

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102920\
 Data File : VN064387.D
 Acq On : 29 Oct 2020 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/30/2020 1:35:44 PM

Quant Time: Oct 30 08:12:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 12:23:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	267567	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	451406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	418647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	196854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	196547	45.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.42%	
35) Dibromofluoromethane	7.55	113	137836	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	10.06	98	493613	44.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.66%	
62) 4-Bromofluorobenzene	12.37	95	192840	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	140915	45.816	ug/l	99
3) Chloromethane	2.04	50	148906	44.787	ug/l	100
4) Vinyl Chloride	2.16	62	150283	46.731	ug/l	97
5) Bromomethane	2.52	94	82540	39.721	ug/l	91
6) Chloroethane	2.67	64	91551	47.642	ug/l	95
7) Trichlorofluoromethane	2.98	101	254828	47.300	ug/l	98
8) Diethyl Ether	3.38	74	82952	48.672	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	122845	45.367	ug/l	99
10) Methyl Iodide	3.91	142	150641	41.689	ug/l	100
11) Tert butyl alcohol	4.73	59	125862	201.644	ug/l	100
12) 1,1-Dichloroethene	3.70	96	121519	47.537	ug/l	99
13) Acrolein	3.57	56	37646	275.954	ug/l	92
14) Allyl chloride	4.27	41	236694	45.347	ug/l	99
15) Acrylonitrile	4.93	53	325732	242.670	ug/l	99
16) Acetone	3.77	43	309184	209.734	ug/l	98
17) Carbon Disulfide	4.01	76	325399	43.024	ug/l	99
18) Methyl Acetate	4.28	43	155542	48.156	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	481787	49.053	ug/l	99
20) Methylene Chloride	4.50	84	144675	47.444	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	132491	46.461	ug/l	89
22) Diisopropyl ether	5.90	45	491781	48.203	ug/l	98
23) Vinyl Acetate	5.84	43	2153834	249.533	ug/l	99
24) 1,1-Dichloroethane	5.80	63	268136	46.968	ug/l	99
25) 2-Butanone	6.78	43	484367	224.356	ug/l	97
26) 2,2-Dichloropropane	6.78	77	232221	41.562	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	155541	47.660	ug/l	99
28) Bromochloromethane	7.15	49	127525	46.884	ug/l	99
29) Tetrahydrofuran	7.16	42	323303	230.674	ug/l	99
30) Chloroform	7.33	83	285622	46.872	ug/l	100
31) Cyclohexane	7.61	56	209993	42.080	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	270570	46.239	ug/l	99
36) 1,1-Dichloropropene	7.75	75	201783	44.292	ug/l	98
37) Ethyl Acetate	6.88	43	201387	43.763	ug/l	98
38) Carbon Tetrachloride	7.73	117	242933	45.996	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	178904	39.605	ug/l	94
40) Benzene	8.00	78	572187	45.122	ug/l	100
41) Methacrylonitrile	7.12	41	98424	43.087	ug/l	97
42) 1,2-Dichloroethane	8.08	62	253191	46.221	ug/l	99
43) Isopropyl Acetate	8.13	43	376072	47.808	ug/l #	90
44) Trichloroethene	8.80	130	156885	47.227	ug/l	99
45) 1,2-Dichloropropane	9.08	63	154963	45.634	ug/l	96
46) Dibromomethane	9.17	93	111379	46.884	ug/l	98
47) Bromodichloromethane	9.37	83	236563	44.933	ug/l	96
48) Methyl methacrylate	9.16	41	191516	47.189	ug/l	97
49) 1,4-Dioxane	9.16	88	45342	757.975	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1064852	232.879	ug/l	100
52) Toluene	10.12	92	367861	45.971	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	260243	46.750	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	264465	46.152	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	146540	46.393	ug/l	98
56) Ethyl methacrylate	10.40	69	231895	48.499	ug/l	98
57) 1,3-Dichloropropane	10.68	76	254978	47.322	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	554452	212.500	ug/l	100
59) 2-Hexanone	10.72	43	768537	228.209	ug/l	99
60) Dibromochloromethane	10.87	129	178303	47.743	ug/l	97
61) 1,2-Dibromoethane	10.97	107	157378	48.899	ug/l	98
64) Tetrachloroethene	10.60	164	142628	41.451	ug/l	98
65) Chlorobenzene	11.41	112	398257	46.923	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	157335	45.864	ug/l	99
67) Ethyl Benzene	11.48	91	726926	46.068	ug/l	97
68) m/p-Xylenes	11.59	106	531264	90.851	ug/l	99
69) o-Xylene	11.92	106	259670	46.092	ug/l	97
70) Styrene	11.94	104	438516	47.474	ug/l	99
71) Bromoform	12.10	173	125097	46.463	ug/l #	97
73) Isopropylbenzene	12.22	105	671834	45.567	ug/l	98
74) N-amyl acetate	12.04	43	328370	50.599	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	207169	48.340	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	197661m	41.930	ug/l	
77) Bromobenzene	12.50	156	170106	47.116	ug/l	98
78) n-propylbenzene	12.56	91	738376	44.235	ug/l	99
79) 2-Chlorotoluene	12.65	91	483784	45.339	ug/l	99
80) 1,3,5-Trimethylbenzene	12.70	105	551650	44.219	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	73448	44.880	ug/l	96
82) 4-Chlorotoluene	12.75	91	497891	45.804	ug/l	99
83) tert-Butylbenzene	12.97	119	439667	42.948	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	568123	45.575	ug/l	99
85) sec-Butylbenzene	13.14	105	571116	43.111	ug/l	98
86) p-Isopropyltoluene	13.26	119	520758	43.634	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	284152	44.958	ug/l	98
88) 1,4-Dichlorobenzene	13.33	146	291438	45.273	ug/l	99
89) n-Butylbenzene	13.59	91	429248	40.826	ug/l	100
90) Hexachloroethane	13.85	117	94446	42.137	ug/l	99
91) 1,2-Dichlorobenzene	13.62	146	287096	45.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	49912	46.936	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	144404	40.390	ug/l	97
94) Hexachlorobutadiene	14.98	225	75006	38.897	ug/l	98
95) Naphthalene	15.10	128	454271	41.260	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	140652	40.824	ug/l	97

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

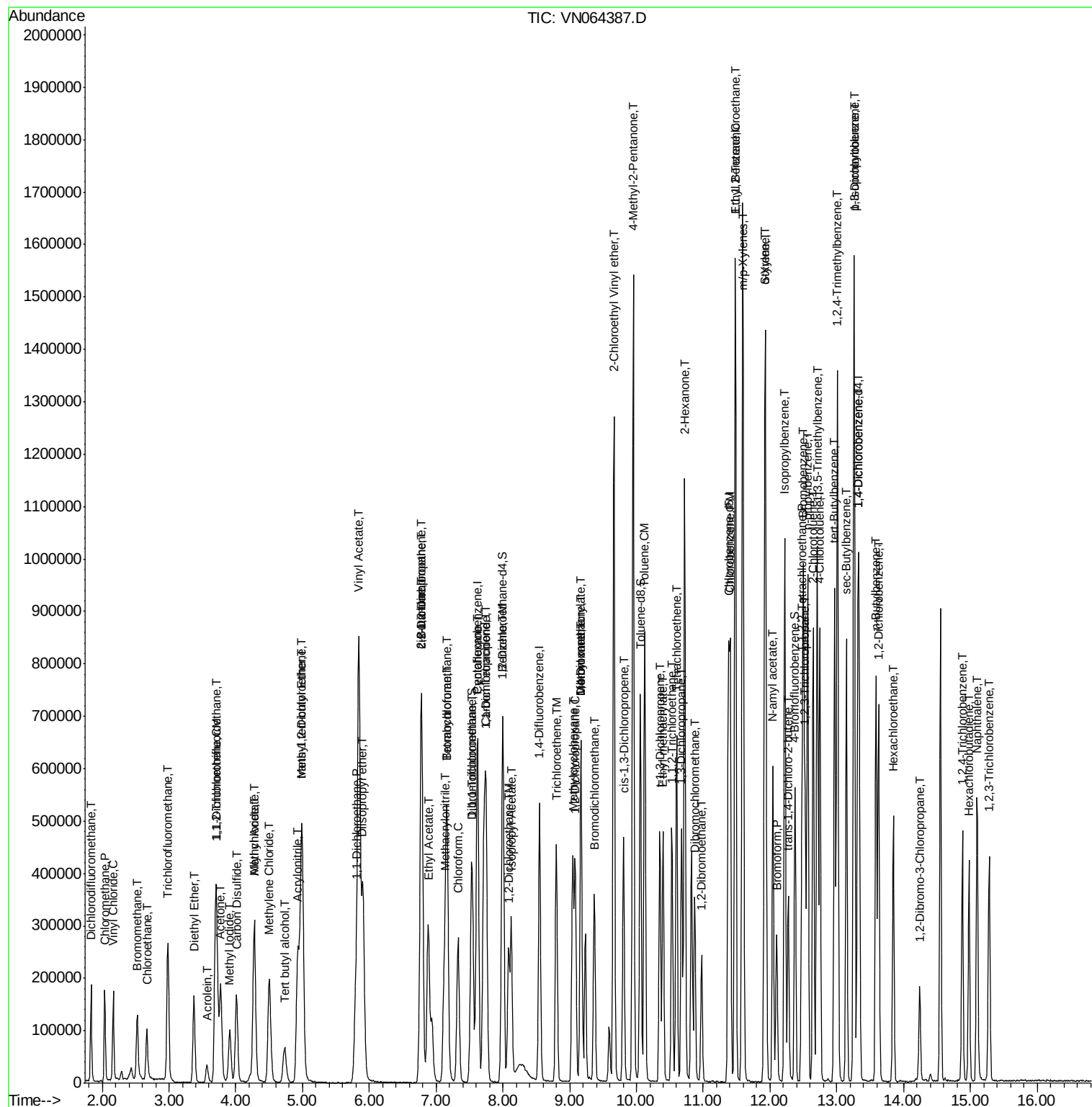
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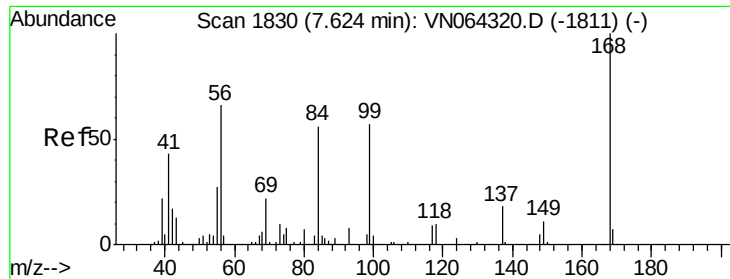
Instrument :
MSVOA_N
Client Sample ID :
VSTDCCC050EC

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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: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 267567

Ion Ratio Lower Upper

168 100

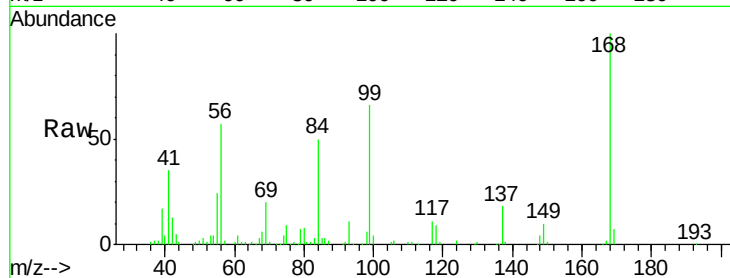
99 65.8 52.7 79.1

Manual Integrations

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10/30/2020 1:35:44 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

120000

100000

80000

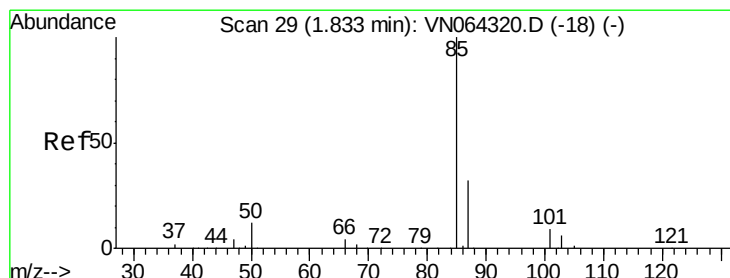
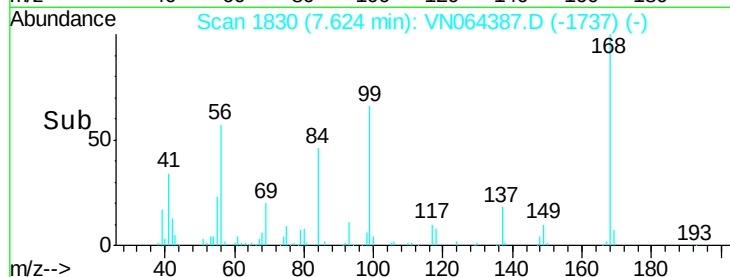
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.816 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064387.D

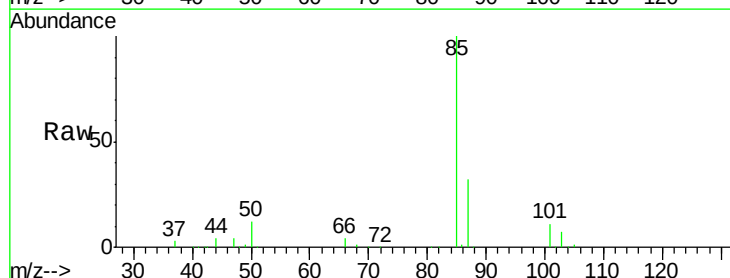
Acq: 29 Oct 2020 20:30

Tgt Ion: 85 Resp: 140915

Ion Ratio Lower Upper

85 100

87 32.2 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

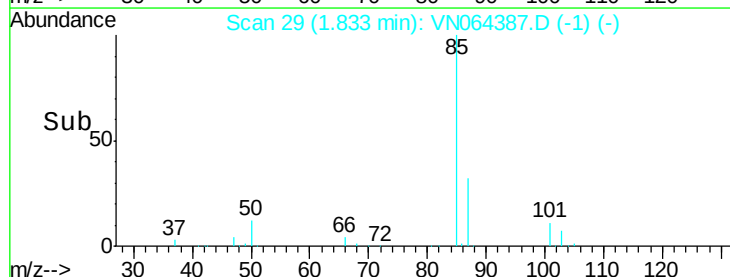
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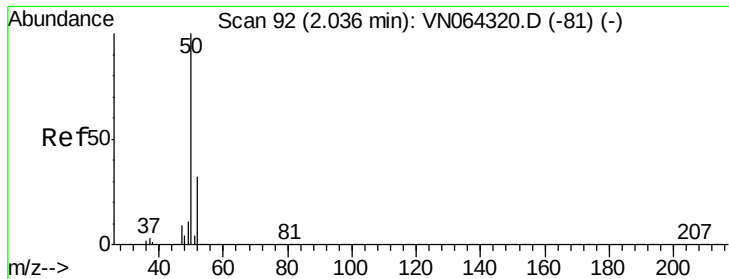
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 44.787 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 148906

Ion Ratio Lower Upper

50 100

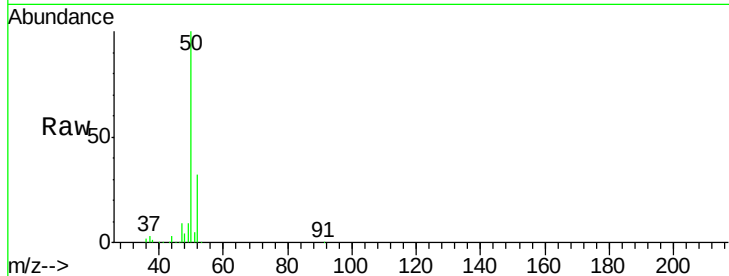
52 32.1 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.04

120000

100000

80000

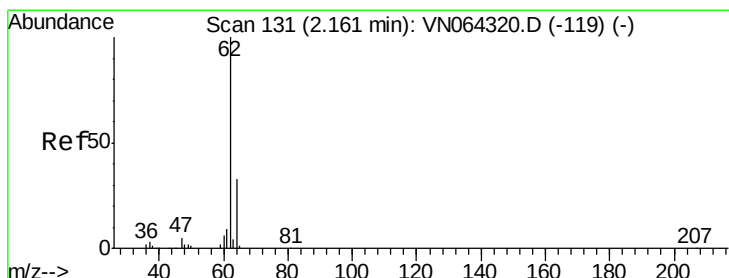
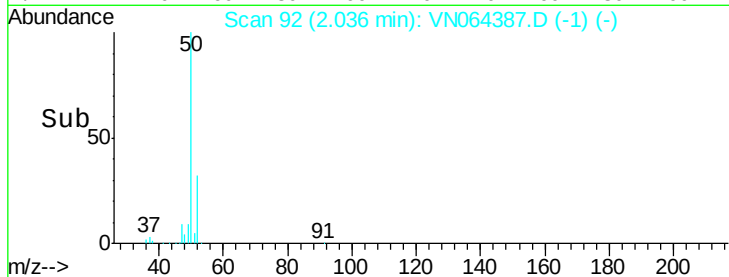
60000

40000

20000

0

Time--> 1.95 2.00 2.05 2.10



#4

Vinyl Chloride

Concen: 46.731 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064387.D

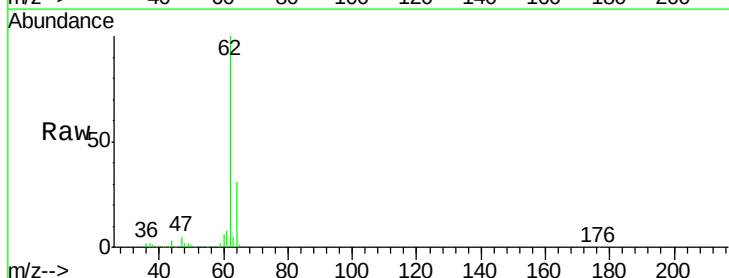
Acq: 29 Oct 2020 20:30

Tgt Ion: 62 Resp: 150283

Ion Ratio Lower Upper

62 100

64 31.0 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0

2.16

120000

100000

80000

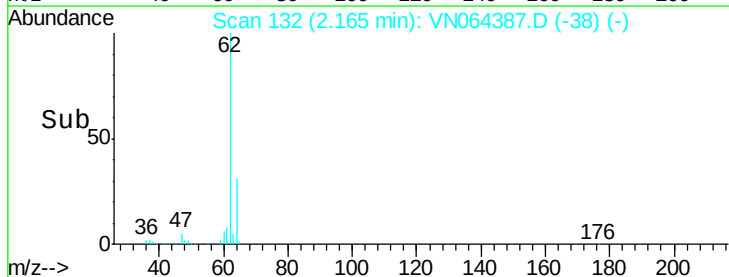
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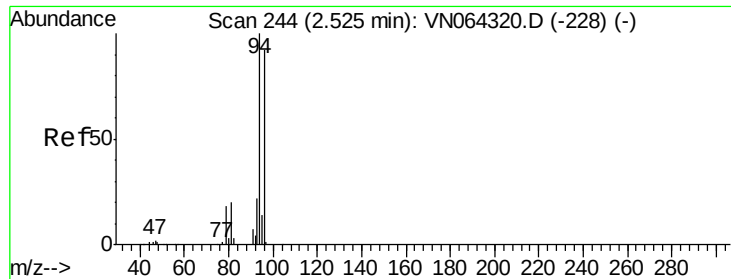
40000

20000

0

Time--> 2.10 2.15 2.20 2.25





#5

Bromomethane

Concen: 39.721 ug/l

RT: 2.52 min Scan# 244

Delta R.T. 0.00 min

Lab File: VN064387.D

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Instrument :

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ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 82540

Ion Ratio Lower Upper

94 100

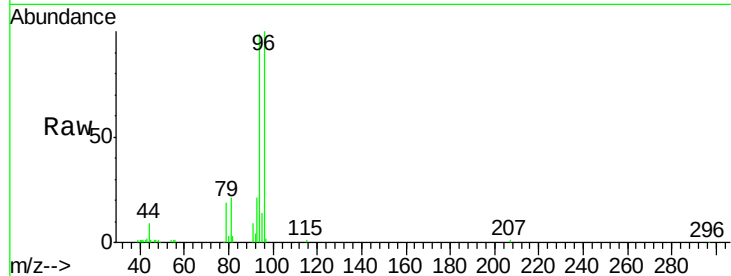
96 100.3 73.6 110.4

Manual Integrations

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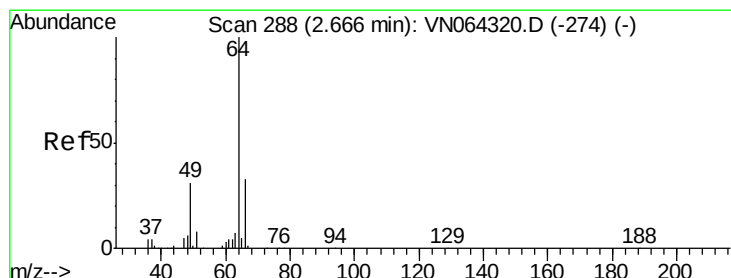
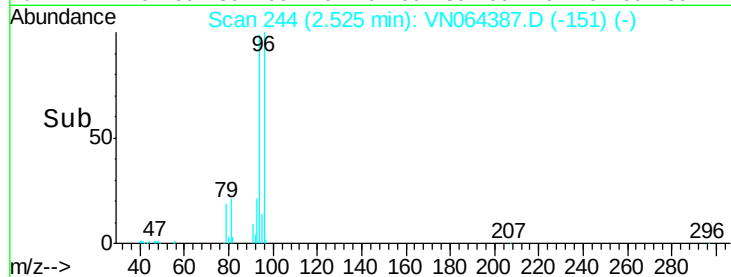
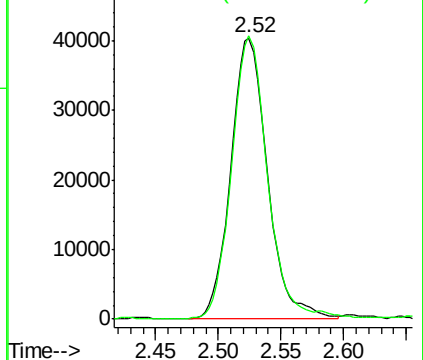
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10/30/2020 1:35:44 PM



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 47.642 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064387.D

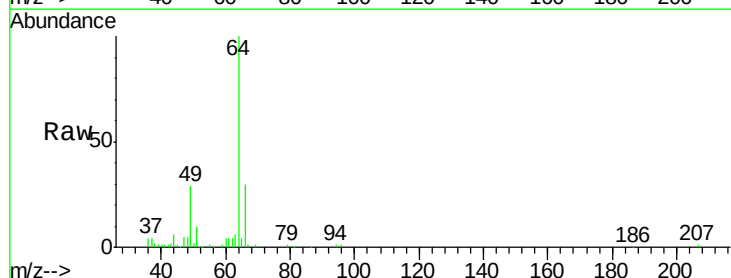
Acq: 29 Oct 2020 20:30

Tgt Ion: 64 Resp: 91551

Ion Ratio Lower Upper

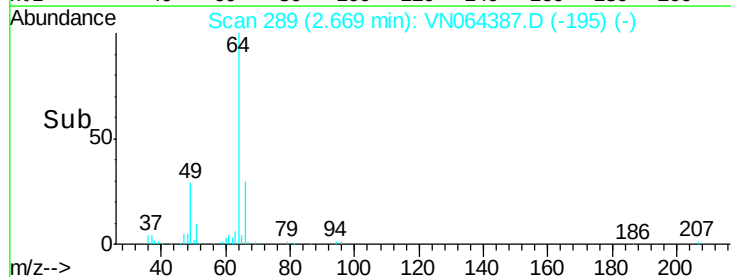
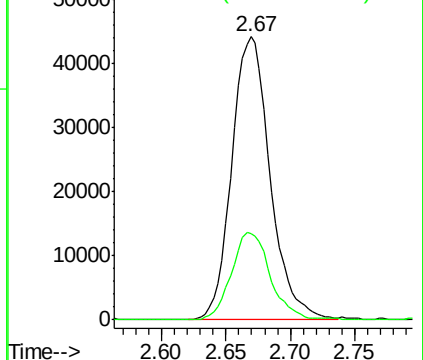
64 100

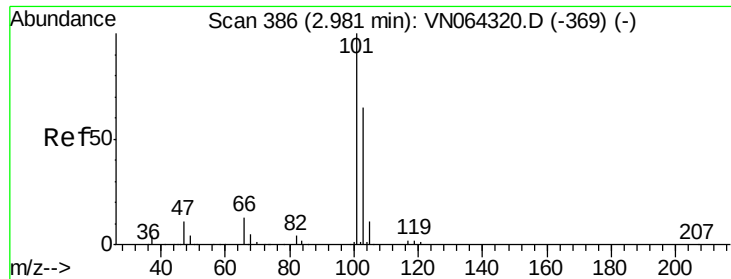
66 30.3 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

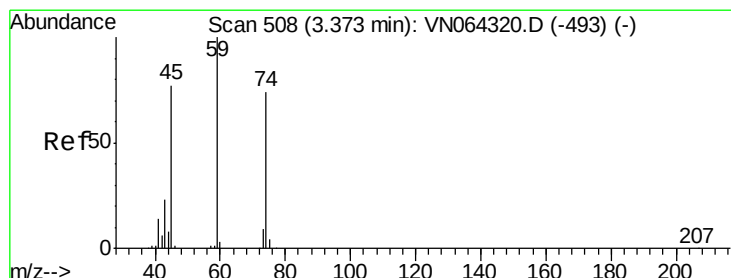
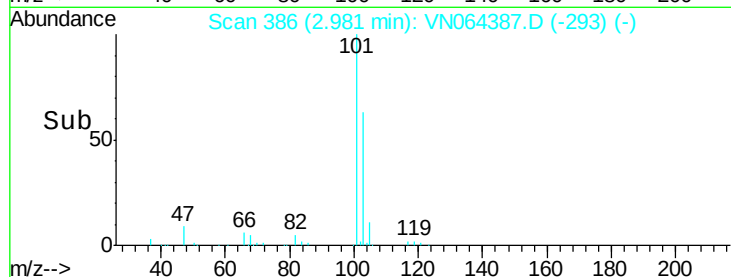
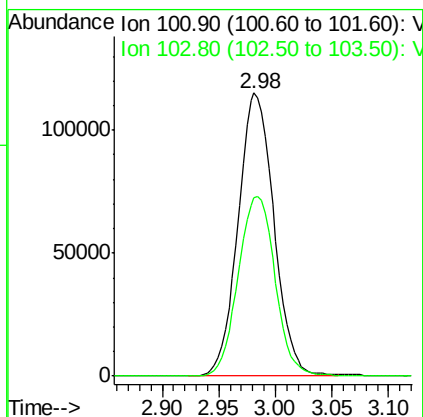
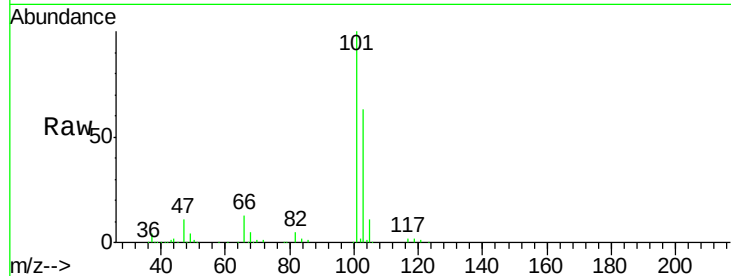
Trichlorofluoromethane
 Concen: 47.300 ug/l
 RT: 2.98 min Scan# 386
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.9	51.7	77.5

Manual Integrations
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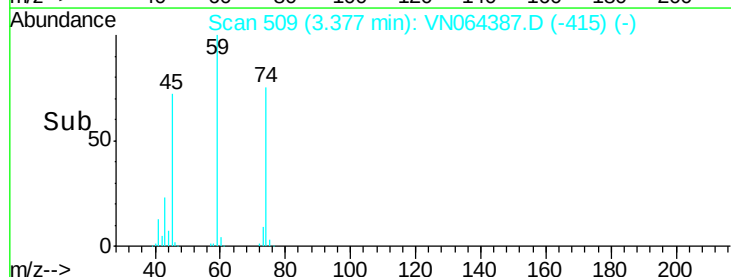
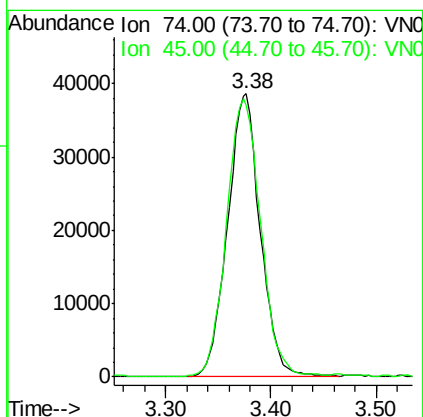
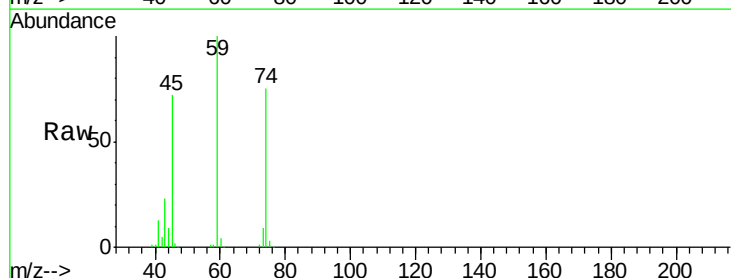
MMDadoda
 10/30/2020 1:35:44 PM

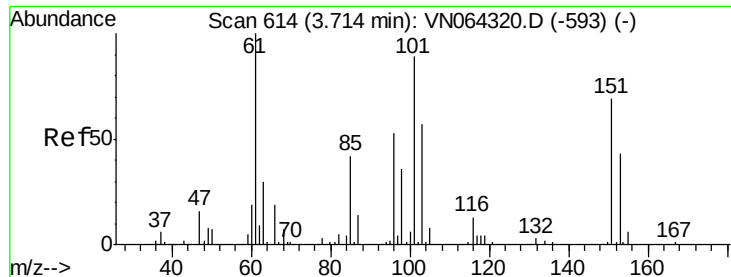


#8

Diethyl Ether
 Concen: 48.672 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064387.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.6	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.367 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064387.D

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MSVOA_N

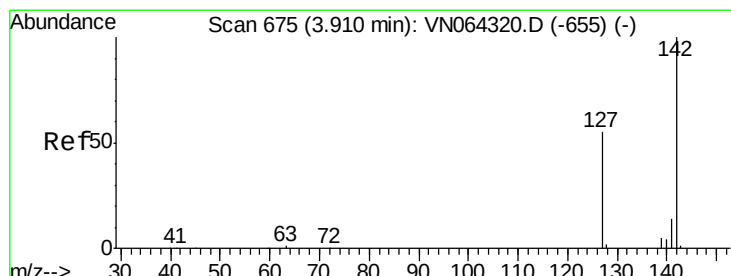
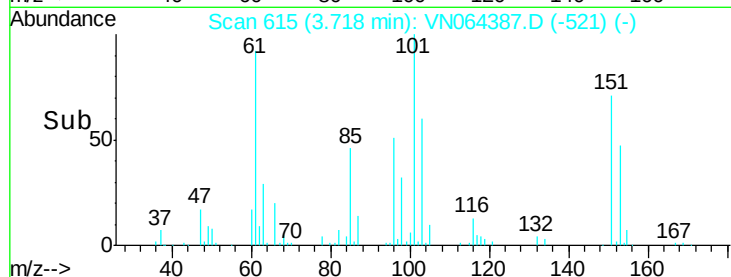
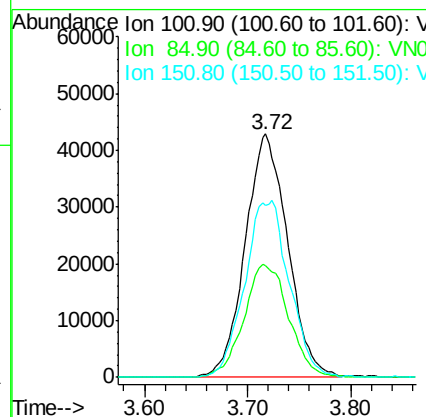
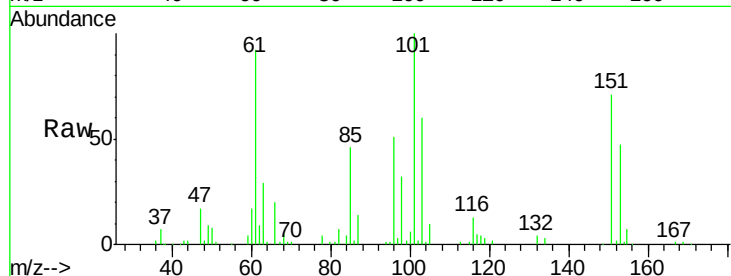
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	122845
Ion Ratio	Lower	Upper	
101	100		
85	48.8	38.4	57.6
151	76.2	62.0	93.0

