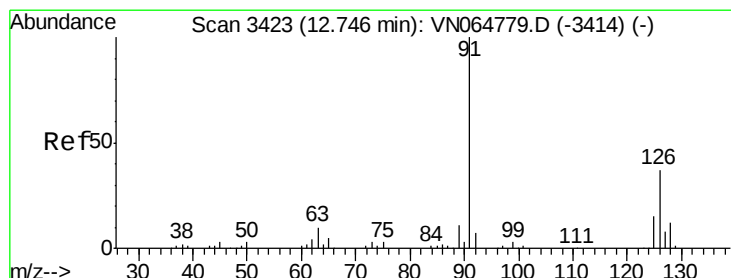
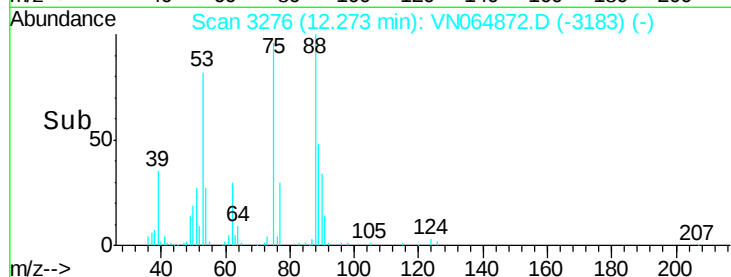
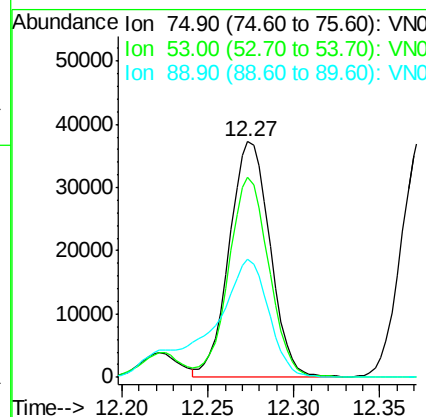
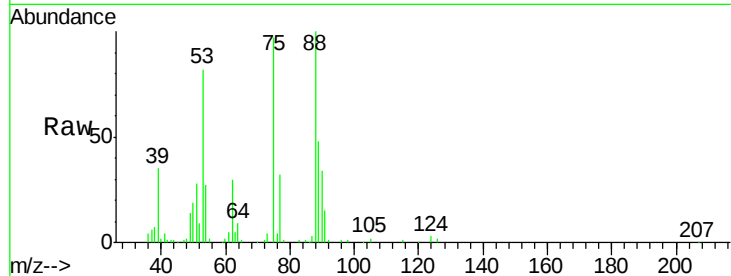
75 100

53 83.9 67.0 100.4

89 61.6 39.6 59.4#

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#82

4-Chlorotoluene

Concen: 55.356 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN064872.D

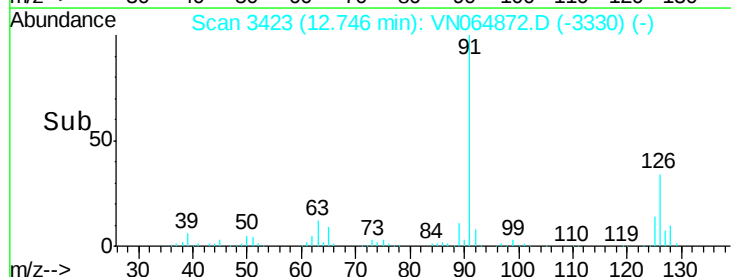
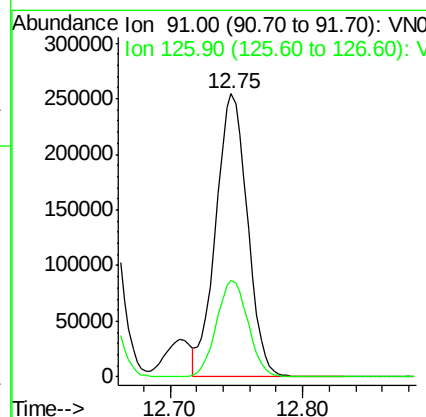
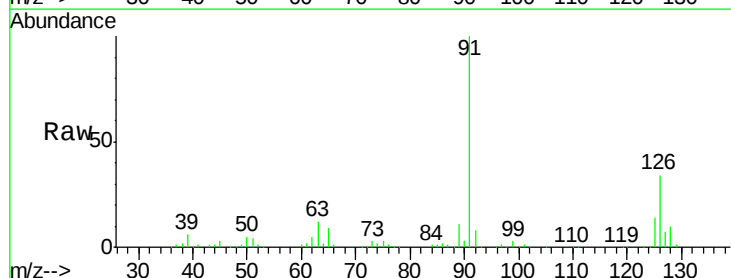
Acq: 30 Nov 2020 15:10

