

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064032.D
 Acq On : 9 Oct 2020 12:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 10/12/2020 2:10:04 PM

Quant Time: Oct 10 01:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	54785	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	291118	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	273982	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	141664	28.79	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.97%
60) 4-Bromofluorobenzene	12.38	95	136277	29.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.97%
63) Toluene-d8	10.06	98	377144	30.37	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.23%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	73574	19.842	ug/l 96
3) Chloromethane	2.04	50	76797	20.014	ug/l 94
4) Vinyl Chloride	2.16	62	72358	18.955	ug/l 100
5) Bromomethane	2.54	94	44206	17.992	ug/l 98
6) Chloroethane	2.68	64	43542	18.182	ug/l 99
7) Trichlorofluoromethane	2.99	101	109957	18.247	ug/l 95
8) Diethyl Ether	3.38	74	37789	19.367	ug/l 90
9) 1,1,2-Trichlorotrifluoroet	3.72	101	57497	18.362	ug/l 96
10) 1,1-Dichloroethene	3.70	96	52883	17.988	ug/l 91
11) Methyl Iodide	3.91	142	63161	16.839	ug/l 91
12) Methyl Acetate	4.28	43	69467	19.200	ug/l 96
13) Acrolein	3.57	56	12318	34.978	ug/l 96
14) Acrylonitrile	4.93	53	136415	91.703	ug/l 96
15) Acetone	3.77	58	58567	136.011	ug/l # 60
16) Carbon Disulfide	4.01	76	162174	18.602	ug/l 99
17) Allyl chloride	4.27	41	112773	20.610	ug/l 86
18) Methylene Chloride	4.50	84	65650	18.630	ug/l # 89
19) trans-1,2-Dichloroethene	4.99	96	60432	18.199	ug/l 90
20) Diisopropyl ether	5.90	45	212993	19.364	ug/l 94
21) 1,1-Dichloroethane	5.79	63	121679	18.273	ug/l 99
22) cis-1,2-Dichloroethene	6.78	96	67779	17.980	ug/l 88
23) tert-Butyl Alcohol	4.72	59	56495	88.538	ug/l # 100
24) Methyl tert-Butyl Ether	4.99	73	181676	18.421	ug/l # 91
25) Chloroform	7.32	83	126155	18.069	ug/l 99
26) Cyclohexane	7.61	56	89133	18.583	ug/l # 94
29) 1,1-Dichloropropene	7.75	75	92226	18.090	ug/l 98
30) 2-Butanone	6.78	43	270132	108.032	ug/l 95
31) 2,2-Dichloropropane	6.78	77	109602	17.989	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	112752	17.336	ug/l 97
33) Carbon Tetrachloride	7.73	117	95520	16.763	ug/l 94
34) Benzene	8.00	78	258219	17.814	ug/l 95
35) Methacrylonitrile	7.12	41	43914	18.478	ug/l 90
36) 1,2-Dichloroethane	8.08	62	109559	17.203	ug/l # 94
37) Trichloroethene	8.80	130	65297	17.193	ug/l 85
38) Methylcyclohexane	9.05	83	79133	18.384	ug/l 98
39) 1,2-Dichloropropane	9.08	63	72356	18.371	ug/l 99
40) Dibromomethane	9.17	93	47177	17.151	ug/l 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	9.37	83	98247	17.185	ug/l	97
42) Vinyl Acetate	5.84	43	962614	92.758	ug/l	98
43) Ethyl Acetate	6.88	43	88985	16.618	ug/l #	84
44) Isopropyl Acetate	8.12	43	161315	18.178	ug/l	92
45) 1,4-Dioxane	9.16	88	19402	341.009	ug/l #	94
46) Methyl methacrylate	9.16	41	77452	17.542	ug/l	83
47) n-amyl Acetate	12.05	43	133220	16.884	ug/l	93
48) t-1,3-Dichloropropene	10.35	75	106705	17.272	ug/l	94
49) cis-1,3-Dichloropropene	9.81	75	114491	17.872	ug/l #	86
50) 1,1,2-Trichloroethane	10.53	97	64684	17.611	ug/l	99
51) Ethyl methacrylate	10.40	69	90622	17.010	ug/l	78
52) 1,3-Dichloropropane	10.68	76	110061	17.493	ug/l	96
53) Dibromochloromethane	10.87	129	74286	17.573	ug/l	99
54) 1,2-Dibromoethane	10.97	107	66755	17.334	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	230088	80.931	ug/l	99
56) Bromoform	12.10	173	49161	16.782	ug/l #	93
58) 4-Methyl-2-Pentanone	9.95	43	483315	90.895	ug/l	94
59) 2-Hexanone	10.72	43	384018	96.960	ug/l	94
61) Tetrachloroethene	10.60	164	59028	16.982	ug/l	93
62) Toluene	10.12	91	282353	17.944	ug/l	99
64) Chlorobenzene	11.41	112	167558	17.569	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.48	131	67010	17.964	ug/l	96
66) Ethyl Benzene	11.48	91	306937	17.763	ug/l	97
67) m/p-Xylenes	11.59	106	226030	35.175	ug/l	96
68) o-Xylene	11.92	106	107629	17.580	ug/l	96
69) Styrene	11.94	104	180798	17.308	ug/l	95
70) Isopropylbenzene	12.22	105	287202	17.655	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.48	83	89980	17.498	ug/l	98
72) 1,2,3-Trichloropropane	12.53	75	88879m	16.950	ug/l	
73) Bromobenzene	12.50	156	70114	17.005	ug/l	88
74) n-propylbenzene	12.57	91	333111	17.516	ug/l	98
75) 2-Chlorotoluene	12.65	91	205460	17.712	ug/l	96
76) 1,3,5-Trimethylbenzene	12.71	105	241550	17.608	ug/l	98
77) t-1,4-Dichloro-2-butene	12.27	75	32209	17.270	ug/l	92
78) 4-Chlorotoluene	12.75	91	214694	17.478	ug/l	97
79) tert-butylbenzene	12.97	119	193337	17.592	ug/l	97
80) 1,2,4-Trimethylbenzene	13.01	105	242854	17.659	ug/l	98
81) sec-Butylbenzene	13.14	105	260573	18.038	ug/l	98
82) p-Isopropyltoluene	13.26	119	230805	17.678	ug/l	95
83) 1,3-Dichlorobenzene	13.26	146	123677	16.866	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	122031	16.752	ug/l	95
85) n-Butylbenzene	13.59	91	196199	17.176	ug/l	99
86) Hexachloroethane	13.85	117	39949	17.754	ug/l	80
87) 1,2-Dichlorobenzene	13.63	146	121717	16.915	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	14.24	75	19318	15.722	ug/l	90
89) 1,2,4-Trichlorobenzene	14.88	180	57095	15.610	ug/l #	97
90) Hexachlorobutadiene	14.98	225	34255	17.682	ug/l	97
91) Naphthalene	15.10	128	172649	15.430	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	57673	16.189	ug/l	96

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

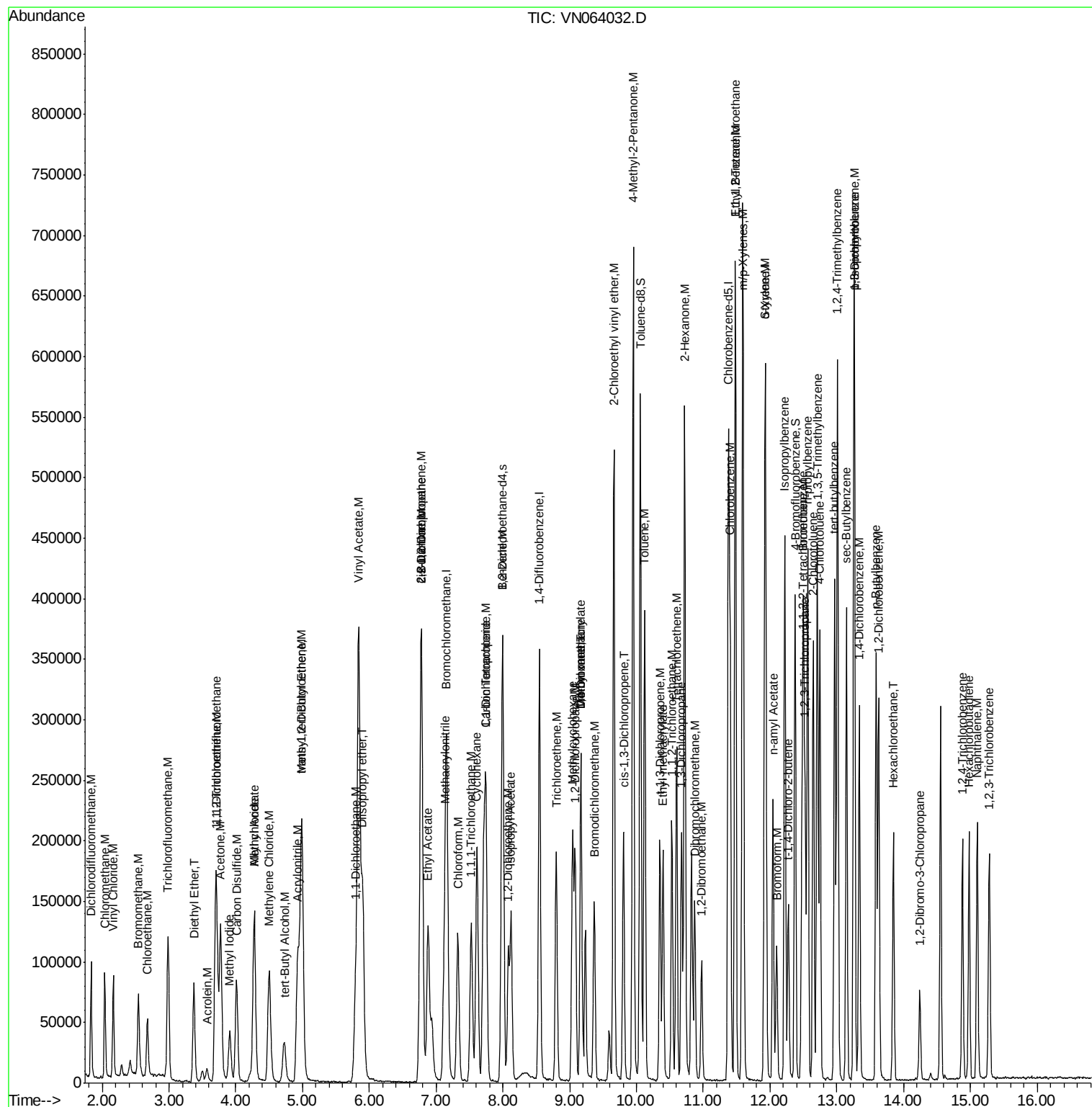
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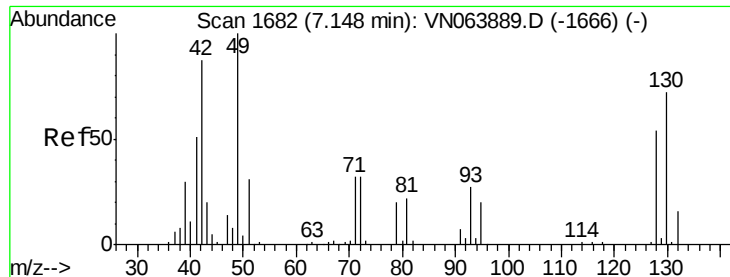
Instrument :
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion:128 Resp: 54785

Ion Ratio Lower Upper

128 100

49 191.2 0.0 437.5

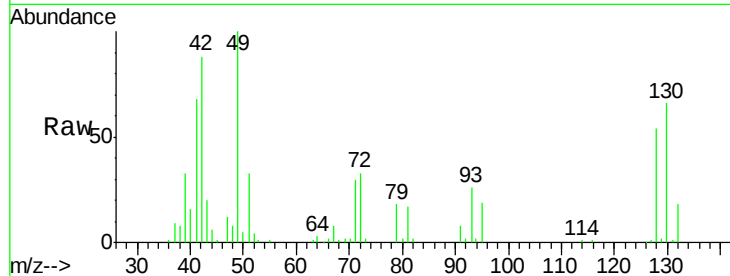
130 127.9 0.0 327.3

Manual Integrations

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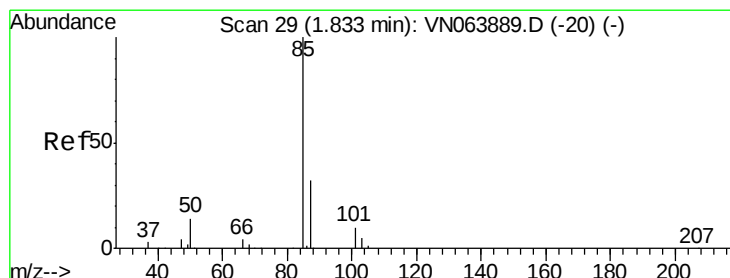
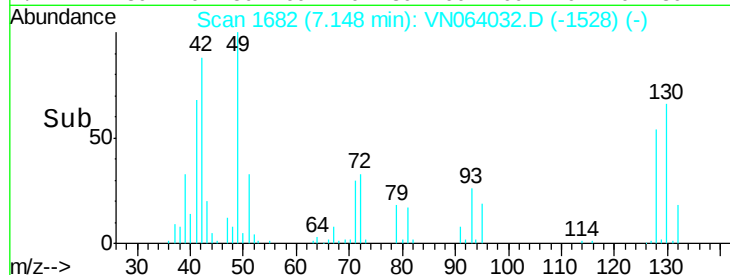
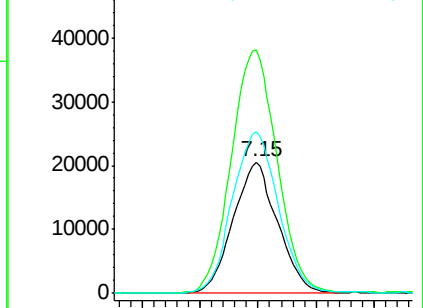
10/12/2020 2:10:04 PM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VNO

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.842 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064032.D

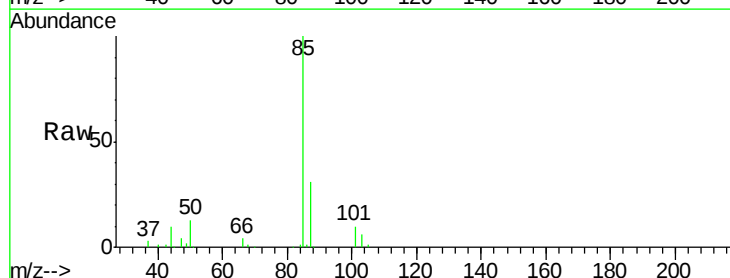
Acq: 9 Oct 2020 12:14

Tgt Ion: 85 Resp: 73574

Ion Ratio Lower Upper

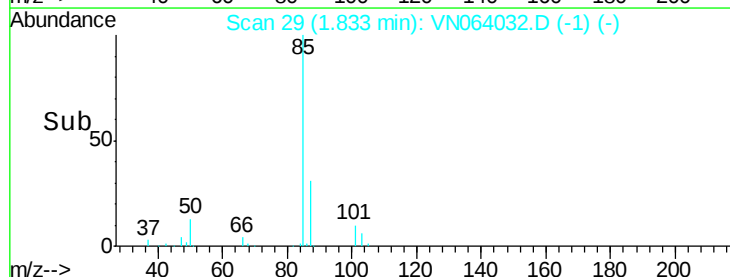
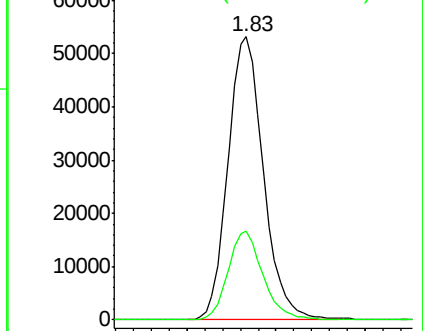
85 100

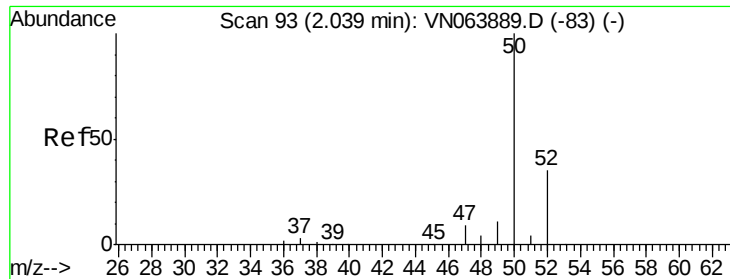
87 31.2 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#3

Chloromethane

Concen: 20.014 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.01 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 76797

Ion Ratio Lower Upper

50 100

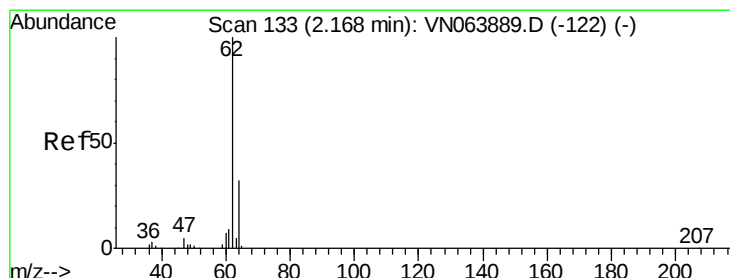
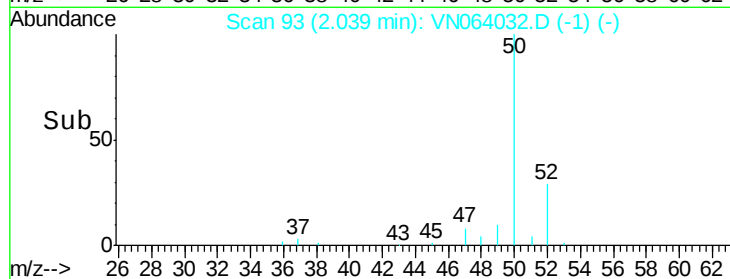
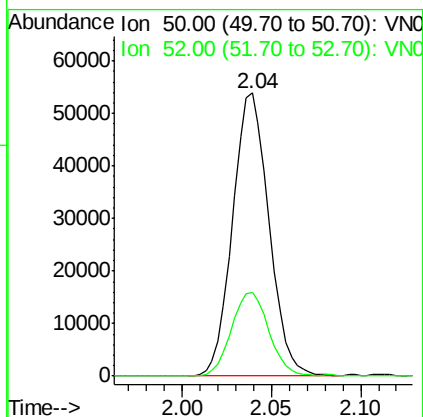
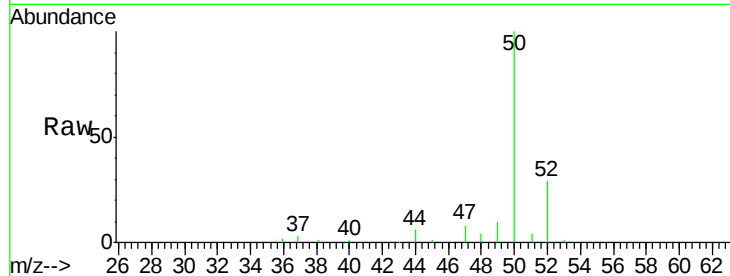
52 29.4 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 18.955 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.01 min

Lab File: VN064032.D

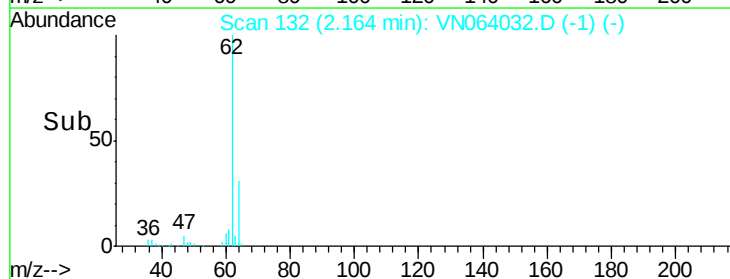
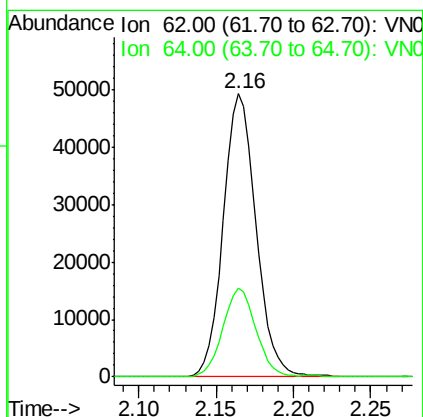
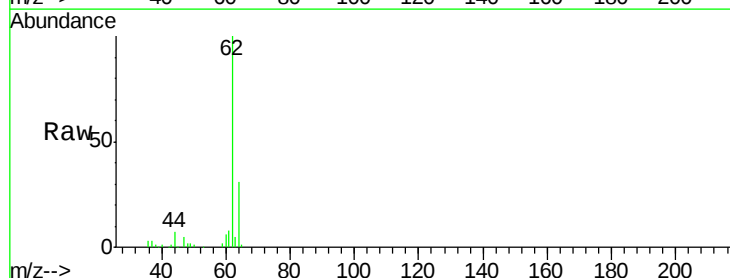
Acq: 9 Oct 2020 12:14

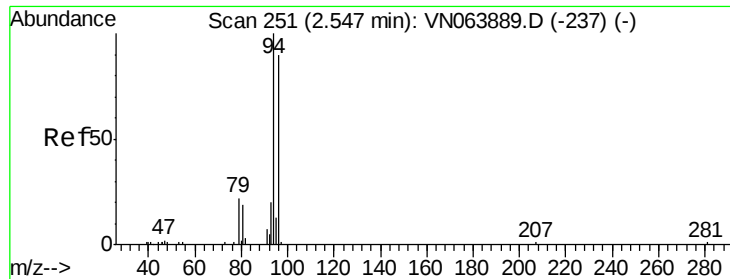
Tgt Ion: 62 Resp: 72358

Ion Ratio Lower Upper

62 100

64 31.4 25.0 37.4





#5

Bromomethane

Concen: 17.992 ug/l

RT: 2.54 min Scan# 250

Delta R.T. 0.02 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

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Tot Ion: 94 Resp: 44206

Ion Ratio Lower Upper

94 100

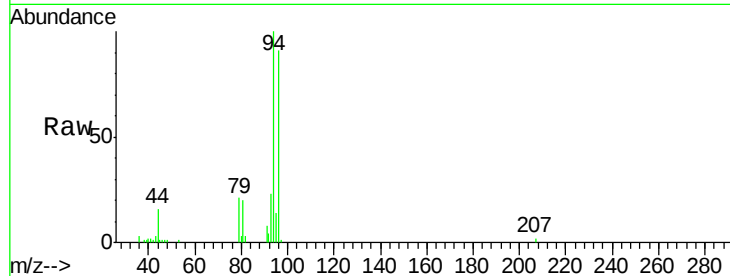
96 90.8 74.0 111.0

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0

25000

20000

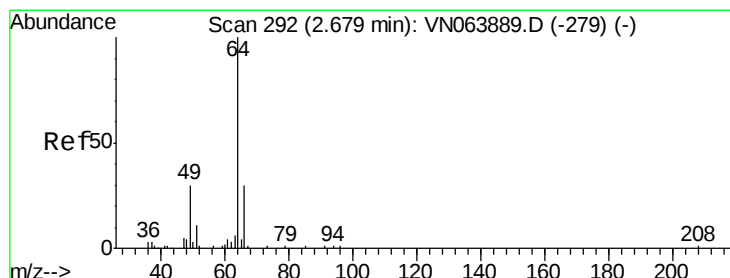
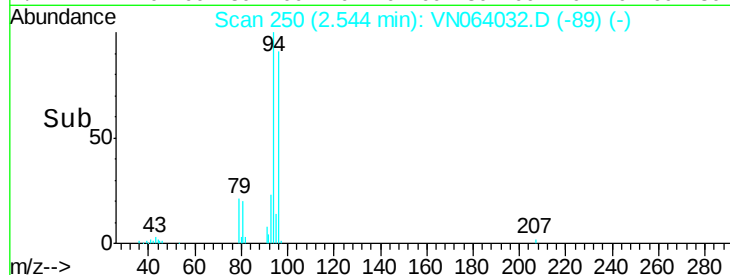
15000

10000

5000

0

Time--> 2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 18.182 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.01 min

Lab File: VN064032.D

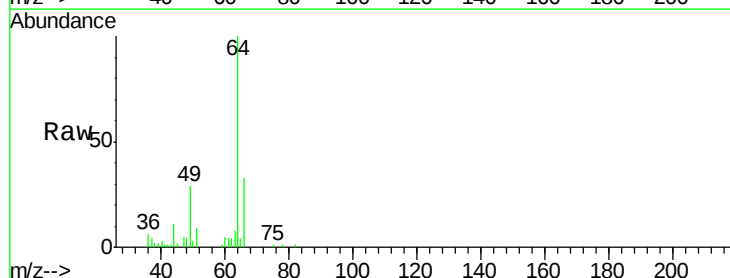
Acq: 9 Oct 2020 12:14

Tgt Ion: 64 Resp: 43542

Ion Ratio Lower Upper

64 100

66 33.1 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0

25000

20000

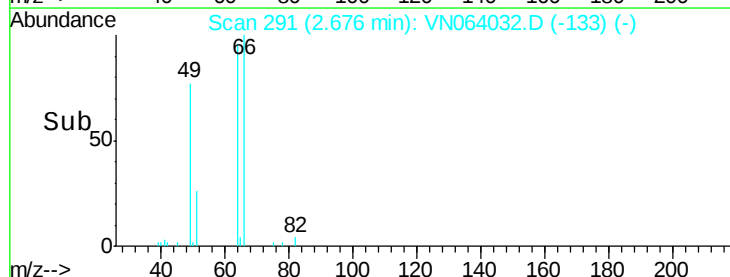
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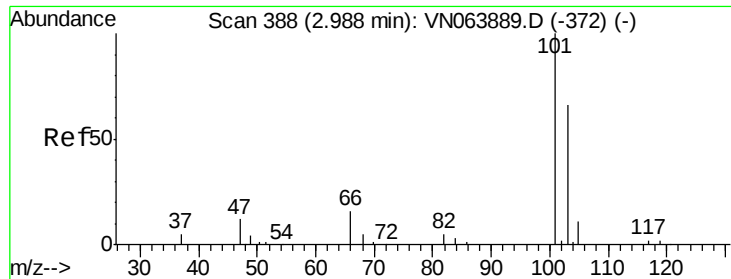
10000

5000

0

Time--> 2.60 2.65 2.70 2.75 2.80





#7

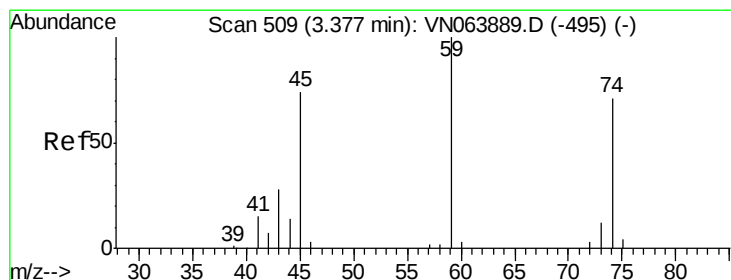
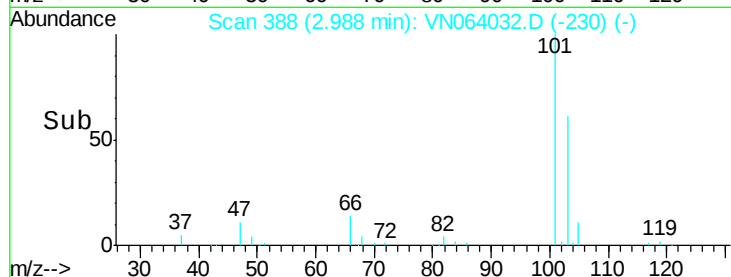
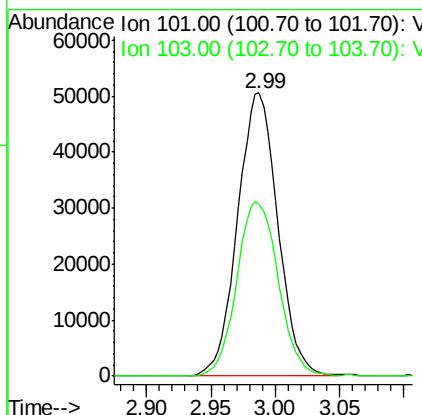
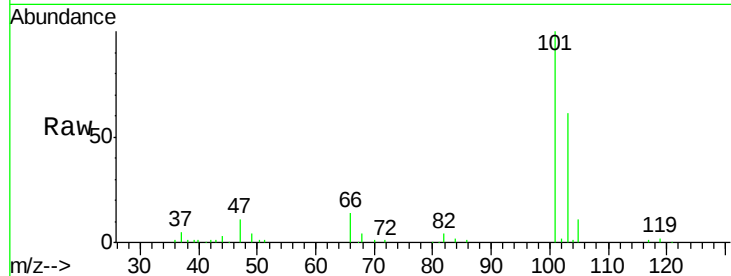
Trichlorofluoromethane
 Concen: 18.247 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		109957		
103	61.0	51.9	77.9		

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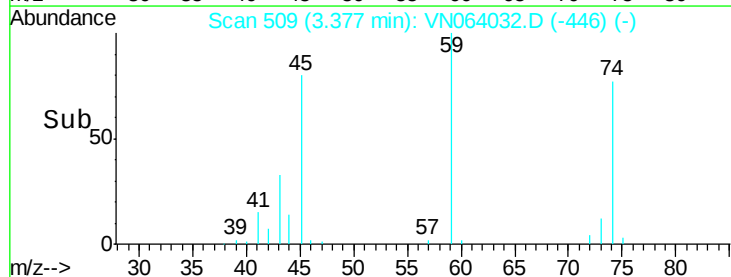
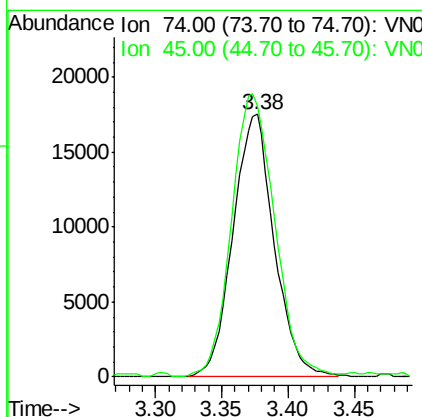
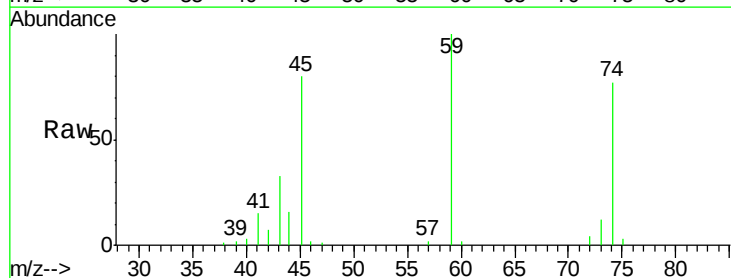
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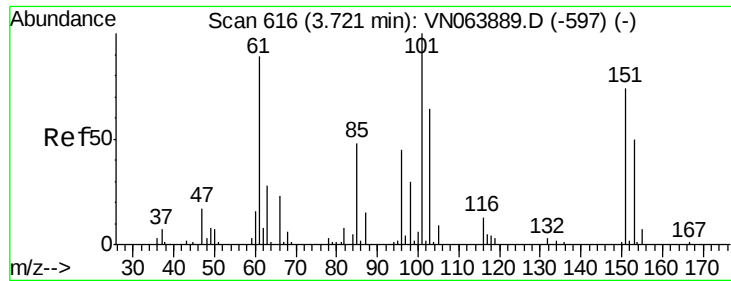


#8

Diethyl Ether
 Concen: 19.367 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		37789		
45	113.3	20.6	185.4		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.362 ug/l

RT: 3.72 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

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ClientSampleId :