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#10

Methyl Iodide

Concen: 41.689 ug/l

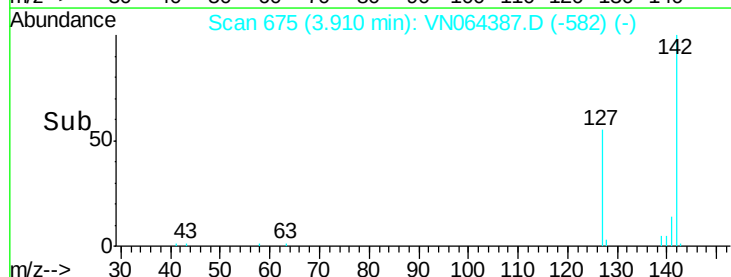
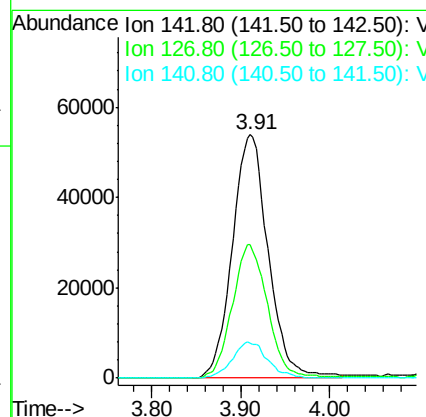
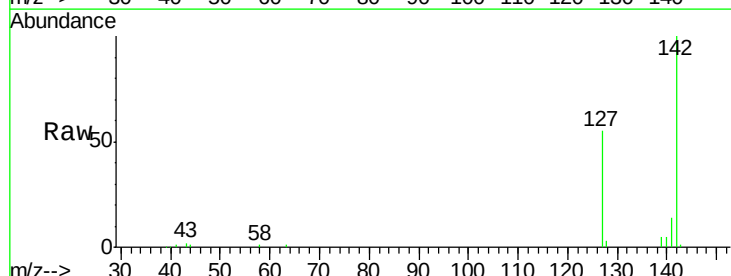
RT: 3.91 min Scan# 675

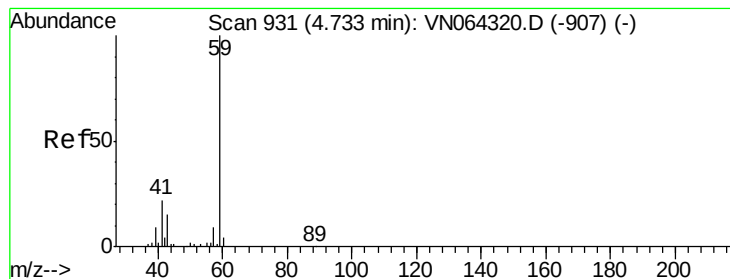
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	142	Resp:	150641
Ion Ratio	Lower	Upper	
142	100		
127	53.8	43.3	64.9
141	14.6	11.5	17.3





#11

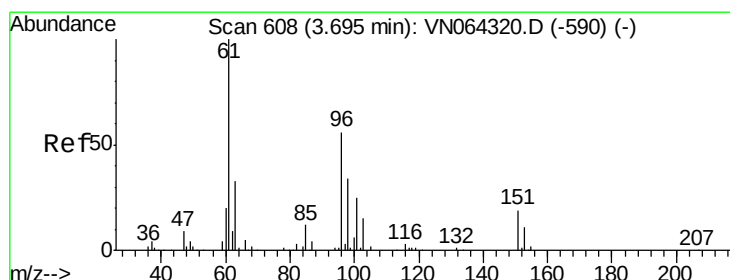
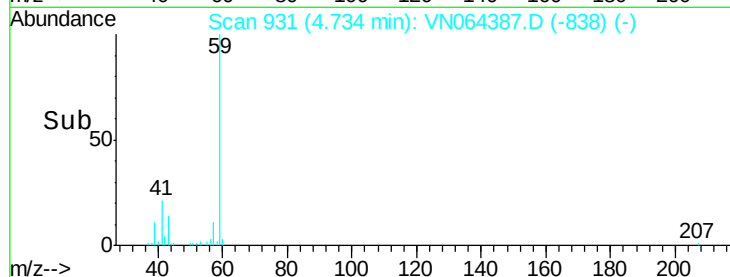
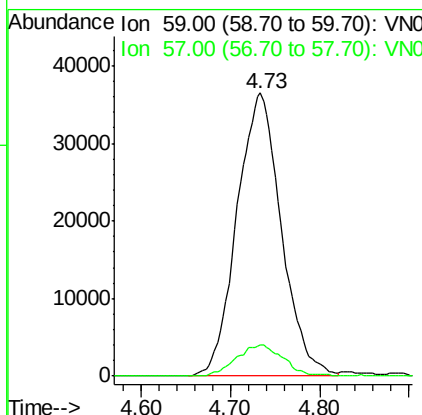
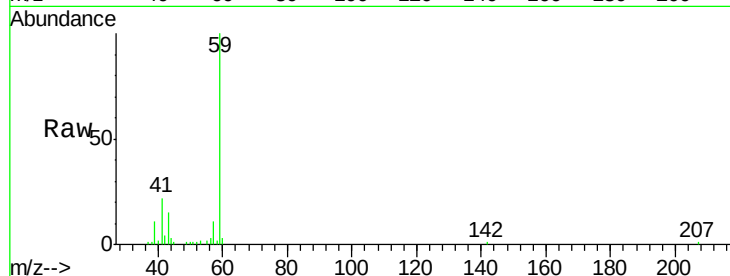
Tert butyl alcohol
Concen: 201.644 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	11.7	9.4	14.0

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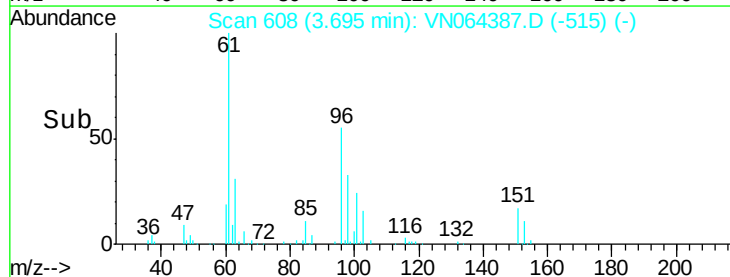
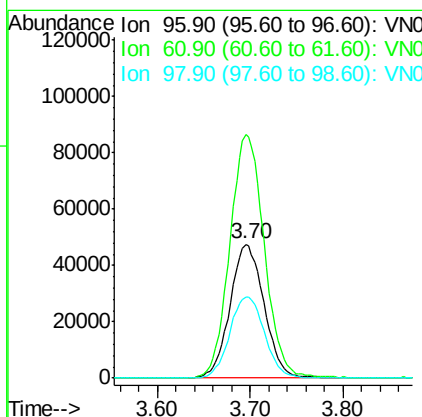
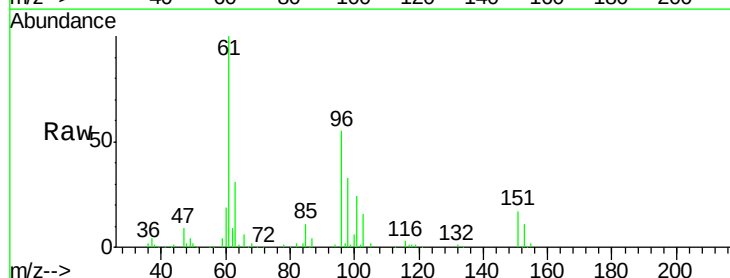
MMDadoda
10/30/2020 1:35:44 PM

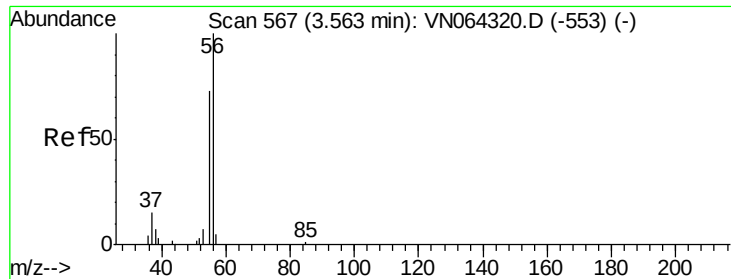


#12

1,1-Dichloroethene
Concen: 47.537 ug/l
RT: 3.70 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
96	100		
61	181.5	143.6	215.4
98	60.4	48.6	73.0





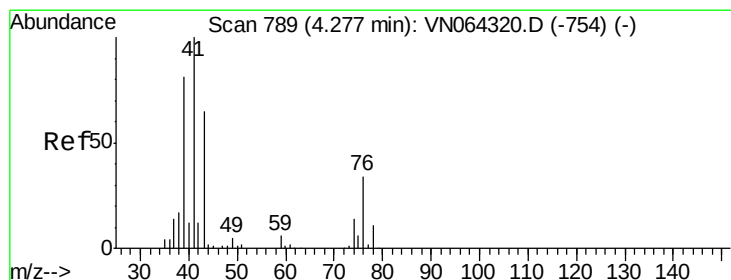
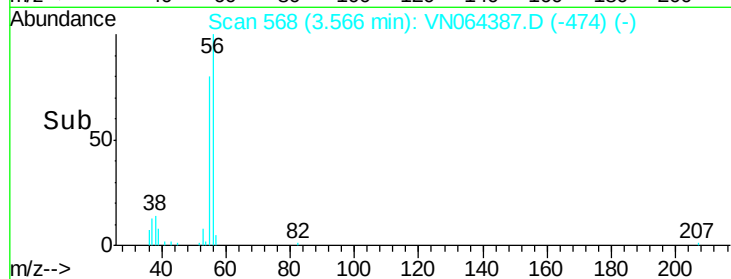
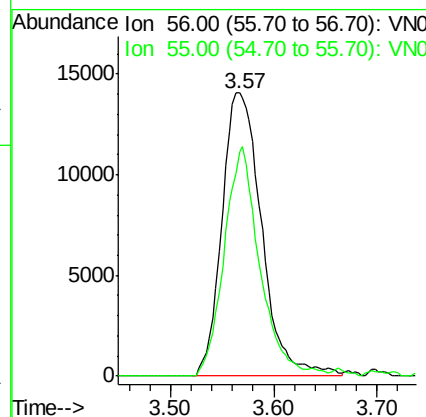
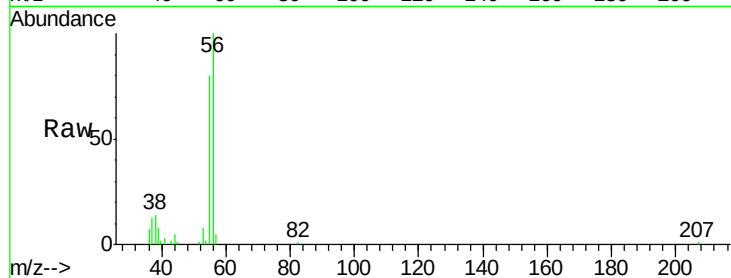
#13
Acrolein
Concen: 275.954 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.7	62.6	94.0

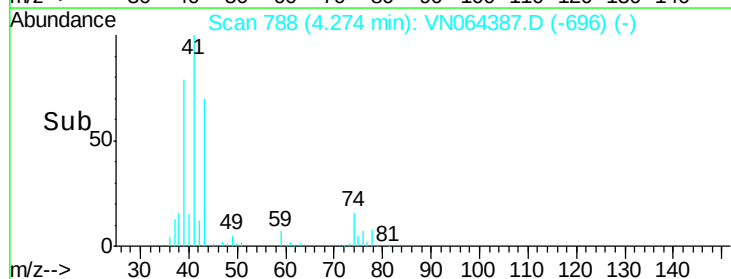
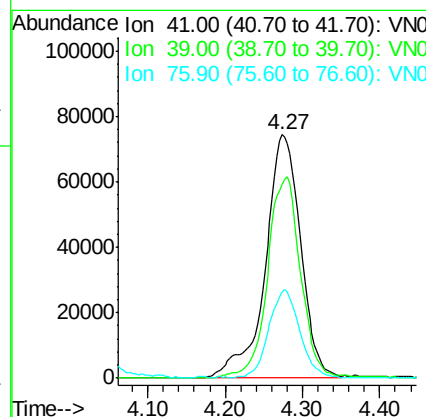
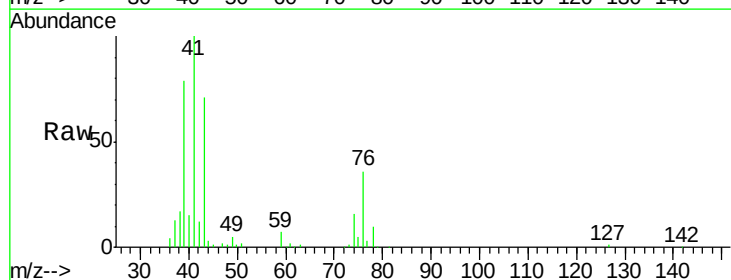
Manual Integrations
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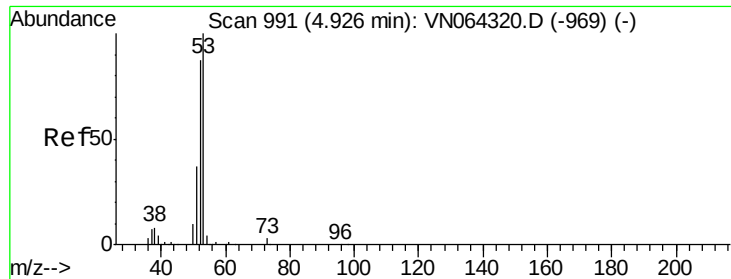
MMDadoda
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#14
Allyl chloride
Concen: 45.347 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
41	100		
39	76.5	61.7	92.5
76	31.8	24.0	36.0





#15

Acrylonitrile

Concen: 242.670 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

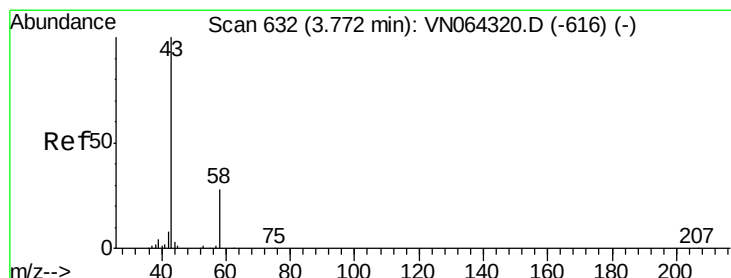
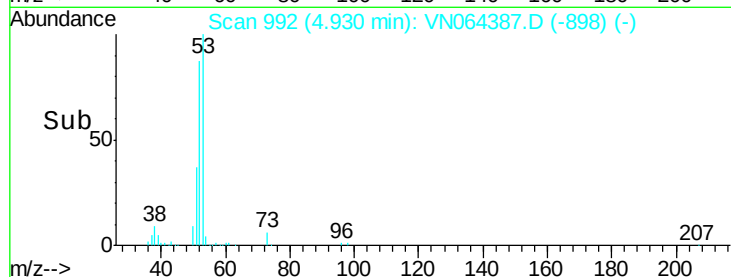
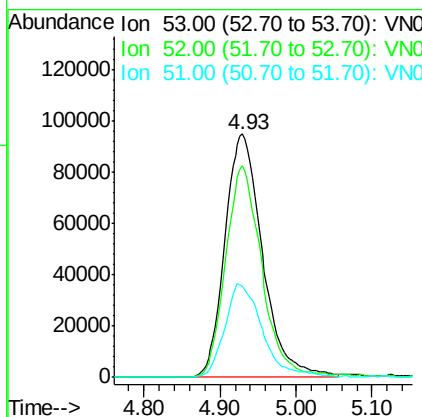
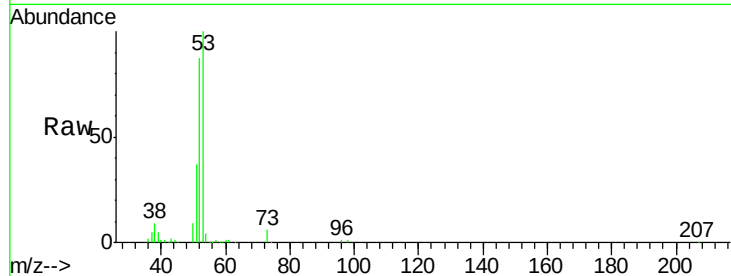
ClientSampleId :

VSTDCCC050EC

Tot Ion	53	Resp	325732
Ion	Ratio	Lower	Upper
53	100		
52	83.4	65.9	98.9
51	38.5	30.4	45.6

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#16

Acetone

Concen: 209.734 ug/l

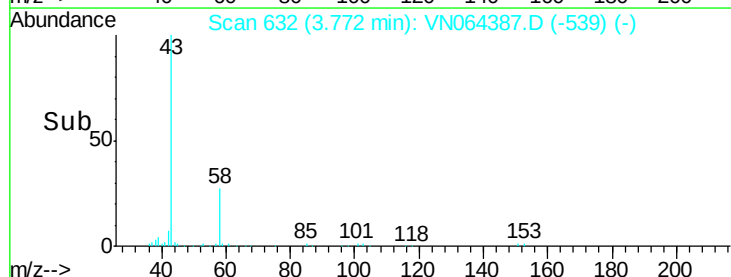
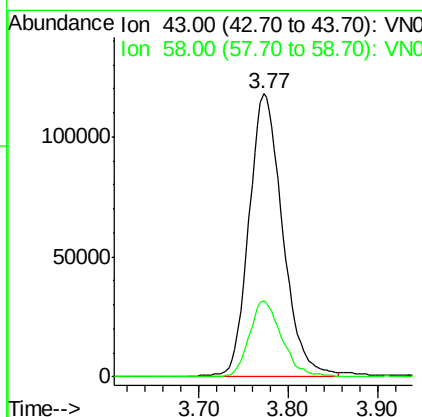
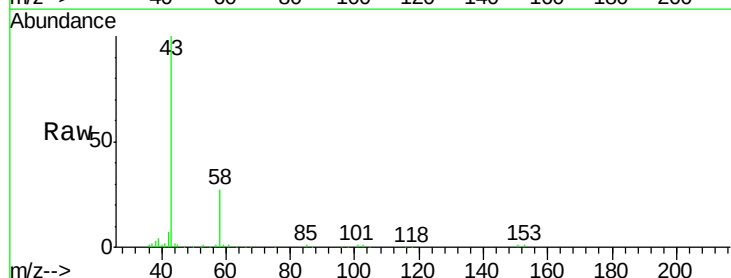
RT: 3.77 min Scan# 632

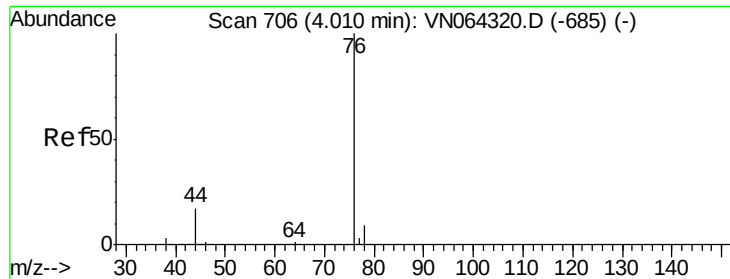
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion	43	Resp	309184
Ion	Ratio	Lower	Upper
43	100		
58	26.7	22.1	33.1





#17

Carbon Disulfide

Concen: 43.024 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 325399

Ion Ratio Lower Upper

76 100

78 8.9

7.3

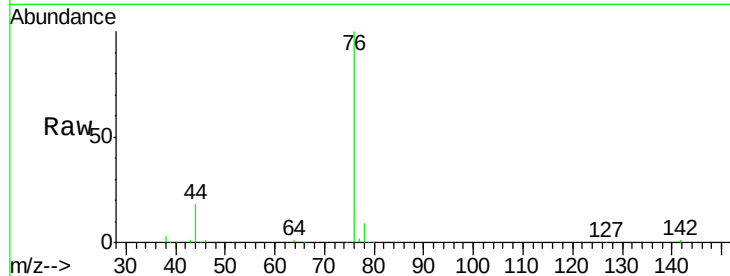
10.9

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

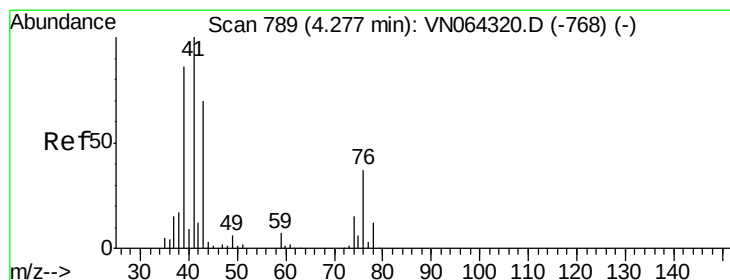
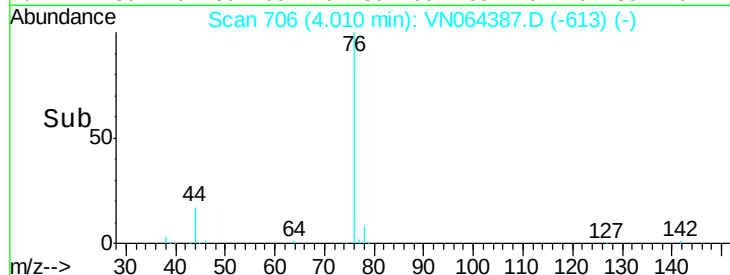
4.01

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 48.156 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion: 43 Resp: 155542

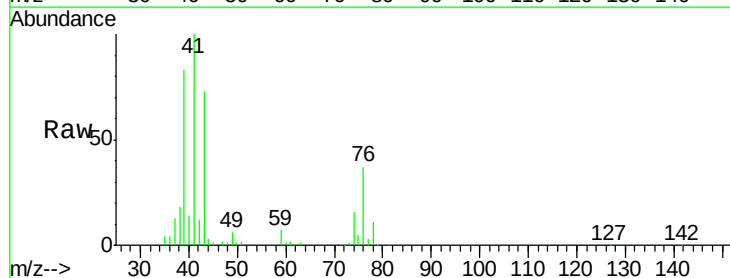
Ion Ratio Lower Upper

43 100

74 21.3

16.7

25.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

60000

50000

40000

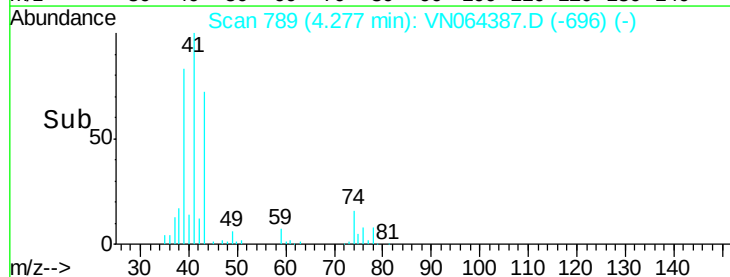
30000

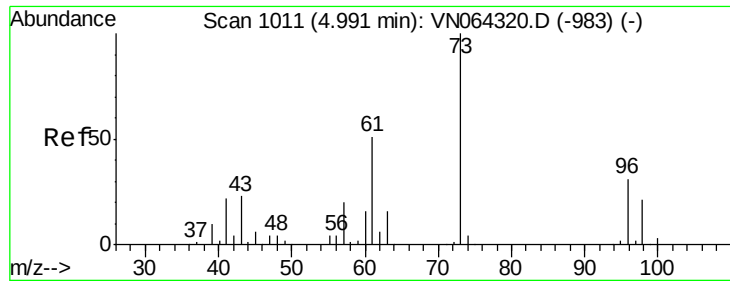
20000

10000

0

Time-->





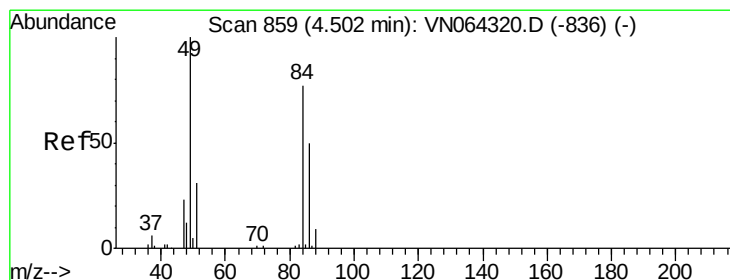
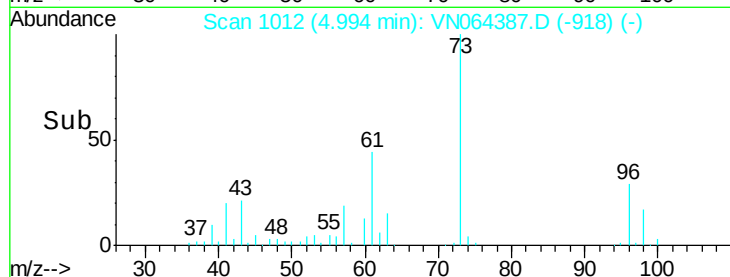
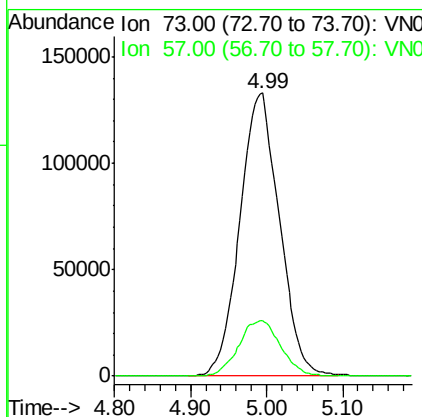
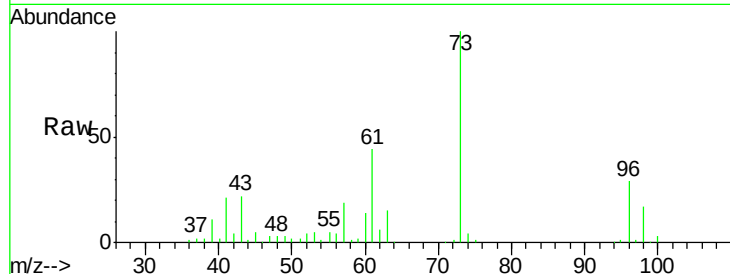
#19
Methyl tert-butyl Ether
Concen: 49.053 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 481787
Ion Ratio Lower Upper
73 100
57 19.4 16.1 24.1

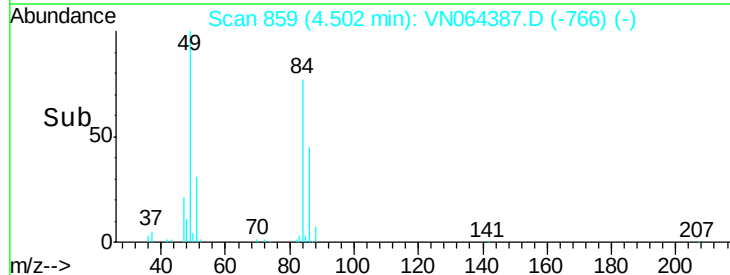
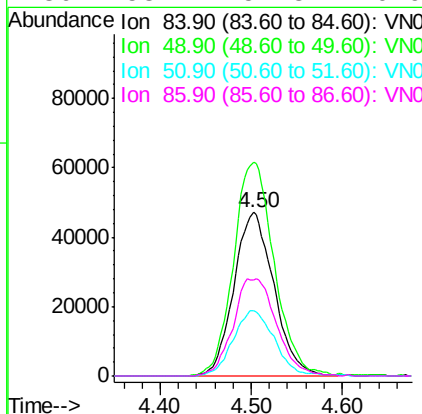
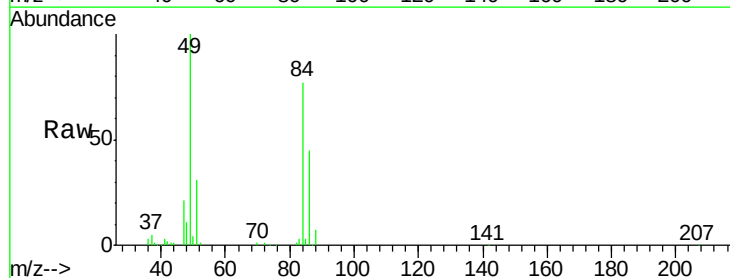
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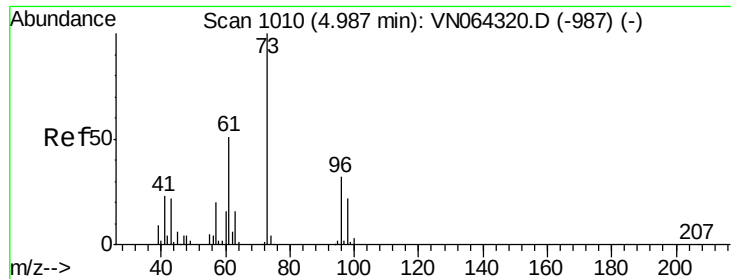
MMDadoda
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#20
Methylene Chloride
Concen: 47.444 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 84 Resp: 144675
Ion Ratio Lower Upper
84 100
49 130.6 103.6 155.4
51 40.1 31.8 47.8
86 58.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 46.461 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

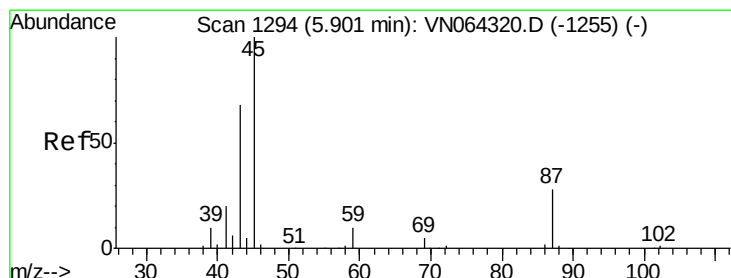
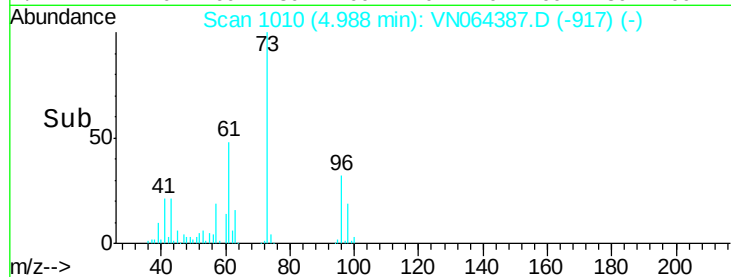
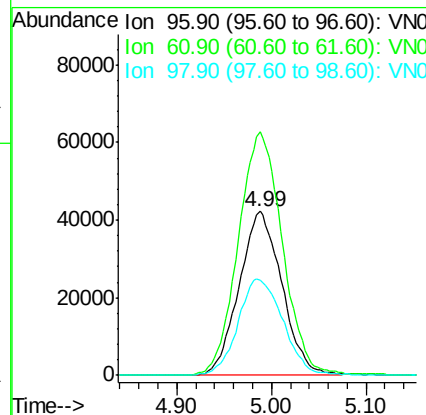
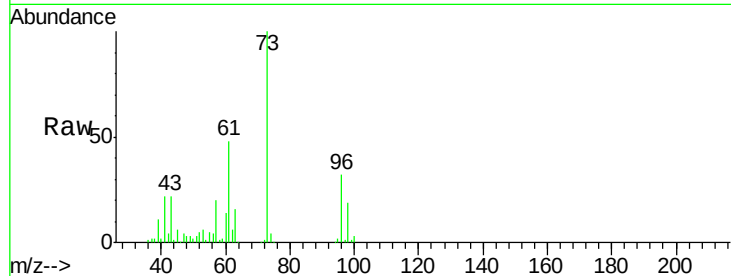
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	132491
Ion	Ratio	Lower	Upper
96	100		
61	148.3	128.2	192.2
98	57.7	56.1	84.1

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#22

Diisopropyl ether

Concen: 48.203 ug/l

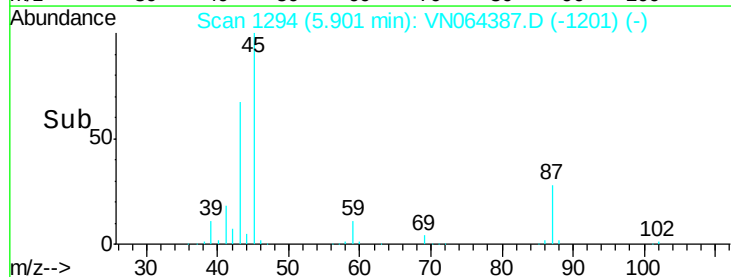
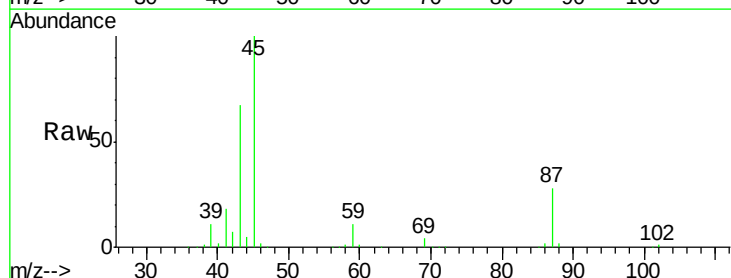
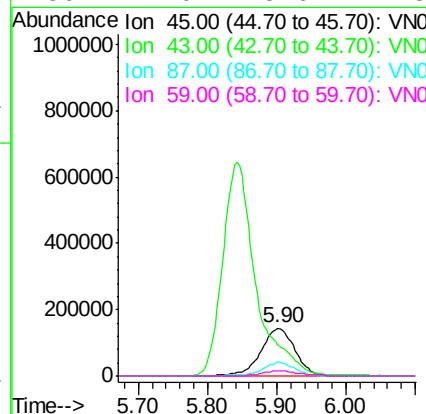
RT: 5.90 min Scan# 1294