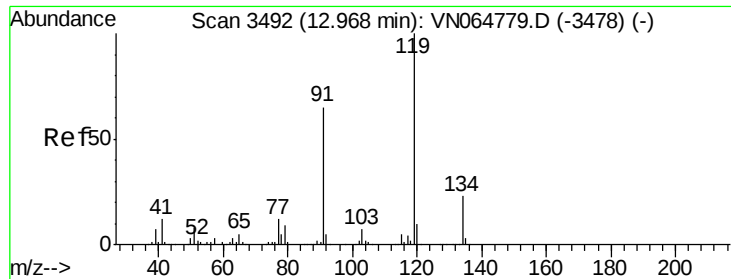
Tgt Ion: 91 Resp: 420078

Ion Ratio Lower Upper

91 100

126 34.1 16.9 50.7





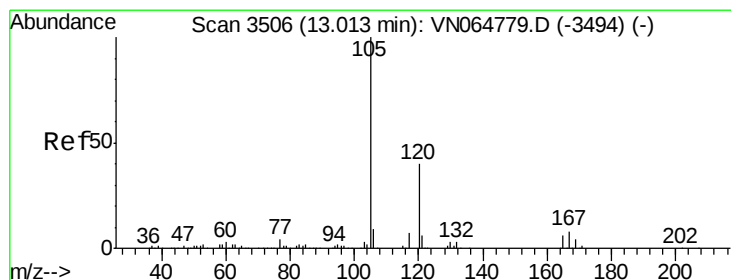
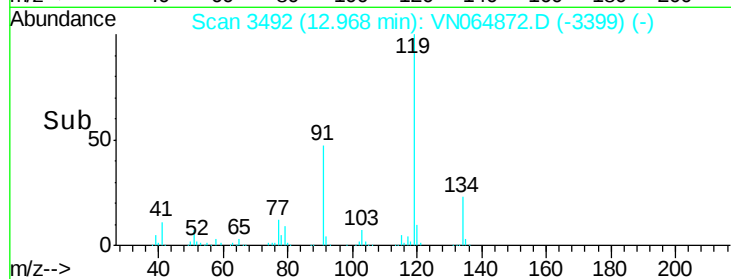
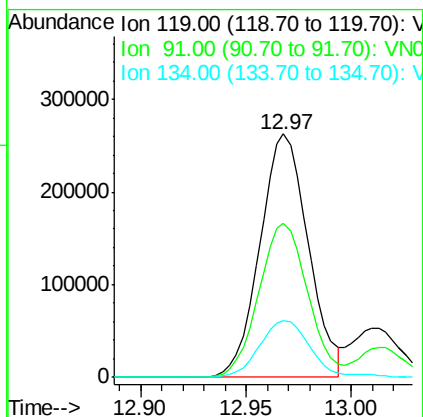
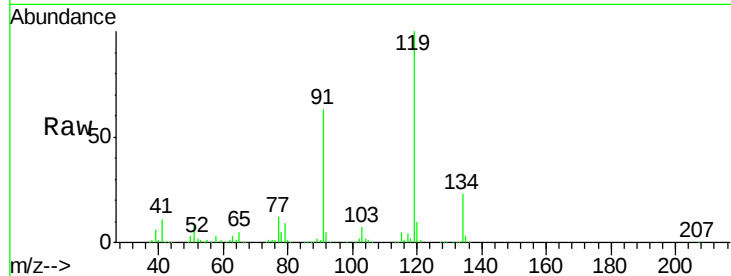
#83
 tert-Butylbenzene
 Concen: 58.395 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.5	32.3	96.8
134	24.8	12.6	37.6

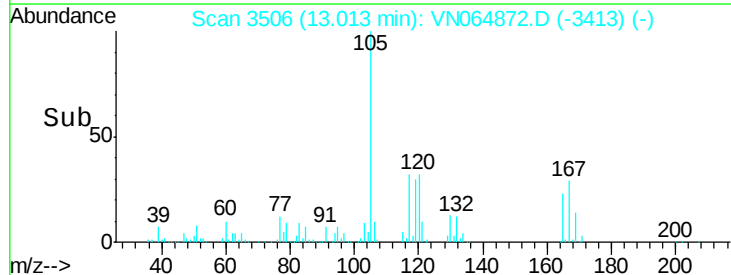
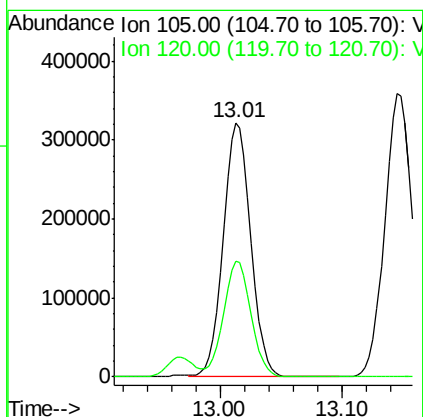
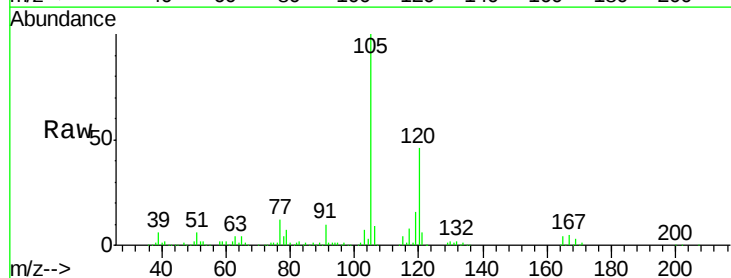
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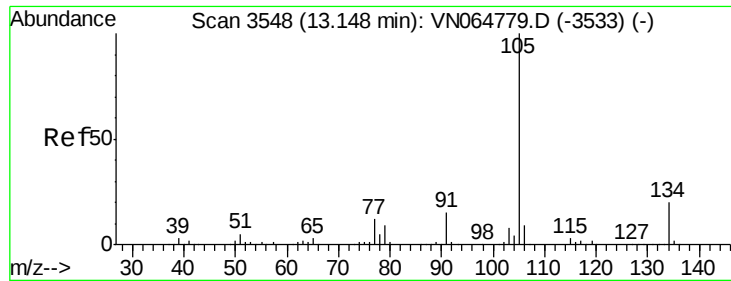
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#84
 1,2,4-Trimethylbenzene
 Concen: 58.979 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	23.1	69.2





