

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102320\
 Data File : VN064297.D
 Acq On : 23 Oct 2020 20:04
 Operator : JC/MD
 Sample : VN1023WBS02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Manual Integrations
 APPROVED

MMDadoda
 10/26/2020 1:39:17 PM

Quant Time: Oct 26 02:43:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	257053	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	423322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	380984	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	181554	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	207030	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	7.55	113	144293	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
50) Toluene-d8	10.06	98	509789	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.38	95	206514	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	59001	19.278	ug/l	99
3) Chloromethane	2.04	50	60638	20.410	ug/l	98
4) Vinyl Chloride	2.16	62	59051	20.048	ug/l	98
5) Bromomethane	2.54	94	40455	21.071	ug/l	89
6) Chloroethane	2.68	64	34736	19.372	ug/l	95
7) Trichlorofluoromethane	2.99	101	102516	21.164	ug/l	99
8) Diethyl Ether	3.37	74	32227	20.113	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52023	20.769	ug/l	95
10) Methyl Iodide	3.92	142	65338	18.344	ug/l	96
11) Tert butyl alcohol	4.73	59	50925	99.657	ug/l #	92
12) 1,1-Dichloroethene	3.70	96	47819	19.849	ug/l	98
13) Acrolein	3.57	56	23316	72.687	ug/l	94
14) Allyl chloride	4.28	41	93745	19.442	ug/l	99
15) Acrylonitrile	4.93	53	107220	101.471	ug/l #	90
16) Acetone	3.78	43	115081	105.360	ug/l	95
17) Carbon Disulfide	4.02	76	133818	19.473	ug/l	100
18) Methyl Acetate	4.28	43	59355	21.325	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	166792	20.138	ug/l	96
20) Methylene Chloride	4.51	84	55349	19.004	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	53623	20.185	ug/l	97
22) Diisopropyl ether	5.90	45	172949	19.295	ug/l	97
23) Vinyl Acetate	5.84	43	796708	99.666	ug/l	100
24) 1,1-Dichloroethane	5.80	63	105189	20.257	ug/l	99
25) 2-Butanone	6.78	43	178066	102.611	ug/l	96
26) 2,2-Dichloropropane	6.78	77	97298	18.821	ug/l #	77
27) cis-1,2-Dichloroethene	6.78	96	63277	20.453	ug/l	95
28) Bromochloromethane	7.15	49	45790	18.562	ug/l	98
29) Tetrahydrofuran	7.16	42	102567	98.808	ug/l	96
30) Chloroform	7.33	83	112777	20.361	ug/l	95
31) Cyclohexane	7.61	56	85928	18.988	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	107075	20.636	ug/l	99
36) 1,1-Dichloropropene	7.76	75	81370	19.281	ug/l	98
37) Ethyl Acetate	6.88	43	71622	18.692	ug/l	98
38) Carbon Tetrachloride	7.73	117	96645	20.127	ug/l	97

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 10/26/2020 1:39:17 PM

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 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 12:48:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	71858	18.725	ug/l	99
40) Benzene	8.00	78	225746	19.378	ug/l	98
41) Methacrylonitrile	7.12	41	38977	19.392	ug/l	90
42) 1,2-Dichloroethane	8.08	62	98233	19.684	ug/l	100
43) Isopropyl Acetate	8.13	43	139584	19.546	ug/l #	90
44) Trichloroethene	8.80	130	64225	20.231	ug/l	92
45) 1,2-Dichloropropane	9.08	63	60570	19.475	ug/l	92
46) Dibromomethane	9.17	93	42523	20.362	ug/l	96
47) Bromodichloromethane	9.37	83	90452	19.605	ug/l	99
48) Methyl methacrylate	9.17	41	68802	18.444	ug/l	96
49) 1,4-Dioxane	9.17	88	17388	398.373	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	382446	100.206	ug/l	99
52) Toluene	10.13	92	144731	19.416	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	101823	19.867	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	102601	19.013	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	57916	20.572	ug/l	98
56) Ethyl methacrylate	10.40	69	85505	19.642	ug/l	98
57) 1,3-Dichloropropane	10.68	76	98922	20.229	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	203915	90.968	ug/l	98
59) 2-Hexanone	10.72	43	275741	98.928	ug/l	100
60) Dibromochloromethane	10.87	129	68091	18.683	ug/l	98
61) 1,2-Dibromoethane	10.98	107	59409	19.997	ug/l	100
64) Tetrachloroethene	10.60	164	62986	20.536	ug/l	99
65) Chlorobenzene	11.41	112	154255	19.560	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	62119	19.844	ug/l	99
67) Ethyl Benzene	11.49	91	282285	19.478	ug/l	98
68) m/p-Xylenes	11.59	106	213089	39.684	ug/l	97
69) o-Xylene	11.92	106	102008	19.642	ug/l	96
70) Styrene	11.94	104	165750	19.041	ug/l	97
71) Bromoform	12.10	173	44997	18.608	ug/l #	100
73) Isopropylbenzene	12.22	105	270063	19.503	ug/l	99
74) N-amyl acetate	12.05	43	113845	19.027	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	73356	19.963	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	72551m	18.955	ug/l	
77) Bromobenzene	12.50	156	65206	19.947	ug/l	99
78) n-propylbenzene	12.57	91	304261	19.488	ug/l	100
79) 2-Chlorotoluene	12.65	91	191218	19.940	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	232260	19.840	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	27737	18.296	ug/l	97
82) 4-Chlorotoluene	12.75	91	202520	20.246	ug/l	99
83) tert-Butylbenzene	12.97	119	187158	19.500	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	229459	19.694	ug/l	98
85) sec-Butylbenzene	13.14	105	236027	19.507	ug/l	99
86) p-Isopropyltoluene	13.26	119	216469	19.646	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	113622	19.534	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	111885	18.793	ug/l	97
89) n-Butylbenzene	13.59	91	188487	19.083	ug/l	98
90) Hexachloroethane	13.85	117	35534	17.807	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	110609	19.384	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	17186	18.747	ug/l	97

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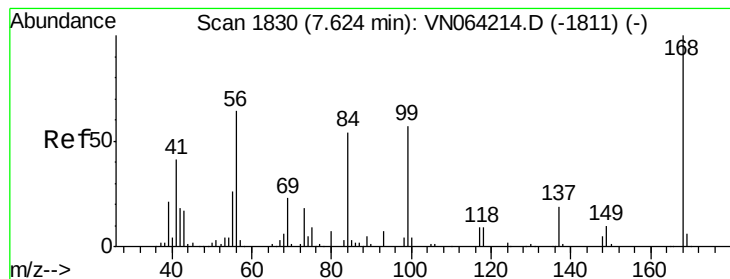
Manual Integrations
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10/26/2020 1:39:17 PM

Quant Time: Oct 26 02:43:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102120W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 21 12:48:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	61027	19.068	ug/l	98
94) Hexachlorobutadiene	14.98	225	34455	19.960	ug/l	98
95) Naphthalene	15.10	128	177591	18.529	ug/l	98
96) 1,2,3-Trichlorobenzene	15.28	180	56722	17.894	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion:168 Resp: 257053

Ion Ratio Lower Upper

168 100

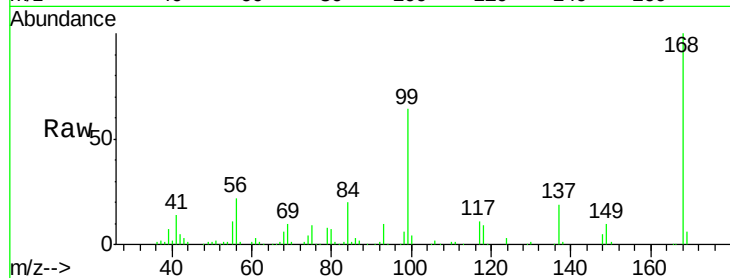
99 63.6 54.0 81.0

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

120000

100000

80000

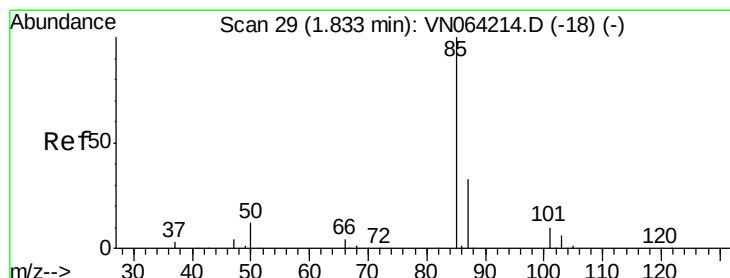
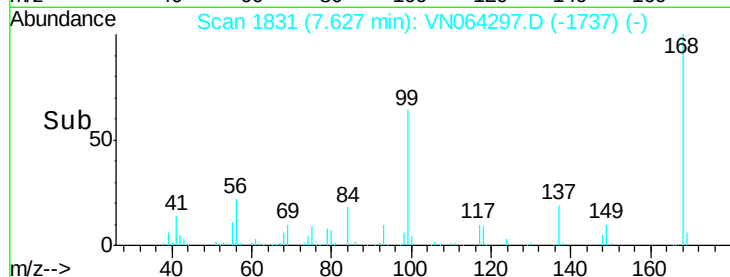
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 19.278 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064297.D

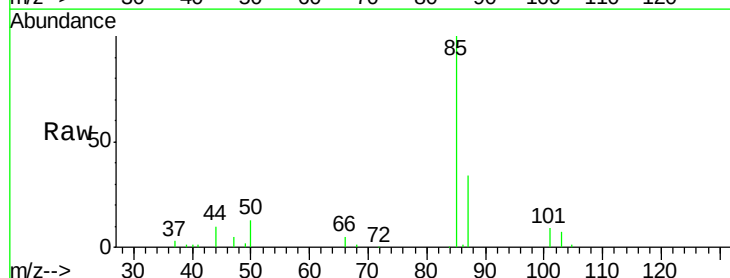
Acq: 23 Oct 2020 20:04

Tgt Ion: 85 Resp: 59001

Ion Ratio Lower Upper

85 100

87 33.7 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

50000

40000

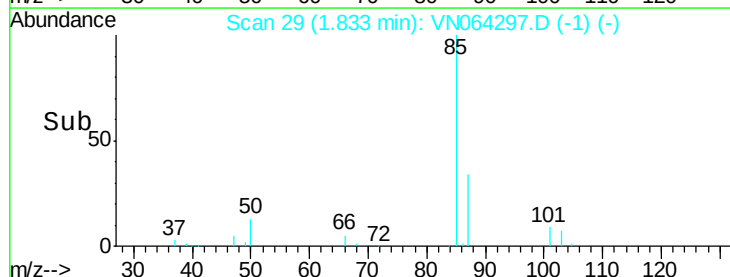
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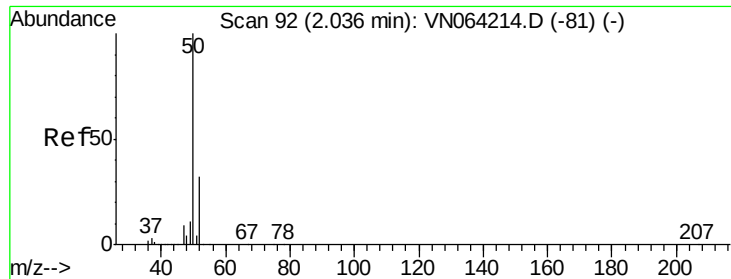
20000

10000

0

Time-->





#3

Chloromethane

Concen: 20.410 ug/l

RT: 2.04 min Scan# 92

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 50 Resp: 60638

Ion Ratio Lower Upper

50 100

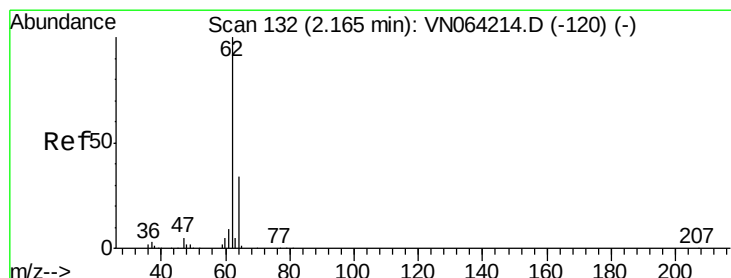
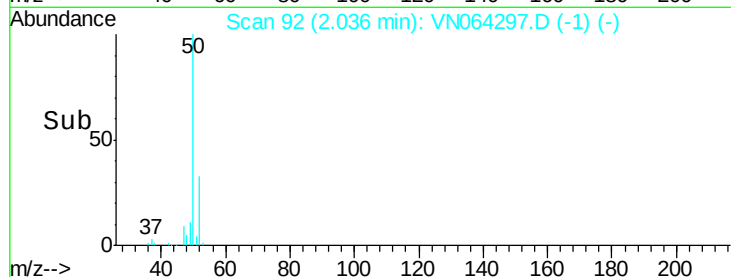
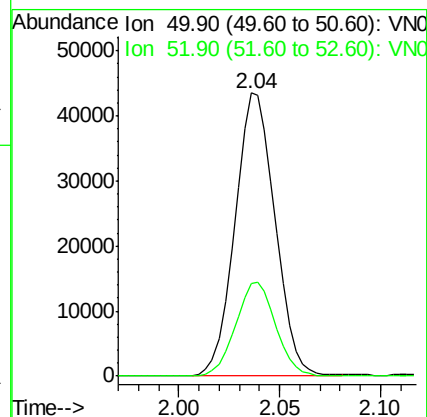
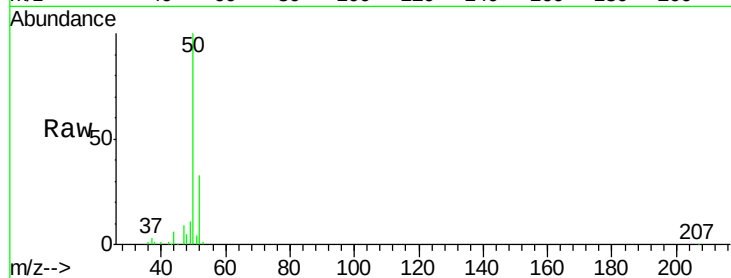
52 32.5 25.3 37.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.048 ug/l

RT: 2.16 min Scan# 132

Delta R.T. -0.00 min

Lab File: VN064297.D

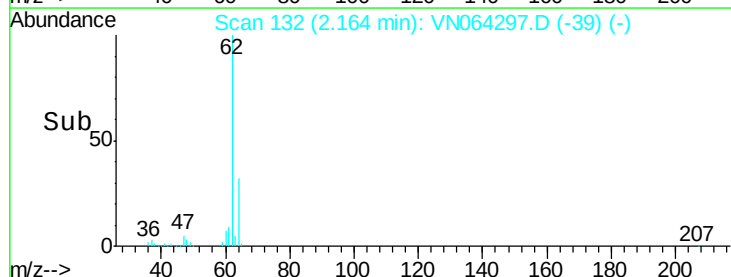
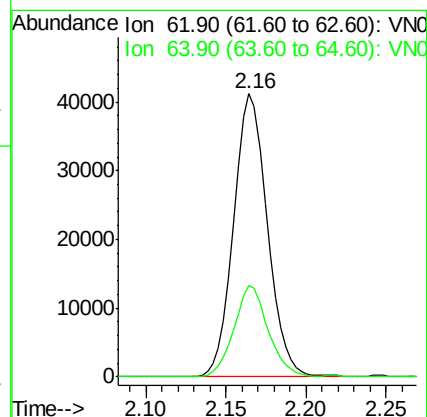
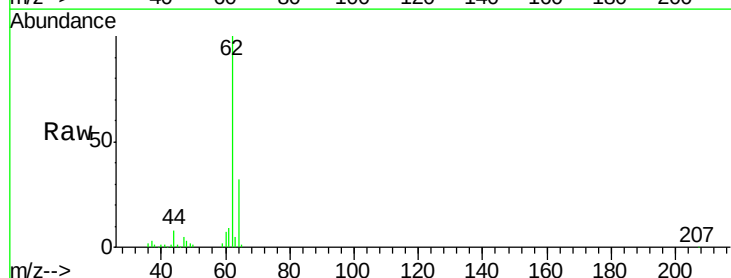
Acq: 23 Oct 2020 20:04

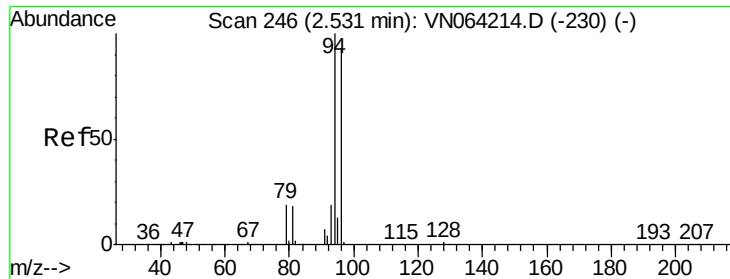
Tgt Ion: 62 Resp: 59051

Ion Ratio Lower Upper

62 100

64 32.4 26.8 40.2





#5

Bromomethane

Concen: 21.071 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

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ClientSampleId :

VN1023WBS02

Tot Ion: 94 Resp: 40455

Ion Ratio Lower Upper

94 100

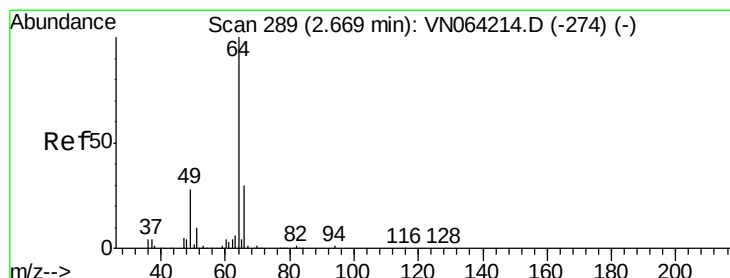
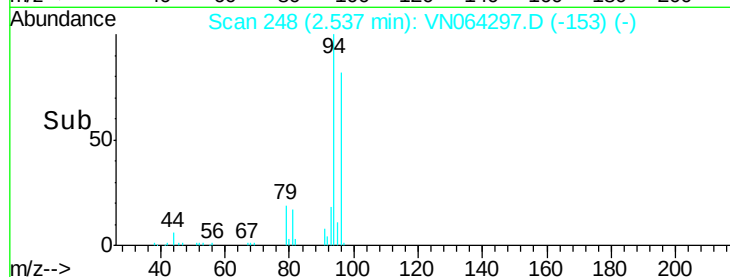
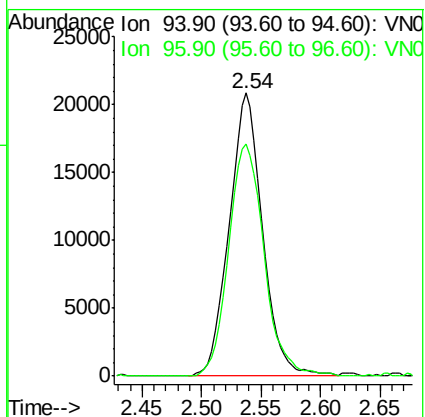
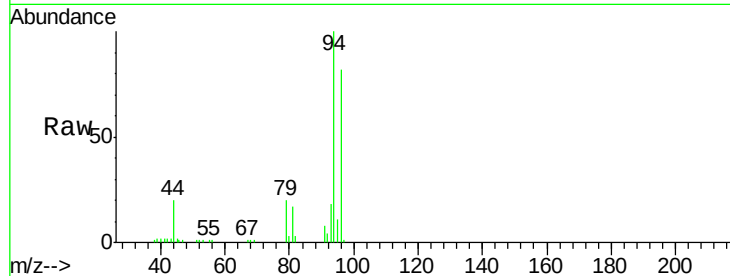
96 82.2 74.2 111.4

Manual Integrations

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#6

Chloroethane

Concen: 19.372 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064297.D

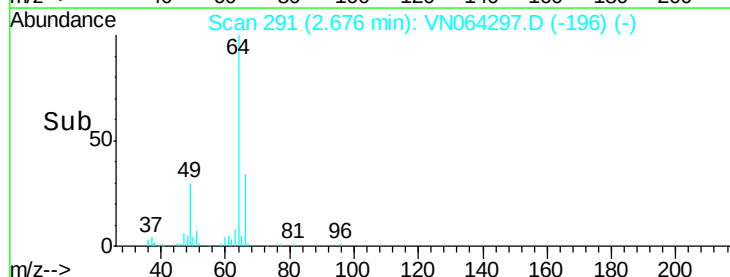
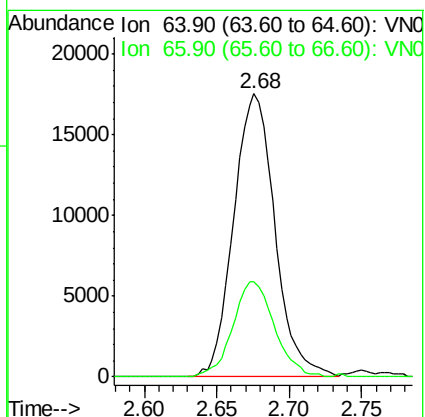
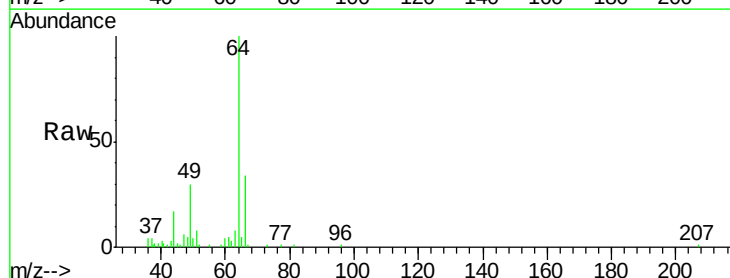
Acq: 23 Oct 2020 20:04

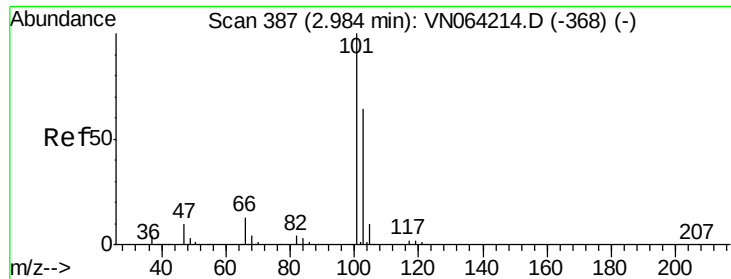
Tgt Ion: 64 Resp: 34736

Ion Ratio Lower Upper

64 100

66 33.6 24.5 36.7





#7

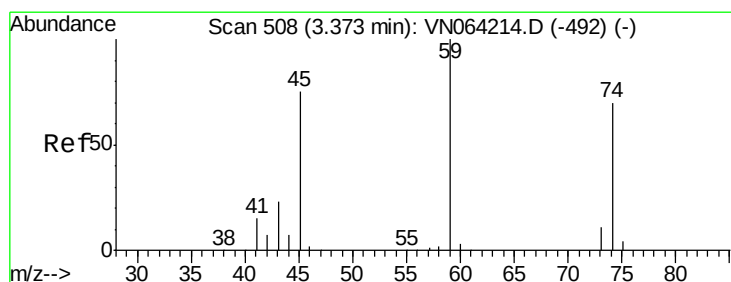
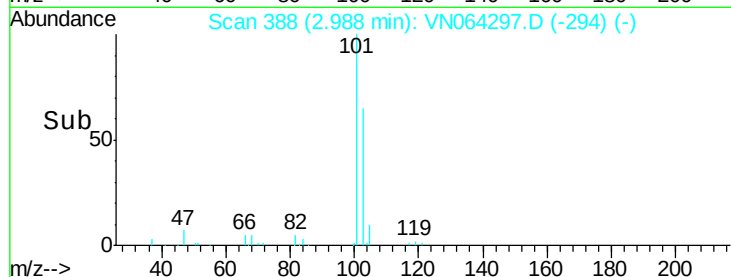
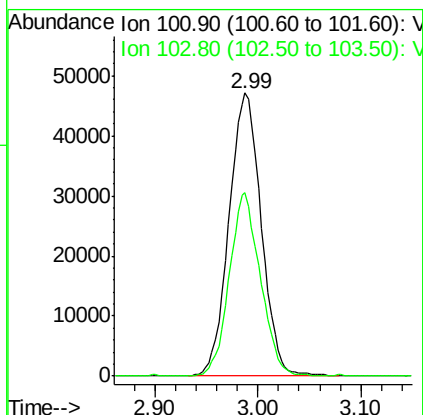
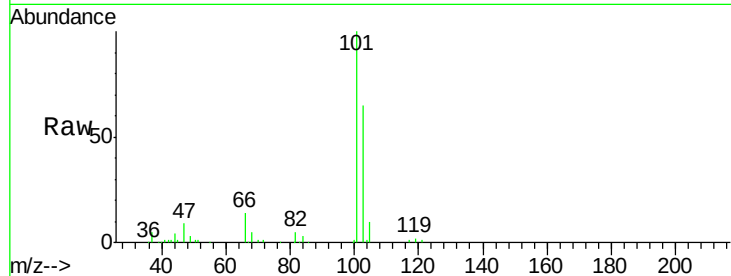
Trichlorofluoromethane
Concen: 21.164 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

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ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	51.0	76.6

Manual Integrations
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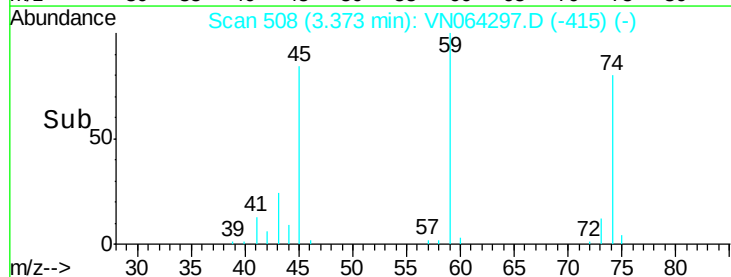
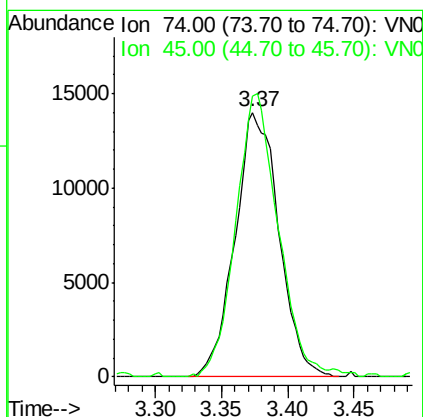
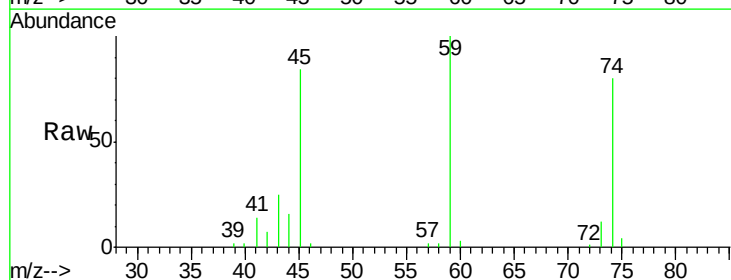
MMDadoda
10/26/2020 1:39:17 PM

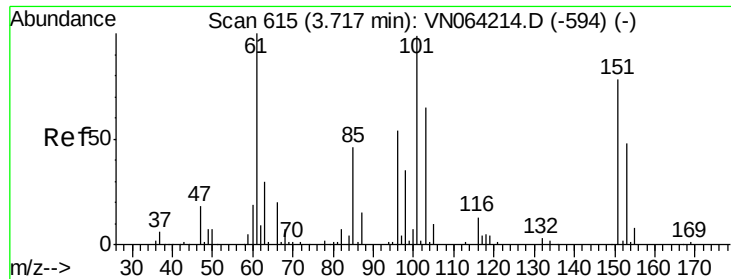


#8

Diethyl Ether
Concen: 20.113 ug/l
RT: 3.37 min Scan# 508
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.3	154.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.769 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

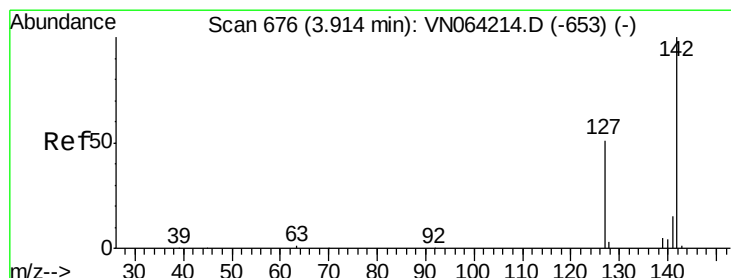
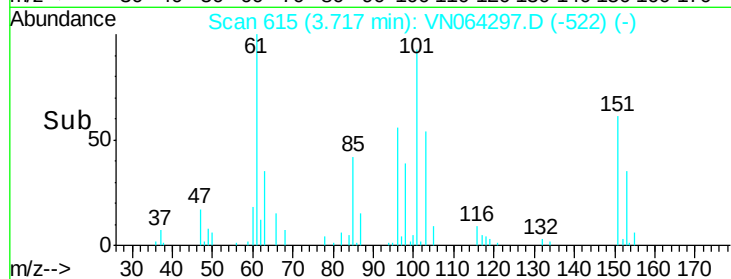
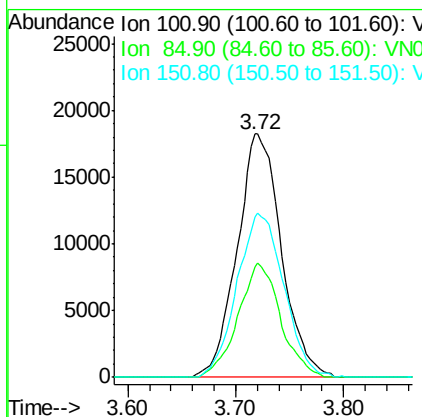
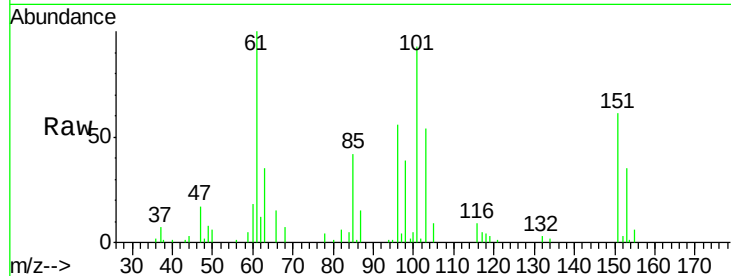
ClientSampleId :

VN1023WBS02

Tot Ion:	101	Resp:	52023
Ion Ratio	Lower	Upper	
101	100		
85	45.0	37.8	56.8
151	71.2	61.4	92.2

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#10

Methyl Iodide

Concen: 18.344 ug/l

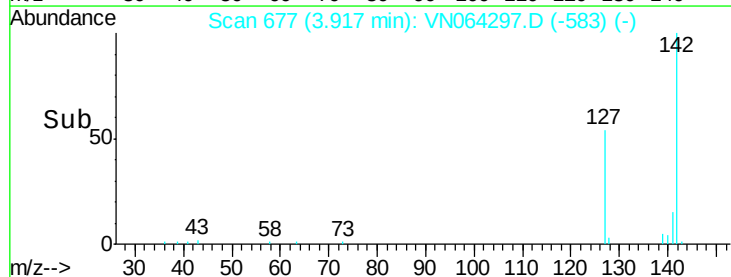
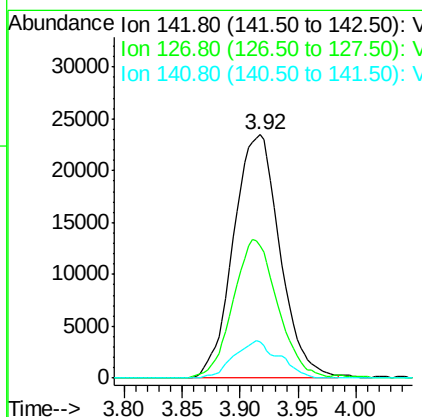
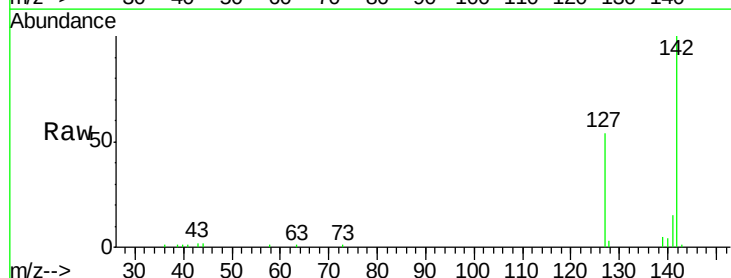
RT: 3.92 min Scan# 677

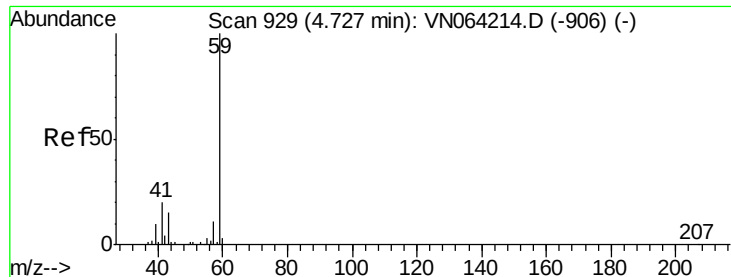
Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	142	Resp:	65338
Ion Ratio	Lower	Upper	
142	100		
127	54.6	41.0	61.6
141	14.7	11.3	16.9