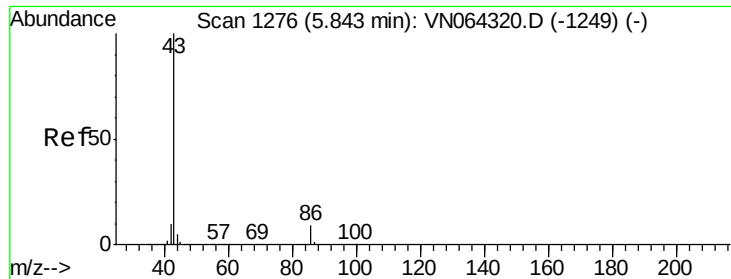
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	45	Resp:	491781
Ion	Ratio	Lower	Upper
45	100		
43	66.0	54.6	82.0
87	28.1	22.6	33.8
59	11.0	8.6	12.8





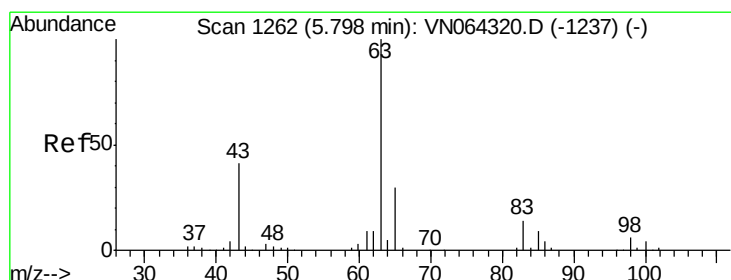
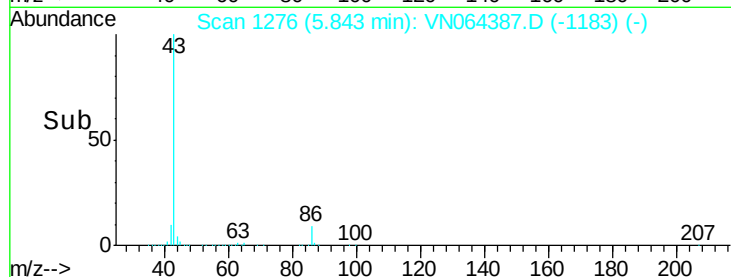
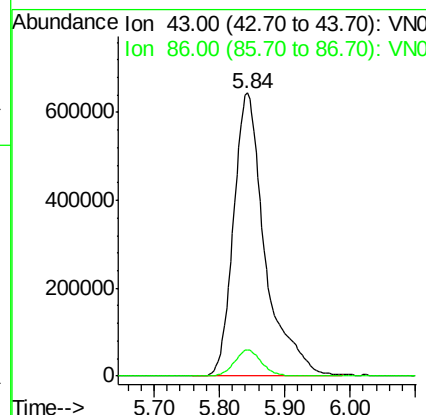
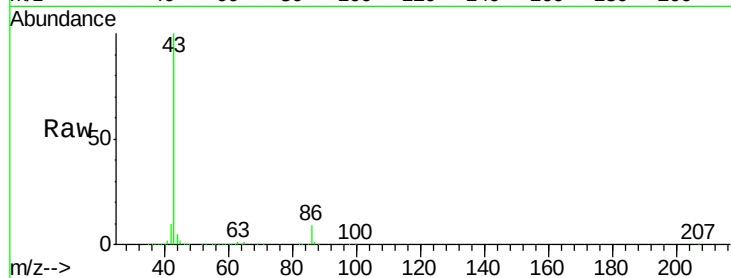
#23
 Vinyl Acetate
 Concen: 249.533 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 2153834
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.3 10.9

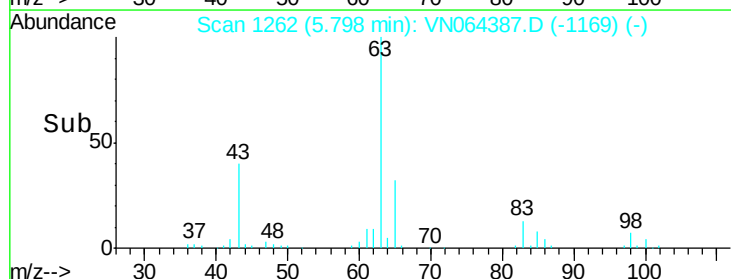
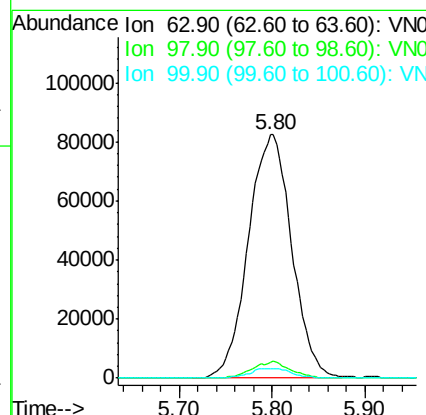
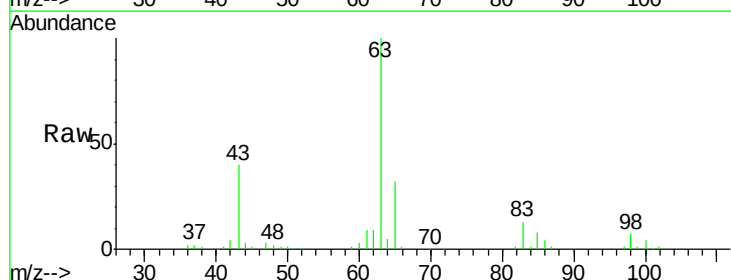
Manual Integrations
 APPROVED

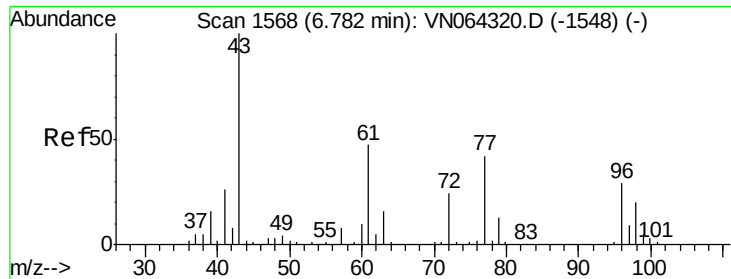
MMDadoda
 10/30/2020 1:35:44 PM



#24
 1,1-Dichloroethane
 Concen: 46.968 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 63 Resp: 268136
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 3.8 2.0 5.8





#25

2-Butanone

Concen: 224.356 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 484367

Ion Ratio Lower Upper

43 100

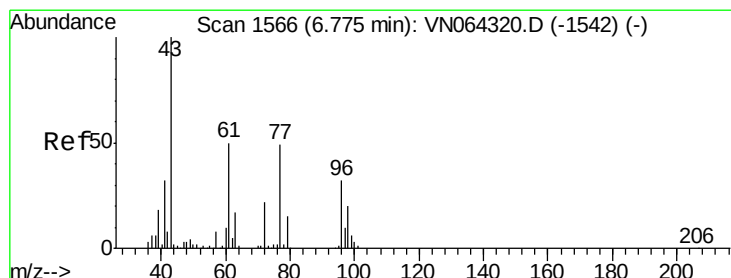
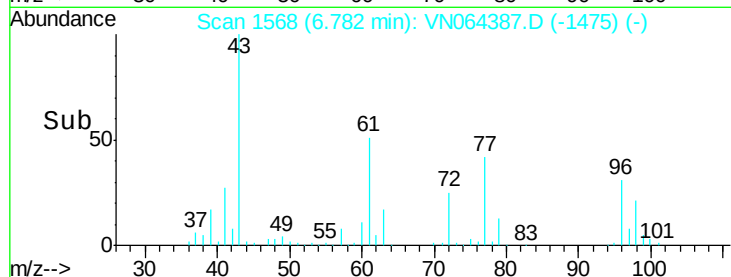
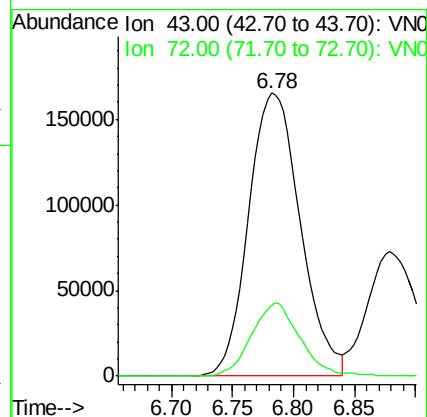
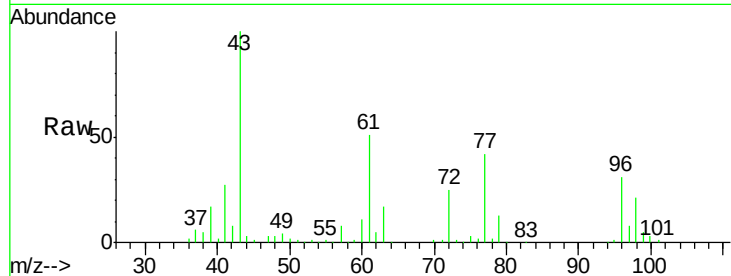
72 25.0 18.8 28.2

Manual Integrations

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10/30/2020 1:35:44 PM



#26

2,2-Dichloropropane

Concen: 41.562 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN064387.D

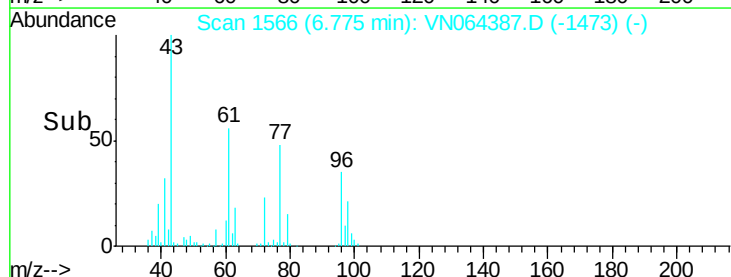
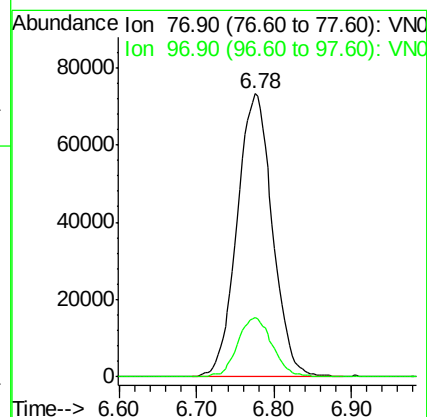
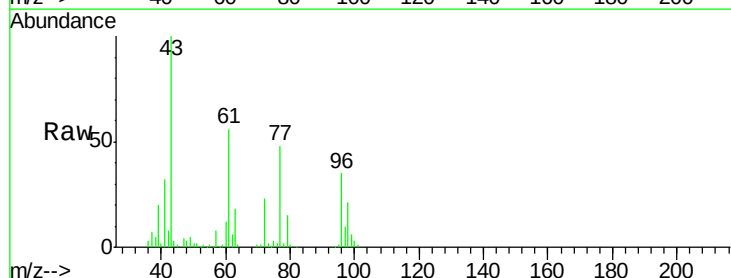
Acq: 29 Oct 2020 20:30

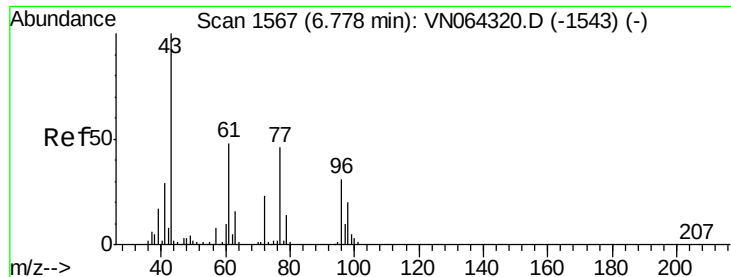
Tgt Ion: 77 Resp: 232221

Ion Ratio Lower Upper

77 100

97 20.5 10.2 30.6





#27

cis-1,2-Dichloroethene

Concen: 47.660 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

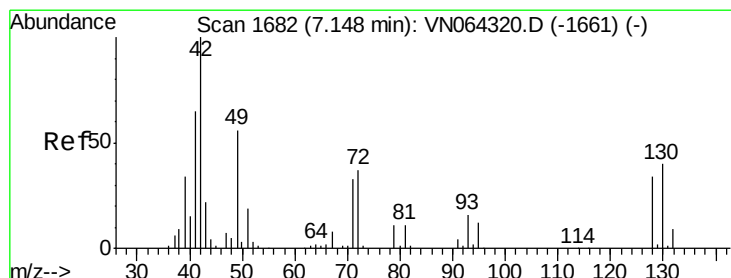
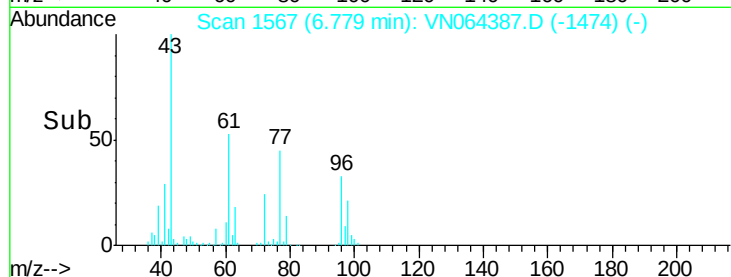
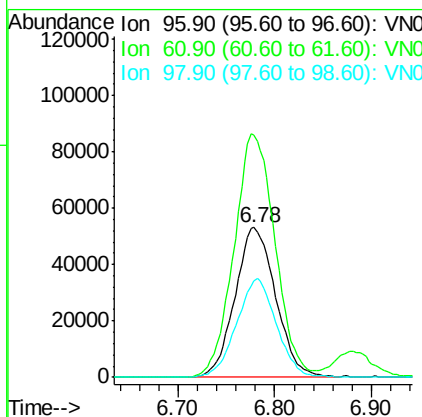
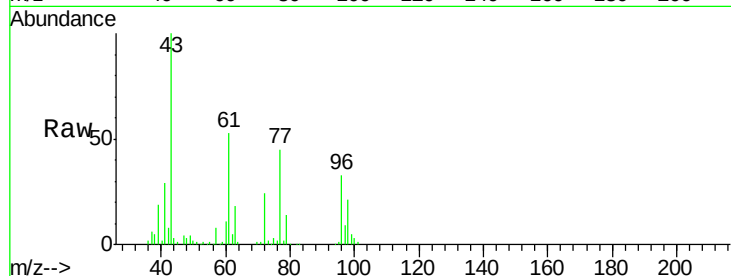
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	155541
Ion	Ratio	Lower	Upper
96	100		
61	163.3	0.0	325.0
98	63.9	0.0	128.4

Manual Integrations
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#28

Bromochloromethane

Concen: 46.884 ug/l

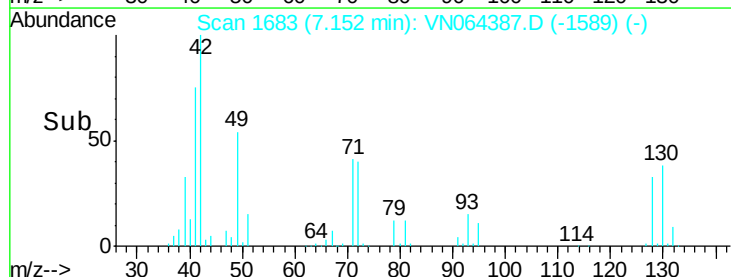
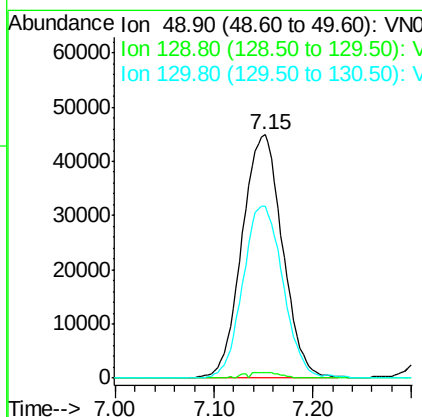
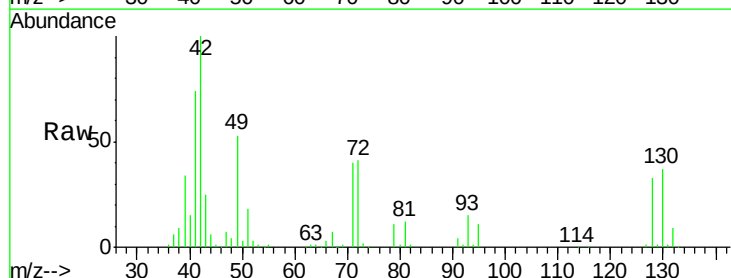
RT: 7.15 min Scan# 1683

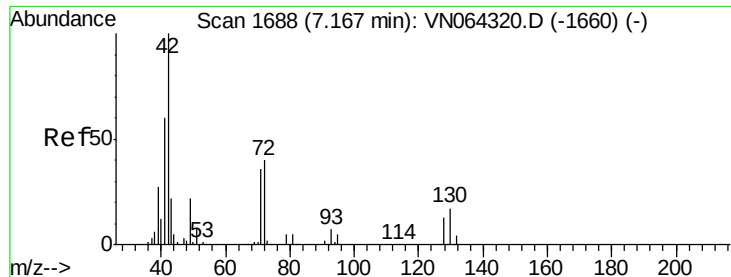
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	49	Resp:	127525
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	2.8
130	69.7	56.2	84.2





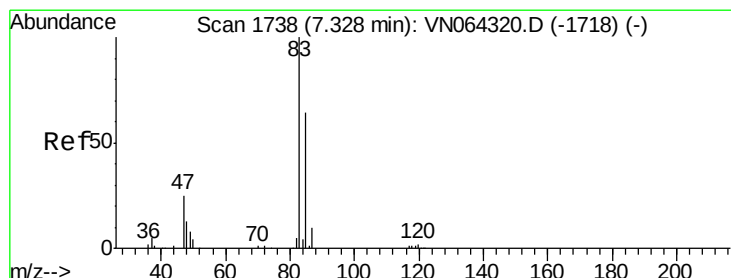
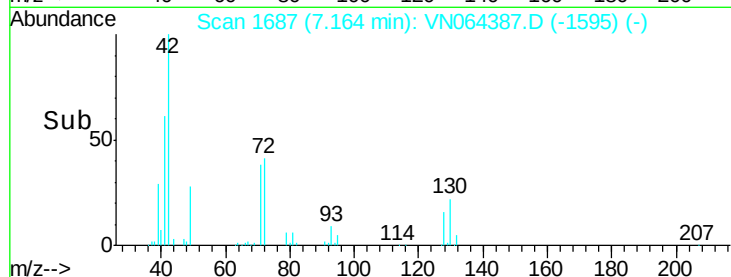
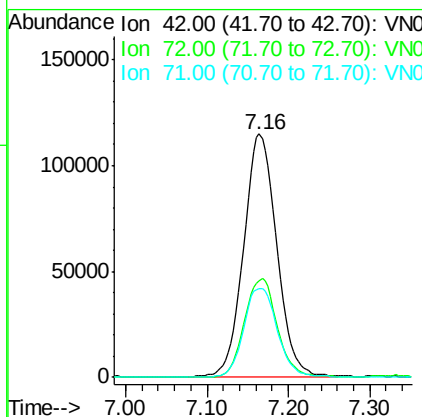
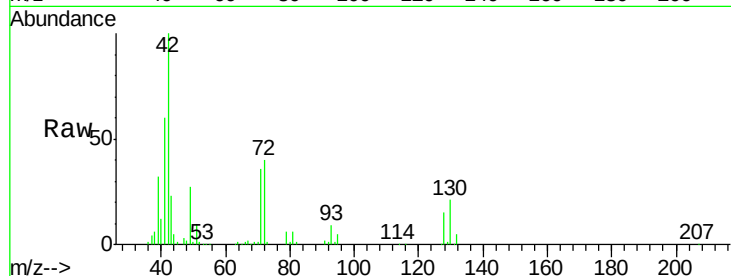
#29
Tetrahydrofuran
Concen: 230.674 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.0	31.6	47.4
71	37.0	29.4	44.0

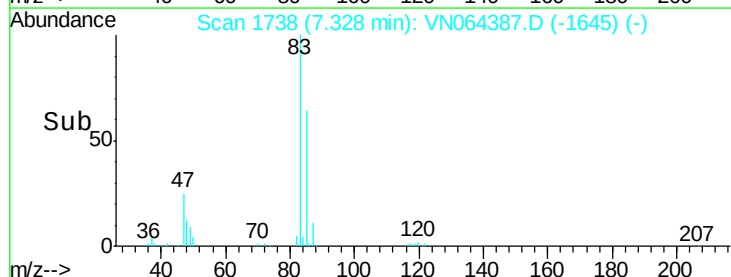
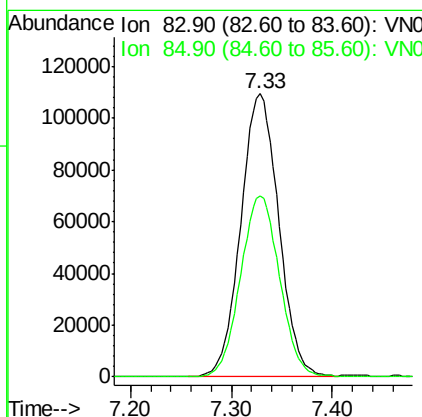
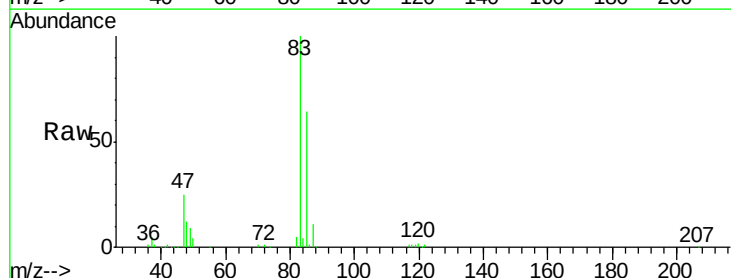
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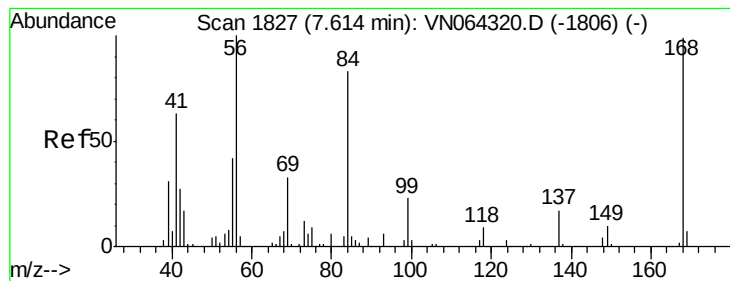
MMDadoda
10/30/2020 1:35:44 PM



#30
Chloroform
Concen: 46.872 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.1	76.7





#31

Cyclohexane

Concen: 42.080 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

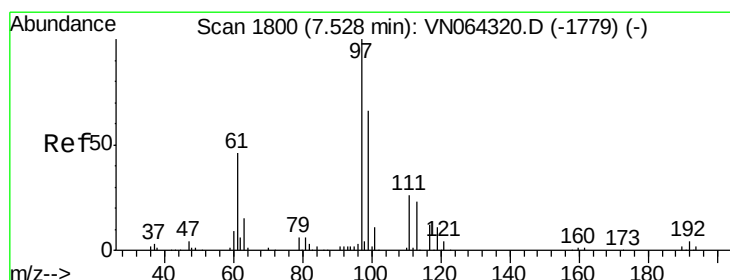
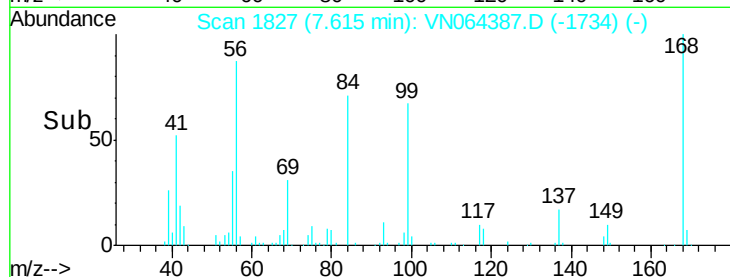
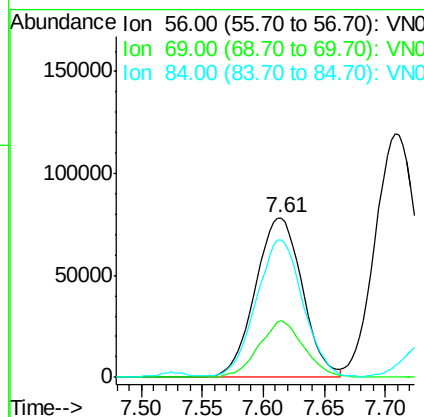
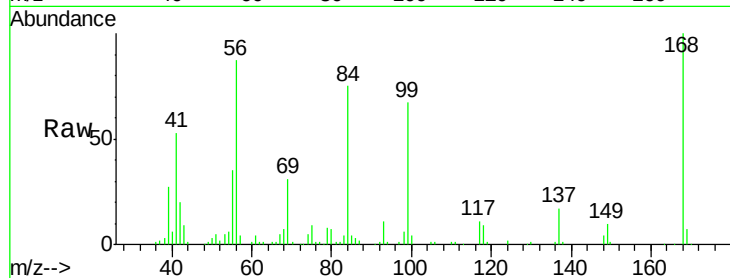
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	209993
Ion	Ratio	Lower	Upper
56	100		
69	35.3	25.8	38.8
84	85.0	66.3	99.5

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.239 ug/l

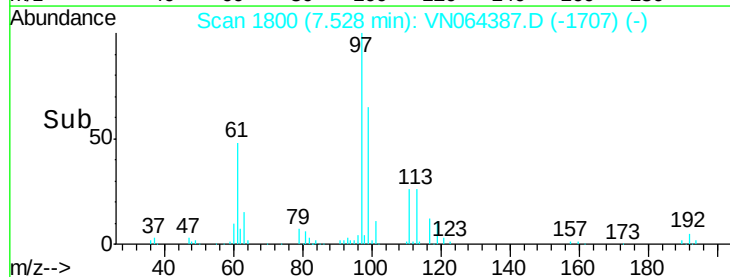
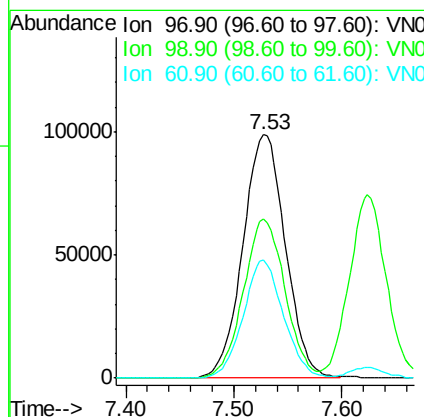
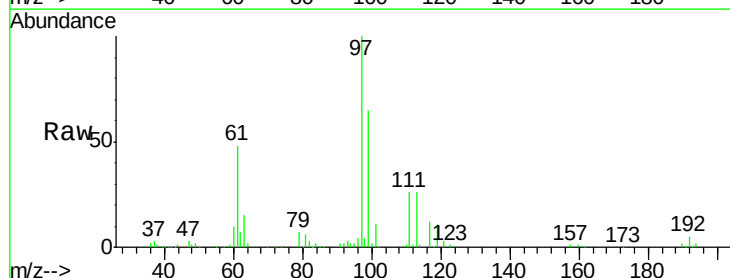
RT: 7.53 min Scan# 1800

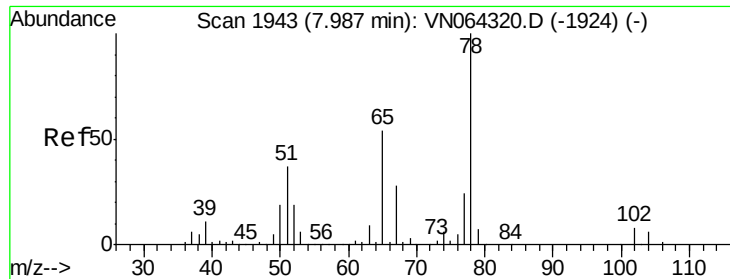
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	97	Resp:	270570
Ion	Ratio	Lower	Upper
97	100		
99	64.2	50.6	76.0
61	45.8	35.8	53.6





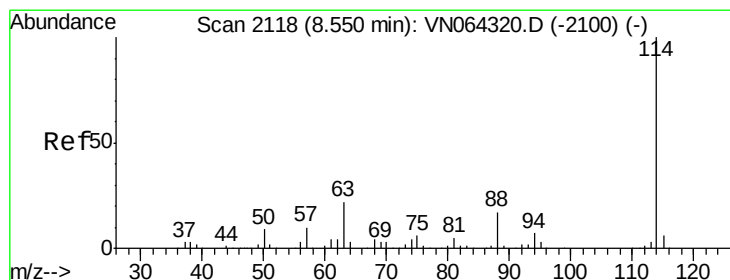
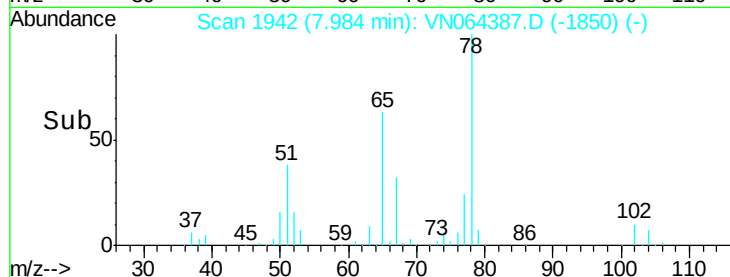
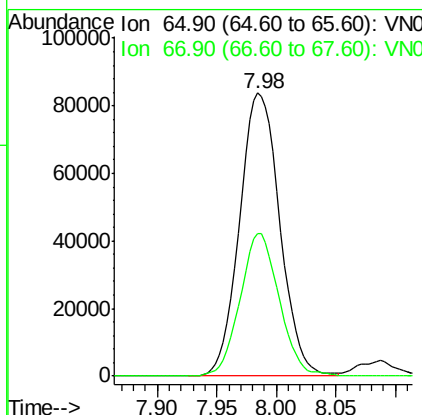
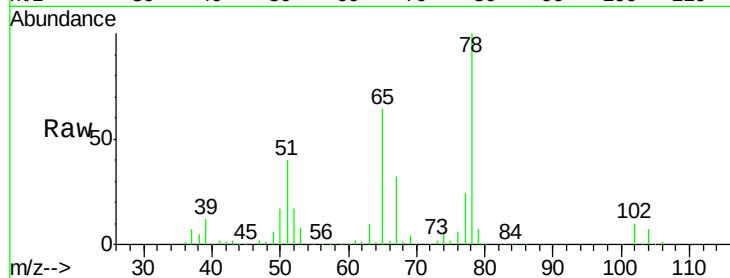
#33
 1,2-Dichloroethane-d4
 Concen: 45.711 ug/l
 RT: 7.98 min Scan# 1942
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	196547		
67	49.1	0.0	99.2	

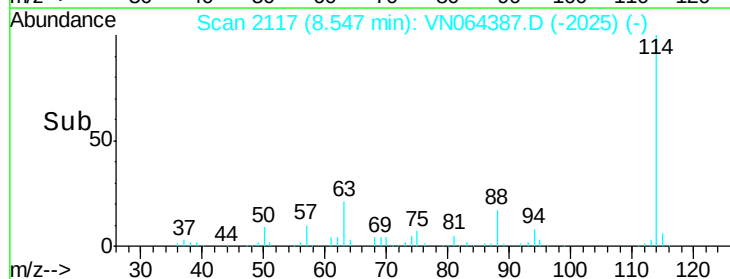
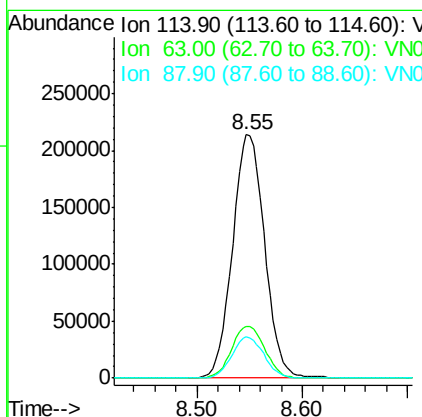
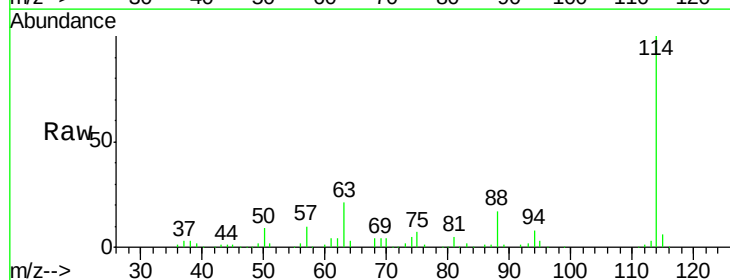
Manual Integrations
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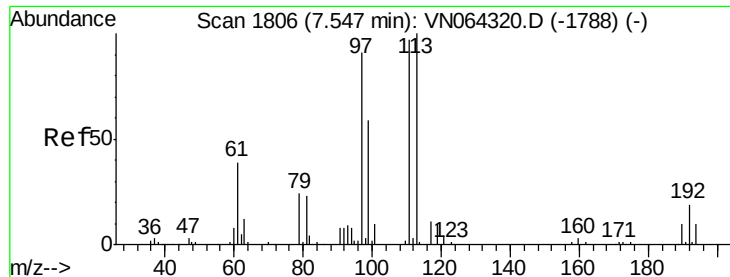
MMDadoda
 10/30/2020 1:35:44 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2117
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	451406		
63	21.3	0.0	44.6	
88	17.1	0.0	33.4	