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Tot Ion: 101 Resp: 57497

Ion Ratio Lower Upper

101 100

85 47.1 0.0 85.0

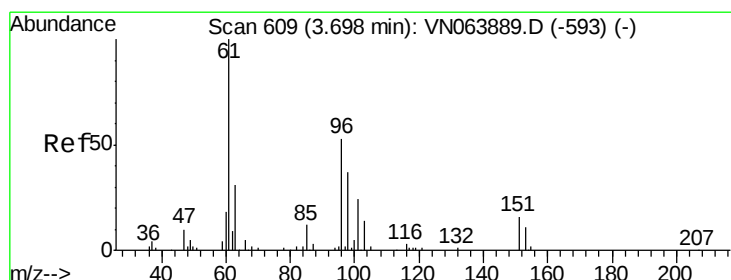
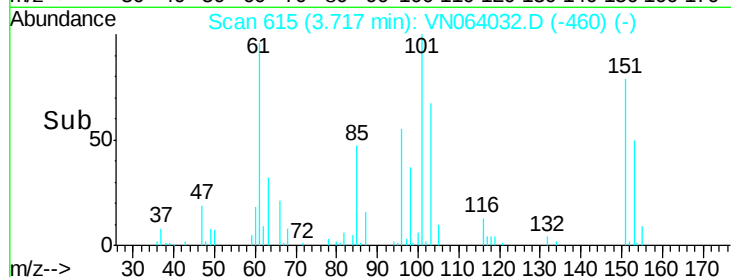
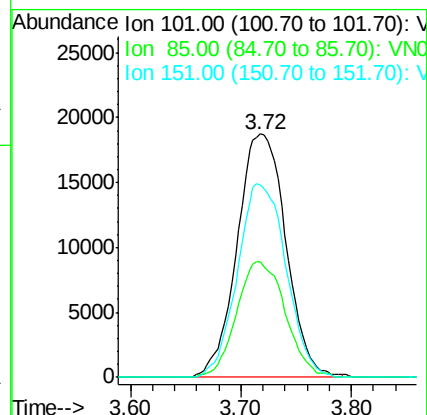
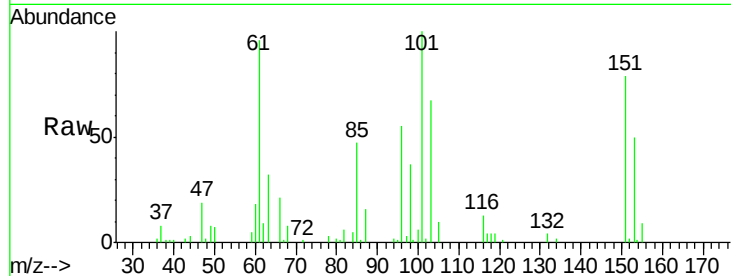
151 79.2 0.0 161.6

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#10

1,1-Dichloroethene

Concen: 17.988 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

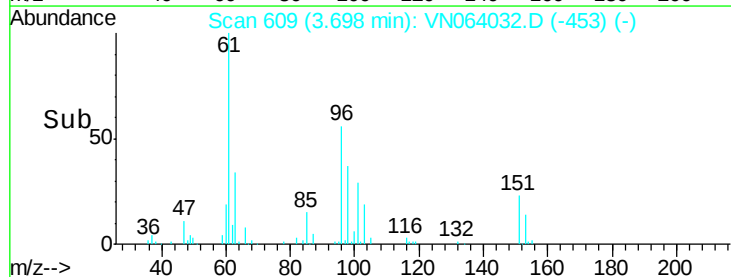
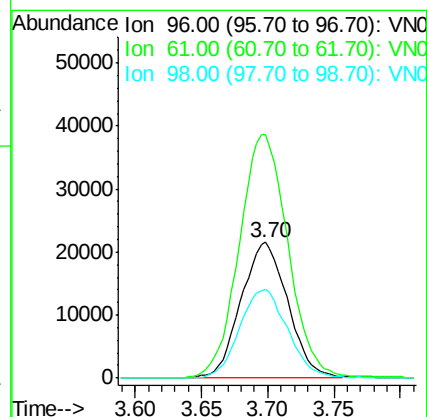
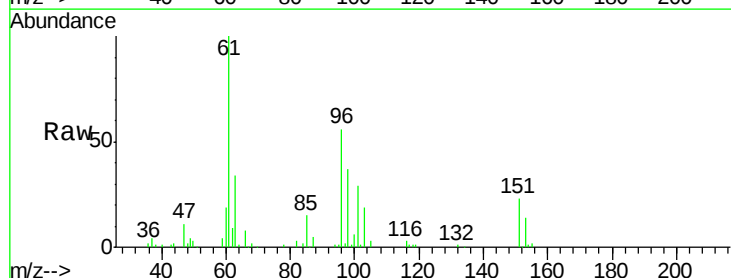
Tgt Ion: 96 Resp: 52883

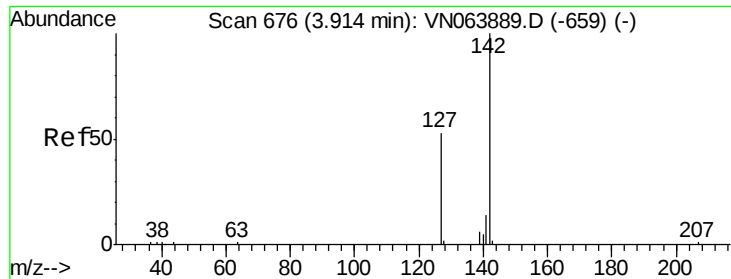
Ion Ratio Lower Upper

96 100

61 177.6 130.8 196.2

98 65.7 49.0 73.4





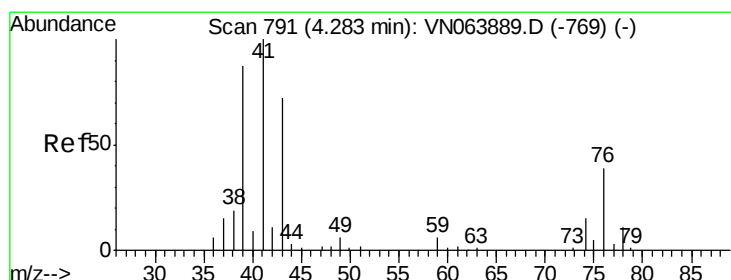
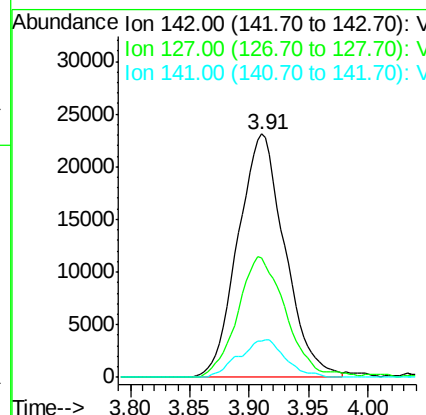
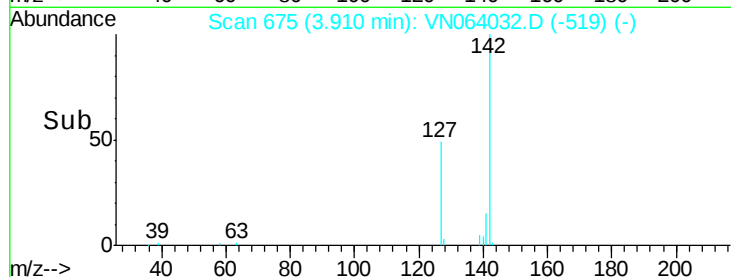
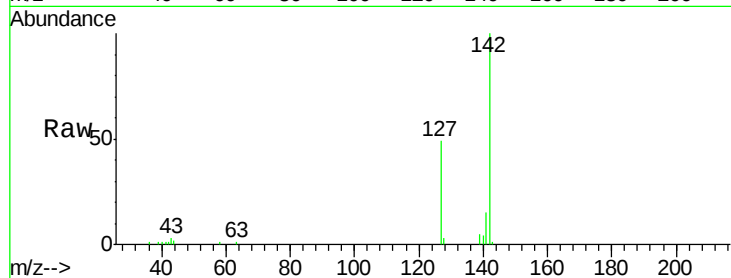
#11
Methyl Iodide
Concen: 16.839 ug/l
RT: 3.91 min Scan# 675
Delta R.T. 0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	48.7	20.9	62.8
141	14.9	6.7	20.1

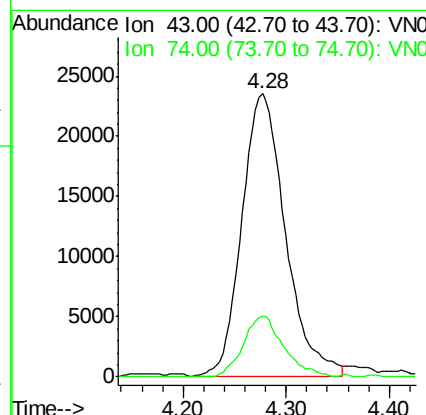
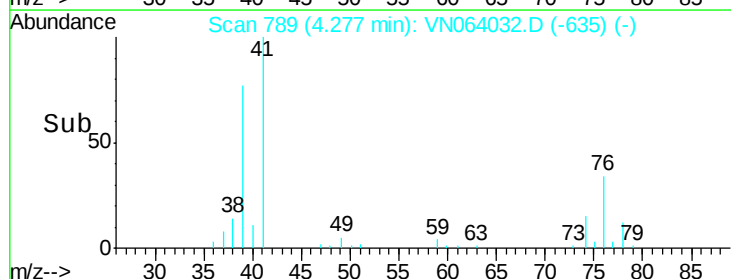
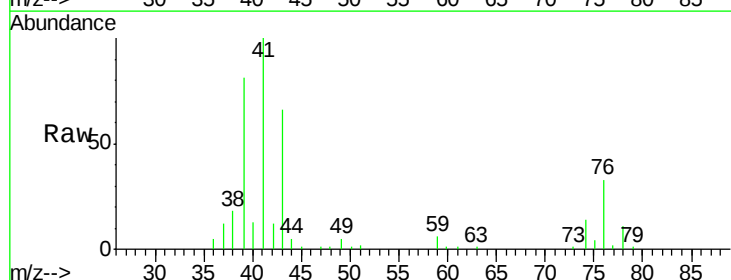
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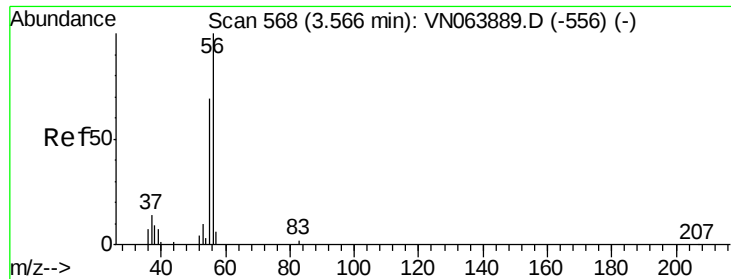
MMDadoda
10/12/2020 2:10:04 PM



#12
Methyl Acetate
Concen: 19.200 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	21.3	18.6	27.8





#13

Acrolein

Concen: 34.978 ug/l

RT: 3.57 min Scan# 568

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 12318

Ion Ratio Lower Upper

56 100

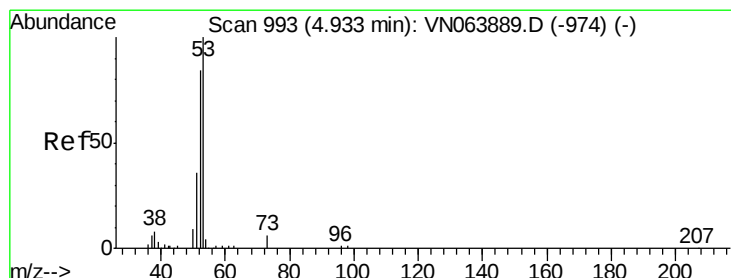
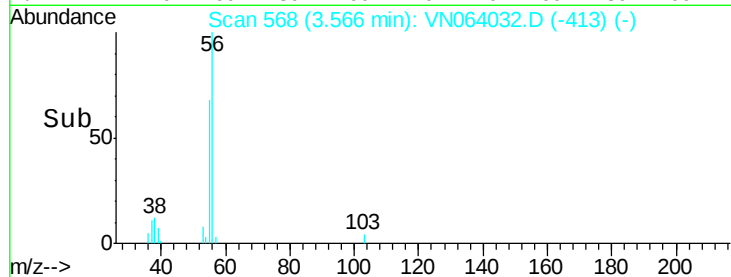
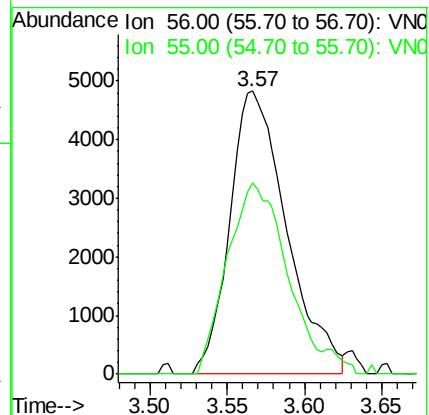
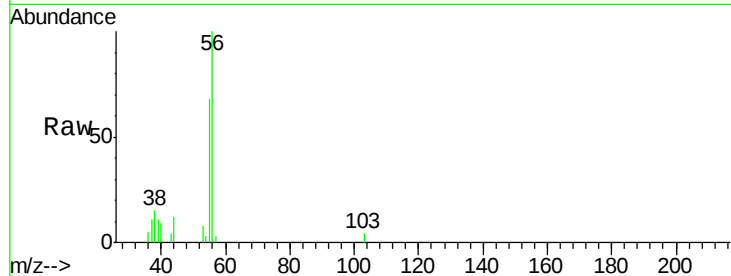
55 70.2 58.7 88.1

Manual Integrations

APPROVED

MMDadoda

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#14

Acrylonitrile

Concen: 91.703 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

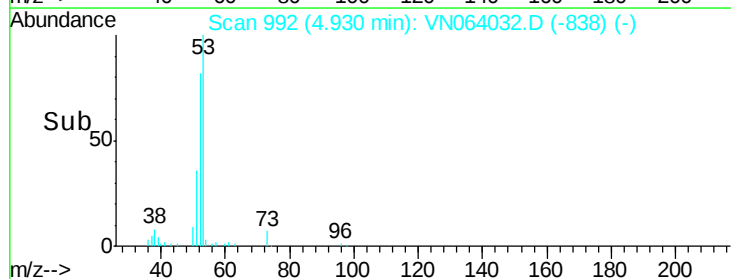
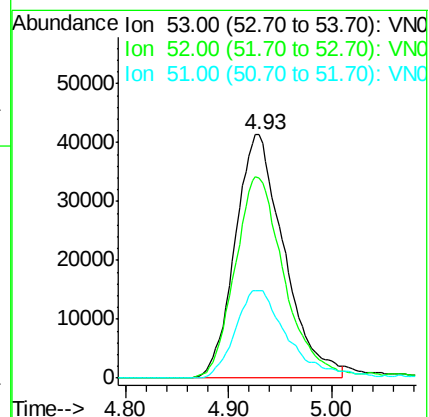
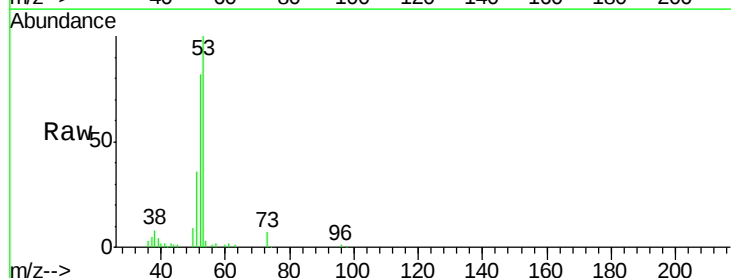
Tgt Ion: 53 Resp: 136415

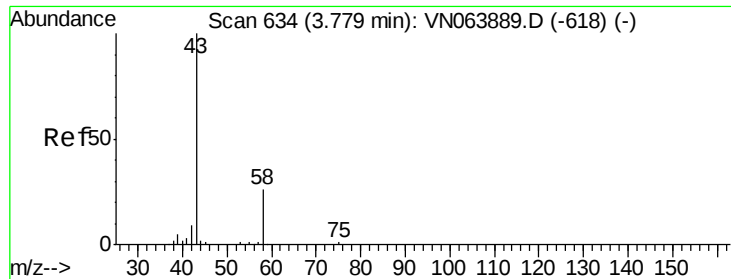
Ion Ratio Lower Upper

53 100

52 83.5 39.9 119.7

51 36.7 17.0 51.0





#15

Acetone

Concen: 136.011 ug/l

RT: 3.77 min Scan# 632

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 58 Resp: 58567

Ion Ratio Lower Upper

58 100

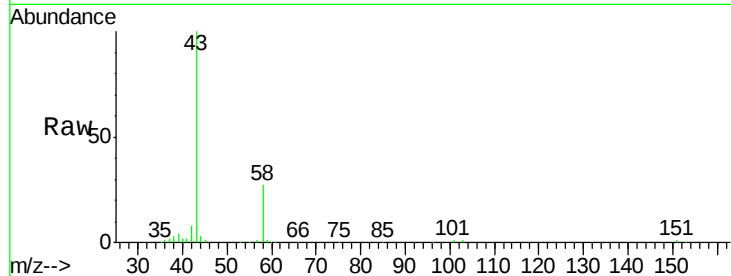
43 368.6 233.2 349.8#

Manual Integrations

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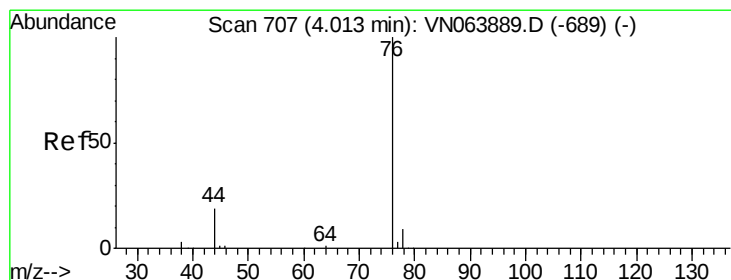
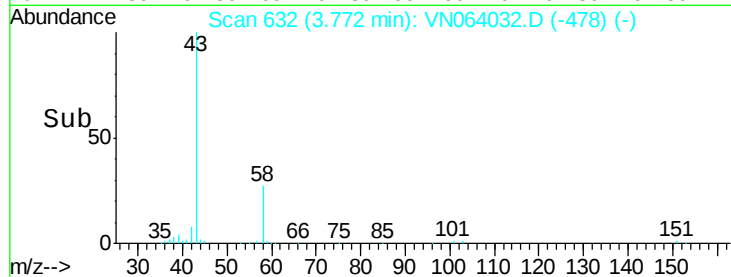
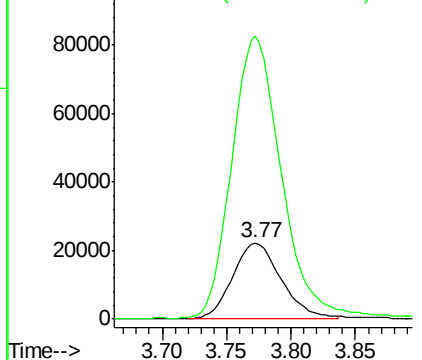
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Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#16

Carbon Disulfide

Concen: 18.602 ug/l

RT: 4.01 min Scan# 706

Delta R.T. 0.00 min

Lab File: VN064032.D

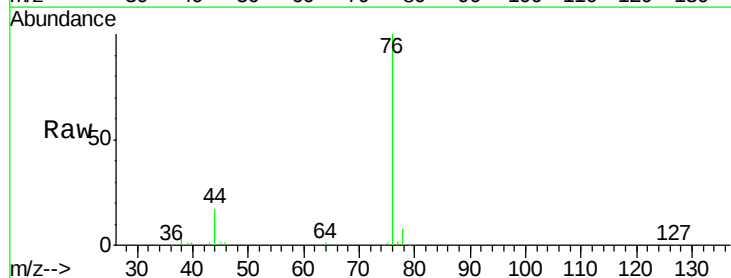
Acq: 9 Oct 2020 12:14

Tgt Ion: 76 Resp: 162174

Ion Ratio Lower Upper

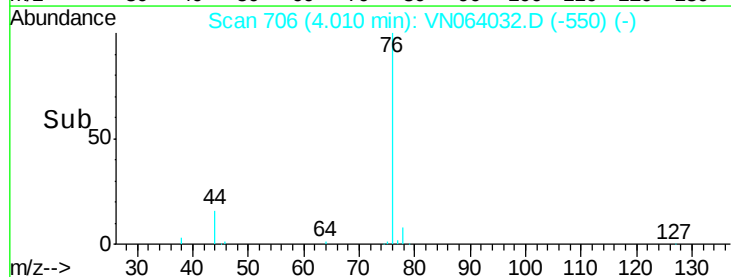
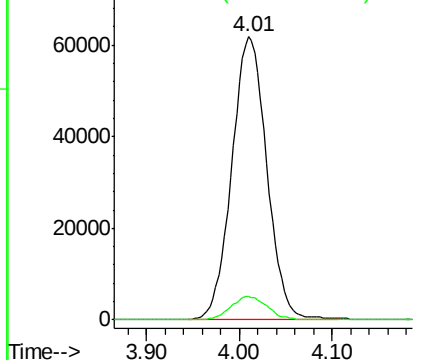
76 100

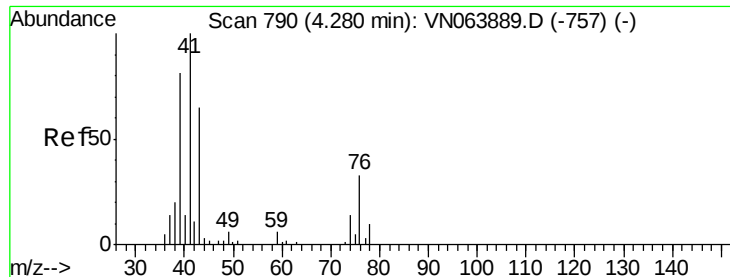
78 8.2 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN0

Ion 78.00 (77.70 to 78.70): VN0





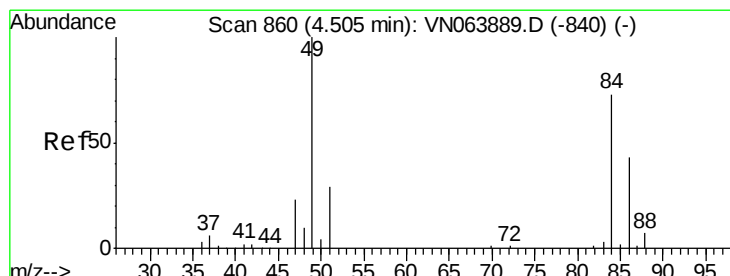
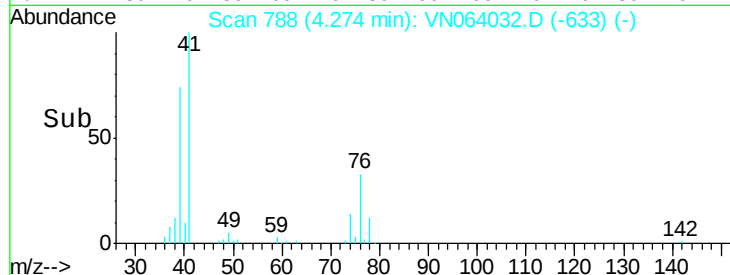
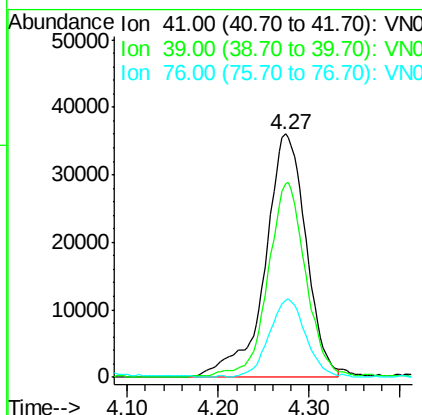
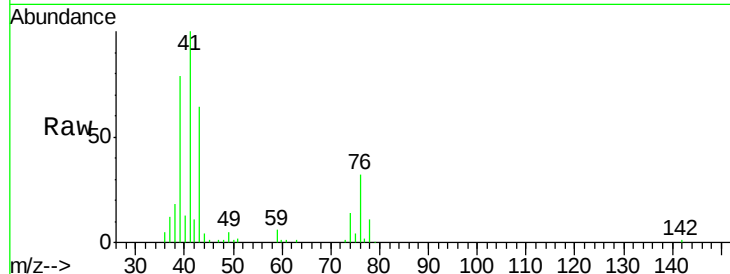
#17
Allvl chloride
Concen: 20.610 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:	41	Resp:	112773
Ion	Ratio	Lower	Upper
41	100		
39	79.5	33.8	101.4
76	31.3	19.4	58.4

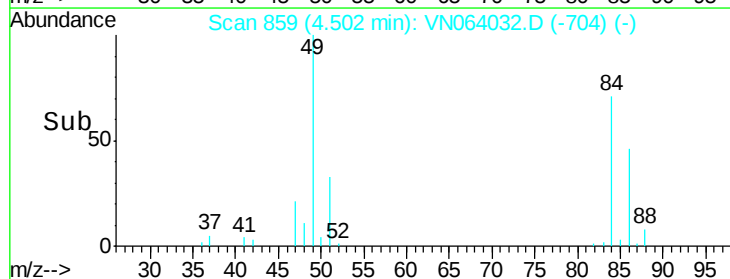
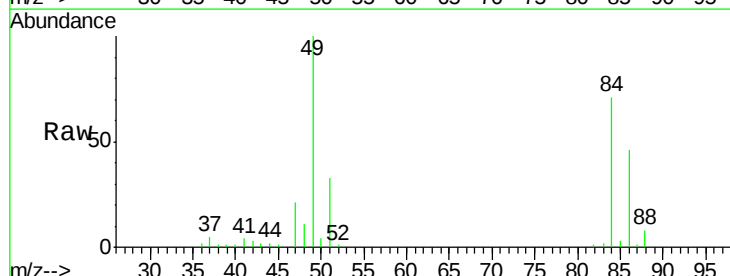
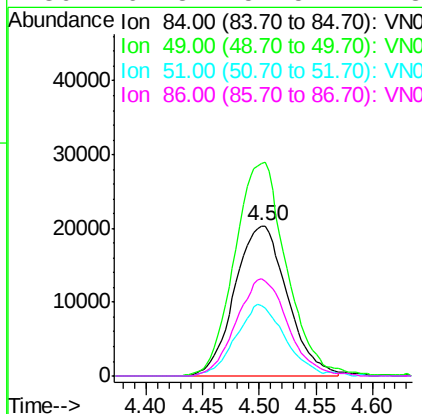
Manual Integrations
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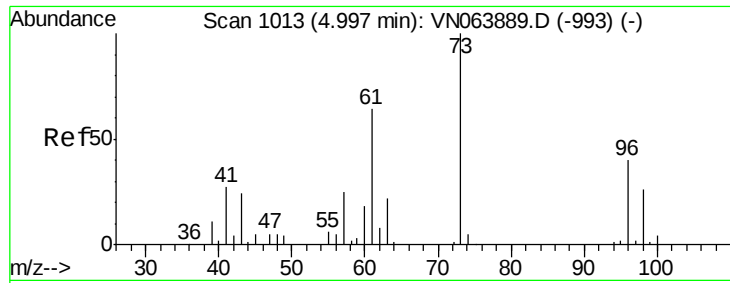
MMDadoda
10/12/2020 2:10:04 PM



#18
Methylene Chloride
Concen: 18.630 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion:	84	Resp:	65650
Ion	Ratio	Lower	Upper
84	100		
49	140.1	97.8	146.8
51	46.8	30.7	46.1#
86	64.8	51.5	77.3





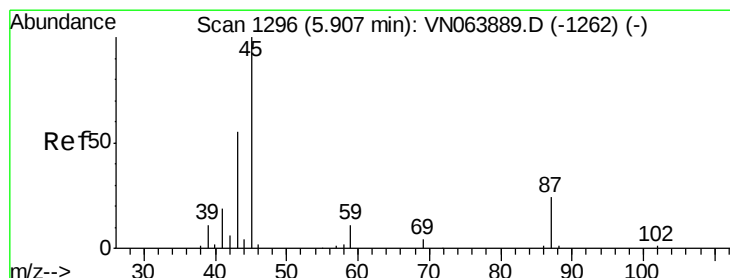
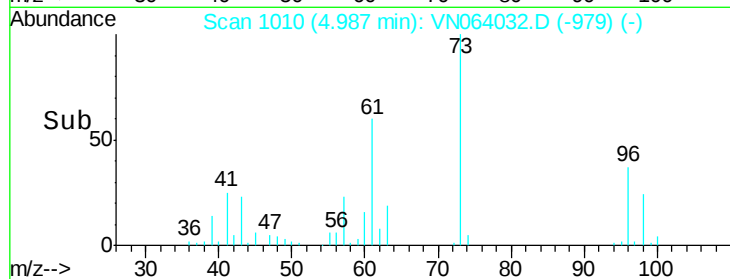
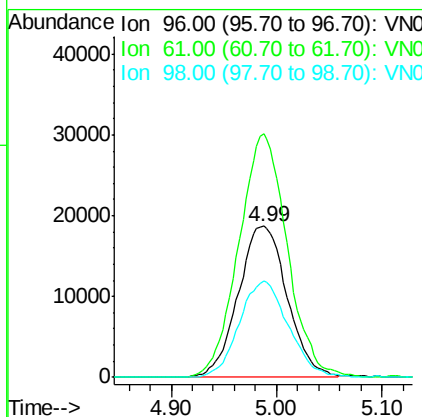
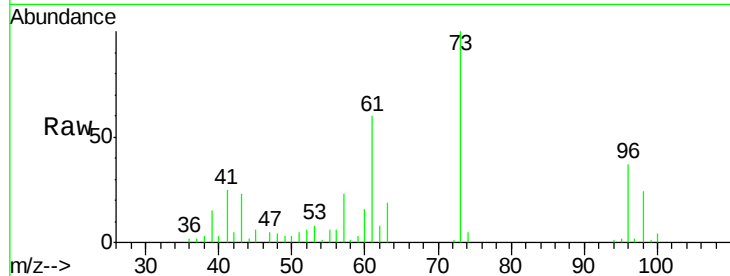
#19
trans-1,2-Dichloroethene
Concen: 18.199 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.3	115.9	173.9
98	63.7	53.3	79.9

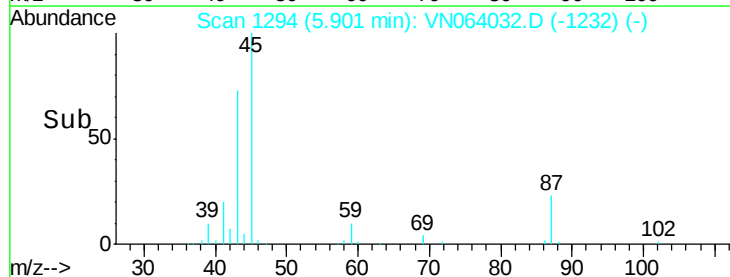
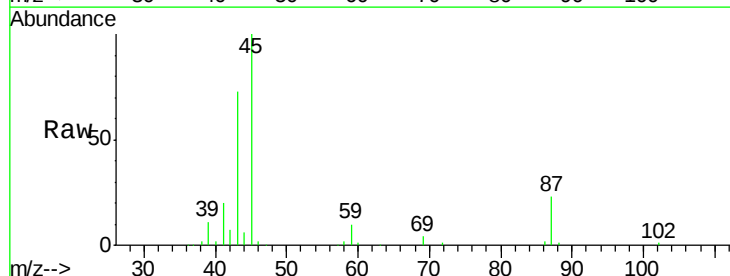
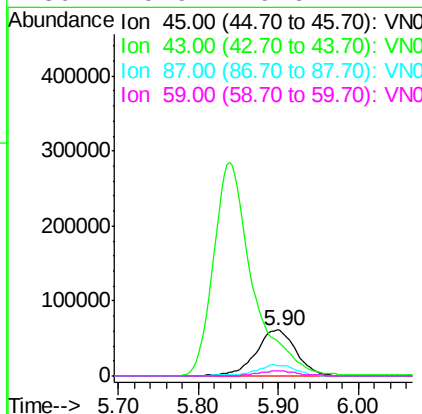
Manual Integrations
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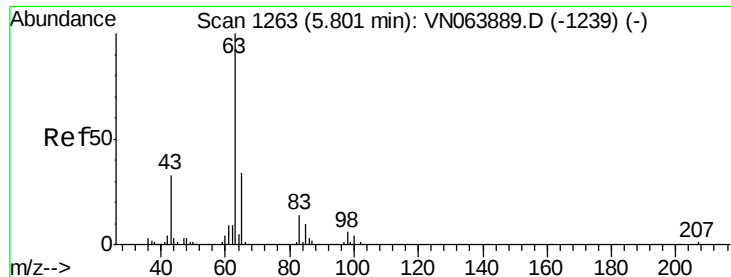
MMDadoda
10/12/2020 2:10:04 PM