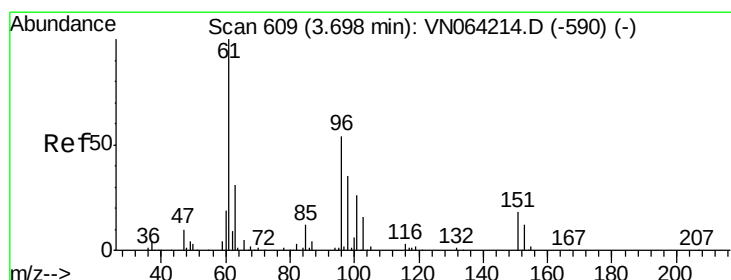
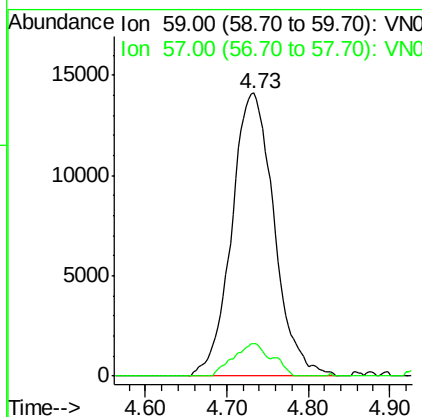
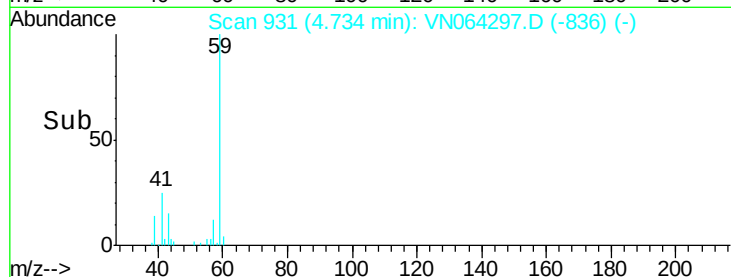
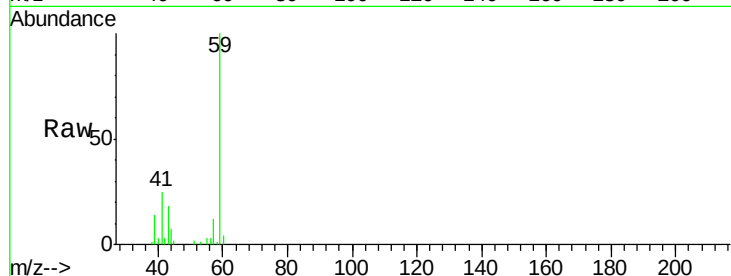
#11
Tert butyl alcohol
Concen: 99.657 ug/l
RT: 4.73 min Scan# 931
Delta R.T. 0.01 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
59	100	50925		
57	8.6	9.2	13.8#	

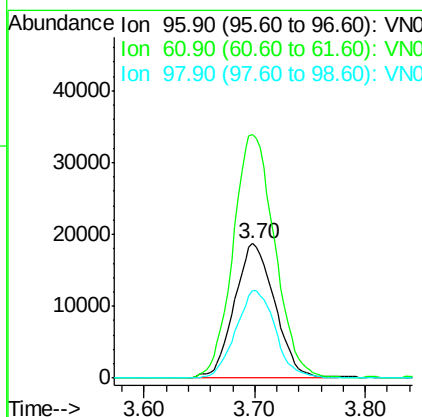
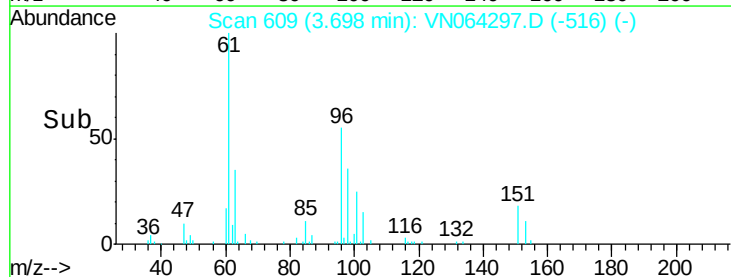
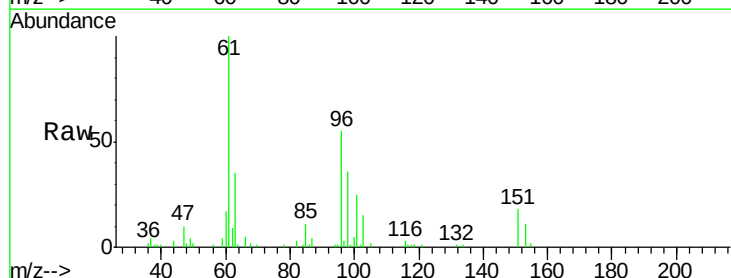
Manual Integrations
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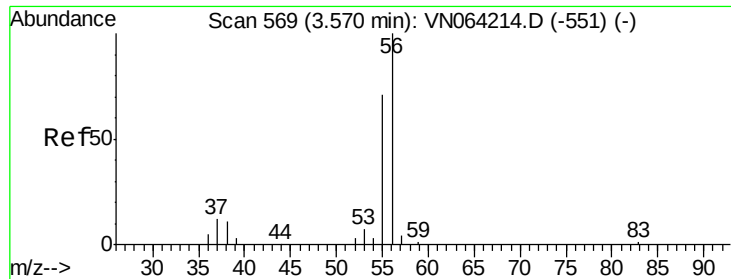
MMDadoda
10/26/2020 1:39:17 PM



#12
1,1-Dichloroethene
Concen: 19.849 ug/l
RT: 3.70 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	47819		
61	181.0	147.0	220.4	
98	65.0	51.7	77.5	





#13

Acrolein

Concen: 72.687 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 56 Resp: 23316

Ion Ratio Lower Upper

56 100

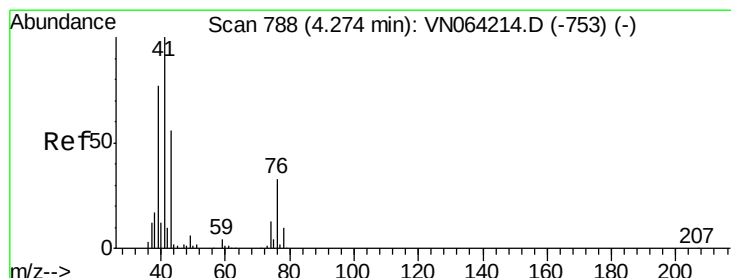
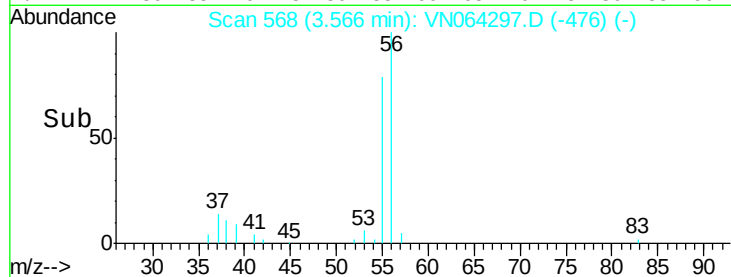
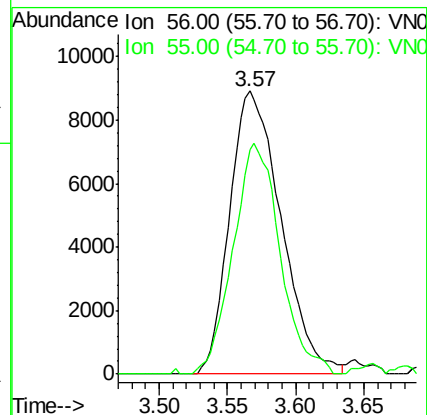
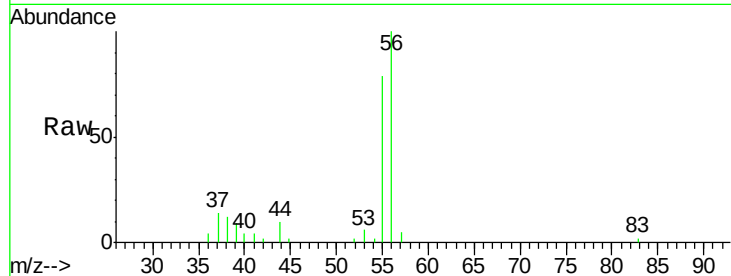
55 74.7 56.1 84.1

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#14

Allyl chloride

Concen: 19.442 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

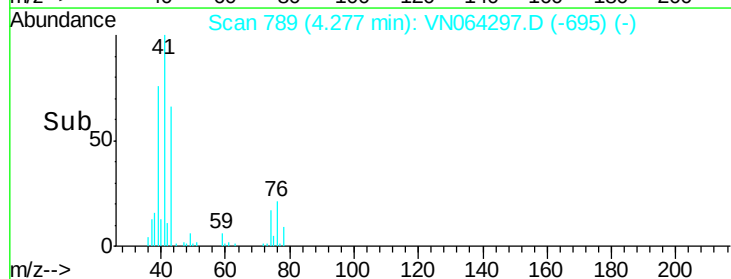
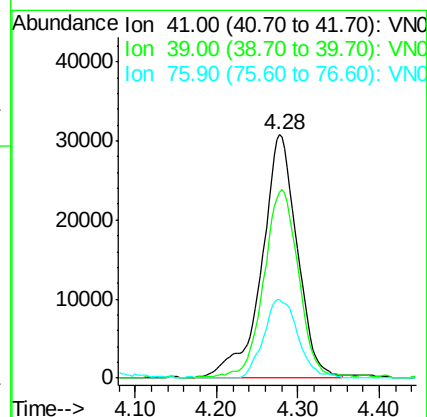
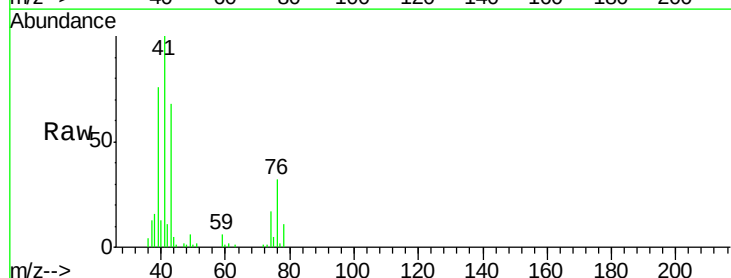
Tgt Ion: 41 Resp: 93745

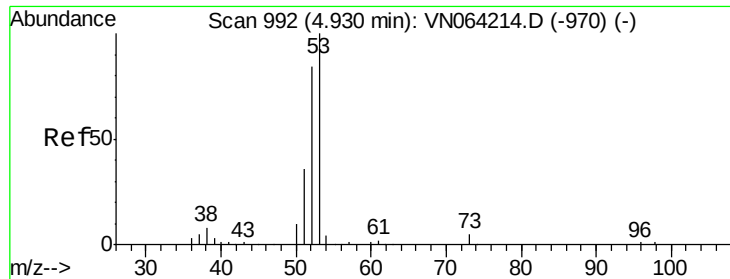
Ion Ratio Lower Upper

41 100

39 74.0 58.6 88.0

76 31.1 24.5 36.7





#15

Acrylonitrile

Concen: 101.471 ug/l

RT: 4.93 min Scan# 993

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

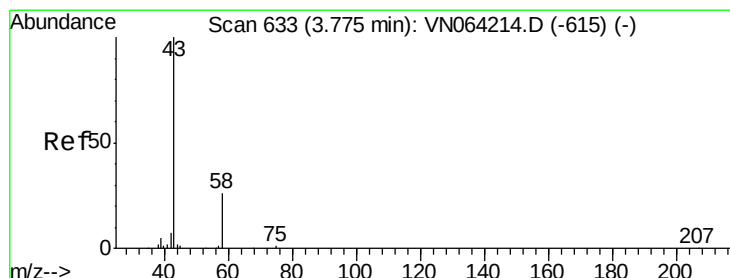
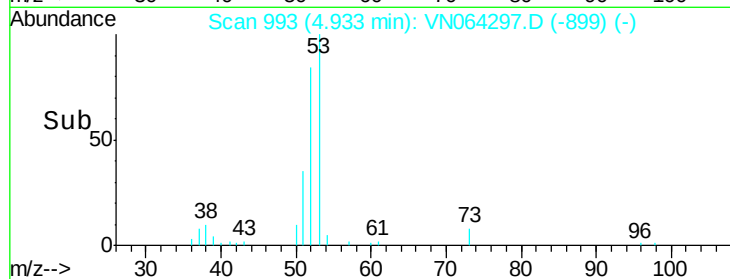
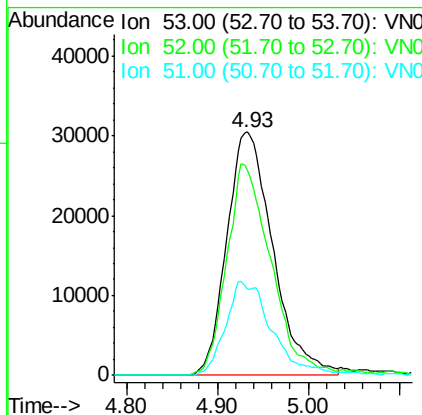
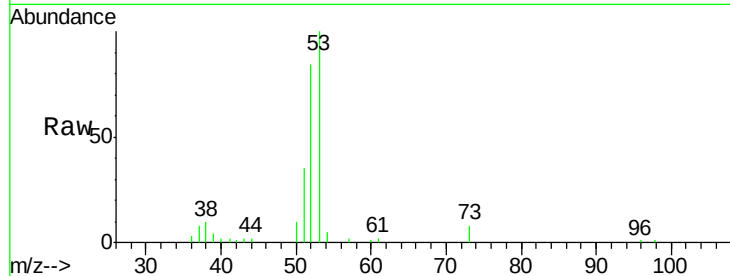
ClientSampleId :

VN1023WBS02

Tot Ion:	53	Resp:	107220
Ion Ratio	Lower	Upper	
53	100		
52	83.0	66.8	100.2
51	20.3	30.7	46.1#

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#16

Acetone

Concen: 105.360 ug/l

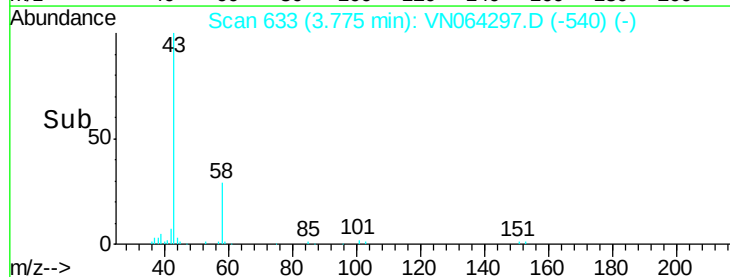
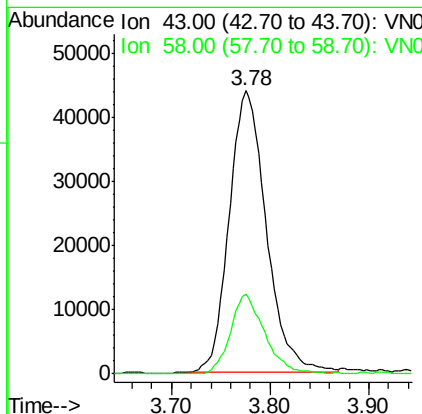
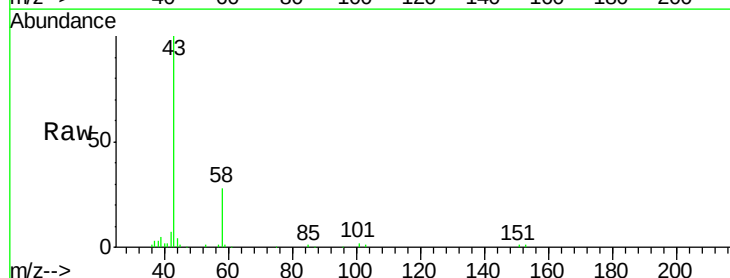
RT: 3.78 min Scan# 633

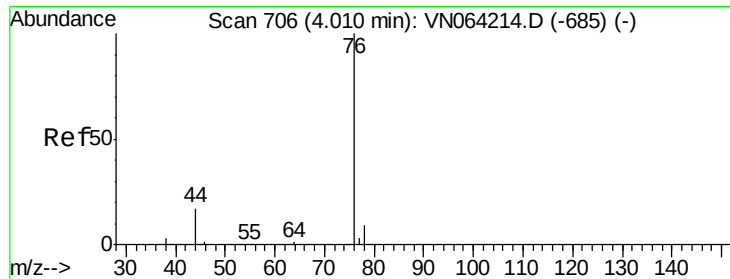
Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	43	Resp:	115081
Ion Ratio	Lower	Upper	
43	100		
58	28.6	21.0	31.4





#17

Carbon Disulfide

Concen: 19.473 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 76 Resp: 133818

Ion Ratio Lower Upper

76 100

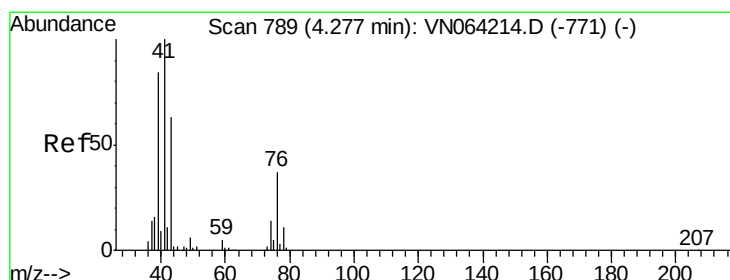
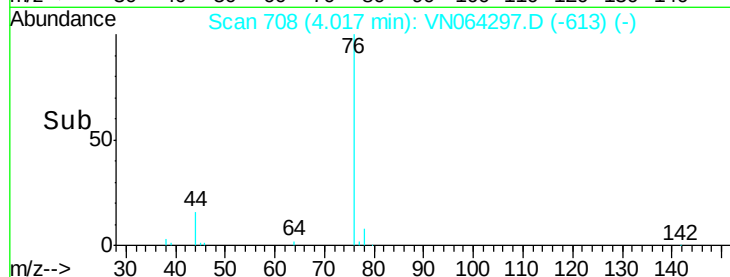
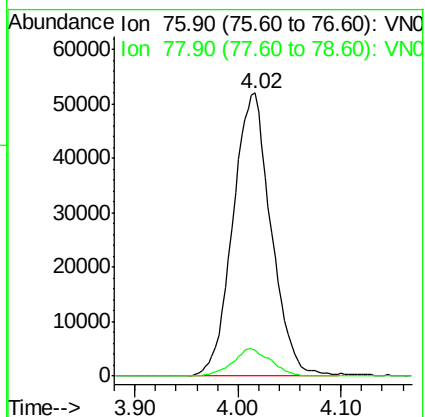
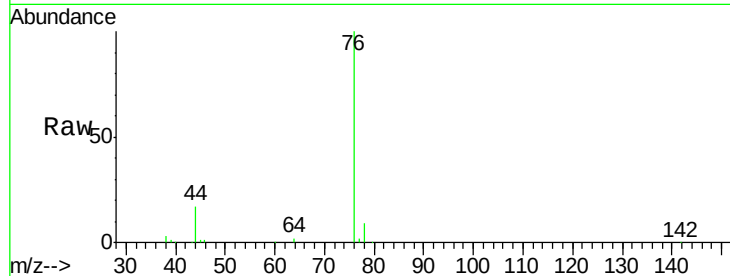
78 9.0 7.1 10.7

Manual Integrations

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#18

Methyl Acetate

Concen: 21.325 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN064297.D

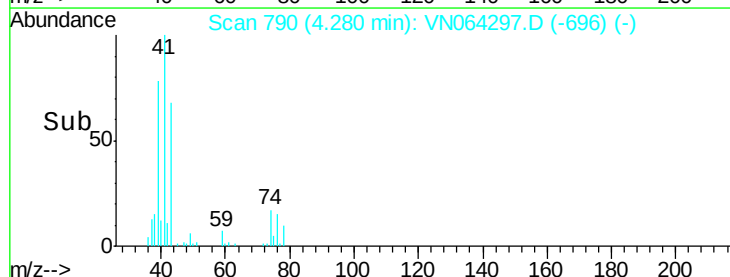
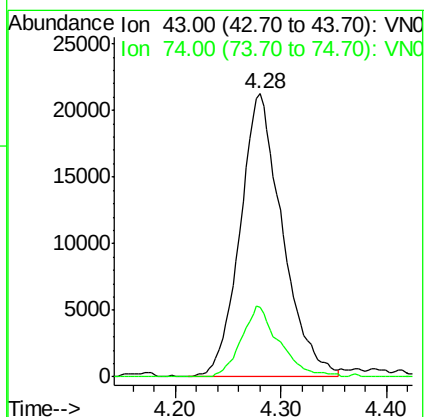
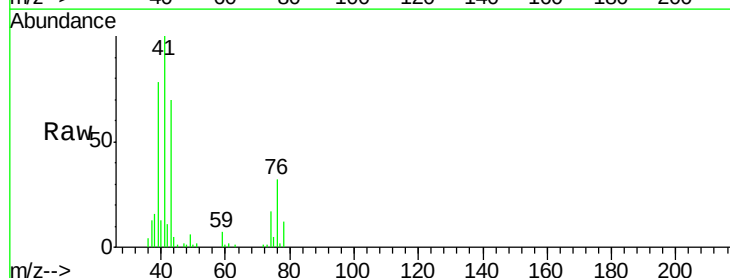
Acq: 23 Oct 2020 20:04

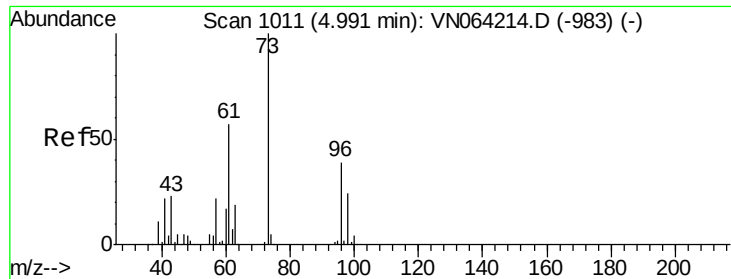
Tgt Ion: 43 Resp: 59355

Ion Ratio Lower Upper

43 100

74 22.4 17.9 26.9





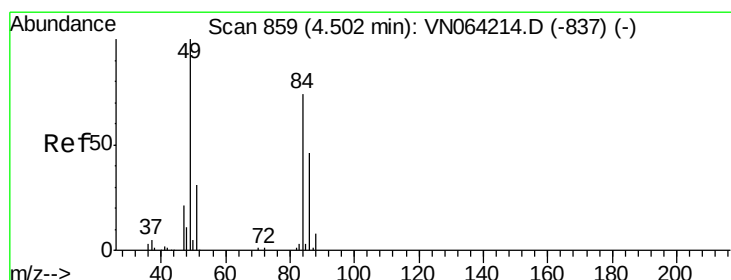
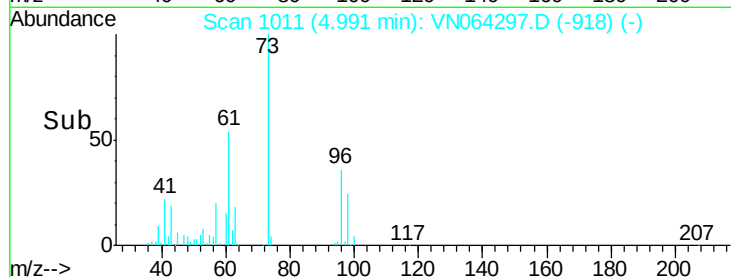
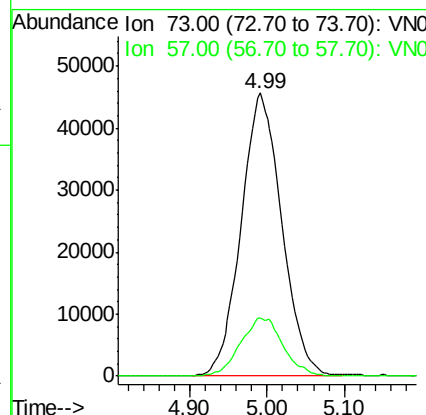
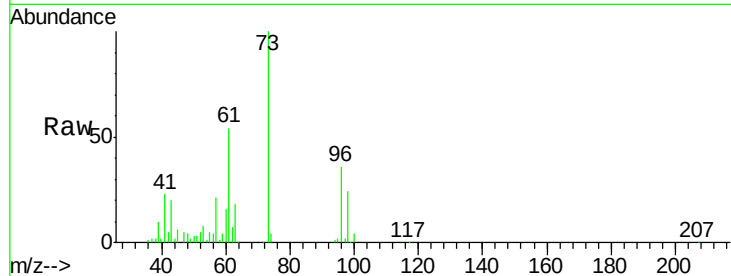
#19
Methvl tert-butvl Ether
Concen: 20.138 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 73 Resp: 166792
Ion Ratio Lower Upper
73 100
57 20.6 18.0 27.0

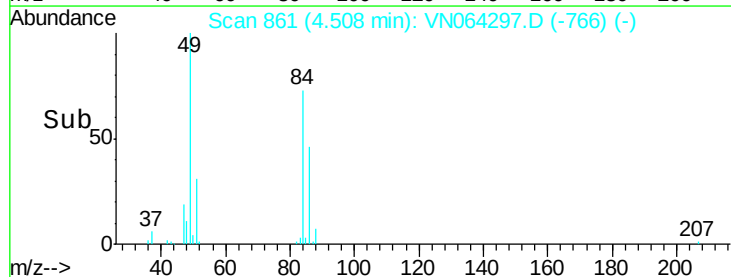
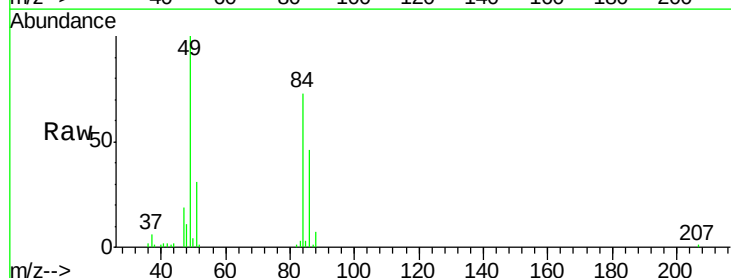
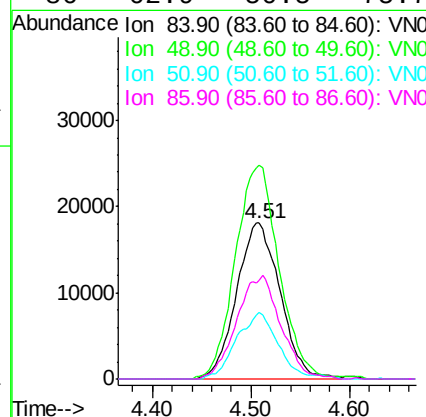
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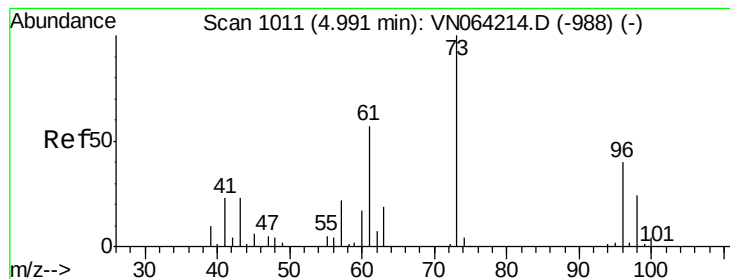
MMDadoda
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#20
Methylene Chloride
Concen: 19.004 ug/l
RT: 4.51 min Scan# 861
Delta R.T. 0.01 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 84 Resp: 55349
Ion Ratio Lower Upper
84 100
49 136.8 108.5 162.7
51 42.4 33.8 50.8
86 62.9 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 20.185 ug/l

RT: 4.99 min Scan# 1012

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 96 Resp: 53623

Ion Ratio Lower Upper

96 100

61 148.5 115.8 173.6

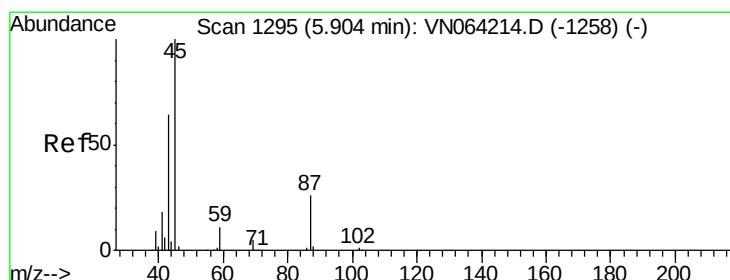
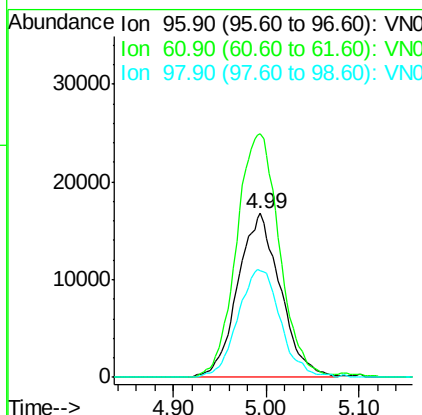
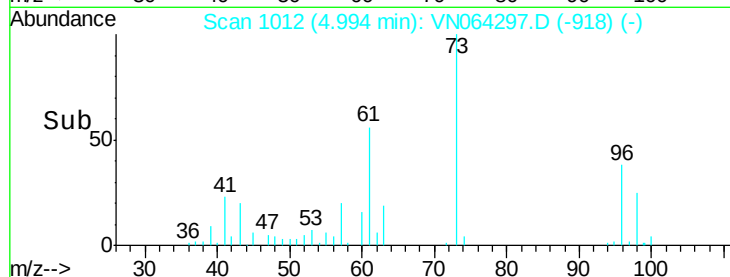
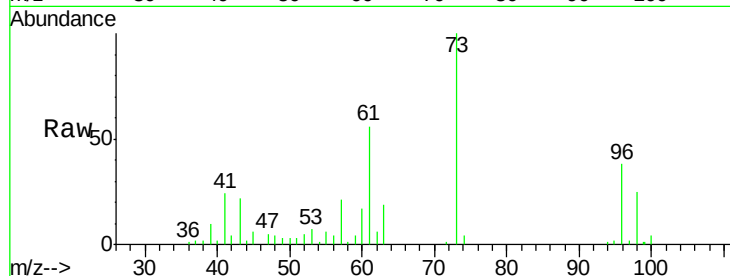
98 65.2 49.4 74.0

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#22

Diisopropyl ether

Concen: 19.295 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion: 45 Resp: 172949

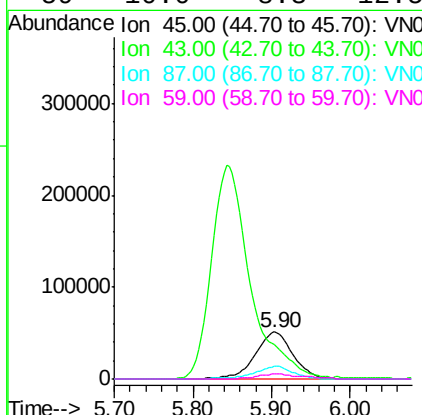
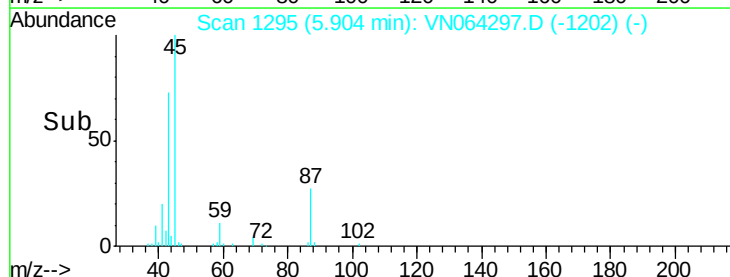
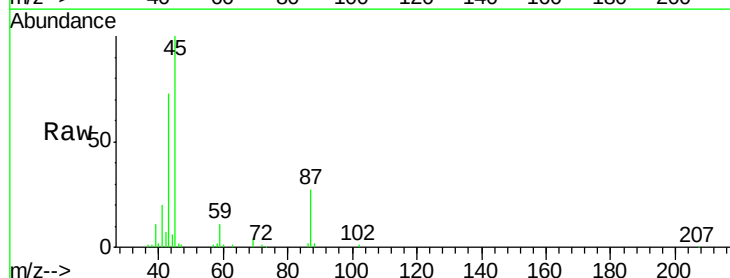
Ion Ratio Lower Upper