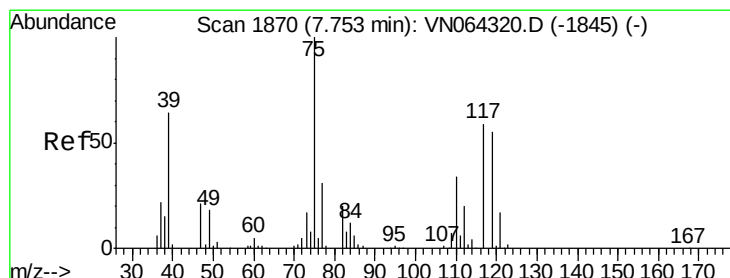
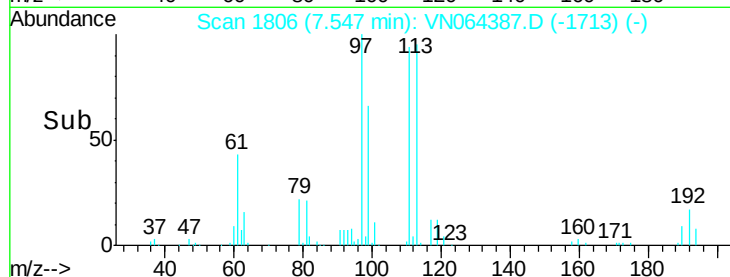
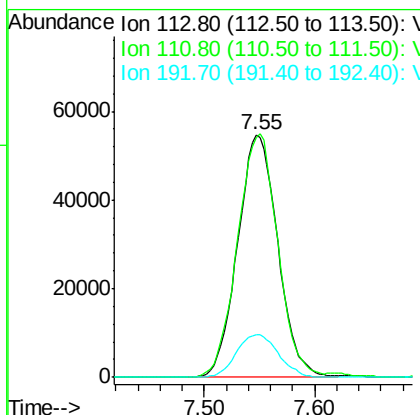
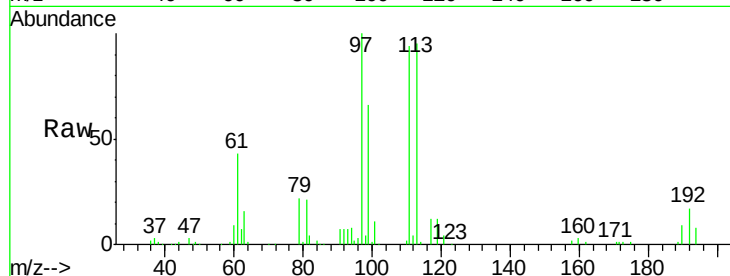
#35
 Dibromofluoromethane
 Concen: 45.788 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.5	122.3
192	18.3	15.0	22.4

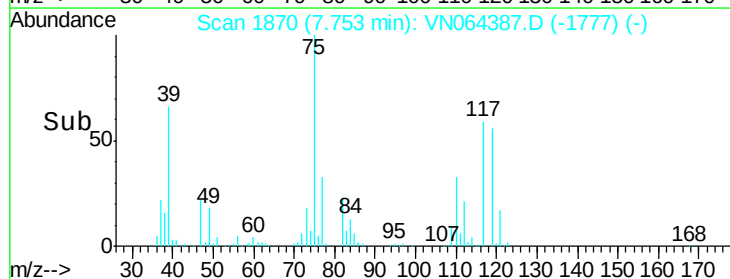
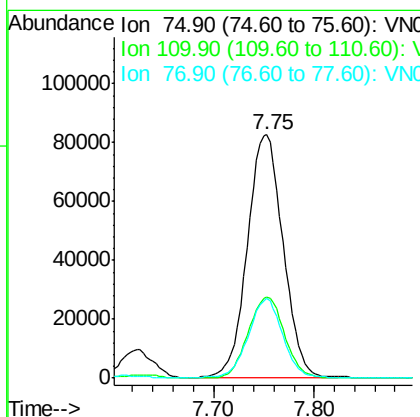
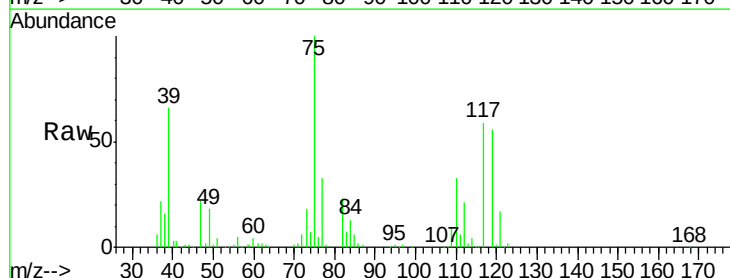
Manual Integrations
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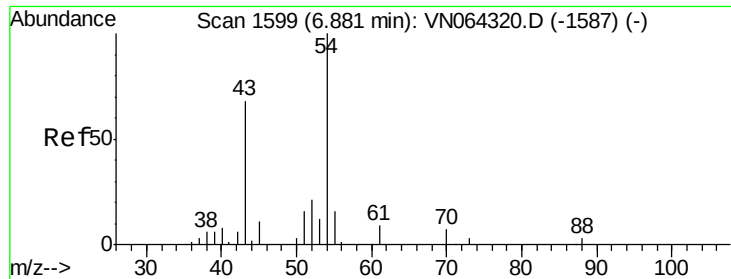
MMDadoda
 10/30/2020 1:35:44 PM



#36
 1,1-Dichloropropene
 Concen: 44.292 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	16.8	50.3
77	31.9	24.2	36.4





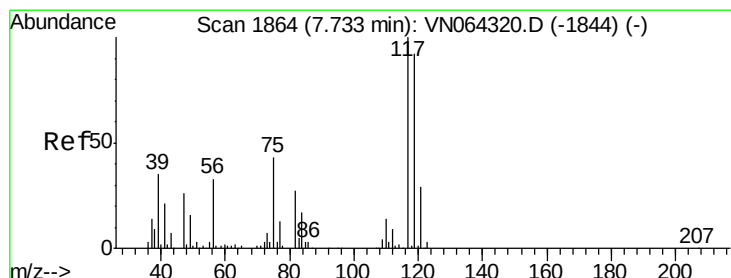
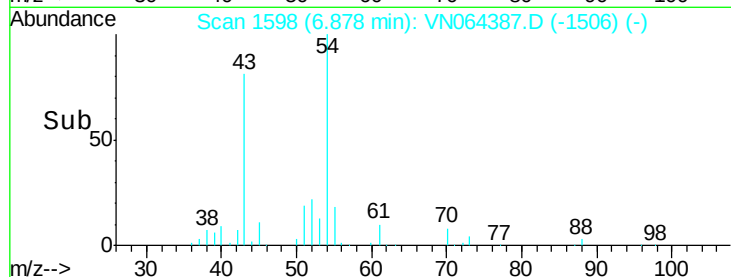
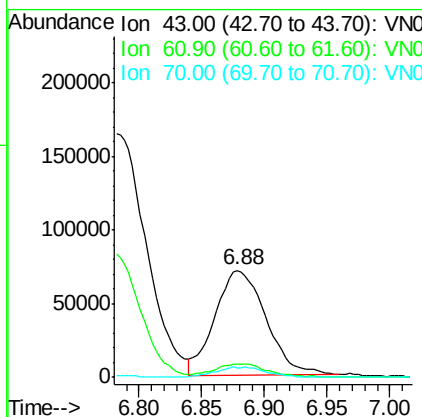
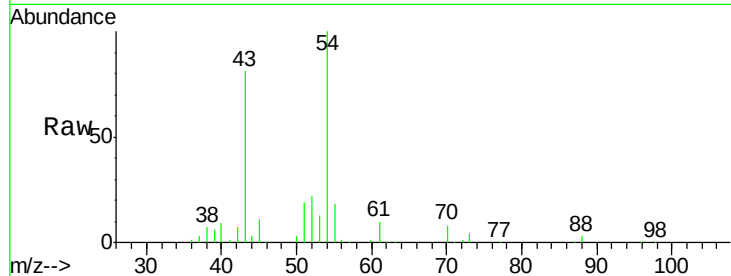
#37
Ethyl Acetate
Concen: 43.763 ug/l
RT: 6.88 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.9	10.0	15.0
70	10.0	7.1	10.7

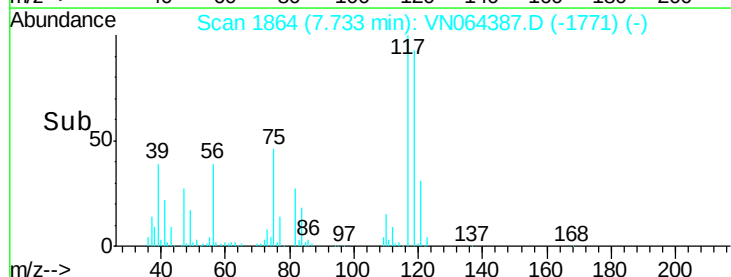
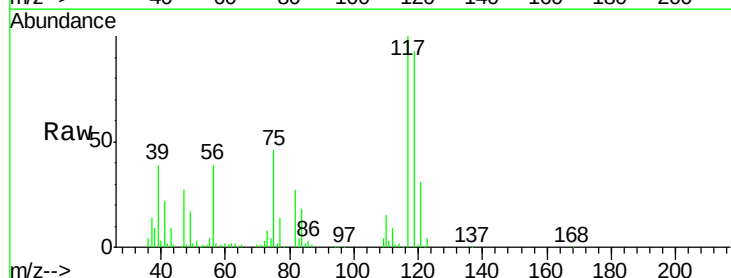
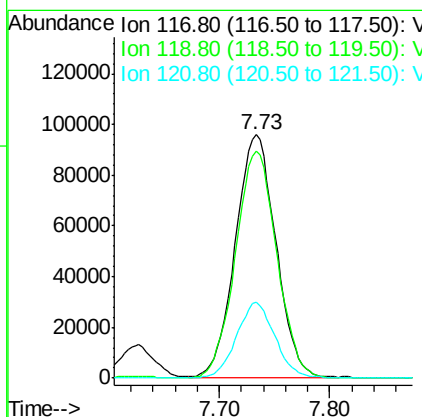
Manual Integrations
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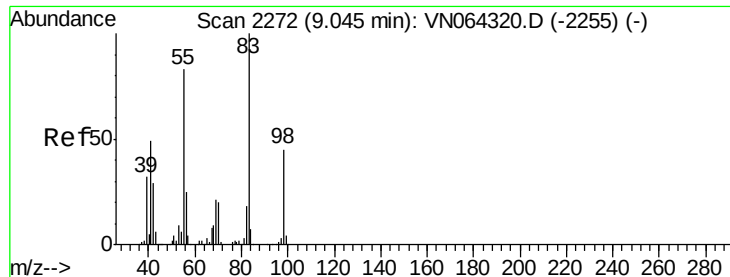
MMDadoda
10/30/2020 1:35:44 PM



#38
Carbon Tetrachloride
Concen: 45.996 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	73.7	110.5
121	31.5	22.8	34.2





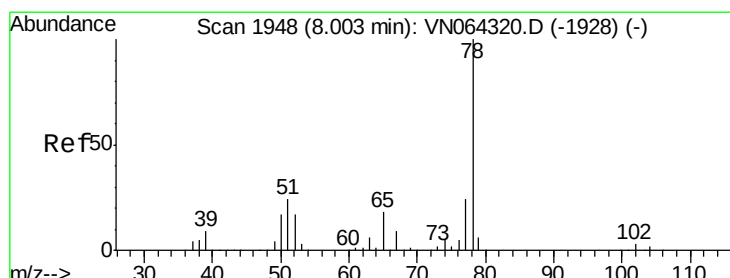
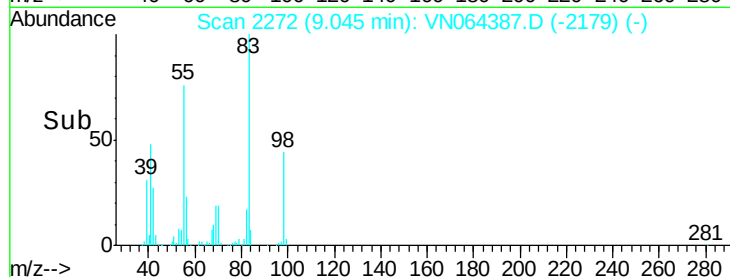
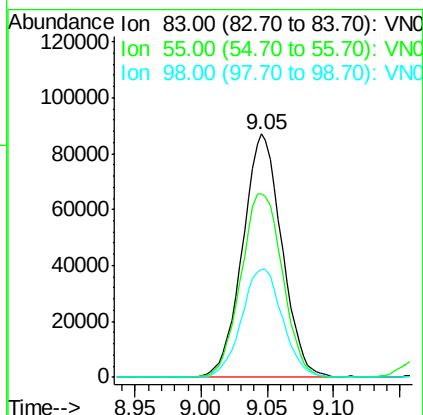
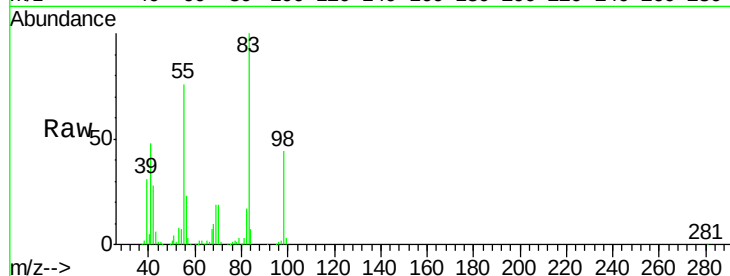
#39
Methylvlcyclohexane
Concen: 39.605 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	75.3	66.2	99.4
98	44.2	36.0	54.0

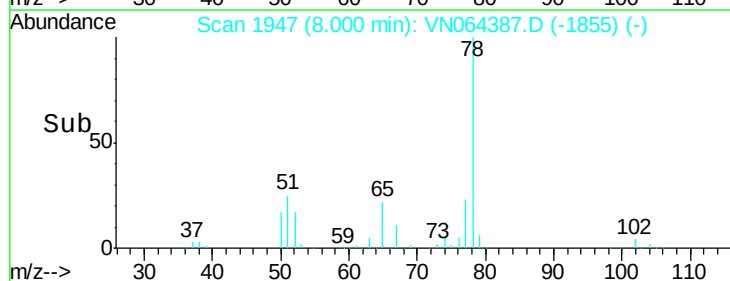
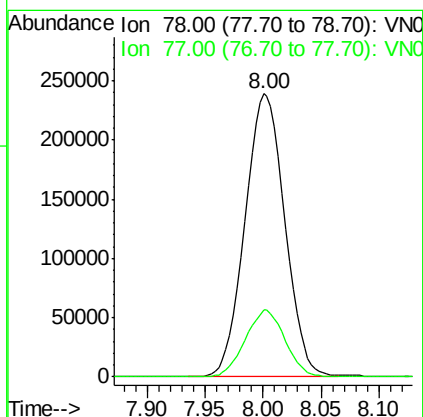
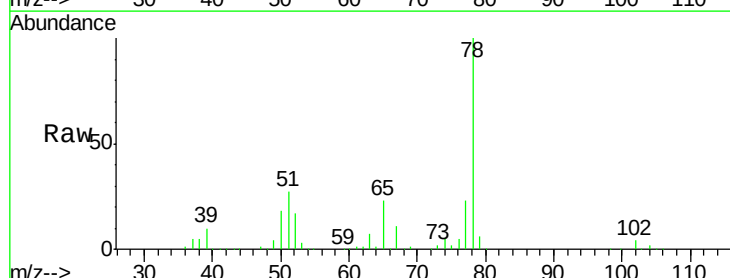
Manual Integrations
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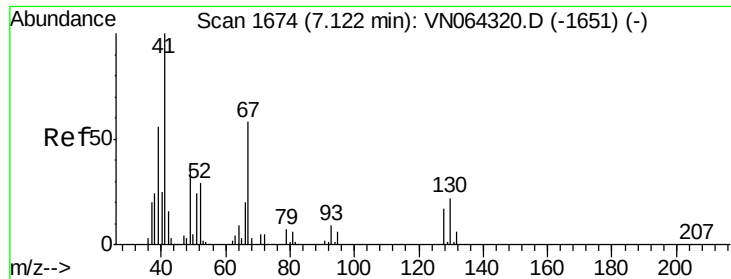
MMDadoda
10/30/2020 1:35:44 PM



#40
Benzene
Concen: 45.122 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.5	18.8	28.2





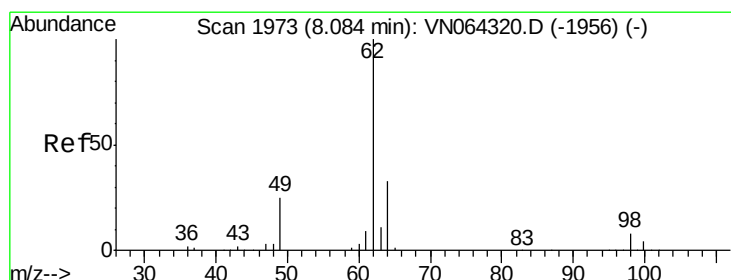
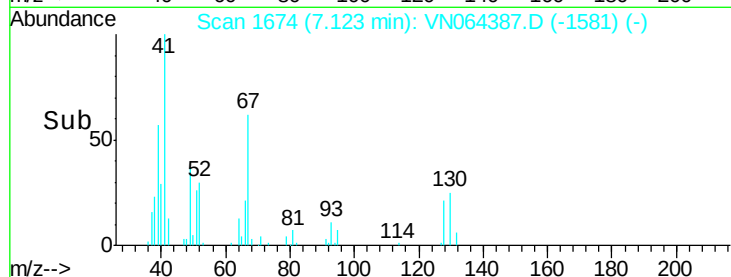
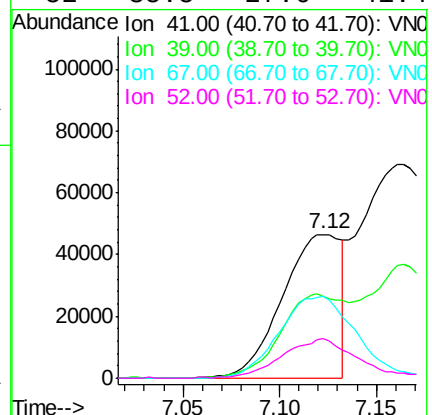
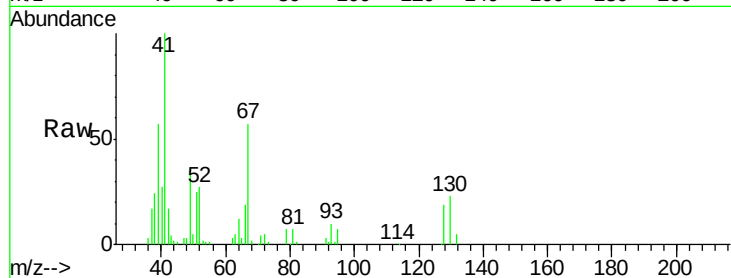
#41
Methacrylonitrile
Concen: 43.087 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	64.0	48.6	72.8	
67	74.4	61.4	92.2	
52	35.5	27.6	41.4	

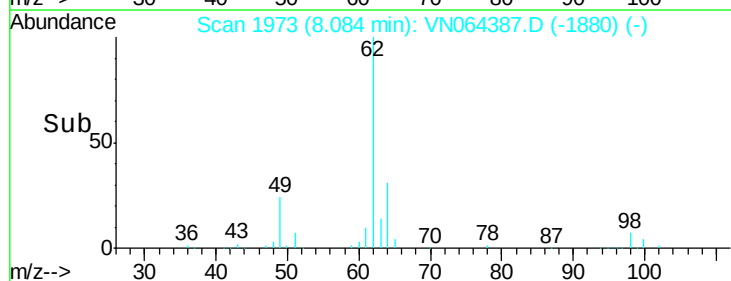
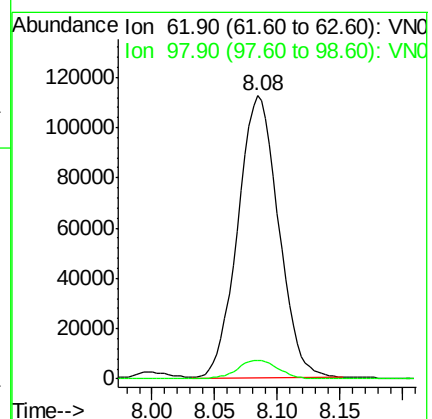
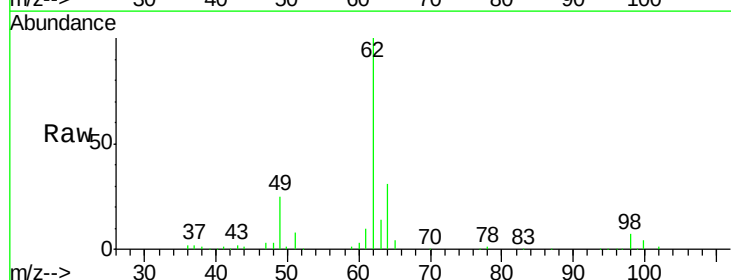
Manual Integrations
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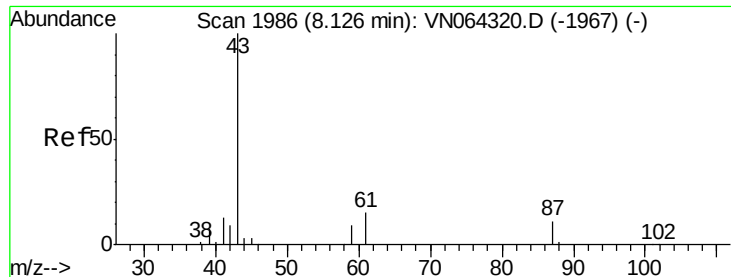
MMDadoda
10/30/2020 1:35:44 PM



#42
1,2-Dichloroethane
Concen: 46.221 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	6.7	0.0	14.2	





#43

Isopropyl Acetate

Concen: 47.808 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 376072

Ion Ratio Lower Upper

43 100

61 16.8 19.1 28.7#

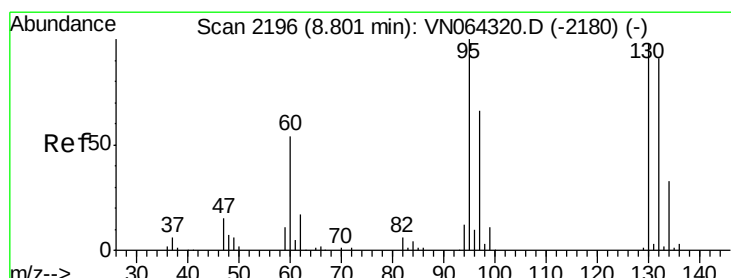
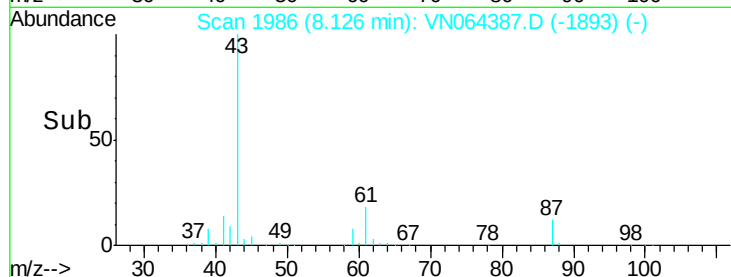
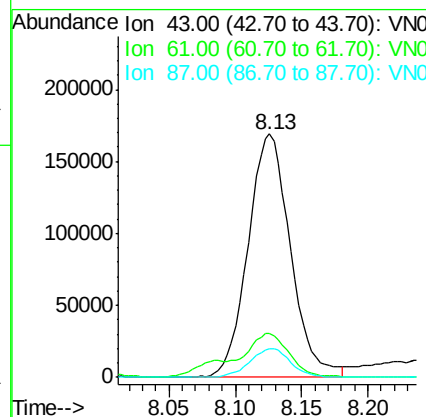
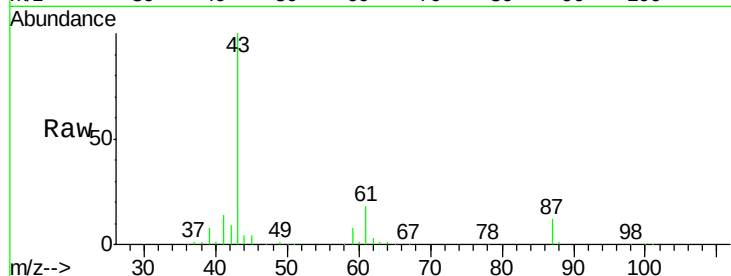
87 11.5 9.3 13.9

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#44

Trichloroethene

Concen: 47.227 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN064387.D

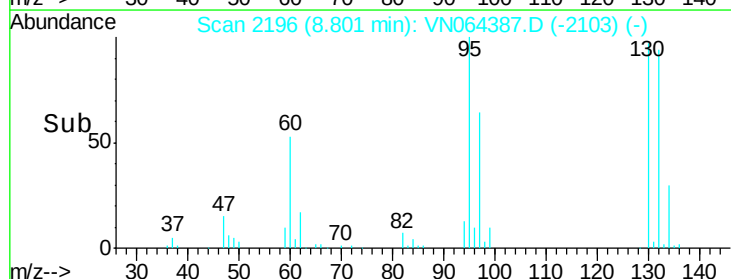
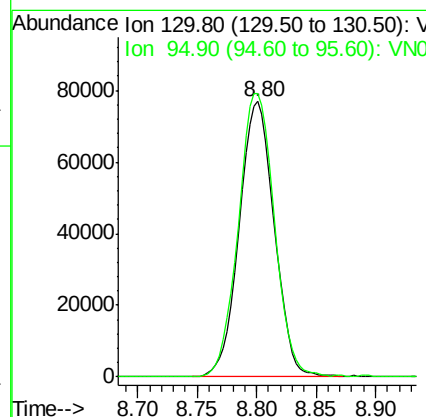
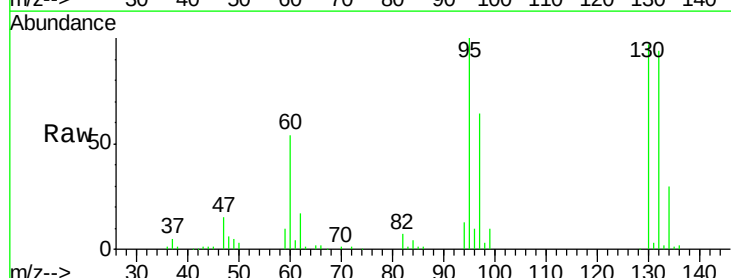
Acq: 29 Oct 2020 20:30

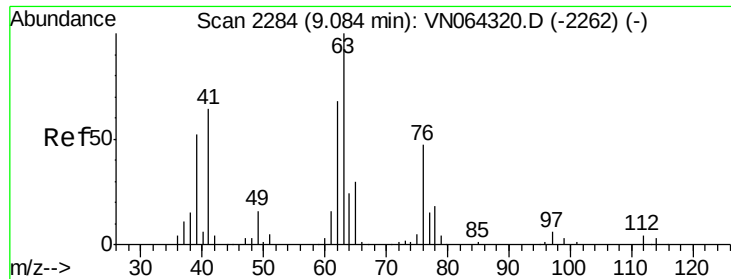
Tgt Ion: 130 Resp: 156885

Ion Ratio Lower Upper

130 100

95 102.9 0.0 203.6





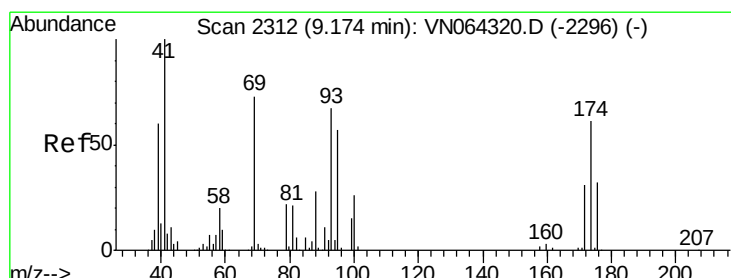
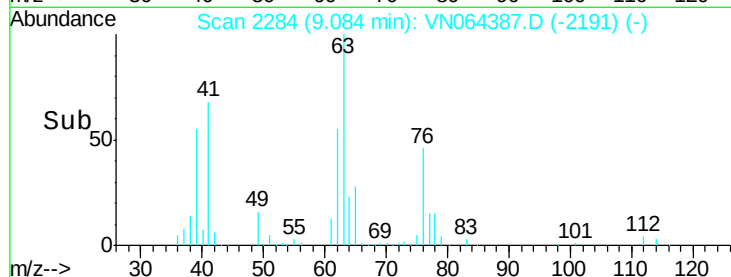
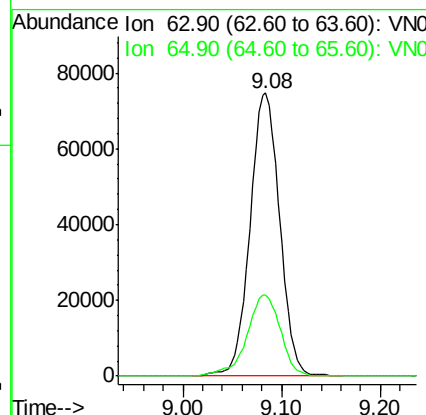
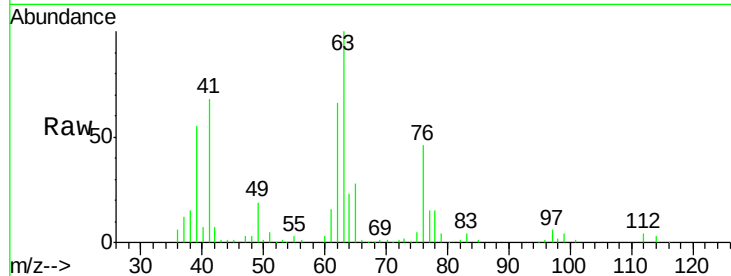
#45
 1,2-Dichloropropane
 Concen: 45.634 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 154963
 Ion Ratio Lower Upper
 63 100
 65 28.5 24.3 36.5

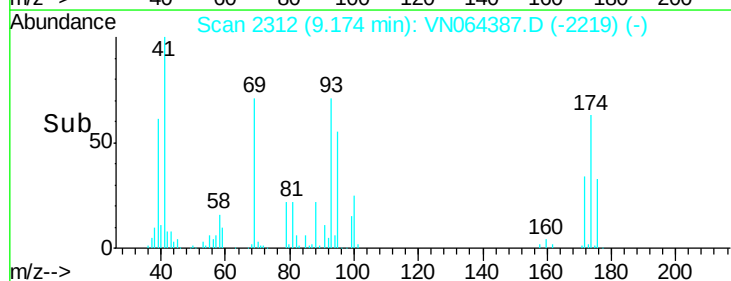
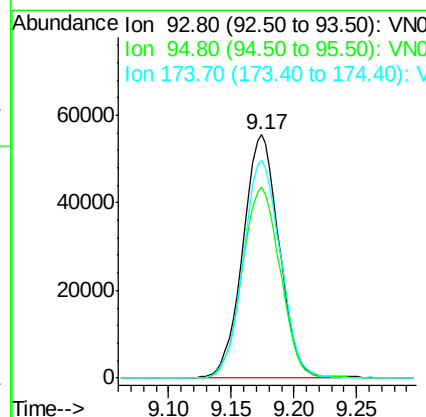
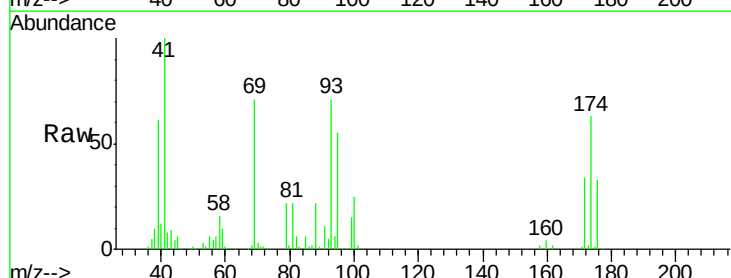
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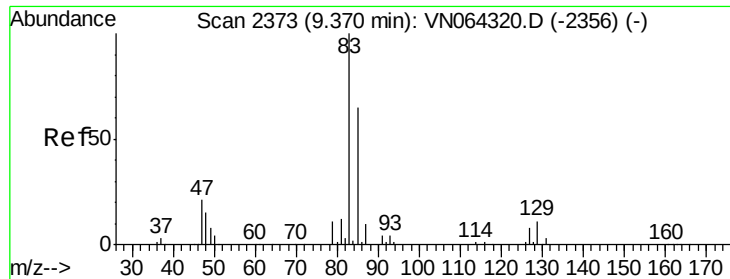
MMDadoda
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#46
 Dibromomethane
 Concen: 46.884 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 93 Resp: 111379
 Ion Ratio Lower Upper
 93 100
 95 82.3 64.4 96.6
 174 91.7 71.4 107.0