#20
Diisopropyl ether
Concen: 19.364 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
45	100		
43	68.7	51.8	77.6
87	23.0	21.8	32.6
59	9.9	9.6	14.4





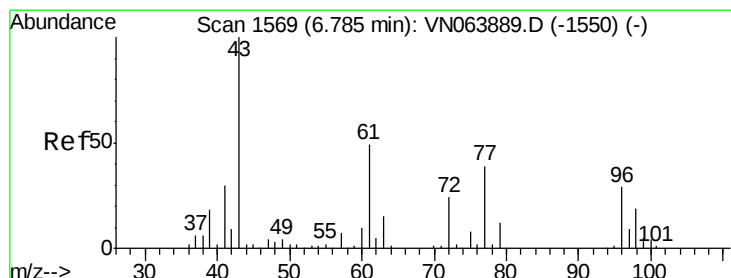
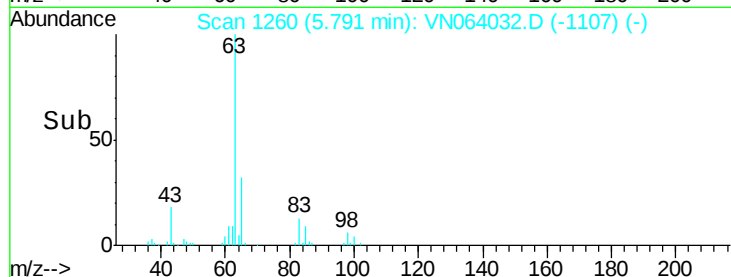
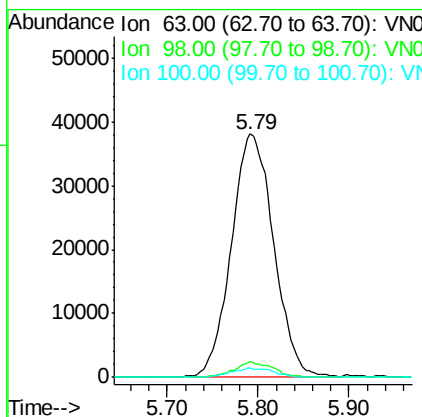
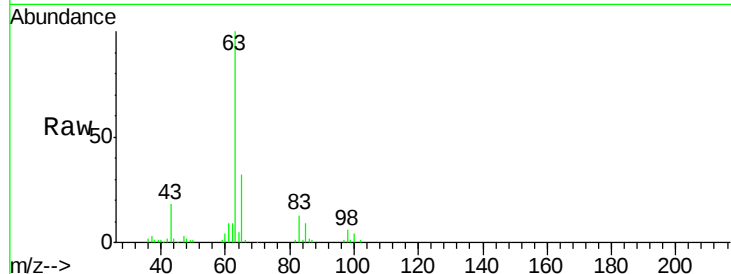
#21
 1,1-Dichloroethane
 Concen: 18.273 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
63	100	121679		
98	6.5		3.1	9.3
100	3.7		1.8	5.3

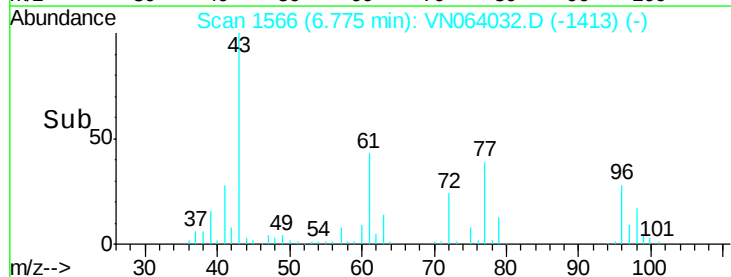
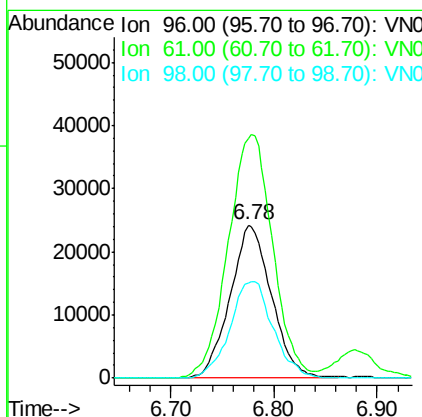
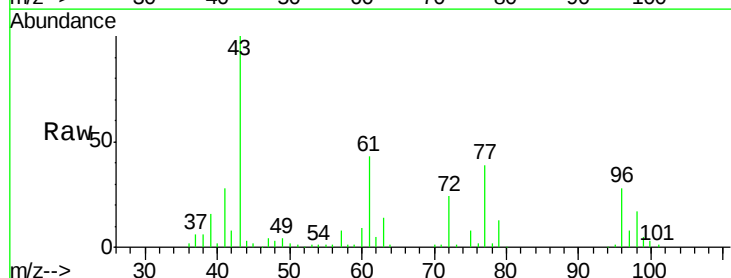
Manual Integrations
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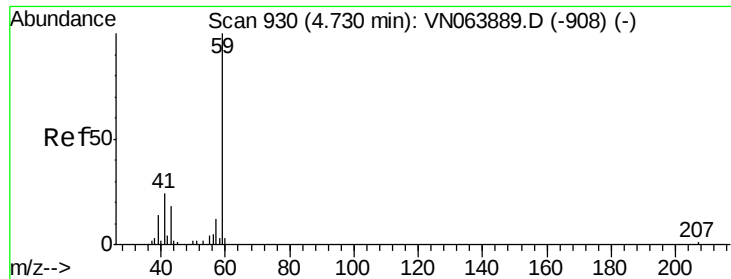
MMDadoda
 10/12/2020 2:10:04 PM



#22
 cis-1,2-Dichloroethene
 Concen: 17.980 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	67779		
61	170.8		120.9	181.3
98	65.7		50.3	75.5





#23

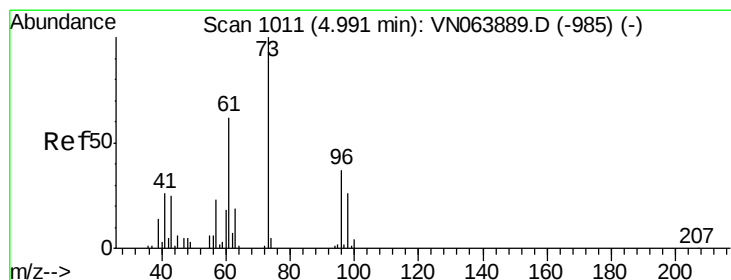
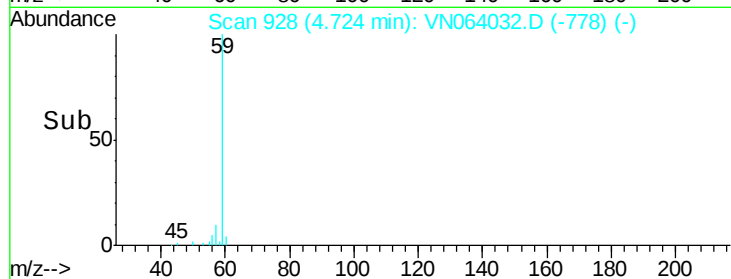
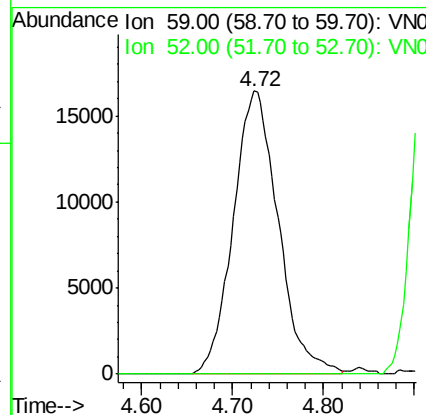
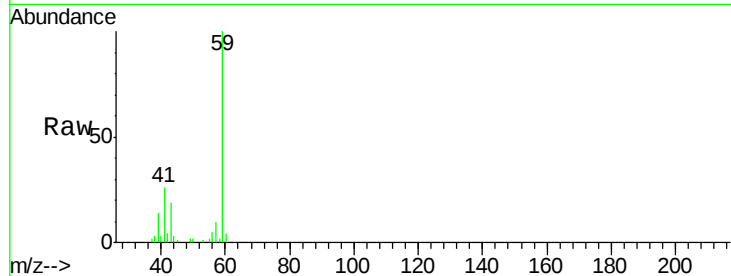
tert-Butyl Alcohol
 Concen: 88.538 ug/l
 RT: 4.72 min Scan# 928
 Delta R.T. -0.02 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.0	0.0	0.0

Manual Integrations
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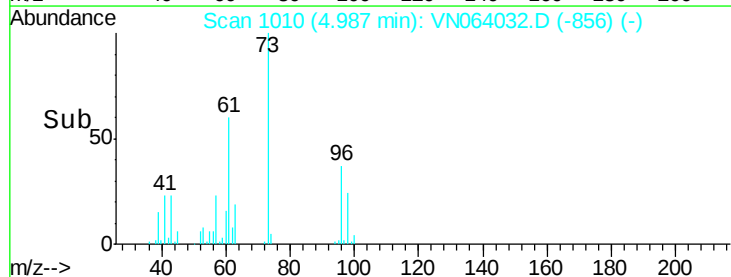
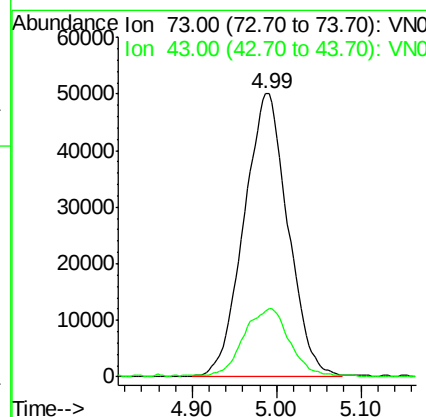
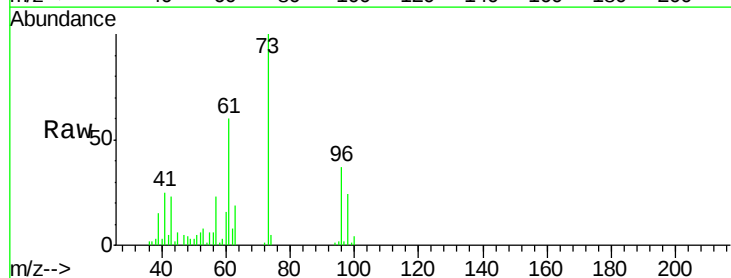
MMDadoda
 10/12/2020 2:10:04 PM

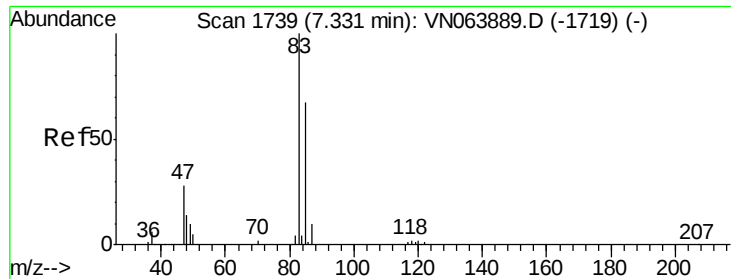


#24

Methyl tert-Butyl Ether
 Concen: 18.421 ug/l
 RT: 4.99 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
73	100		
43	23.7	15.8	23.6#





#25

Chloroform

Concen: 18.069 ug/l

RT: 7.32 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 126155

Ion Ratio Lower Upper

83 100

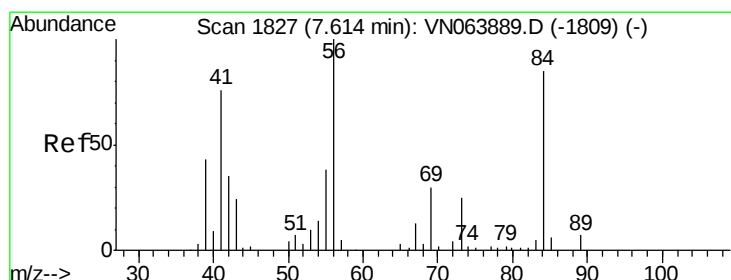
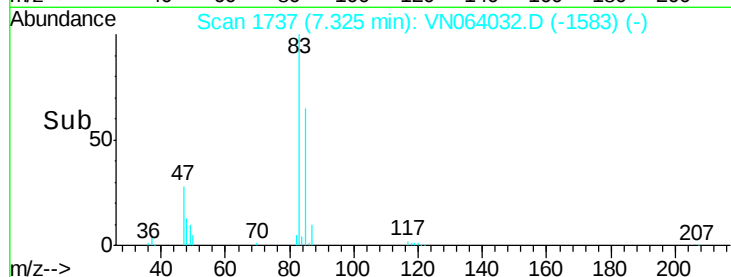
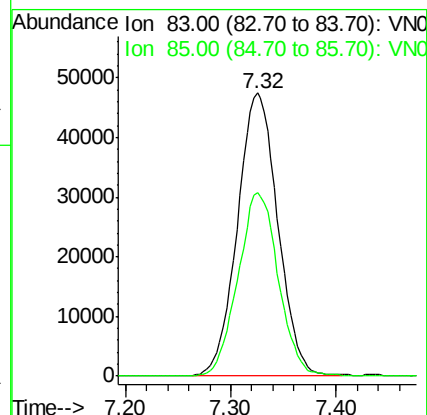
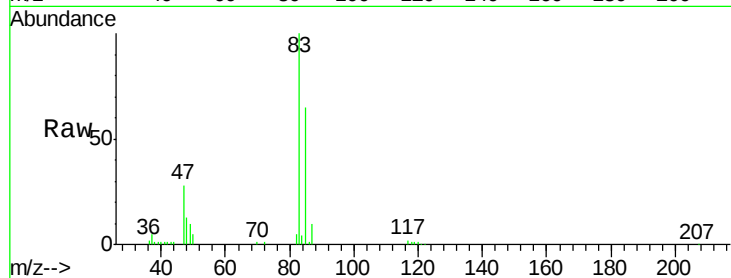
85 64.7 51.0 76.4

Manual Integrations

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#26

Cyclohexane

Concen: 18.583 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

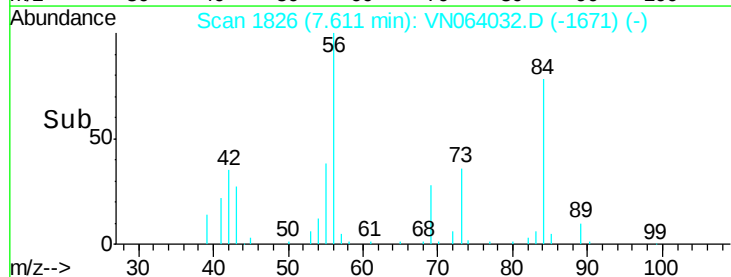
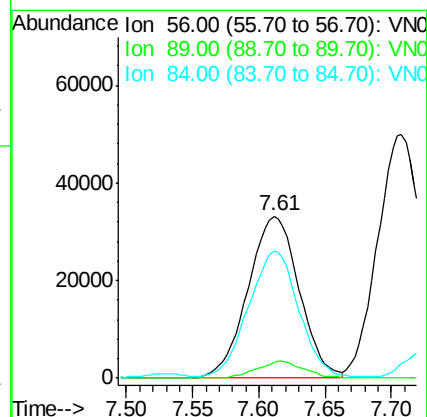
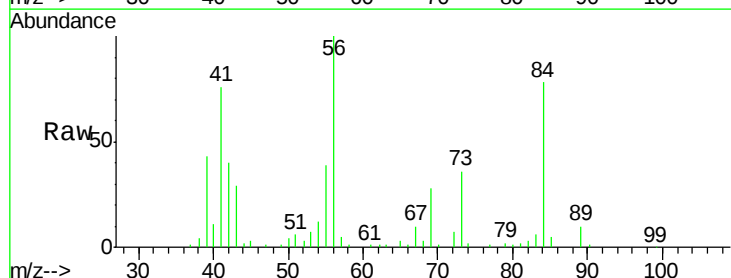
Tgt Ion: 56 Resp: 89133

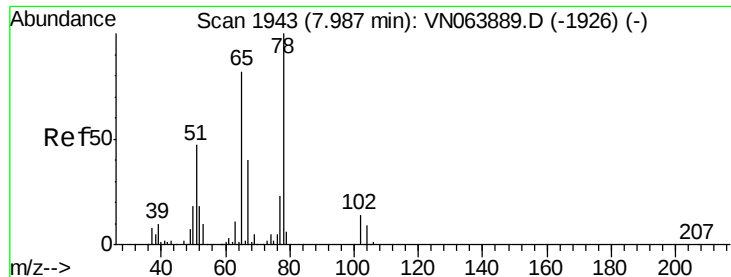
Ion Ratio Lower Upper

56 100

89 9.7 0.0 0.0#

84 76.1 65.0 97.4





#27

1,2-Dichloroethane-d4

Concen: 28.792 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 65 Resp: 141664

Ion Ratio Lower Upper

65 100

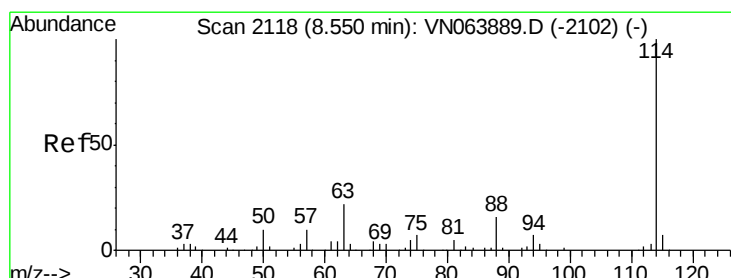
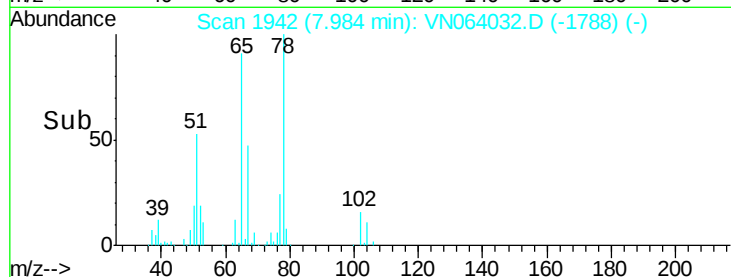
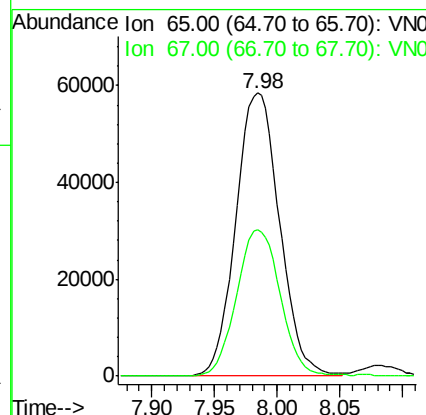
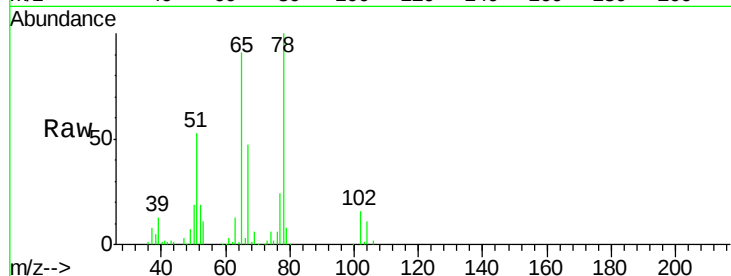
67 51.8 43.8 65.6

Manual Integrations

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

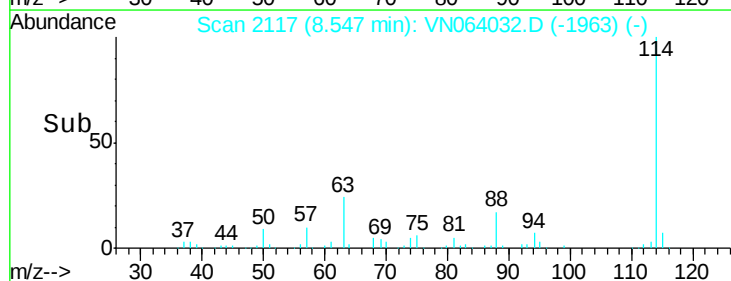
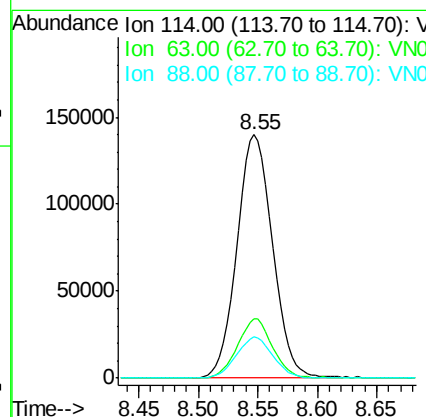
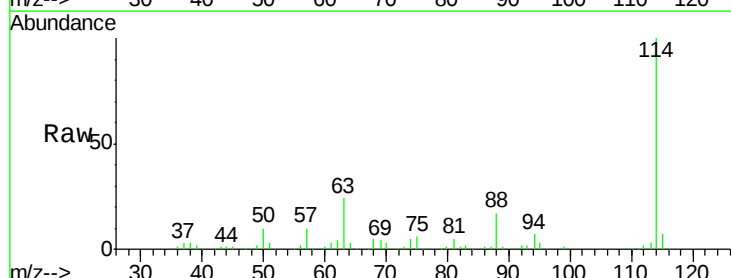
Tgt Ion: 114 Resp: 291118

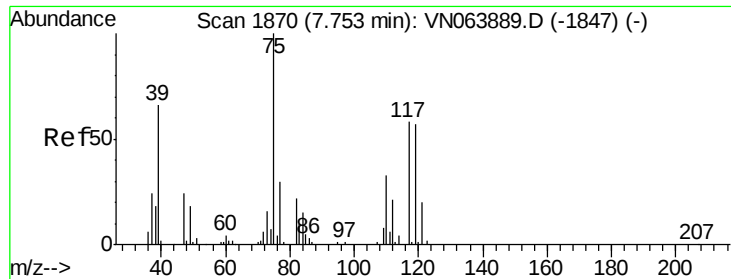
Ion Ratio Lower Upper

114 100

63 23.8 17.0 25.6

88 17.0 12.6 18.8





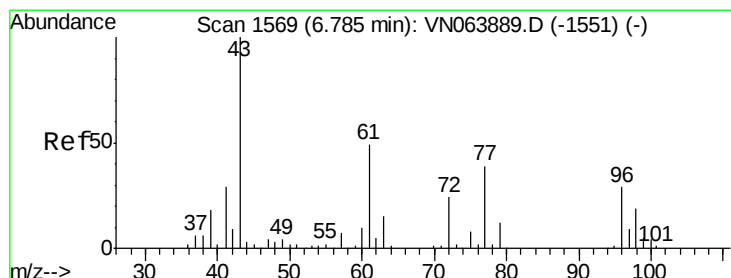
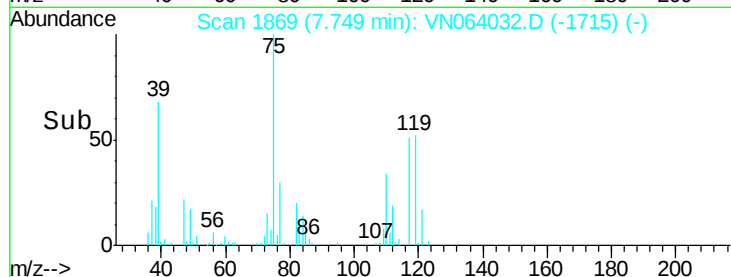
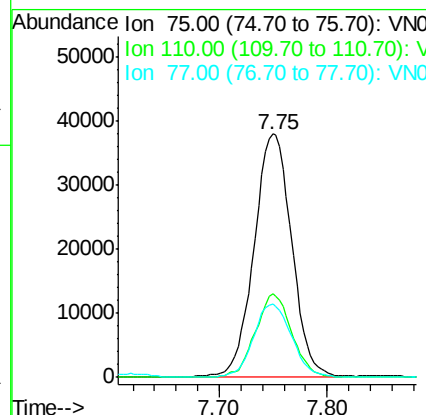
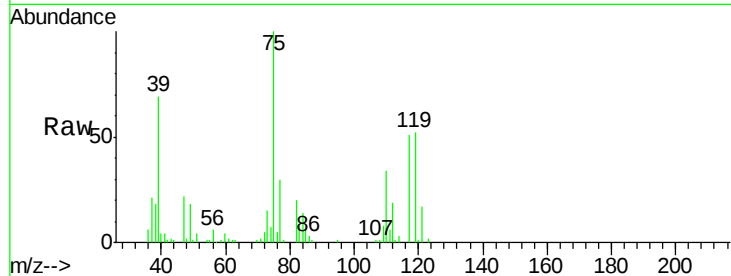
#29
 1,1-Dichloropropene
 Concen: 18.090 ug/l
 RT: 7.75 min Scan# 1869
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	33.0	0.0	70.6
77	30.5	0.0	60.2

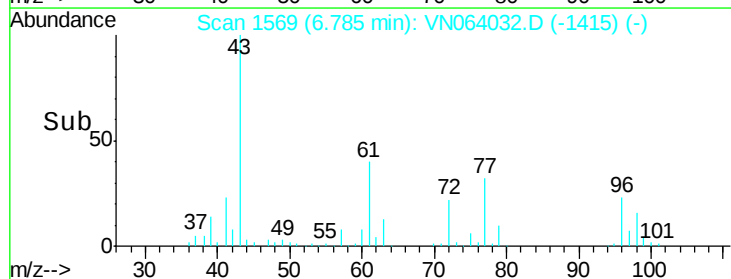
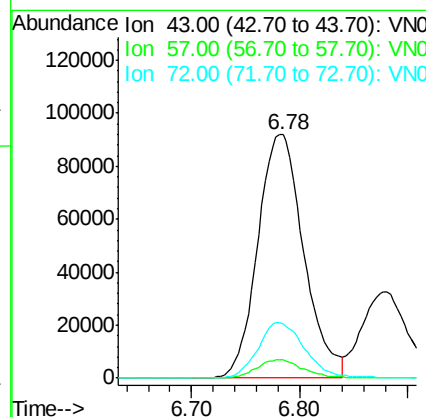
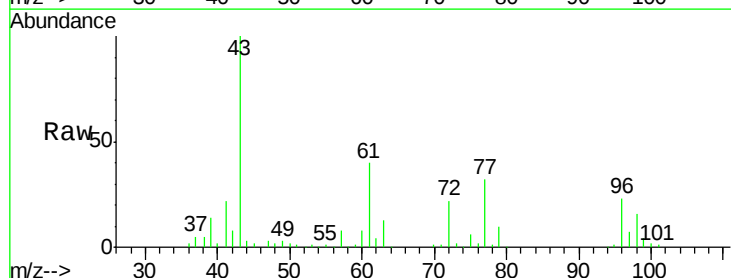
Manual Integrations
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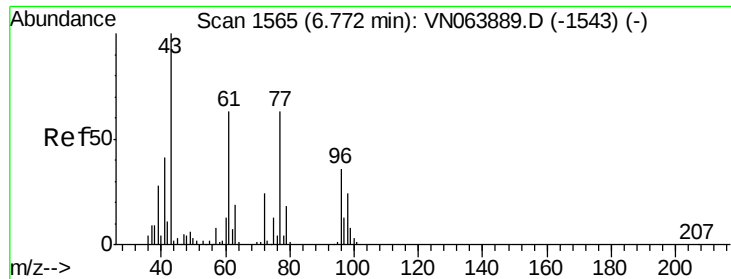
MMDadoda
 10/12/2020 2:10:04 PM



#30
 2-Butanone
 Concen: 108.032 ug/l
 RT: 6.78 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.6	9.8
72	23.2	21.3	31.9





#31

2,2-Dichloropropane

Concen: 17.989 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 109602

Ion Ratio Lower Upper

77 100

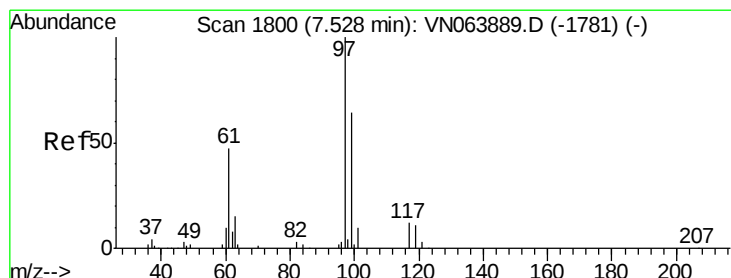
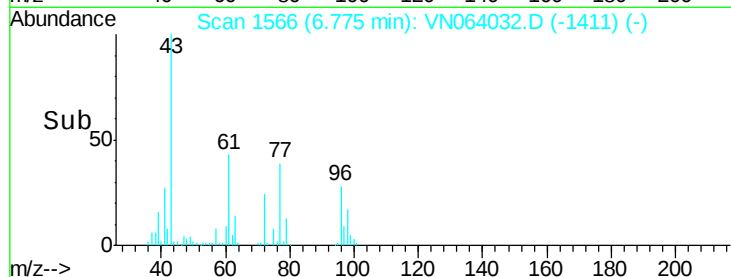
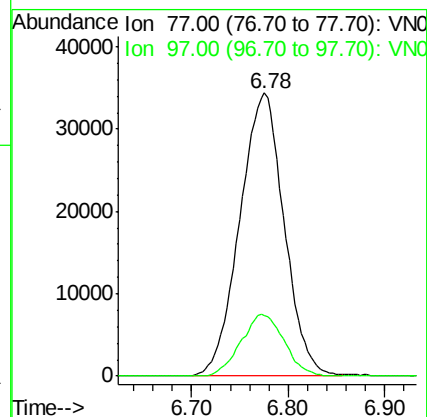
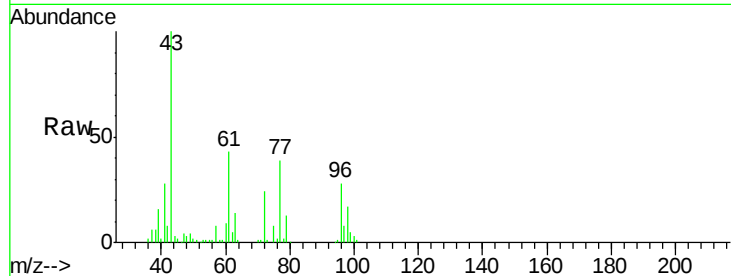
97 21.3 18.2 27.4

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 17.336 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

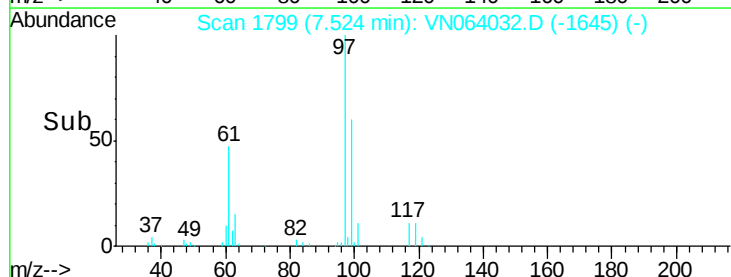
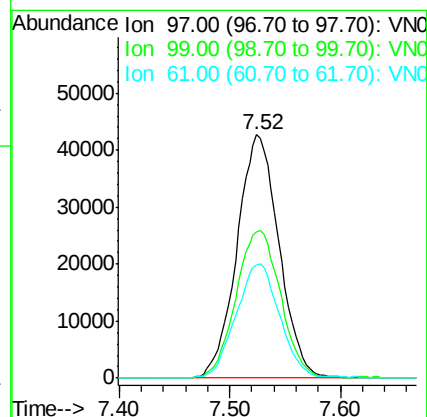
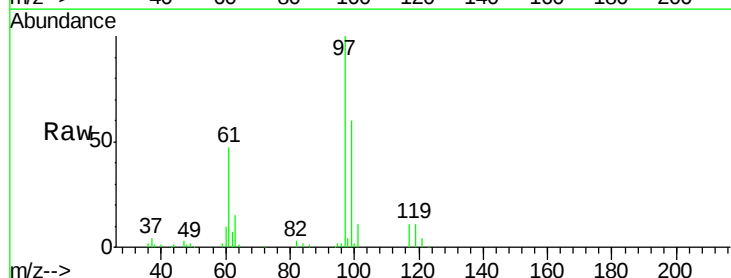
Tgt Ion: 97 Resp: 112752