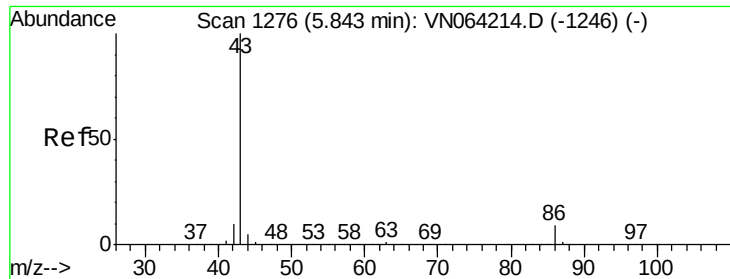
45 100

43 68.6 52.2 78.4

87 26.7 21.4 32.0

59 10.0 8.3 12.5





#23

Vinyl Acetate

Concen: 99.666 ug/l

RT: 5.84 min Scan# 1276

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 43 Resp: 796708

Ion Ratio Lower Upper

43 100

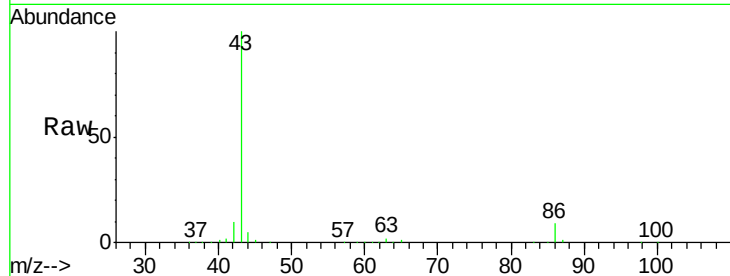
86 9.3 7.4 11.0

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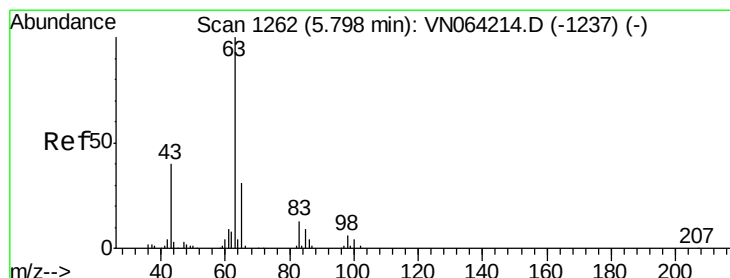
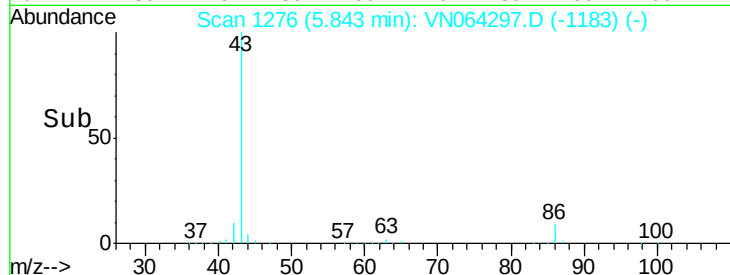
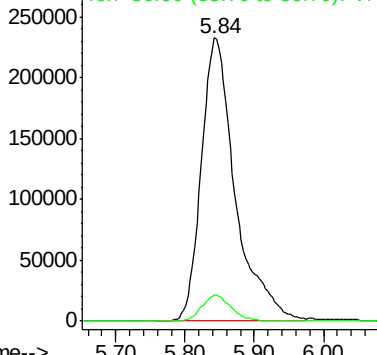
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 20.257 ug/l

RT: 5.80 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

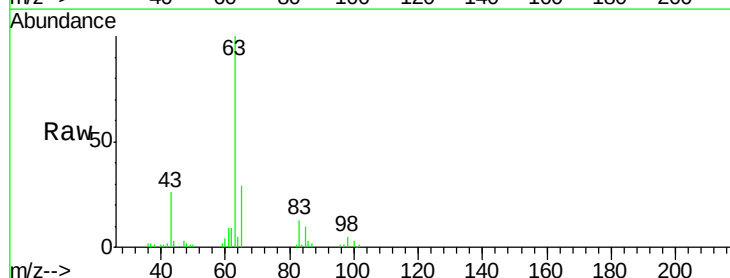
Tgt Ion: 63 Resp: 105189

Ion Ratio Lower Upper

63 100

98 5.4 2.9 8.7

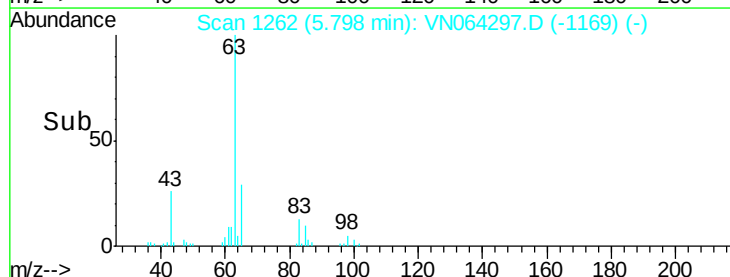
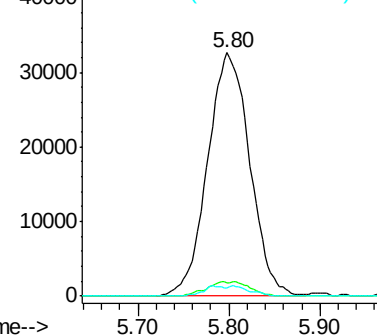
100 3.5 2.0 6.0

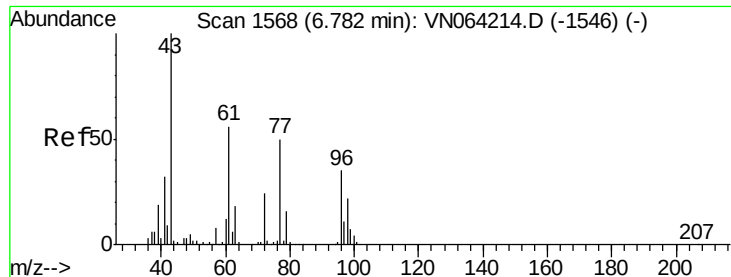


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





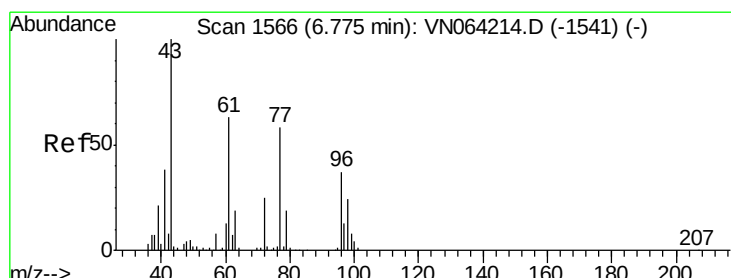
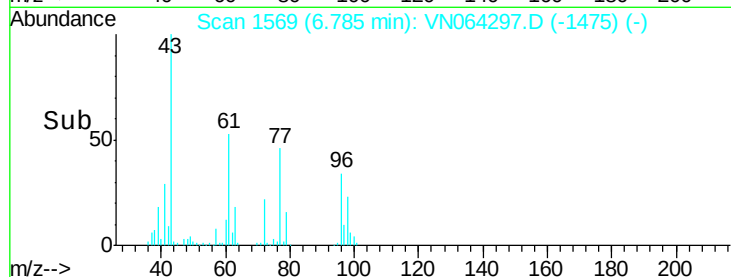
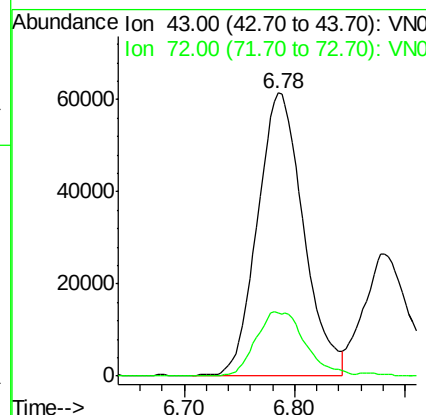
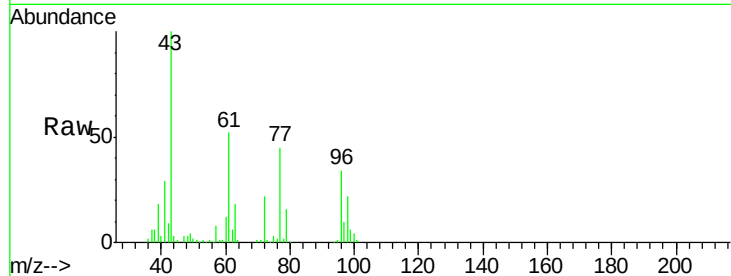
#25
2-Butanone
Concen: 102.611 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 43 Resp: 178066
Ion Ratio Lower Upper
43 100
72 22.3 19.4 29.0

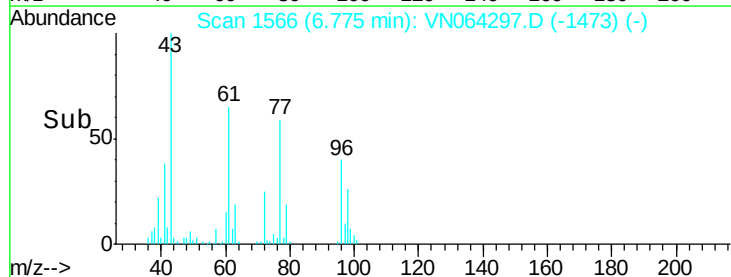
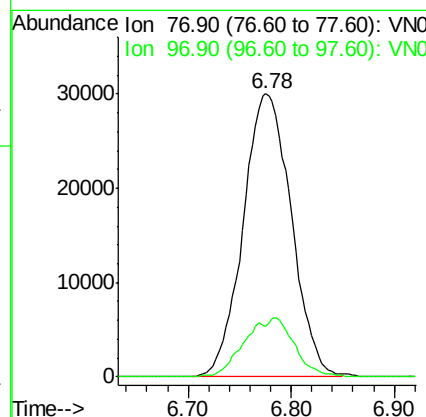
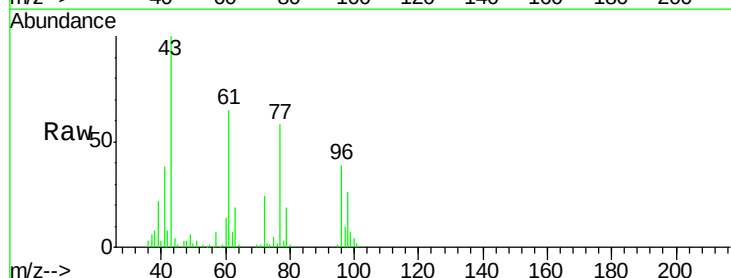
Manual Integrations
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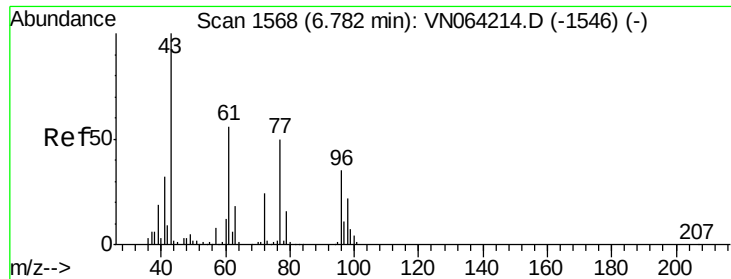
MMDadoda
10/26/2020 1:39:17 PM



#26
2,2-Dichloropropane
Concen: 18.821 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 77 Resp: 97298
Ion Ratio Lower Upper
77 100
97 10.2 10.4 31.4#





#27

cis-1,2-Dichloroethene

Concen: 20.453 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

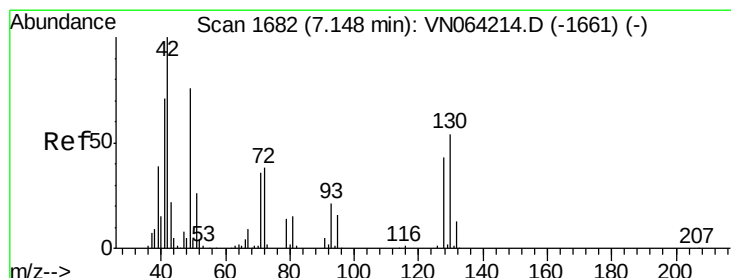
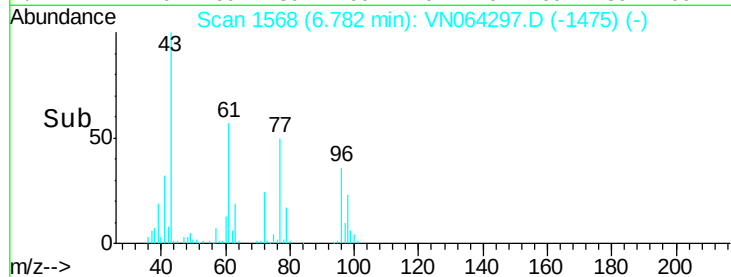
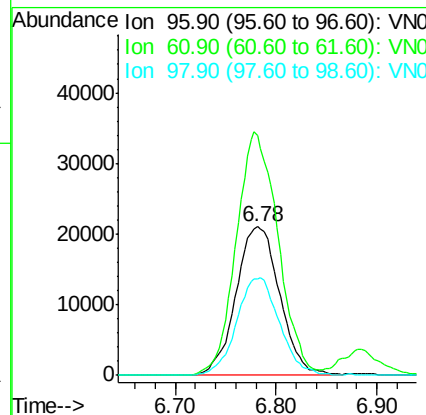
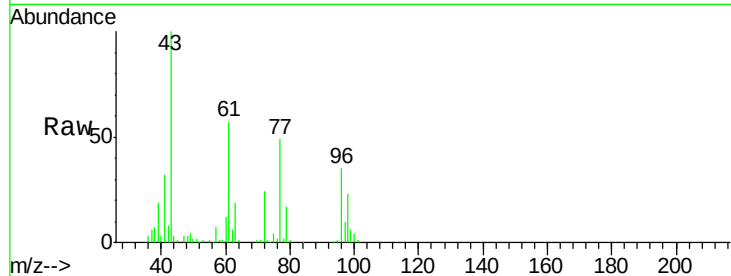
ClientSampleId :

VN1023WBS02

Tot Ion:	96	Resp:	63277
Ion	Ratio	Lower	Upper
96	100		
61	156.8	0.0	330.0
98	64.1	0.0	130.6

Manual Integrations
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#28

Bromochloromethane

Concen: 18.562 ug/l

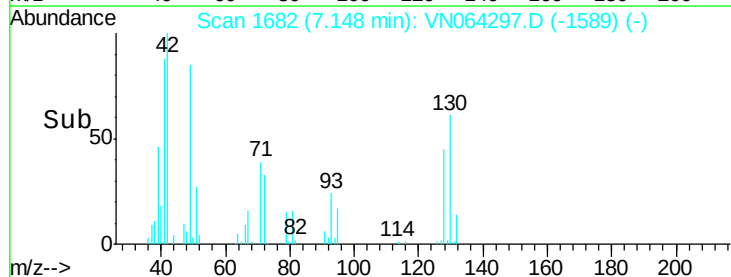
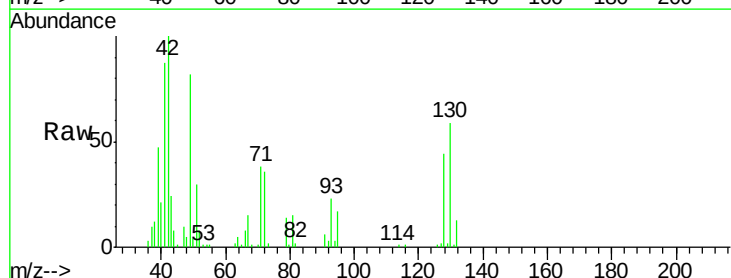
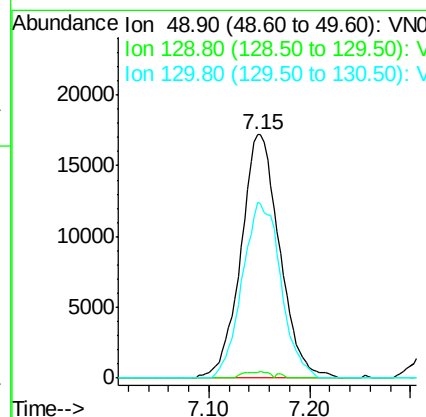
RT: 7.15 min Scan# 1682

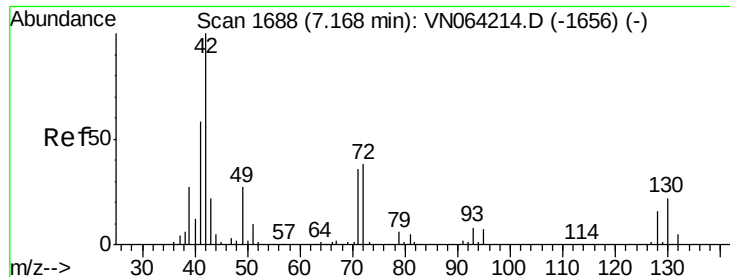
Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	49	Resp:	45790
Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.8
130	71.8	58.8	88.2





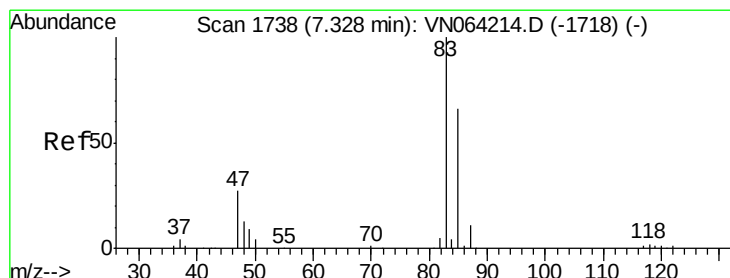
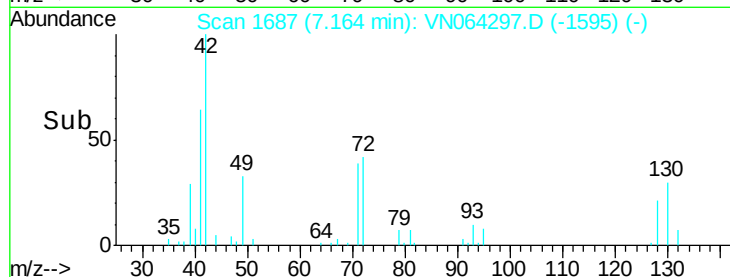
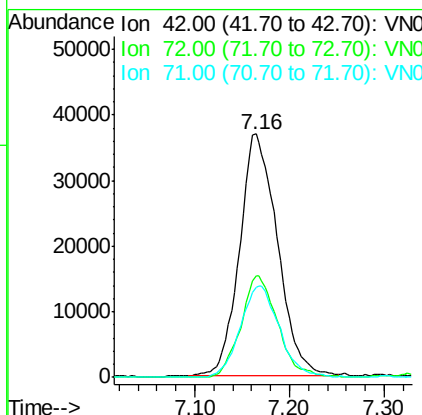
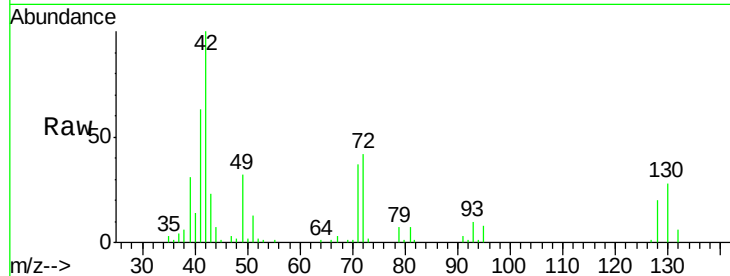
#29
Tetrahydrofuran
Concen: 98.808 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	40.6	30.8	46.2
71	38.8	29.0	43.6

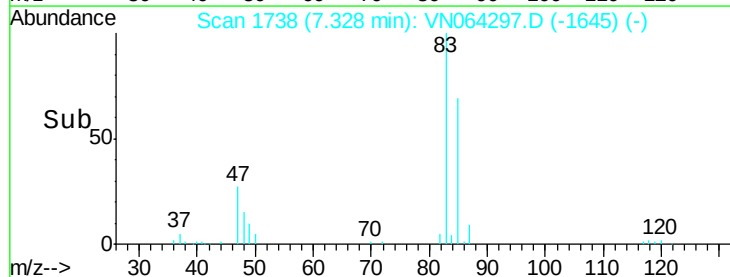
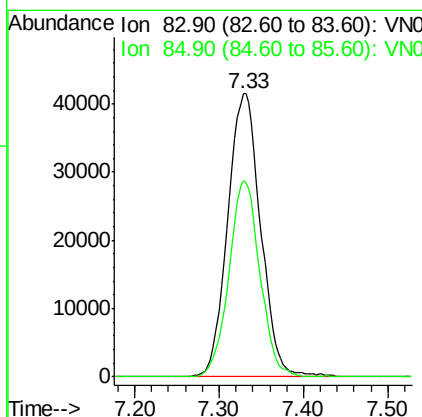
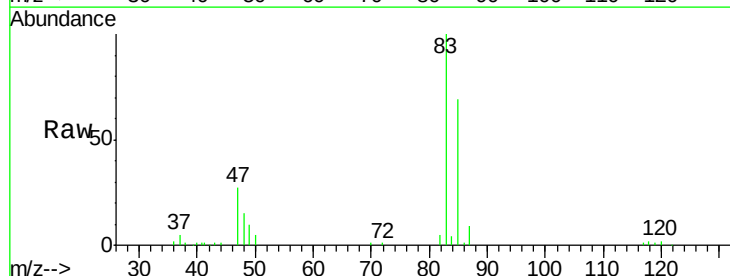
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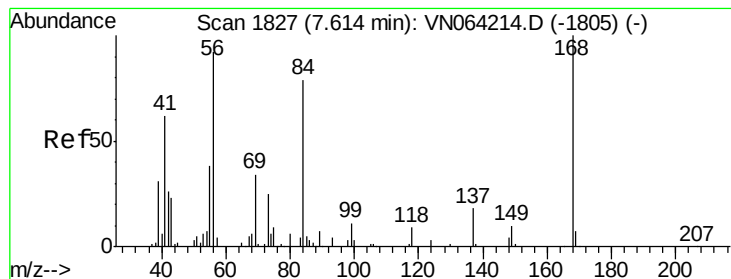
MMDadoda
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#30
Chloroform
Concen: 20.361 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.3	52.5	78.7





#31

Cyclohexane

Concen: 18.988 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

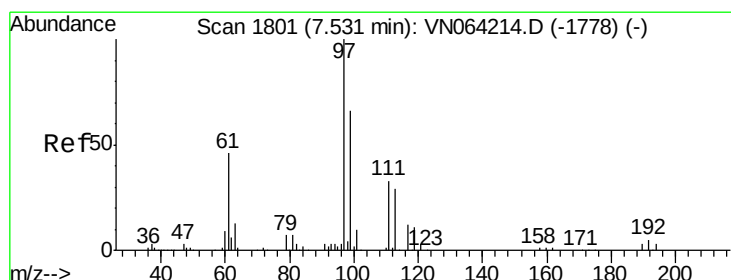
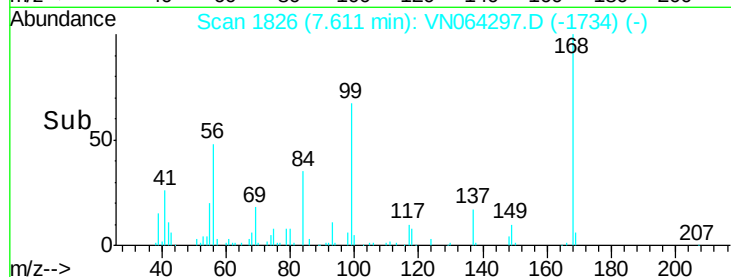
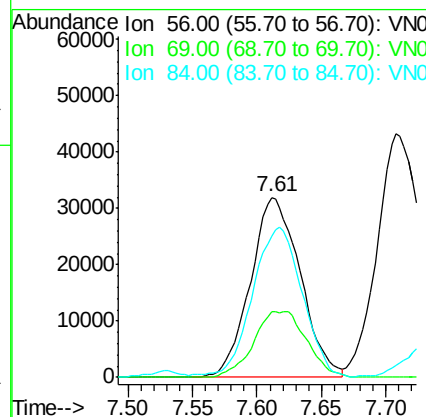
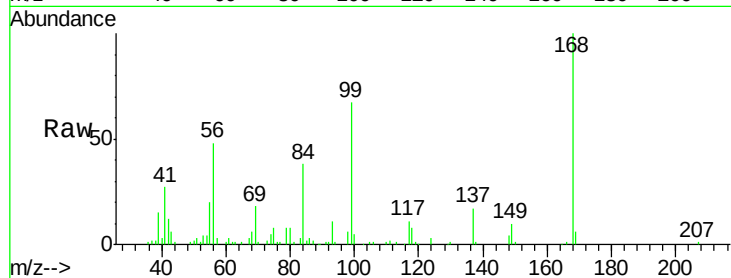
ClientSampleId :

VN1023WBS02

Tot Ion:	56	Resp:	85928
Ion	Ratio	Lower	Upper
56	100		
69	36.5	29.8	44.6
84	77.2	68.1	102.1

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 20.636 ug/l

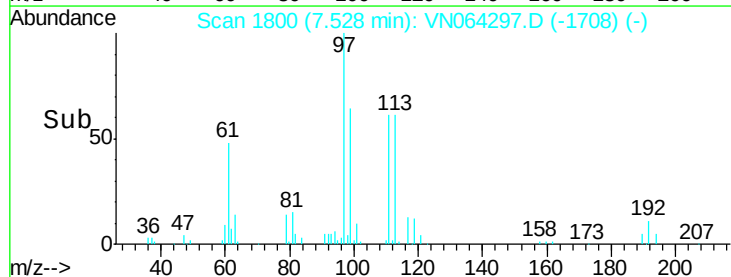
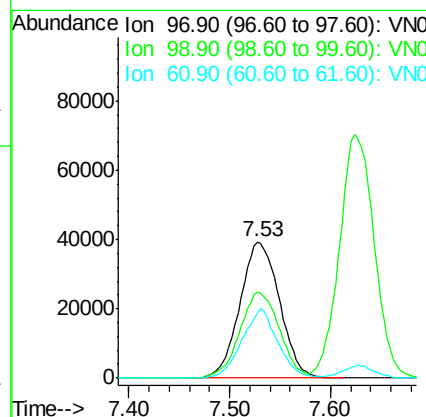
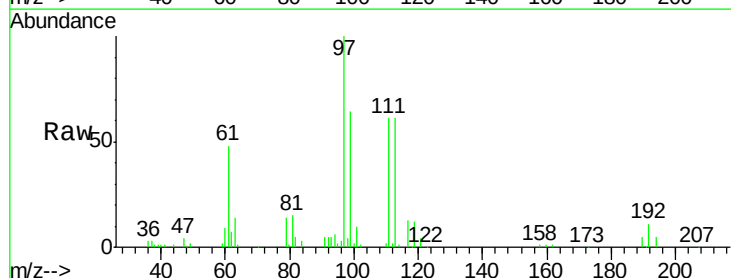
RT: 7.53 min Scan# 1800

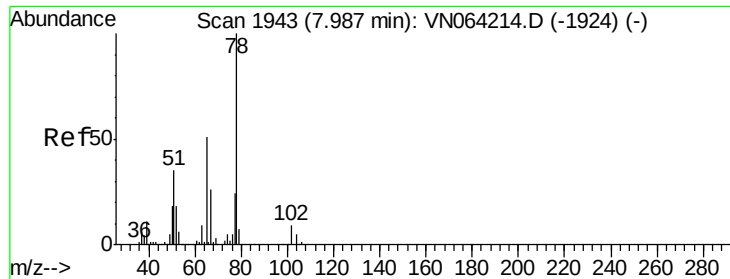
Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	97	Resp:	107075
Ion	Ratio	Lower	Upper
97	100		
99	63.1	51.2	76.8
61	46.0	36.3	54.5





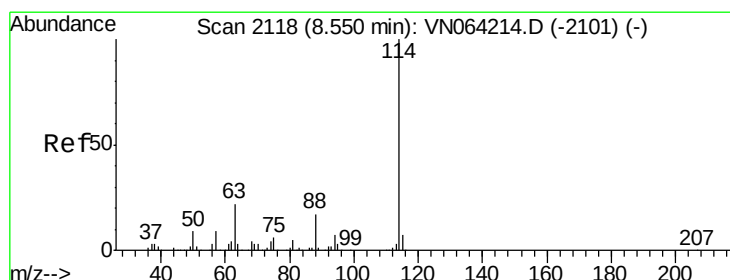
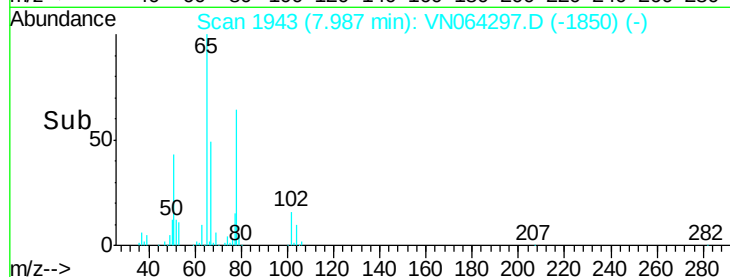
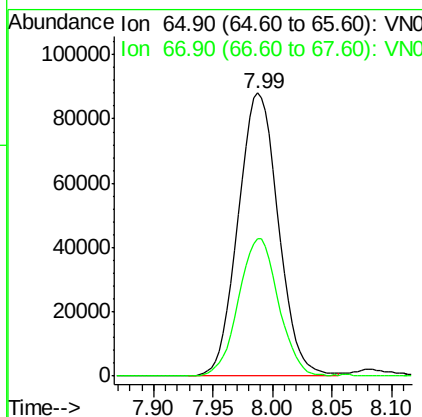
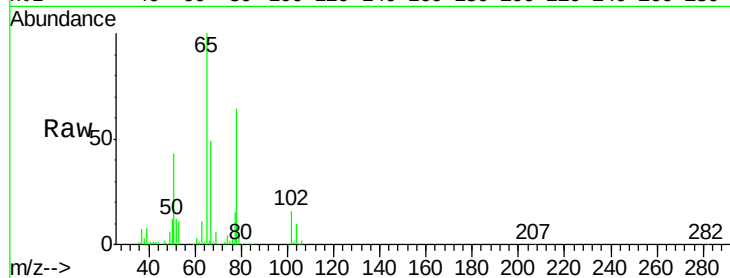
#33
 1,2-Dichloroethane-d4
 Concen: 54.233 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	48.1	0.0	100.2	

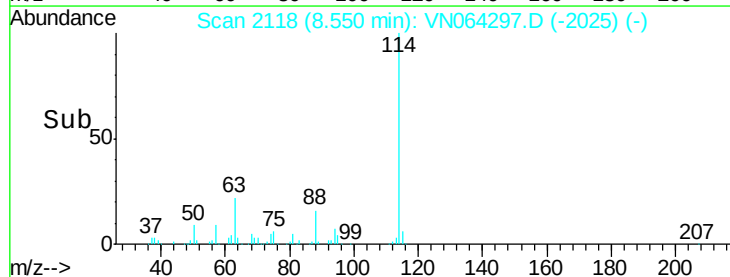
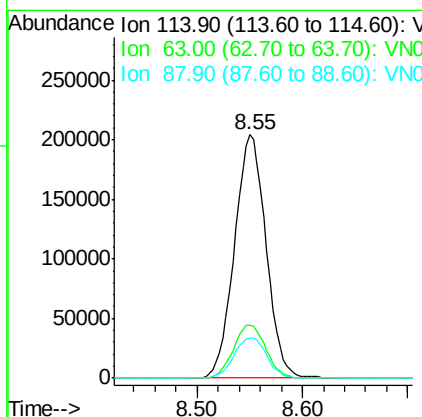
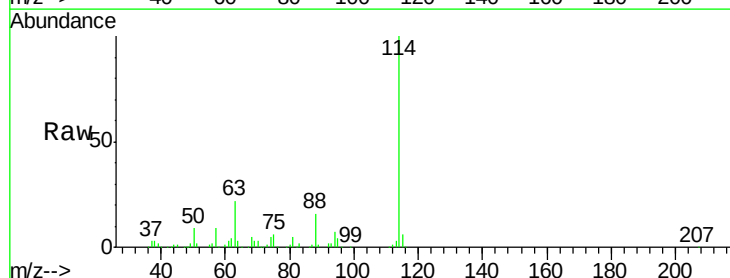
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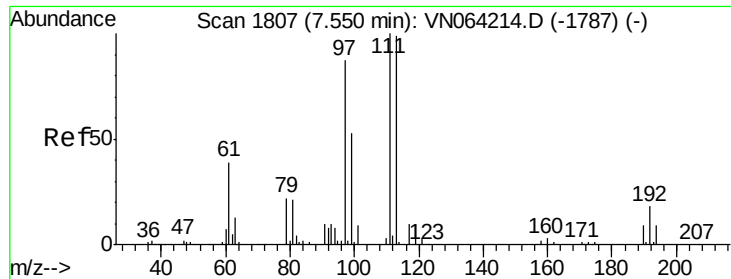
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	22.0	0.0	44.0	
88	16.4	0.0	34.2	