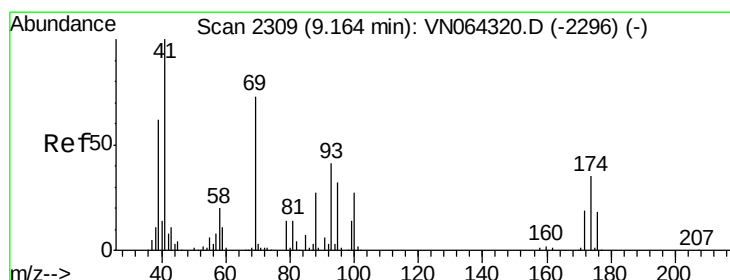
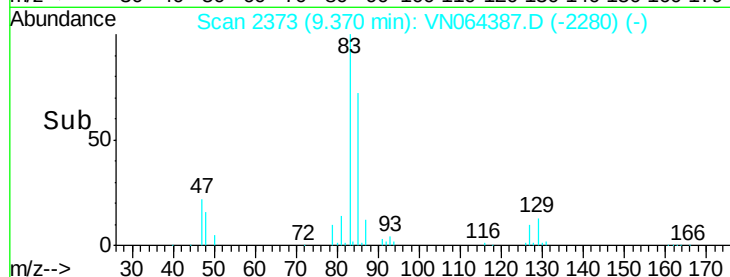
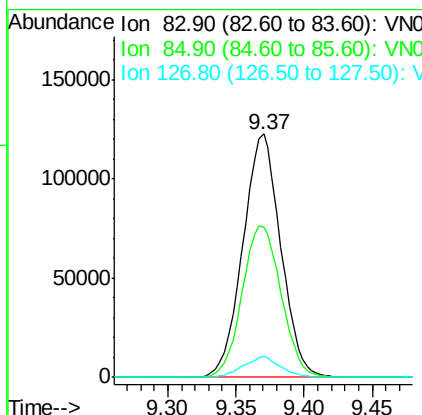
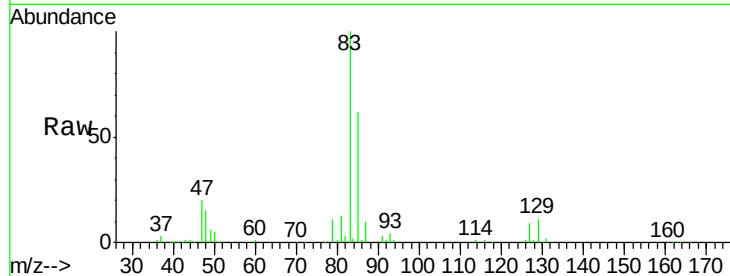
#47
Bromodichloromethane
Concen: 44.933 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	236563		
85	61.9	52.1	78.1	
127	8.5	6.7	10.1	

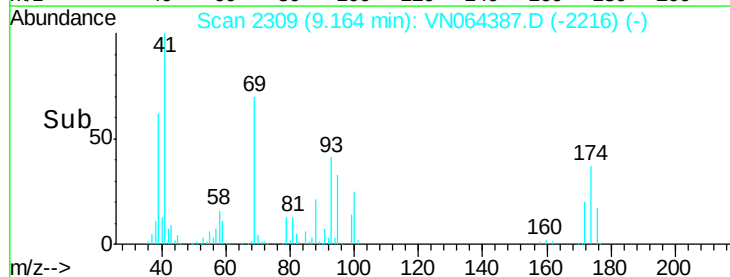
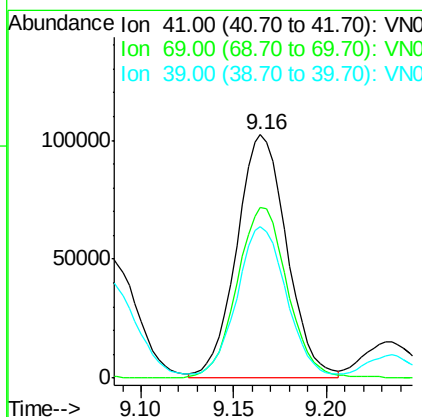
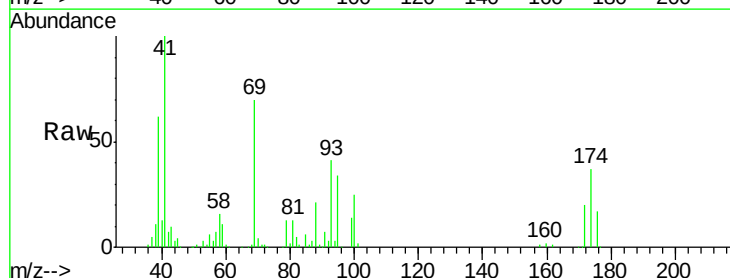
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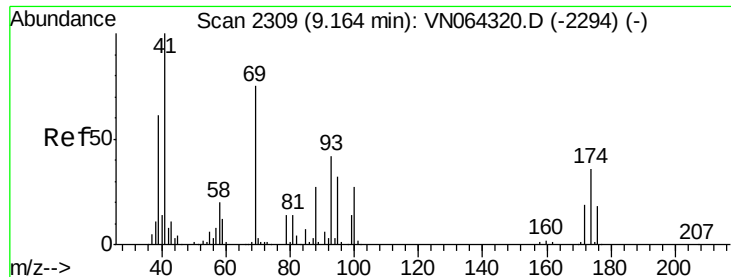
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#48
Methyl methacrylate
Concen: 47.189 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	191516		
69	71.2	59.1	88.7	
39	62.1	51.3	76.9	





#49

1,4-Dioxane

Concen: 757.975 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 88 Resp: 45342

Ion Ratio Lower Upper

88 100

43 40.7 31.8 47.8

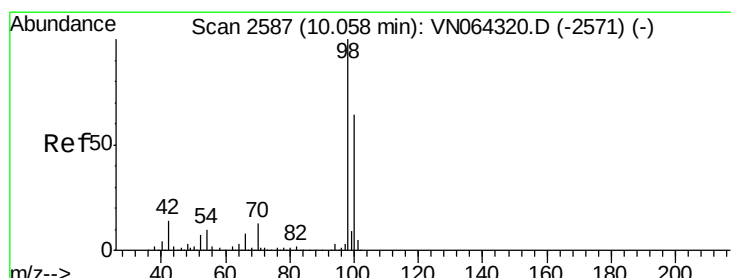
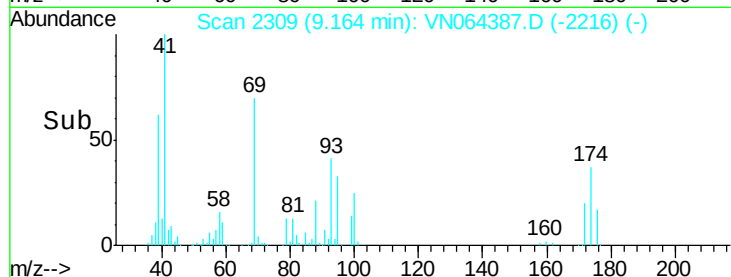
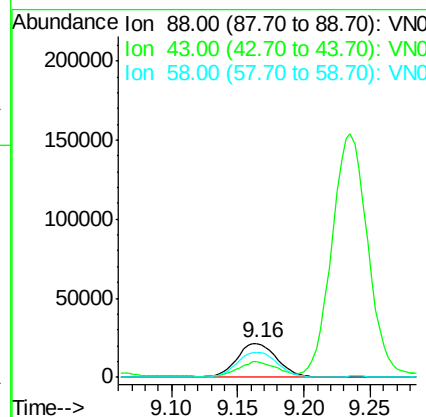
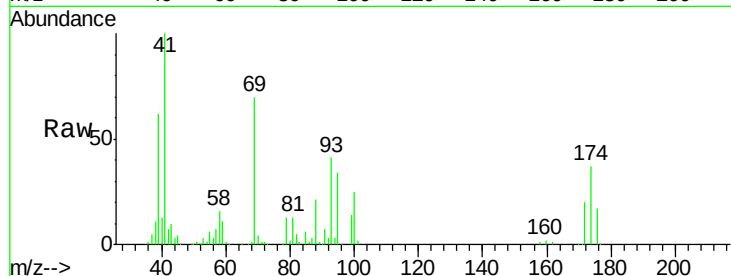
58 74.4 60.3 90.5

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#50

Toluene-d8

Concen: 44.331 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064387.D

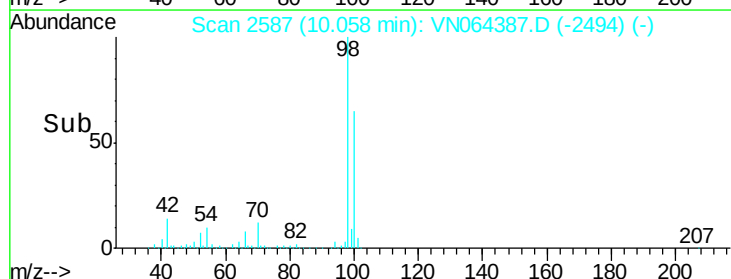
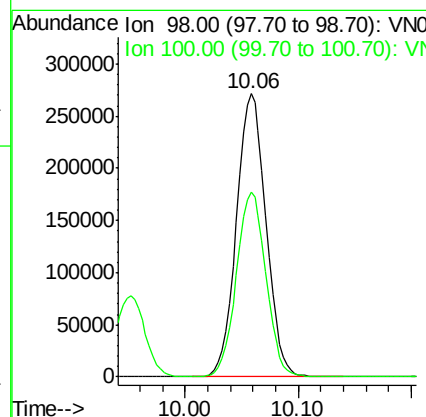
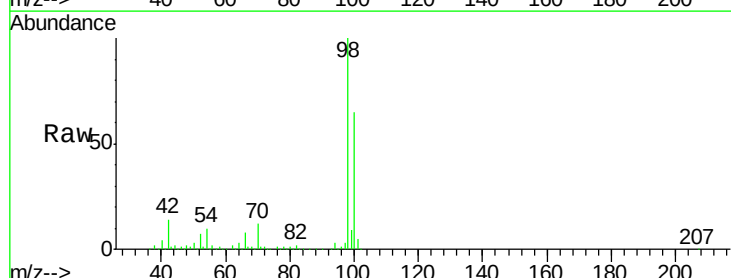
Acq: 29 Oct 2020 20:30

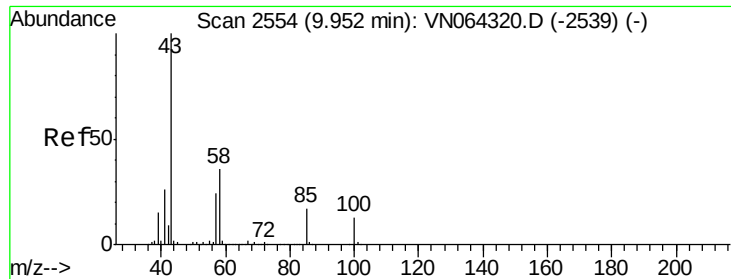
Tgt Ion: 98 Resp: 493613

Ion Ratio Lower Upper

98 100

100 65.0 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 232.879 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1064852

Ion Ratio Lower Upper

43 100

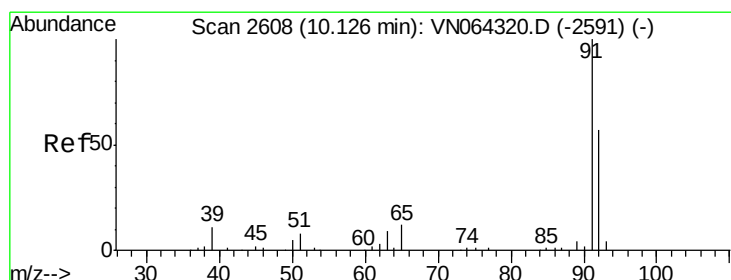
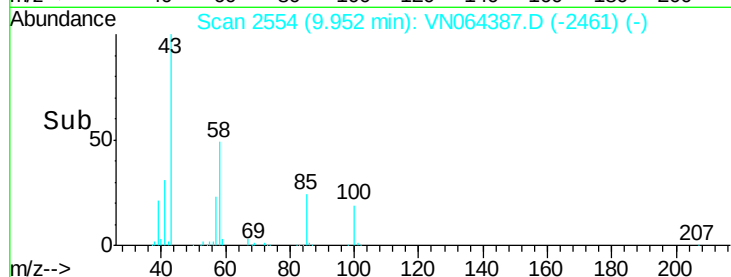
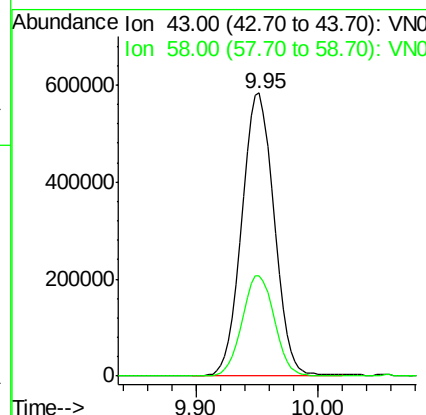
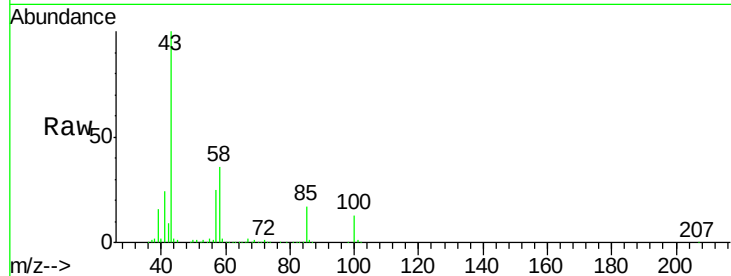
58 35.6 28.6 42.8

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#52

Toluene

Concen: 45.971 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064387.D

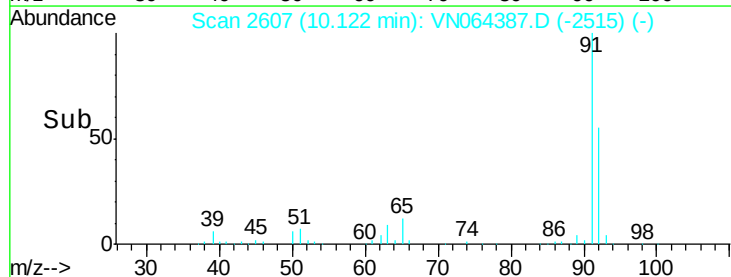
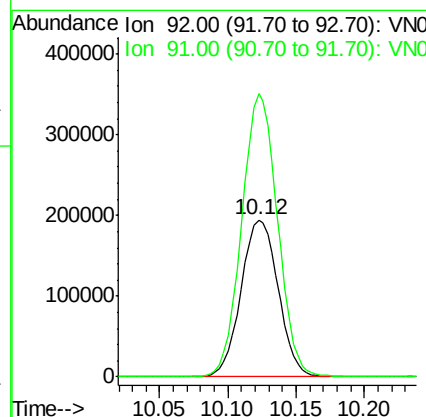
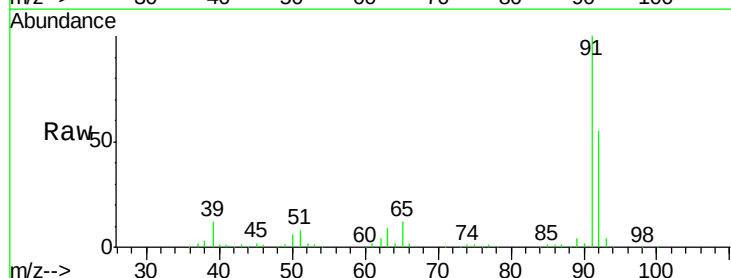
Acq: 29 Oct 2020 20:30

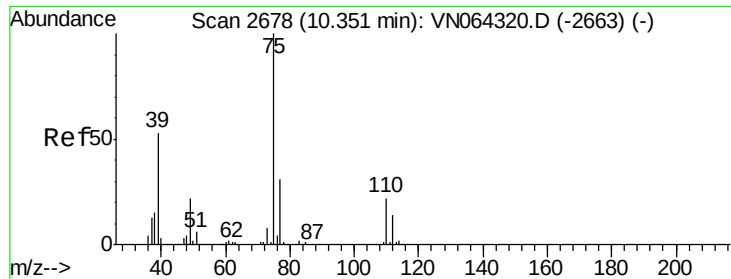
Tgt Ion: 92 Resp: 367861

Ion Ratio Lower Upper

92 100

91 173.8 139.9 209.9





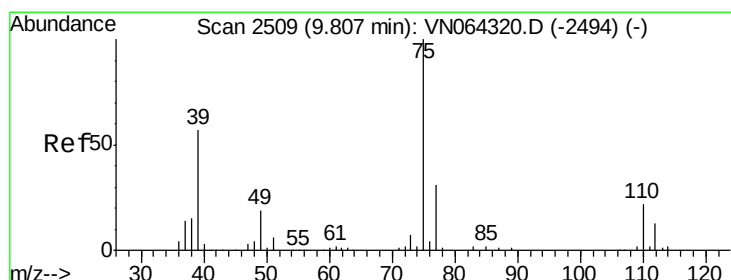
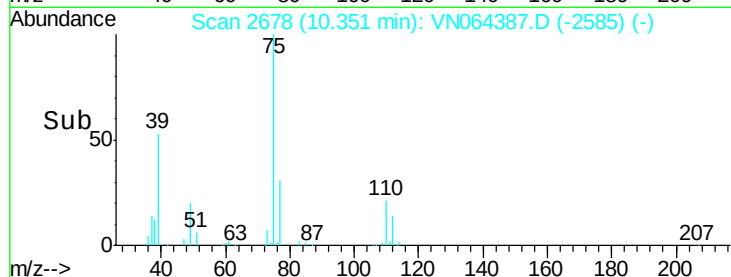
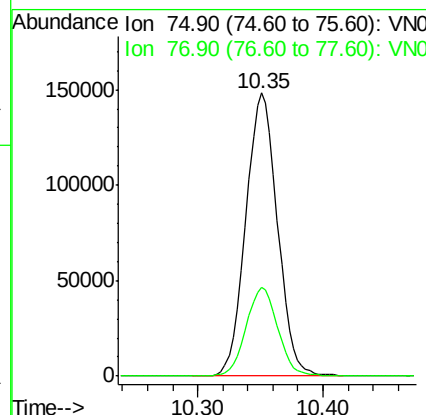
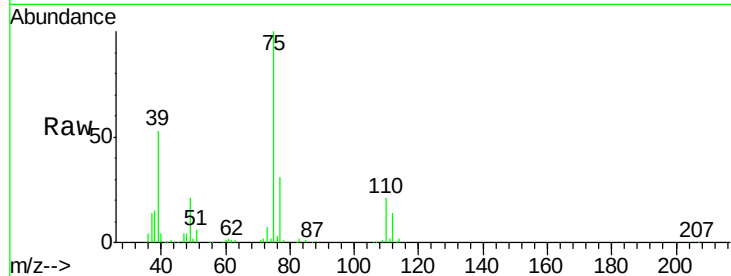
#53
t-1,3-Dichloropropene
Concen: 46.750 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 260243
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2

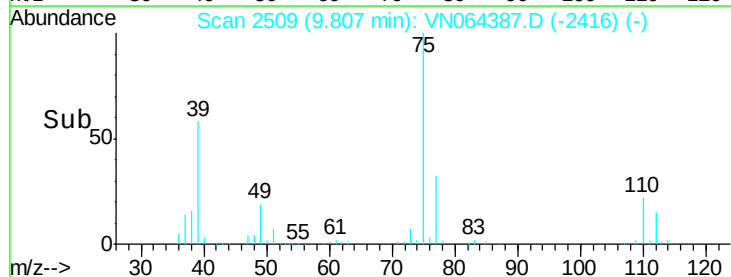
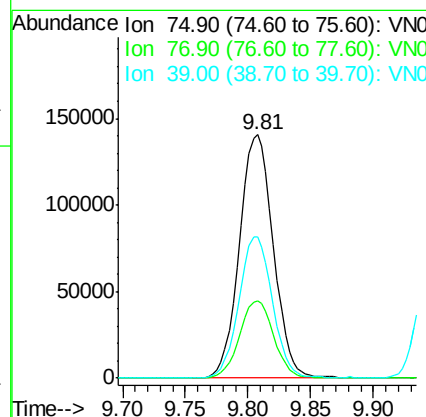
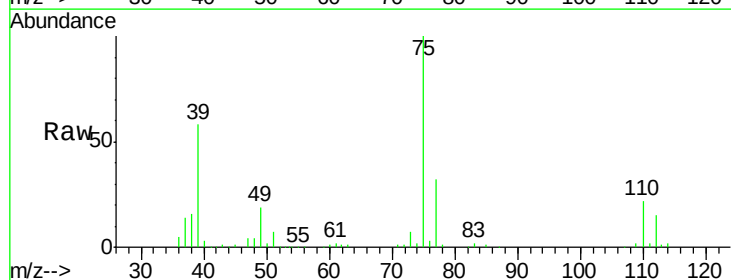
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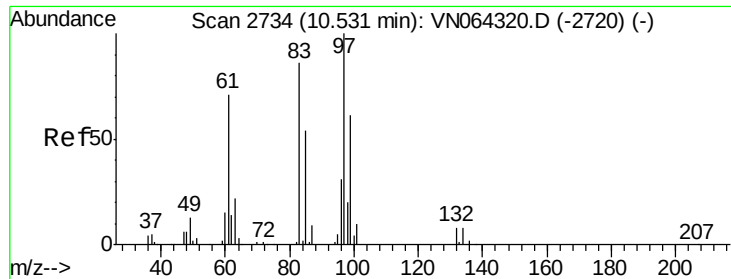
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#54
cis-1,3-Dichloropropene
Concen: 46.152 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion: 75 Resp: 264465
Ion Ratio Lower Upper
75 100
77 32.0 25.0 37.4
39 57.5 45.5 68.3





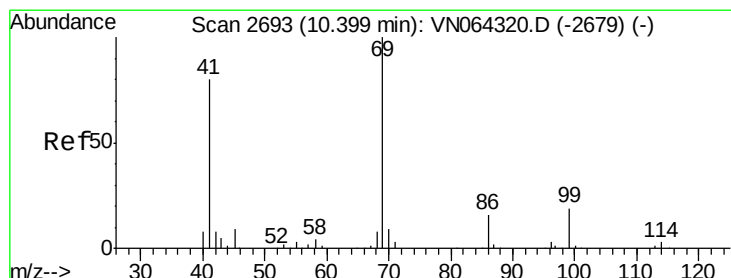
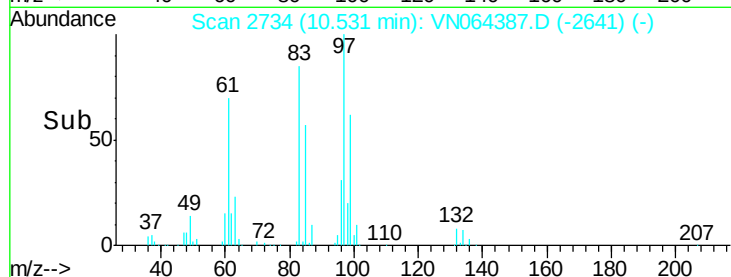
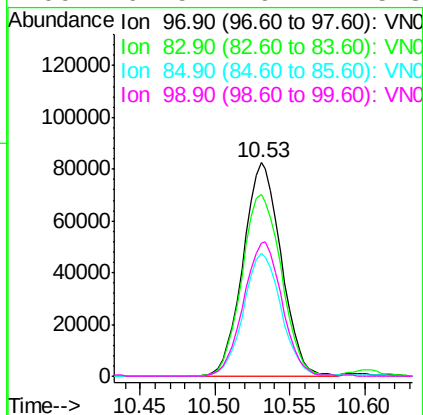
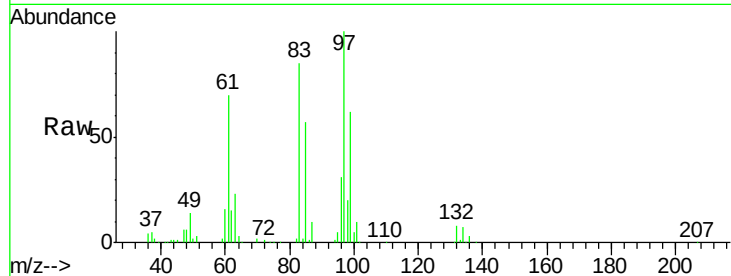
#55
 1,1,2-Trichloroethane
 Concen: 46.393 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	146540
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.9	103.3
85	57.4	43.6	65.4
99	62.5	49.2	73.8

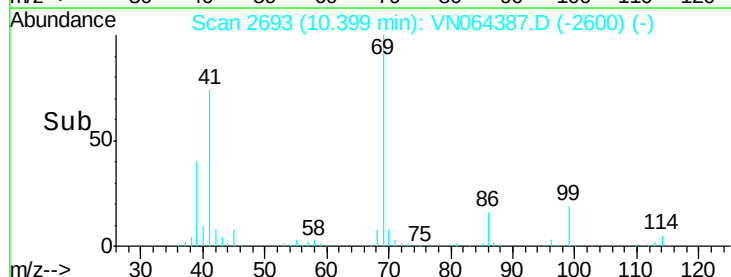
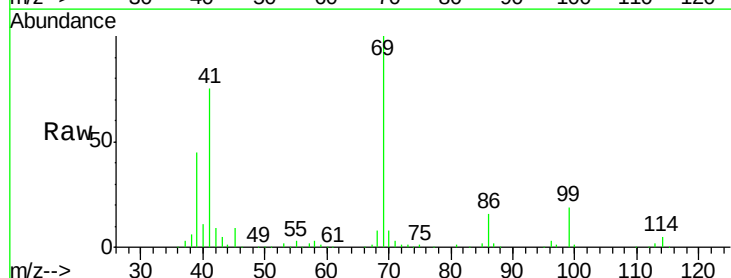
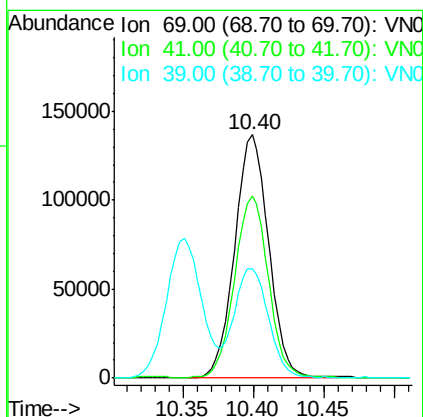
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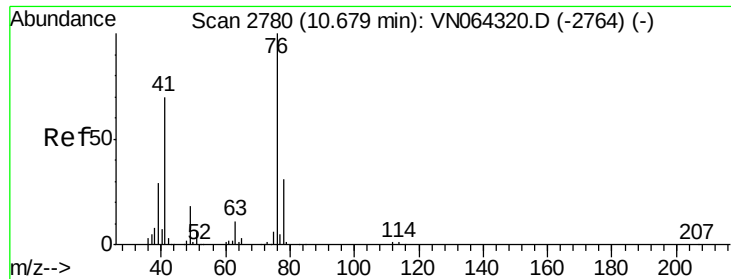
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#56
 Ethyl methacrylate
 Concen: 48.499 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion:	69	Resp:	231895
Ion	Ratio	Lower	Upper
69	100		
41	74.1	61.4	92.2
39	45.5	36.5	54.7





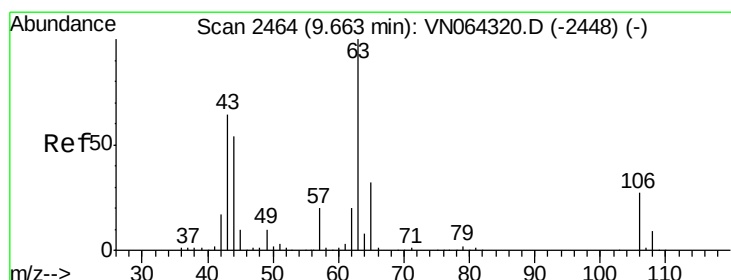
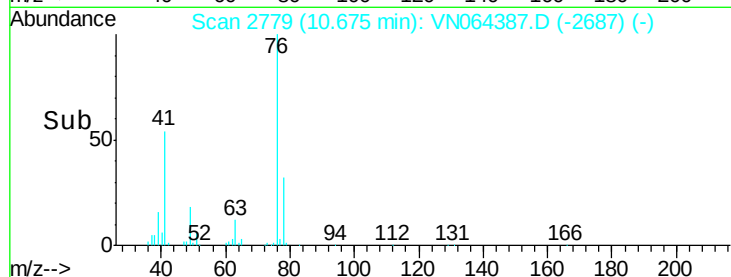
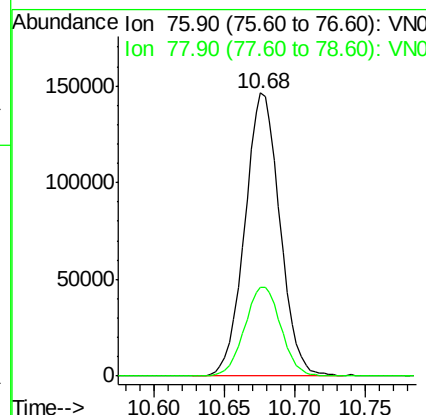
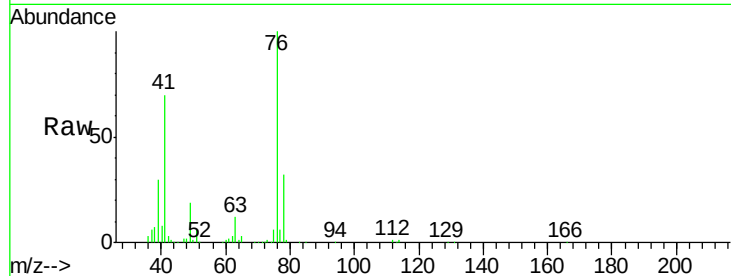
#57
 1,3-Dichloropropane
 Concen: 47.322 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 254978
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6

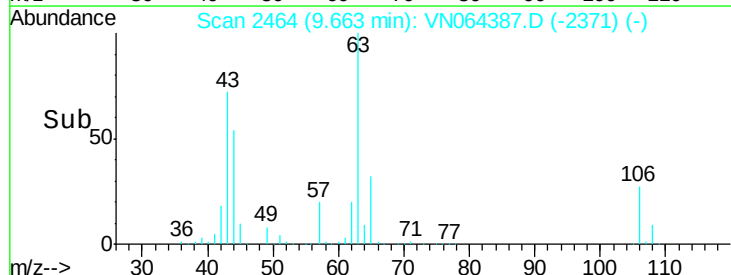
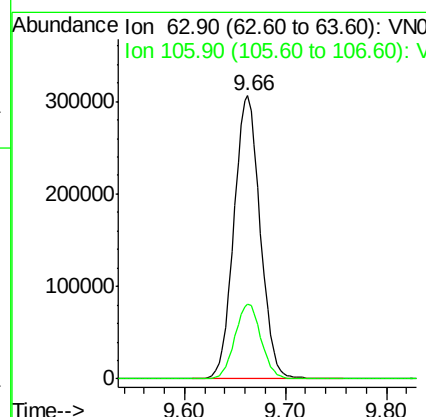
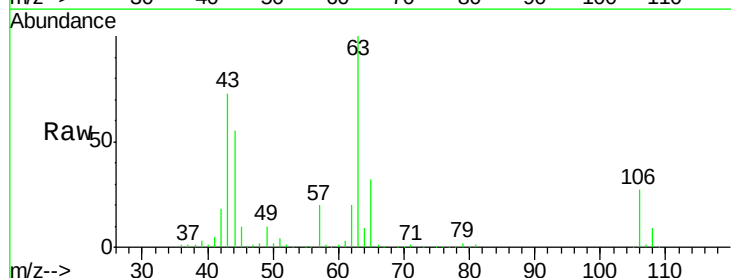
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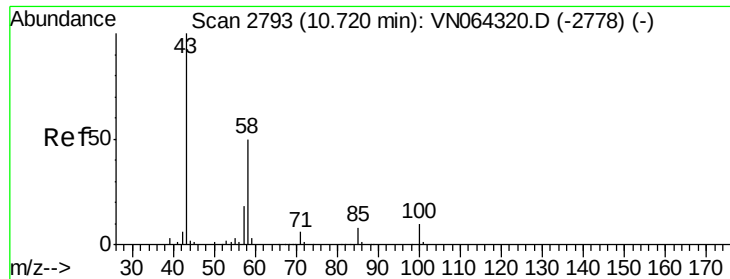
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#58
 2-Chloroethyl Vinyl ether
 Concen: 212.500 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion: 63 Resp: 554452
 Ion Ratio Lower Upper
 63 100
 106 26.4 21.0 31.4