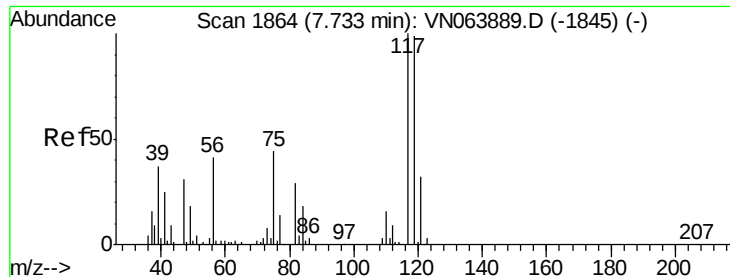
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 48.5 35.3 52.9





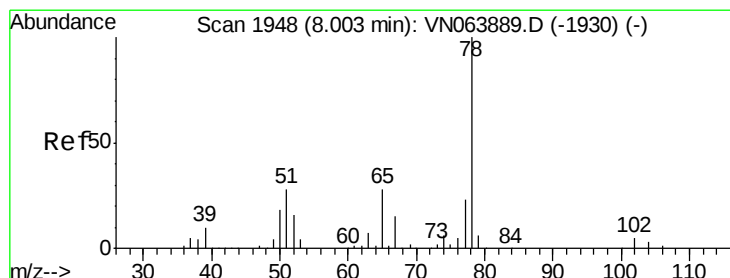
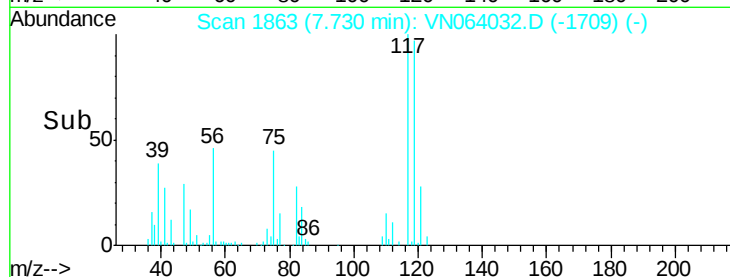
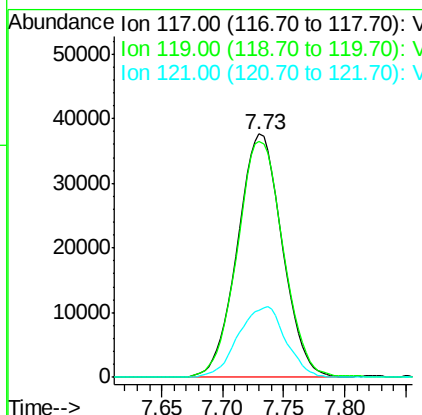
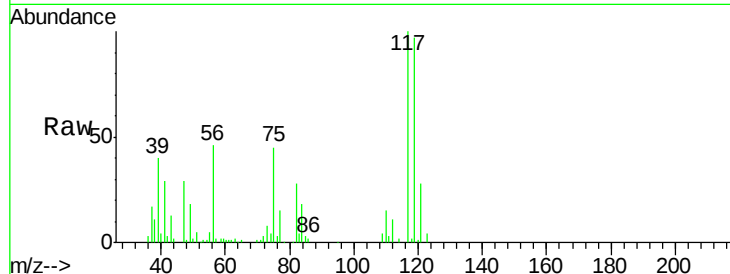
#33
Carbon Tetrachloride
Concen: 16.763 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.5	73.0	109.4
121	27.7	24.9	37.3

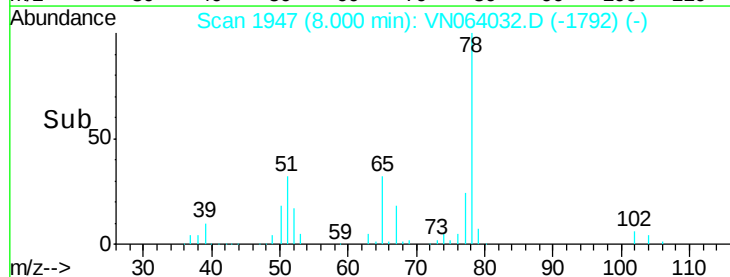
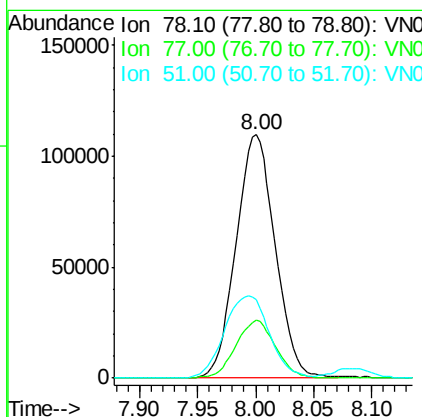
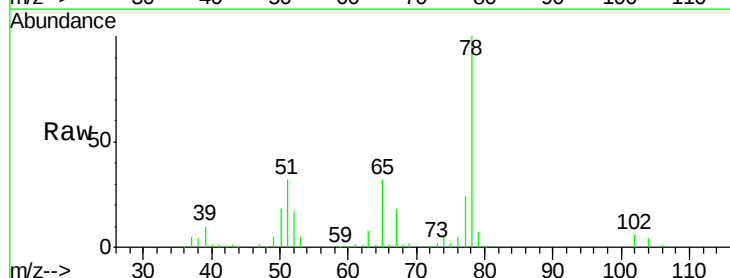
Manual Integrations
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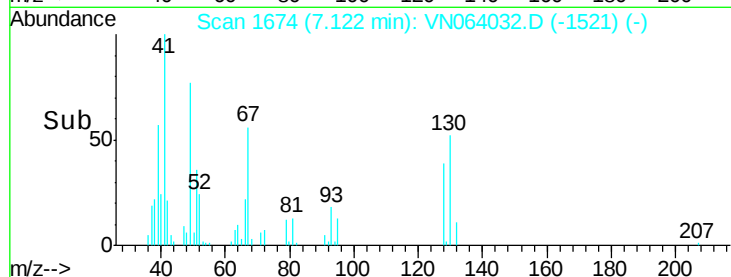
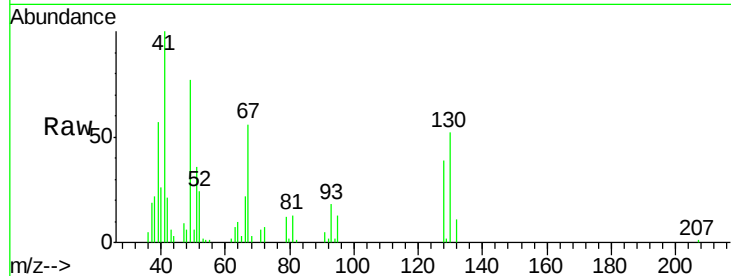
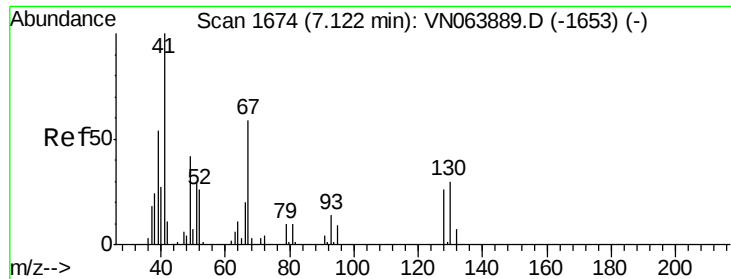
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#34
Benzene
Concen: 17.814 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.8	18.6	27.8
51	31.6	22.2	33.2





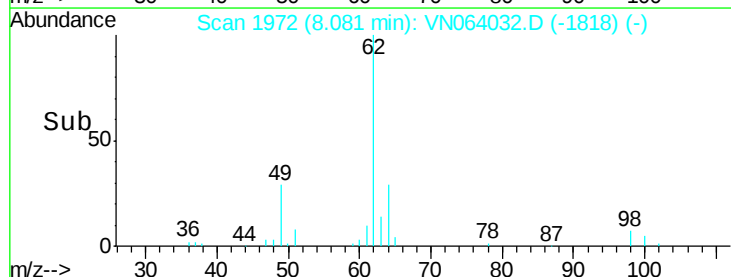
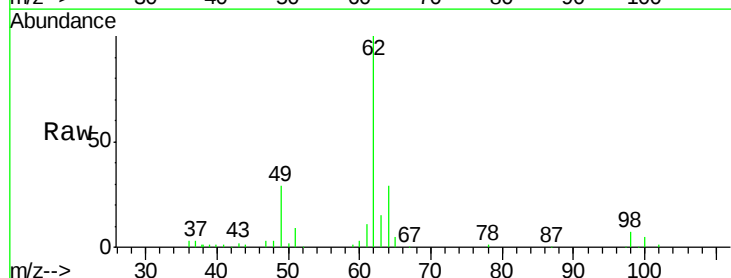
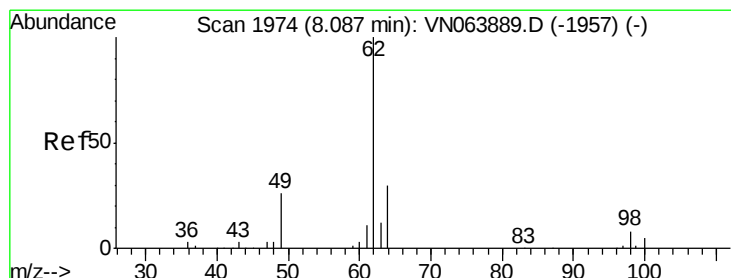
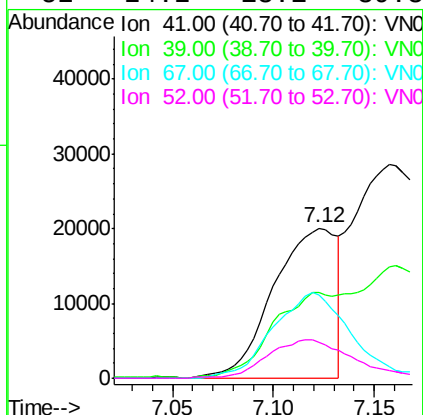
#35
Methacrylonitrile
Concen: 18.478 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tot Ion	41.00	Resp	43914
Ion	Ratio	Lower	Upper
41	100		
39	57.4	23.7	71.1
67	55.9	31.6	94.7
52	24.2	13.1	39.3

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

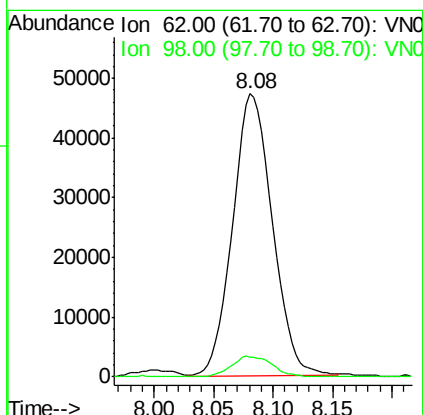
Manual Integrations
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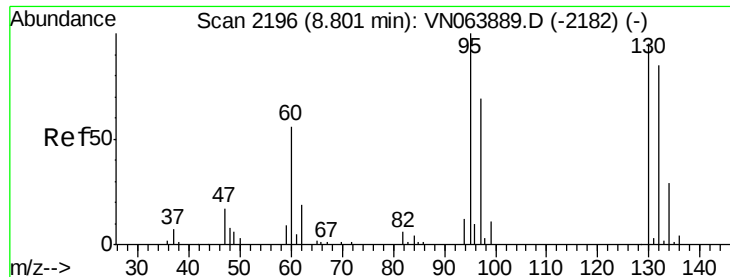
MMDadoda
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#36
1,2-Dichloroethane
Concen: 17.203 ug/l
RT: 8.08 min Scan# 1972
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	62.00	Resp	109559
Ion	Ratio	Lower	Upper
62	100		
98	7.4	7.6	11.4#





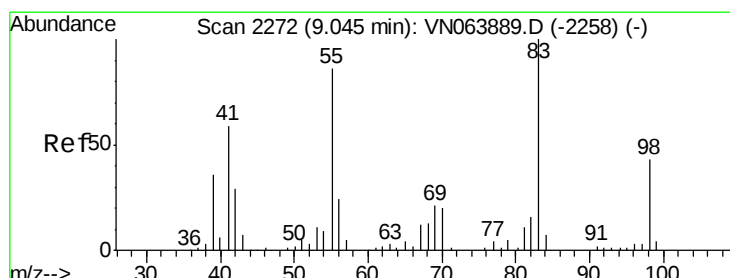
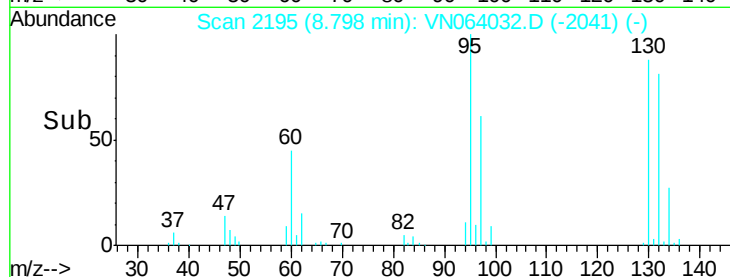
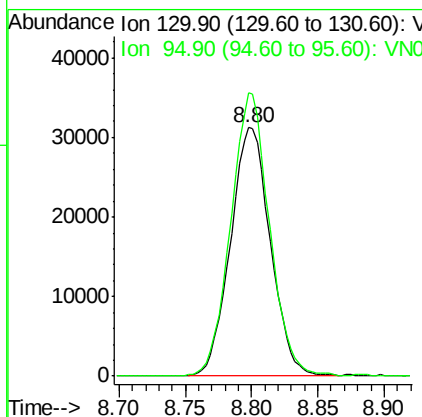
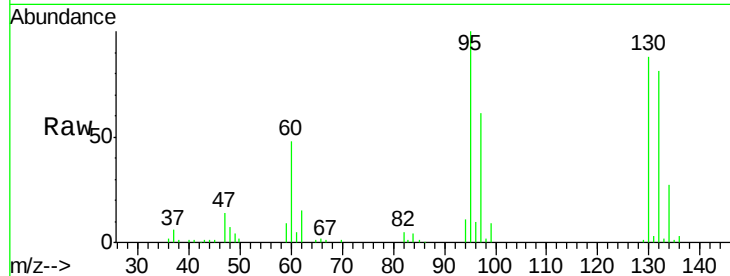
#37
 Trichloroethene
 Concen: 17.193 ug/l
 RT: 8.80 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:130 Resp: 65297
 Ion Ratio Lower Upper
 130 100
 95 113.9 78.9 118.3

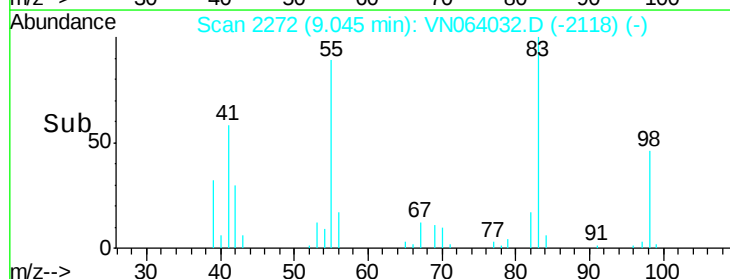
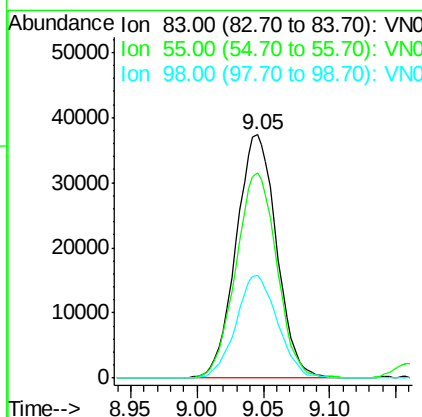
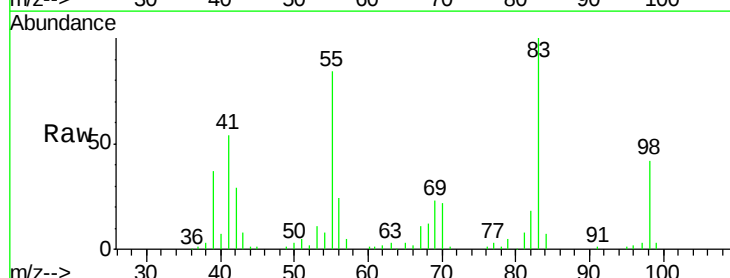
Manual Integrations
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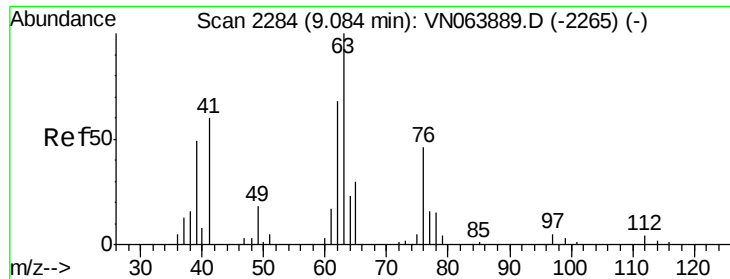
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#38
 Methylcyclohexane
 Concen: 18.384 ug/l
 RT: 9.05 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion: 83 Resp: 79133
 Ion Ratio Lower Upper
 83 100
 55 85.0 41.9 125.7
 98 43.2 22.2 66.6





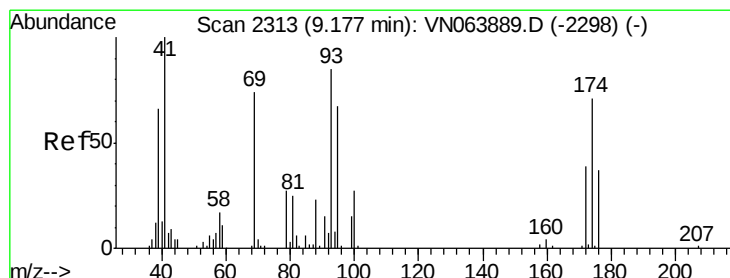
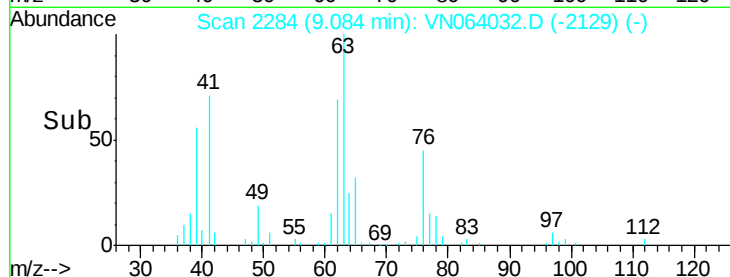
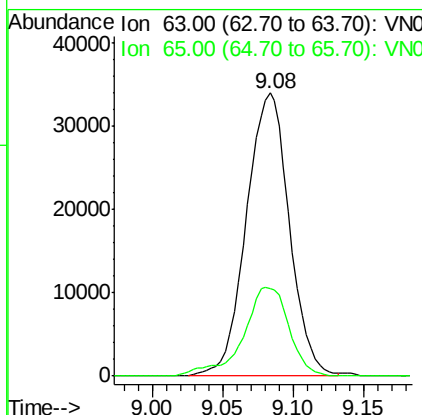
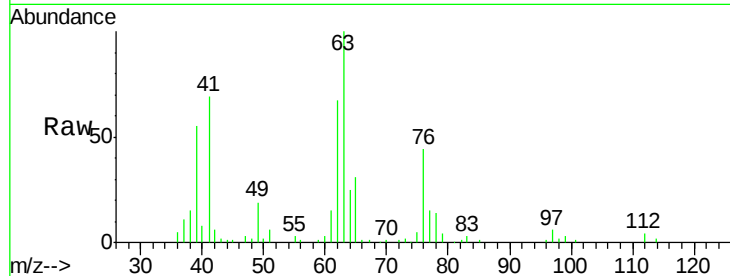
#39
 1,2-Dichloropropane
 Concen: 18.371 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	25.1	37.7

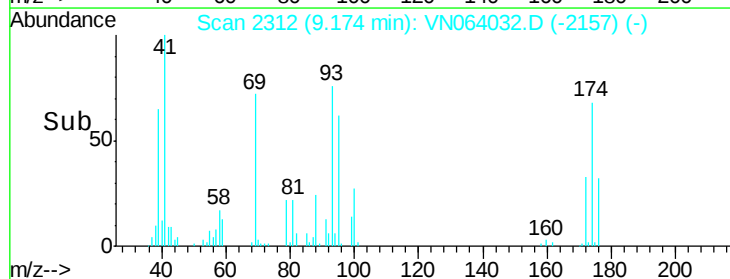
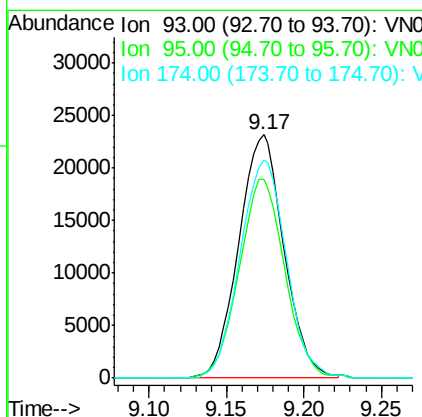
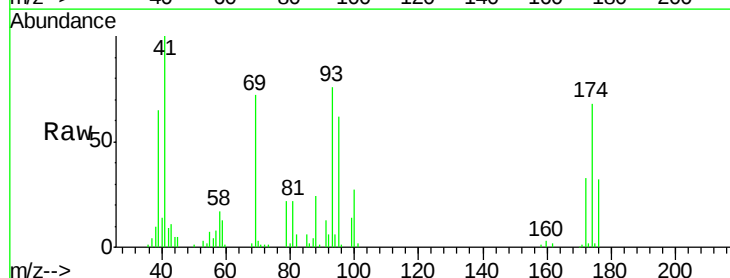
Manual Integrations
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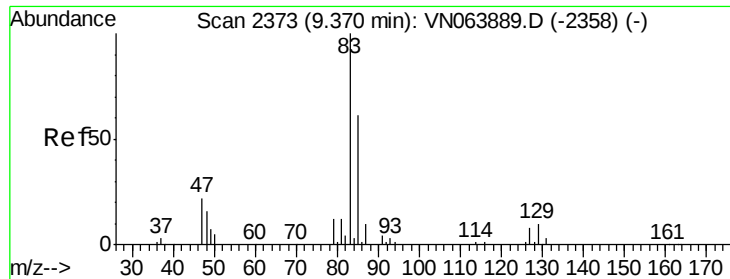
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#40
 Dibromomethane
 Concen: 17.151 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.2	0.0	168.2
174	91.5	0.0	208.4





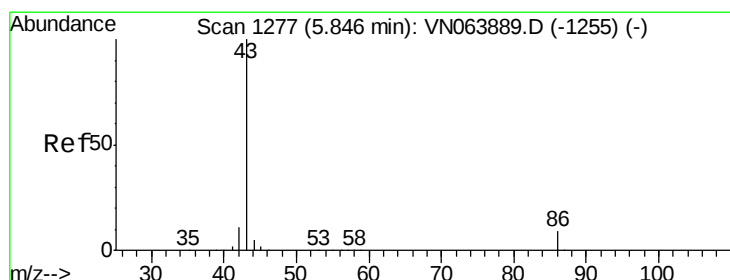
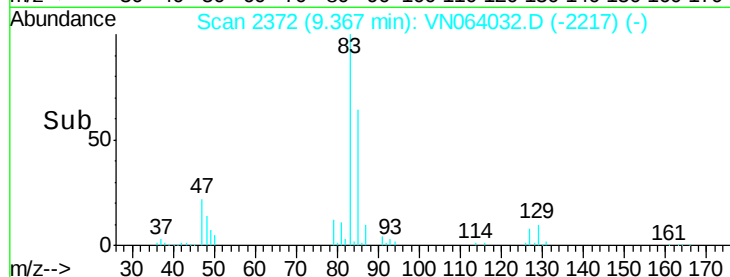
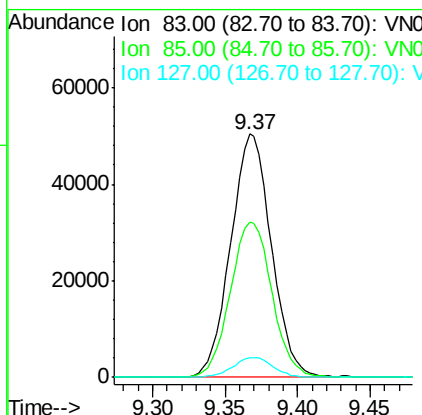
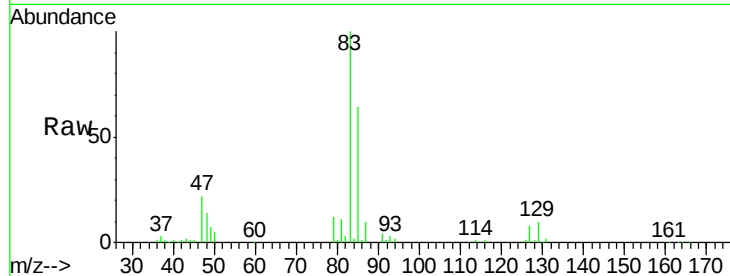
#41
Bromodichloromethane
Concen: 17.185 ug/l
RT: 9.37 min Scan# 2372
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	83	Resp	98247
Ion Ratio	100	Lower	Upper
83	100		
85	63.4	52.6	79.0
127	8.0	7.4	11.0

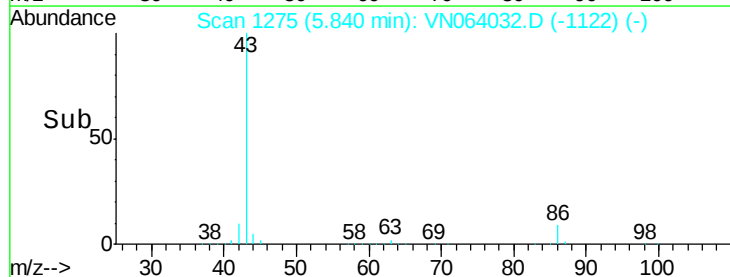
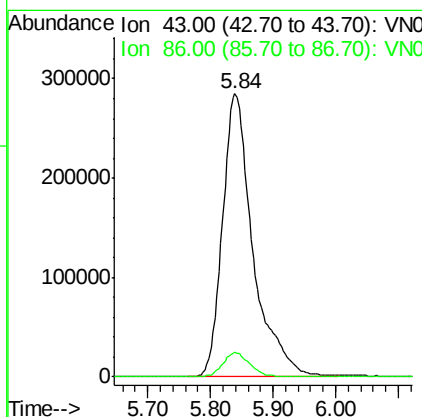
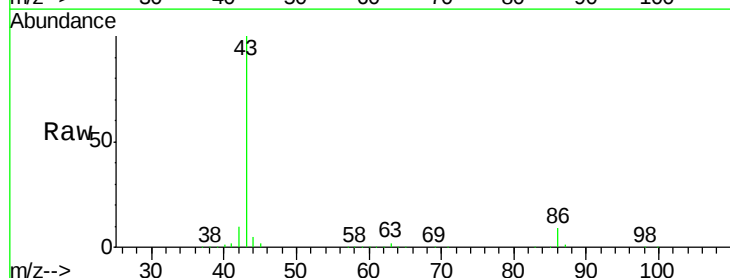
Manual Integrations
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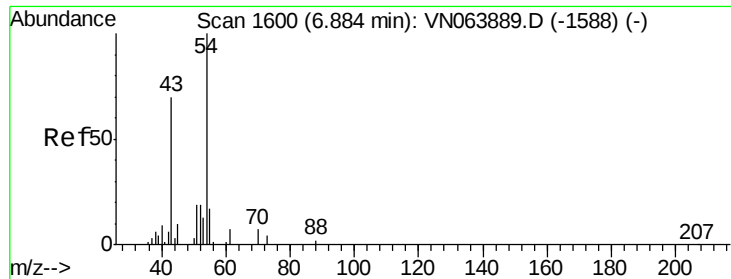
MMDadoda
10/12/2020 2:10:04 PM



#42
Vinyl Acetate
Concen: 92.758 ug/l
RT: 5.84 min Scan# 1275
Delta R.T. -0.01 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	43	Resp	962614
Ion Ratio	100	Lower	Upper
43	100		
86	7.6	6.7	10.1





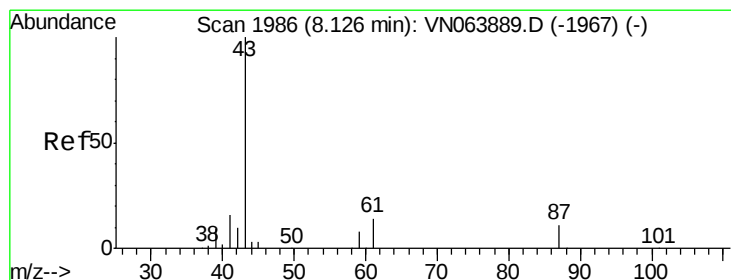
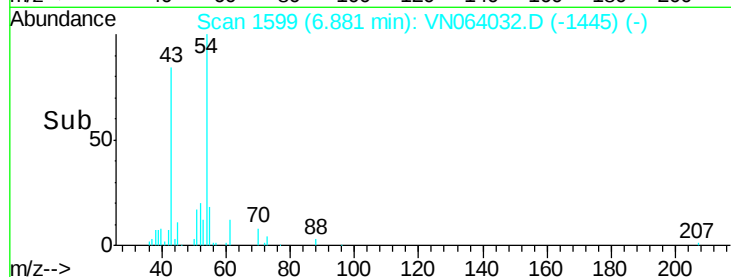
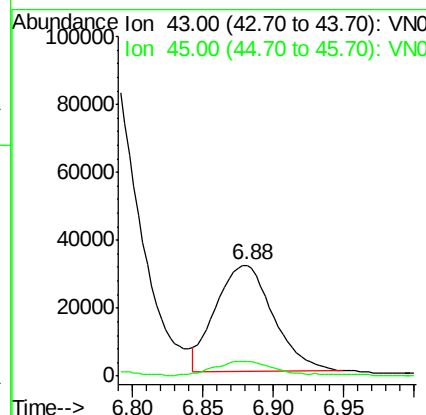
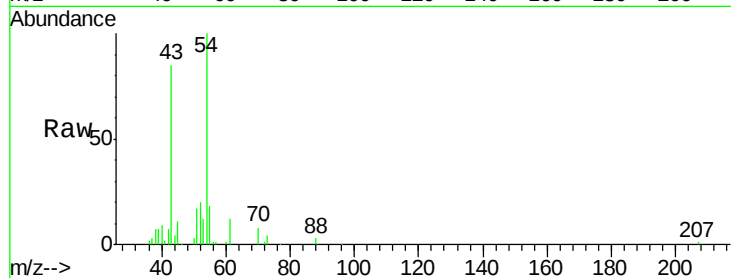
#43
Ethyl Acetate
Concen: 16.618 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 88985
Ion Ratio Lower Upper
43 100
45 7.5 11.3 16.9#