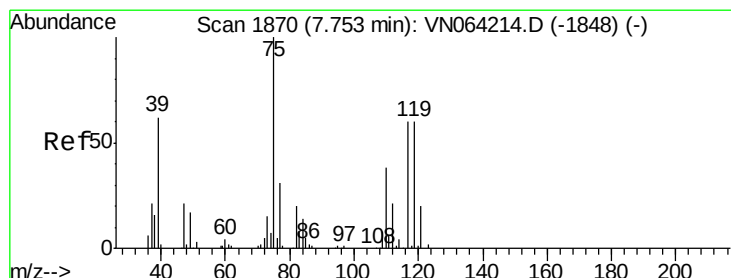
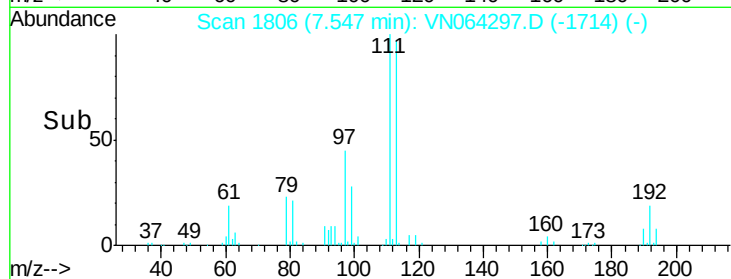
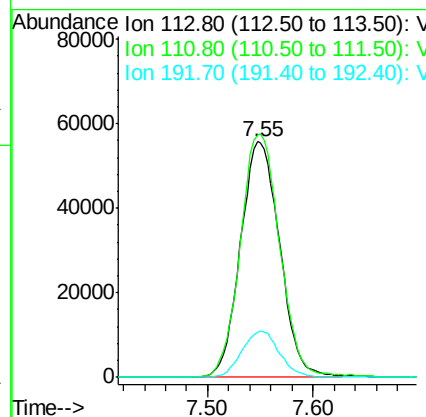
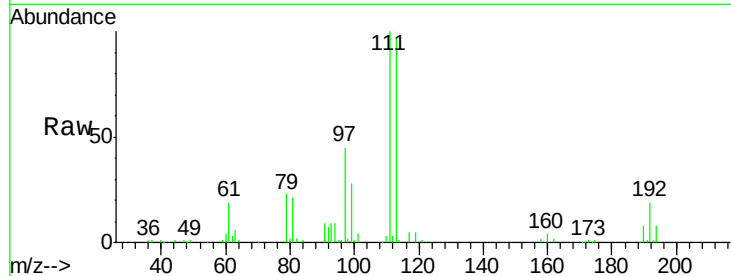
#35
 Dibromofluoromethane
 Concen: 51.269 ug/l
 RT: 7.55 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	84.2	126.2
192	18.7	15.2	22.8

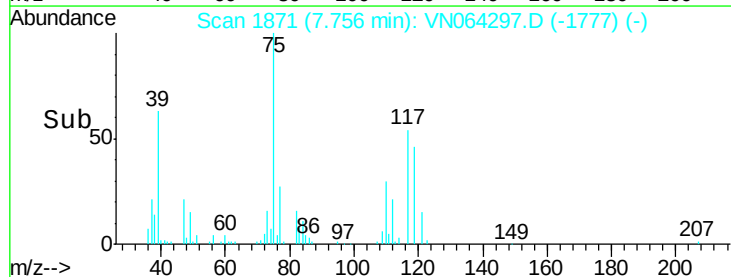
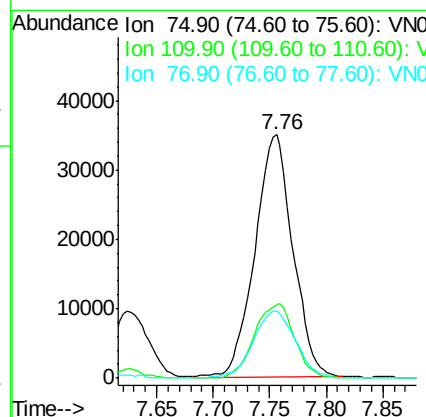
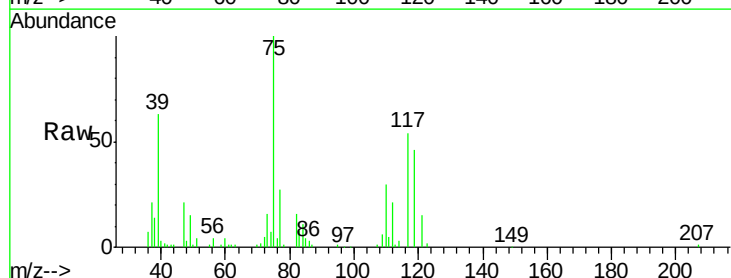
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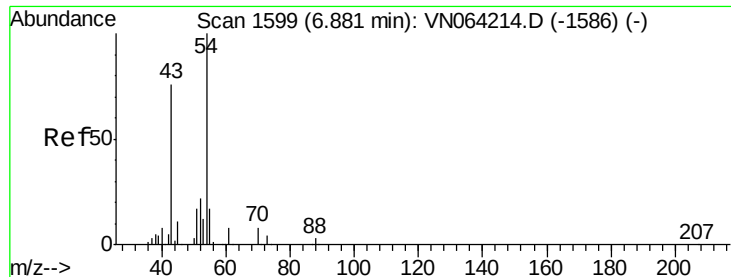
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 19.281 ug/l
 RT: 7.76 min Scan# 1871
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.5	17.2	51.6
77	30.7	24.9	37.3





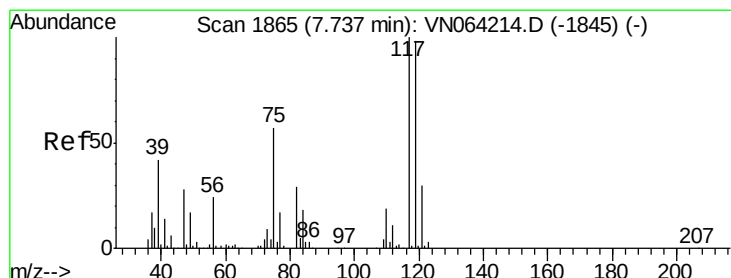
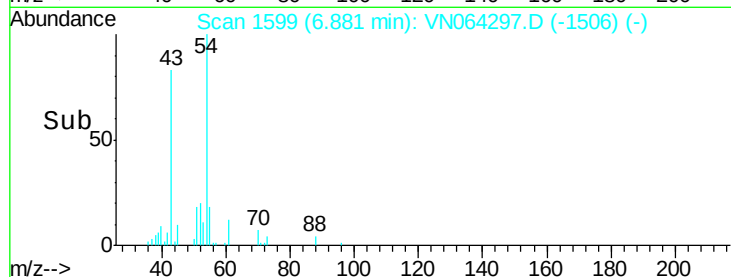
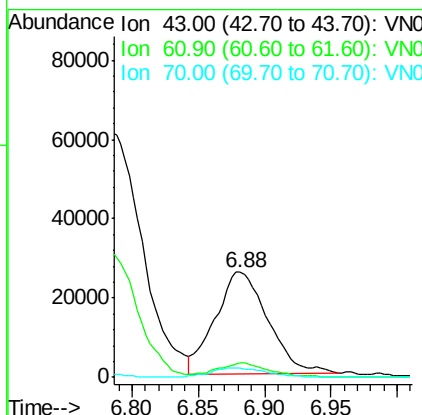
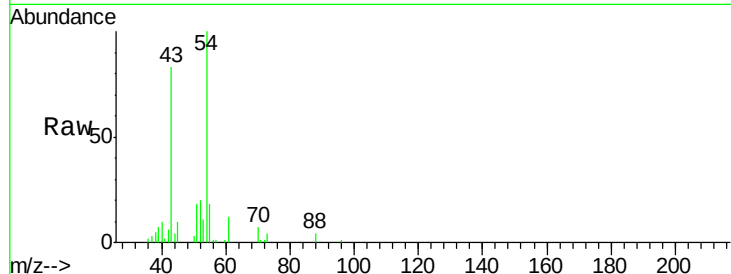
#37
Ethyl Acetate
Concen: 18.692 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	43	Resp	71622
Ion Ratio	100	Lower	Upper
43	100		
61	13.9	10.0	15.0
70	9.5	7.5	11.3

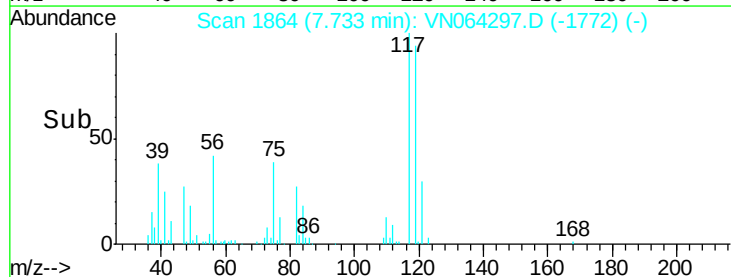
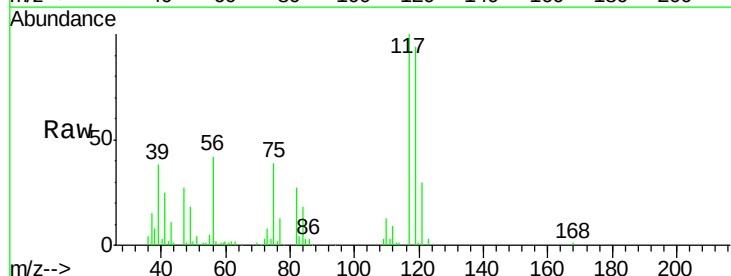
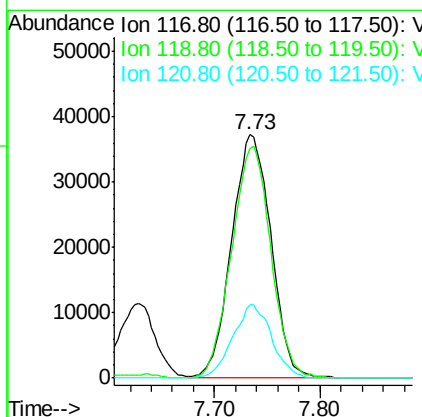
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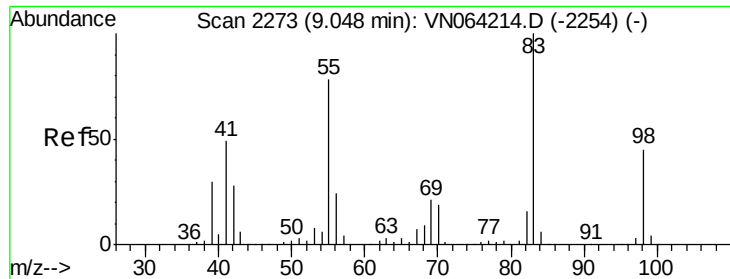
MMDadoda
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#38
Carbon Tetrachloride
Concen: 20.127 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	117	Resp	96645
Ion Ratio	100	Lower	Upper
117	100		
119	94.1	78.5	117.7
121	30.1	24.3	36.5





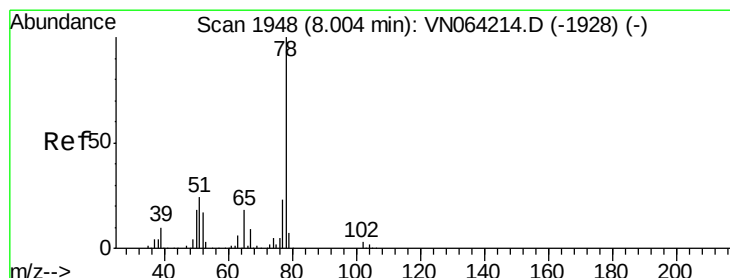
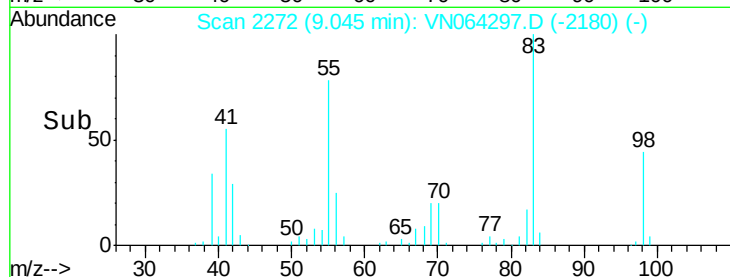
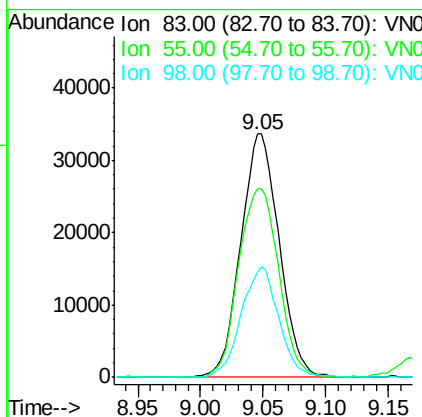
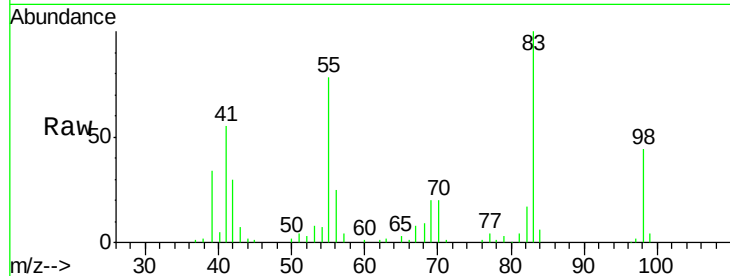
#39
Methylvlcyclohexane
Concen: 18.725 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.6	62.2	93.2
98	43.5	35.9	53.9

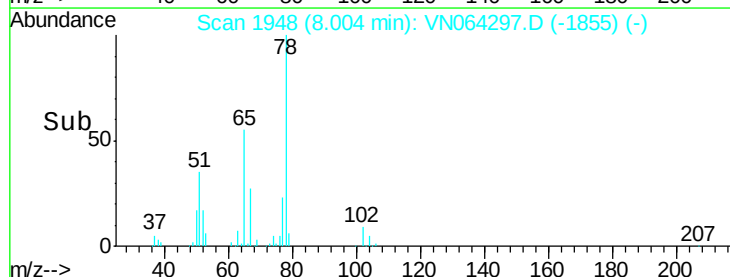
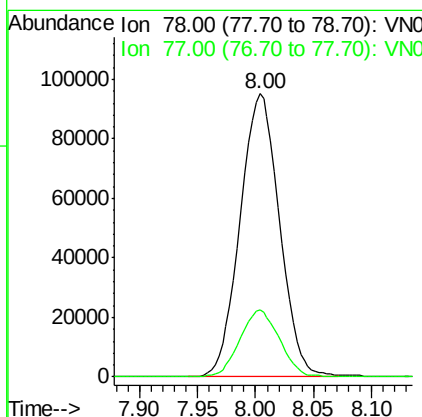
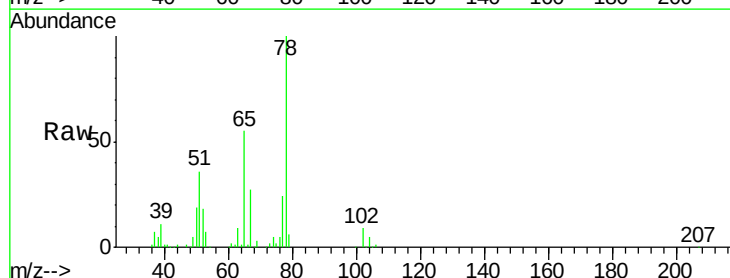
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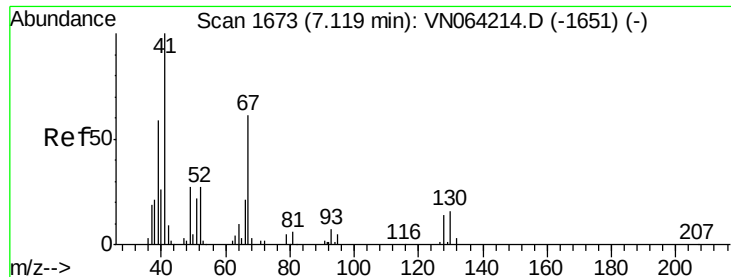
MMDadoda
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#40
Benzene
Concen: 19.378 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.3	27.5





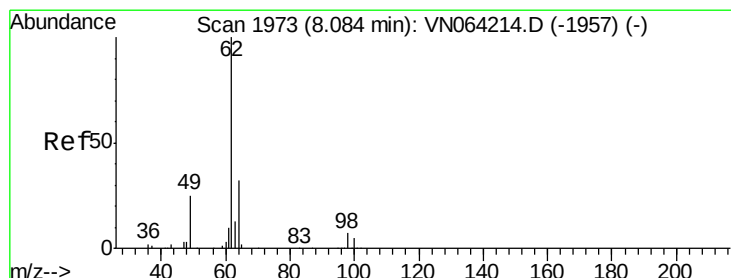
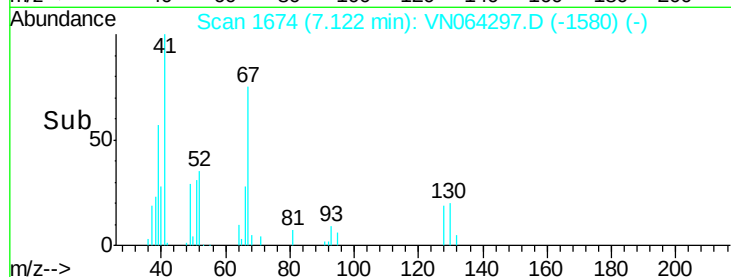
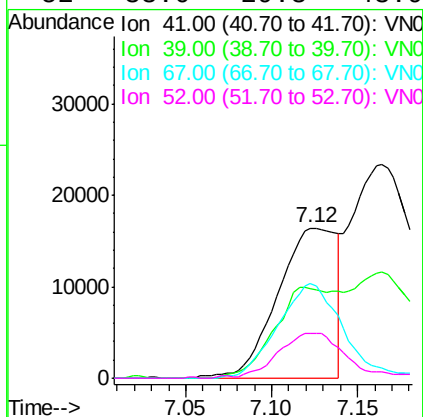
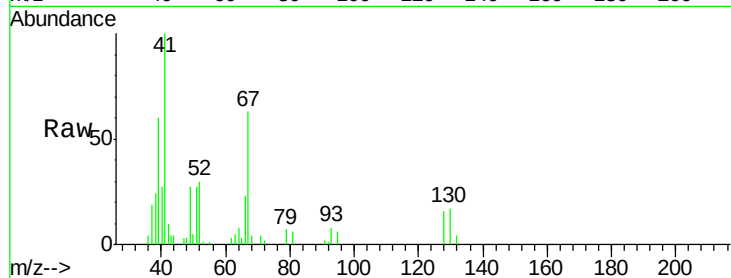
#41
Methacrylonitrile
Concen: 19.392 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.5	50.5	75.7	
67	71.0	63.2	94.8	
52	33.0	29.3	43.9	

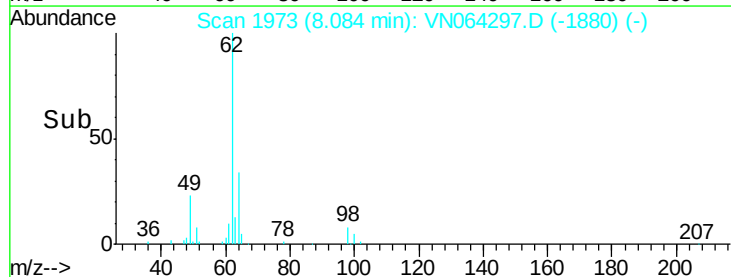
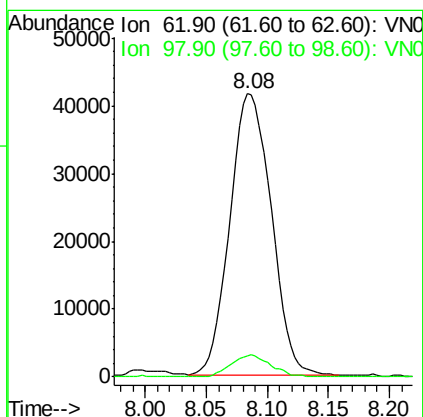
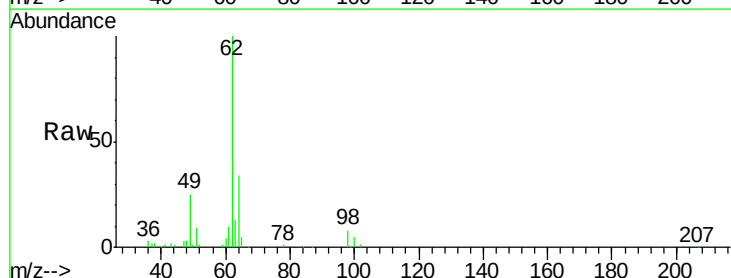
Manual Integrations
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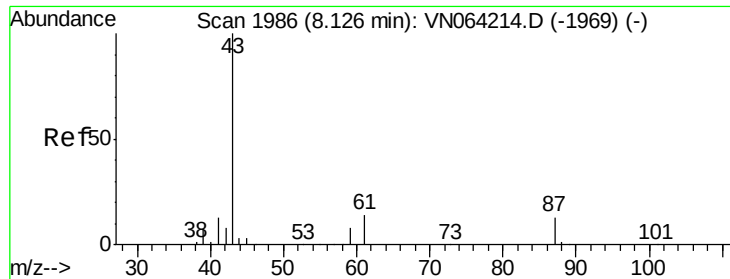
MMDadoda
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#42
1,2-Dichloroethane
Concen: 19.684 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	7.4	0.0	15.0	





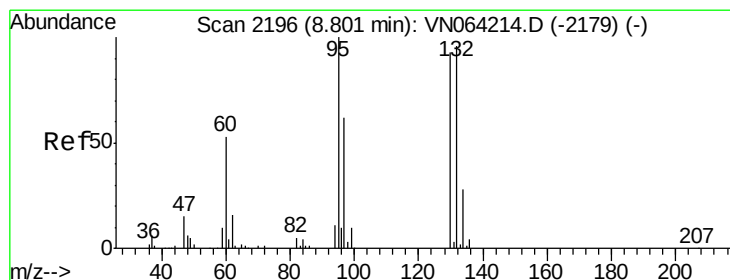
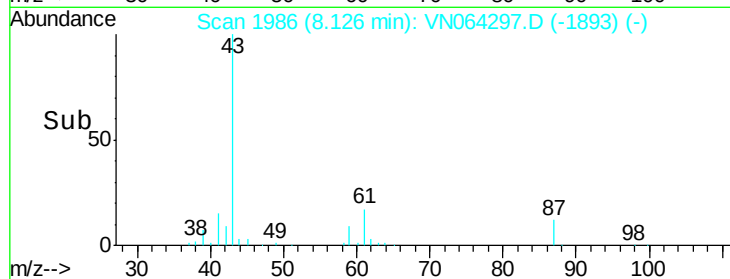
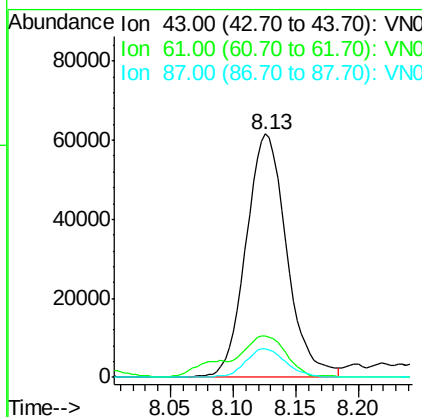
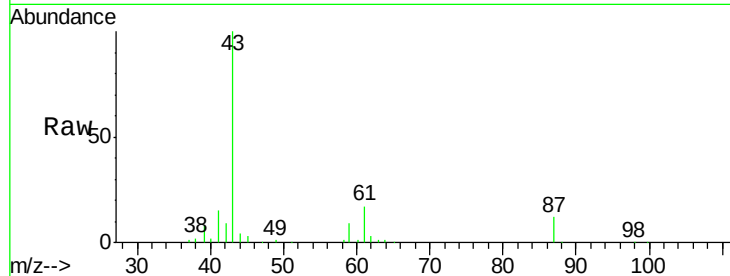
#43
Isopropyl Acetate
Concen: 19.546 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
61	17.2	19.6	29.4#
87	11.6	9.8	14.6

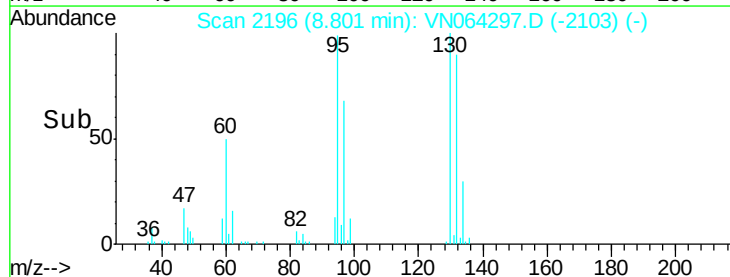
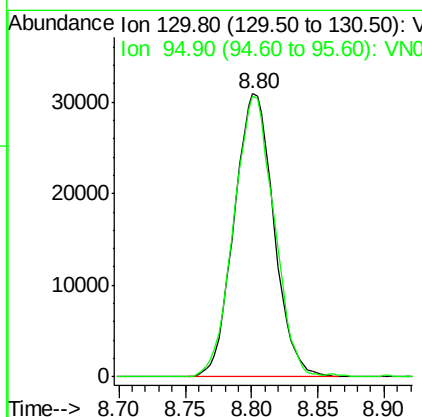
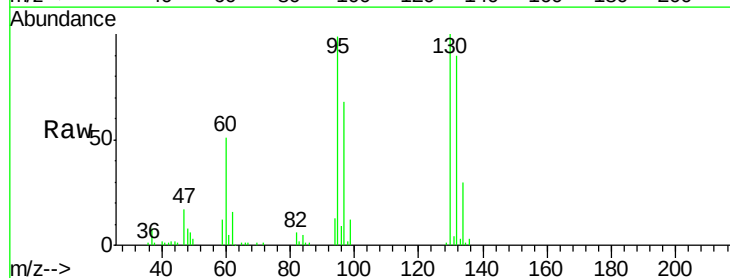
Manual Integrations
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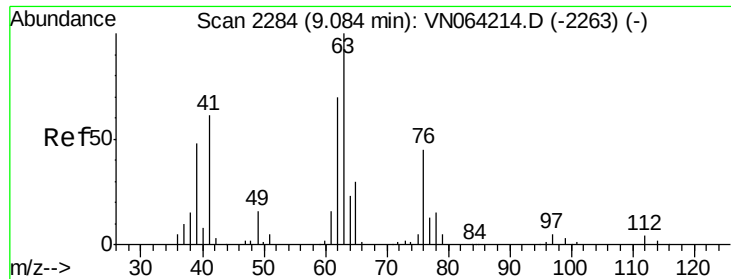
MMDadoda
10/26/2020 1:39:17 PM



#44
Trichloroethene
Concen: 20.231 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	214.0





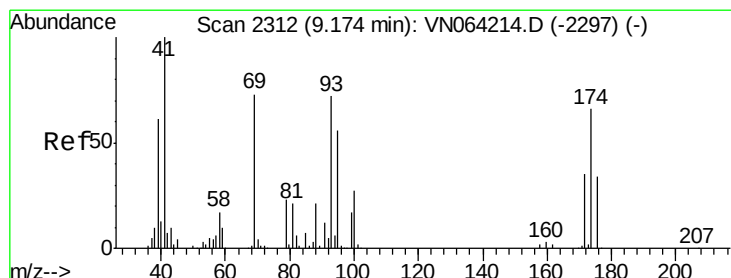
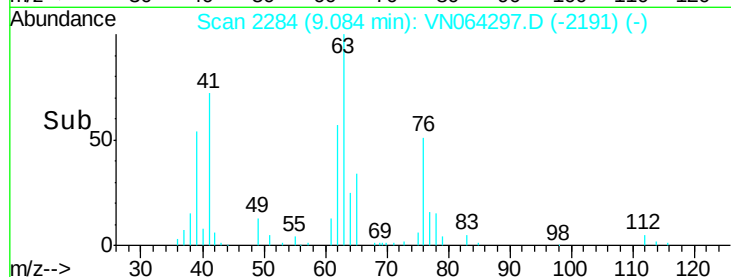
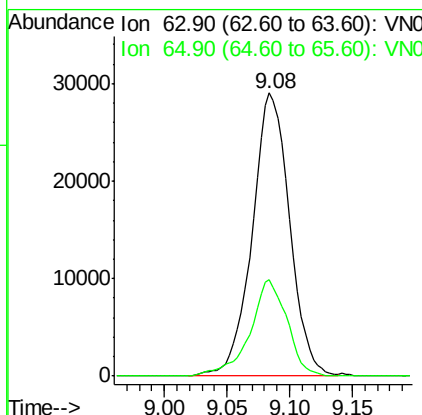
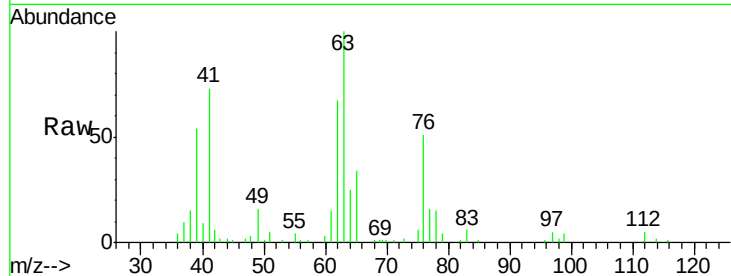
#45
 1,2-Dichloropropane
 Concen: 19.475 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion: 63 Resp: 60570
 Ion Ratio Lower Upper
 63 100
 65 34.1 24.0 36.0

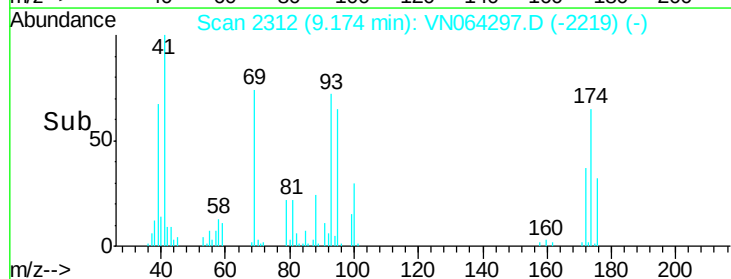
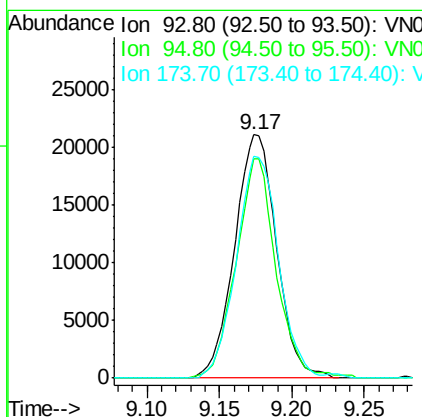
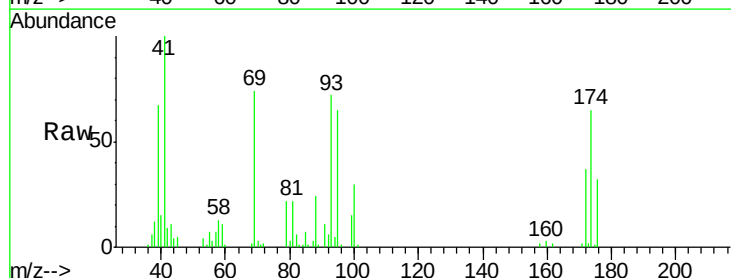
Manual Integrations
 APPROVED

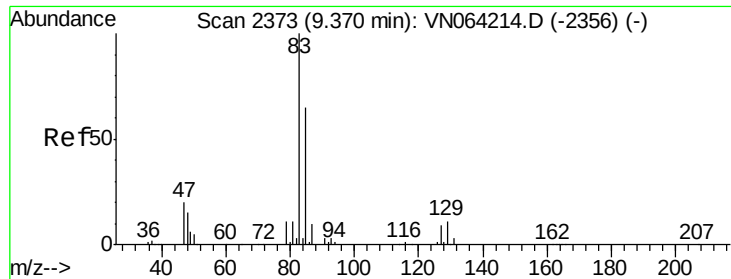
MMDadoda
 10/26/2020 1:39:17 PM



#46
 Dibromomethane
 Concen: 20.362 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 93 Resp: 42523
 Ion Ratio Lower Upper
 93 100
 95 85.9 63.0 94.4
 174 91.3 72.9 109.3