#59

2-Hexanone

Concen: 228.209 ug/l

RT: 10.72 min Scan# 2793

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 768537

Ion Ratio Lower Upper

43 100

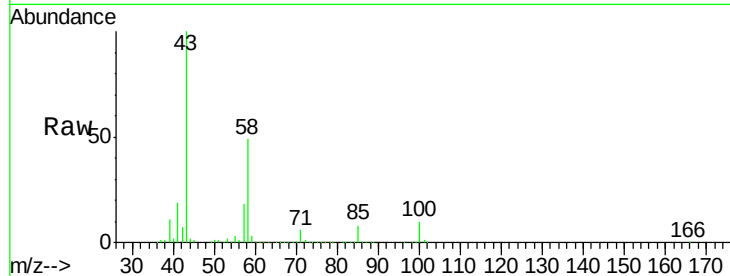
58 49.4 25.0 75.0

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Abundance Ion 43.00 (42.70 to 43.70): VN064320.D (-2778) (-)

Ion 58.00 (57.70 to 58.70): VN064320.D (-2778) (-)

10.72

500000

400000

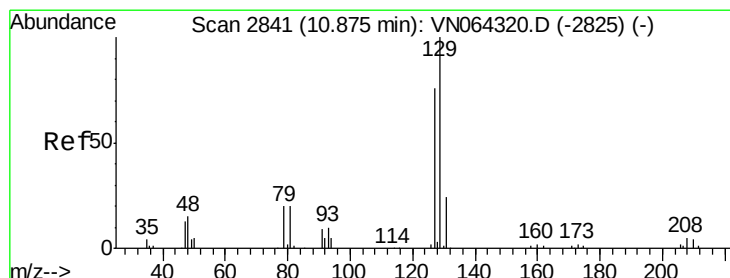
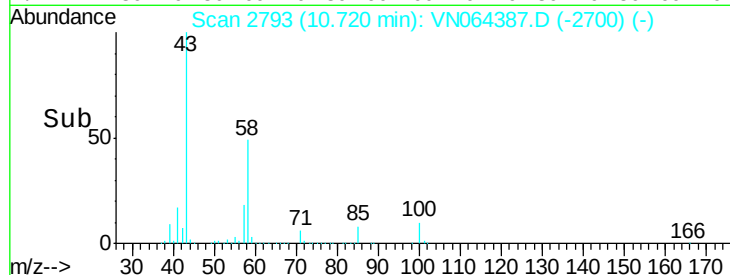
300000

200000

100000

0

Time-->



#60

Dibromochloromethane

Concen: 47.743 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. -0.00 min

Lab File: VN064387.D

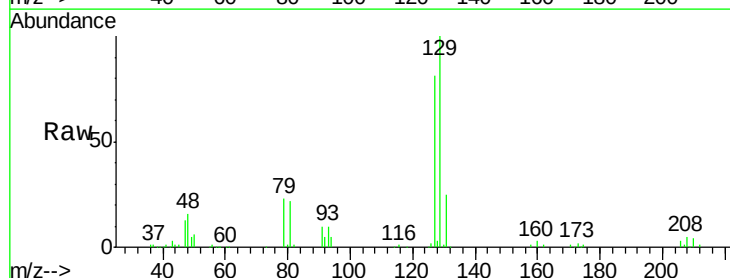
Acq: 29 Oct 2020 20:30

Tgt Ion: 129 Resp: 178303

Ion Ratio Lower Upper

129 100

127 79.1 38.5 115.3



Abundance Ion 128.80 (128.50 to 129.50): VN064320.D (-2825) (-)

Ion 126.80 (126.50 to 127.50): VN064320.D (-2825) (-)

10.87

100000

80000

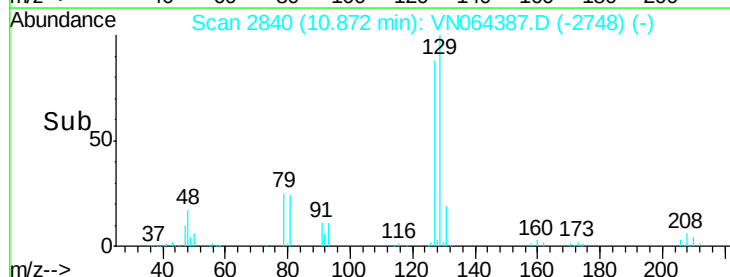
60000

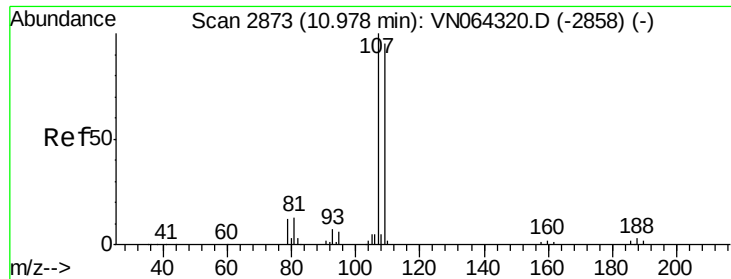
40000

20000

0

Time-->





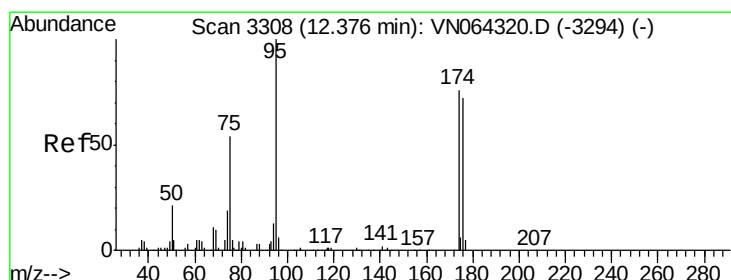
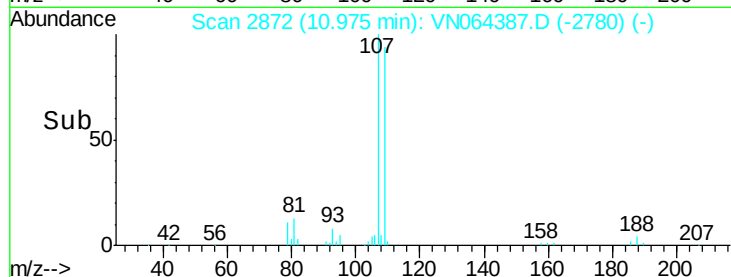
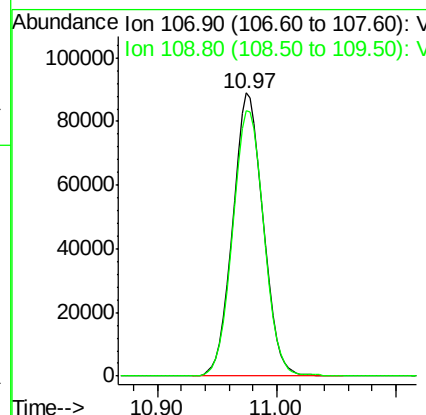
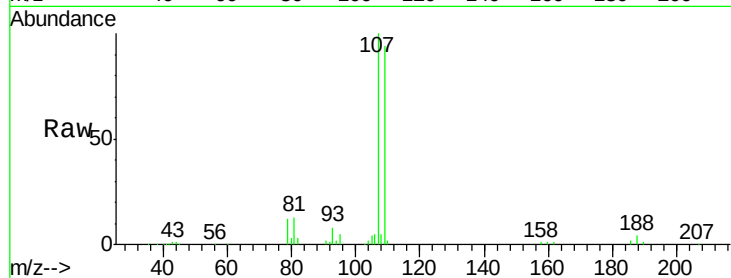
#61
 1,2-Dibromoethane
 Concen: 48.899 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.3	75.8	113.8

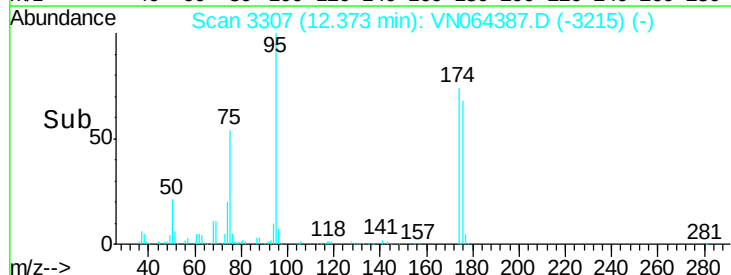
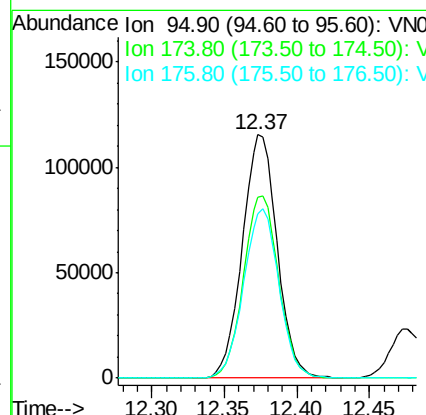
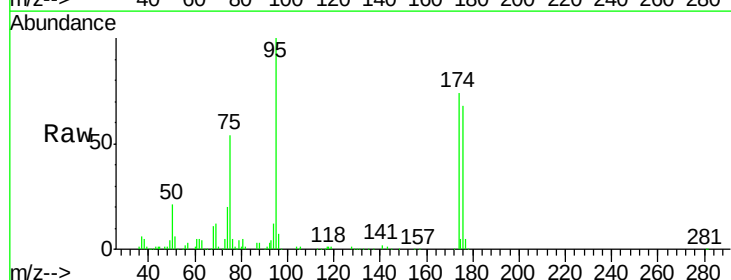
Manual Integrations
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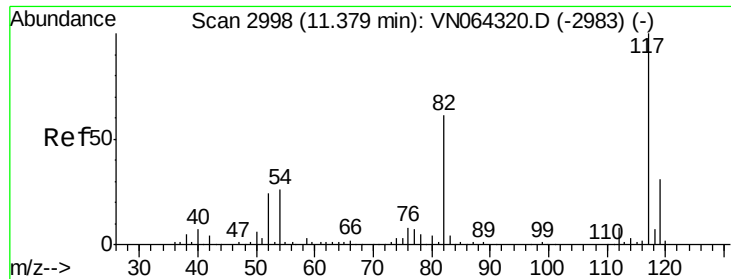
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 44.419 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
95	100		
174	75.7	0.0	147.4
176	70.8	0.0	143.6





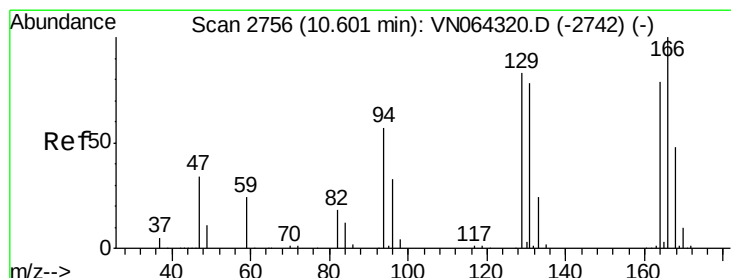
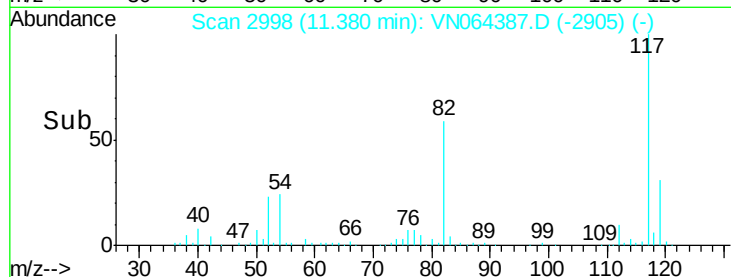
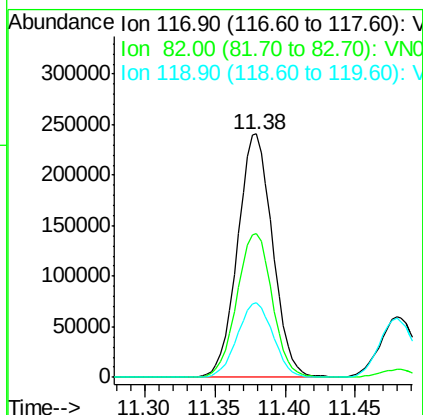
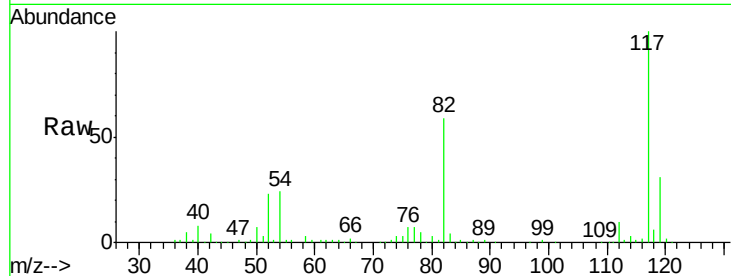
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.3	48.8	73.2
119	30.8	25.1	37.7

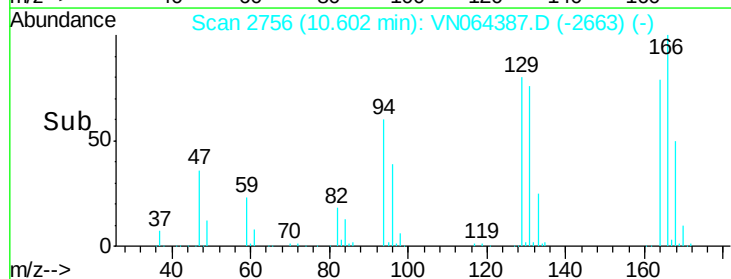
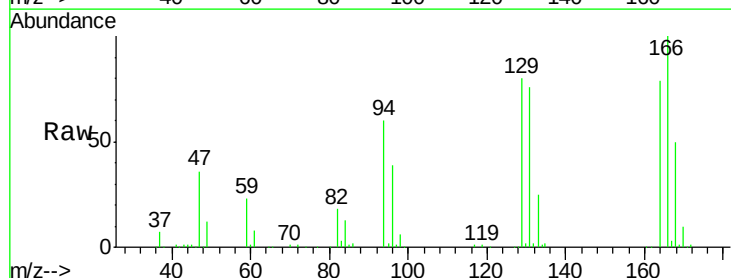
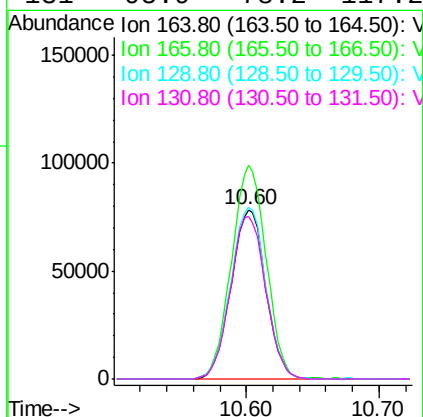
Manual Integrations
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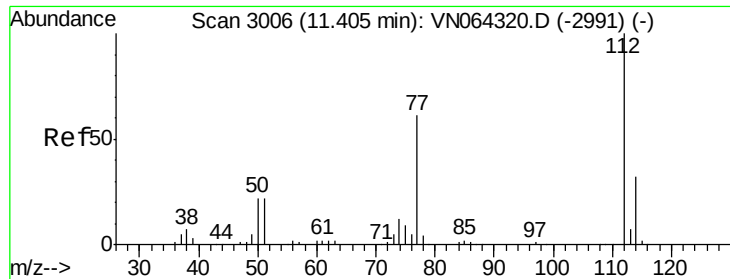
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#64
Tetrachloroethene
Concen: 41.451 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.1	100.7	151.1
129	101.3	83.7	125.5
131	95.9	78.2	117.2





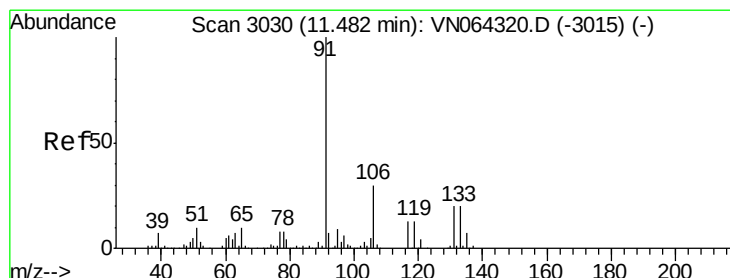
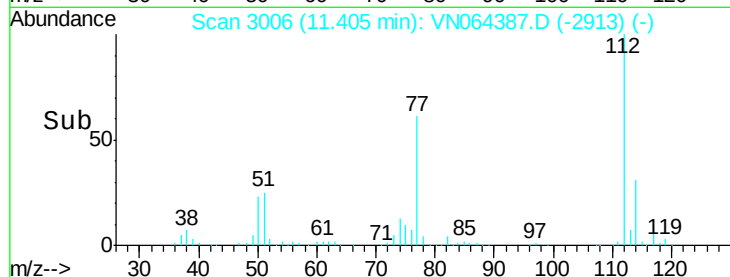
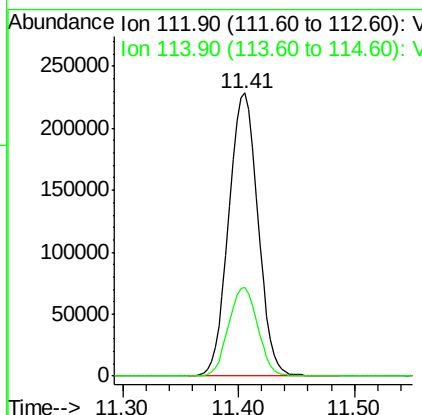
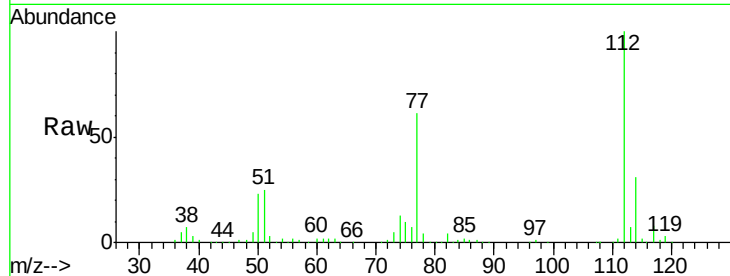
#65
Chlorobenzene
Concen: 46.923 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 398257
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0

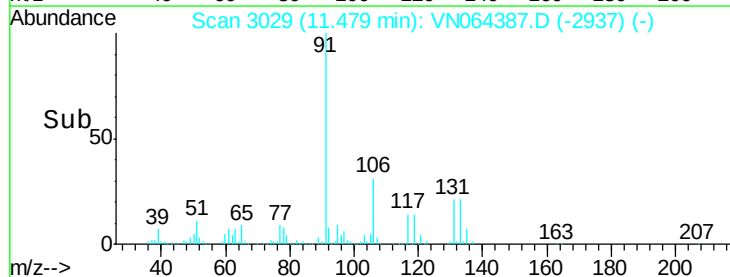
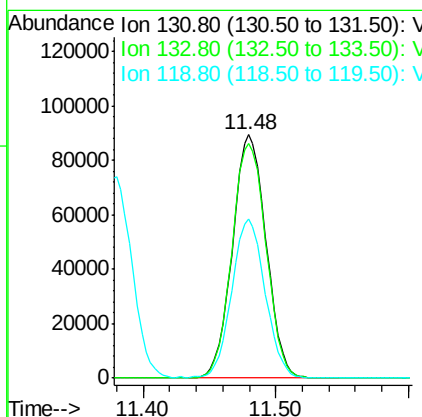
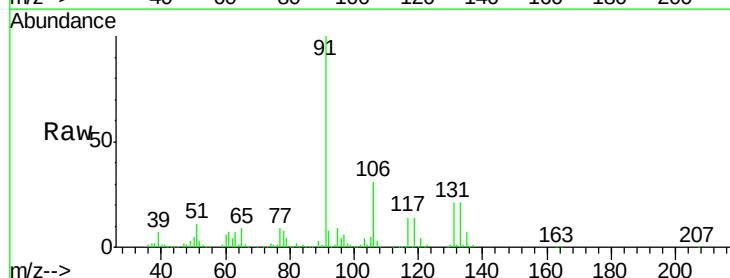
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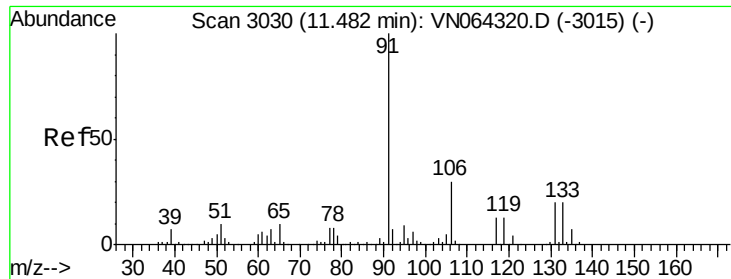
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#66
1,1,1,2-Tetrachloroethane
Concen: 45.864 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion:131 Resp: 157335
Ion Ratio Lower Upper
131 100
133 98.0 49.3 147.8
119 64.2 32.3 96.9





#67

Ethyl Benzene

Concen: 46.068 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 726926

Ion Ratio Lower Upper

91 100

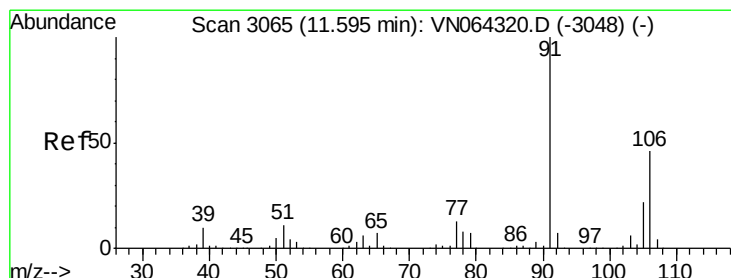
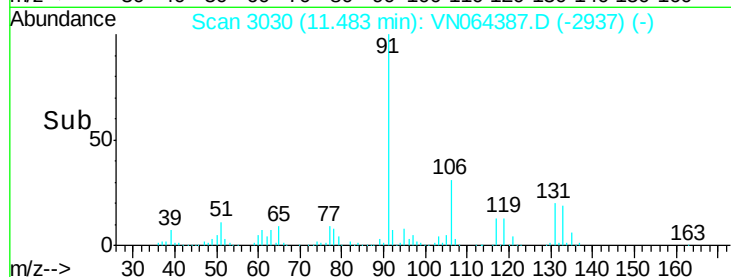
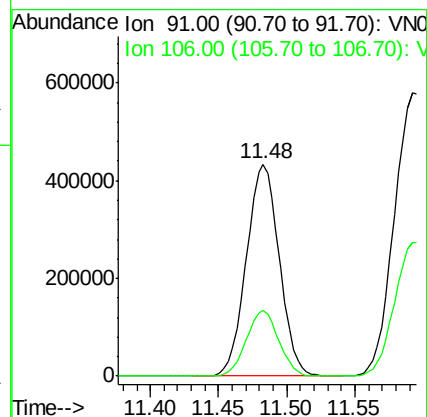
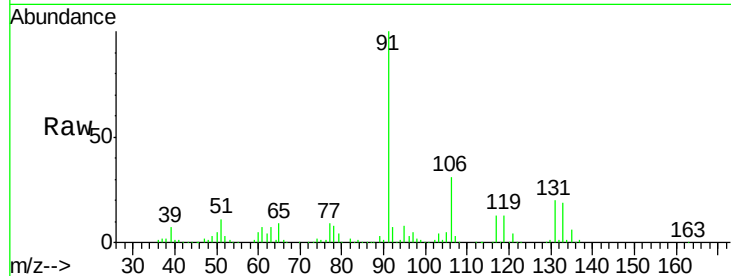
106 31.1 23.7 35.5

Manual Integrations

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#68

m/p-Xylenes

Concen: 90.851 ug/l

RT: 11.59 min Scan# 3064

Delta R.T. -0.00 min

Lab File: VN064387.D

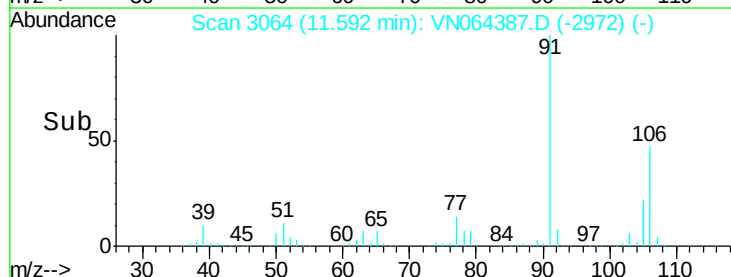
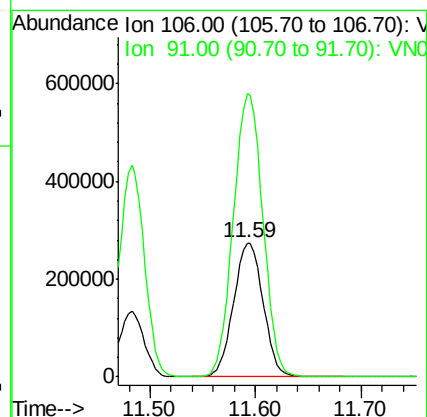
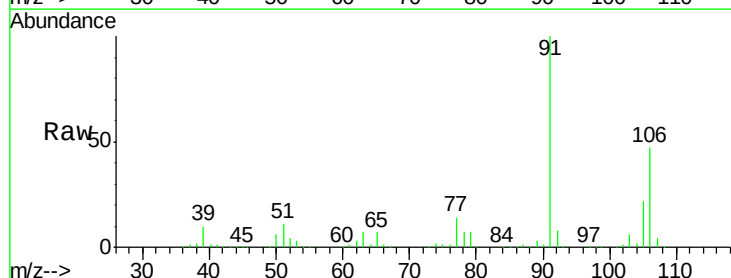
Acq: 29 Oct 2020 20:30

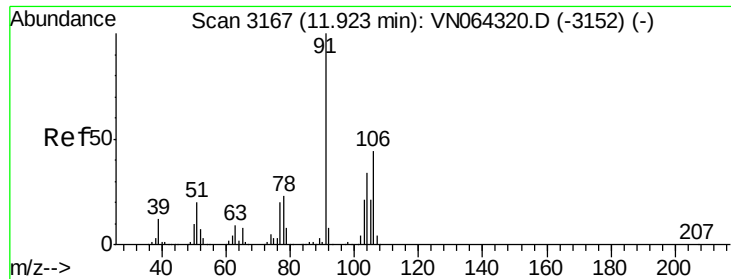
Tgt Ion: 106 Resp: 531264

Ion Ratio Lower Upper

106 100

91 211.7 170.2 255.4





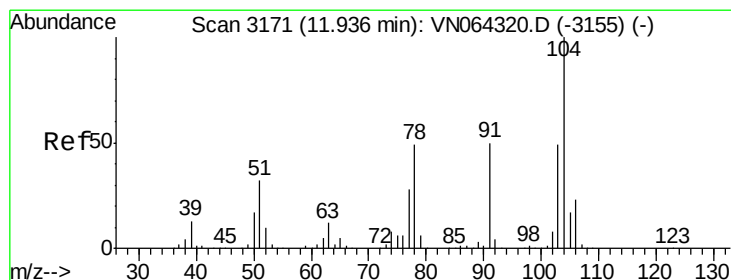
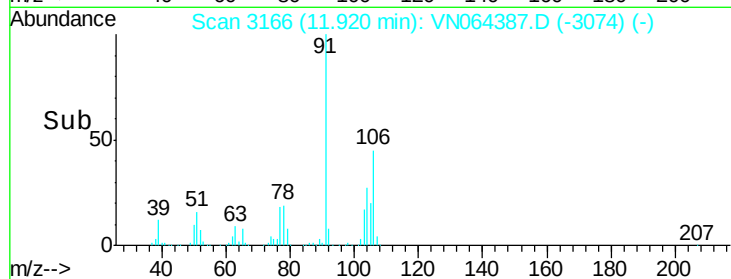
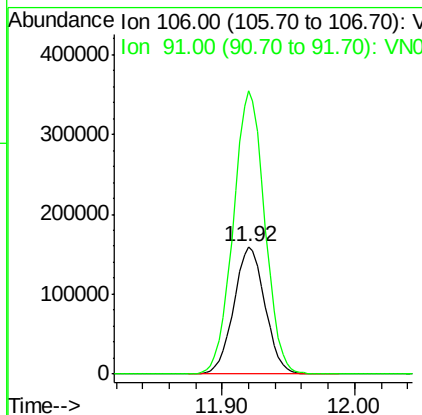
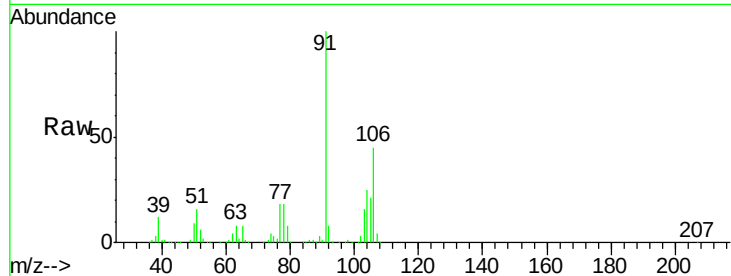
#69
o-Xylene
Concen: 46.092 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		259670		
91	224.8	114.5	343.5		

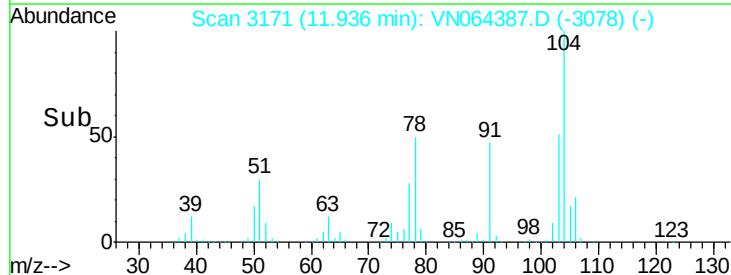
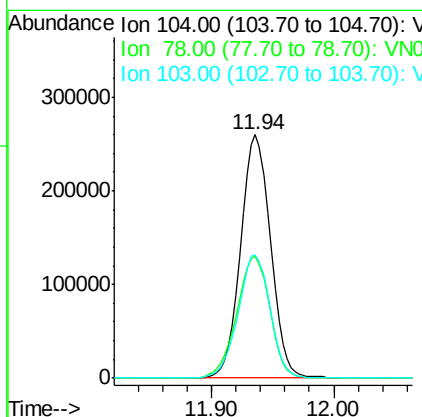
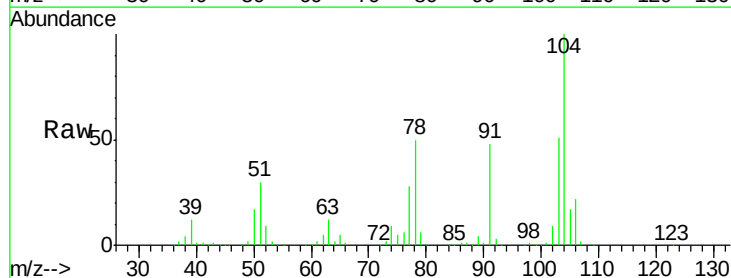
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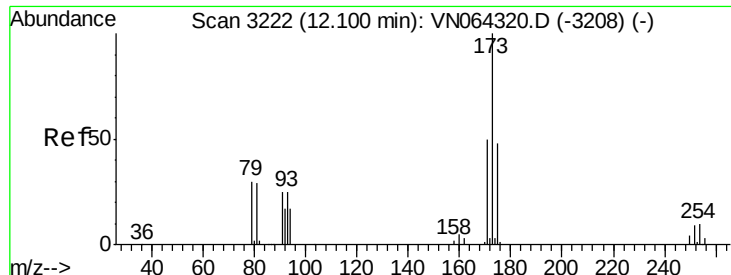
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#70
Styrene
Concen: 47.474 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		438516		
78	55.8	43.7	65.5		
103	54.5	43.3	64.9		





#71

Bromoform

Concen: 46.463 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

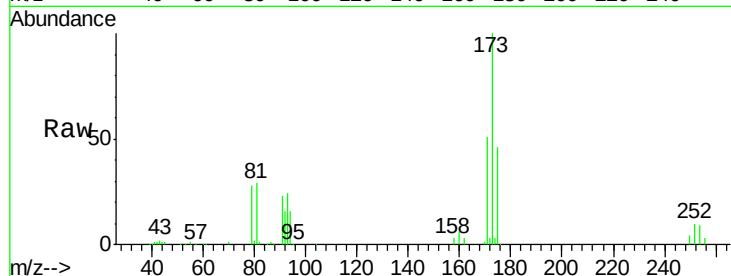
ClientSampleId :