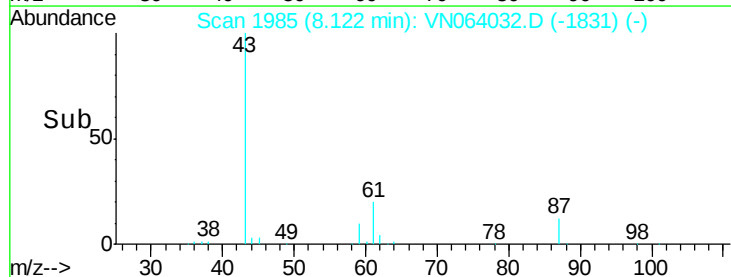
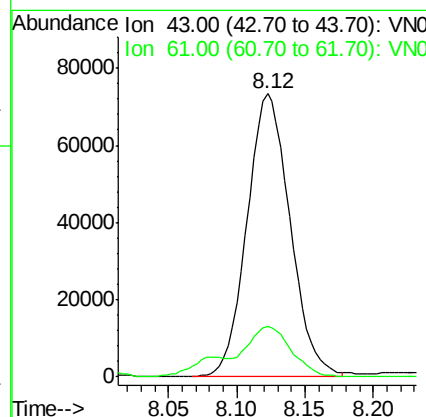
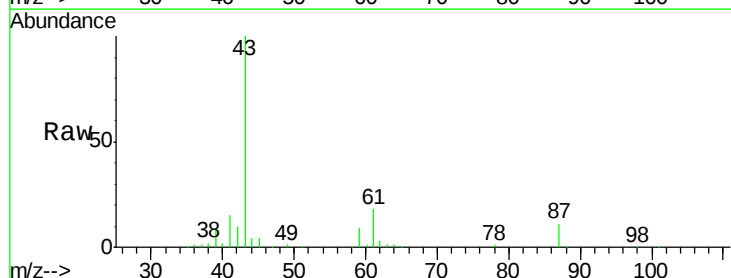
Manual Integrations
APPROVED

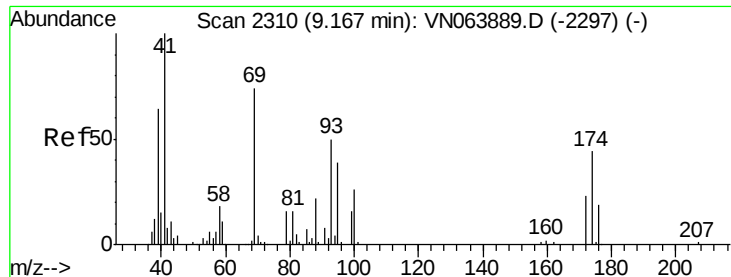
MMDadoda
10/12/2020 2:10:04 PM



#44
Isopropyl Acetate
Concen: 18.178 ug/l
RT: 8.12 min Scan# 1985
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion: 43 Resp: 161315
Ion Ratio Lower Upper
43 100
61 18.3 17.5 26.3





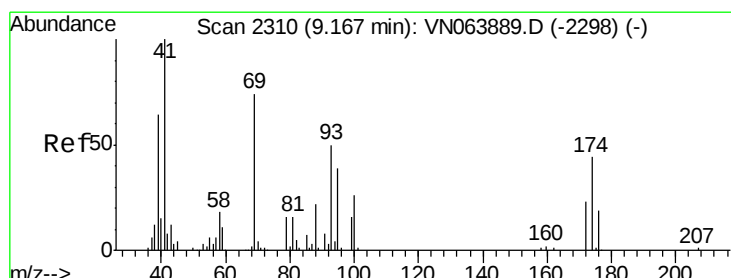
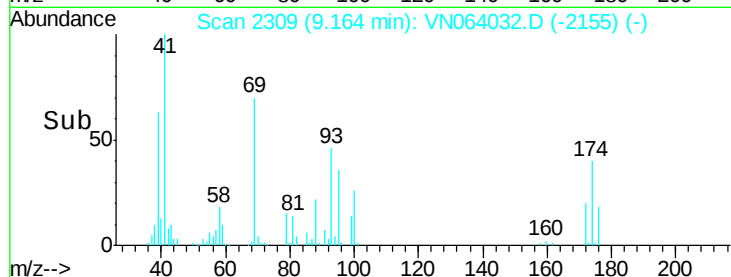
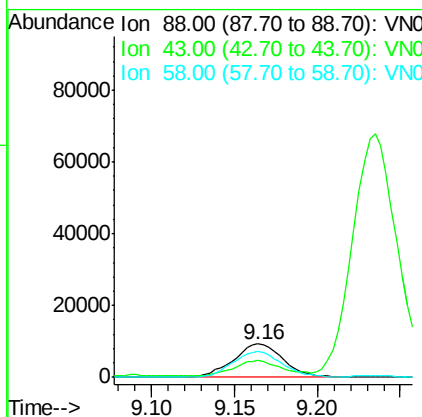
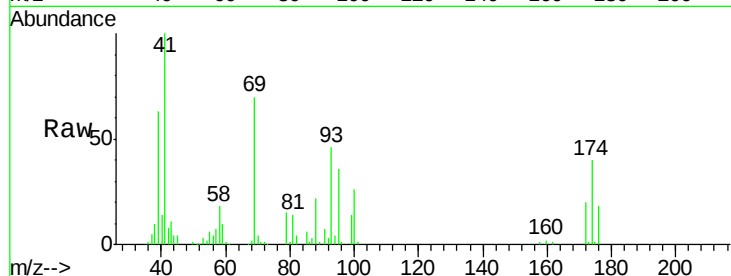
#45
1,4-Dioxane
Concen: 341.009 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
88	100		
43	43.9	28.5	42.7#
58	76.6	59.6	89.4

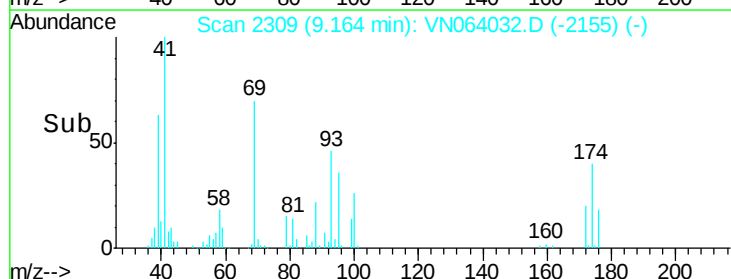
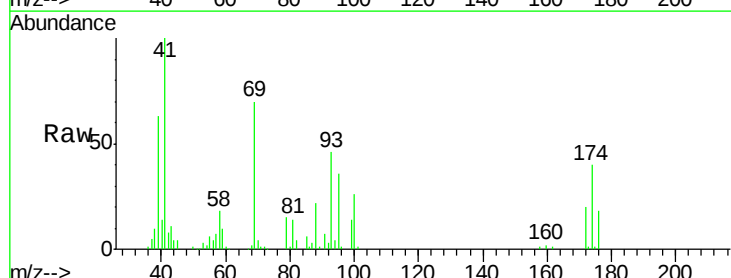
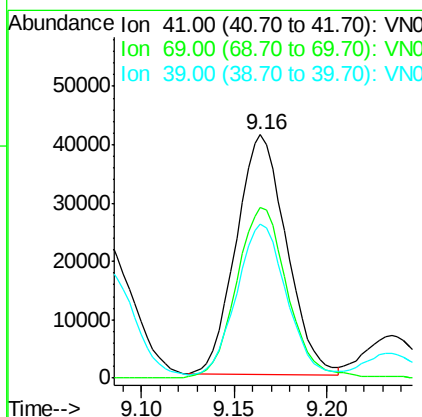
Manual Integrations
APPROVED

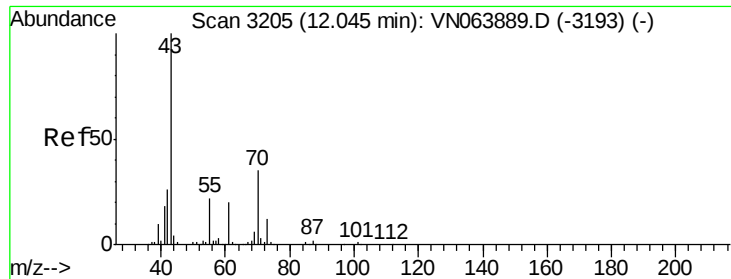
MMDadoda
10/12/2020 2:10:04 PM



#46
Methyl methacrylate
Concen: 17.542 ug/l
RT: 9.16 min Scan# 2309
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
41	100		
69	70.7	42.6	128.0
39	63.1	25.1	75.4





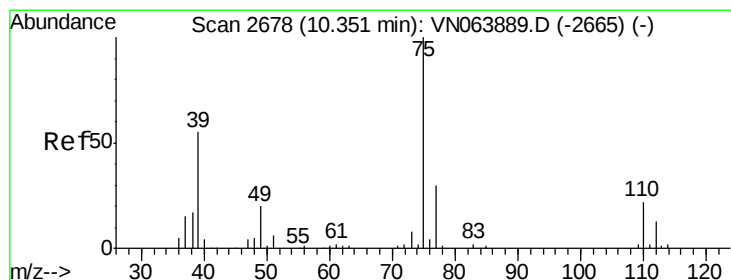
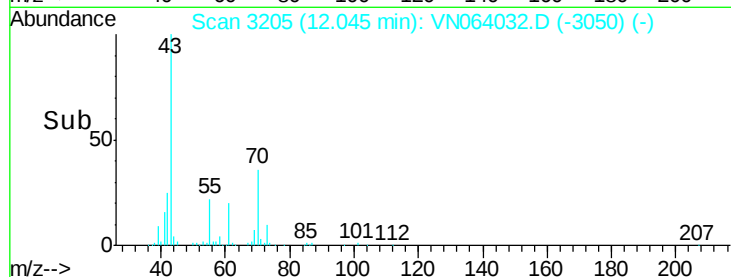
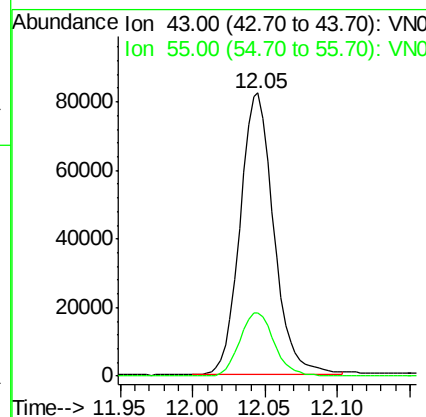
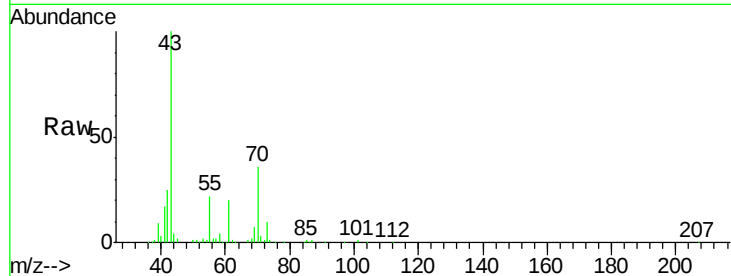
#47
n-amvl Acetate
Concen: 16.884 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 43 Resp: 133220
Ion Ratio Lower Upper
43 100
55 23.0 21.2 31.8

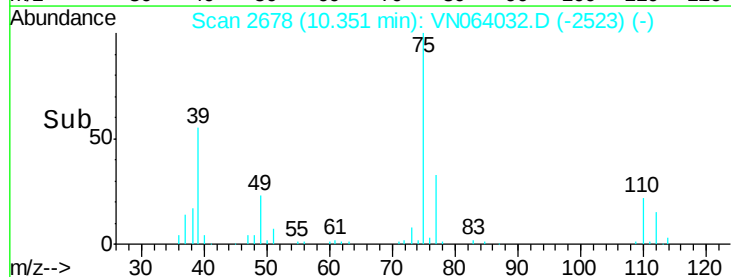
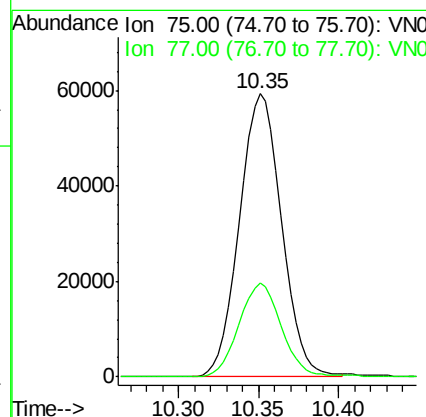
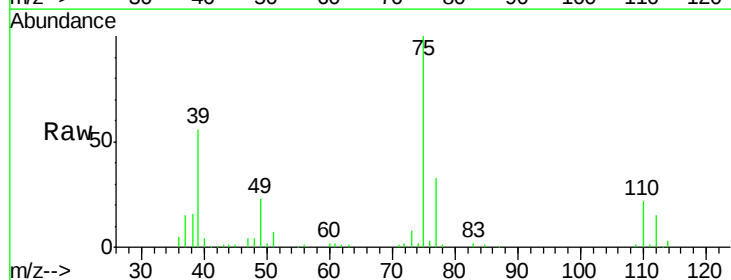
Manual Integrations
APPROVED

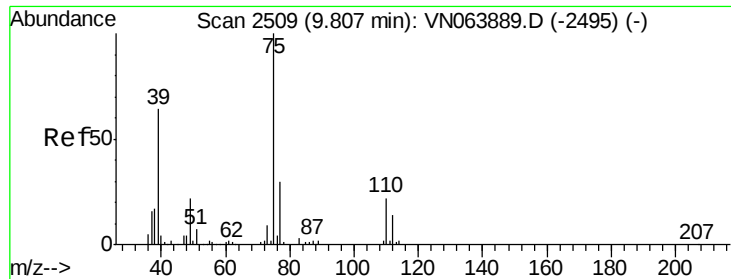
MMDadoda
10/12/2020 2:10:04 PM



#48
t-1,3-Dichloropropene
Concen: 17.272 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion: 75 Resp: 106705
Ion Ratio Lower Upper
75 100
77 33.1 23.8 35.8





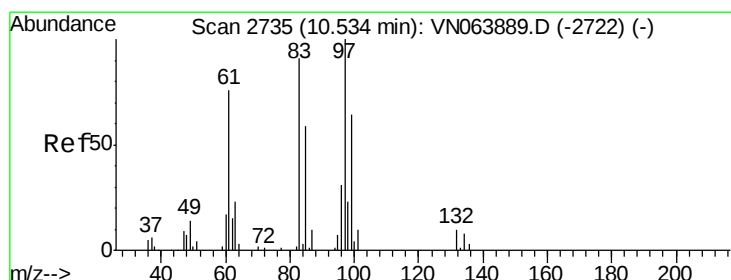
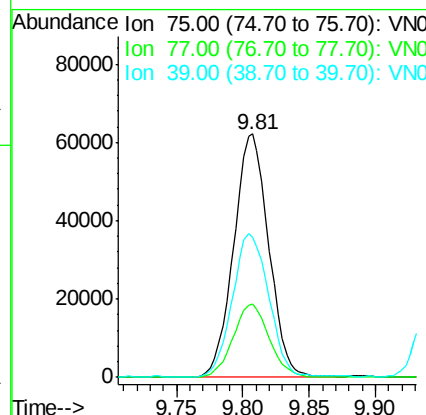
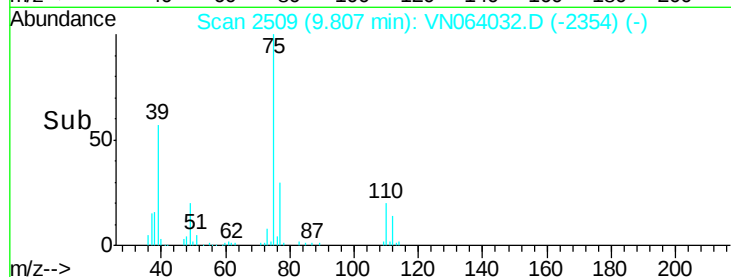
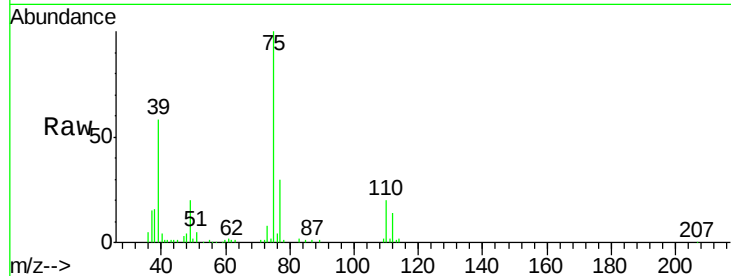
#49
 cis-1,3-Dichloropropene
 Concen: 17.872 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.2	24.8	37.2
39	57.7	34.5	51.7#

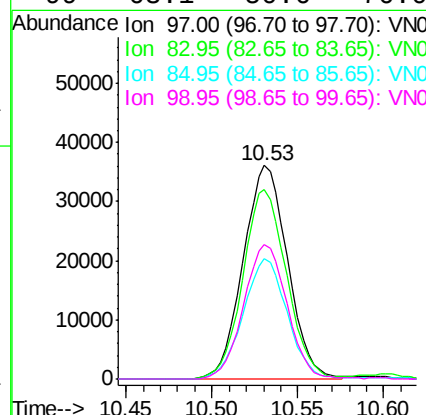
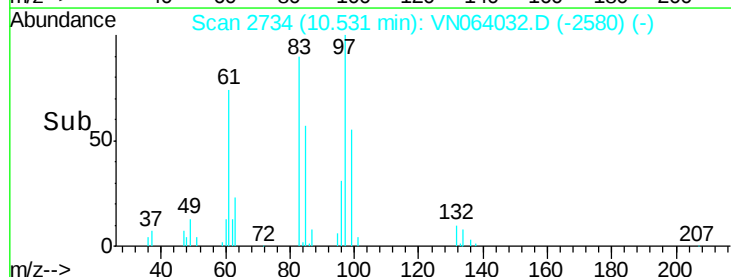
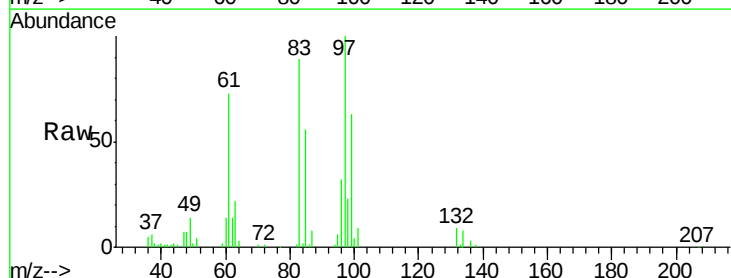
Manual Integrations
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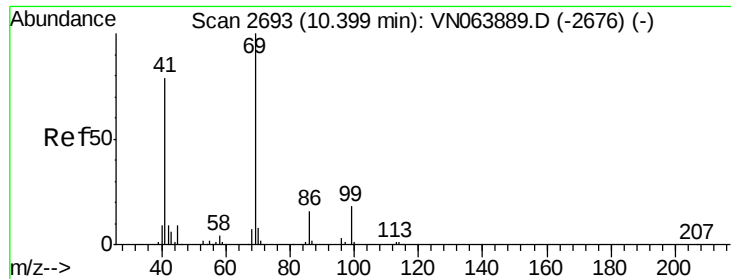
MMDadoda
 10/12/2020 2:10:04 PM



#50
 1,1,2-Trichloroethane
 Concen: 17.611 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.9	69.9	104.9
85	56.2	44.0	66.0
99	63.1	50.6	76.0





#51

Ethyl methacrylate

Concen: 17.010 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

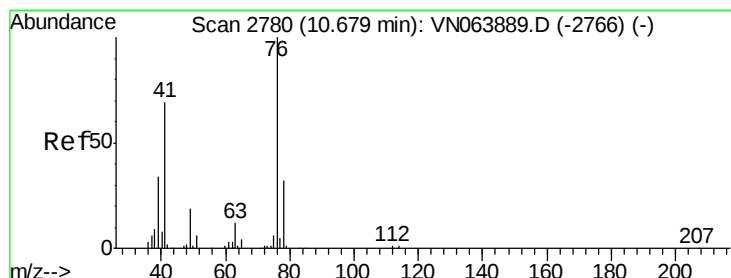
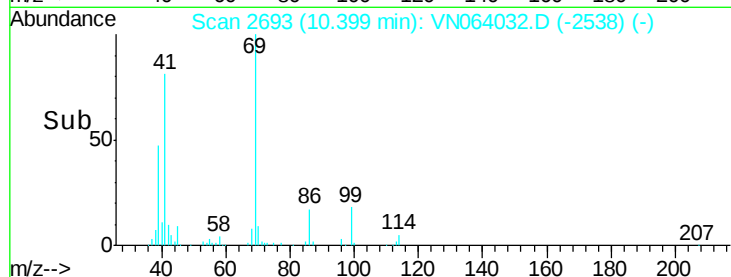
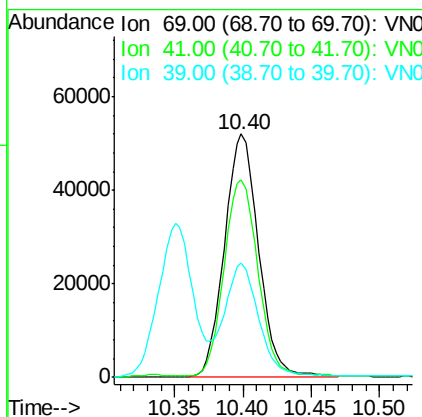
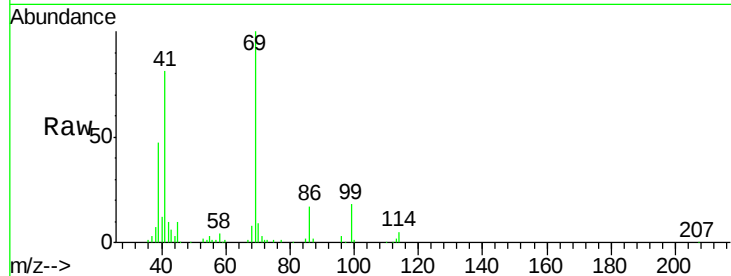
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	90622
Ion Ratio	Lower	Upper	
69	100		
41	80.7	32.1	96.5
39	46.5	16.1	48.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 17.493 ug/l

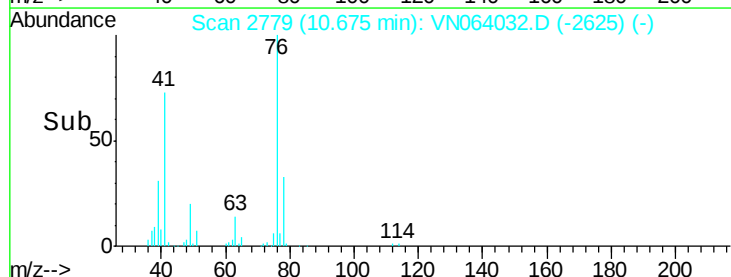
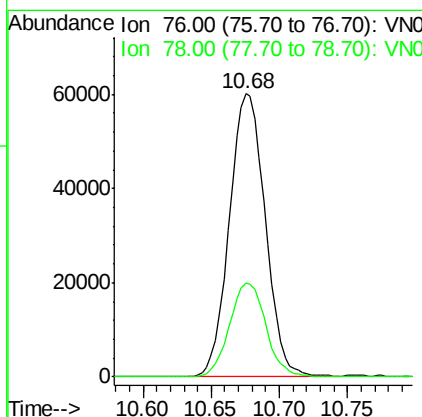
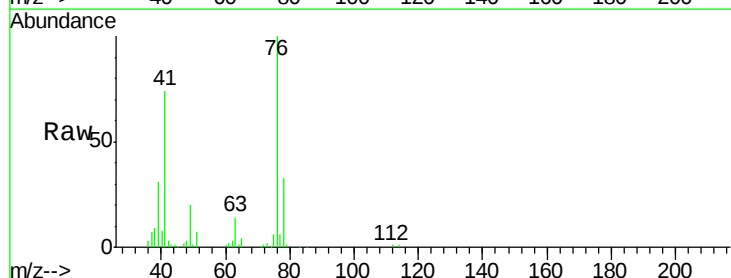
RT: 10.68 min Scan# 2779

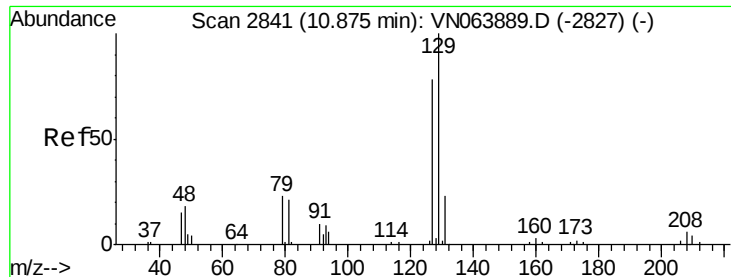
Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Tgt Ion:	76	Resp:	110061
Ion Ratio	Lower	Upper	
76	100		
78	33.6	0.0	63.2





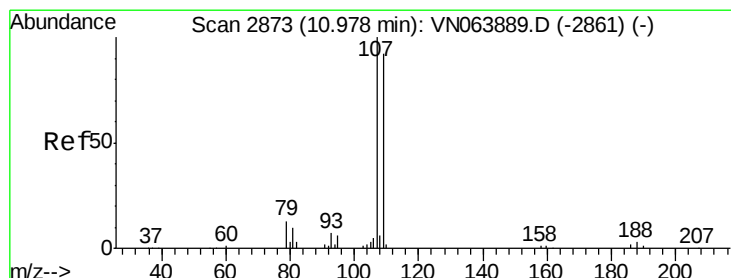
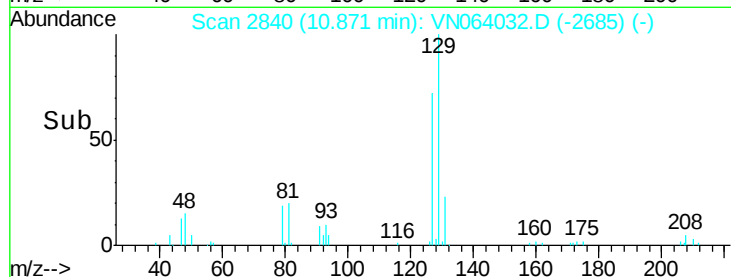
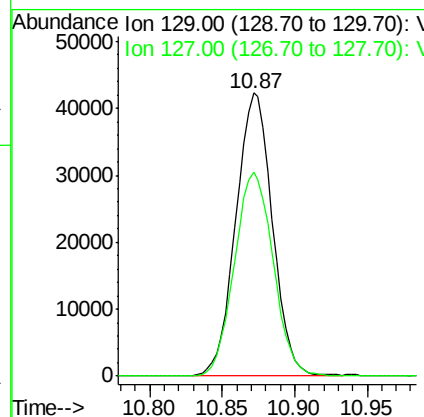
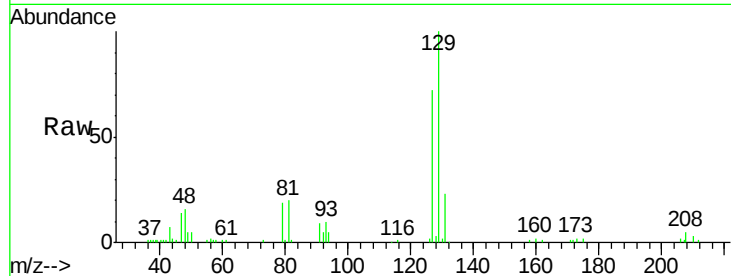
#53
 Dibromochloromethane
 Concen: 17.573 ug/l
 RT: 10.87 min Scan# 2840
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:129 Resp: 74286
 Ion Ratio Lower Upper
 129 100
 127 76.3 38.7 116.1

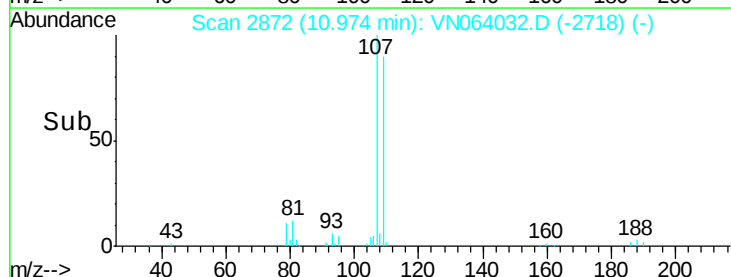
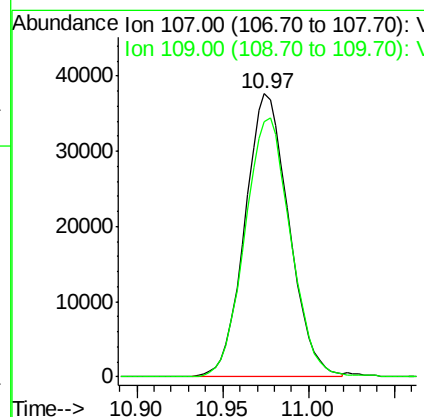
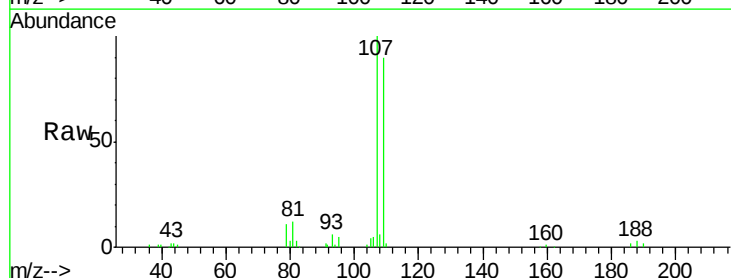
Manual Integrations
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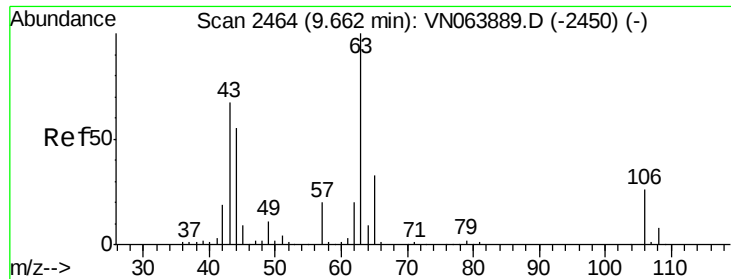
MMDadoda
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#54
 1,2-Dibromoethane
 Concen: 17.334 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion:107 Resp: 66755
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.3 114.5





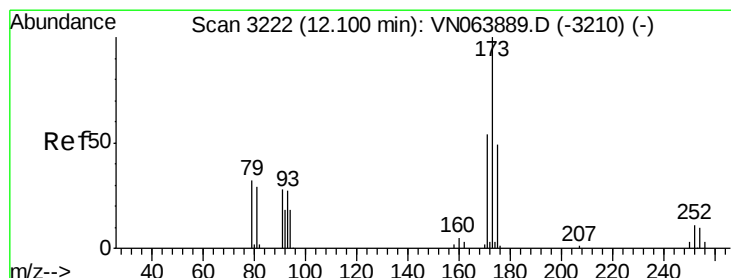
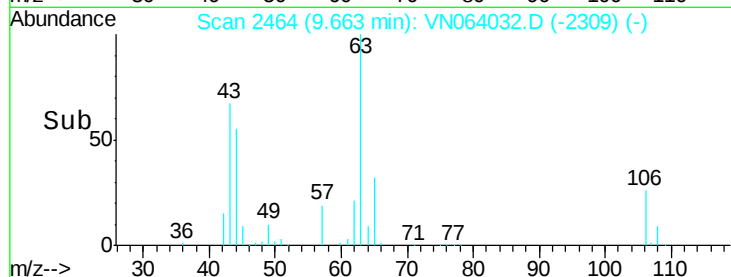
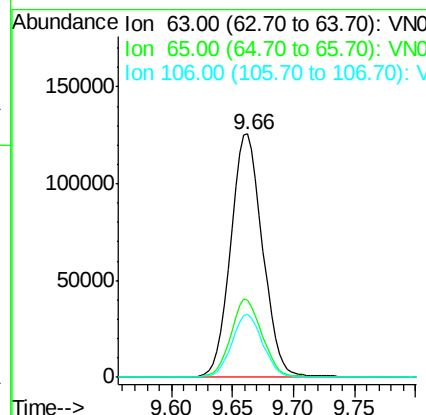
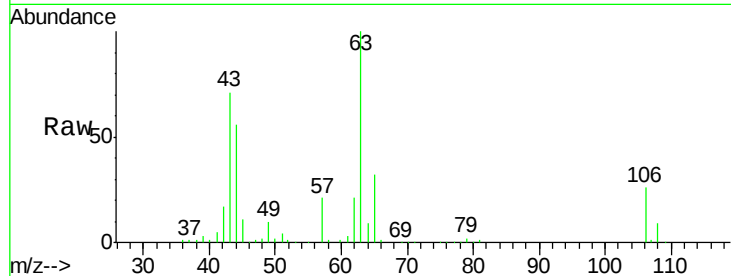
#55
2-Chloroethyl vinyl ether
Concen: 80.931 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	63	Resp	230088
Ion Ratio	Lower	Upper	
63	100		
65	31.6	25.9	38.9
106	25.2	19.9	29.9