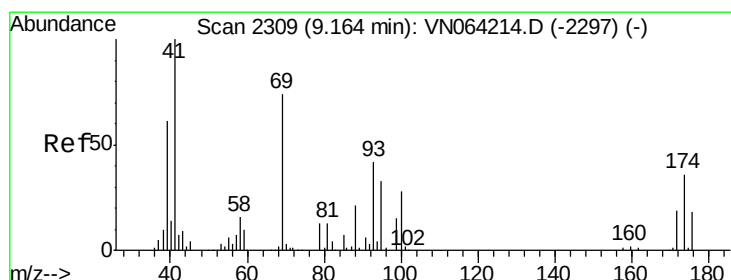
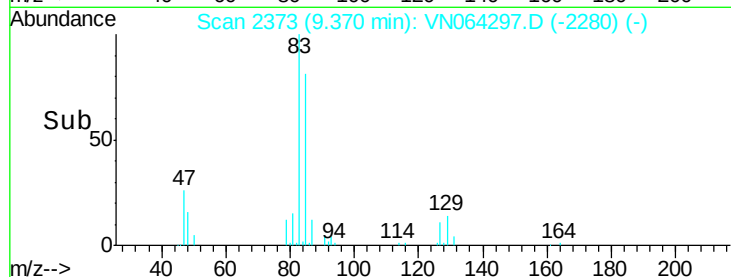
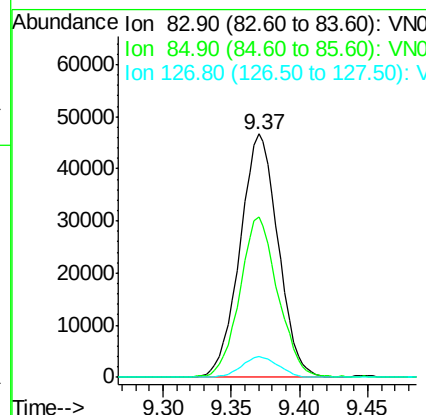
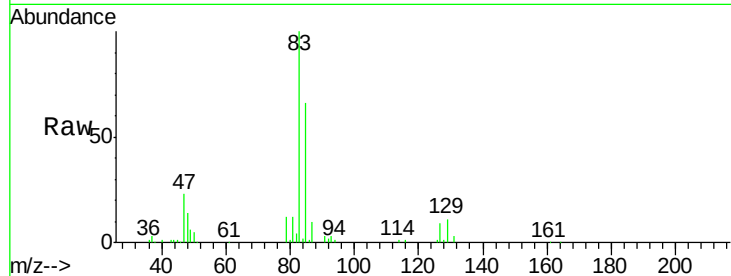
#47
Bromodichloromethane
Concen: 19.605 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	83	Resp	90452
Ion Ratio	100	Lower	Upper
83	100		
85	65.9	51.8	77.8
127	8.6	7.4	11.0

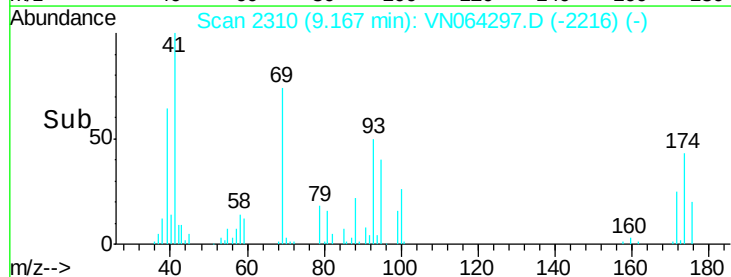
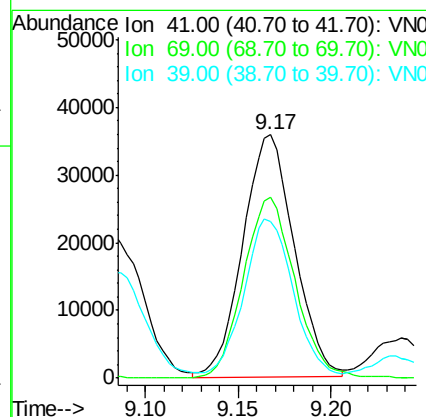
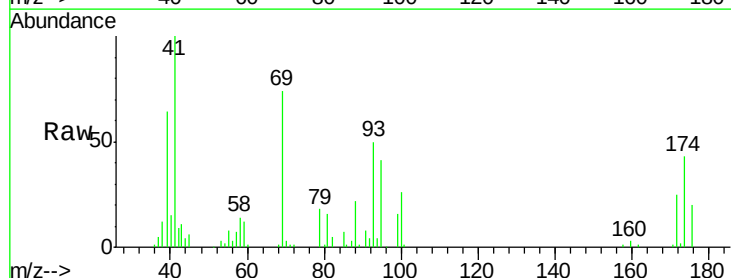
Manual Integrations
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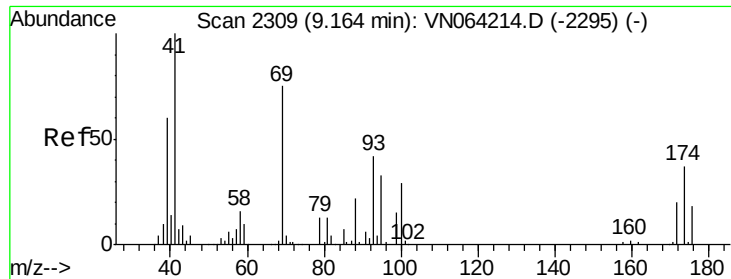
MMDadoda
10/26/2020 1:39:17 PM



#48
Methyl methacrylate
Concen: 18.444 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	41	Resp	68802
Ion Ratio	100	Lower	Upper
41	100		
69	74.8	57.3	85.9
39	63.3	48.6	73.0





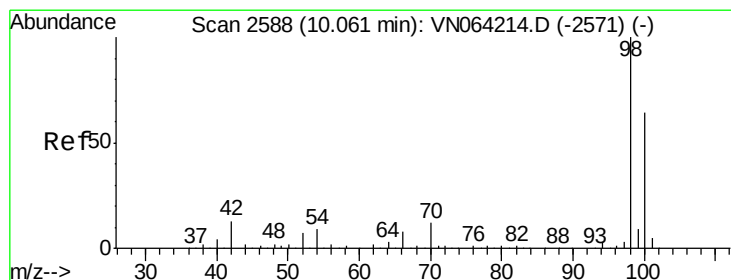
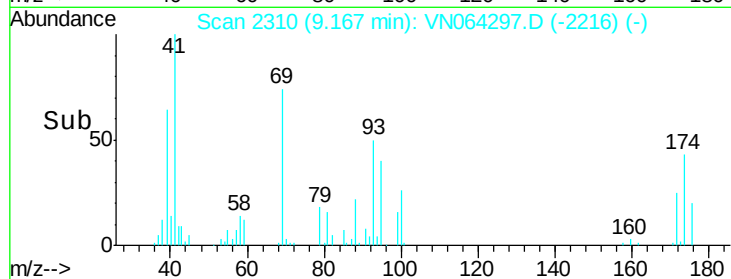
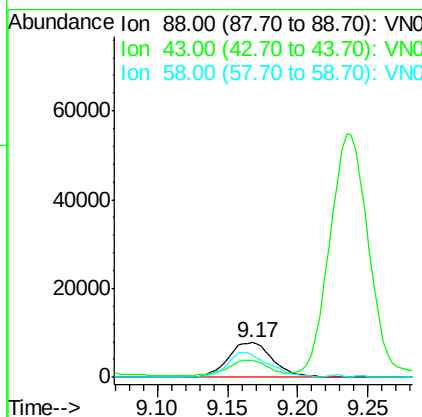
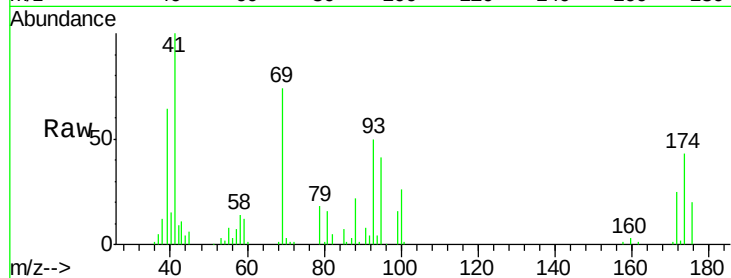
#49
1,4-Dioxane
Concen: 398.373 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	42.8	34.6	52.0
58	67.5	59.0	88.6

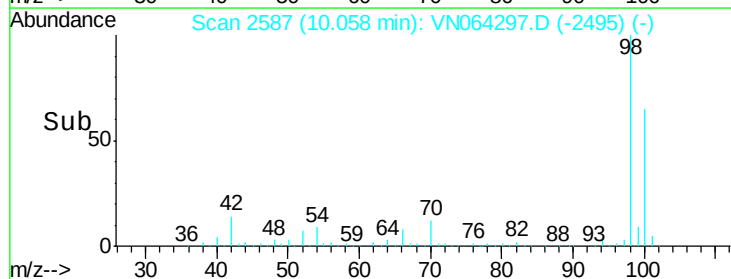
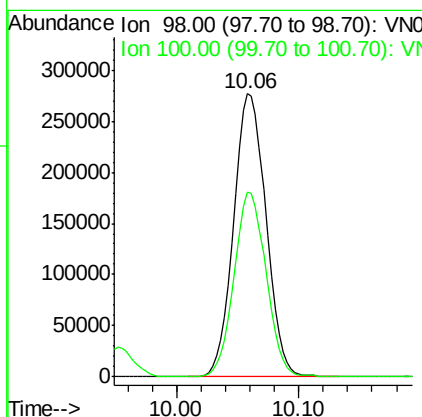
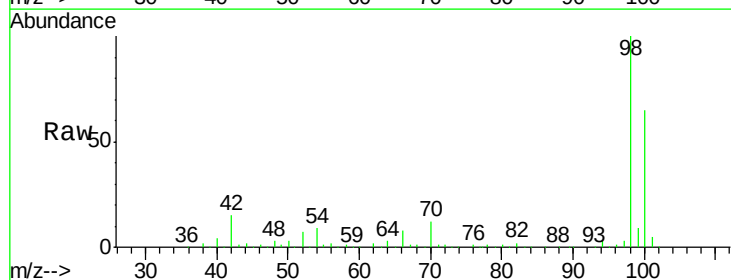
Manual Integrations
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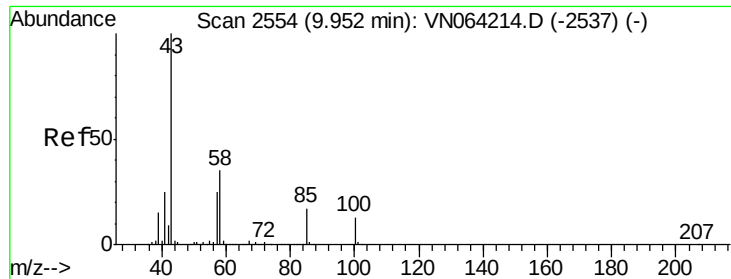
MMDadoda
10/26/2020 1:39:17 PM



#50
Toluene-d8
Concen: 49.933 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.8	76.2





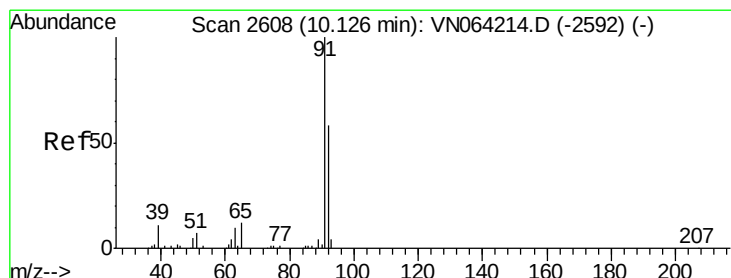
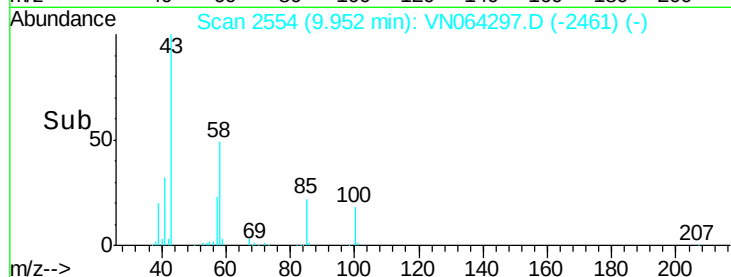
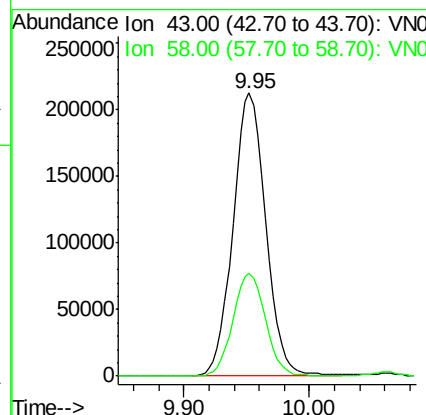
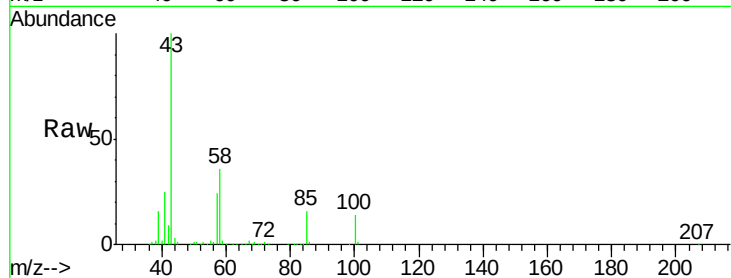
#51
 4-Methyl-2-Pentanone
 Concen: 100.206 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
43	100		
58	36.3	28.6	42.8

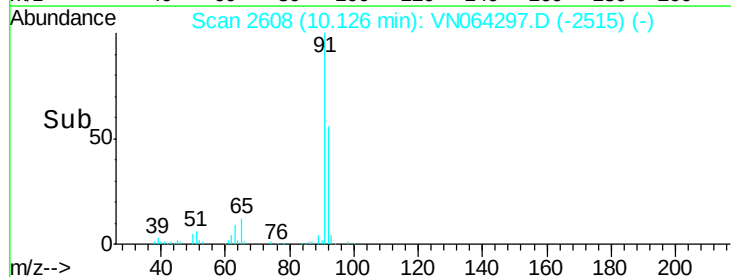
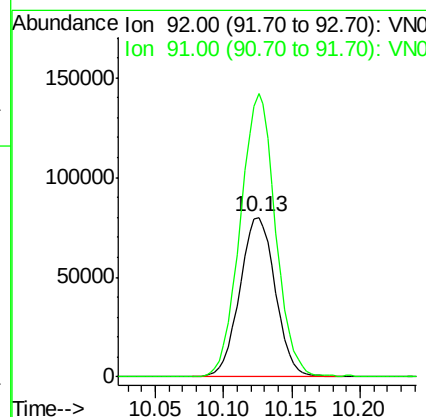
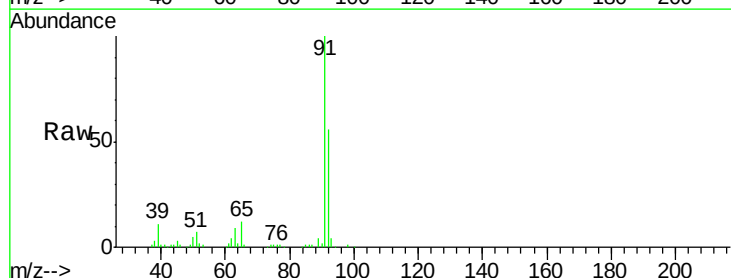
Manual Integrations
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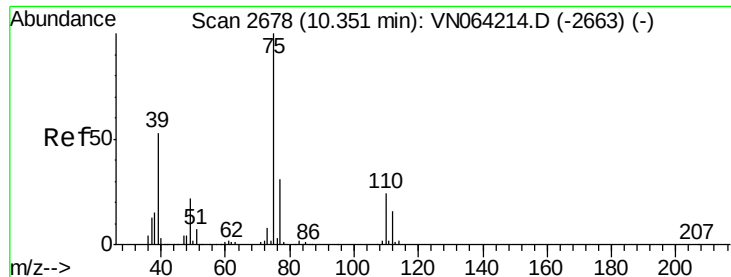
MMDadoda
 10/26/2020 1:39:17 PM



#52
 Toluene
 Concen: 19.416 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.4	137.4	206.2





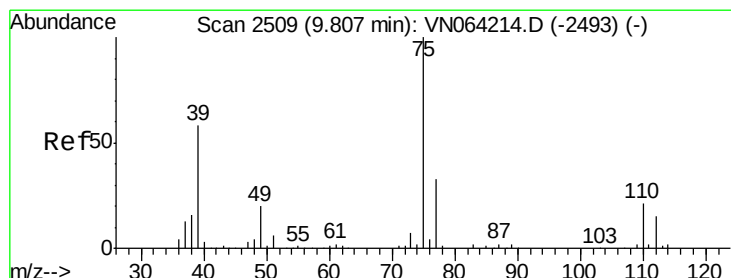
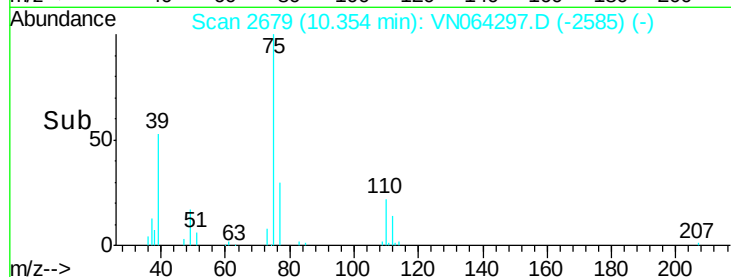
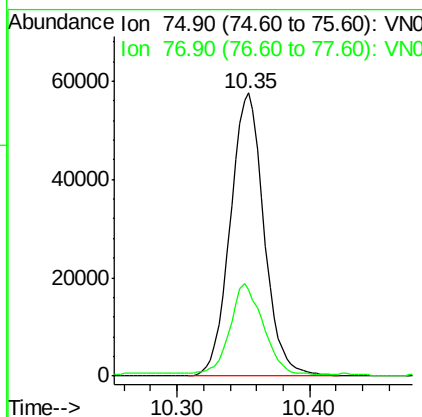
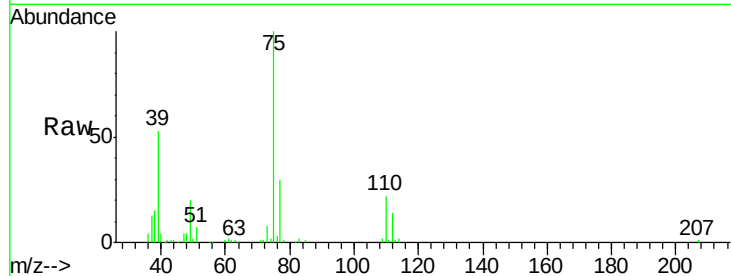
#53
t-1,3-Dichloropropene
Concen: 19.867 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 75 Resp: 101823
Ion Ratio Lower Upper
75 100
77 29.7 25.4 38.2

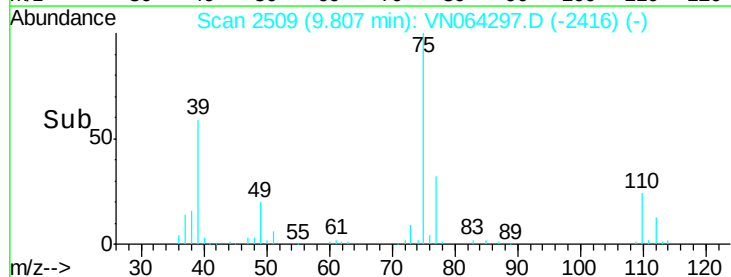
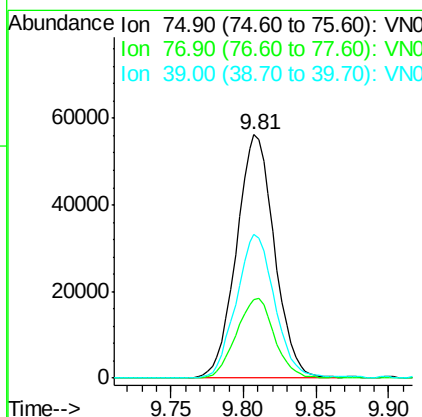
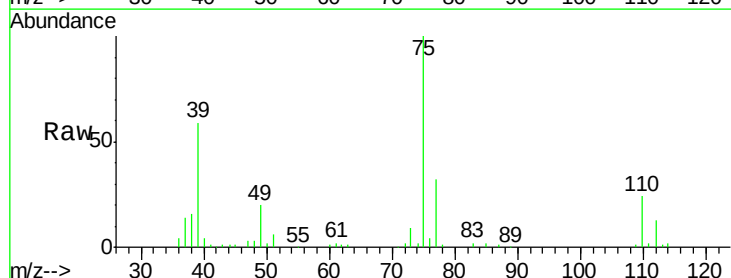
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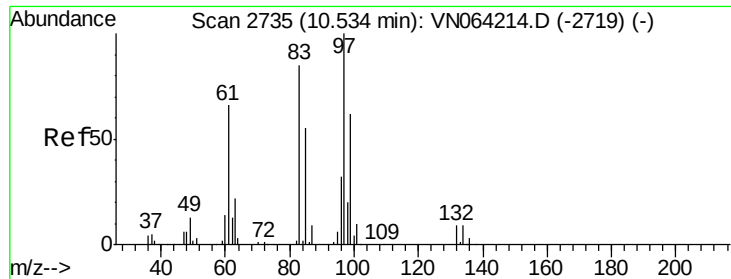
MMDadoda
10/26/2020 1:39:17 PM



#54
cis-1,3-Dichloropropene
Concen: 19.013 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 75 Resp: 102601
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8
39 58.9 46.7 70.1





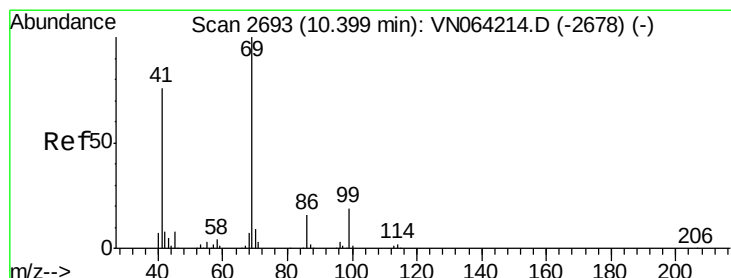
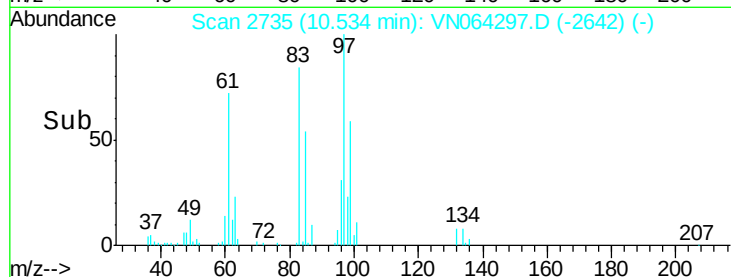
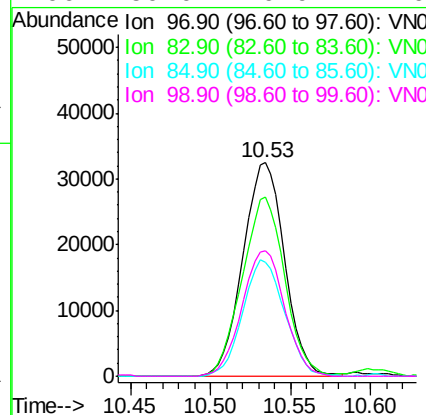
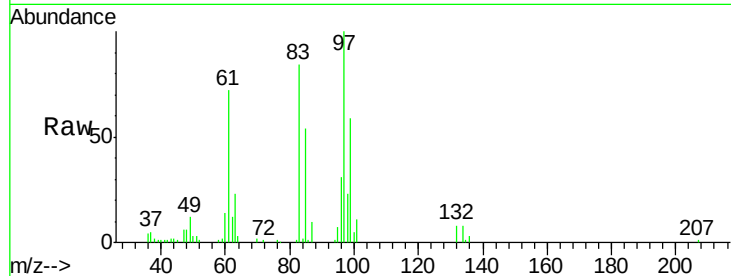
#55
 1,1,2-Trichloroethane
 Concen: 20.572 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.2	67.8	101.6
85	53.6	43.6	65.4
99	59.0	49.9	74.9

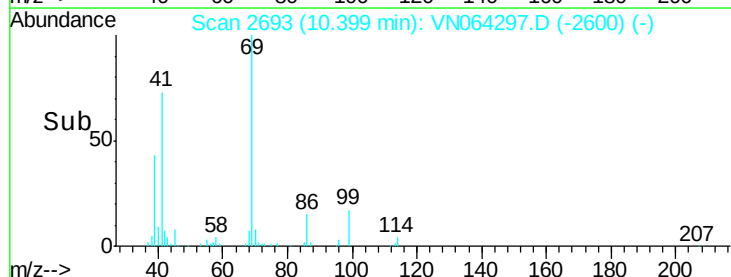
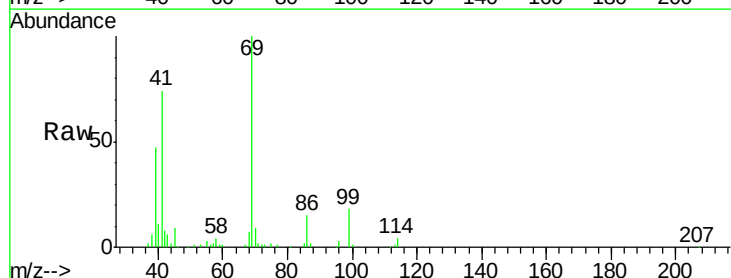
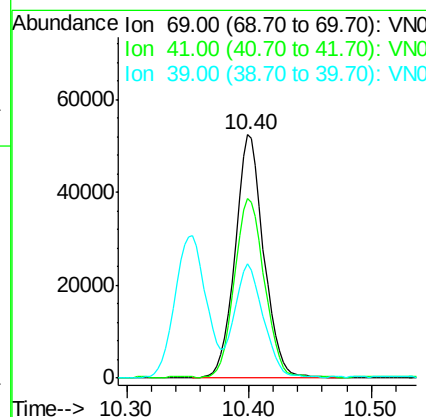
Manual Integrations
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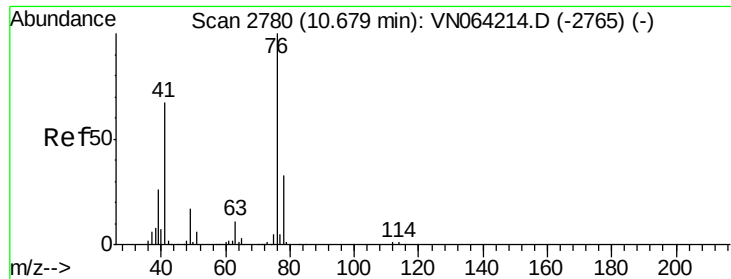
MMDadoda
 10/26/2020 1:39:17 PM



#56
 Ethyl methacrylate
 Concen: 19.642 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
69	100		
41	76.6	61.4	92.2
39	47.6	36.0	54.0





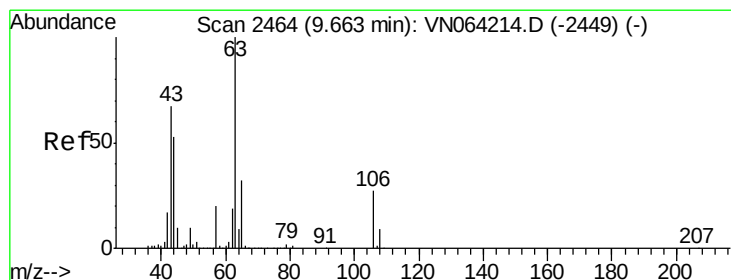
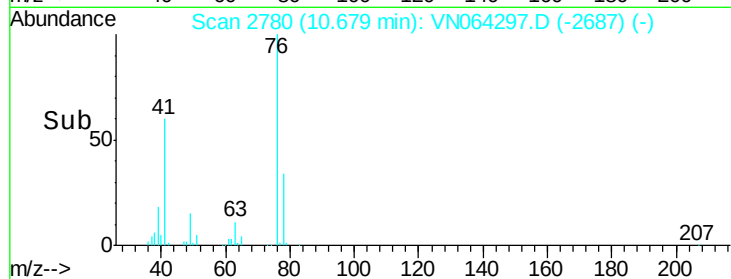
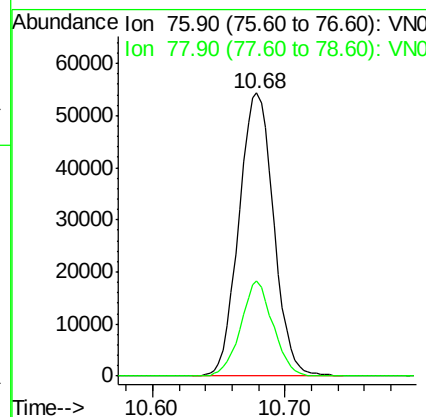
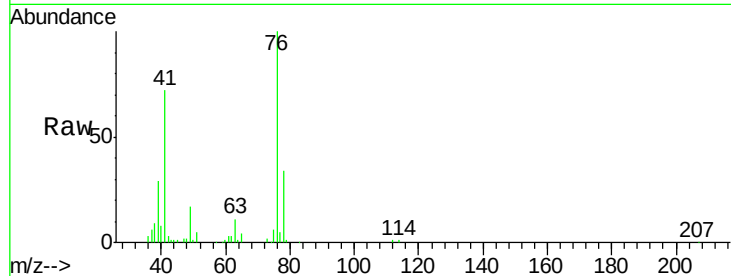
#57
 1,3-Dichloropropane
 Concen: 20.229 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.1	26.2	39.2

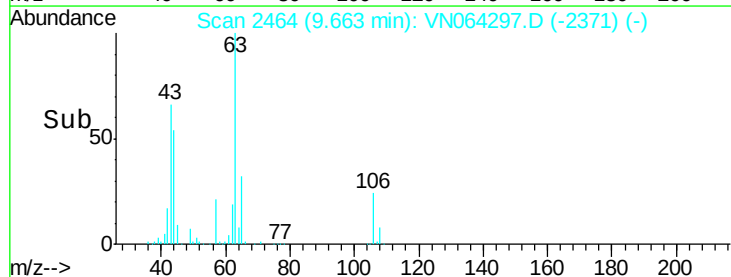
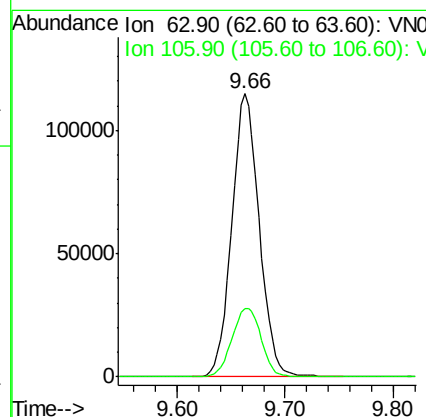
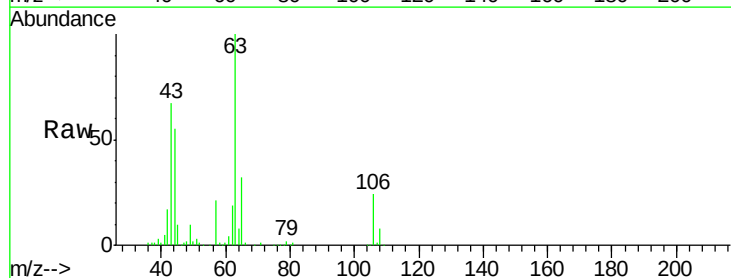
Manual Integrations
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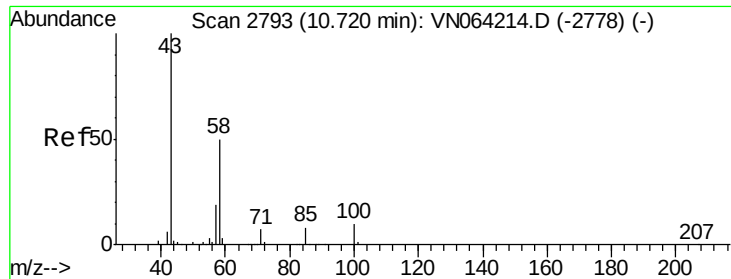
MMDadoda
 10/26/2020 1:39:17 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.968 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
63	100		
106	25.7	21.3	31.9





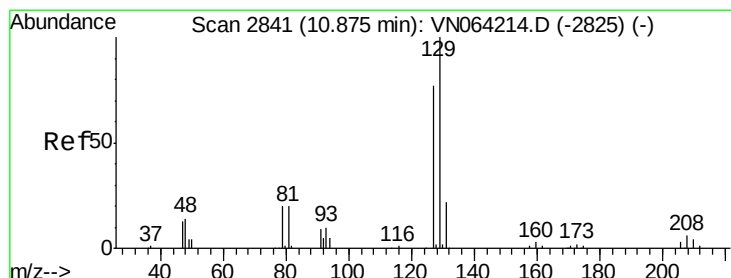
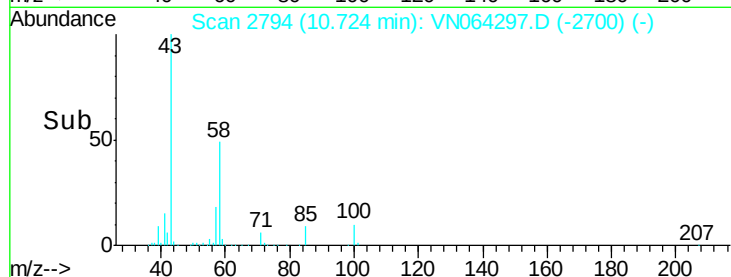
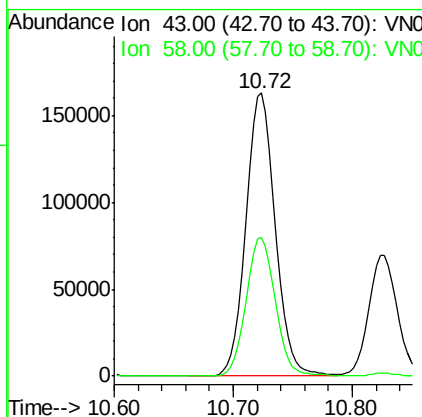
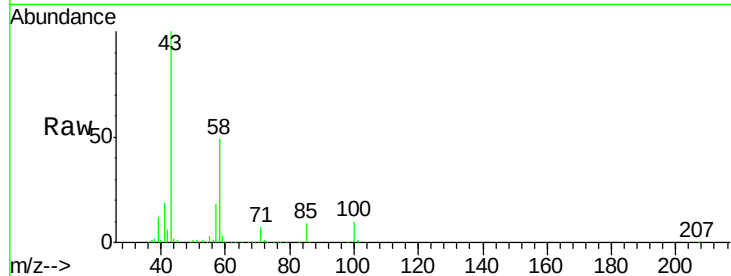
#59
2-Hexanone
Concen: 98.928 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 43 Resp: 275741
Ion Ratio Lower Upper
43 100
58 49.4 24.8 74.3