VSTDCCC050EC

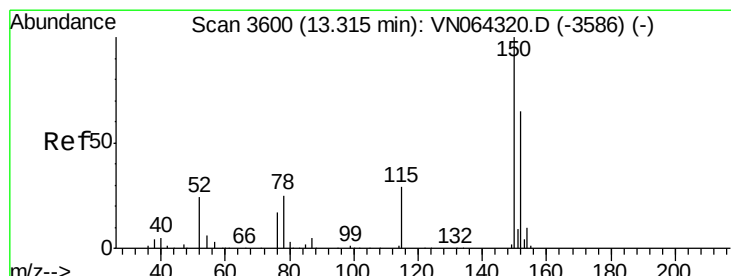
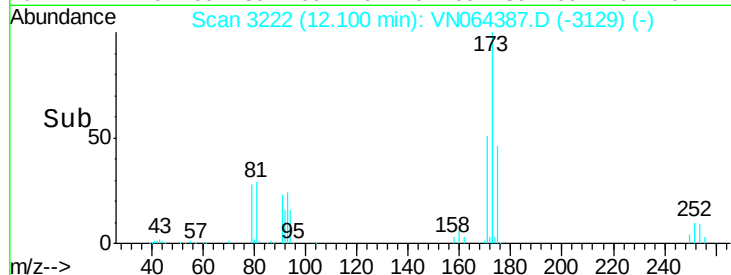
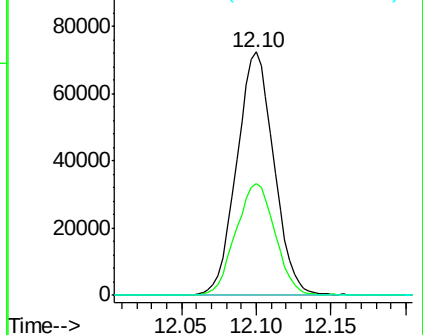
Tot Ion:173	Resp:	125097
Ion Ratio	Lower	Upper
173 100		
175 48.4	25.4	76.0
254 0.0	0.0	0.0

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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

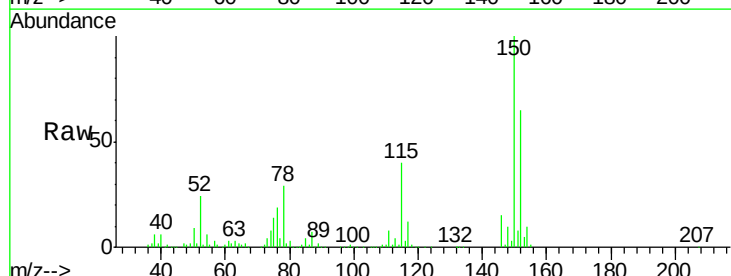
RT: 13.32 min Scan# 3600

Delta R.T. 0.00 min

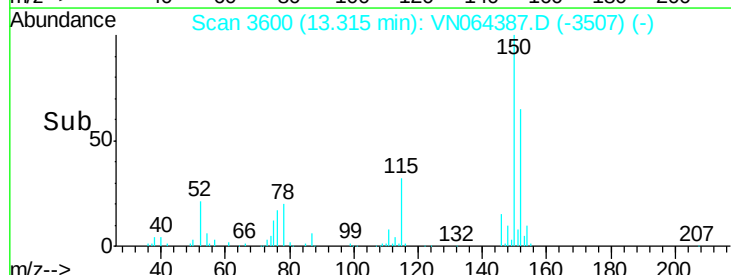
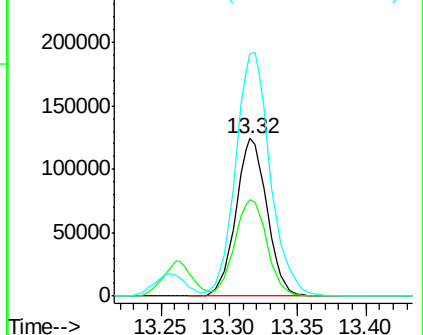
Lab File: VN064387.D

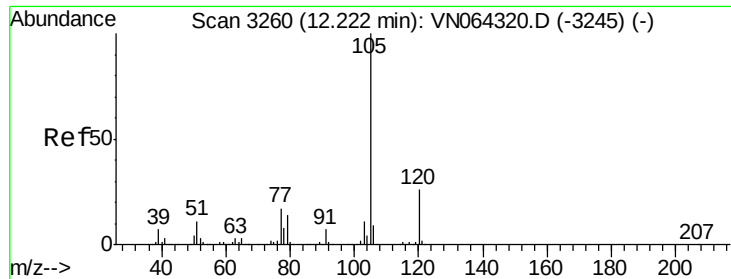
Acq: 29 Oct 2020 20:30

Tgt Ion:152	Resp:	196854
Ion Ratio	Lower	Upper
152 100		
115 63.3	31.5	94.5
150 170.9	0.0	346.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





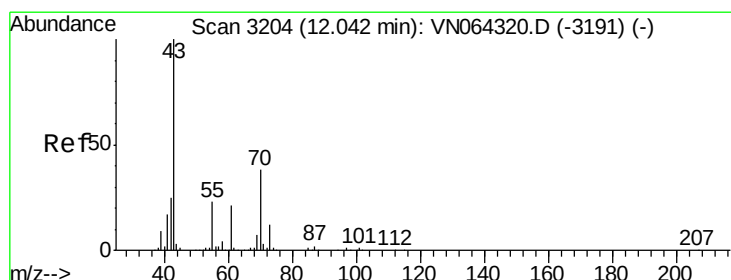
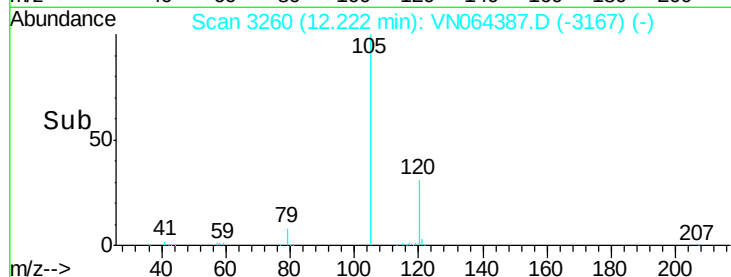
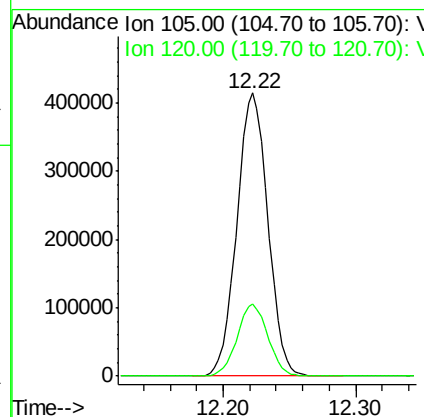
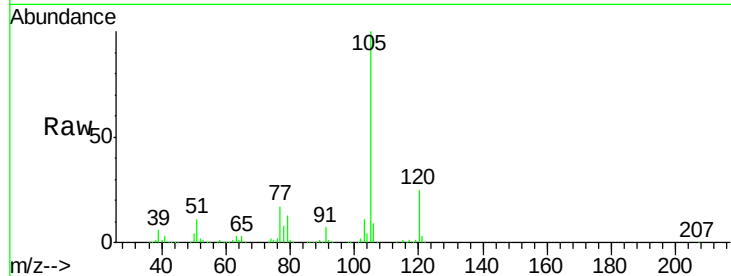
#73
Isopropylbenzene
Concen: 45.567 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
120	25.3	13.2	39.5

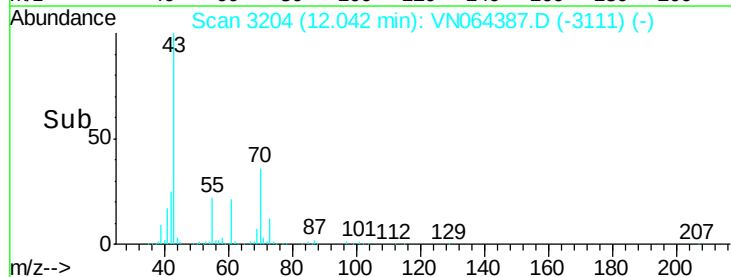
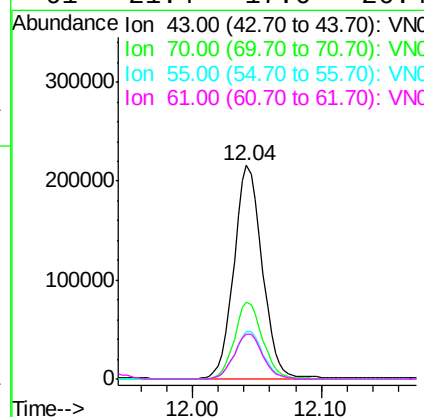
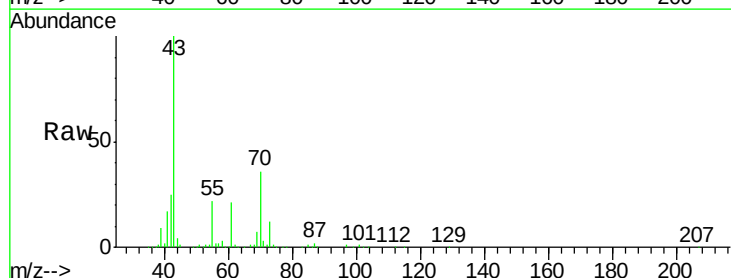
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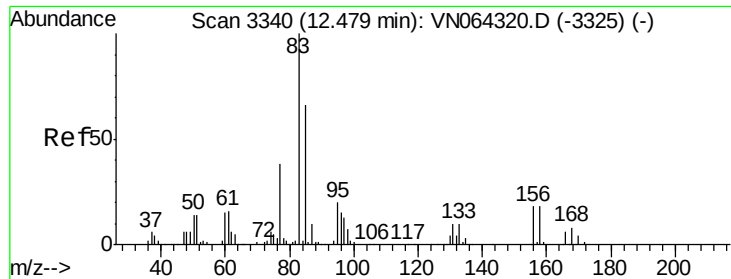
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#74
N-ethyl acetate
Concen: 50.599 ug/l
RT: 12.04 min Scan# 3204
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
43	100		
70	35.8	30.6	45.8
55	22.5	18.2	27.4
61	21.4	17.6	26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 48.340 ug/l

RT: 12.48 min Scan# 3339

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

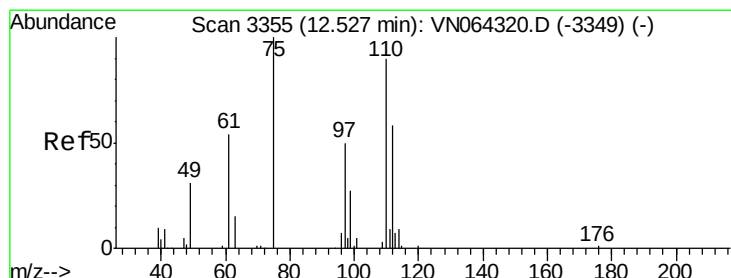
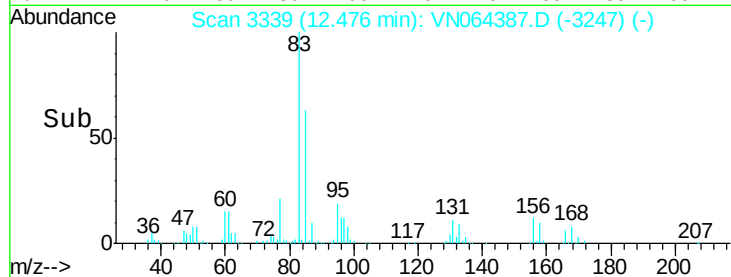
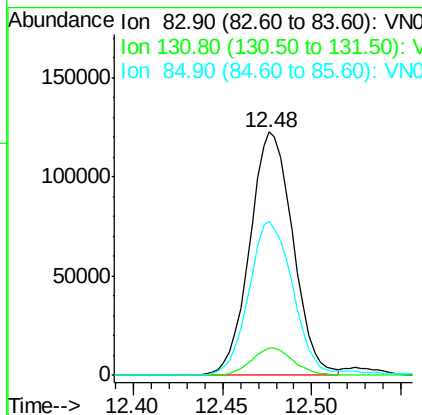
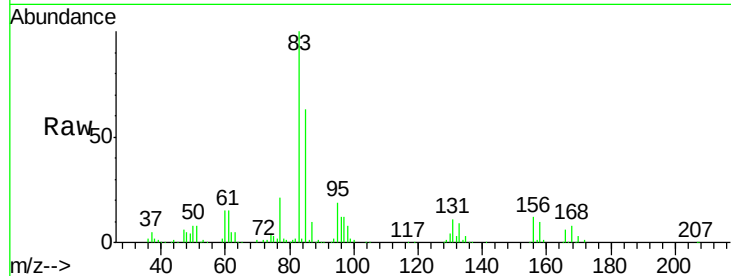
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	207169
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.4	16.2
85	64.4	33.0	98.9

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#76

1,2,3-Trichloropropane

Concen: 41.930 ug/l m

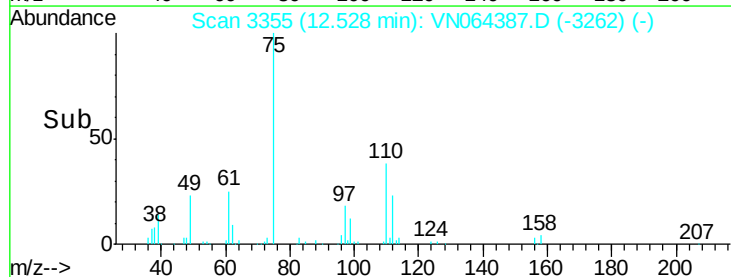
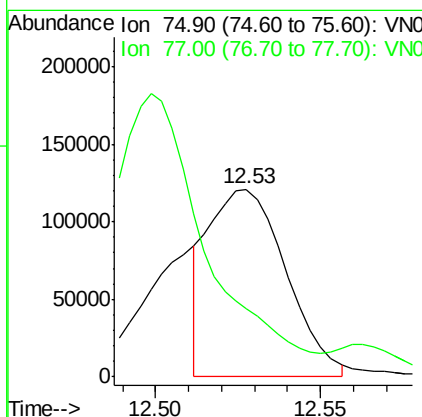
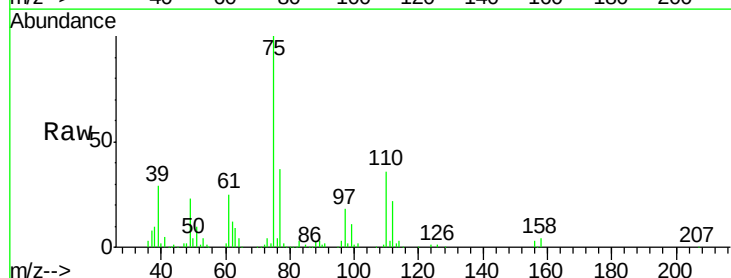
RT: 12.53 min Scan# 3355

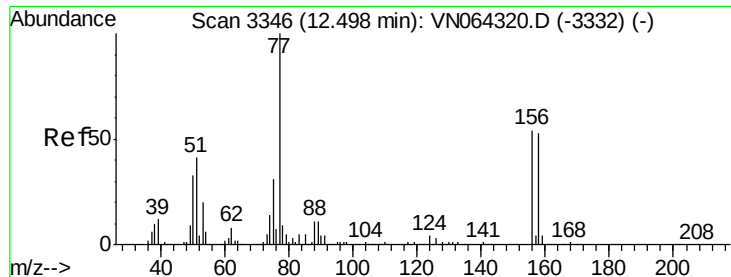
Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	75	Resp:	197661
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 47.116 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

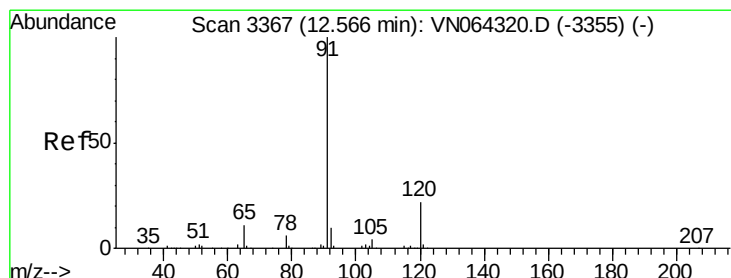
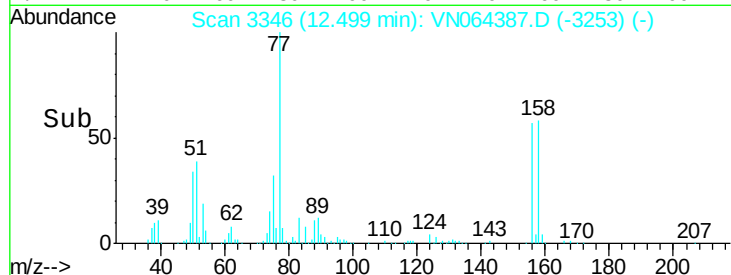
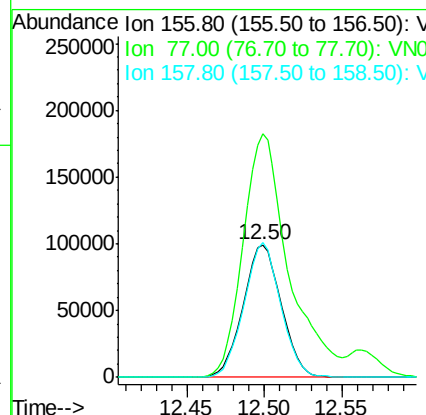
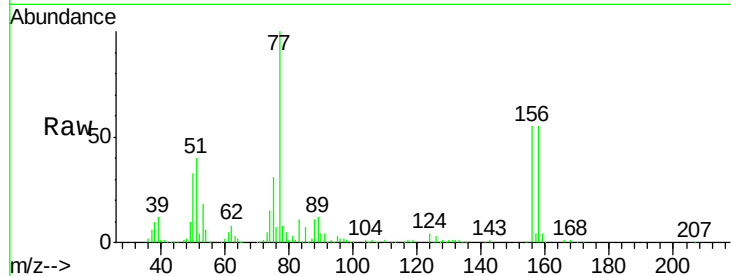
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	170106
Ion Ratio	Lower	Upper	
156	100		
77	219.9	111.9	335.7
158	98.3	49.0	147.0

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#78

n-propylbenzene

Concen: 44.235 ug/l

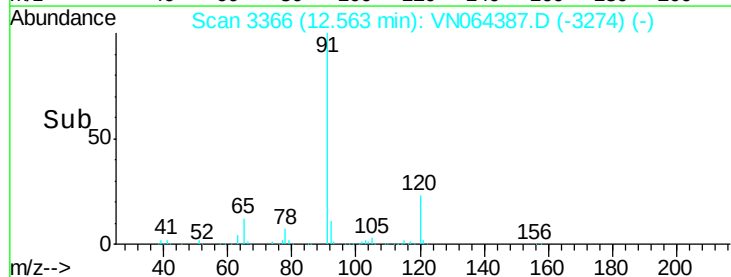
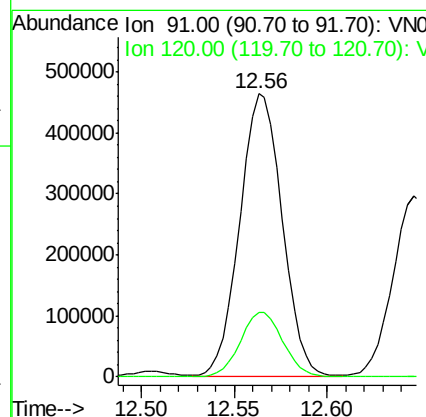
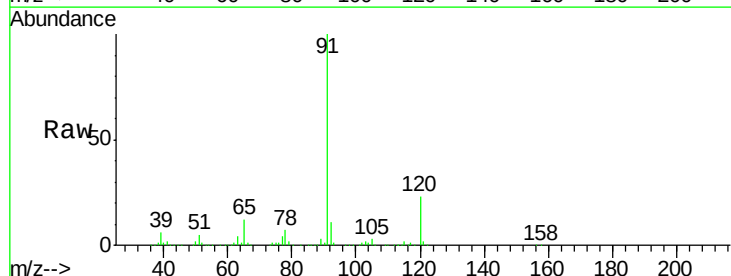
RT: 12.56 min Scan# 3366

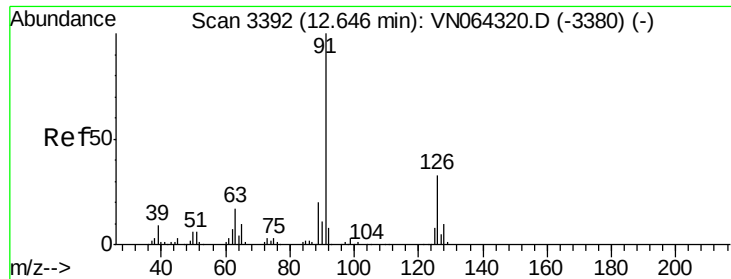
Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Tgt Ion:	91	Resp:	738376
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.2	33.5





#79

2-Chlorotoluene

Concen: 45.339 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 483784

Ion Ratio Lower Upper

91 100

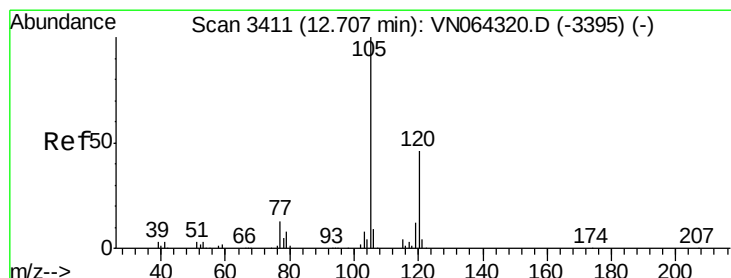
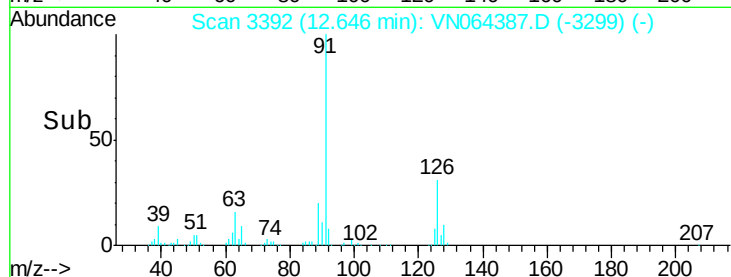
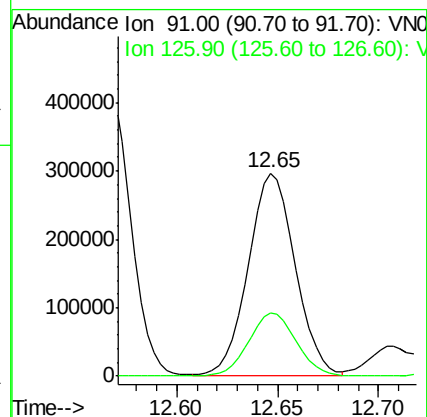
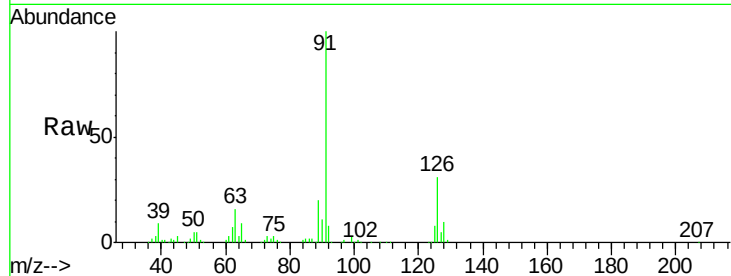
126 31.6 16.2 48.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 44.219 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064387.D

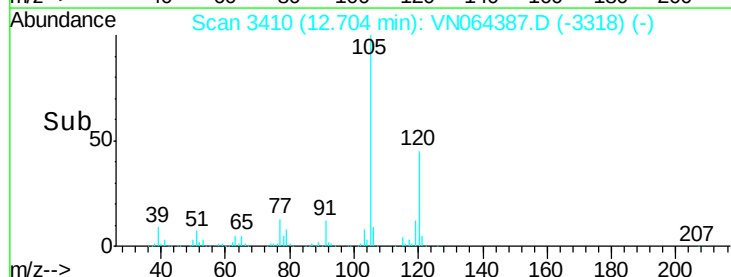
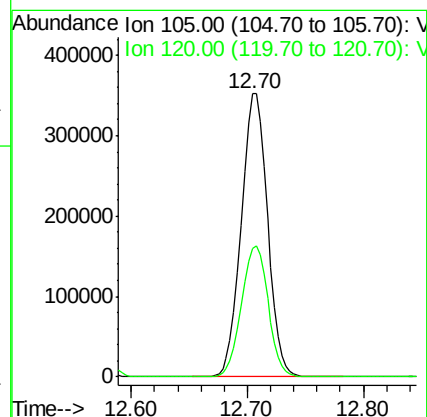
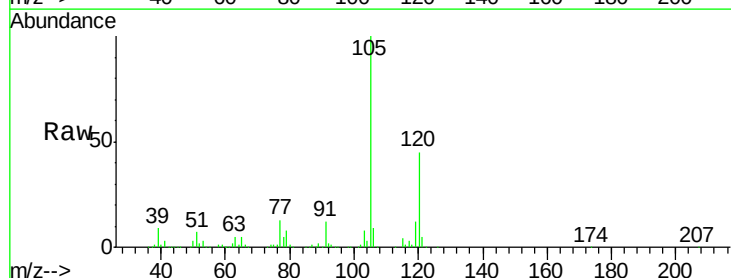
Acq: 29 Oct 2020 20:30

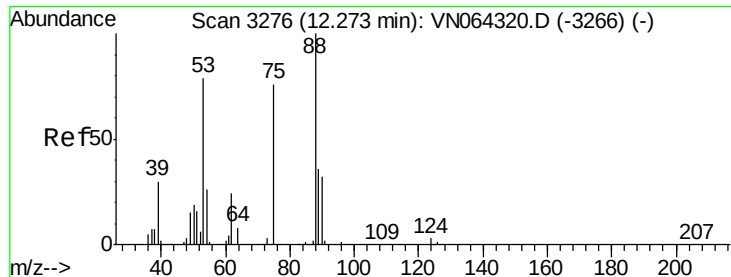
Tgt Ion: 105 Resp: 551650

Ion Ratio Lower Upper

105 100

120 47.2 22.9 68.8





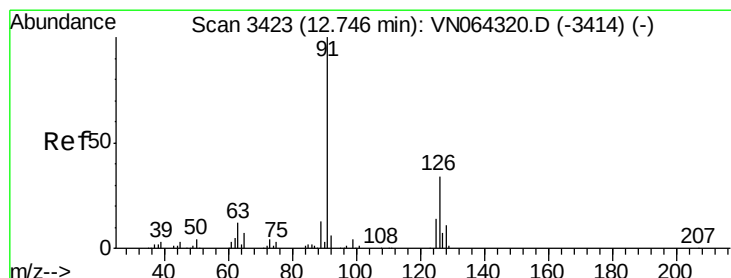
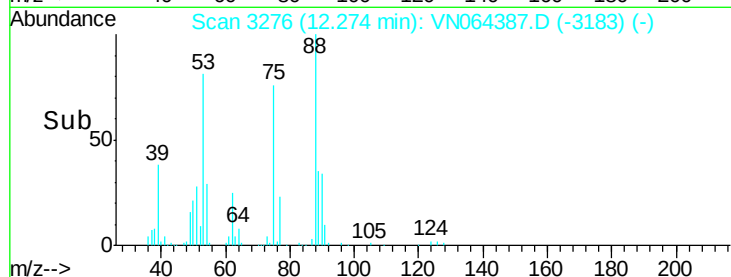
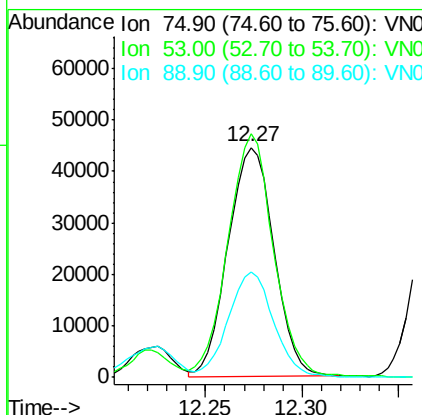
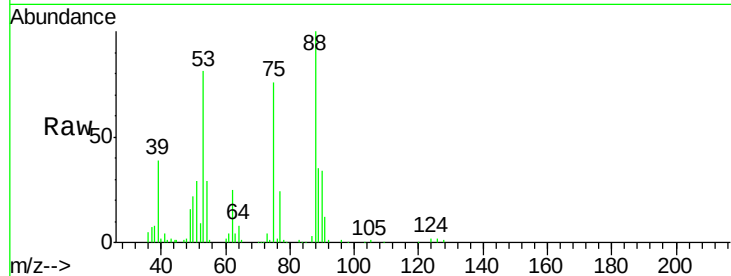
#81
trans-1,4-Dichloro-2-butene
Concen: 44.880 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.4	81.8	122.8
89	45.4	39.9	59.9

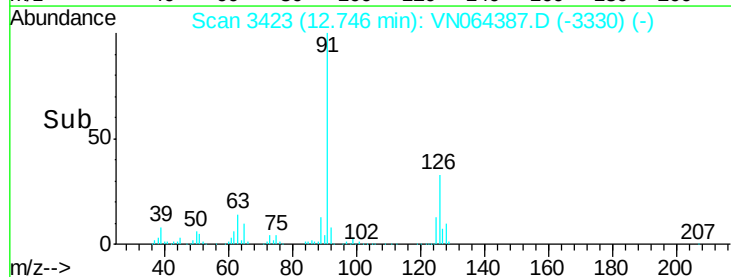
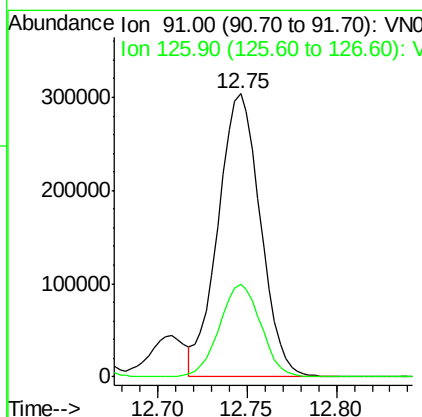
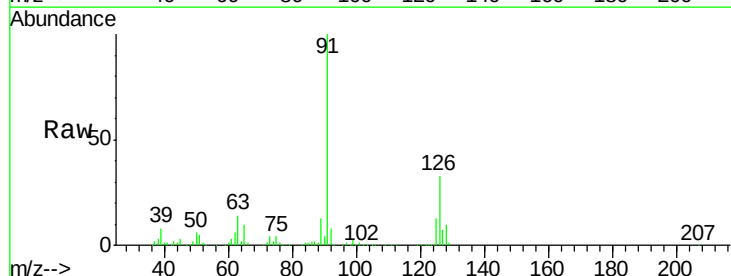
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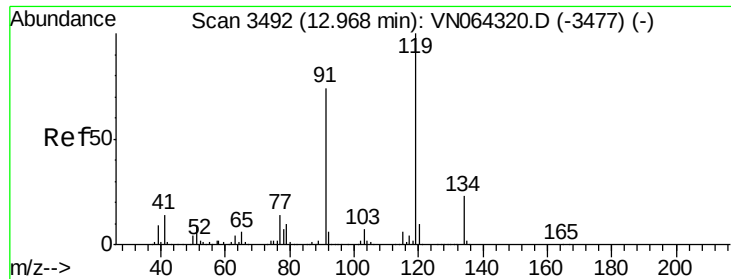
MMDadoda
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#82
4-Chlorotoluene
Concen: 45.804 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	15.8	47.3





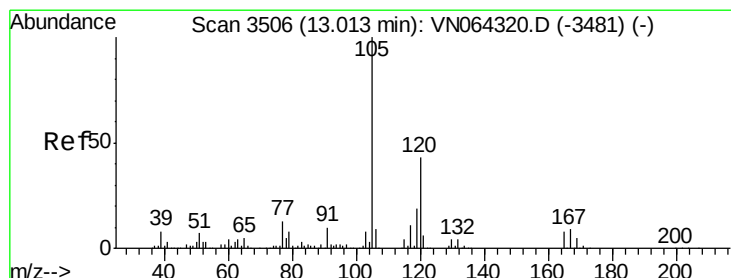
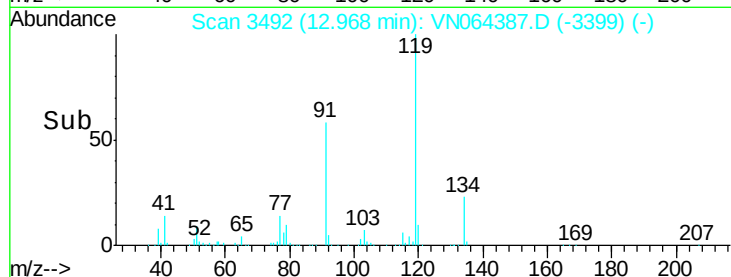
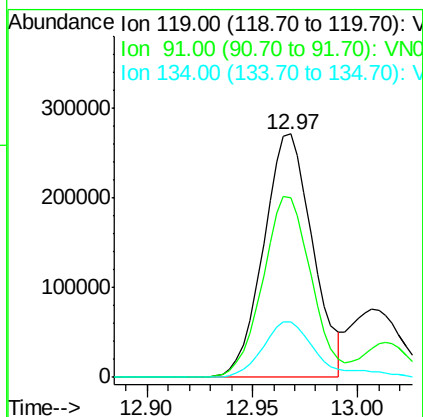
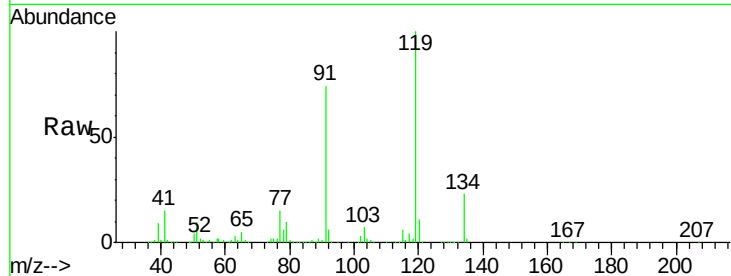
#83
 tert-Butylbenzene
 Concen: 42.948 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	73.4	36.4	109.1
134	25.5	12.0	36.1