#85

sec-Butylbenzene

Concen: 59.846 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 569154

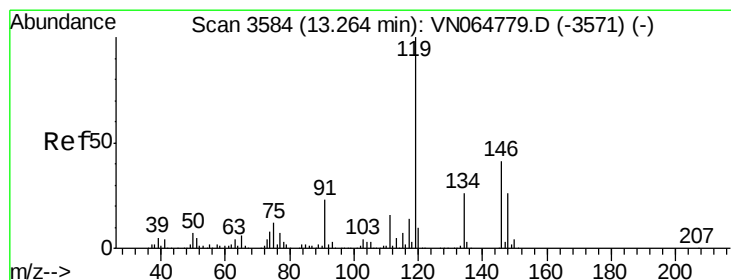
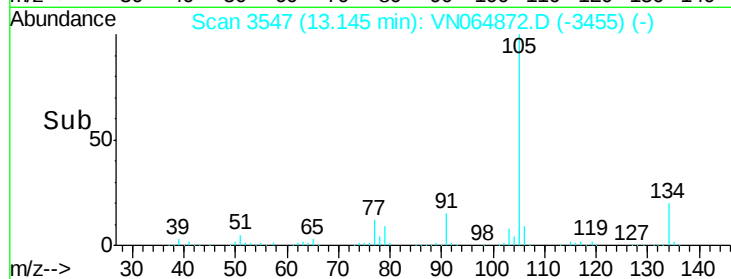
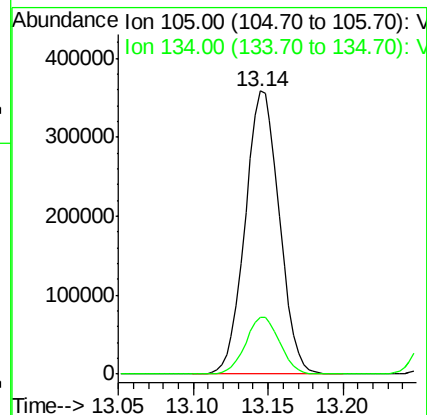
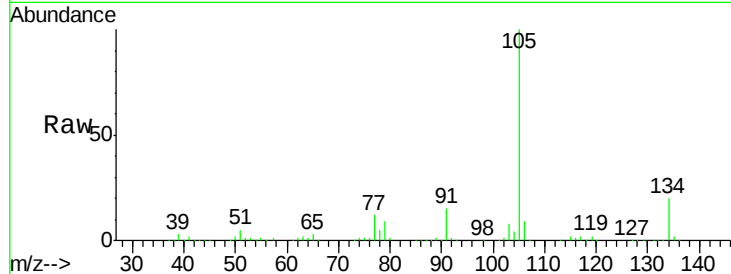
Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1

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#86

p-Isopropyltoluene

Concen: 61.486 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064872.D

Acq: 30 Nov 2020 15:10

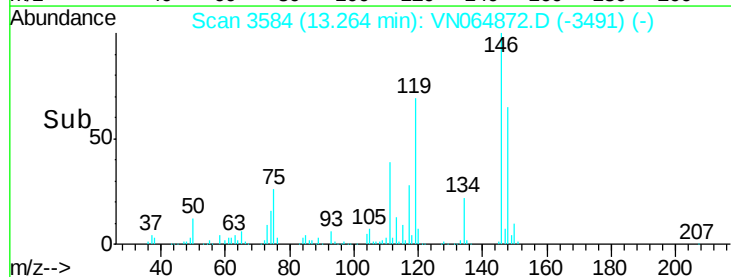
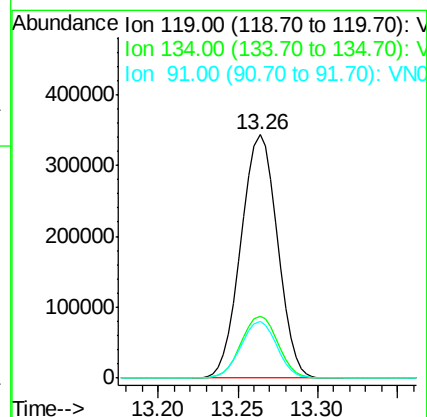
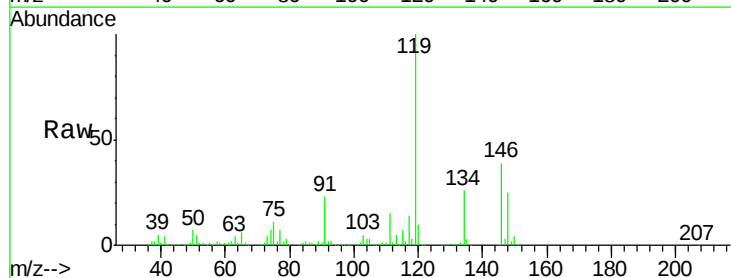
Tgt Ion:119 Resp: 532378

Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.1

91 23.0 11.5 34.5





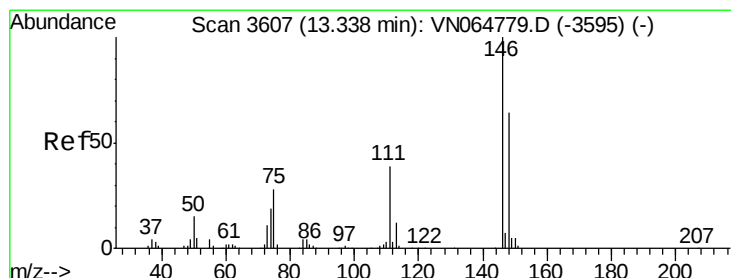
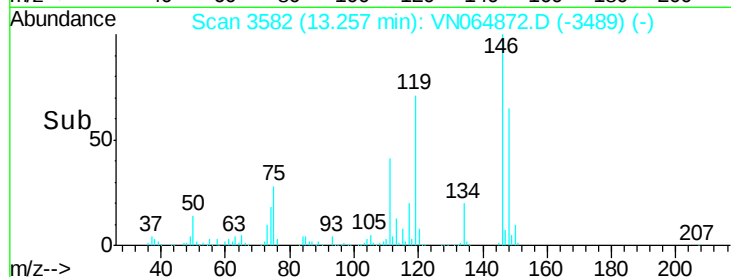
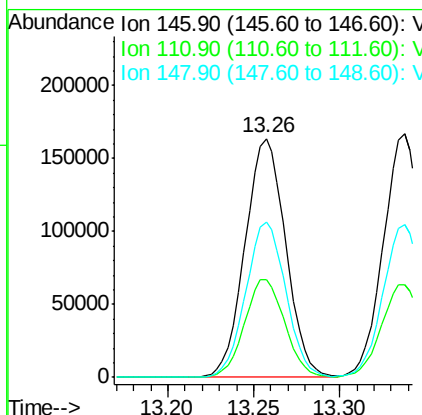
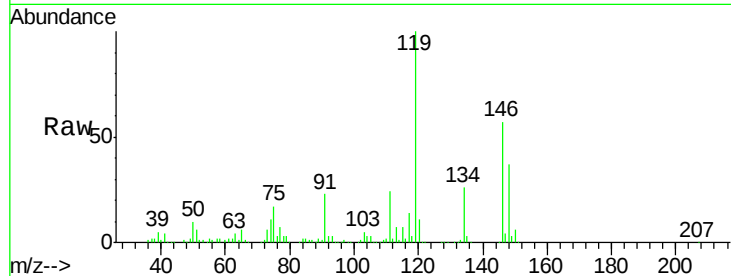
#87
 1,3-Dichlorobenzene
 Concen: 54.636 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	64.0	31.9	95.5