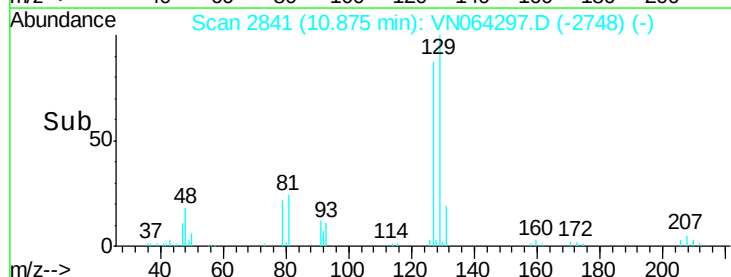
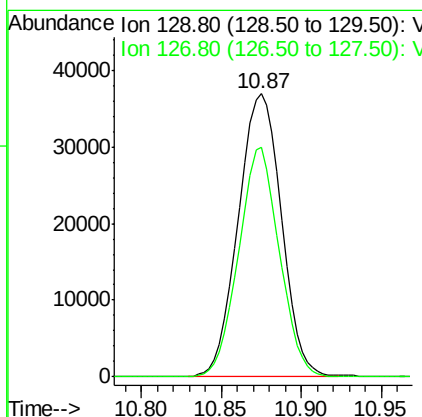
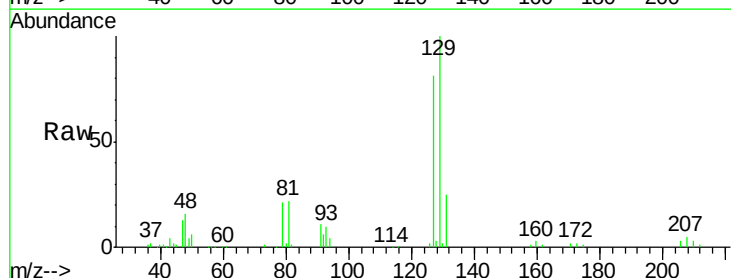
Manual Integrations
APPROVED

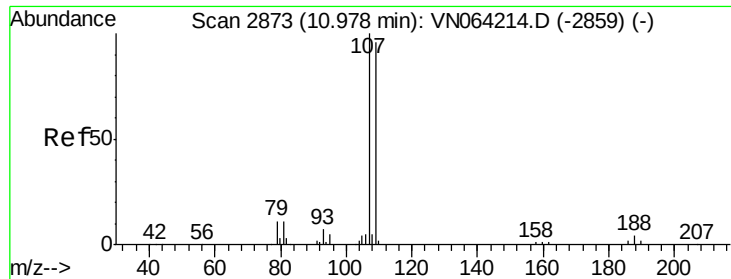
MMDadoda
10/26/2020 1:39:17 PM



#60
Dibromochloromethane
Concen: 18.683 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 129 Resp: 68091
Ion Ratio Lower Upper
129 100
127 76.1 38.8 116.3





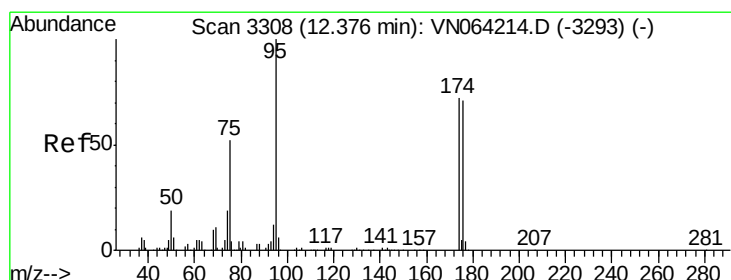
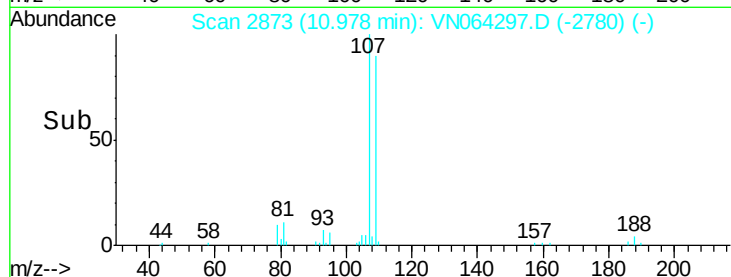
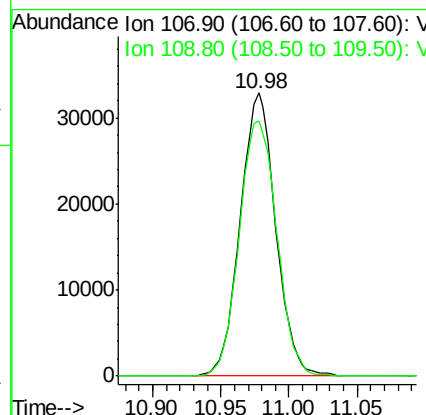
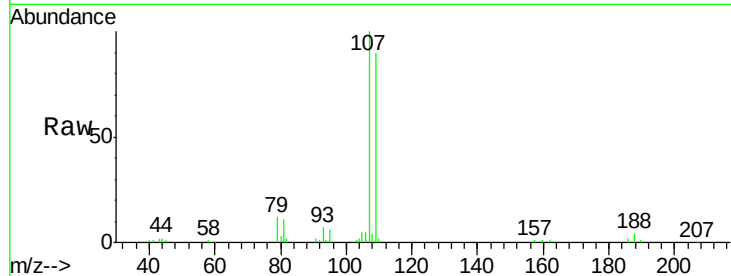
#61
 1,2-Dibromoethane
 Concen: 19.997 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion: 107 Resp: 59409
 Ion Ratio Lower Upper
 107 100
 109 95.6 76.2 114.4

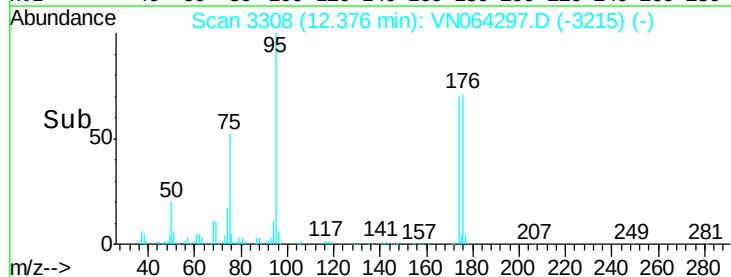
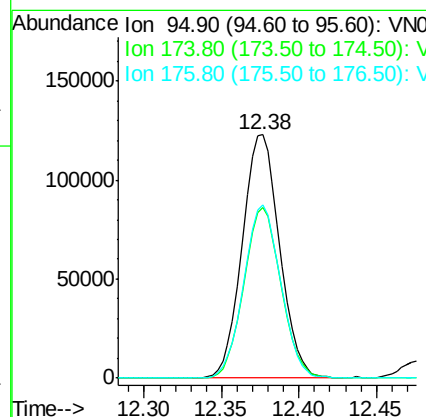
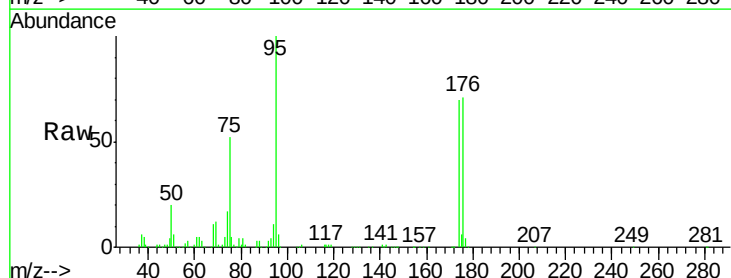
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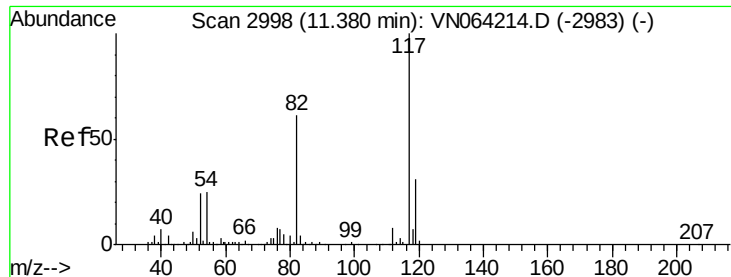
MMDadoda
 10/26/2020 1:39:17 PM



#62
 4-Bromofluorobenzene
 Concen: 49.897 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion: 95 Resp: 206514
 Ion Ratio Lower Upper
 95 100
 174 69.8 0.0 144.4
 176 70.4 0.0 139.2





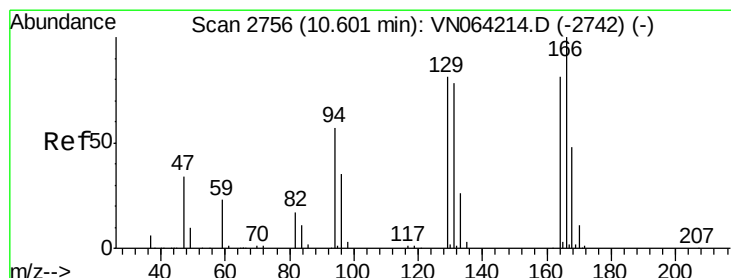
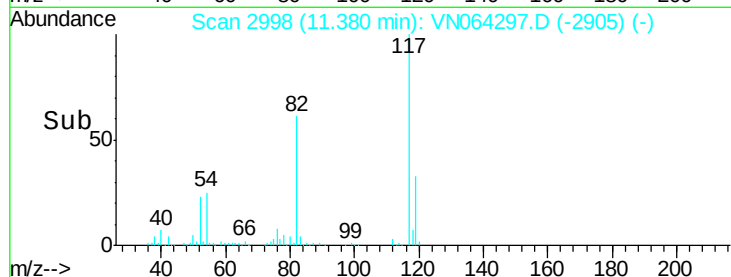
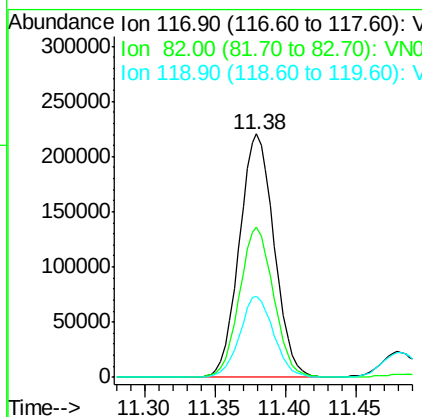
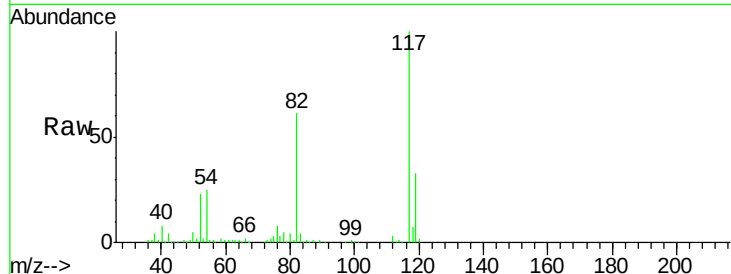
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	380984		
82	61.5	48.8	73.2	
119	33.3	24.7	37.1	

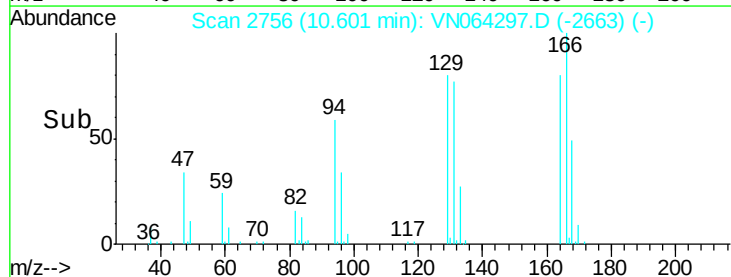
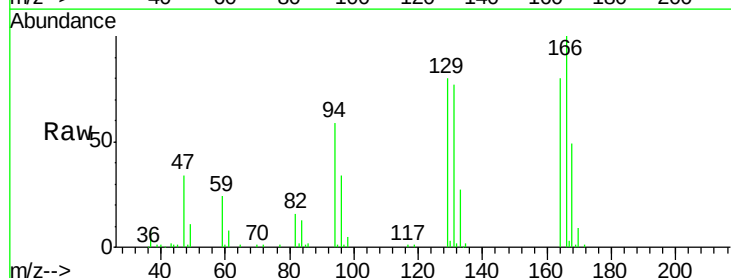
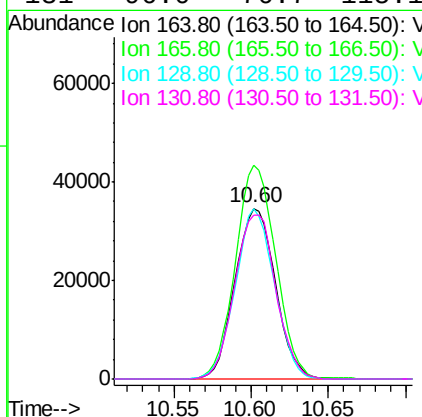
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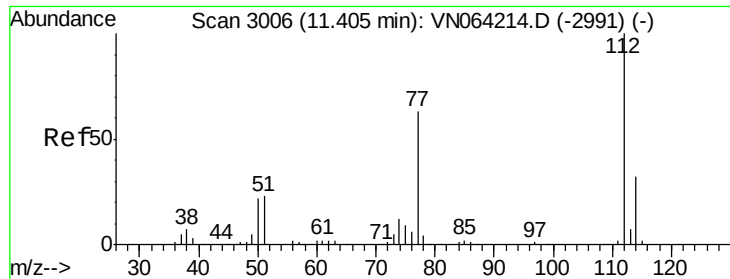
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#64
Tetrachloroethene
Concen: 20.536 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	62986		
166	125.3	98.9	148.3	
129	99.6	79.9	119.9	
131	96.0	76.7	115.1	





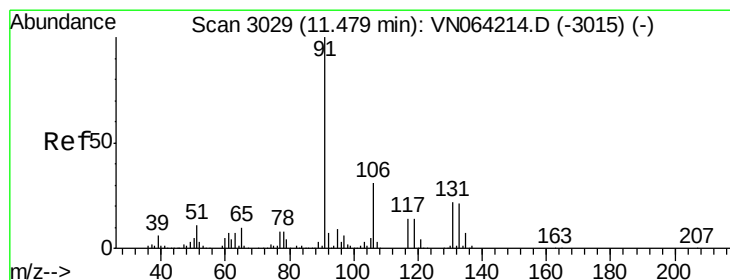
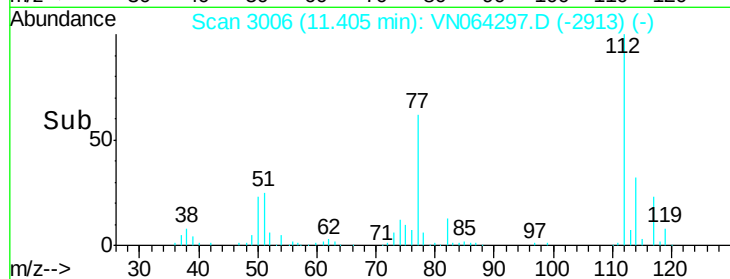
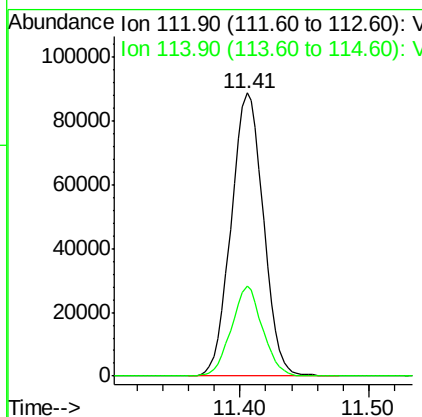
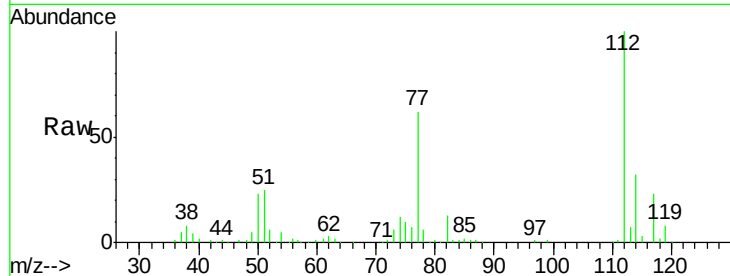
#65
Chlorobenzene
Concen: 19.560 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion:112 Resp: 154255
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

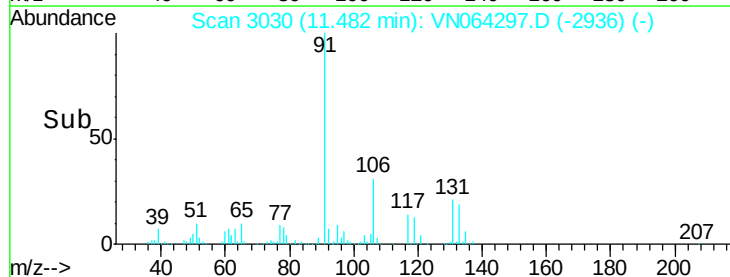
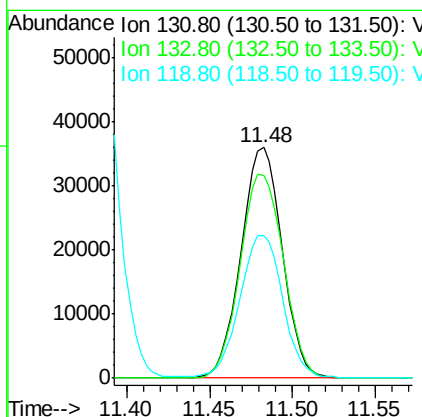
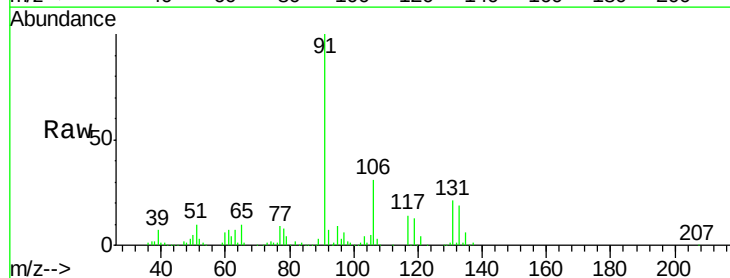
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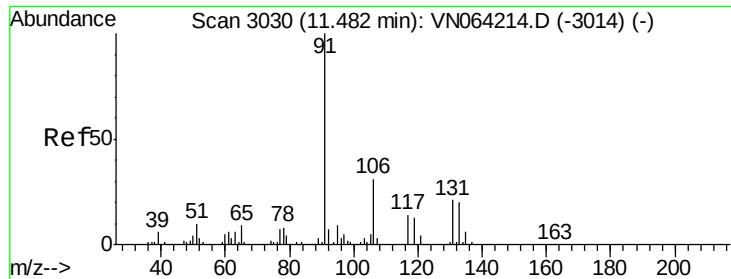
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.844 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion:131 Resp: 62119
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.4
119 64.8 32.2 96.6





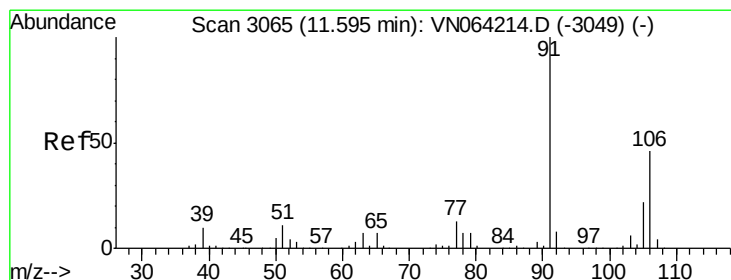
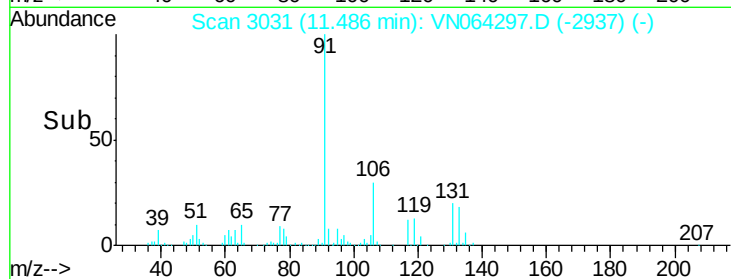
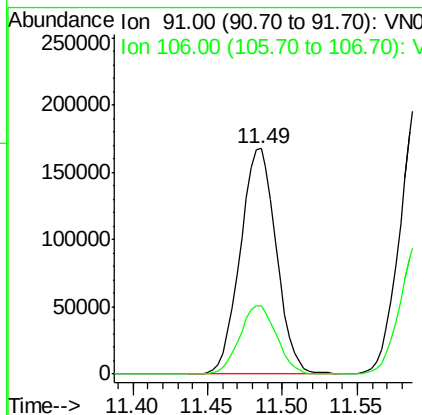
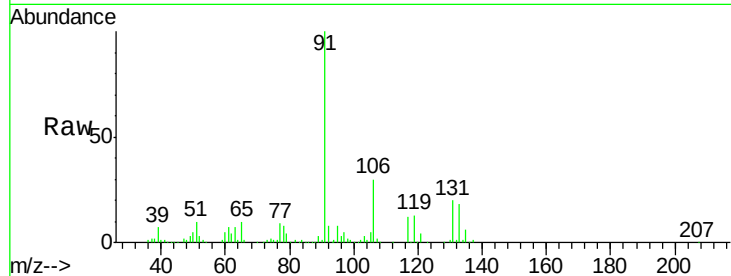
#67
Ethyl Benzene
Concen: 19.478 ug/l
RT: 11.49 min Scan# 3031
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion: 91 Resp: 282285
Ion Ratio Lower Upper
91 100
106 30.0 24.8 37.2

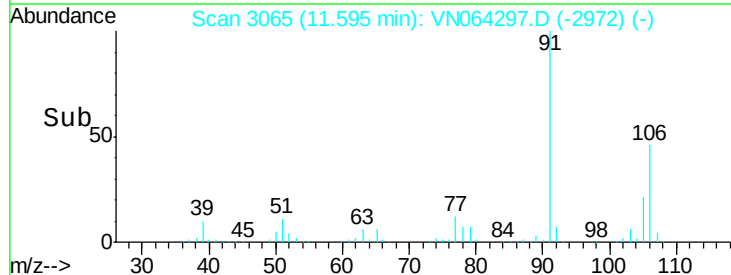
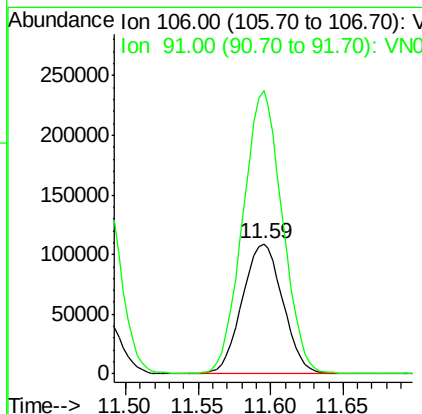
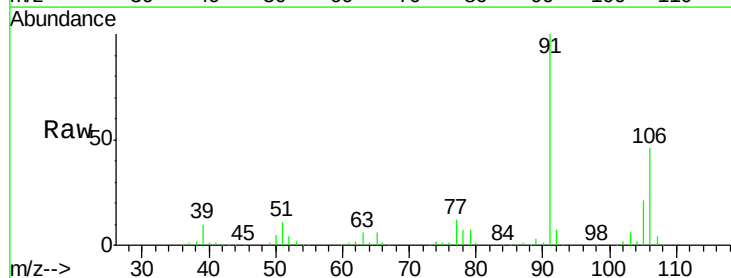
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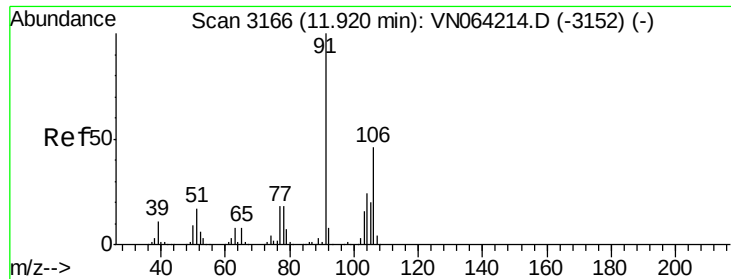
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#68
m/p-Xylenes
Concen: 39.684 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion: 106 Resp: 213089
Ion Ratio Lower Upper
106 100
91 211.2 172.2 258.2





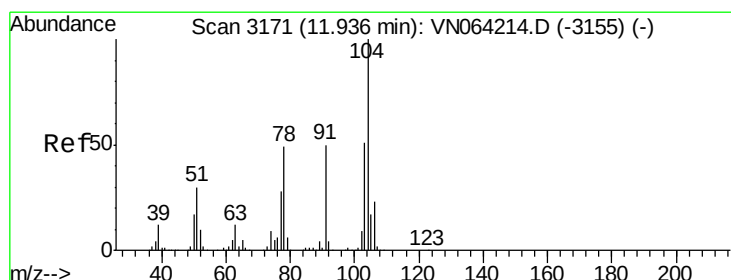
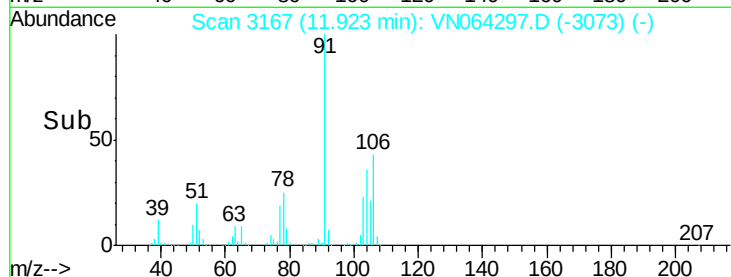
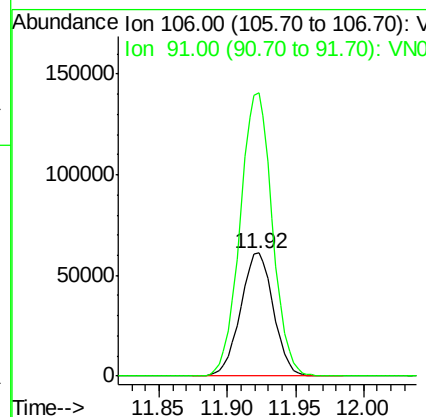
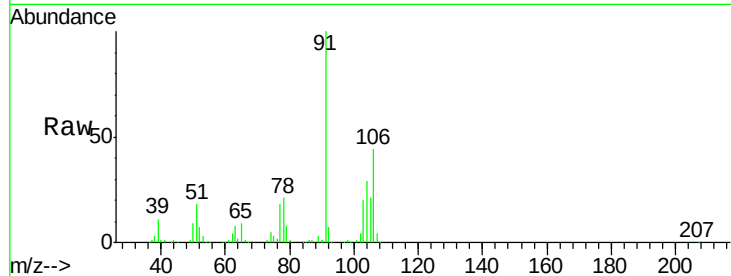
#69
o-Xylene
Concen: 19.642 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	106	100	102008		
91	91	225.8	109.9	329.6	

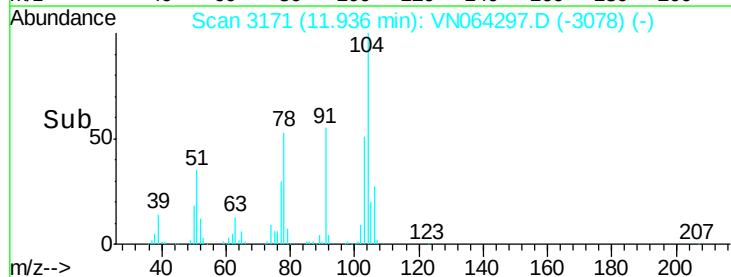
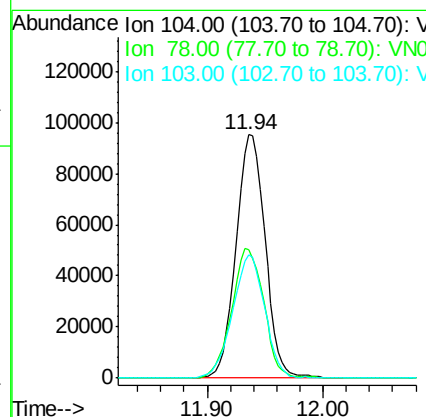
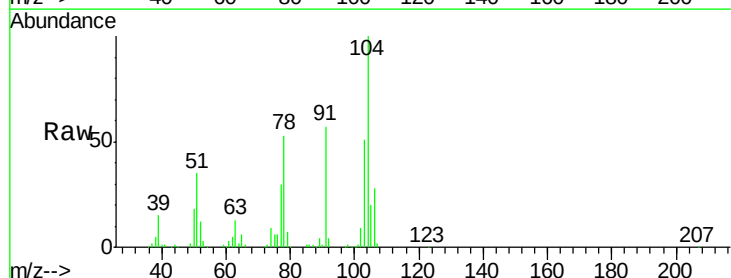
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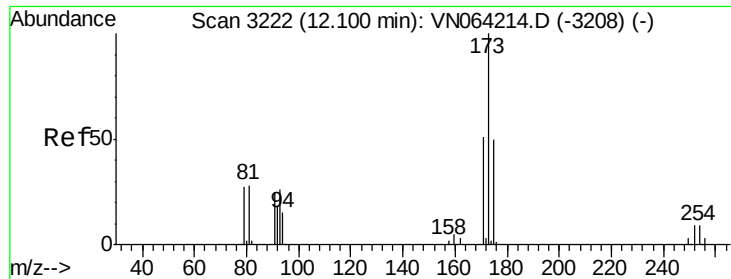
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#70
Styrene
Concen: 19.041 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	104	100	165750		
78	78	58.3	43.8	65.6	
103	103	55.7	43.4	65.2	





#71

Bromoform

Concen: 18.608 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion:173 Resp: 44997

Ion Ratio Lower Upper

173 100

175 50.1 25.1 75.3

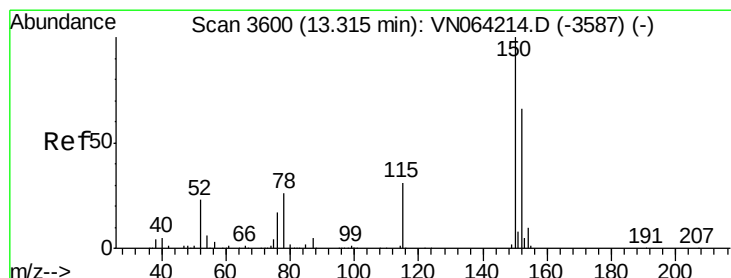
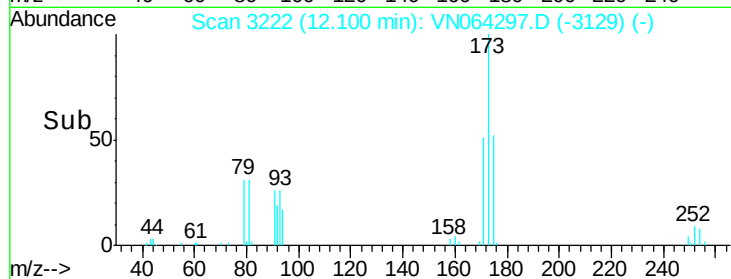
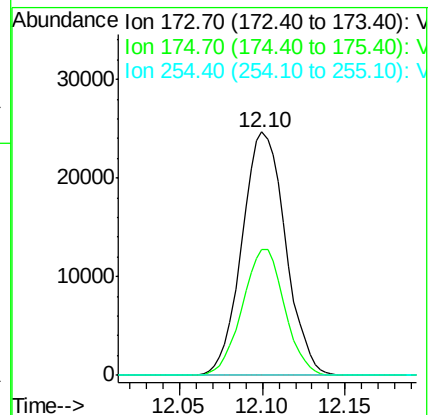
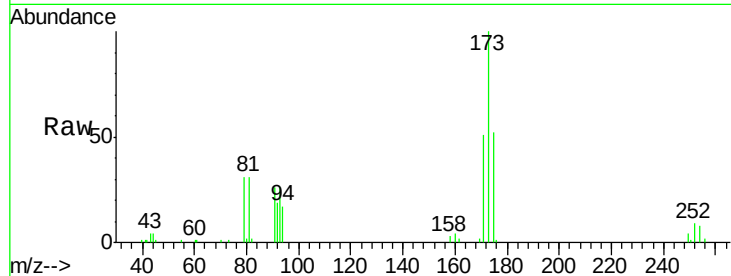
254 0.0 0.0 0.0