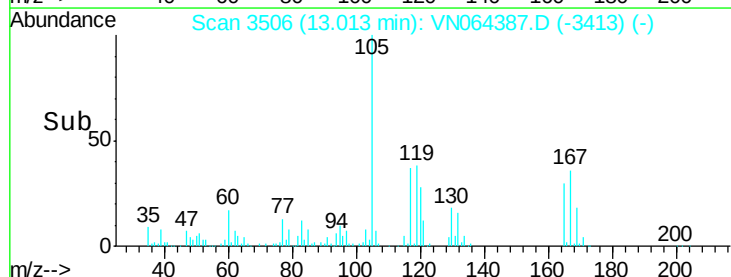
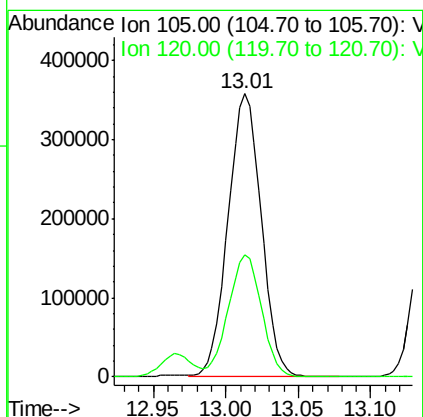
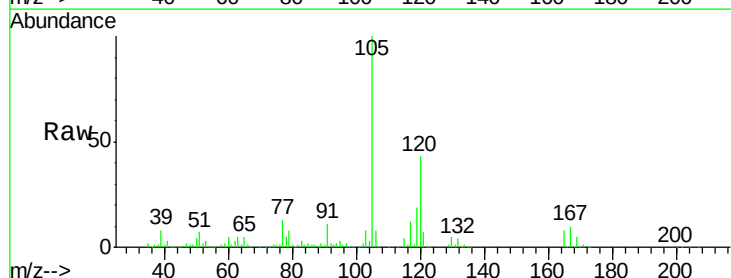
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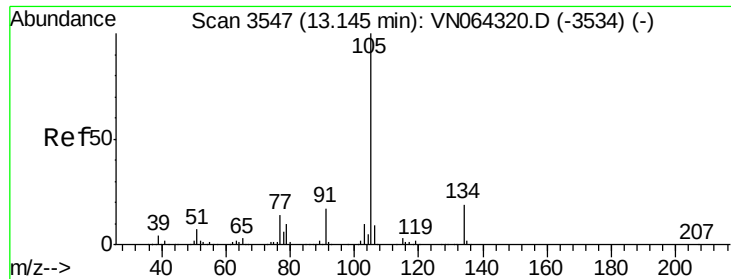
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.575 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.1	21.3	64.0





#85

sec-Butylbenzene

Concen: 43.111 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 571116

Ion Ratio Lower Upper

105 100

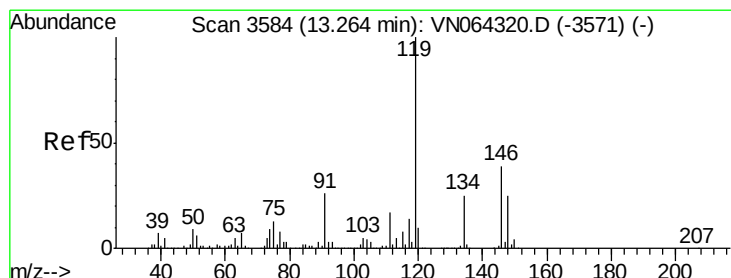
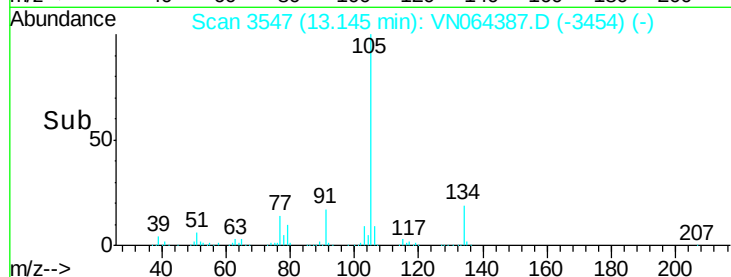
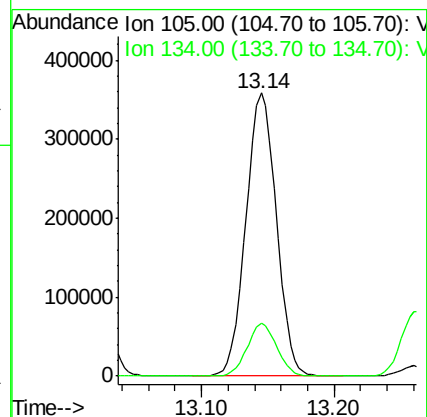
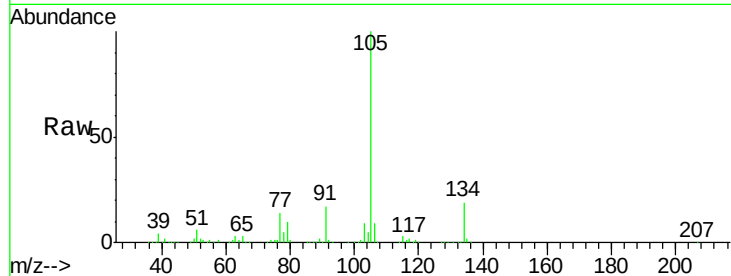
134 18.1 9.6 28.8

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#86

p-Isopropyltoluene

Concen: 43.634 ug/l

RT: 13.26 min Scan# 3583

Delta R.T. -0.00 min

Lab File: VN064387.D

Acq: 29 Oct 2020 20:30

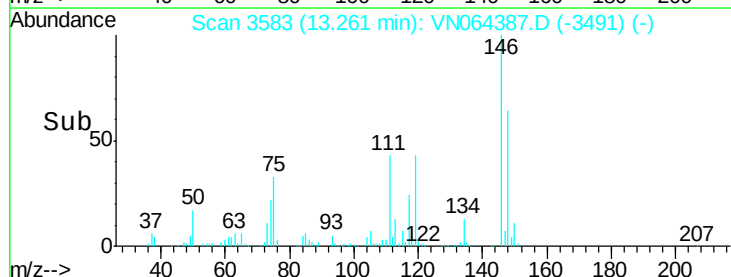
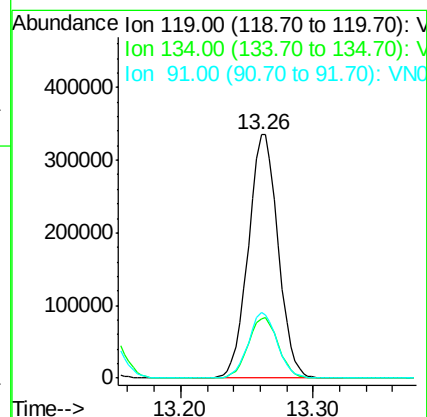
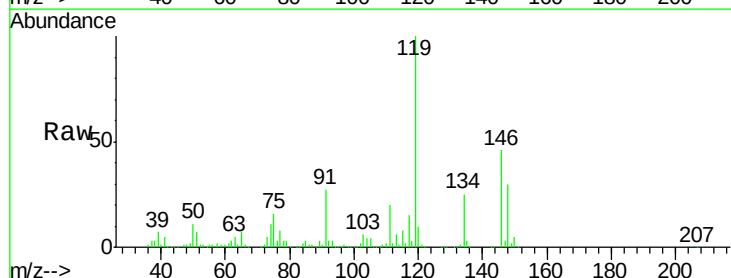
Tgt Ion:119 Resp: 520758

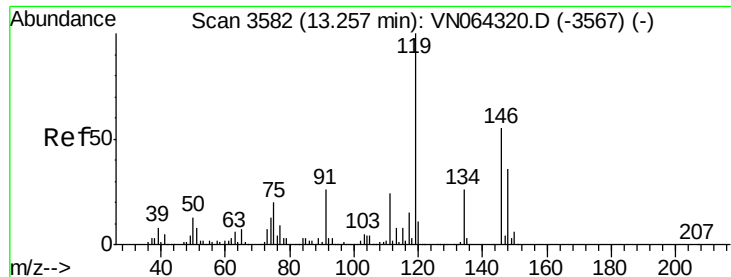
Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

91 26.6 13.0 38.9





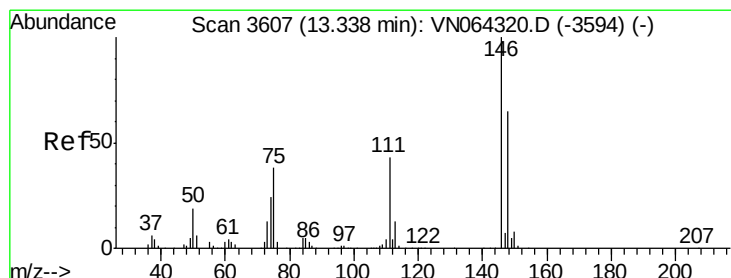
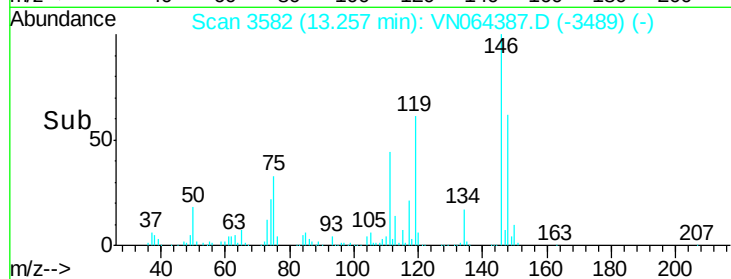
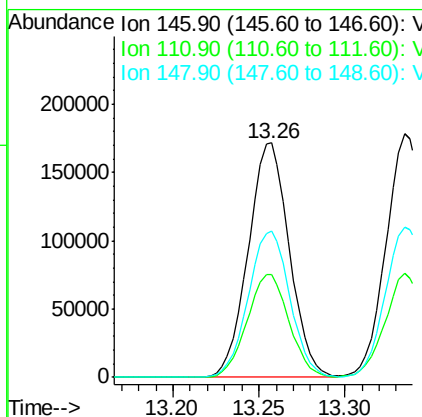
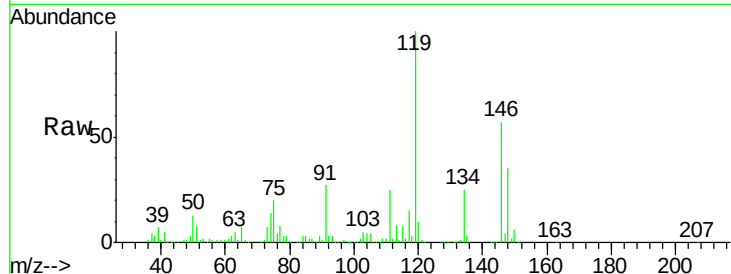
#87
 1,3-Dichlorobenzene
 Concen: 44.958 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.5	21.9	65.5
148	63.1	32.6	98.0

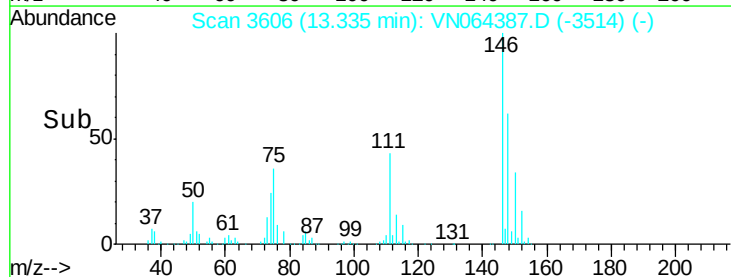
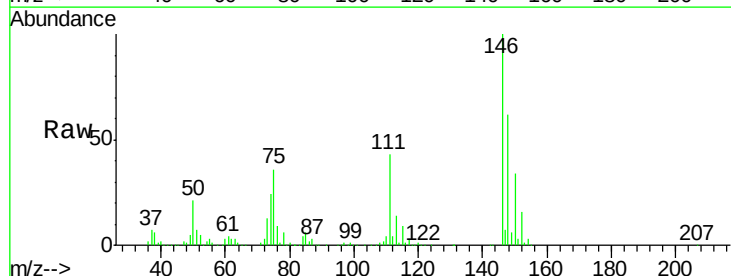
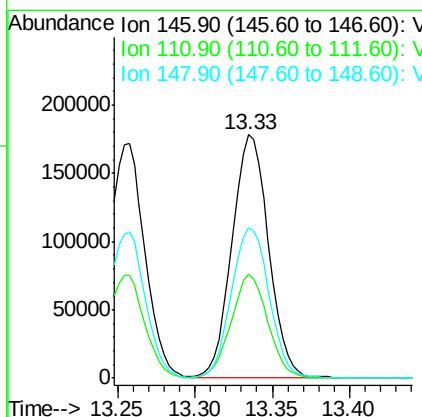
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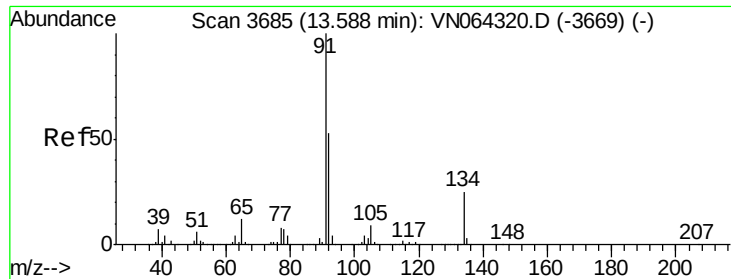
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#88
 1,4-Dichlorobenzene
 Concen: 45.273 ug/l
 RT: 13.33 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.8	21.8	65.4
148	64.1	31.8	95.3





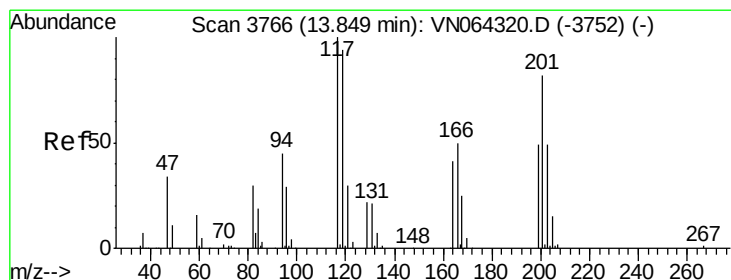
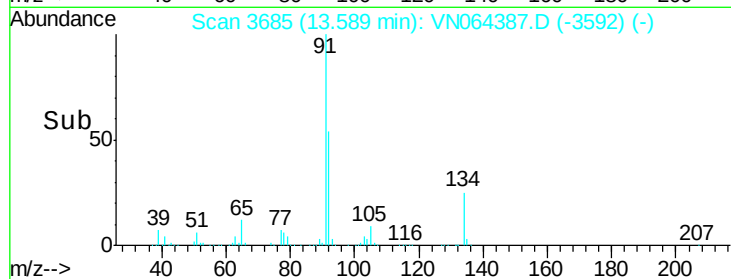
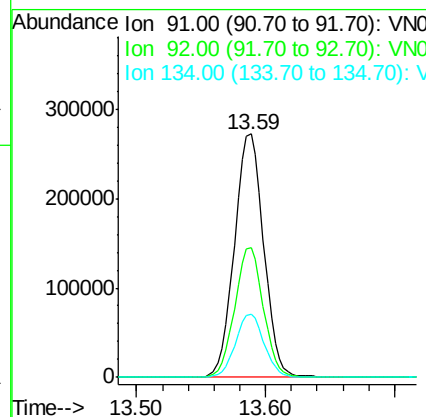
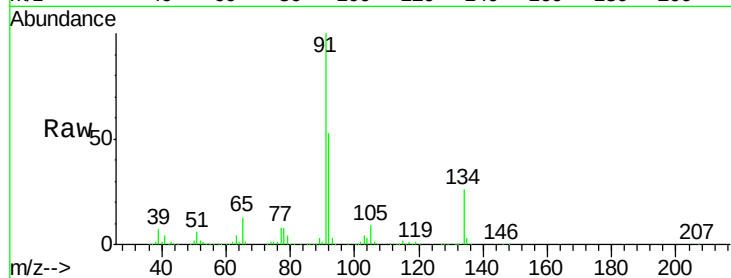
#89
n-Butylbenzene
Concen: 40.826 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.2	78.5
134	25.3	12.4	37.4

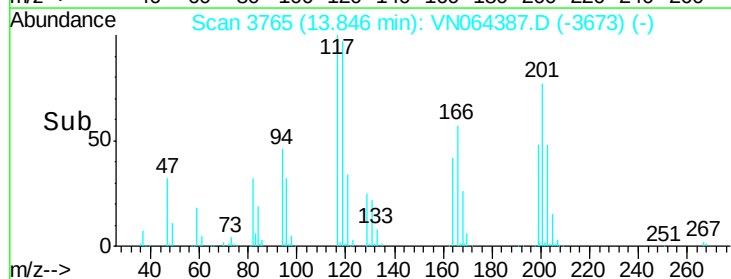
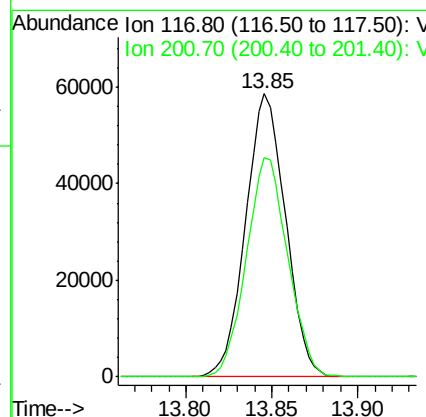
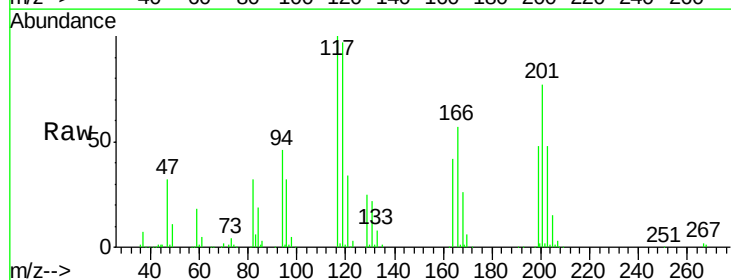
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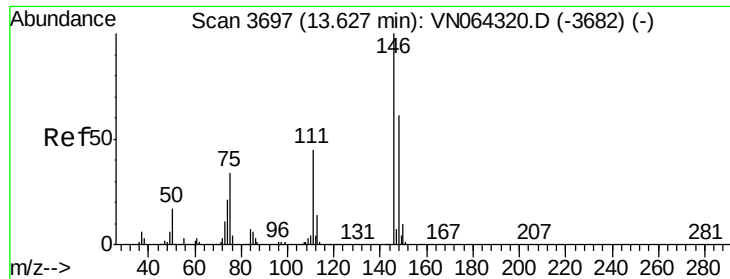
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#90
Hexachloroethane
Concen: 42.137 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.2	39.8	119.3





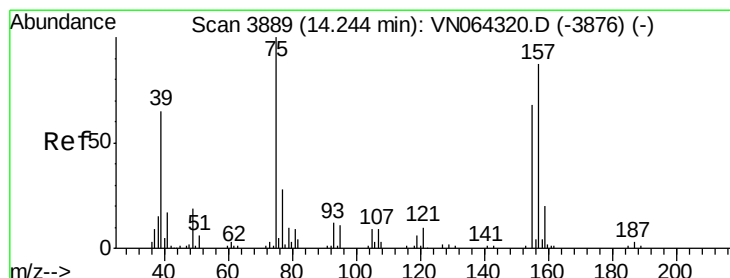
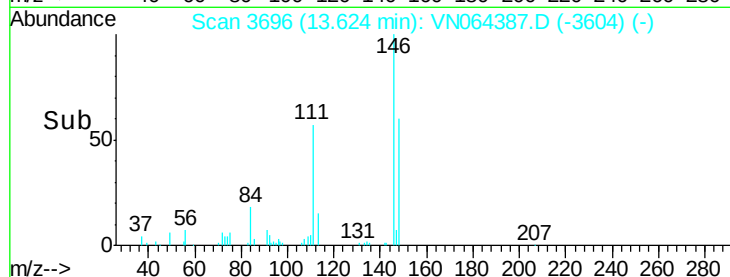
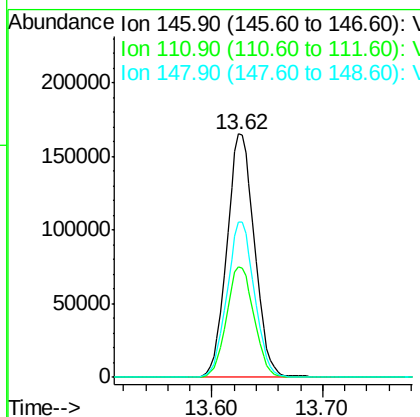
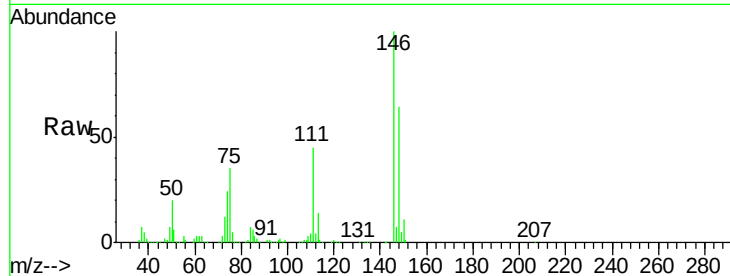
#91
 1,2-Dichlorobenzene
 Concen: 45.689 ug/l
 RT: 13.62 min Scan# 3696
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	23.0	69.0
148	63.5	32.1	96.3

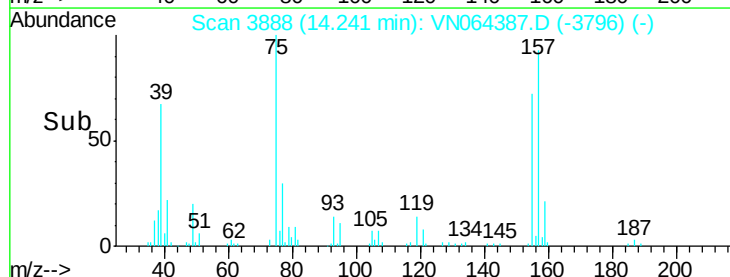
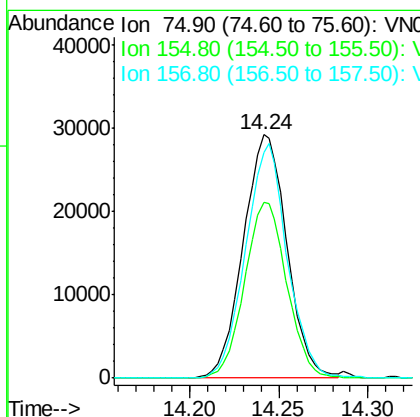
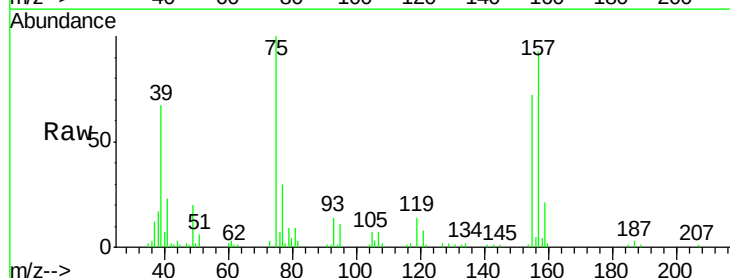
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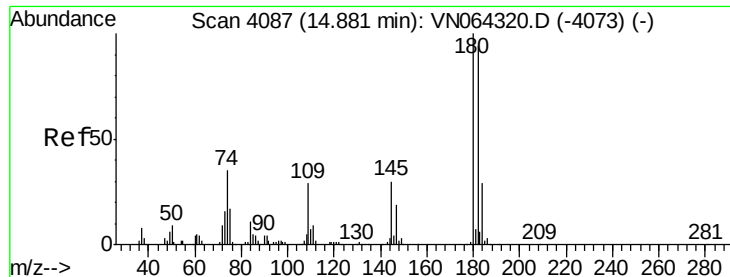
MMDadoda
 10/30/2020 1:35:44 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.936 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	35.1	105.5
157	92.6	43.2	129.6





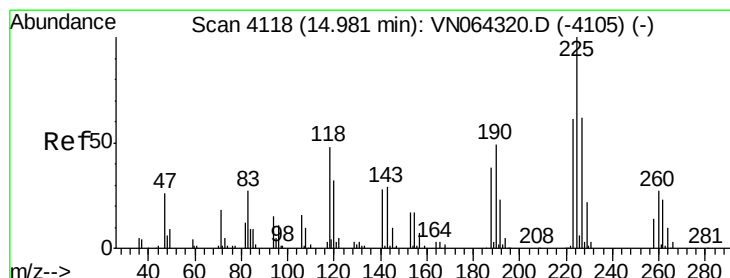
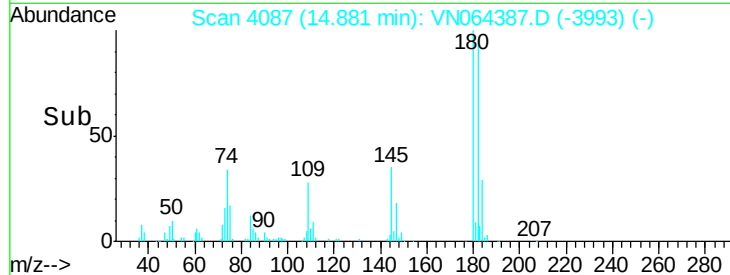
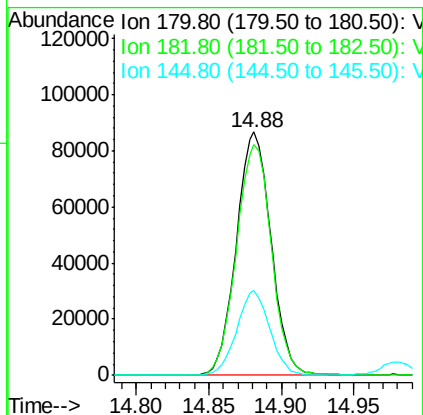
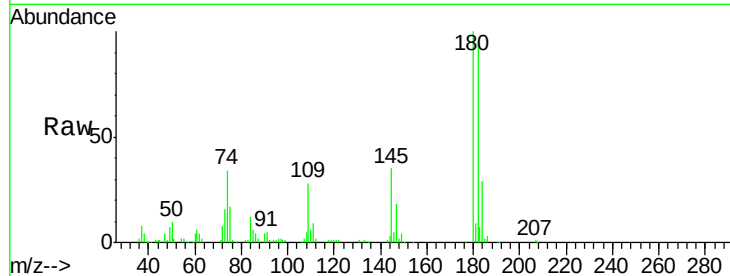
#93
 1,2,4-Trichlorobenzene
 Concen: 40.390 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	46.6	139.7
145	33.2	15.3	45.9

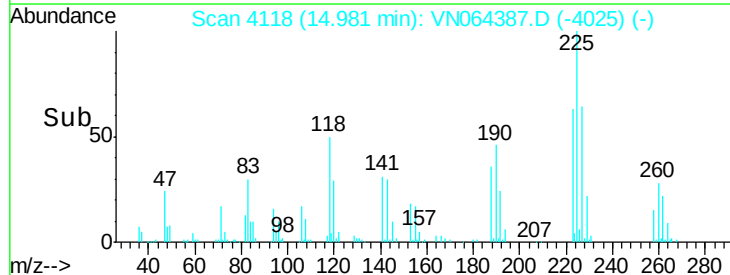
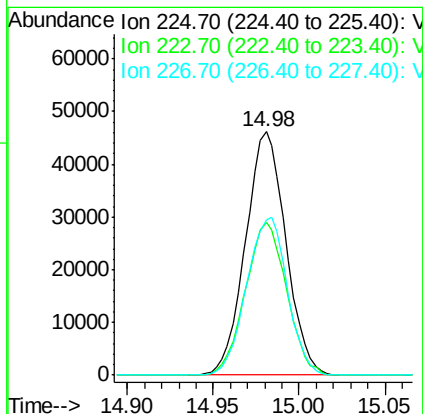
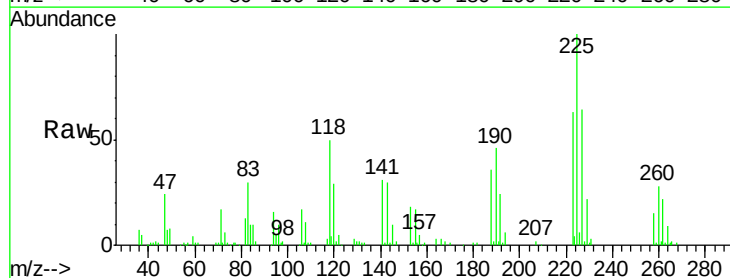
Manual Integrations
 APPROVED

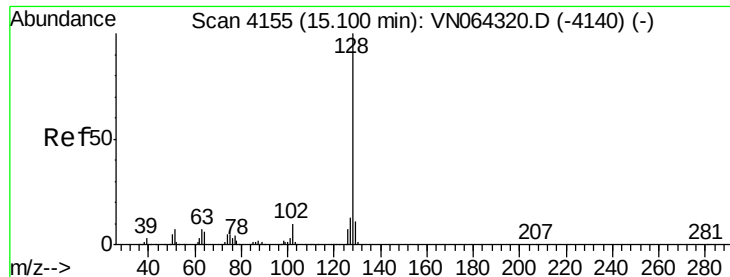
MMDadoda
 10/30/2020 1:35:44 PM



#94
 Hexachlorobutadiene
 Concen: 38.897 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN064387.D
 Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.1	31.3	93.8
227	65.4	32.3	96.9





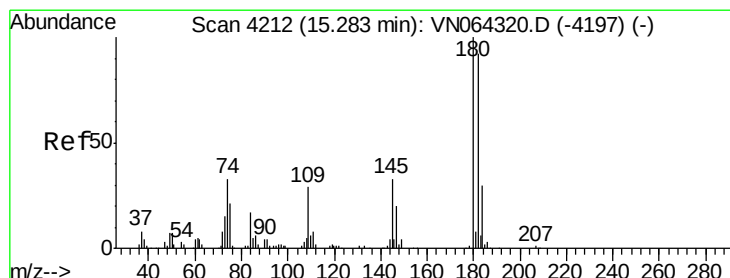
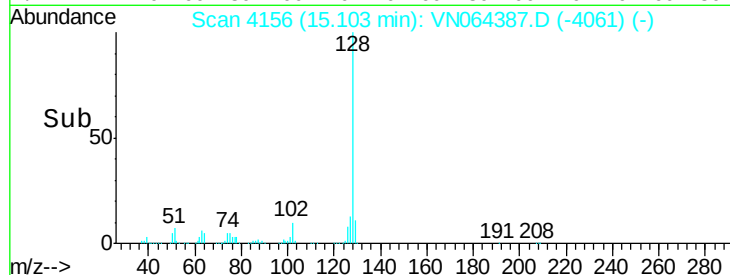
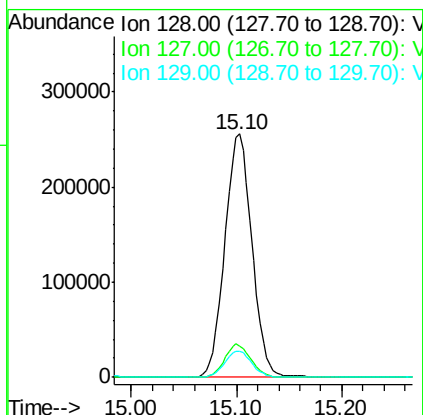
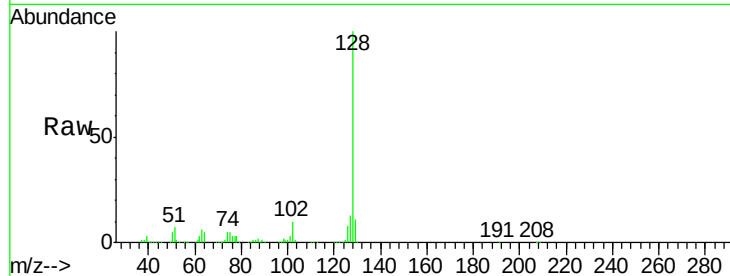
#95
Naphthalene
Concen: 41.260 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	10.8	8.6	13.0

Manual Integrations
APPROVED

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10/30/2020 1:35:44 PM



#96
1,2,3-Trichlorobenzene
Concen: 40.824 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064387.D
Acq: 29 Oct 2020 20:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.1	138.3
145	34.4	16.2	48.5