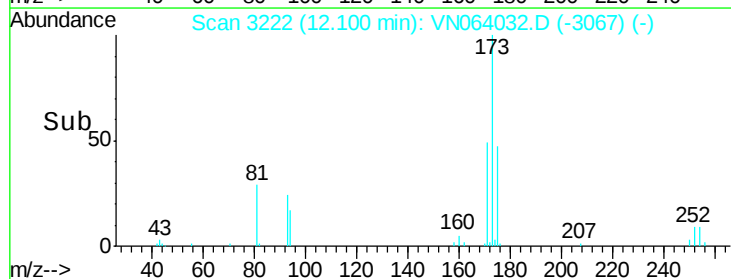
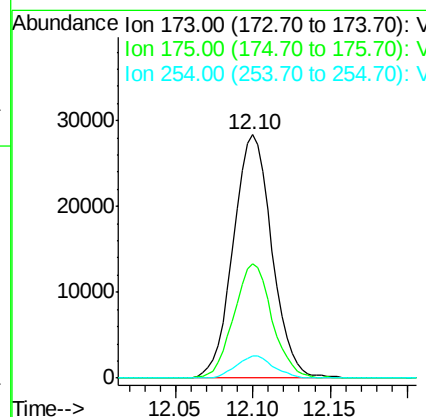
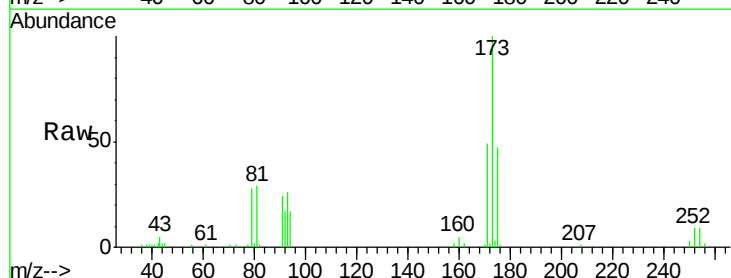
Manual Integrations
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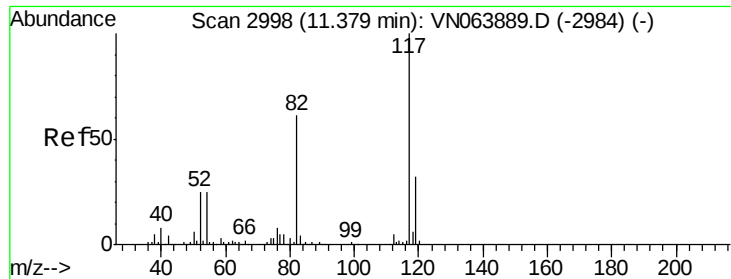
MMDadoda
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#56
Bromoform
Concen: 16.782 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	173	Resp	49161
Ion Ratio	Lower	Upper	
173	100		
175	46.4	41.2	61.8
254	8.7	9.0	13.4#





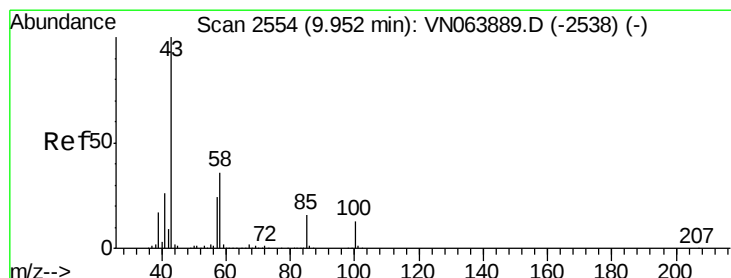
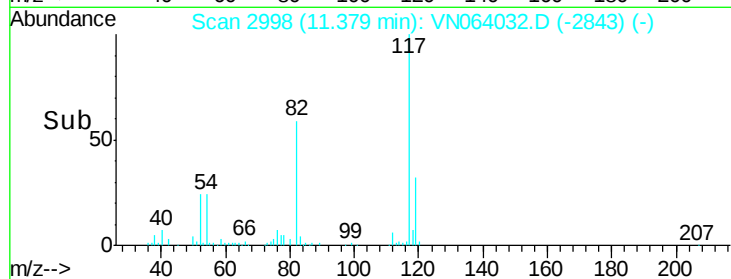
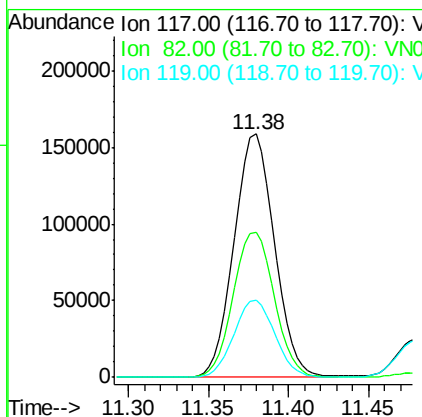
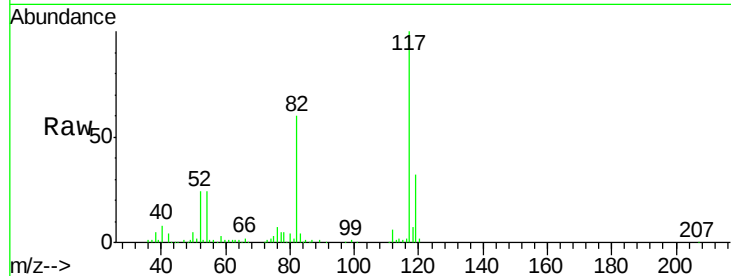
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
117	100	273982		
82	60.6	44.9	67.3	
119	32.1	26.0	39.0	

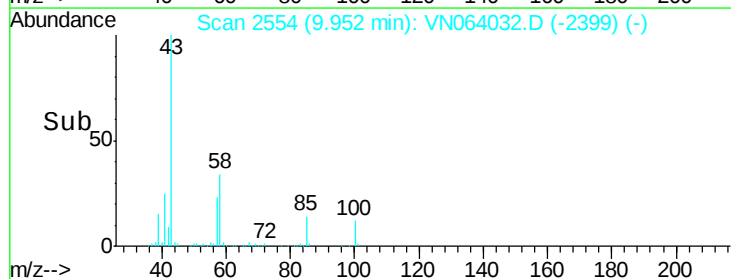
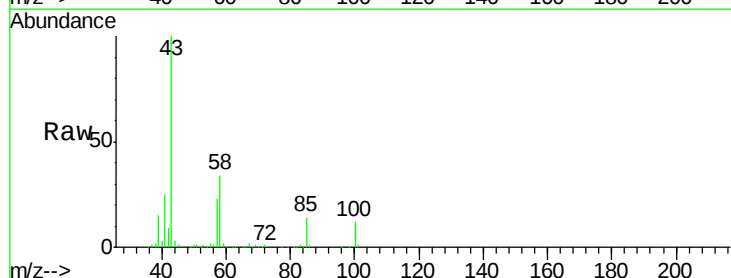
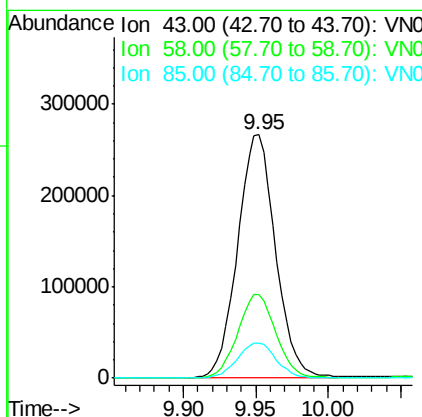
Manual Integrations
APPROVED

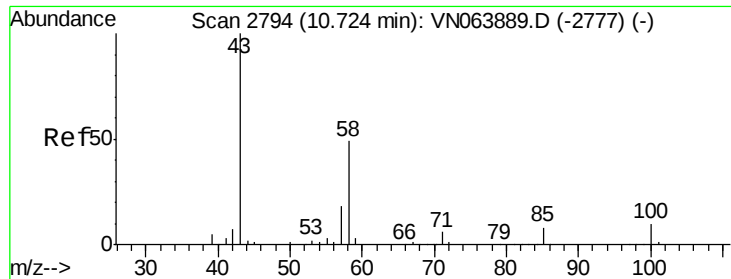
MMDadoda
10/12/2020 2:10:04 PM



#58
4-Methyl-2-Pentanone
Concen: 90.895 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	483315		
58	34.8	31.4	47.0	
85	14.8	13.4	20.2	





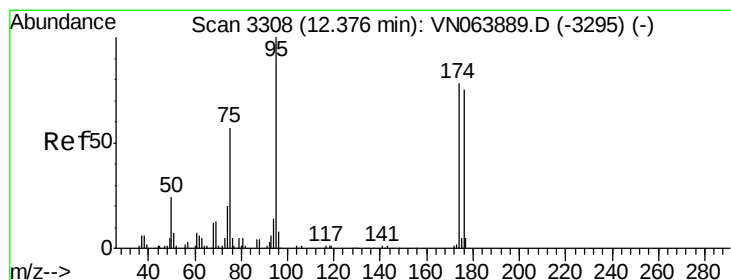
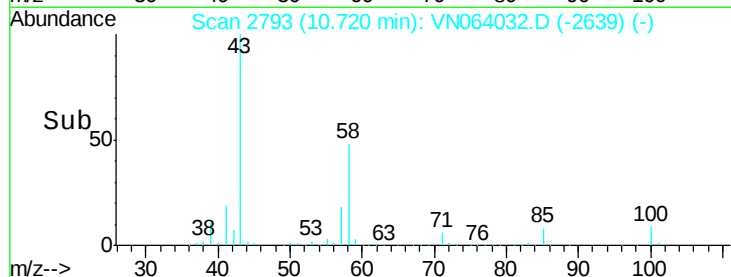
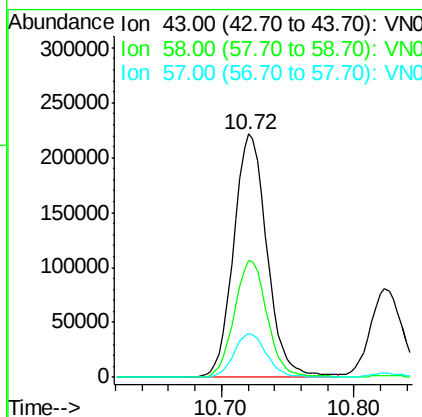
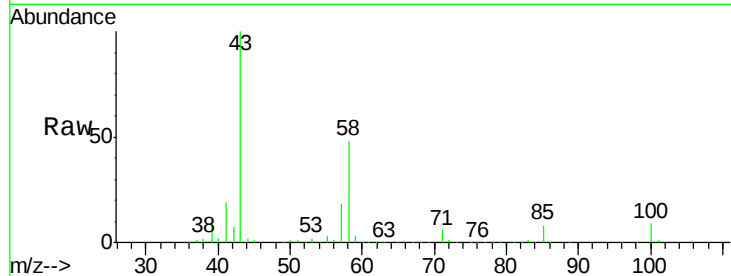
#59
2-Hexanone
Concen: 96.960 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	48.1	42.6	64.0
57	18.0	14.6	21.8

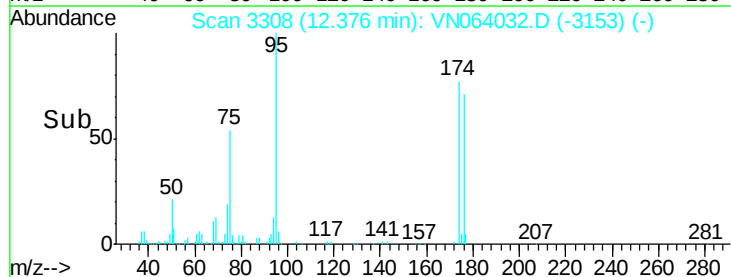
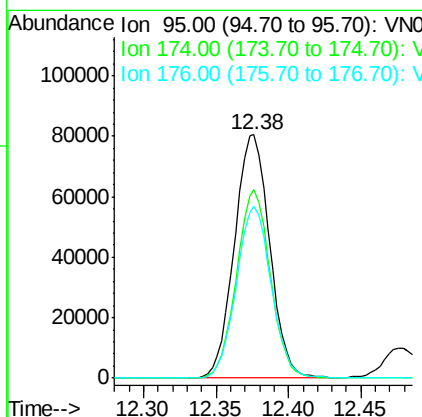
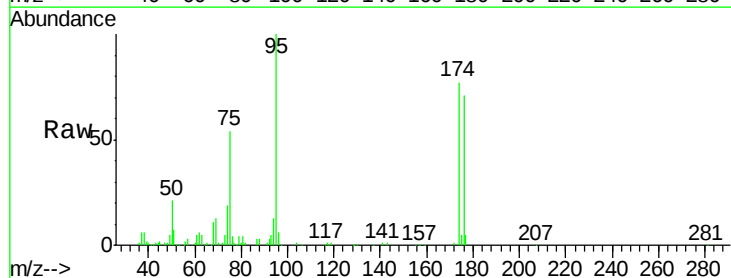
Manual Integrations
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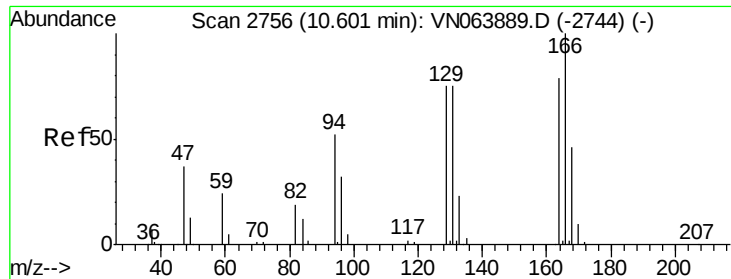
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 29.085 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
95	100		
174	74.5	70.1	105.1
176	69.9	66.8	100.2





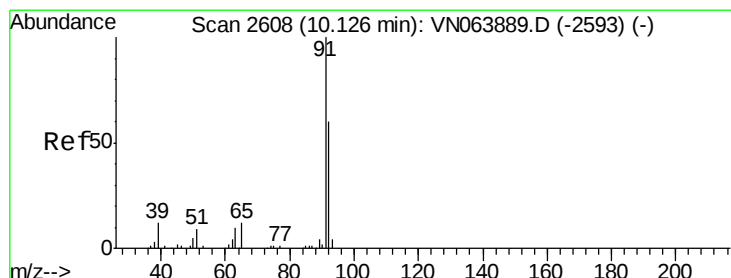
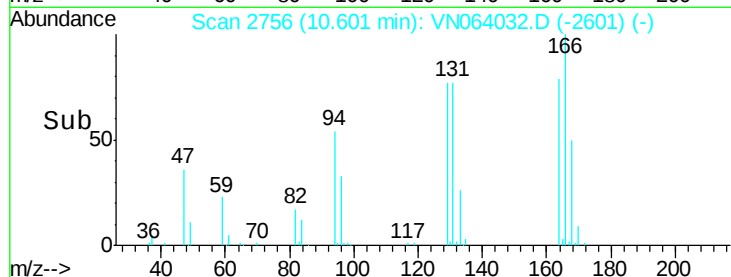
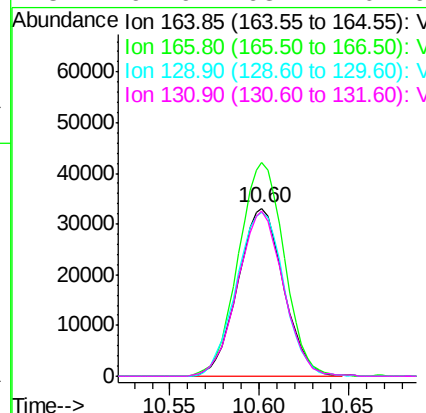
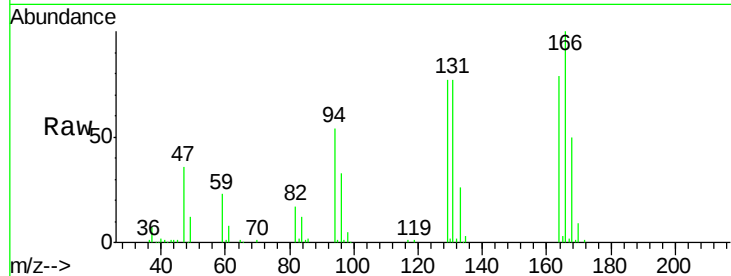
#61
 Tetrachloroethene
 Concen: 16.982 ug/l
 RT: 10.60 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:	164	Resp:	59028
Ion	Ratio	Lower	Upper
164	100		
166	126.5	100.1	150.1
129	97.8	72.5	108.7
131	97.9	68.4	102.6

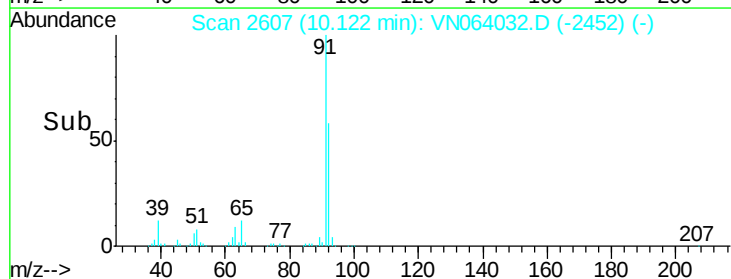
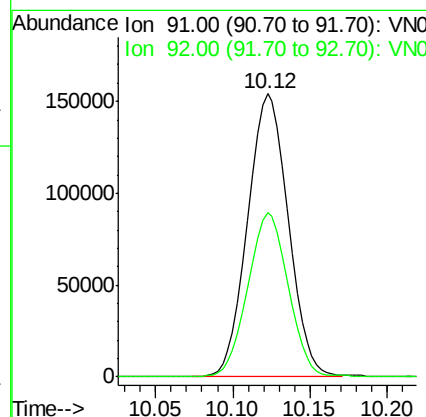
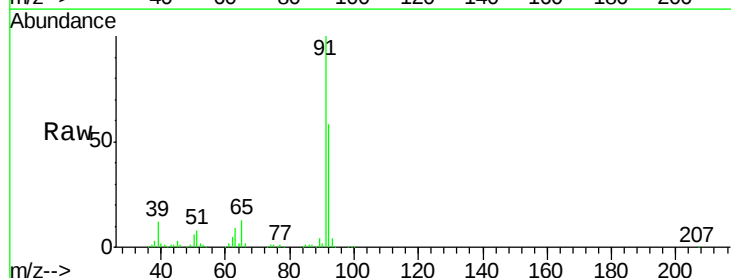
Manual Integrations
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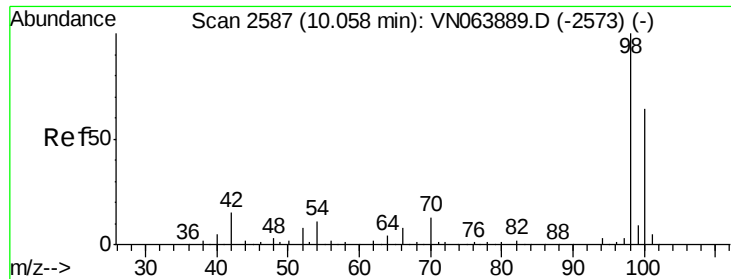
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#62
 Toluene
 Concen: 17.944 ug/l
 RT: 10.12 min Scan# 2607
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion:	91	Resp:	282353
Ion	Ratio	Lower	Upper
91	100		
92	57.9	45.5	68.3





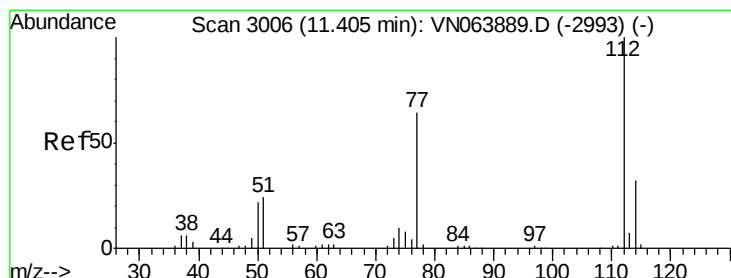
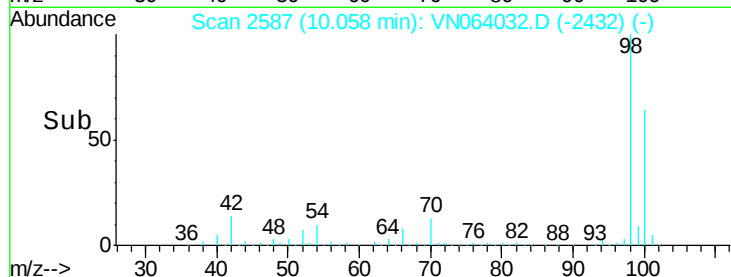
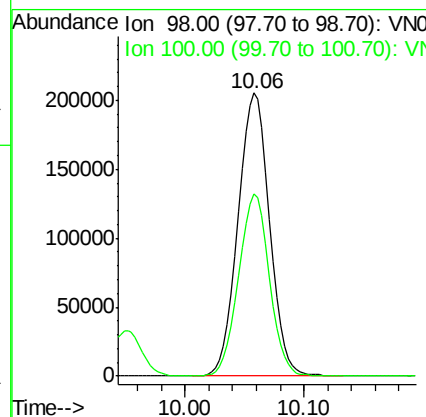
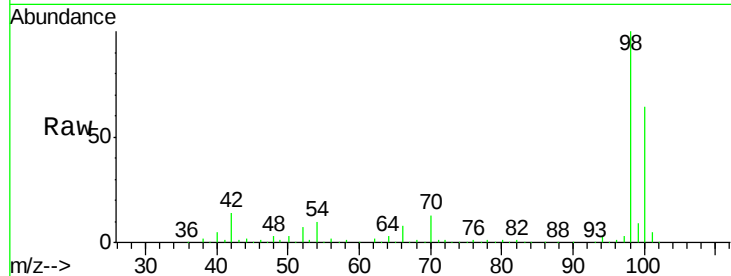
#63
Toluene-d8
Concen: 30.374 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 377144
Ion Ratio Lower Upper
98 100
100 62.5 51.4 77.2

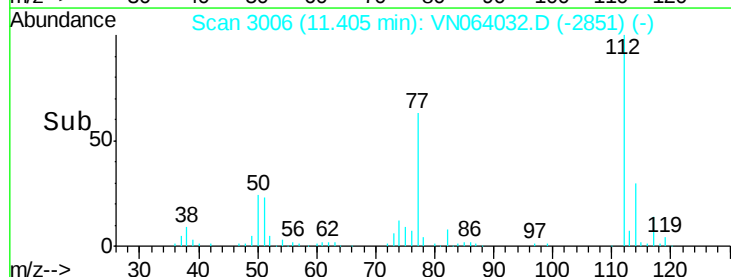
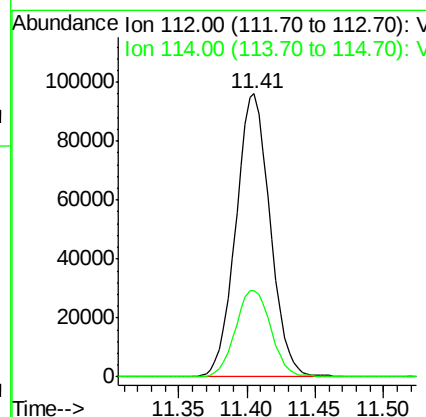
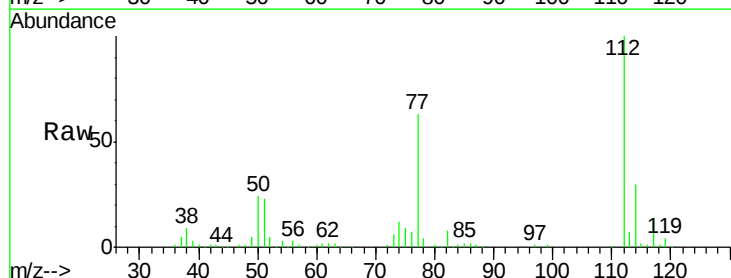
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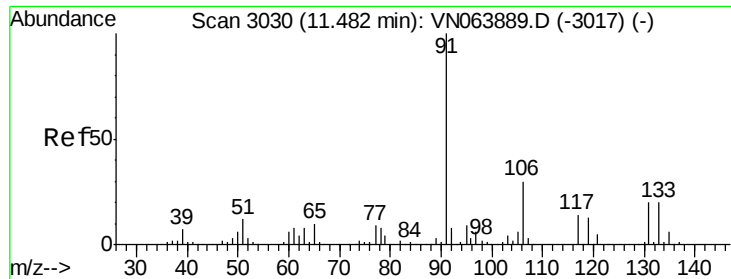
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#64
Chlorobenzene
Concen: 17.569 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion: 112 Resp: 167558
Ion Ratio Lower Upper
112 100
114 30.5 25.1 37.7





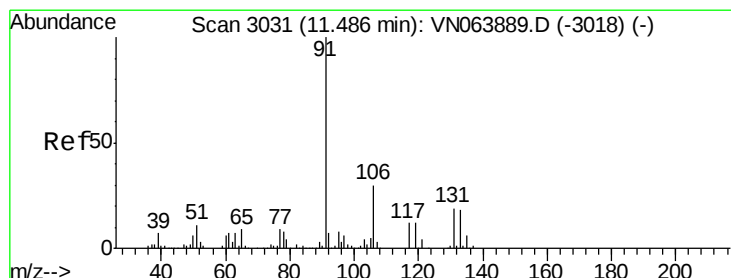
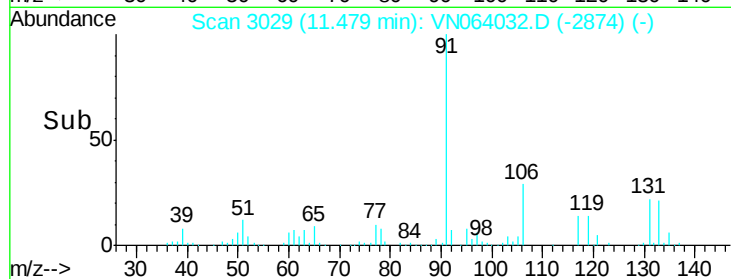
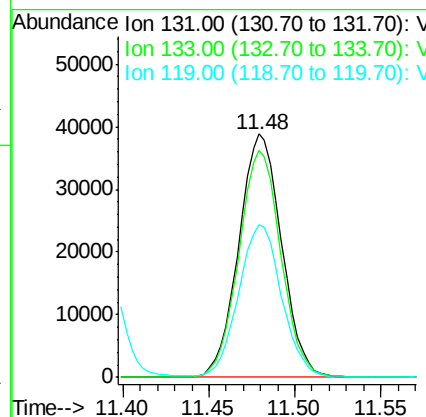
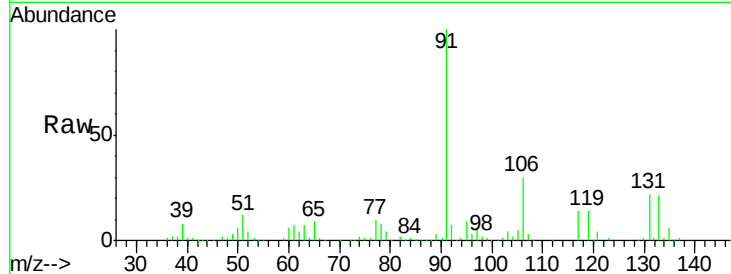
#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.964 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion:131 Resp: 67010
 Ion Ratio Lower Upper
 131 100
 133 91.9 0.0 191.2
 119 62.9 0.0 134.2

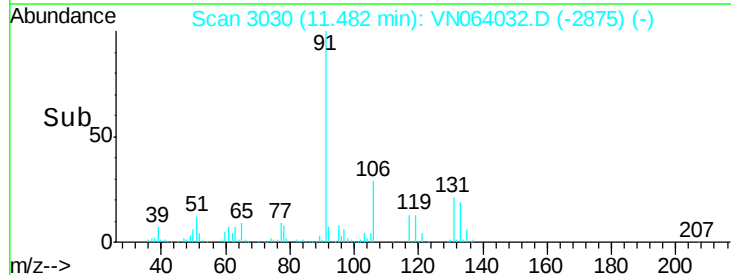
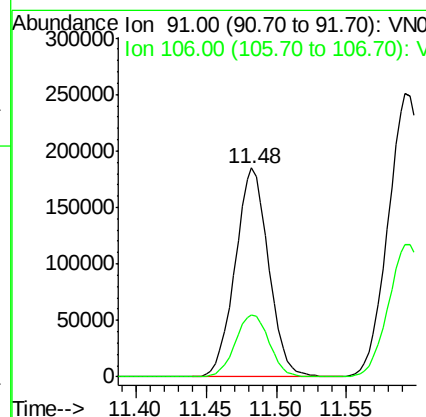
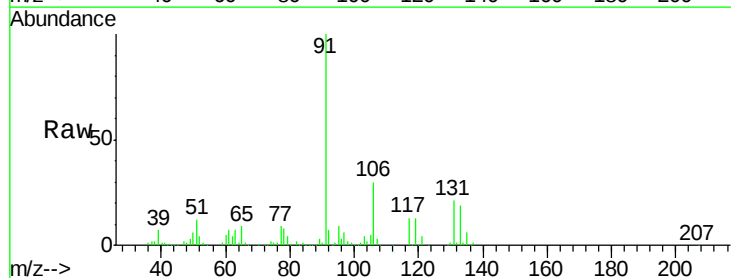
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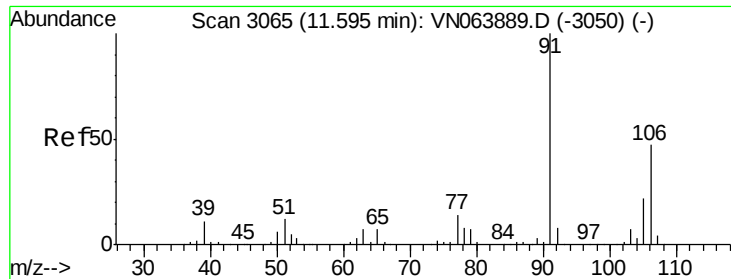
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#66
 Ethyl Benzene
 Concen: 17.763 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion: 91 Resp: 306937
 Ion Ratio Lower Upper
 91 100
 106 29.8 25.0 37.4





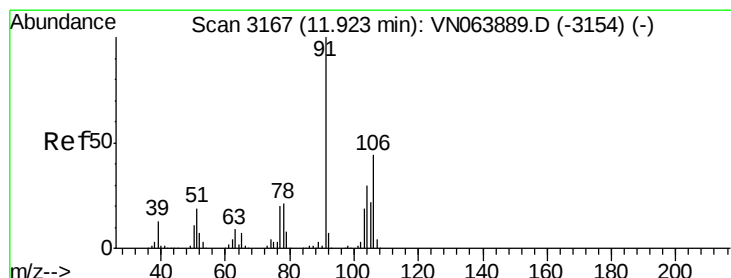
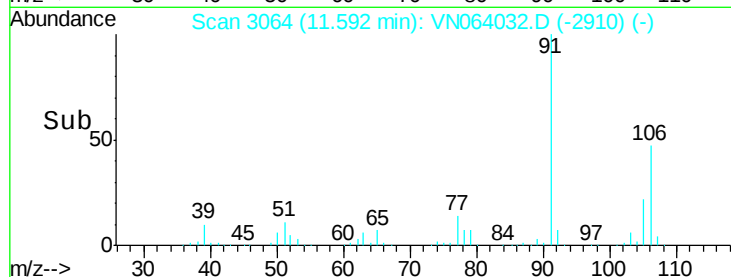
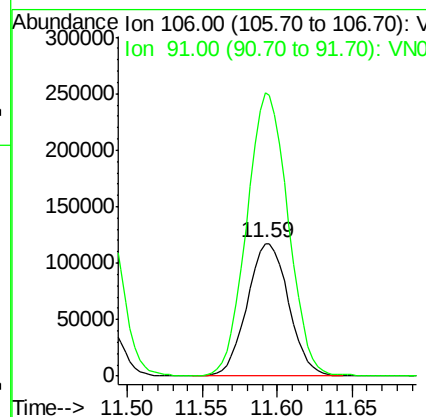
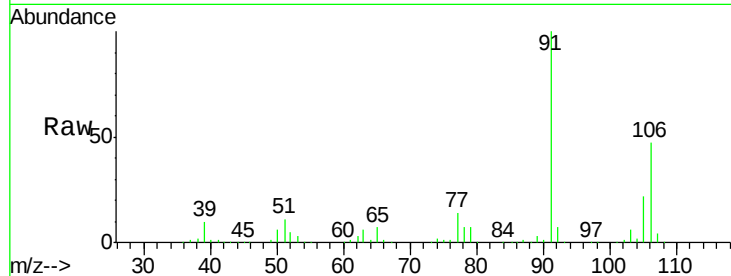
#67
m/p-Xylenes
Concen: 35.175 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 226030
Ion Ratio Lower Upper
106 100
91 212.4 164.9 247.3