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

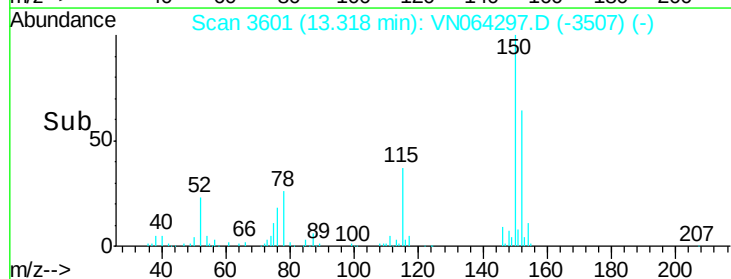
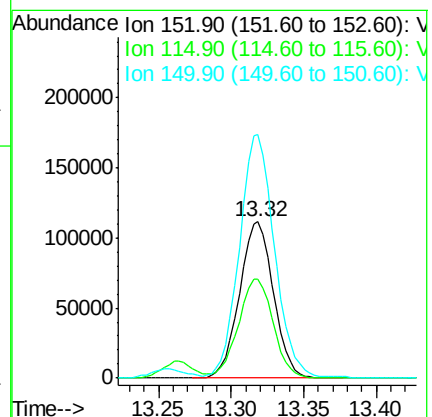
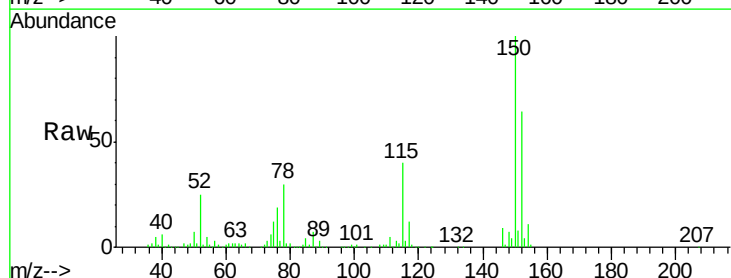
Tgt Ion:152 Resp: 181554

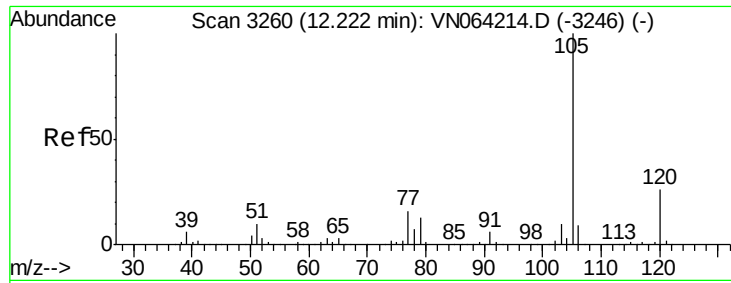
Ion Ratio Lower Upper

152 100

115 65.2 32.0 96.2

150 159.5 0.0 356.6





#73

Isopropylbenzene

Concen: 19.503 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 105 Resp: 270063

Ion Ratio Lower Upper

105 100

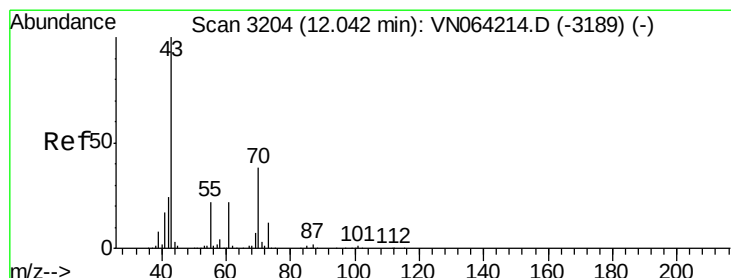
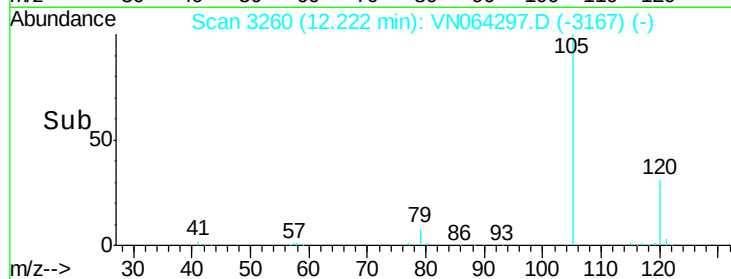
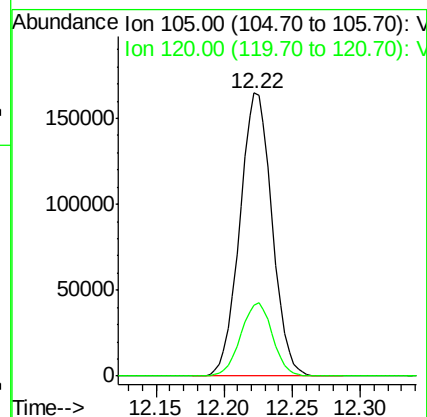
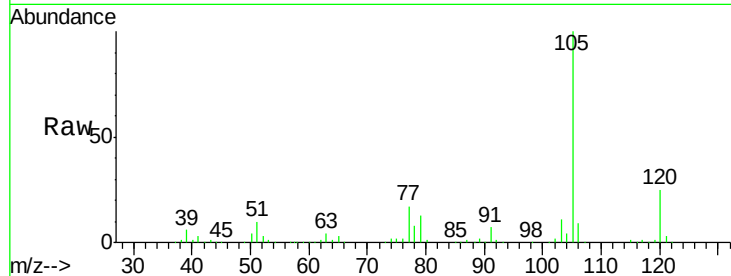
120 25.5 12.9 38.7

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#74

N-ethyl acetate

Concen: 19.027 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion: 43 Resp: 113845

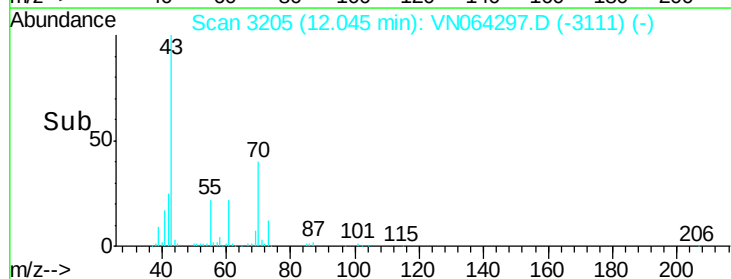
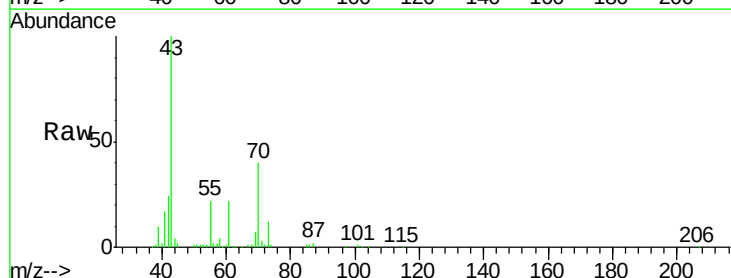
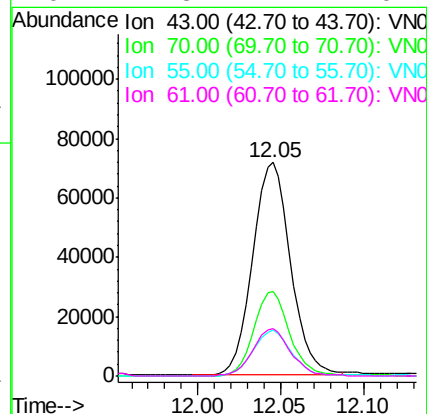
Ion Ratio Lower Upper

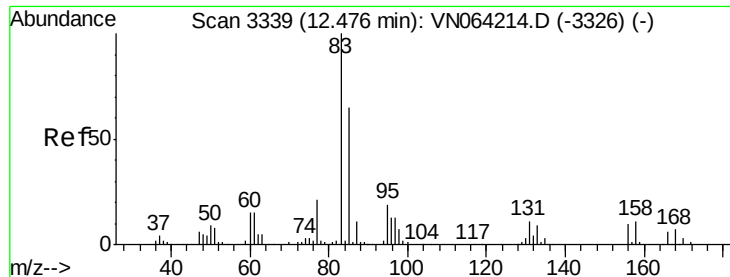
43 100

70 38.1 30.2 45.4

55 21.7 18.0 27.0

61 22.3 17.4 26.2





#75

1,1,2,2-Tetrachloroethane

Concen: 19.963 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

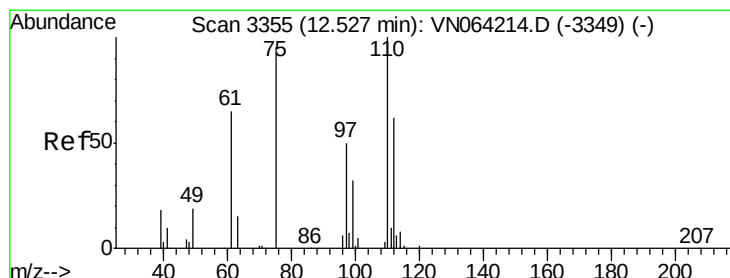
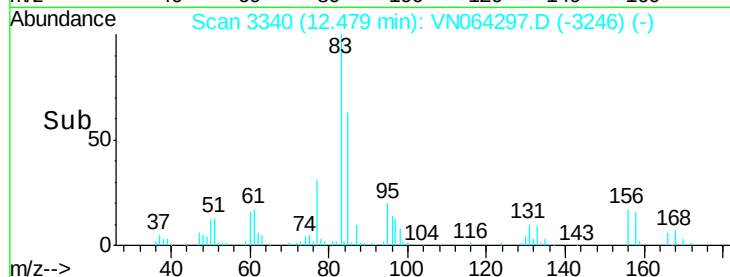
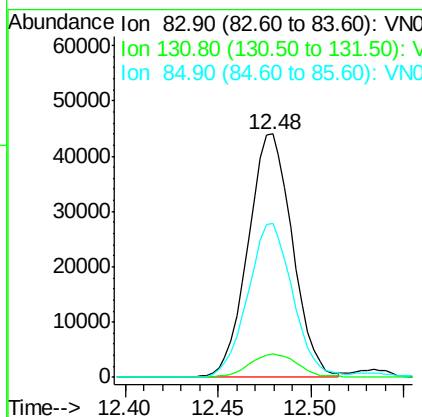
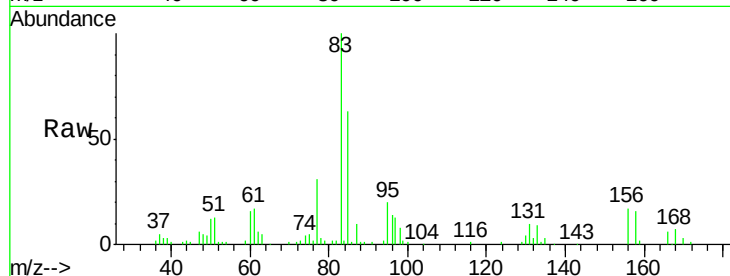
ClientSampleId :

VN1023WBS02

Tot Ion:	83	Resp:	73356
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.5	16.7
85	64.0	32.4	97.0

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#76

1,2,3-Trichloropropane

Concen: 18.955 ug/l m

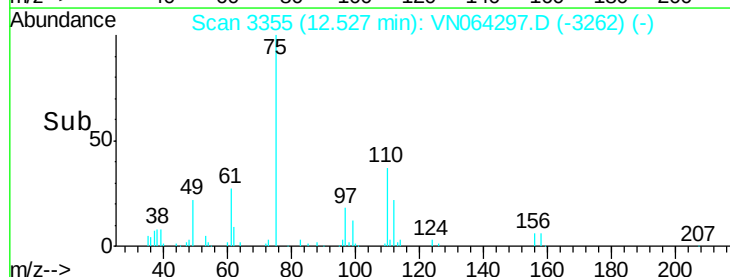
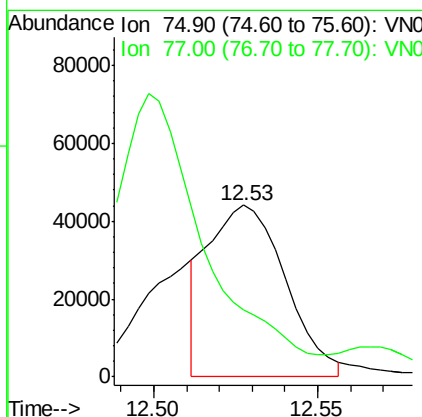
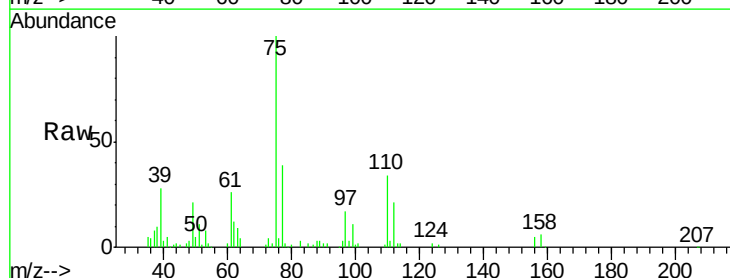
RT: 12.53 min Scan# 3355

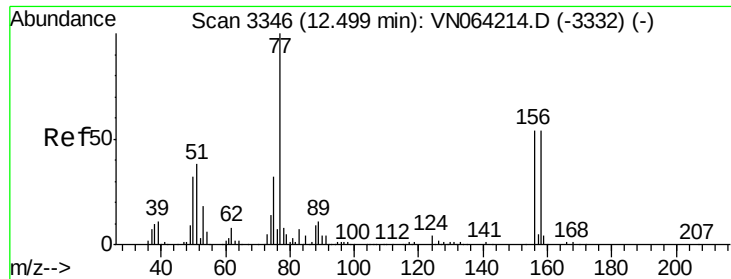
Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	75	Resp:	72551
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.947 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

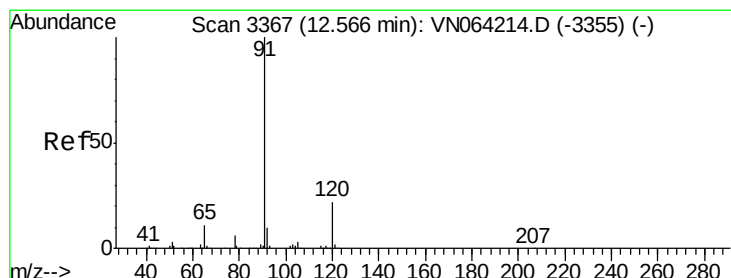
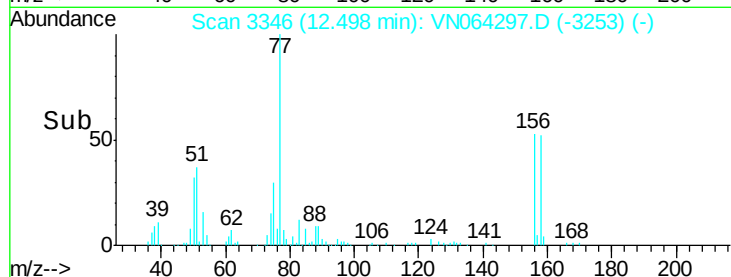
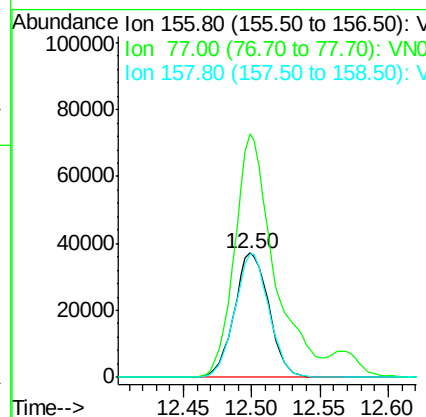
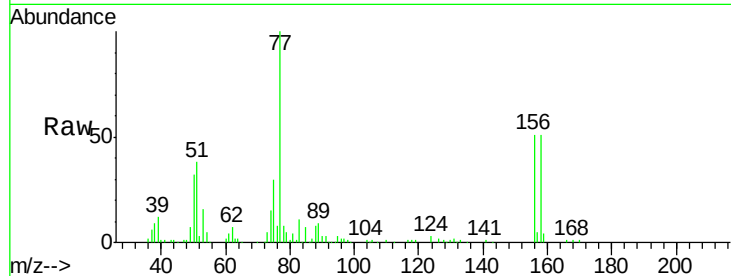
ClientSampleId :

VN1023WBS02

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	222.0	111.1	333.4	
158	98.2	50.0	150.1	

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#78

n-propylbenzene

Concen: 19.488 ug/l

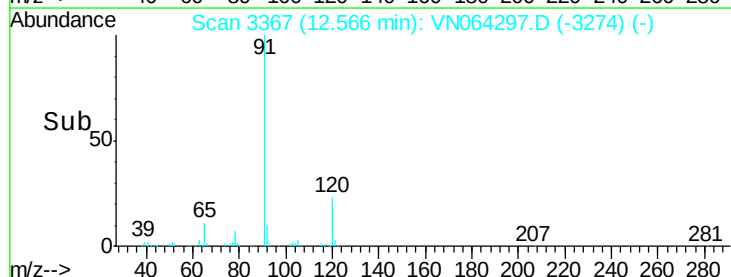
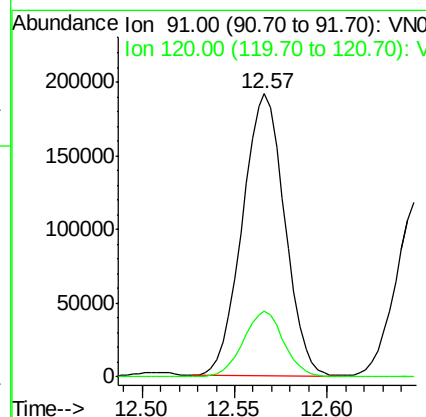
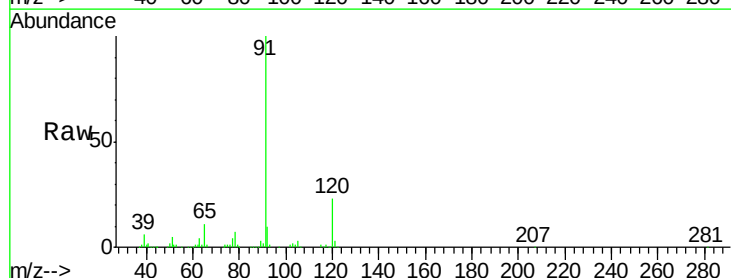
RT: 12.57 min Scan# 3367

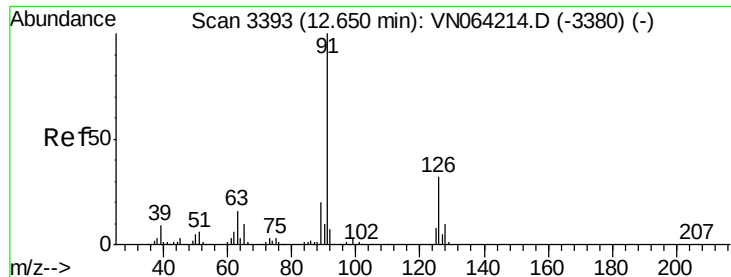
Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	22.3	11.1	33.1	





#79

2-Chlorotoluene

Concen: 19.940 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

ClientSampleId :

VN1023WBS02

Tot Ion: 91 Resp: 191218

Ion Ratio Lower Upper

91 100

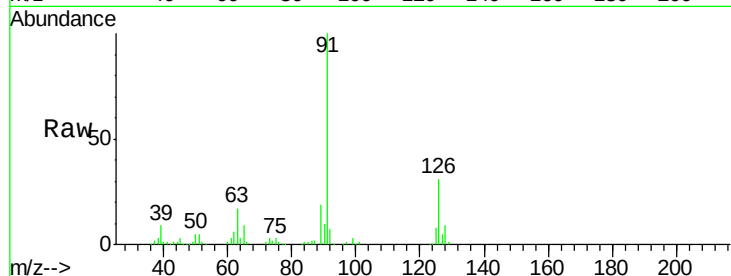
126 32.5 16.0 48.0

Manual Integrations

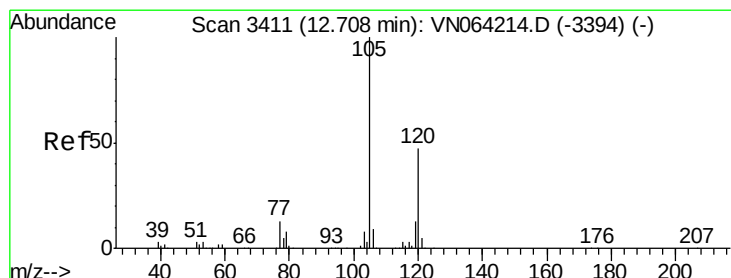
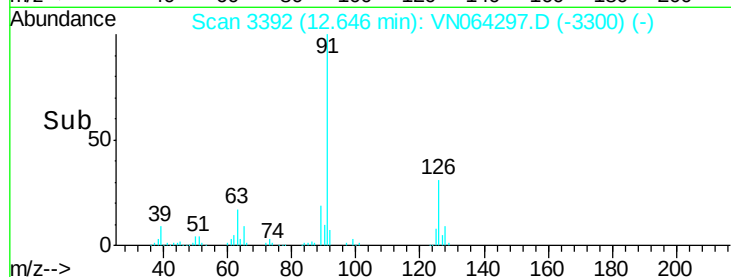
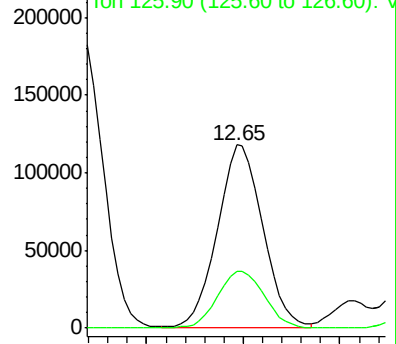
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Abundance Ion 91.00 (90.70 to 91.70): VN064297.D (-3300) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.840 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064297.D

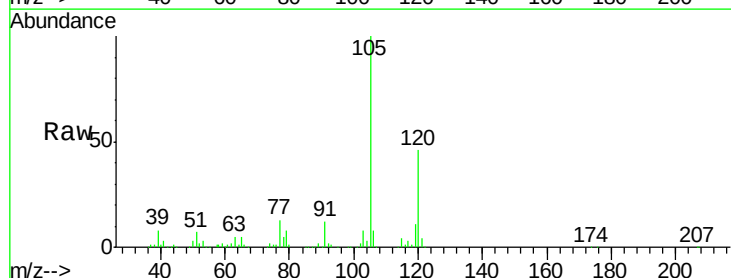
Acq: 23 Oct 2020 20:04

Tgt Ion: 105 Resp: 232260

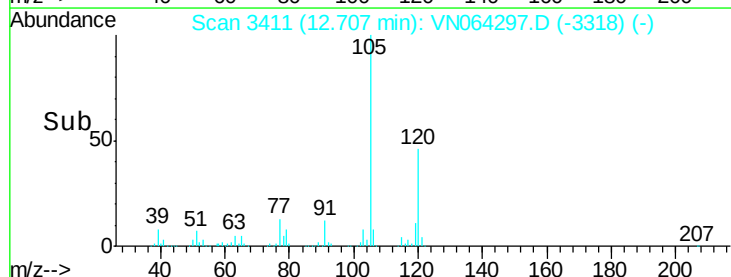
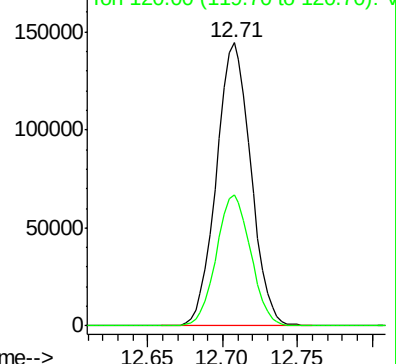
Ion Ratio Lower Upper

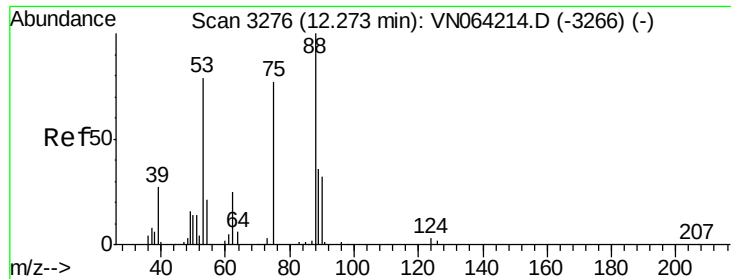
105 100

120 46.2 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN064297.D (-3318) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.296 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

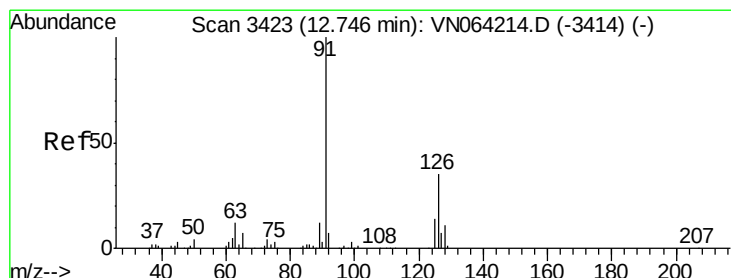
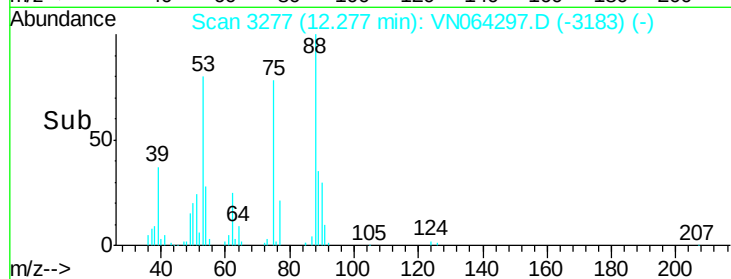
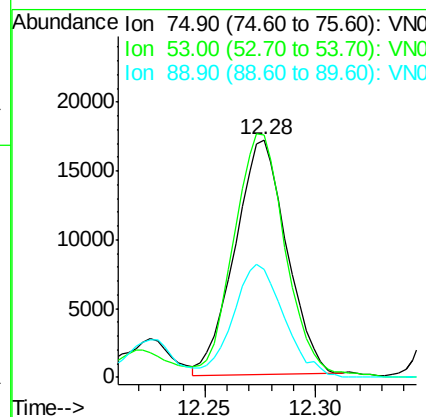
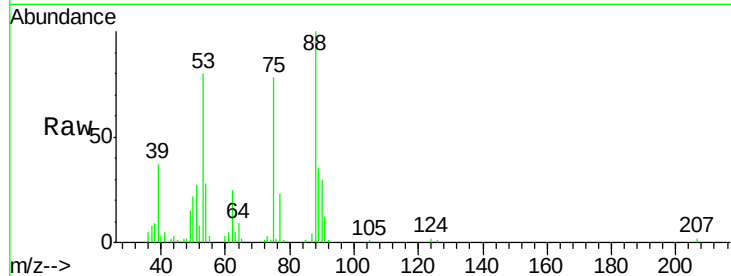
ClientSampleId :

VN1023WBS02

Tot Ion:	75	Resp:	27737
Ion	Ratio	Lower	Upper
75	100		
53	104.8	81.0	121.4
89	47.9	38.7	58.1

Manual Integrations
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#82

4-Chlorotoluene

Concen: 20.246 ug/l

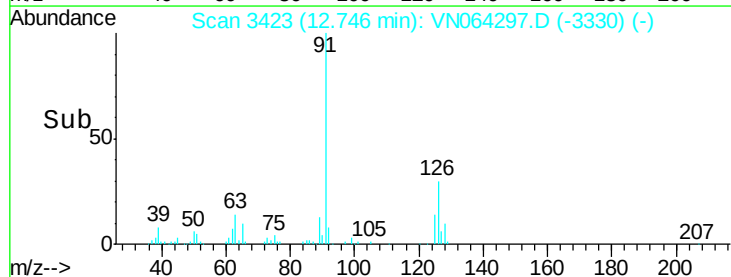
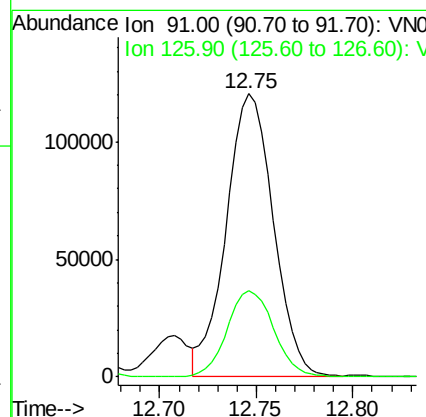
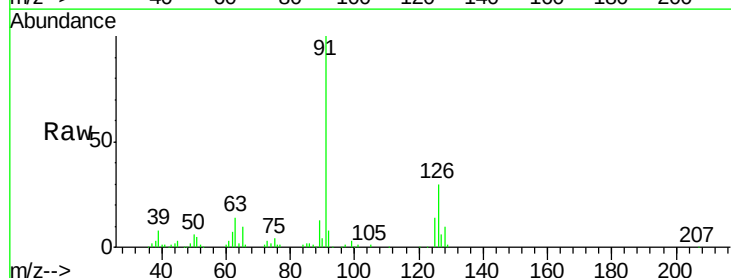
RT: 12.75 min Scan# 3423

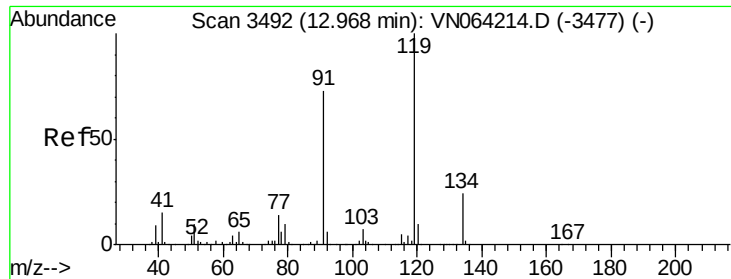
Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	91	Resp:	202520
Ion	Ratio	Lower	Upper
91	100		
126	30.7	15.8	47.3





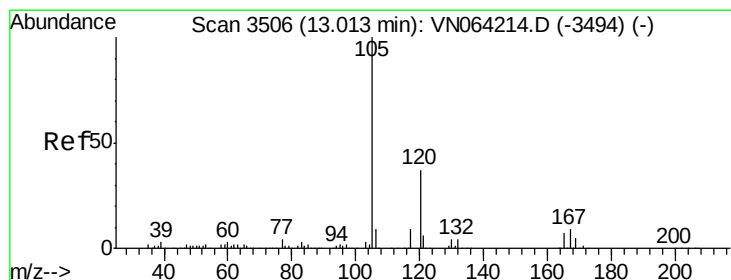
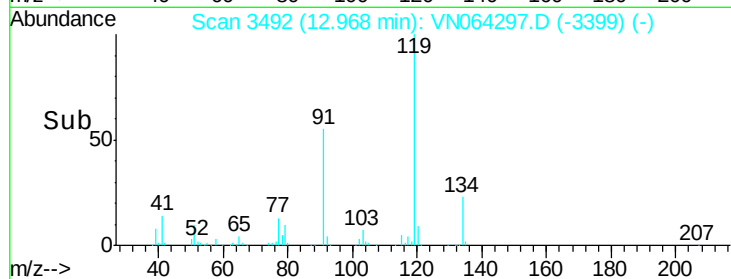
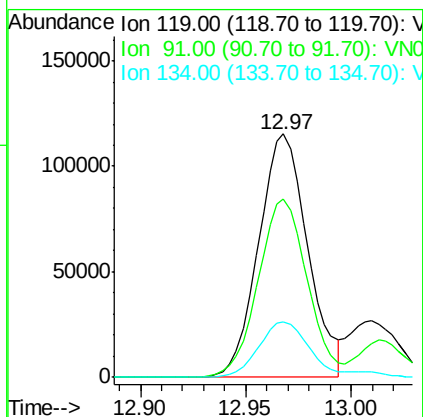
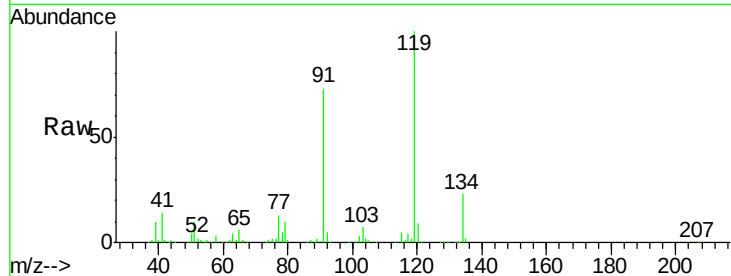
#83
 tert-Butylbenzene
 Concen: 19.500 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	187158		
91	73.4	35.1	105.3	
134	23.2	11.6	34.8	