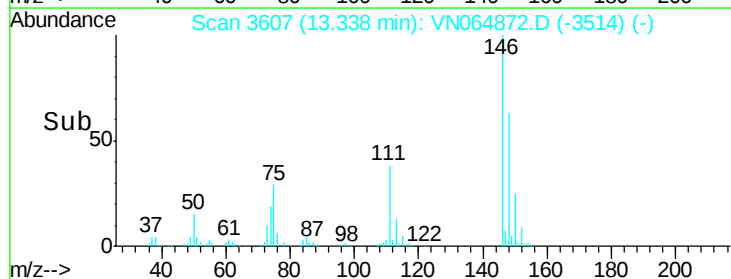
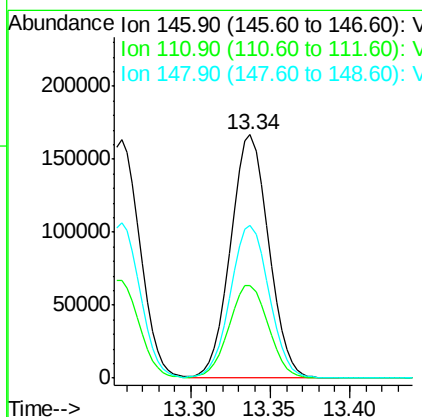
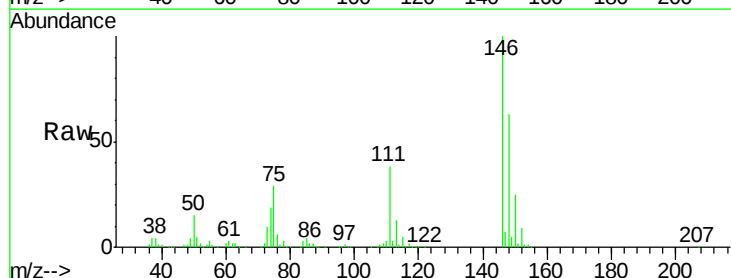
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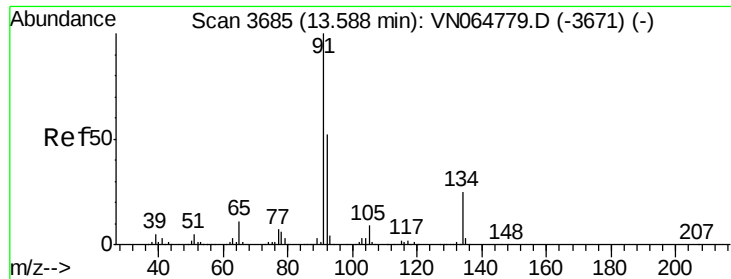
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#88
 1,4-Dichlorobenzene
 Concen: 51.696 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.8	59.3
148	63.9	31.9	95.5





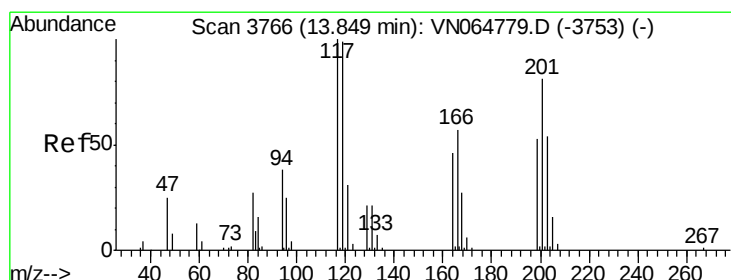
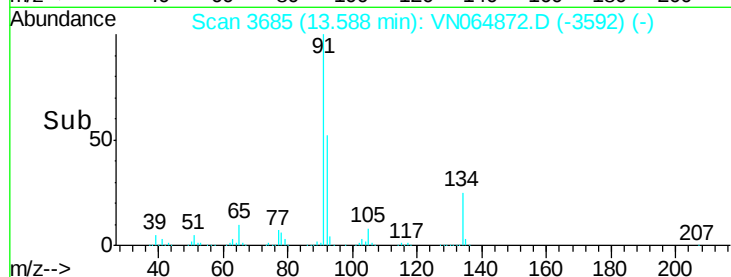
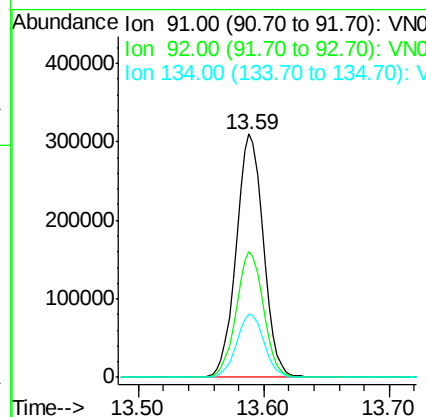
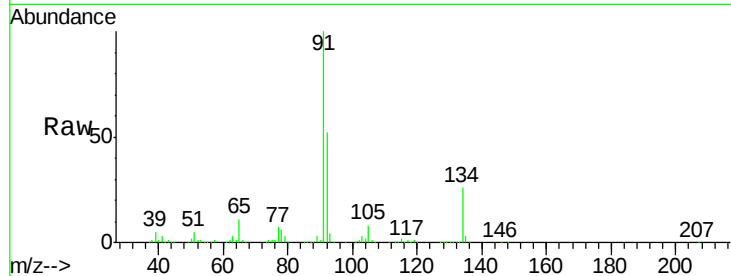
#89
n-Butylbenzene
Concen: 61.305 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		466155		
92	51.8	26.0		78.0	
134	26.2	12.9		38.6	