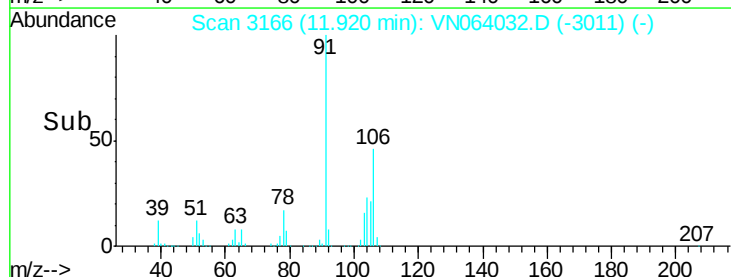
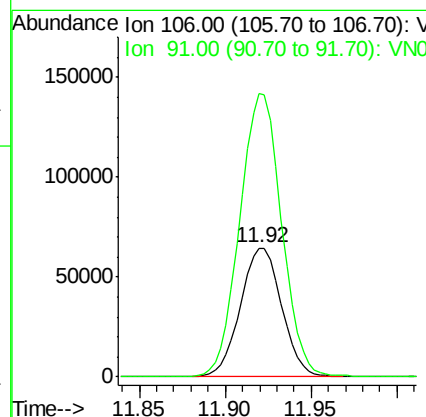
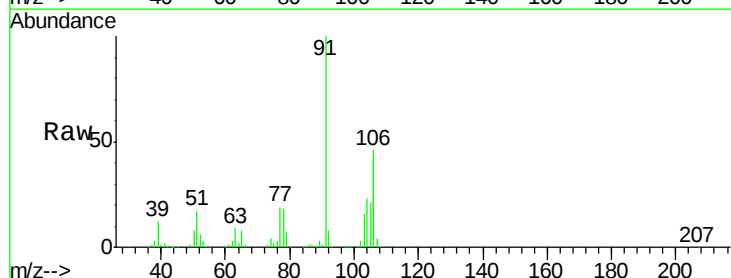
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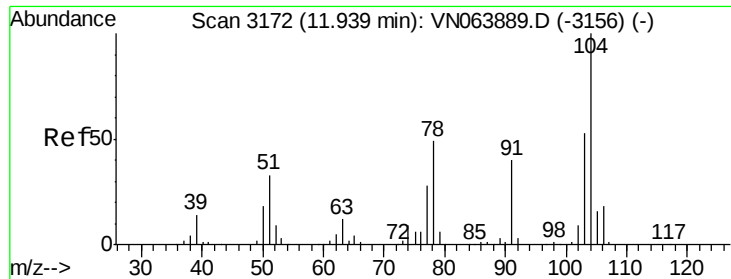
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#68
o-Xylene
Concen: 17.580 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion:106 Resp: 107629
Ion Ratio Lower Upper
106 100
91 222.5 108.0 324.0





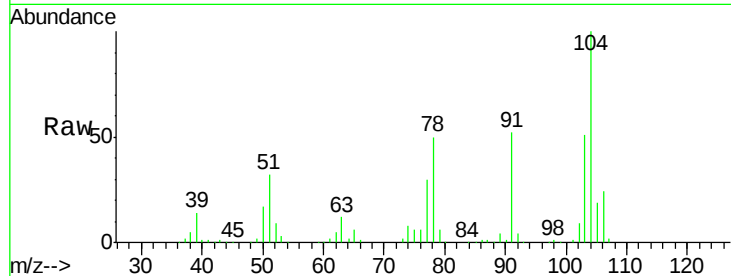
#69
Stvrene
Concen: 17.308 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

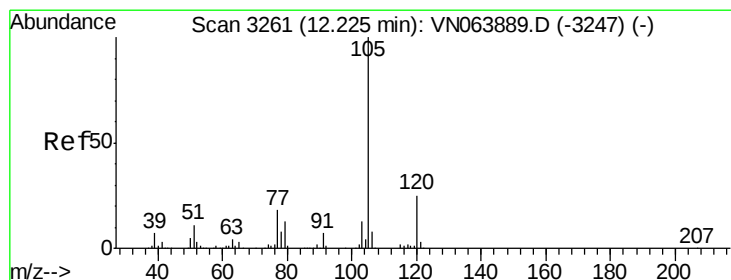
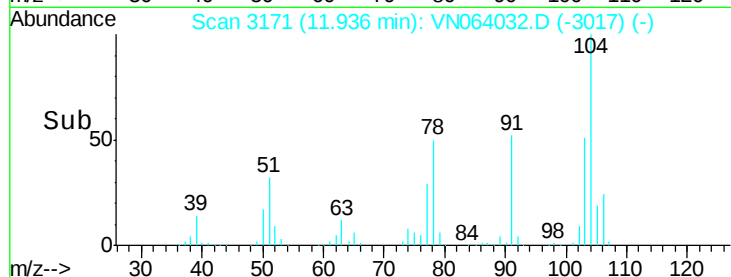
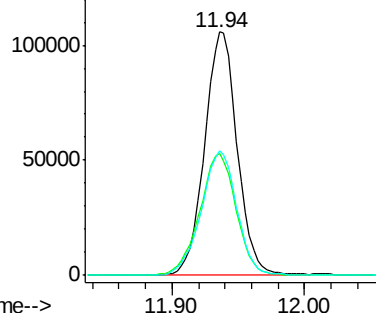
Tot Ion	Ratio	Lower	Upper
104	100		
78	55.9	39.6	59.4
103	55.9	44.4	66.6

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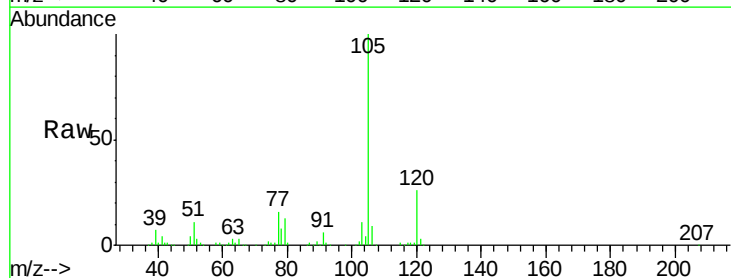


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

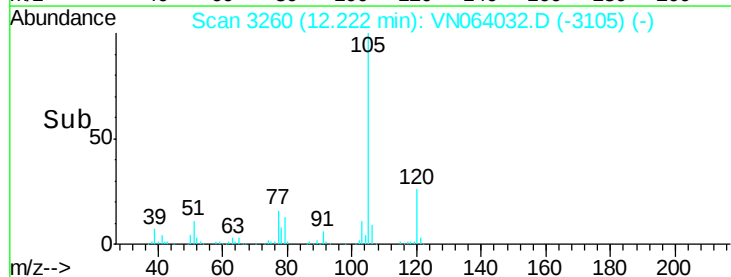
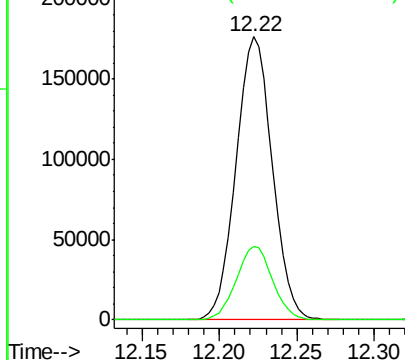


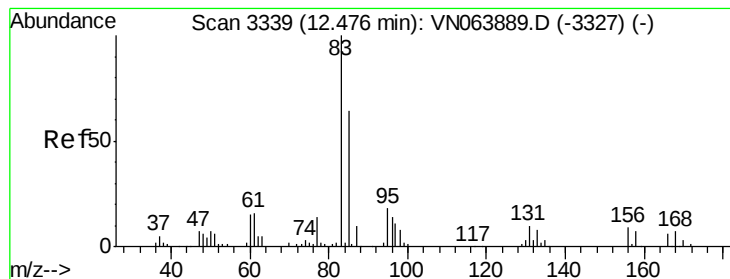
#70
Isopropylbenzene
Concen: 17.655 ug/l
RT: 12.22 min Scan# 3260
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.0	18.5	34.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 17.498 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 89980

Ion Ratio Lower Upper

83 100

131 9.9 4.5 13.7

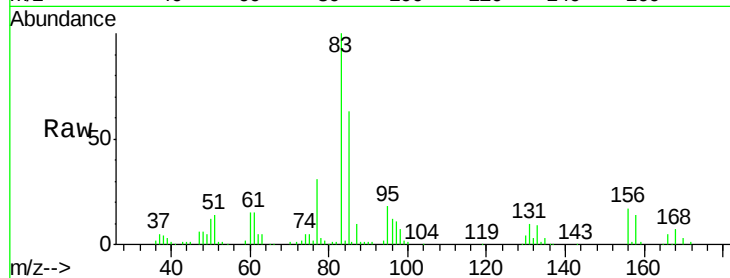
85 64.6 31.8 95.3

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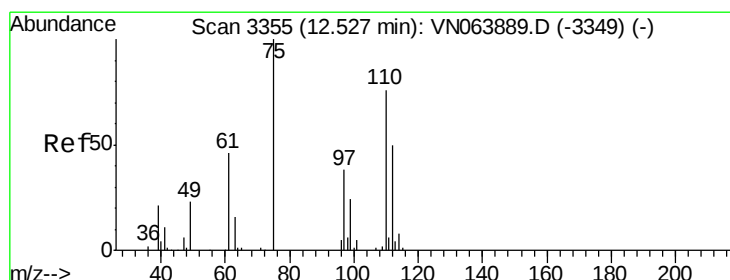
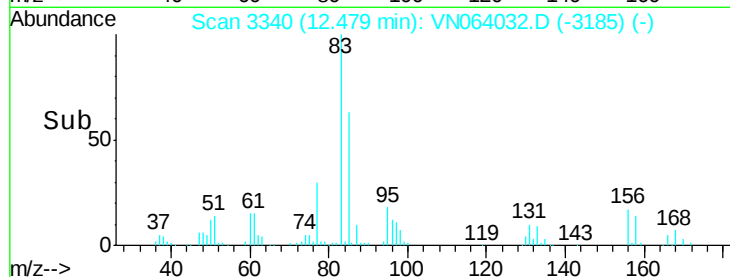


Abundance Ion 83.00 (82.70 to 83.70): VN064032.D (-3340) (-)

Ion 131.00 (130.70 to 131.70): VN064032.D (-3340) (-)

Ion 85.00 (84.70 to 85.70): VN064032.D (-3340) (-)

Time-->



#72

1,2,3-Trichloropropane

Concen: 16.950 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN064032.D

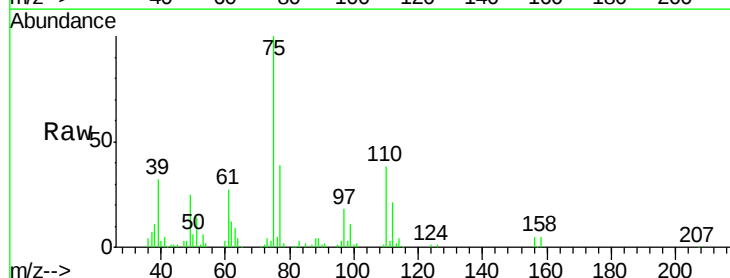
Acq: 9 Oct 2020 12:14

Tgt Ion: 75 Resp: 88879

Ion Ratio Lower Upper

75 100

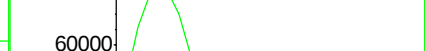
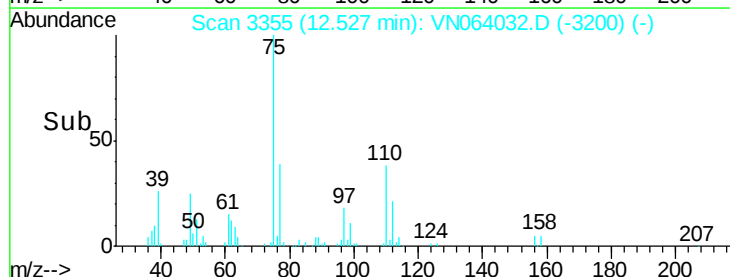
77 176.9 0.0 387.8

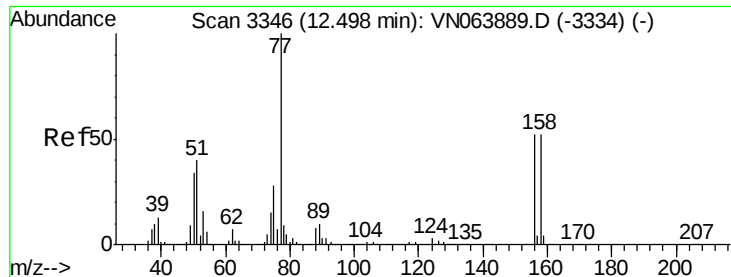


Abundance Ion 75.00 (74.70 to 75.70): VN064032.D (-3355) (-)

Ion 77.00 (76.70 to 77.70): VN064032.D (-3355) (-)

Time-->





#73

Bromobenzene

Concen: 17.005 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

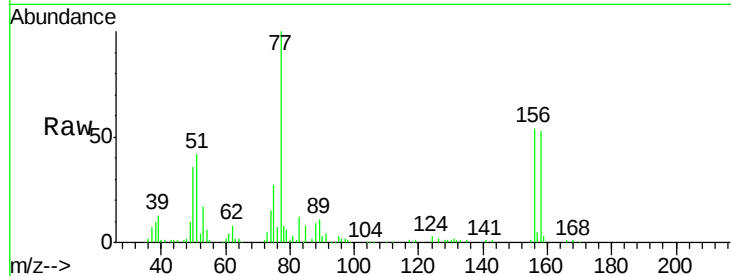
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	70114
Ion	Ratio	Lower	Upper
156	100		
77	224.3	0.0	398.6
158	96.3	0.0	195.4

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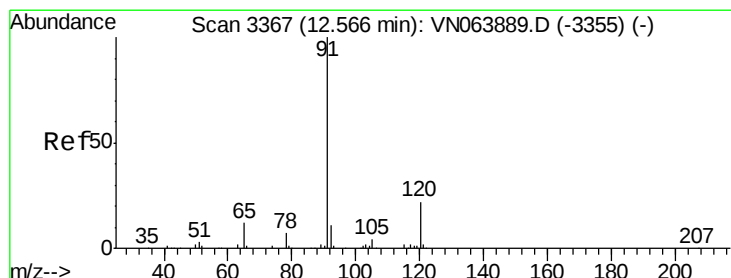
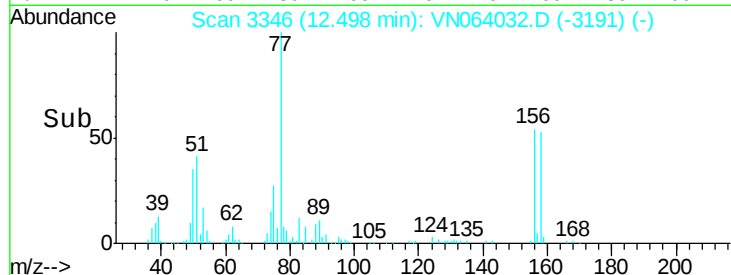
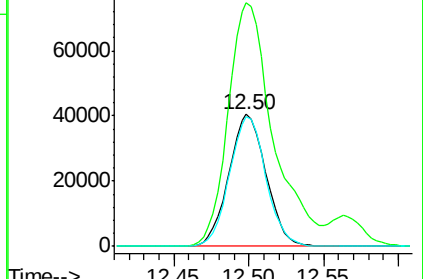
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.516 ug/l

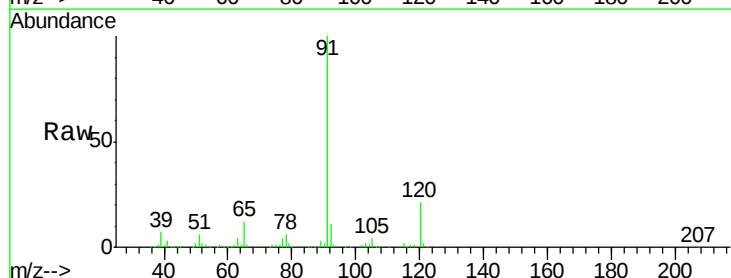
RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN064032.D

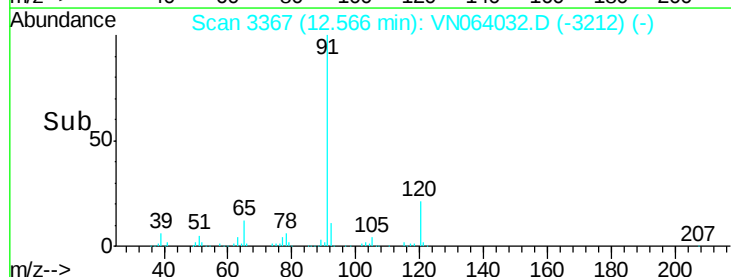
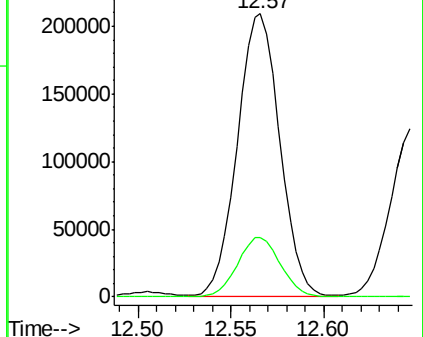
Acq: 9 Oct 2020 12:14

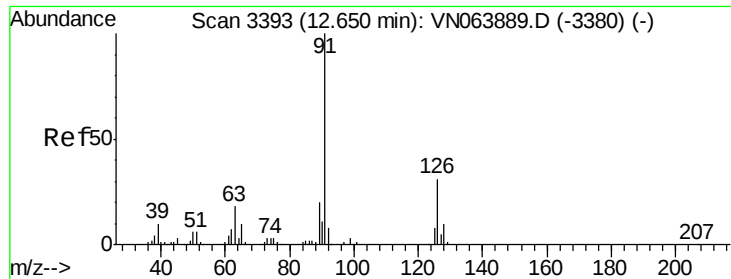
Tgt Ion:	91	Resp:	333111
Ion	Ratio	Lower	Upper
91	100		
120	21.2	0.0	44.0



Abundance Ion 91.00 (90.70 to 91.70): VN

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.712 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 205460

Ion Ratio Lower Upper

91 100

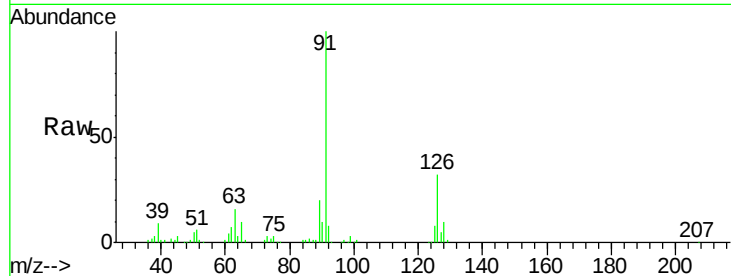
126 31.8 0.0 68.0

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Abundance Ion 91.00 (90.70 to 91.70): VN064032.D (-3238) (-)

Ion 126.00 (125.70 to 126.70): VN064032.D (-3238) (-)

150000

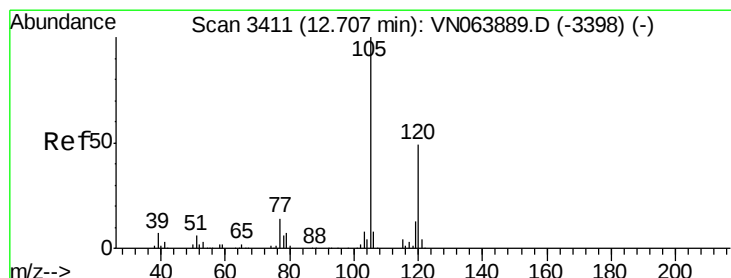
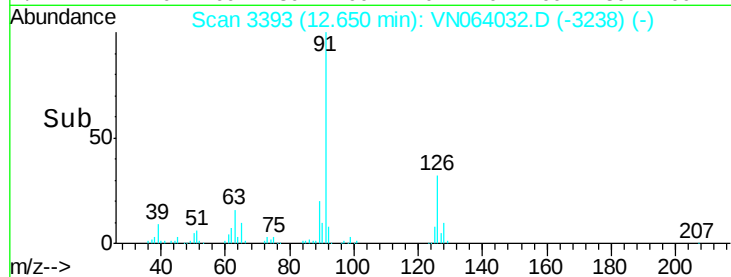
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.608 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN064032.D

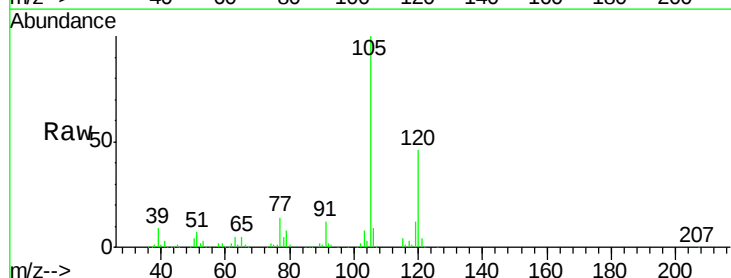
Acq: 9 Oct 2020 12:14

Tgt Ion: 105 Resp: 241550

Ion Ratio Lower Upper

105 100

120 46.2 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN064032.D (-3256) (-)

Ion 120.00 (119.70 to 120.70): VN064032.D (-3256) (-)

150000

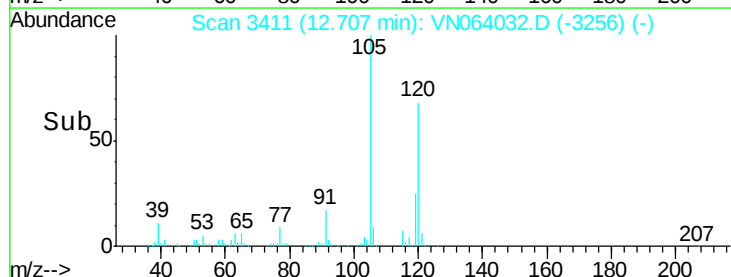
100000

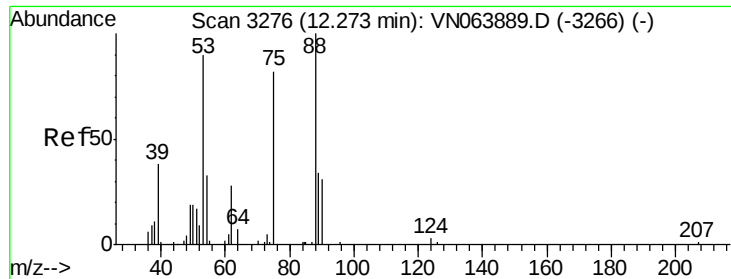
50000

0

12.65 12.70 12.75

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 17.270 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Instrument :

MSVOA_N

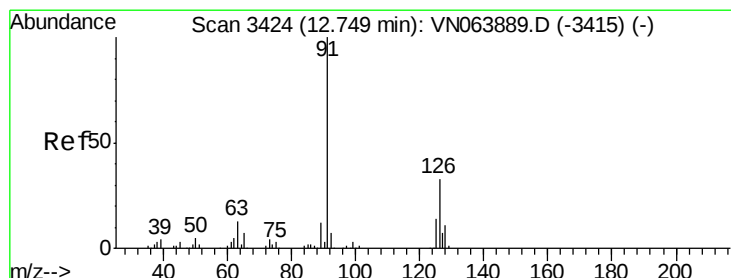
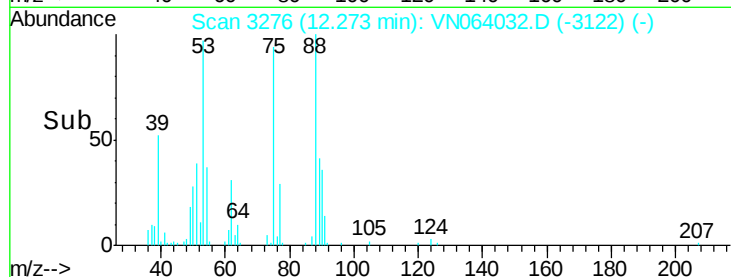
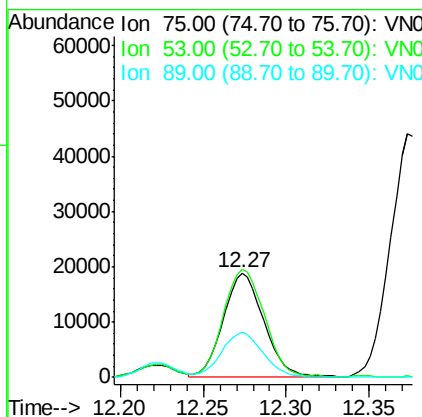
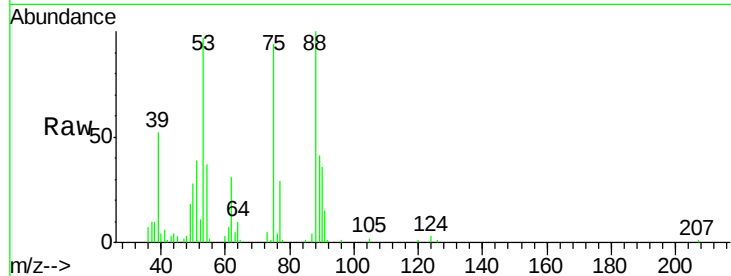
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	32209
Ion	Ratio	Lower	Upper
75	100		
53	103.7	47.0	141.0
89	43.3	22.9	68.7

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#78

4-Chlorotoluene

Concen: 17.478 ug/l

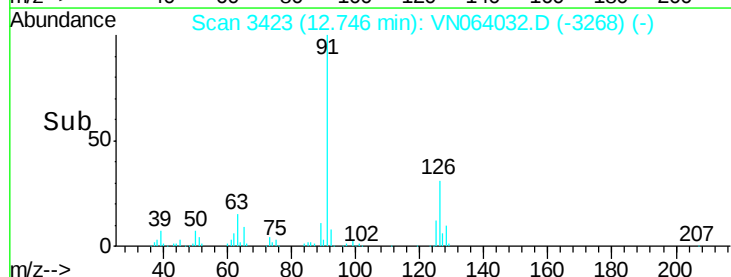
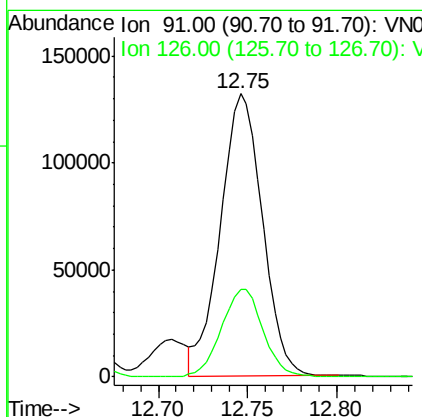
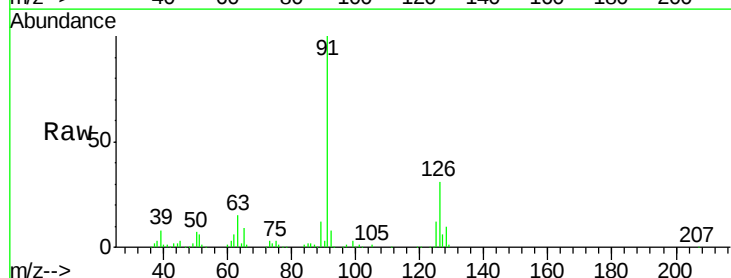
RT: 12.75 min Scan# 3423

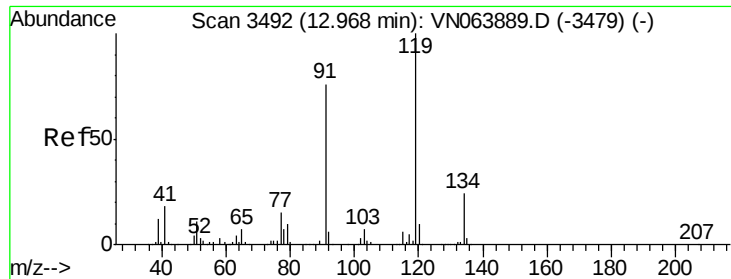
Delta R.T. -0.00 min

Lab File: VN064032.D

Acq: 9 Oct 2020 12:14

Tgt Ion:	91	Resp:	214694
Ion	Ratio	Lower	Upper
91	100		
126	31.1	0.0	65.0





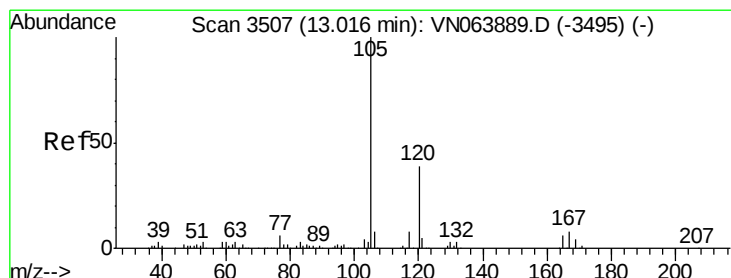
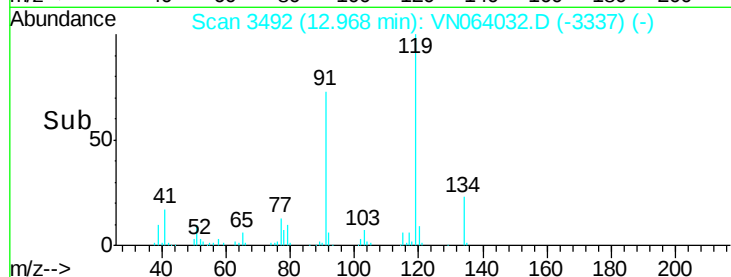
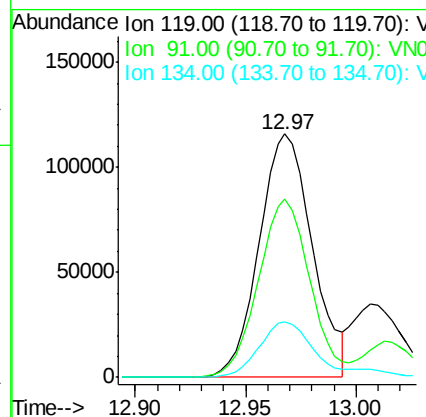
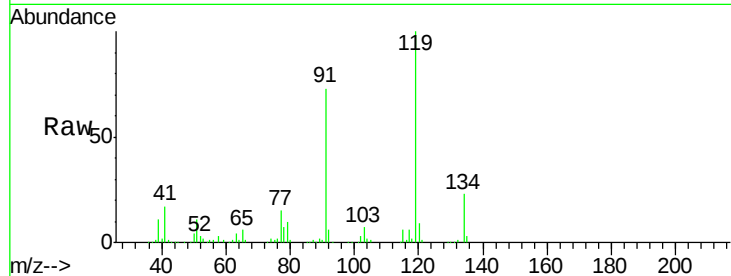
#79
tert-butylbenzene
Concen: 17.592 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	193337		
91	70.9	0.0	136.8	
134	22.9	0.0	48.8	