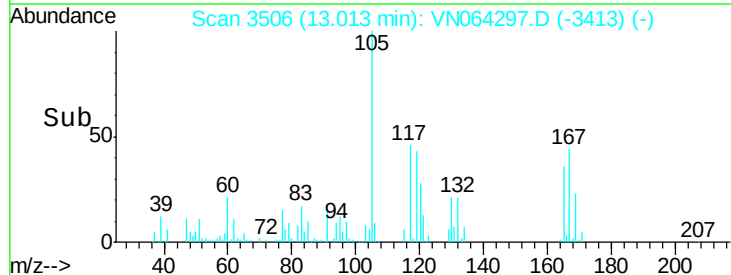
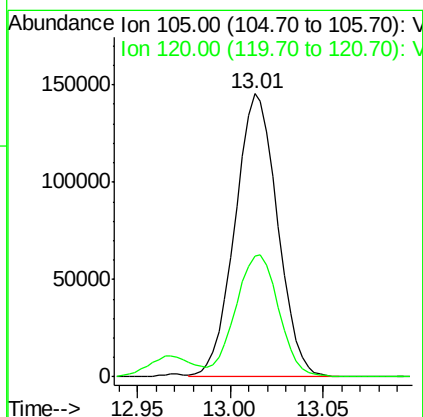
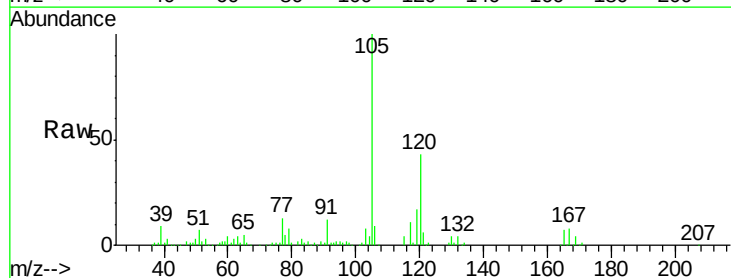
Manual Integrations
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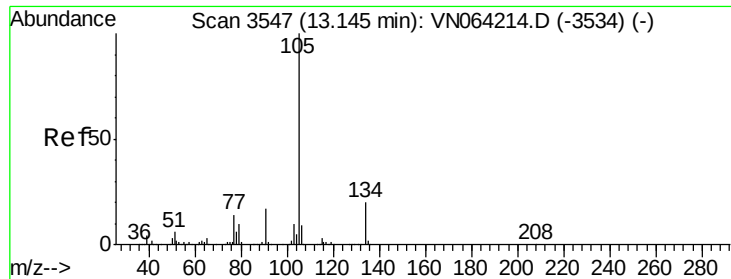
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.694 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	229459		
120	44.1	21.5	64.5	





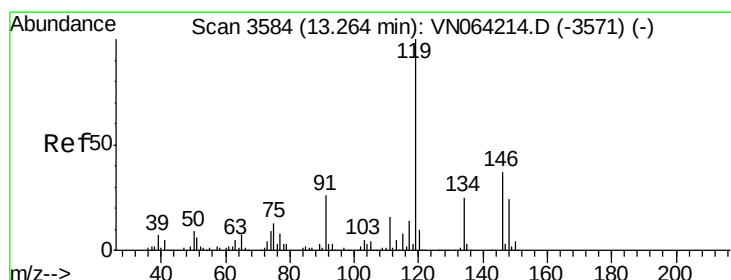
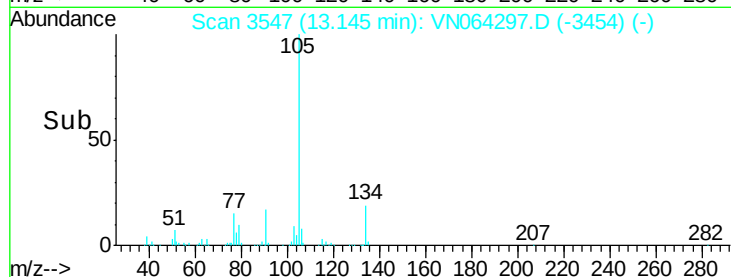
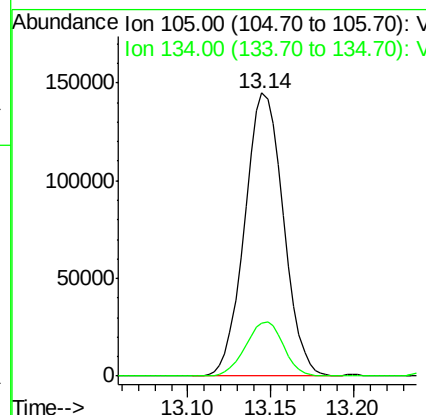
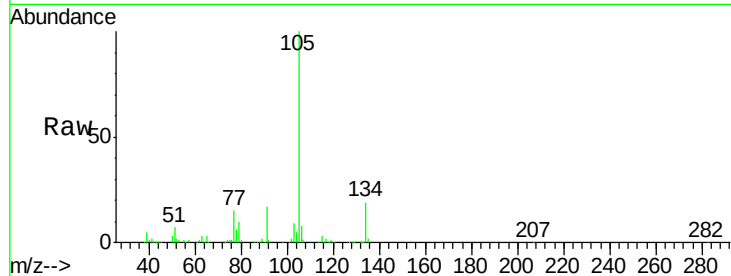
#85
 sec-Butylbenzene
 Concen: 19.507 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	18.9	9.7	29.1

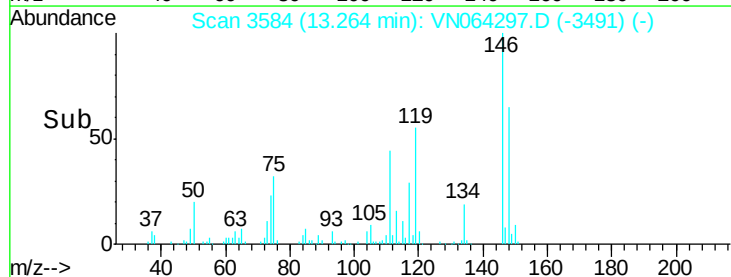
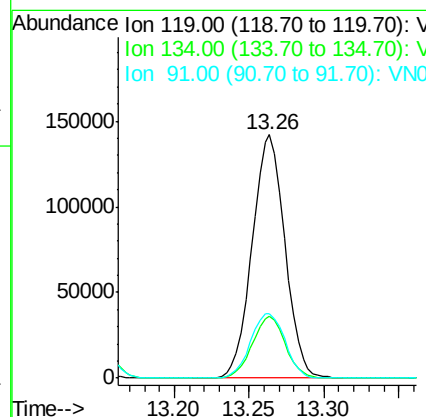
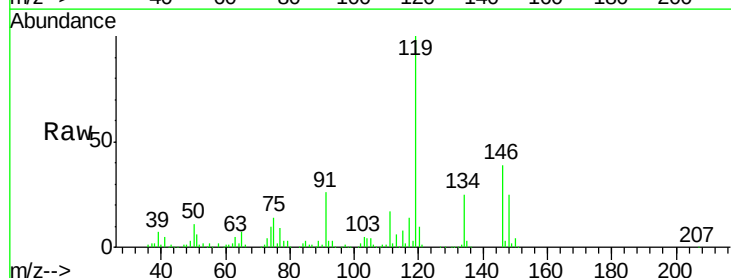
Manual Integrations
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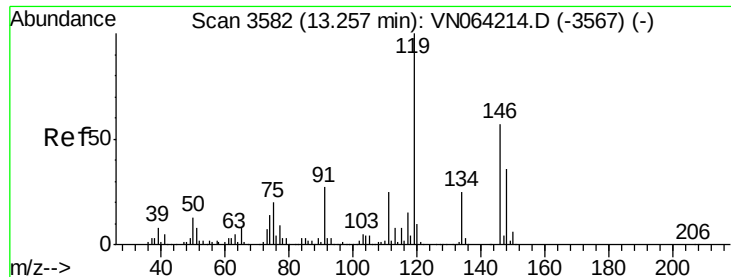
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#86
 p-Isopropyltoluene
 Concen: 19.646 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.5	13.1	39.3
91	28.0	13.4	40.2





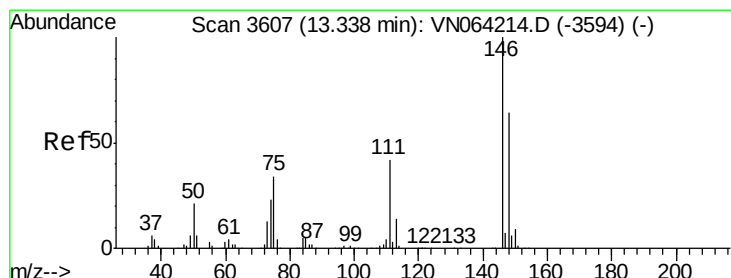
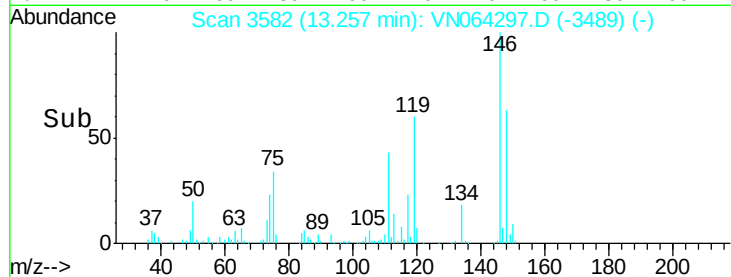
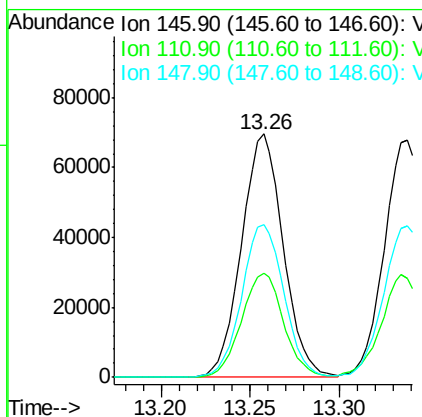
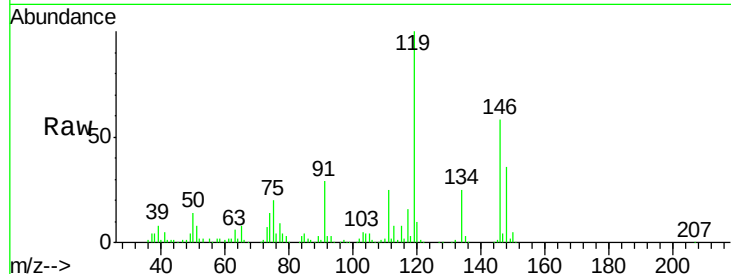
#87
 1,3-Dichlorobenzene
 Concen: 19.534 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	65.0
148	63.1	31.7	95.1

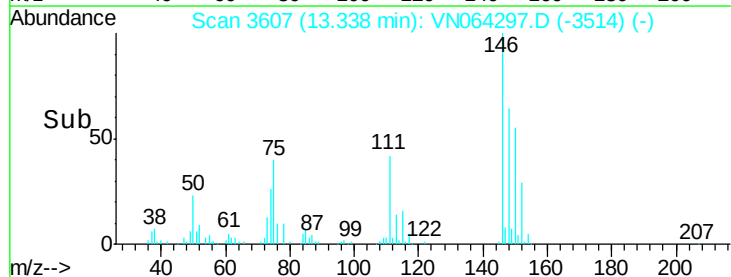
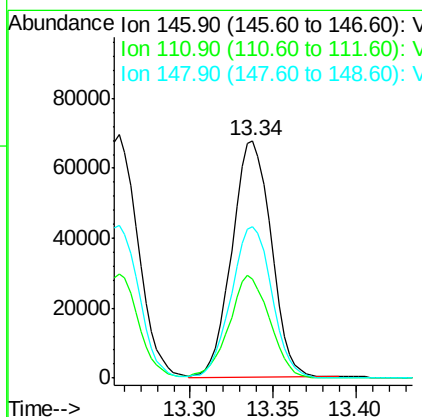
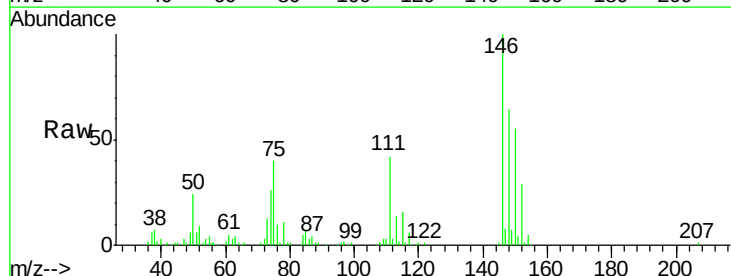
Manual Integrations
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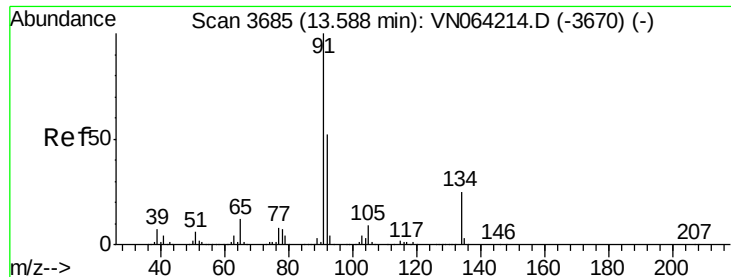
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#88
 1,4-Dichlorobenzene
 Concen: 18.793 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.0	21.5	64.5
148	66.4	32.0	96.0





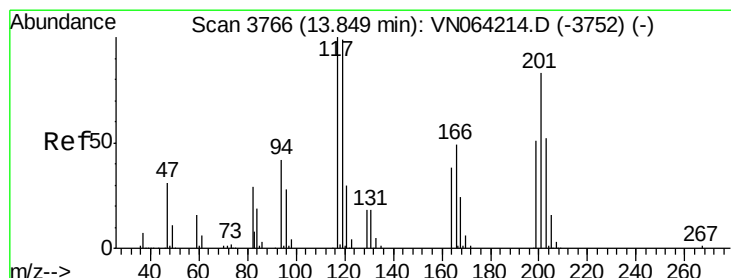
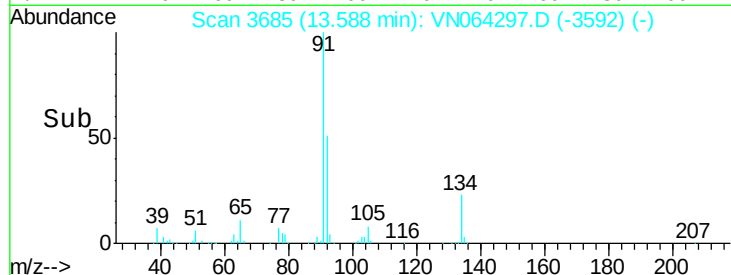
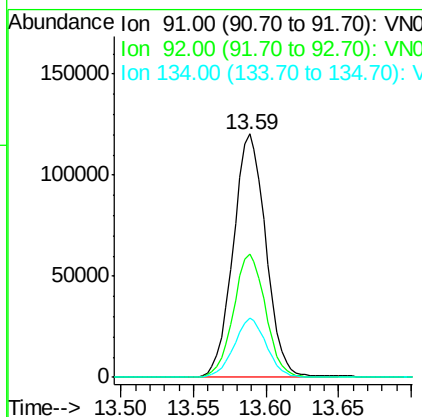
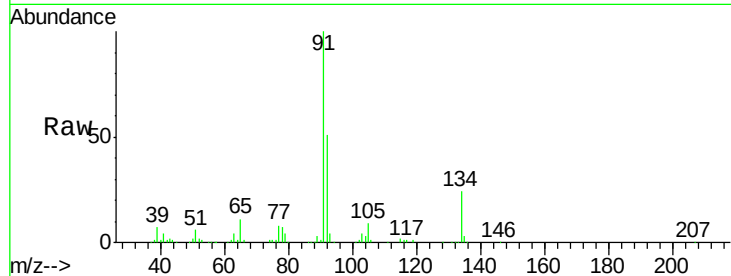
#89
n-Butylbenzene
Concen: 19.083 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.7	25.7	77.0
134	23.7	12.3	36.8

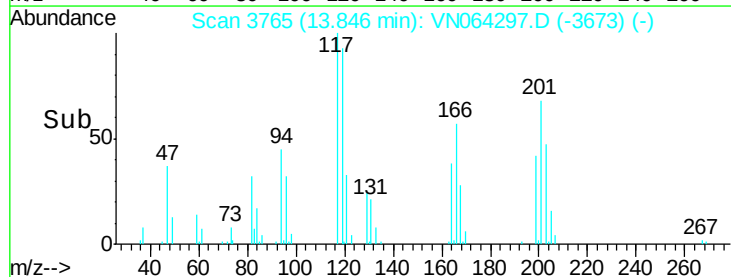
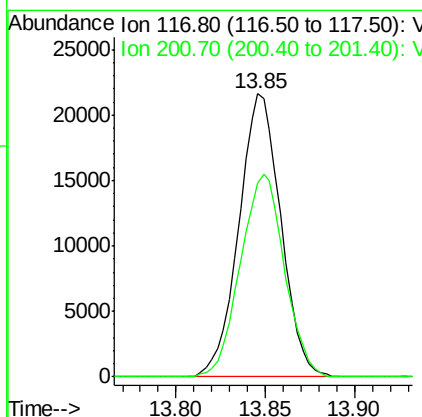
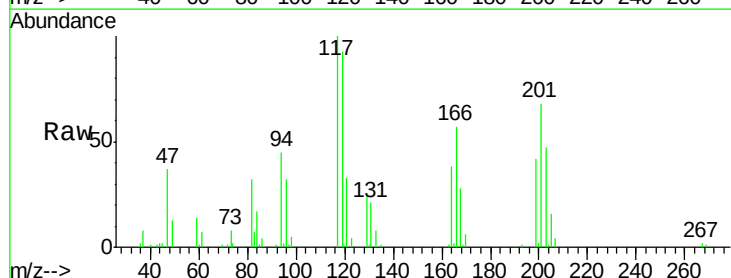
Manual Integrations
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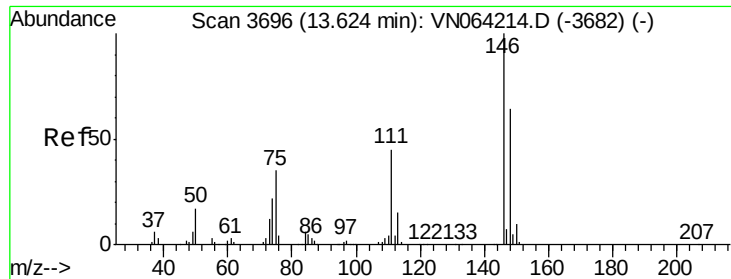
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#90
Hexachloroethane
Concen: 17.807 ug/l
RT: 13.85 min Scan# 3765
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
117	100		
201	74.9	40.1	120.3





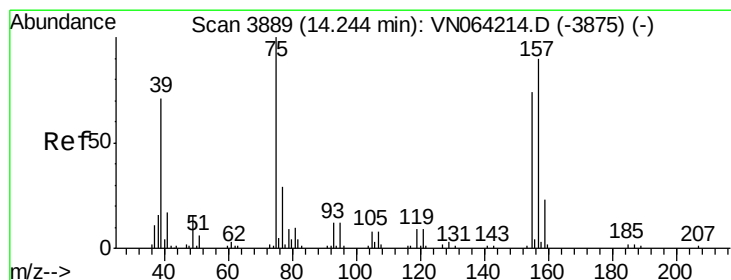
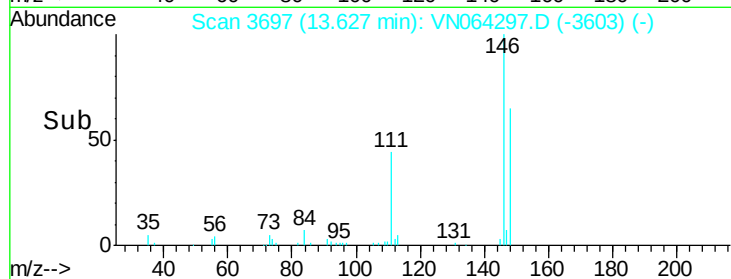
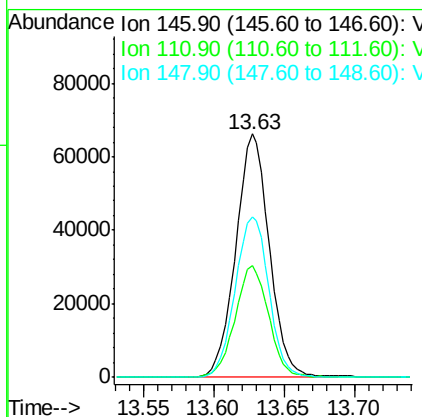
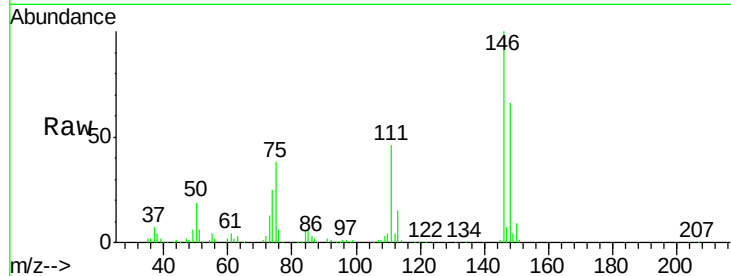
#91
 1,2-Dichlorobenzene
 Concen: 19.384 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1023WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.8	22.9	68.7
148	66.1	31.9	95.5

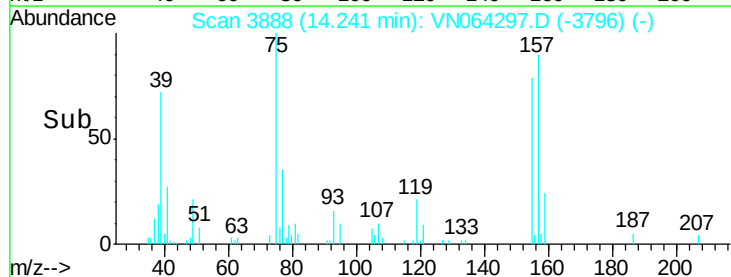
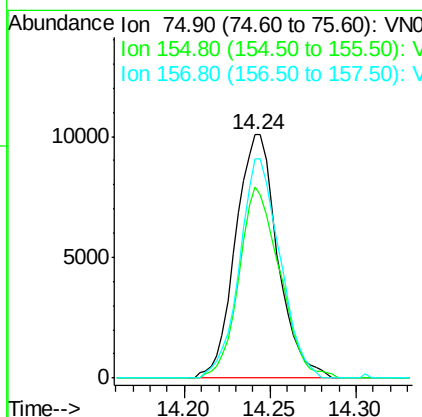
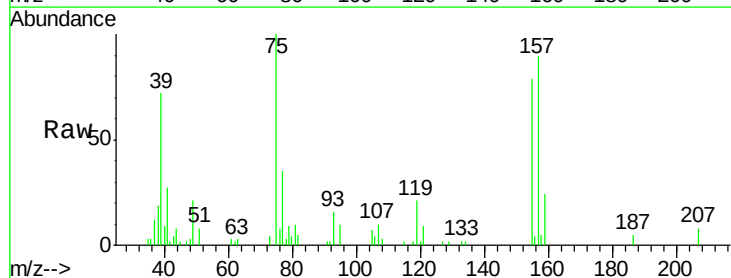
Manual Integrations
 APPROVED

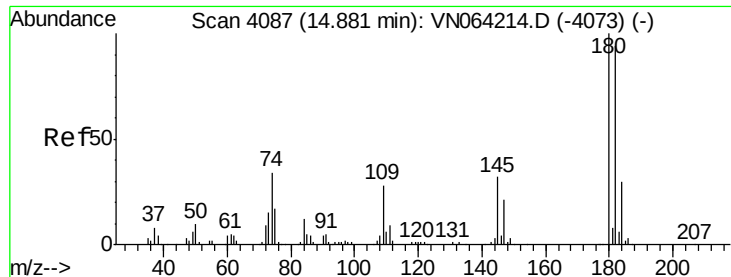
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.747 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064297.D
 Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	76.3	36.9	110.7
157	86.4	44.6	133.8





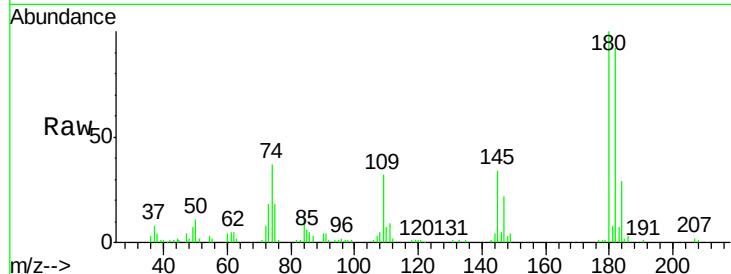
#93
1,2,4-Trichlorobenzene
Concen: 19.068 ug/l
RT: 14.88 min Scan# 4087
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Instrument :
MSVOA_N
ClientSampleId :
VN1023WBS02

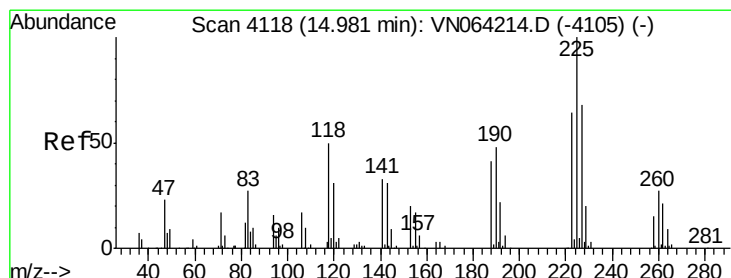
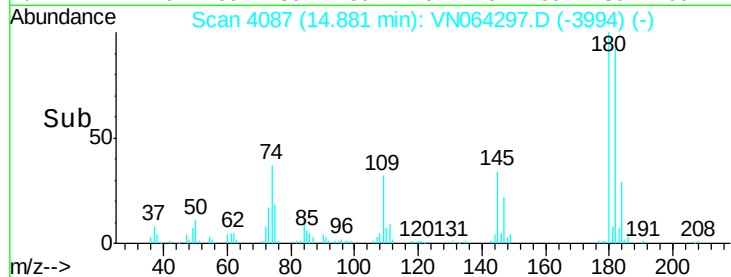
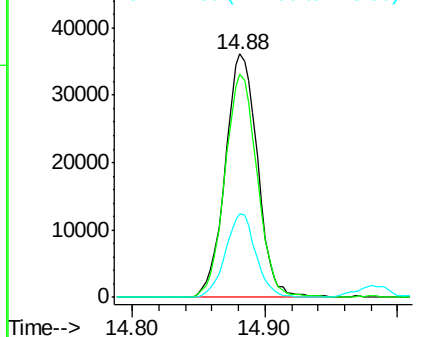
Tot Ion	Ratio	Lower	Upper
180	100		
182	91.4	46.9	140.7
145	32.3	16.1	48.3

Manual Integrations
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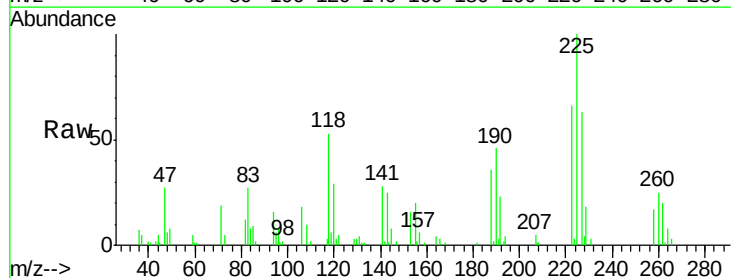


Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.80 (144.50 to 145.50): V

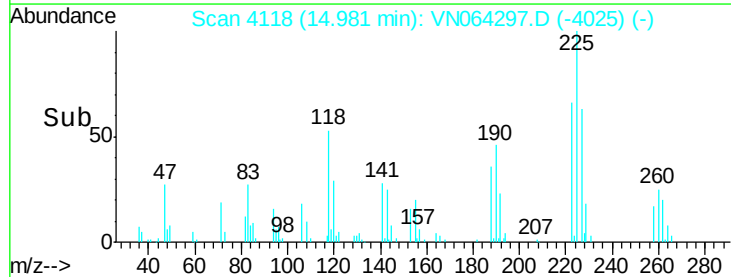
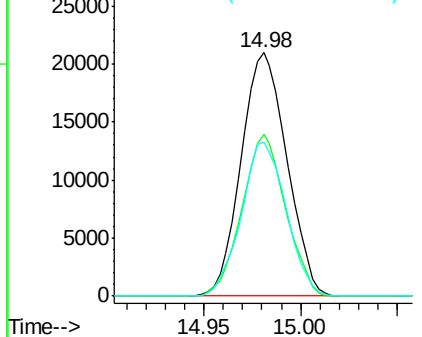


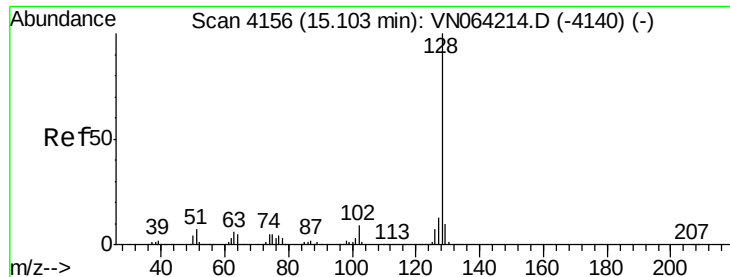
#94
Hexachlorobutadiene
Concen: 19.960 ug/l
RT: 14.98 min Scan# 4118
Delta R.T. -0.00 min
Lab File: VN064297.D
Acq: 23 Oct 2020 20:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.5	94.5
227	62.0	32.1	96.5



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 18.529 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Instrument :

MSVOA_N

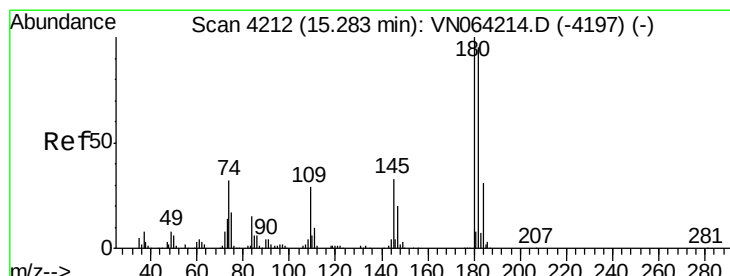
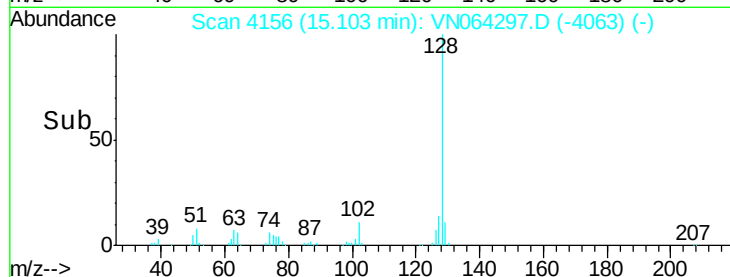
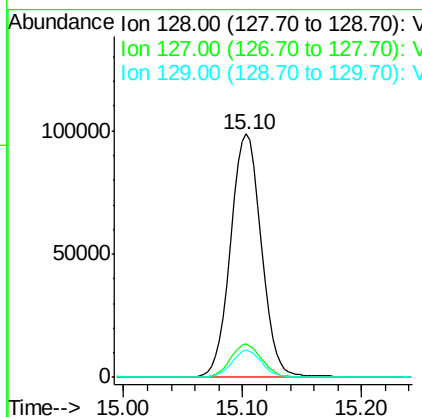
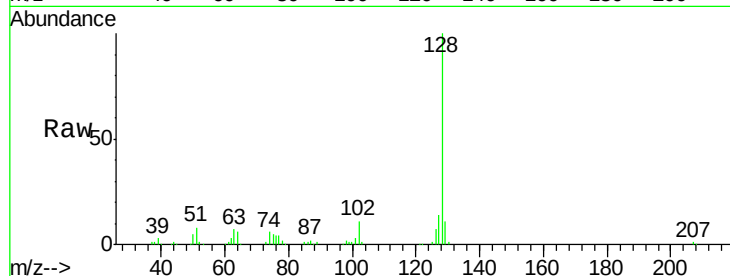
ClientSampleId :

VN1023WBS02

Tot Ion:	128	Resp:	177591
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.5	15.7
129	11.0	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
10/26/2020 1:39:17 PM



#96

1,2,3-Trichlorobenzene

Concen: 17.894 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN064297.D

Acq: 23 Oct 2020 20:04

Tgt Ion:	180	Resp:	56722
Ion Ratio	Lower	Upper	
180	100		
182	100.7	48.0	144.2
145	35.6	17.1	51.3