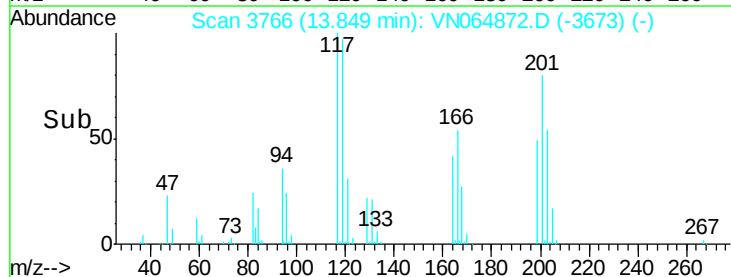
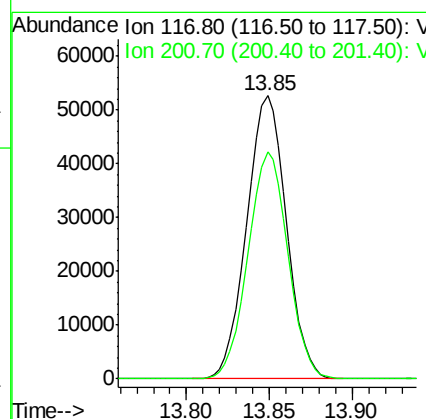
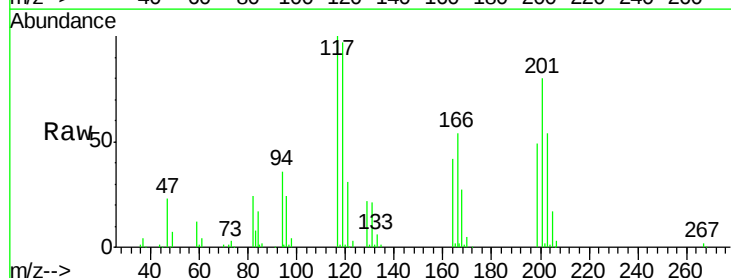
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#90
Hexachloroethane
Concen: 58.427 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		87884		
201	80.4	40.1		120.3	





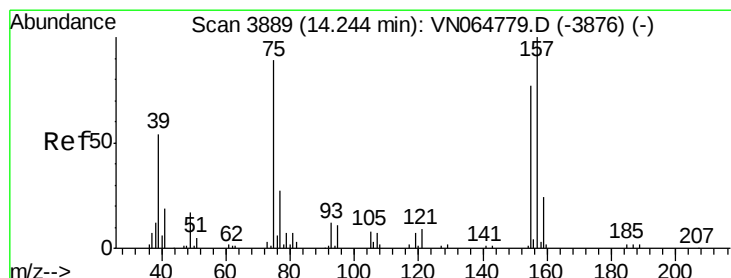
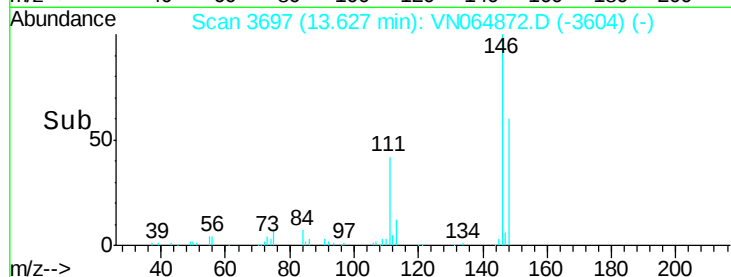
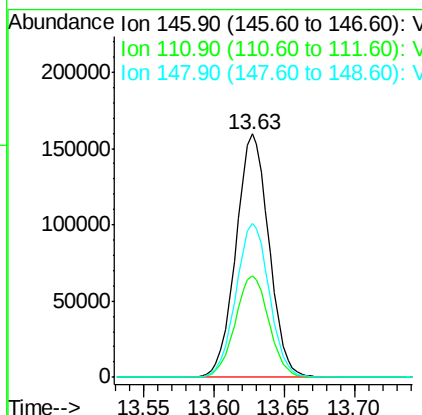
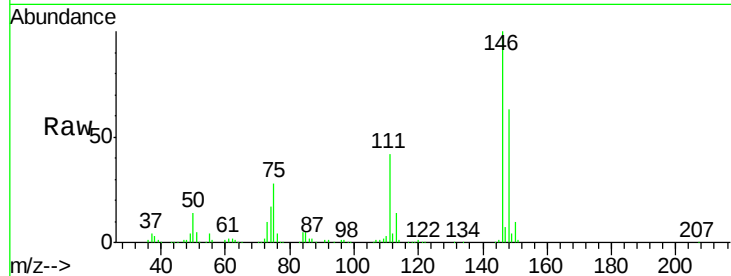
#91
 1,2-Dichlorobenzene
 Concen: 54.139 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.1
148	63.9	32.0	96.2