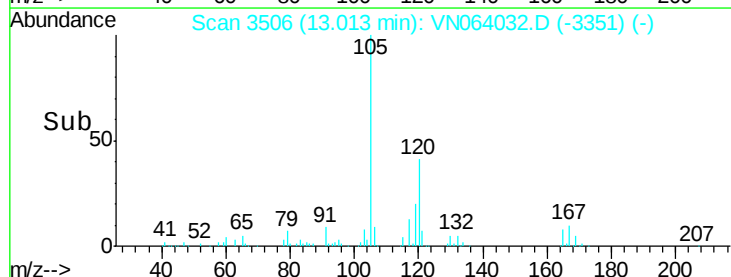
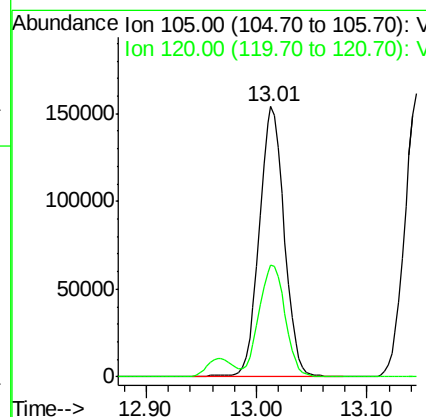
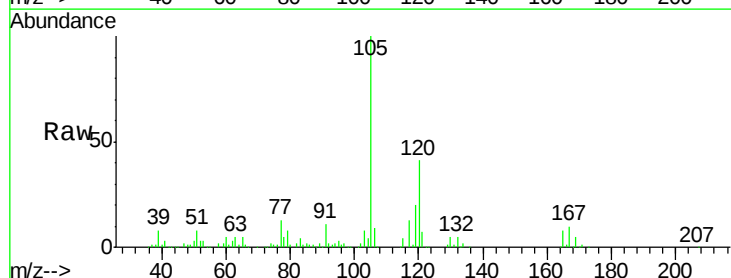
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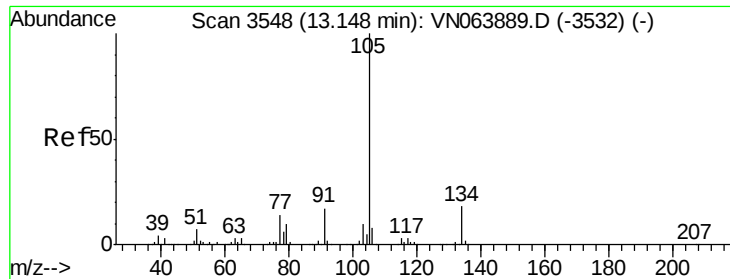
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 17.659 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	242854		
120	43.6	0.0	90.4	





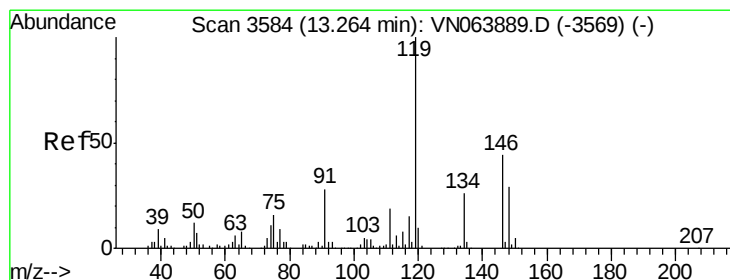
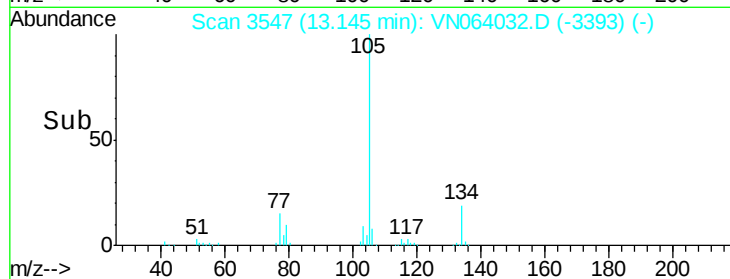
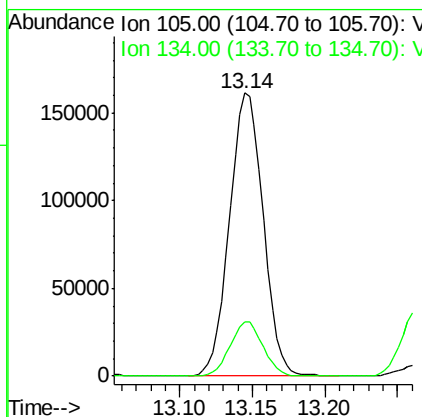
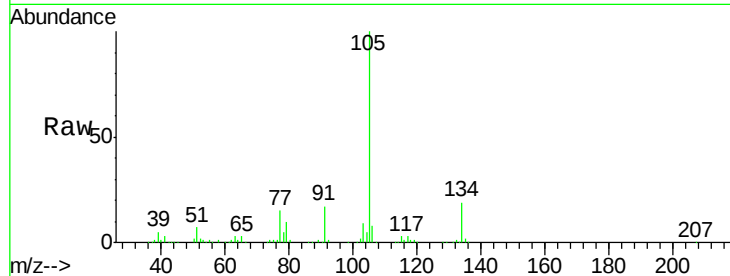
#81
 sec-Butylbenzene
 Concen: 18.038 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
105	100	260573		
134	18.7	0.0	39.4	

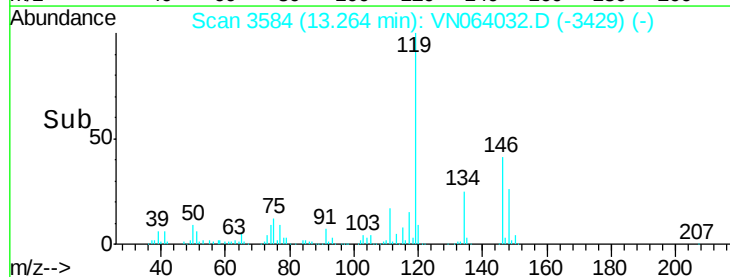
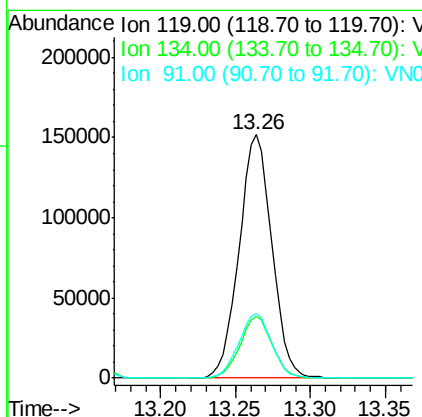
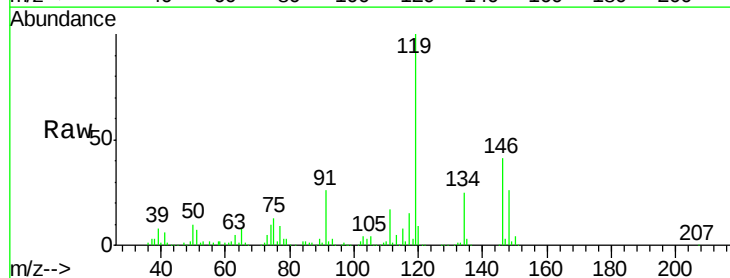
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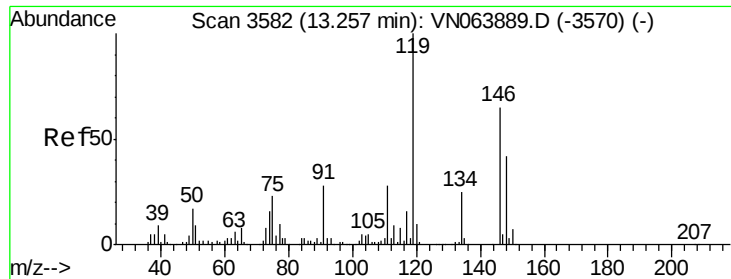
MMDadoda
 10/12/2020 2:10:04 PM



#82
 p-Isopropyltoluene
 Concen: 17.678 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	230805		
134	25.0	0.0	52.2	
91	26.7	0.0	46.2	





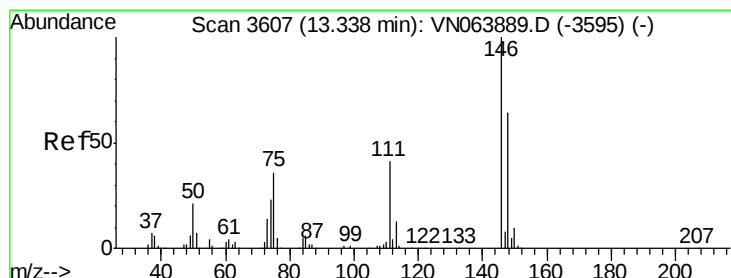
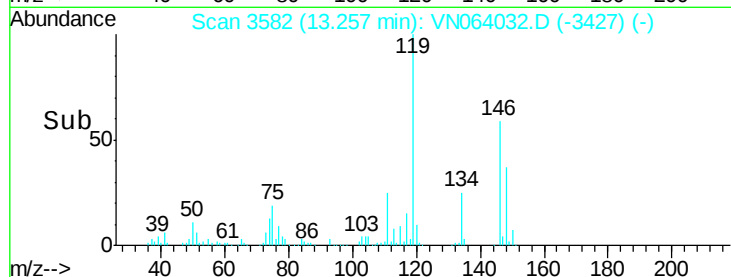
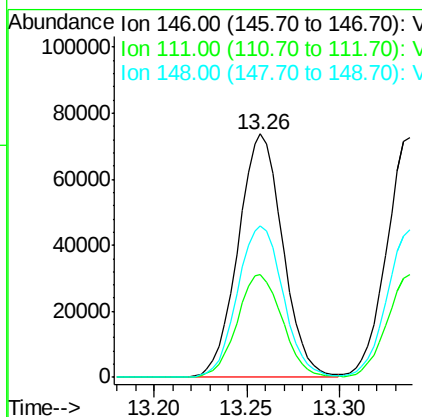
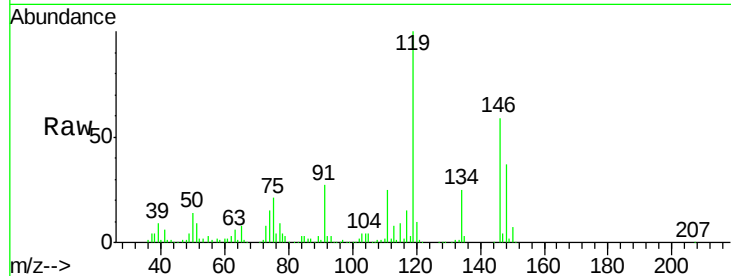
#83
 1,3-Dichlorobenzene
 Concen: 16.866 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.8	19.4	58.1
148	63.6	31.5	94.5

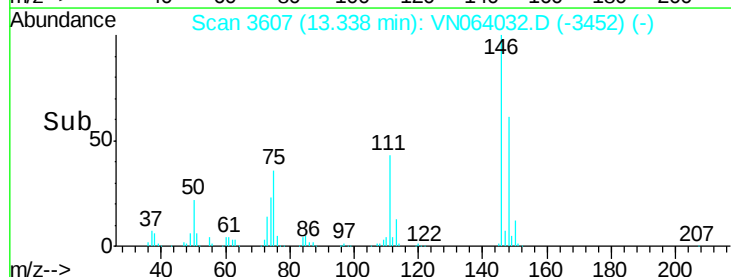
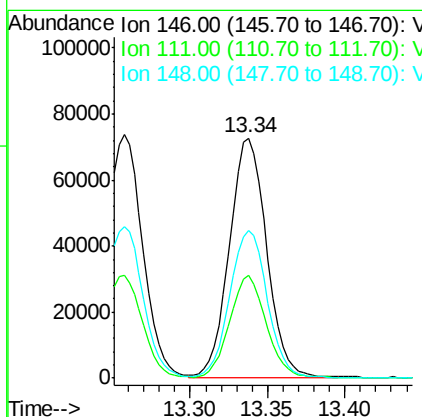
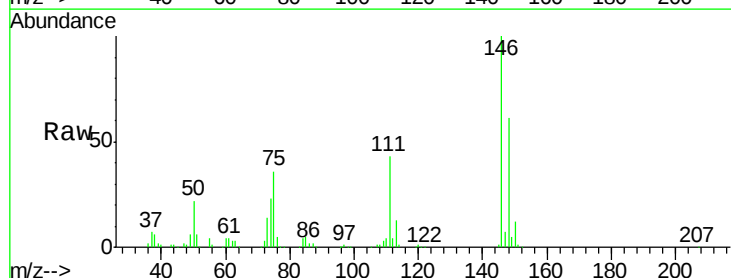
Manual Integrations
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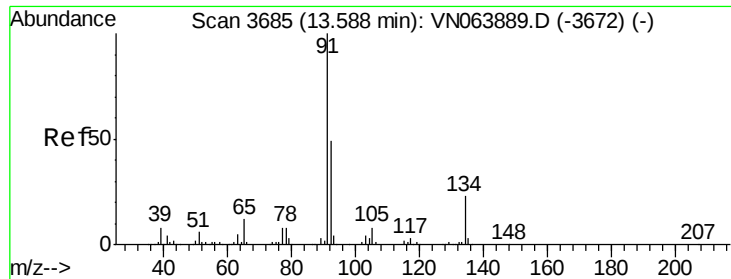
MMDadoda
 10/12/2020 2:10:04 PM



#84
 1,4-Dichlorobenzene
 Concen: 16.752 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	18.6	55.8
148	60.6	31.6	94.8





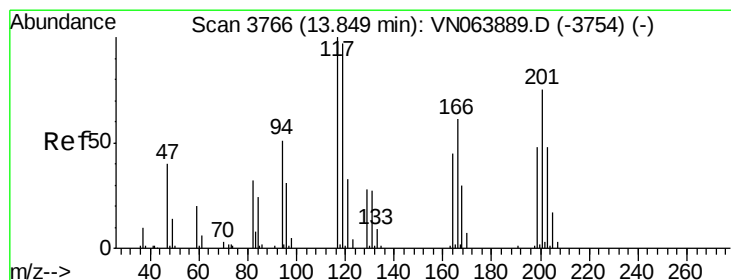
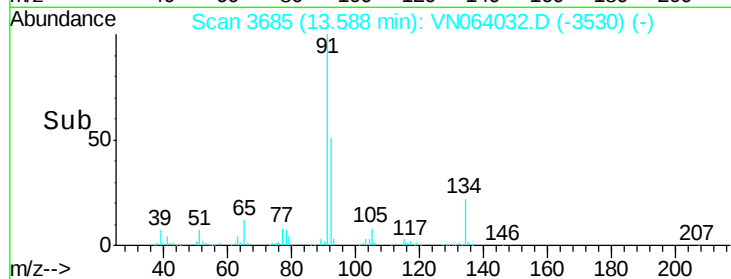
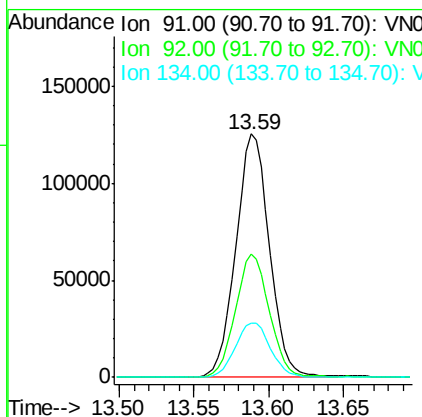
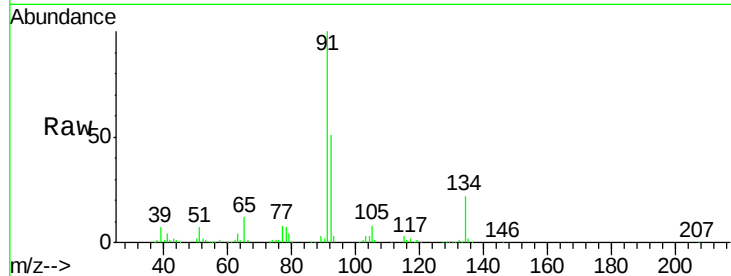
#85
n-Butylbenzene
Concen: 17.176 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	196199		
92	51.0		0.0	100.6
134	23.3		0.0	47.4

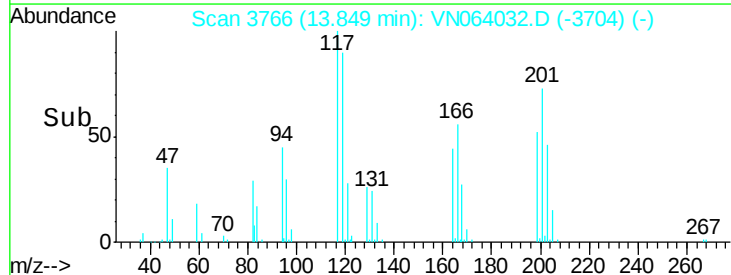
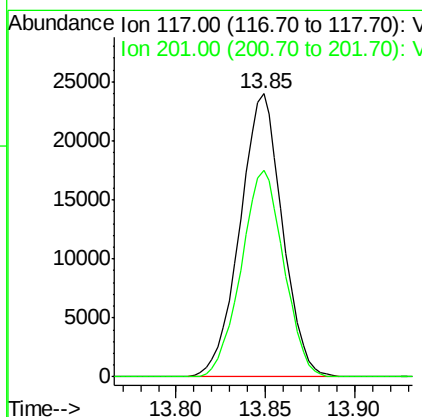
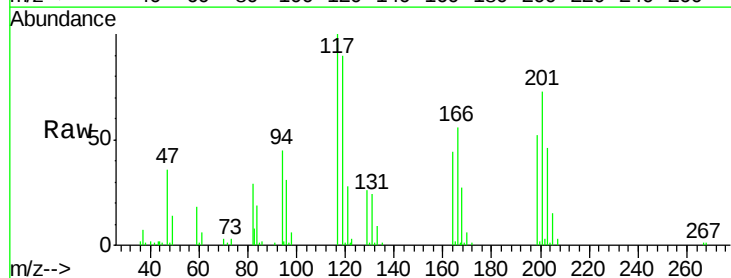
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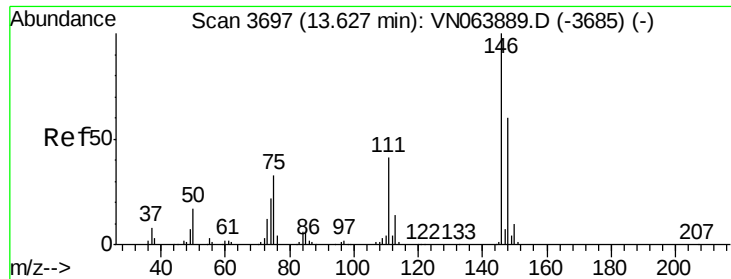
MMDadoda
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#86
Hexachloroethane
Concen: 17.754 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	39949		
201	73.1		46.1	138.3





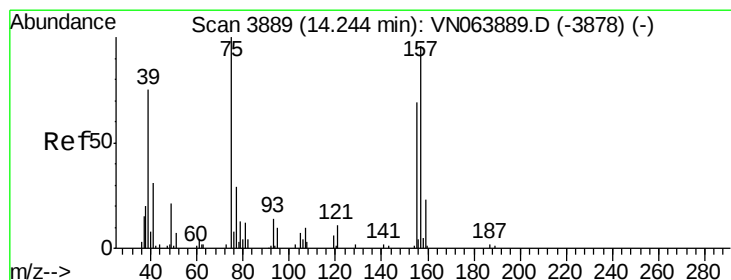
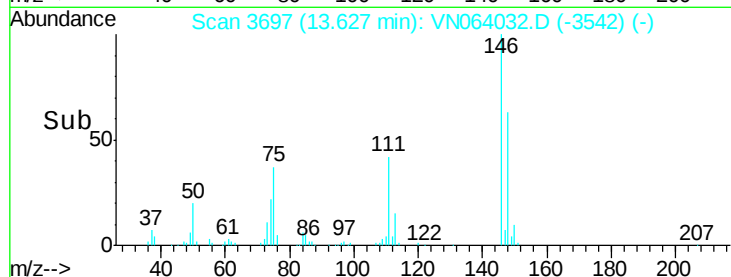
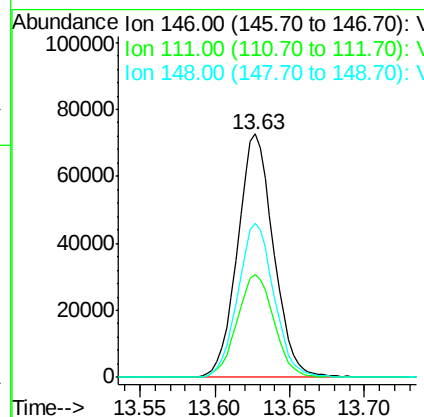
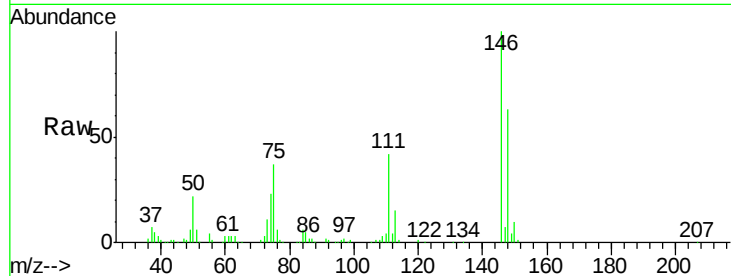
#87
 1,2-Dichlorobenzene
 Concen: 16.915 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	19.1	57.3
148	63.5	31.8	95.4

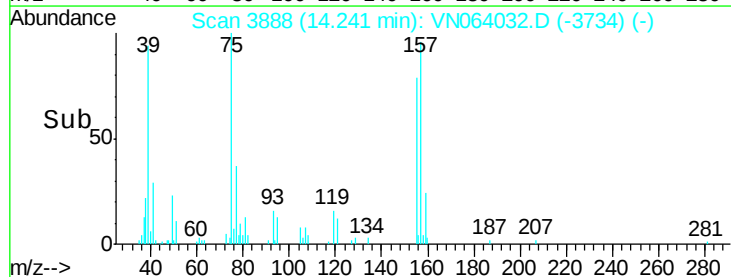
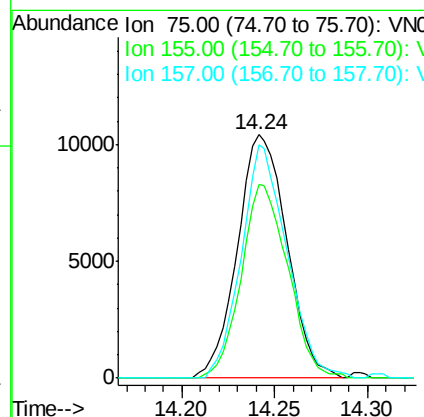
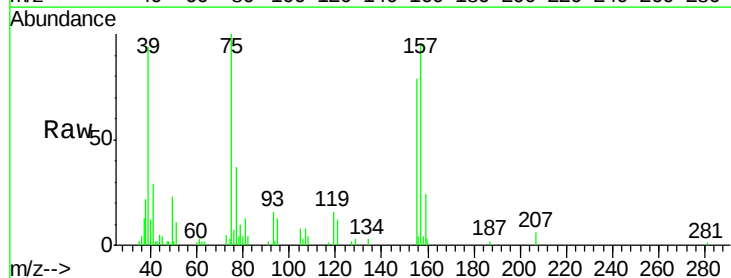
Manual Integrations
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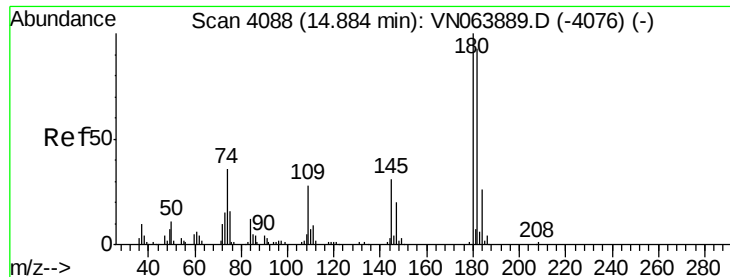
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 15.722 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	74.5	64.8	97.2
157	88.4	81.2	121.8





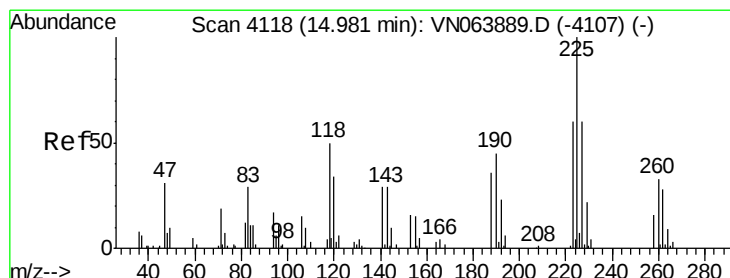
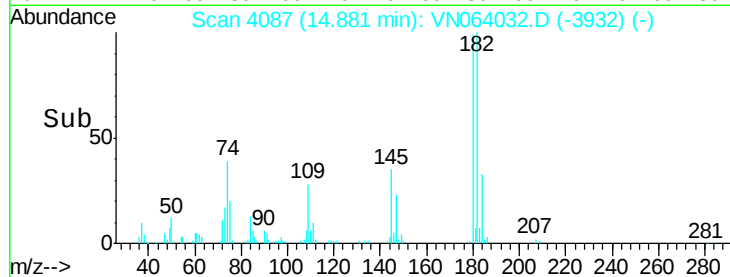
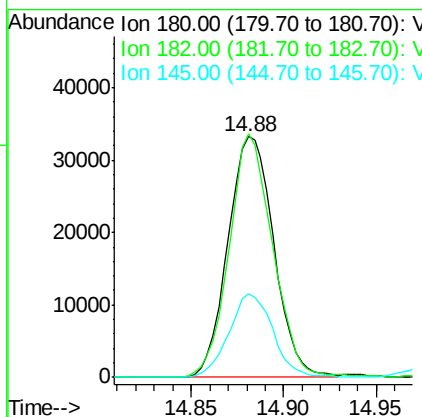
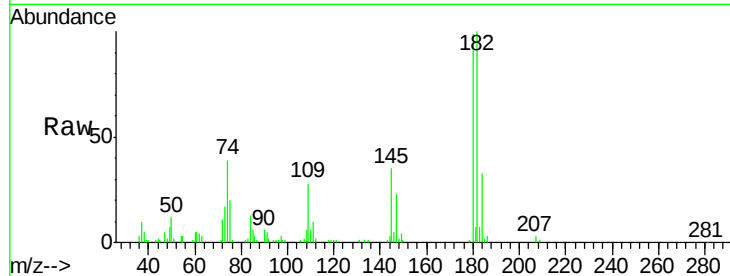
#89
 1,2,4-Trichlorobenzene
 Concen: 15.610 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.9	115.3
145	33.2	21.9	32.9

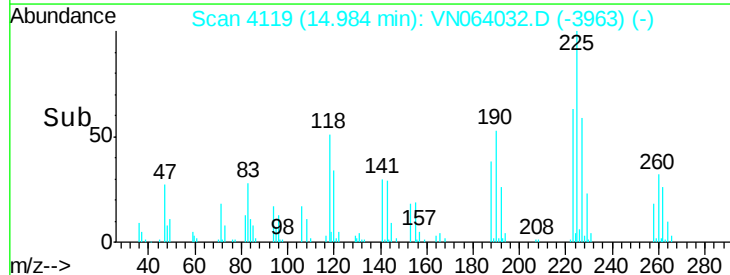
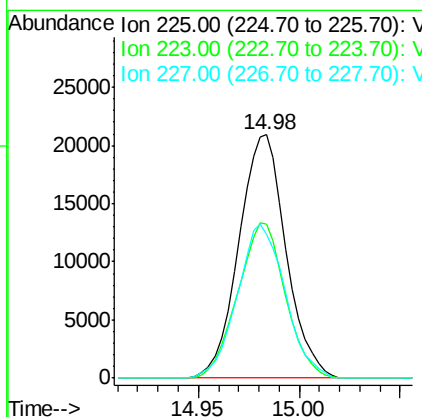
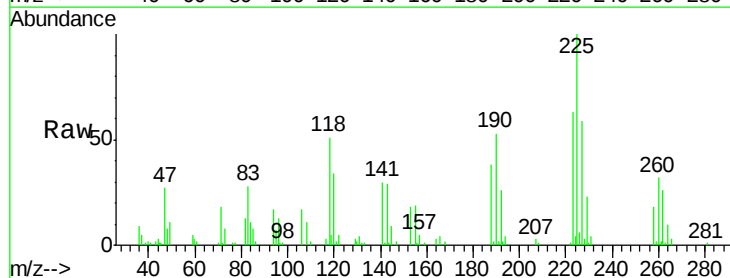
Manual Integrations
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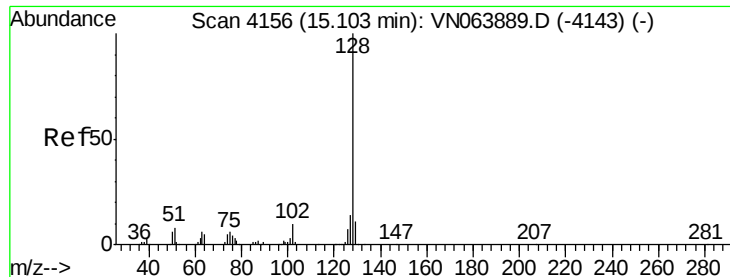
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#90
 Hexachlorobutadiene
 Concen: 17.682 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064032.D
 Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	0.0	122.8
227	64.1	0.0	125.6





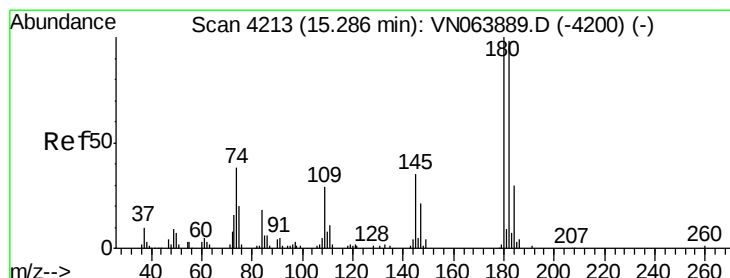
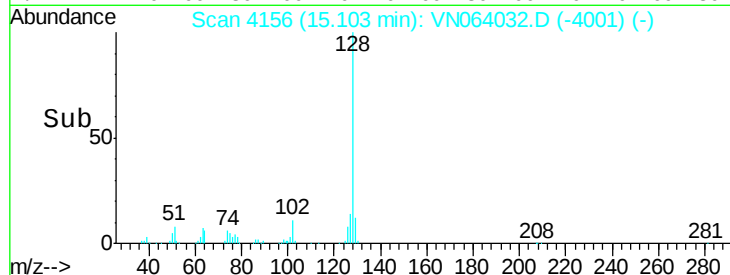
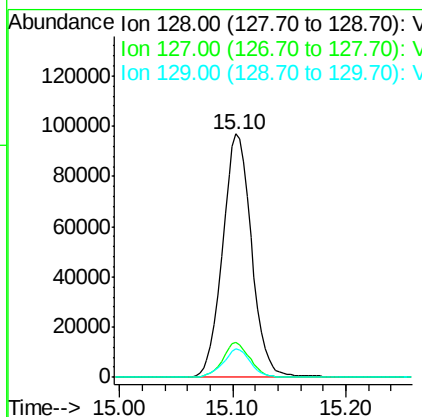
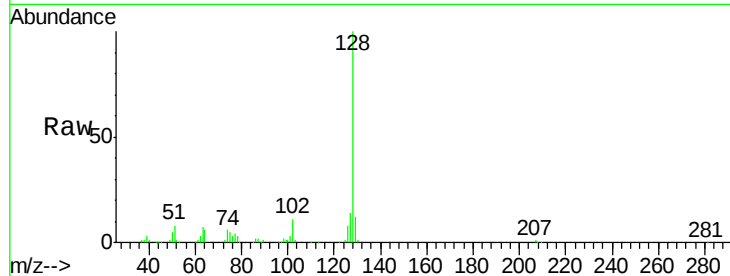
#91
Naphthalene
Concen: 15.430 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.4	11.1	16.7
129	11.0	8.4	12.6

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 16.189 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. -0.00 min
Lab File: VN064032.D
Acq: 9 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	0.0	188.0
145	34.2	0.0	62.0