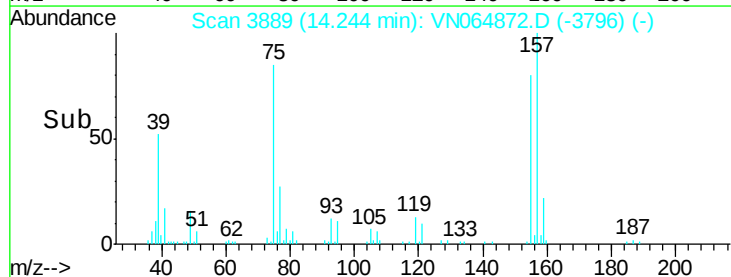
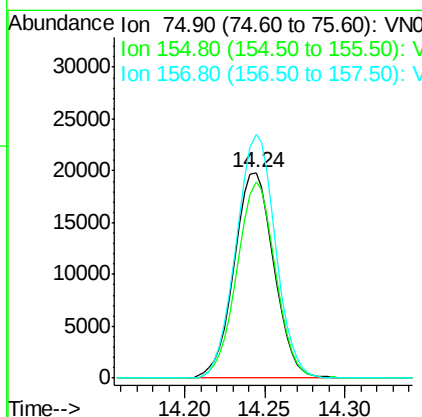
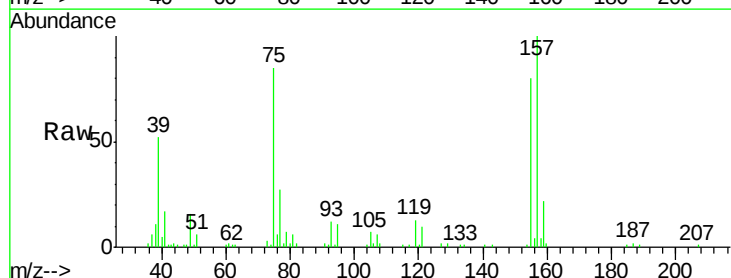
Manual Integrations
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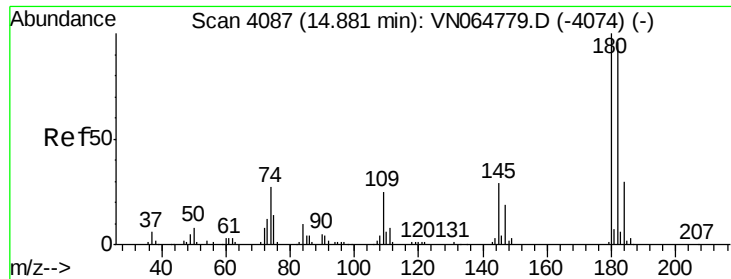
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.523 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	42.8	128.3
157	116.5	56.4	169.1





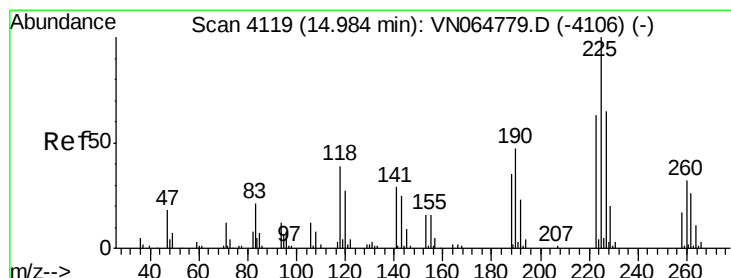
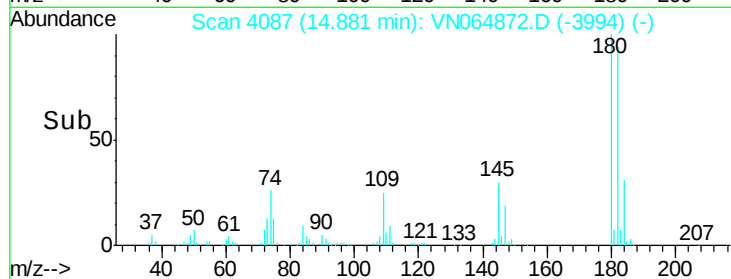
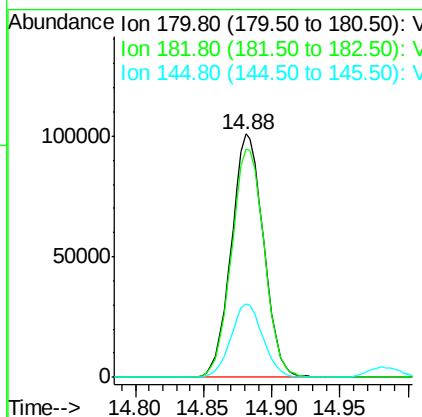
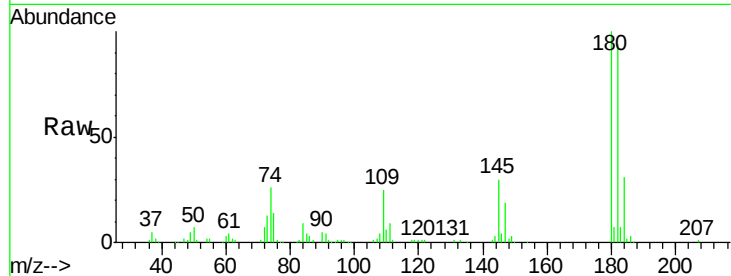
#93
 1,2,4-Trichlorobenzene
 Concen: 55.254 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	165275		
182	95.5	47.6	142.9	
145	29.9	15.3	45.8	

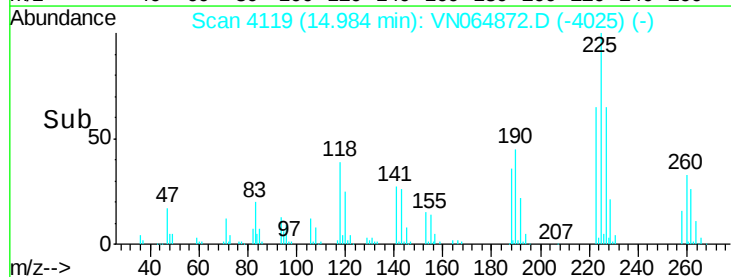
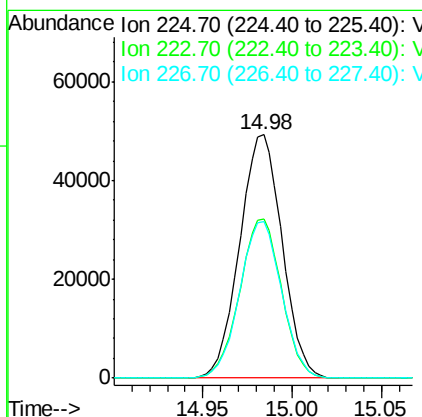
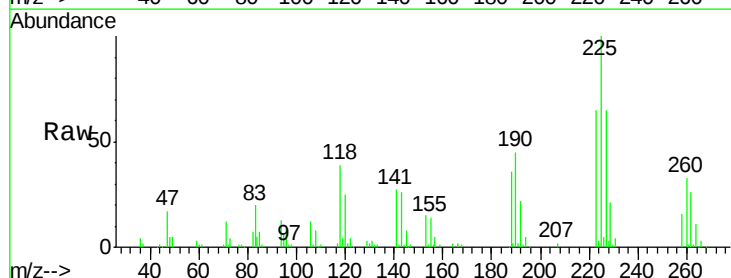
Manual Integrations
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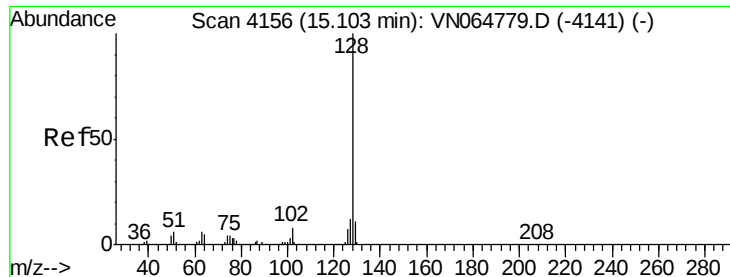
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#94
 Hexachlorobutadiene
 Concen: 60.804 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064872.D
 Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	82010		
223	64.4	31.0	93.0	
227	63.6	32.0	96.0	





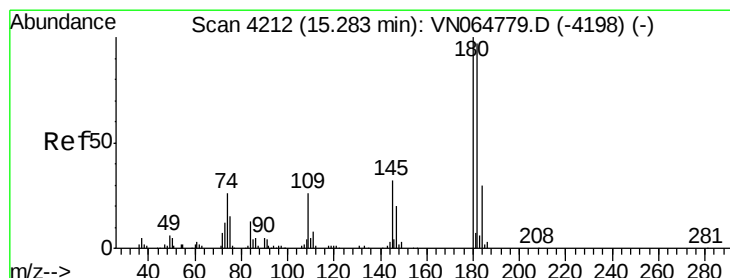
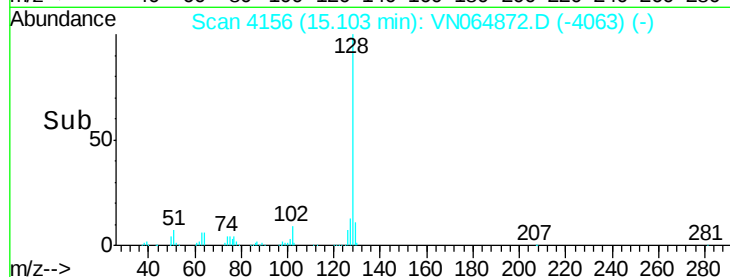
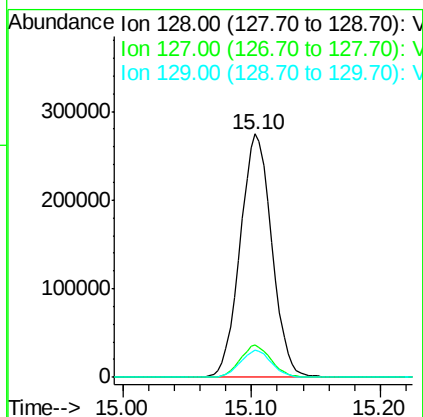
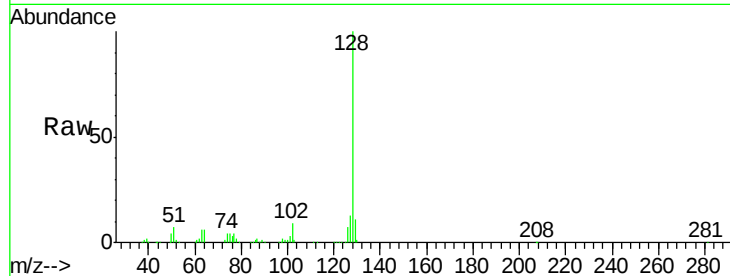
#95
Naphthalene
Concen: 52.267 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.9	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.344 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064872.D
Acq: 30 Nov 2020 15:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.1	144.4
145	32.1	16.4	49.1

